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

Cover Page

Order ID : Q1502

Project ID : NJ Waste Water PT

Client : Alliance Technical Group, LLC - Newark

Lab Sample Number	Client Sample Number
Q1502-01	PT-VOA-WP
Q1502-02	PT-VOA-WP
Q1502-03	PT-BN-WP
Q1502-04	PT-BN-WP
Q1502-05	PT-BN-WP
Q1502-06	PT-ACIDS-WP
Q1502-07	PT-ACIDS-WP
Q1502-08	PT-ACIDS-WP
Q1502-09	PT-PEST-WP
Q1502-10	PT-PEST-WP
Q1502-11	PT-CHLR-WP
Q1502-12	PT-CHLR-WP
Q1502-13	PT-TXP-WP
Q1502-14	PT-TXP-WP
Q1502-15	PT-PCBW-WP
Q1502-16	PT-PCBW-WP
Q1502-17	PT-HERB-WP
Q1502-18	RR-GAS-WP
Q1502-19	RR-DIES-WP
Q1502-20	RR-8011-WP
Q1502-21	RR-PAH-WP
Q1502-22	RR-TRIAZINE-WP

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: 3/22/2025

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

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q1502**

	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: **PRATHA PARGHI** **Date:** **03/22/2025**

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

LAB CHRONICLE

OrderID:	Q1502	**OrderDate:**	3/6/2025 10:04:07 AM
Client:	Alliance Technical Group, LLC - Newark	**Project:**	NJ Waste Water PT
Contact:	Mohammad Ahmed	**Location:**	QA Office,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1502-15	**PT-PCBW-WP**	**WATER**			**03/03/25**			**03/05/25**
			PCB	8082A		03/11/25	03/12/25	
Q1502-18	**RR-GAS-WP**	**Water**			**03/03/25**			**03/05/25**
			Gasoline Range Organics	8015D			03/11/25	
			Gasoline Range Organics	8015D			03/13/25	
Q1502-19	**RR-DIES-WP**	**Water**			**03/03/25**			**03/05/25**
			Diesel Range Organics	8015D		03/12/25	03/12/25	
Q1502-20	**RR-8011-WP**	**WATER**			**03/03/25**			**03/05/25**
			VOCGC Group 1	8011		03/12/25	03/12/25	
Q1502-20DL	**RR-8011-WPDL**	**WATER**			**03/03/25**			**03/05/25**
			VOCGC Group 1	8011		03/12/25	03/12/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q1502 **Order ID:** Q1502

Client: Alliance Technical Group, LLC - Newark **Project ID:** NJ Waste Water PT

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : PT-PCBW-WP								
Q1502-15	PT-PCBW-WP	WATER	Aroclor-1232	6.10		0.096	0.50	ug/L
			Total Concentration:	**6.100**				

QC
SUMMARY

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

Surrogate Summary

SDG No.: Q1502

Client: Alliance Technical Group, LLC - Newark

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PO109425.D	PIBLK-PO109425.D	Tetrachloro-m-xylene	1	20	25.3	126		60	140
		Decachlorobiphenyl	1	20	25.3	126		60	140
		Tetrachloro-m-xylene	2	20	24.1	121		60	140
		Decachlorobiphenyl	2	20	25.5	127		60	140
I.BLK-PO109794.D	PIBLK-PO109794.D	Tetrachloro-m-xylene	1	20	22.3	111		60	140
		Decachlorobiphenyl	1	20	18.9	95		60	140
		Tetrachloro-m-xylene	2	20	23.0	115		60	140
		Decachlorobiphenyl	2	20	20.1	101		60	140
PB167066BL	PB167066BL	Tetrachloro-m-xylene	1	20	21.6	108		16	158
		Decachlorobiphenyl	1	20	19.2	96		10	173
		Tetrachloro-m-xylene	2	20	21.9	109		16	158
		Decachlorobiphenyl	2	20	19.7	99		10	173
PB167066BS	PB167066BS	Tetrachloro-m-xylene	1	20	21.1	106		16	158
		Decachlorobiphenyl	1	20	19.9	99		10	173
		Tetrachloro-m-xylene	2	20	21.2	106		16	158
		Decachlorobiphenyl	2	20	20.5	103		10	173
PB167066BSD	PB167066BSD	Tetrachloro-m-xylene	1	20	21.0	105		16	158
		Decachlorobiphenyl	1	20	19.8	99		10	173
		Tetrachloro-m-xylene	2	20	21.1	106		16	158
		Decachlorobiphenyl	2	20	20.4	102		10	173
I.BLK-PO109809.D	PIBLK-PO109809.D	Tetrachloro-m-xylene	1	20	22.2	111		60	140
		Decachlorobiphenyl	1	20	19.9	99		60	140
		Tetrachloro-m-xylene	2	20	22.7	114		60	140
		Decachlorobiphenyl	2	20	20.8	104		60	140
I.BLK-PP070418.D	PIBLK-PP070418.D	Tetrachloro-m-xylene	1	20	22.0	110		60	140
		Decachlorobiphenyl	1	20	23.1	116		60	140
		Tetrachloro-m-xylene	2	20	23.0	115		60	140
		Decachlorobiphenyl	2	20	23.5	117		60	140
I.BLK-PP070460.D	PIBLK-PP070460.D	Tetrachloro-m-xylene	1	20	21.9	110		60	140
		Decachlorobiphenyl	1	20	23.5	117		60	140
		Tetrachloro-m-xylene	2	20	22.4	112		60	140
		Decachlorobiphenyl	2	20	24.4	122		60	140
Q1502-15	PT-PCBW-WP	Tetrachloro-m-xylene	1	20	23.6	118		16	158
		Decachlorobiphenyl	1	20	23.4	117		10	173
		Tetrachloro-m-xylene	2	20	22.9	114		16	158
		Decachlorobiphenyl	2	20	23.5	118		10	173
I.BLK-PP070466.D	PIBLK-PP070466.D	Tetrachloro-m-xylene	1	20	22.0	110		60	140
		Decachlorobiphenyl	1	20	23.6	118		60	140
		Tetrachloro-m-xylene	2	20	22.0	110		60	140
		Decachlorobiphenyl	2	20	23.4	117		60	140

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1502

Client: Alliance Technical Group, LLC - Newar

Analytical Method: 8082A **Datafile :** PO109801.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167066BS	AR1016	5	5.00	ug/L	100				61	112	
	AR1260	5	4.70	ug/L	94				66	113	

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1502

Client: Alliance Technical Group, LLC - Newar

Analytical Method: 8082A **Datafile :** PO109802.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167066BSD	AR1016	5	5.00	ug/L	100	0			61	112	20
	AR1260	5	4.70	ug/L	94	0			66	113	20

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

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167066BL

Lab Name: CHEMTECH Contract: ALLI03

Lab Code: CHEM Case No.: Q1502 SAS No.: Q1502 SDG NO.: Q1502

Lab Sample ID: PB167066BL Lab File ID: PO109800.D

Matrix: (soil/water) WATER Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N Date Extracted: 03/11/2025

Date Analyzed (1): 03/11/2025 Date Analyzed (2): 03/11/2025

Time Analyzed (1): 20:18 Time Analyzed (2): 20:18

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
PB167066BS	PB167066BS	PO109801.D	03/11/2025	03/11/2025
PB167066BSD	PB167066BSD	PO109802.D	03/11/2025	03/11/2025
PT-PCBW-WP	Q1502-15	PP070462.D	03/12/2025	03/12/2025

COMMENTS:

Alliance
TECHNICAL GROUP

SAMPLE DATA

Raw Data: **PP070462.D**

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	03/03/25
Project:	NJ Waste Water PT	Date Received:	03/05/25
Client Sample ID:	PT-PCBW-WP	SDG No.:	Q1502
Lab Sample ID:	Q1502-15	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 :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070462.D	1	03/11/25 08:35	03/12/25 02:53	PB167066

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	6.10		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
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
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.6		16 - 158	118%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.5		10 - 173	118%	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

Sample Results: **PP070462.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070462.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 02:53
Operator : YP\AJ
Sample : Q1502-15
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PT-PCBW-WP

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 19 02:30:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 19 02:28:50 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...	4.524	3.828	36638098	22927362	23.556	22.875
2)	SA Decachlor...	10.248	8.878	24886859	23022754	23.426	23.532
	Target Compounds						
11)	L3 AR-1232-1	4.886	4.201	21138564	15600711	594.490	592.964
12)	L3 AR-1232-2	5.411	4.934	10675538	15451946	632.882	598.632
13)	L3 AR-1232-3	5.698	5.111	22430261	8356440	613.357	596.508
14)	L3 AR-1232-4	5.857	5.195	11389552	7226894	599.630	617.037
15)	L3 AR-1232-5	5.948	5.368	7889103	7993493	608.621	611.685

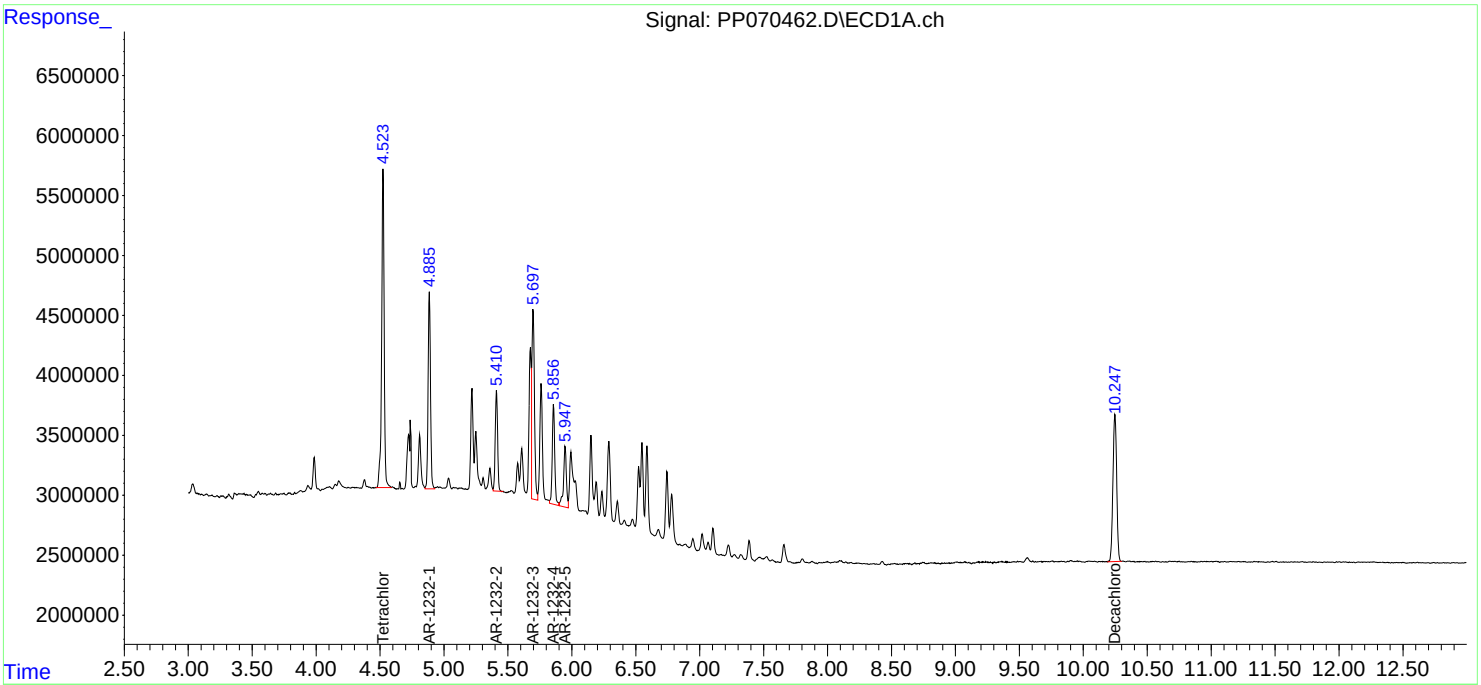
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

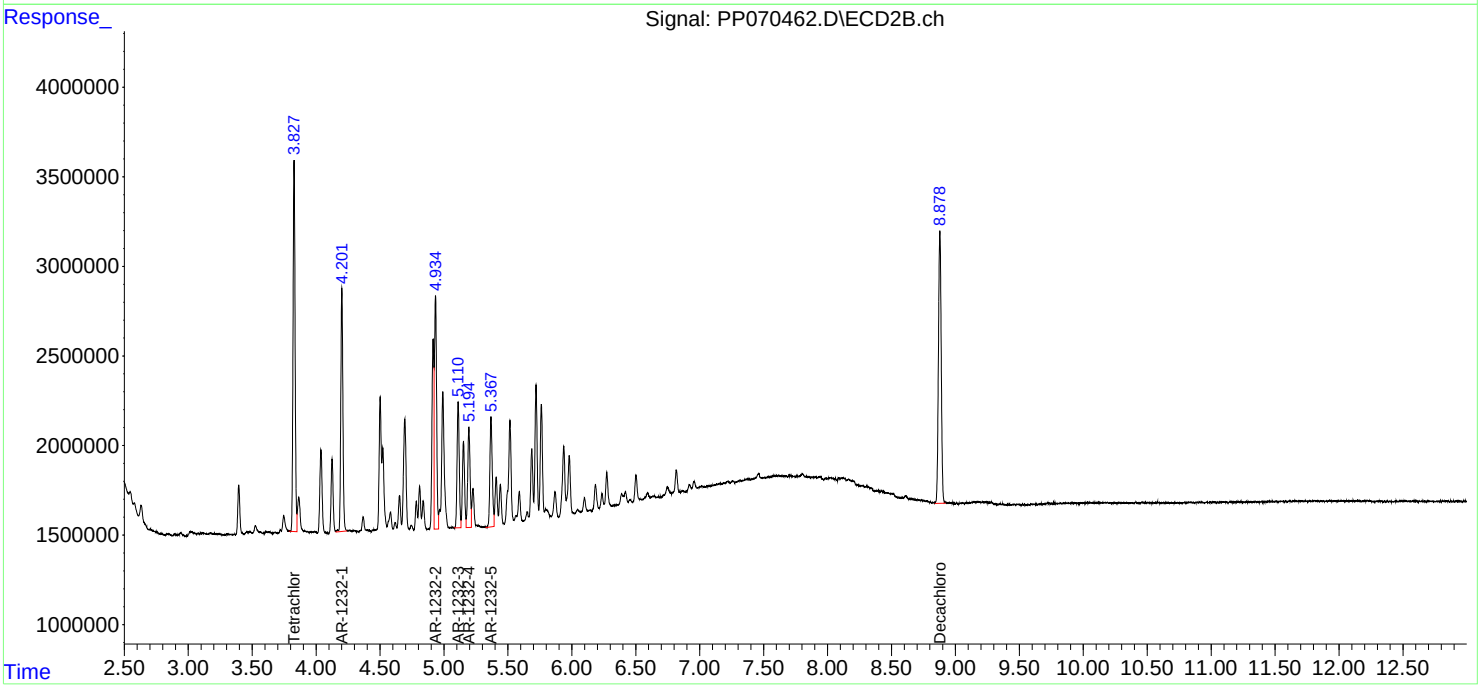
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070462.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 02:53
Operator : YP\AJ
Sample : Q1502-15
Misc :
ALS Vial : 44 Sample Multiplier: 1

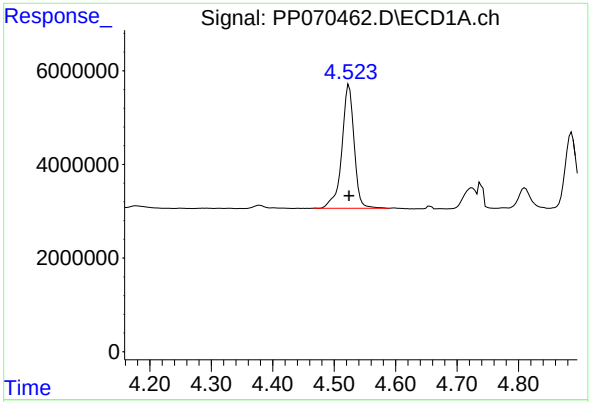
Instrument :
ECD_P
ClientSampleId :
PT-PCBW-WP

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 19 02:30:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 19 02:28:50 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



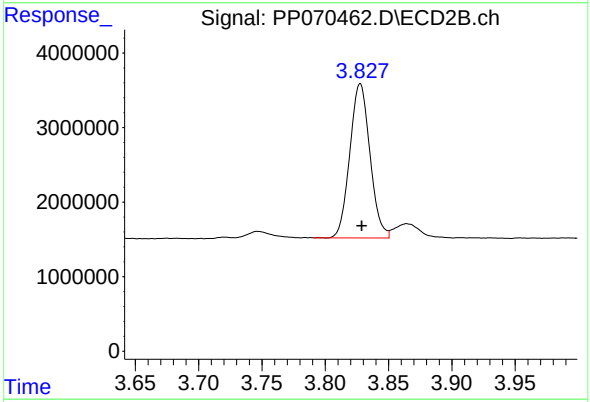




#1 Tetrachloro-m-xylene

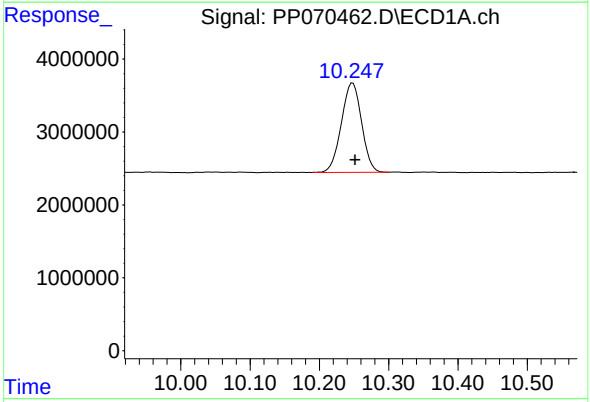
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 36638098
Conc: 23.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
PT-PCBW-WP



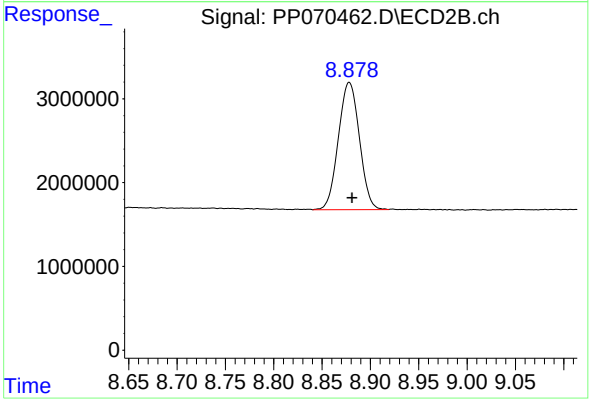
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: -0.001 min
Response: 22927362
Conc: 22.88 ng/ml



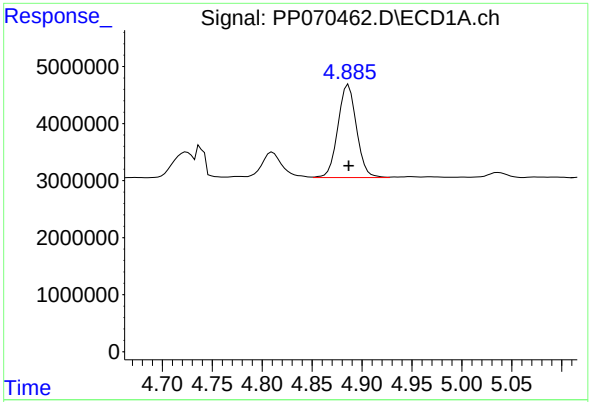
#2 Decachlorobiphenyl

R.T.: 10.248 min
Delta R.T.: -0.004 min
Response: 24886859
Conc: 23.43 ng/ml



#2 Decachlorobiphenyl

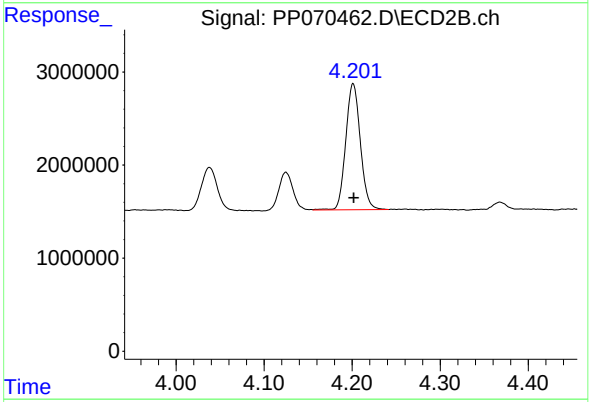
R.T.: 8.878 min
Delta R.T.: -0.003 min
Response: 23022754
Conc: 23.53 ng/ml



#11 AR-1232-1

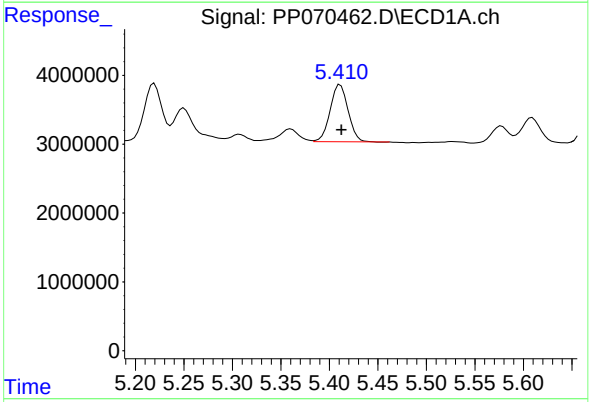
R.T.: 4.886 min
Delta R.T.: 0.000 min
Response: 21138564
Conc: 594.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
PT-PCBW-WP



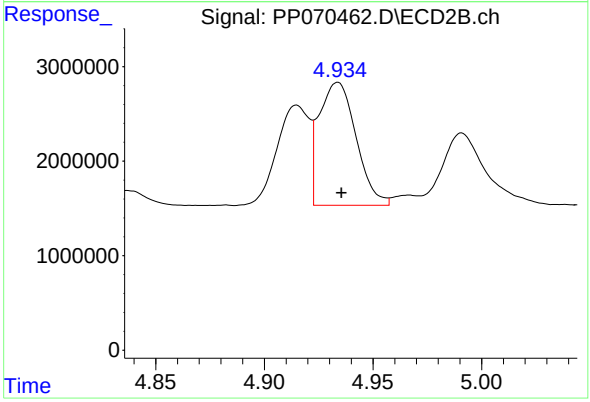
#11 AR-1232-1

R.T.: 4.201 min
Delta R.T.: 0.000 min
Response: 15600711
Conc: 592.96 ng/ml



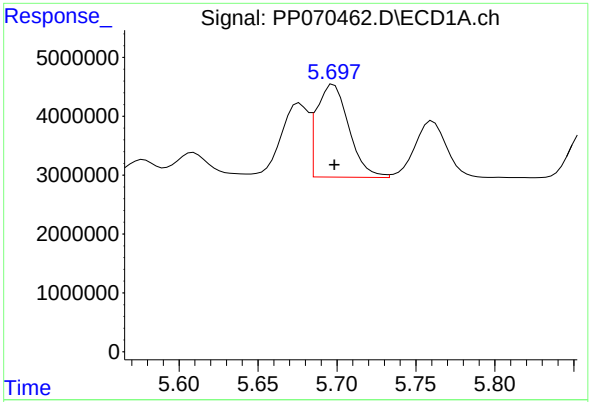
#12 AR-1232-2

R.T.: 5.411 min
Delta R.T.: -0.001 min
Response: 10675538
Conc: 632.88 ng/ml



#12 AR-1232-2

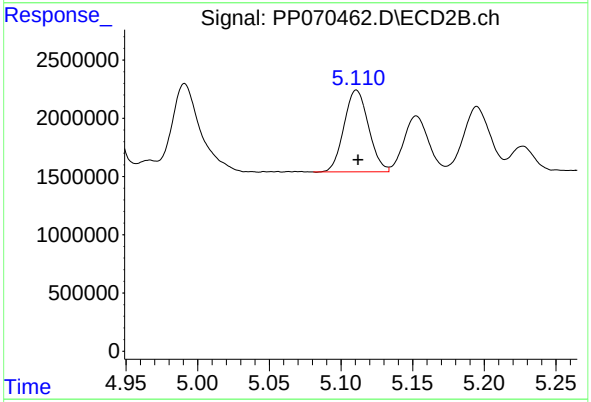
R.T.: 4.934 min
Delta R.T.: -0.002 min
Response: 15451946
Conc: 598.63 ng/ml



#13 AR-1232-3

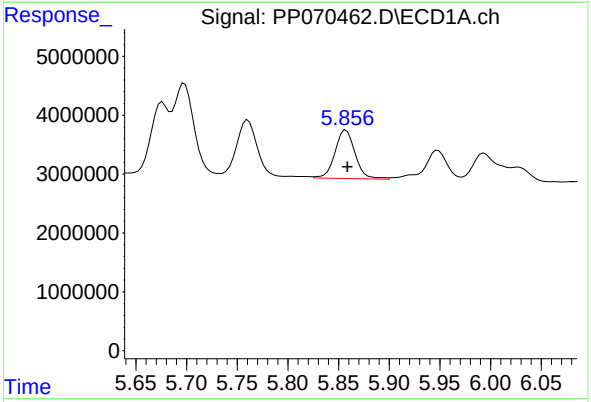
R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 22430261
Conc: 613.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
PT-PCBW-WP



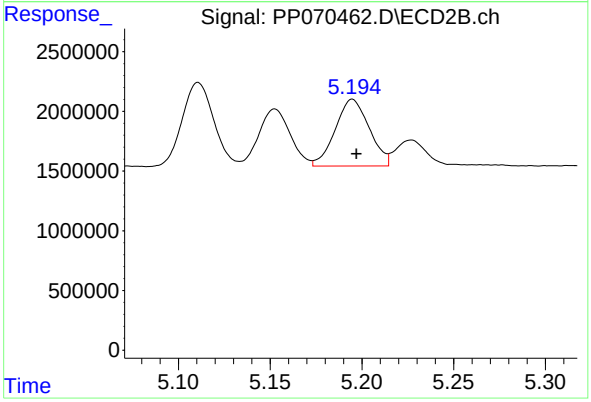
#13 AR-1232-3

R.T.: 5.111 min
Delta R.T.: -0.001 min
Response: 8356440
Conc: 596.51 ng/ml



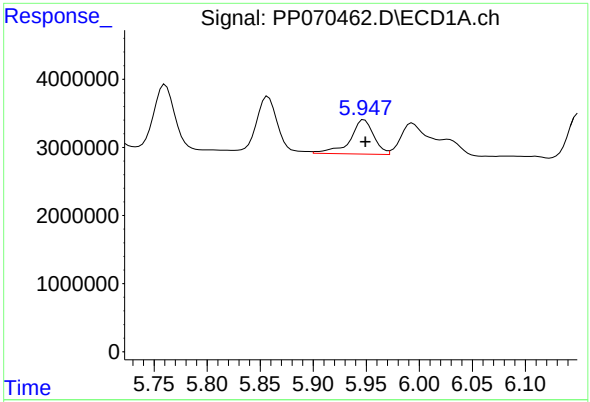
#14 AR-1232-4

R.T.: 5.857 min
Delta R.T.: -0.001 min
Response: 11389552
Conc: 599.63 ng/ml



#14 AR-1232-4

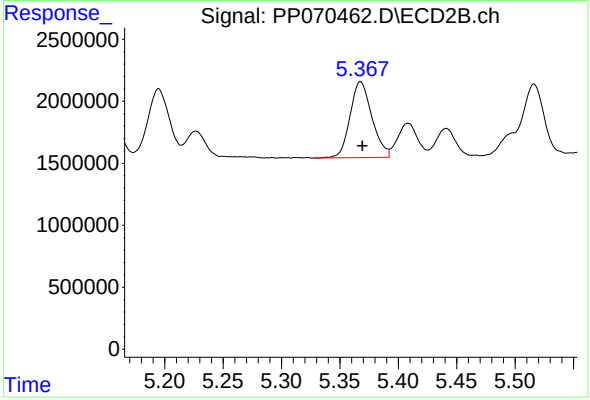
R.T.: 5.195 min
Delta R.T.: -0.002 min
Response: 7226894
Conc: 617.04 ng/ml



#15 AR-1232-5

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 7889103
Conc: 608.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
PT-PCBW-WP



#15 AR-1232-5

R.T.: 5.368 min
Delta R.T.: -0.002 min
Response: 7993493
Conc: 611.68 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: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Instrument ID: ECD_O **Calibration Date(s):** 02/20/2025 02/21/2025

Calibration Times: 16:46 01:02

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

LAB FILE ID: RT 1000 = PO109426.D RT 750 = PO109427.D

RT 500 = PO109428.D RT 250 = PO109429.D RT 050 = PO109430.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.79	4.79	4.79	4.79	4.79	4.79	4.69	4.89
Aroclor-1016-2	(2)	4.81	4.81	4.81	4.81	4.81	4.81	4.71	4.91
Aroclor-1016-3	(3)	4.87	4.87	4.87	4.87	4.87	4.87	4.77	4.97
Aroclor-1016-4	(4)	4.99	4.99	4.99	4.99	4.99	4.99	4.89	5.09
Aroclor-1016-5	(5)	5.25	5.25	5.25	5.25	5.25	5.25	5.15	5.35
Aroclor-1260-1	(1)	6.29	6.29	6.29	6.29	6.29	6.29	6.19	6.39
Aroclor-1260-2	(2)	6.48	6.48	6.48	6.48	6.48	6.48	6.38	6.58
Aroclor-1260-3	(3)	6.85	6.85	6.85	6.85	6.84	6.85	6.75	6.95
Aroclor-1260-4	(4)	7.11	7.11	7.11	7.11	7.10	7.11	7.01	7.21
Aroclor-1260-5	(5)	7.35	7.35	7.35	7.35	7.35	7.35	7.25	7.45
Decachlorobiphenyl		8.76	8.76	8.76	8.76	8.76	8.76	8.66	8.86
Tetrachloro-m-xylene		3.70	3.70	3.70	3.70	3.70	3.70	3.60	3.80
Aroclor-1242-1	(1)	4.79	4.79	4.79	4.79	4.79	4.79	4.69	4.89
Aroclor-1242-2	(2)	4.81	4.81	4.81	4.81	4.81	4.81	4.71	4.91
Aroclor-1242-3	(3)	4.87	4.87	4.87	4.87	4.87	4.87	4.77	4.97
Aroclor-1242-4	(4)	4.99	4.99	4.99	4.99	4.99	4.99	4.89	5.09
Aroclor-1242-5	(5)	5.64	5.64	5.64	5.64	5.64	5.64	5.54	5.74
Decachlorobiphenyl		8.76	8.76	8.76	8.76	8.76	8.76	8.66	8.86
Tetrachloro-m-xylene		3.70	3.70	3.70	3.70	3.70	3.70	3.60	3.80
Aroclor-1248-1	(1)	4.79	4.79	4.79	4.79	4.79	4.79	4.69	4.89
Aroclor-1248-2	(2)	5.03	5.03	5.03	5.03	5.03	5.03	4.93	5.13
Aroclor-1248-3	(3)	5.25	5.25	5.25	5.25	5.25	5.25	5.15	5.35
Aroclor-1248-4	(4)	5.60	5.60	5.60	5.60	5.60	5.60	5.50	5.70
Aroclor-1248-5	(5)	5.64	5.64	5.64	5.64	5.64	5.64	5.54	5.74
Decachlorobiphenyl		8.76	8.76	8.76	8.76	8.75	8.76	8.66	8.86
Tetrachloro-m-xylene		3.70	3.70	3.70	3.70	3.70	3.70	3.60	3.80
Aroclor-1254-1	(1)	5.60	5.60	5.60	5.60	5.60	5.60	5.50	5.70
Aroclor-1254-2	(2)	5.75	5.75	5.75	5.75	5.75	5.75	5.65	5.85
Aroclor-1254-3	(3)	6.16	6.16	6.16	6.16	6.16	6.16	6.06	6.26
Aroclor-1254-4	(4)	6.38	6.39	6.39	6.39	6.38	6.39	6.29	6.49
Aroclor-1254-5	(5)	6.81	6.81	6.81	6.81	6.81	6.81	6.71	6.91
Decachlorobiphenyl		8.75	8.76	8.76	8.76	8.76	8.76	8.66	8.86
Tetrachloro-m-xylene		3.70	3.70	3.70	3.70	3.70	3.70	3.60	3.80
Aroclor-1268-1	(1)	7.63	7.63	7.63	7.63	7.63	7.63	7.53	7.73
Aroclor-1268-2	(2)	7.70	7.70	7.70	7.70	7.70	7.70	7.60	7.80
Aroclor-1268-3	(3)	7.91	7.91	7.91	7.91	7.91	7.91	7.81	8.01
Aroclor-1268-4	(4)	8.19	8.19	8.19	8.19	8.19	8.19	8.09	8.29
Aroclor-1268-5	(5)	8.49	8.49	8.49	8.49	8.49	8.49	8.39	8.59

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

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.76	8.76	8.75	8.76	8.75	8.76	8.66	8.86
Tetrachloro-m-xylene	3.70	3.70	3.70	3.70	3.70	3.70	3.60	3.80

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: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Instrument ID: ECD_O **Calibration Date(s):** 02/20/2025 02/21/2025

Calibration Times: 16:46 01:02

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

LAB FILE ID: RT 1000 = PO109426.D RT 750 = PO109427.D

RT 500 = PO109428.D RT 250 = PO109429.D RT 050 = PO109430.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	4.78	4.78	4.78	4.78	4.68	4.88
Aroclor-1016-2	(2)	4.80	4.80	4.80	4.80	4.80	4.80	4.70	4.90
Aroclor-1016-3	(3)	4.97	4.97	4.97	4.97	4.97	4.97	4.87	5.07
Aroclor-1016-4	(4)	5.01	5.01	5.01	5.01	5.01	5.01	4.91	5.11
Aroclor-1016-5	(5)	5.23	5.23	5.23	5.23	5.23	5.23	5.13	5.33
Aroclor-1260-1	(1)	6.26	6.26	6.26	6.26	6.26	6.26	6.16	6.36
Aroclor-1260-2	(2)	6.45	6.45	6.45	6.45	6.45	6.45	6.35	6.55
Aroclor-1260-3	(3)	6.60	6.60	6.60	6.60	6.60	6.60	6.50	6.70
Aroclor-1260-4	(4)	7.07	7.07	7.07	7.07	7.07	7.07	6.97	7.17
Aroclor-1260-5	(5)	7.31	7.31	7.31	7.31	7.31	7.31	7.21	7.41
Decachlorobiphenyl		8.71	8.71	8.71	8.71	8.71	8.71	8.61	8.81
Tetrachloro-m-xylene		3.69	3.69	3.69	3.69	3.69	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)	4.80	4.80	4.80	4.80	4.80	4.80	4.70	4.90
Aroclor-1242-3	(3)	4.97	4.97	4.97	4.97	4.97	4.97	4.87	5.07
Aroclor-1242-4	(4)	5.06	5.06	5.06	5.06	5.06	5.06	4.96	5.16
Aroclor-1242-5	(5)	5.58	5.58	5.58	5.58	5.58	5.58	5.48	5.68
Decachlorobiphenyl		8.71	8.71	8.71	8.71	8.71	8.71	8.61	8.81
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	4.78	4.78	4.78	4.78	4.68	4.88
Aroclor-1248-2	(2)	5.01	5.01	5.01	5.01	5.01	5.01	4.91	5.11
Aroclor-1248-3	(3)	5.06	5.06	5.06	5.06	5.06	5.06	4.96	5.16
Aroclor-1248-4	(4)	5.23	5.23	5.23	5.23	5.23	5.23	5.13	5.33
Aroclor-1248-5	(5)	5.62	5.62	5.62	5.62	5.62	5.62	5.52	5.72
Decachlorobiphenyl		8.71	8.71	8.71	8.71	8.71	8.71	8.61	8.81
Tetrachloro-m-xylene		3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79
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)	6.13	6.13	6.13	6.13	6.13	6.13	6.03	6.23
Aroclor-1254-4	(4)	6.36	6.36	6.36	6.36	6.36	6.36	6.26	6.46
Aroclor-1254-5	(5)	6.77	6.78	6.77	6.78	6.77	6.77	6.67	6.87
Decachlorobiphenyl		8.71	8.71	8.71	8.71	8.71	8.71	8.61	8.81
Tetrachloro-m-xylene		3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79
Aroclor-1268-1	(1)	7.60	7.60	7.60	7.60	7.60	7.60	7.50	7.70
Aroclor-1268-2	(2)	7.66	7.66	7.66	7.66	7.66	7.66	7.56	7.76
Aroclor-1268-3	(3)	7.87	7.87	7.87	7.87	7.87	7.87	7.77	7.97
Aroclor-1268-4	(4)	8.15	8.15	8.15	8.15	8.15	8.15	8.05	8.25
Aroclor-1268-5	(5)	8.45	8.45	8.45	8.45	8.45	8.45	8.35	8.55

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

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.71	8.71	8.71	8.71	8.70	8.71	8.61	8.81
Tetrachloro-m-xylene	3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79

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: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Instrument ID: ECD_O **Calibration Date(s):** 02/20/2025 02/21/2025

Calibration Times: 16:46 01:02

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

LAB FILE ID: **CF 1000 =** PO109426.D **CF 750 =** PO109427.D

CF 500 = PO109428.D **CF 250 =** PO109429.D **CF 050 =** PO109430.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	285955176	296470909	301678880	330073932	327272520	308290283	6
Aroclor-1016-2	(2)	400344510	409149469	414645114	446605912	434387780	421026557	5
Aroclor-1016-3	(3)	275712654	284750529	289403798	321232168	307985600	295816950	6
Aroclor-1016-4	(4)	217819857	224475380	225979744	249359212	241266360	231780111	6
Aroclor-1016-5	(5)	234915990	244172492	252269048	280073416	279718840	258229957	8
Aroclor-1260-1	(1)	432857882	445030616	458030860	496965692	497771560	466131322	6
Aroclor-1260-2	(2)	530613873	540598143	549997768	596865796	607516180	565118352	6
Aroclor-1260-3	(3)	446055940	458685821	463532386	505033376	504998020	475661109	6
Aroclor-1260-4	(4)	409227231	417077069	426071740	458083200	447546300	431601108	5
Aroclor-1260-5	(5)	975246933	982402905	1001465846	1034939896	975352280	993881572	3
Decachlorobiphenyl		8144381710	8253336907	8542716440	9068866760	9000001000	8601860563	5
Tetrachloro-m-xylene		9594159870	9382441773	9407964980	9839303320	9101752600	9465124509	3
Aroclor-1242-1	(1)	241553792	248781753	263582376	278206104	276700060	261764817	6
Aroclor-1242-2	(2)	330250979	341141312	360022594	377835792	370979720	356046079	6
Aroclor-1242-3	(3)	230958690	239403319	256570990	271941764	257976860	251370325	6
Aroclor-1242-4	(4)	181873604	188232188	200194694	210194852	201763980	196451864	6
Aroclor-1242-5	(5)	192196869	198312276	212424054	232317448	236630280	214376185	9
Decachlorobiphenyl		7571460160	7783053733	8197005760	8686332120	8704566000	8188483555	6
Tetrachloro-m-xylene		9236931880	9400204853	9446860340	9568057960	9056865000	9341784007	2
Aroclor-1248-1	(1)	183385441	189253437	200901320	213658596	210346400	199509039	7
Aroclor-1248-2	(2)	249519113	262229969	281655510	299590856	298458120	278290714	8
Aroclor-1248-3	(3)	313646829	324719312	346217716	370103360	392176240	349372691	9
Aroclor-1248-4	(4)	439951399	452724037	479184310	509535492	504078340	477094716	6
Aroclor-1248-5	(5)	310476659	318507132	337630456	365736804	380196620	342509534	9
Decachlorobiphenyl		7703959900	7913043760	8337132500	8816038680	8879579800	8329950928	6
Tetrachloro-m-xylene		9154374770	9319706587	9763537060	9884300480	9250244600	9474432699	3
Aroclor-1254-1	(1)	480630669	491242291	514290722	548494120	543375540	515606668	6
Aroclor-1254-2	(2)	417535343	429223996	451482582	481224324	472406420	450374533	6
Aroclor-1254-3	(3)	684838056	697322969	725628940	760808456	711178620	715955408	4
Aroclor-1254-4	(4)	417970360	409808872	428749386	461366848	376062040	418791501	7
Aroclor-1254-5	(5)	597298518	608943563	631623464	663830224	617819000	623902954	4
Decachlorobiphenyl		7967092830	8125756000	8528343640	8986366600	8782372000	8477986214	5
Tetrachloro-m-xylene		9511051460	9602004080	9843620680	9994457760	8495604200	9489347636	6
Aroclor-1268-1	(1)	1298860853	1294002563	1318124330	1365675636	1344427900	1324218256	2

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1196326079	1189492827	1207881780	1246550744	1205280700	1209106426	2
Aroclor-1268-3	(3)	1000400149	998939115	1012813102	1049647308	1029090160	1018177967	2
Aroclor-1268-4	(4)	407507962	408969772	420298422	442140308	445377360	424858765	4
Aroclor-1268-5	(5)	3060378797	3013397139	3036609122	3075360324	2912511720	3019651420	2
Decachlorobiphenyl		14147642890	14125651173	14472115980	15180190720	15441285400	14673377233	4
Tetrachloro-m-xylene		9652630020	9799388160	9953085600	10360200640	9708060200	9894672924	3

Raw Data

Alliance TECHNICAL GROUP

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Instrument ID: ECD_O **Calibration Date(s):** 02/20/2025 02/21/2025

Calibration Times: 16:46 01:02

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

LAB FILE ID: **CF 1000 =** PO109426.D **CF 750 =** PO109427.D

CF 500 = PO109428.D **CF 250 =** PO109429.D **CF 050 =** PO109430.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	144422659	148428763	152032096	167484860	168484300	156170536	7
Aroclor-1016-2	(2)	205202725	208508729	213432994	229519564	225505040	216433810	5
Aroclor-1016-3	(3)	112302196	115067393	117212622	128579748	124094120	119451216	6
Aroclor-1016-4	(4)	94709981	98717735	101165102	112923876	112836120	104070563	8
Aroclor-1016-5	(5)	124417087	127943616	132644098	146345704	149917060	136253513	8
Aroclor-1260-1	(1)	217936136	223782013	232739904	251644640	258495520	236919643	7
Aroclor-1260-2	(2)	255563339	259366392	268832038	291215424	300878620	275171163	7
Aroclor-1260-3	(3)	239301078	242165468	249897958	270279452	273707020	255070195	6
Aroclor-1260-4	(4)	193987222	196916529	202218624	218214048	219624820	206192249	6
Aroclor-1260-5	(5)	436097628	435546231	443785112	464386884	459099080	447782987	3
Decachlorobiphenyl		2971514290	3027039307	3156019460	3385128400	3381593200	3184258931	6
Tetrachloro-m-xylene		5186272490	5246400280	5221242400	5478386840	5038748400	5234210082	3
Aroclor-1242-1	(1)	120966720	124746516	133128702	141428800	141463920	132346932	7
Aroclor-1242-2	(2)	169605960	173512545	183266616	192017376	189176180	181515735	5
Aroclor-1242-3	(3)	93390359	96634075	102245092	107691940	99411220	99874537	5
Aroclor-1242-4	(4)	96389066	101019272	107789002	115338428	114056640	106918482	8
Aroclor-1242-5	(5)	113196636	117716005	125239314	135801980	136573300	125705447	8
Decachlorobiphenyl		2727823240	2861750760	3019178360	3243379080	3243962600	3019218808	8
Tetrachloro-m-xylene		5001213420	5078322907	5254229320	5289448280	4851665000	5094975785	4
Aroclor-1248-1	(1)	91256927	94139561	100767396	107614600	108857060	100527109	8
Aroclor-1248-2	(2)	130560541	136645137	146421094	157143508	156628300	145479716	8
Aroclor-1248-3	(3)	139283148	144897643	155701690	166430352	168727860	155008139	8
Aroclor-1248-4	(4)	163903044	169411200	180364434	193711724	196594760	180797032	8
Aroclor-1248-5	(5)	154356880	158447996	169575560	183331920	195308840	172204239	10
Decachlorobiphenyl		2790488700	2873613467	3038569420	3241156720	3294897400	3047745141	7
Tetrachloro-m-xylene		4955293160	5040468413	5221131320	5264696400	4750589600	5046435779	4
Aroclor-1254-1	(1)	243640751	248872624	260914738	280861344	273402140	261538319	6
Aroclor-1254-2	(2)	212545511	218679507	230680254	249214456	261687520	234561450	9
Aroclor-1254-3	(3)	339799719	346366689	360950750	378906048	357499640	356704569	4
Aroclor-1254-4	(4)	192329190	189854227	199746634	214807996	168878980	193123405	9
Aroclor-1254-5	(5)	278490681	283928981	296376396	314100456	310764660	296732235	5
Decachlorobiphenyl		2841760820	2921691133	3072525860	3310057280	3280037800	3085214579	7
Tetrachloro-m-xylene		5117525260	5147853200	5214583540	5337931960	4481650800	5059908952	7
Aroclor-1268-1	(1)	554131487	553810328	564174560	591076320	593868340	571412207	3

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	512614105	511079256	520949472	543420336	536655740	524943782	3
Aroclor-1268-3	(3)	413643589	412567932	420525622	442592008	450889440	428043718	4
Aroclor-1268-4	(4)	153729603	155030577	163078820	169661456	165174880	161335067	4
Aroclor-1268-5	(5)	1087226853	1077982207	1085826158	1121186428	1093500600	1093144449	2
Decachlorobiphenyl		4950835750	4972853373	5123922200	5430816080	5582978400	5212281161	5
Tetrachloro-m-xylene		5266816140	5271127760	5328349480	5507659840	5128975000	5300585644	3

Raw Data

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Instrument ID: ECD_O **Date(s) Analyzed:** 02/20/2025 02/21/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.91	3.81	4.01	131879000
		2	4.00	3.90	4.10	98701000
		3	4.07	3.97	4.17	269838000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.07	3.97	4.17	208928000
		2	4.57	4.47	4.67	116083000
		3	4.81	4.71	4.91	201936000
		4	4.99	4.89	5.09	111220000
		5	5.03	4.93	5.13	81668600
Aroclor-1262	500	1	6.85	6.75	6.95	665842000
		2	7.35	7.25	7.45	1129720000
		3	7.63	7.53	7.73	448264000
		4	7.70	7.60	7.80	829210000
		5	8.19	8.09	8.29	373330000

Raw Data

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Instrument ID: ECD_O **Date(s) Analyzed:** 02/20/2025 02/21/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.91	3.81	4.01	68502400
		2	3.99	3.89	4.09	51339800
		3	4.07	3.97	4.17	145428000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.07	3.97	4.17	111462000
		2	4.80	4.70	4.90	103317000
		3	4.97	4.87	5.07	56771800
		4	5.06	4.96	5.16	54894600
		5	5.23	5.13	5.33	58805000
Aroclor-1262	500	1	6.81	6.71	6.91	317212000
		2	7.31	7.21	7.41	498620000
		3	7.60	7.50	7.70	196255000
		4	7.66	7.56	7.76	354890000
		5	8.15	8.05	8.25	143138000

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109426.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 16:46
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: Feb 21 02:01:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:00:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.697	3.694	959.4E6	518.6E6	101.979	99.330
2)	SA Decachlor...	8.757	8.706	814.4E6	297.2E6	95.337	94.154
	Target Compounds						
3)	L1 AR-1016-1	4.792	4.777	286.0E6	144.4E6	947.879	949.948
4)	L1 AR-1016-2	4.811	4.797	400.3E6	205.2E6	965.511	961.439
5)	L1 AR-1016-3	4.867	4.972	275.7E6	112.3E6	952.692	958.107
6)	L1 AR-1016-4	4.988	5.014	217.8E6	94709981	963.891	936.192
7)	L1 AR-1016-5	5.246	5.228	234.9E6	124.4E6	931.212	937.977
31)	L7 AR-1260-1	6.288	6.261	432.9E6	217.9E6	945.041	936.394
32)	L7 AR-1260-2	6.477	6.448	530.6E6	255.6E6	964.756	950.643
33)	L7 AR-1260-3	6.845	6.602	446.1E6	239.3E6	962.297	957.595
34)	L7 AR-1260-4	7.106	7.073	409.2E6	194.0E6	960.466	959.295
35)	L7 AR-1260-5	7.347	7.314	975.2E6	436.1E6	973.819	982.677

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

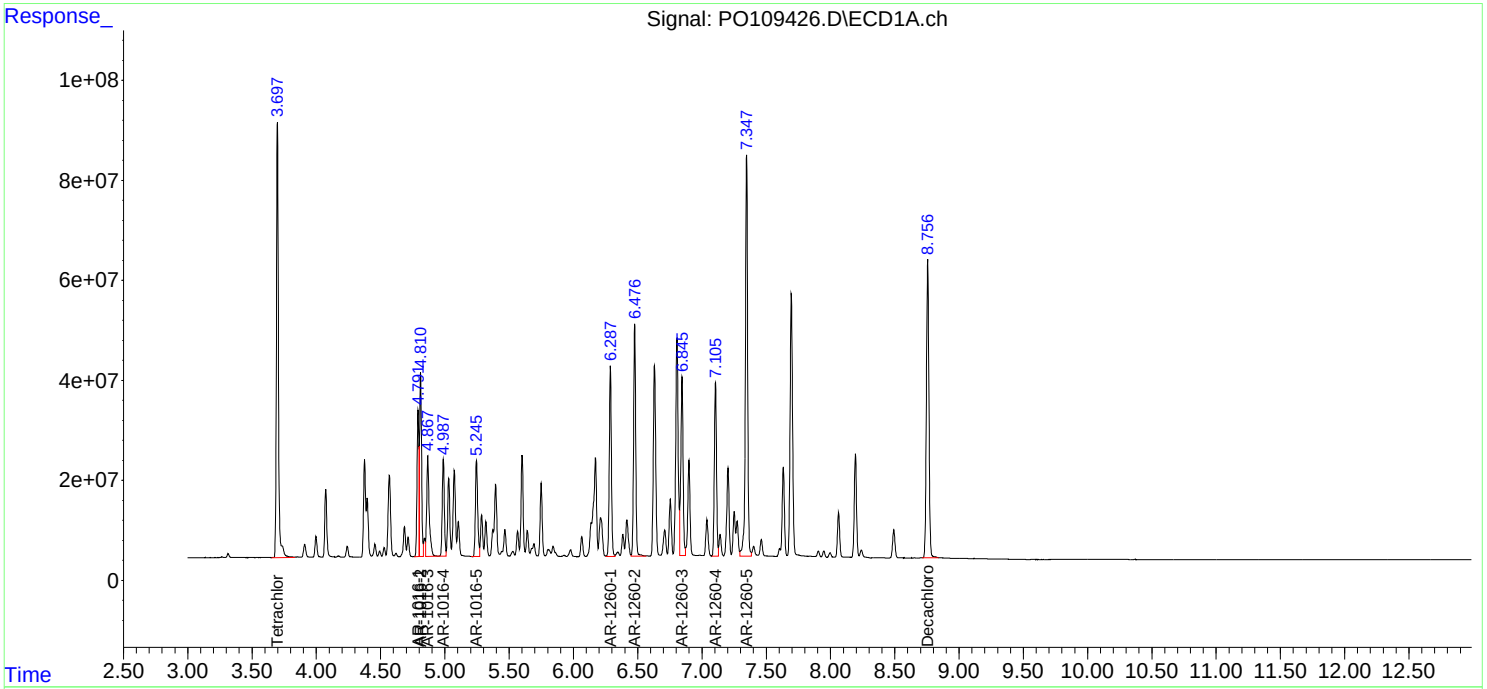
ICAL Form

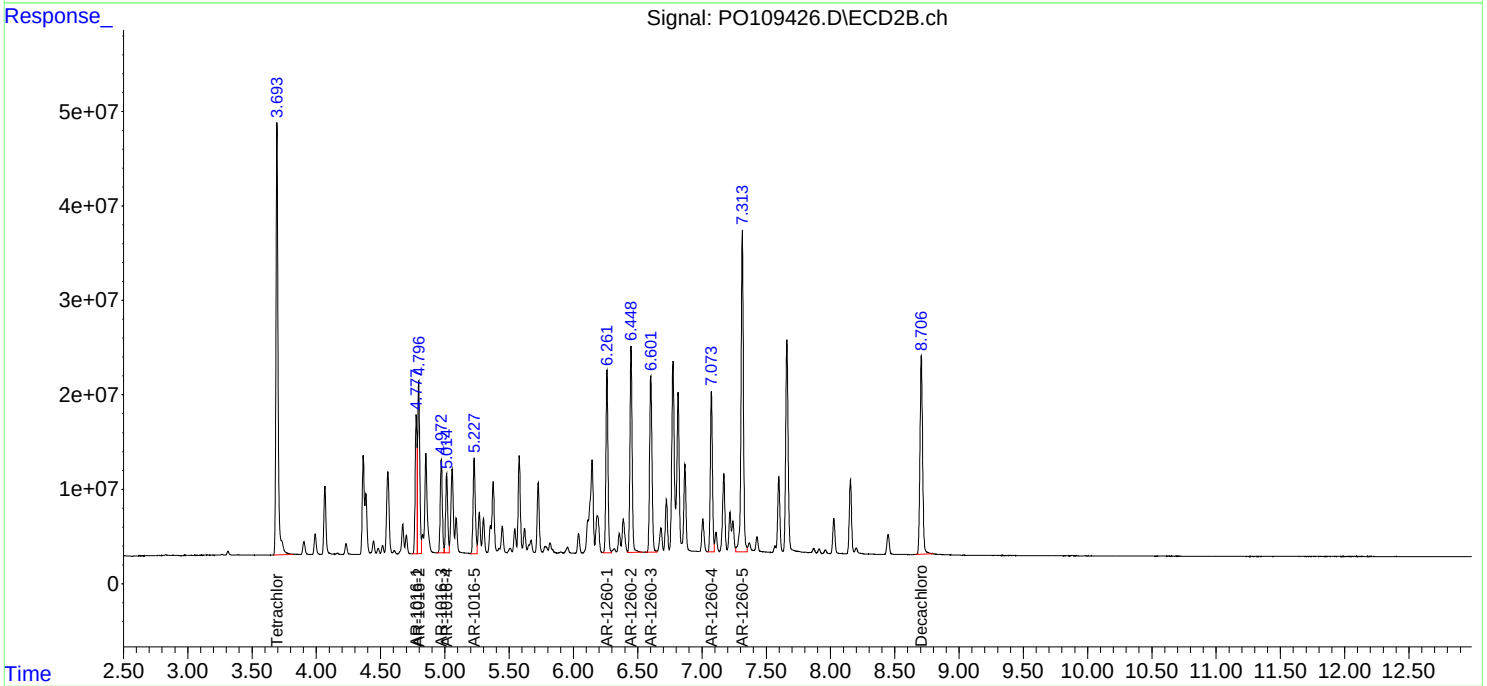
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109426.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 16:46
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

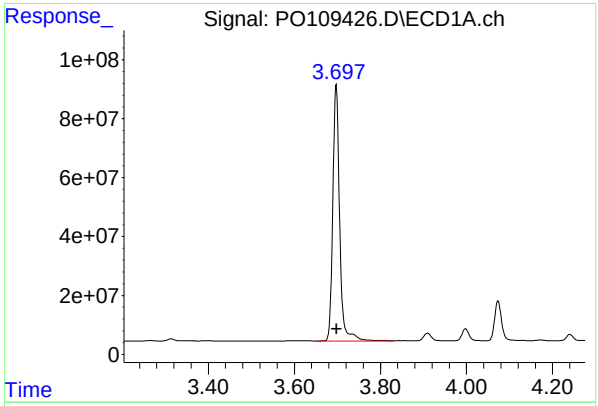
Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:01:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:00:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



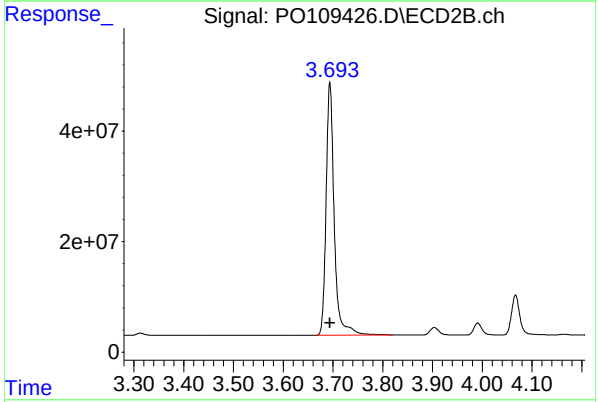




#1 Tetrachloro-m-xylene

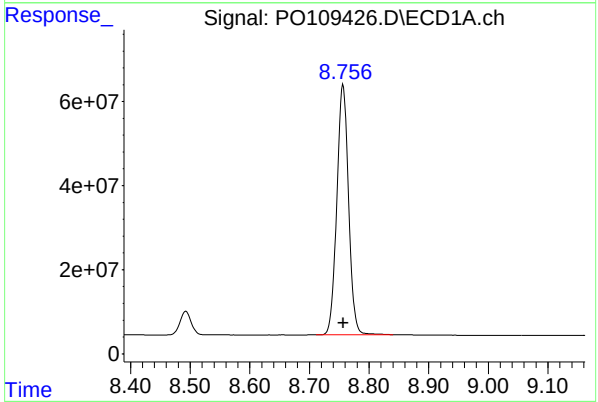
R.T.: 3.697 min
Delta R.T.: 0.000 min
Response: 959415987
Conc: 101.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



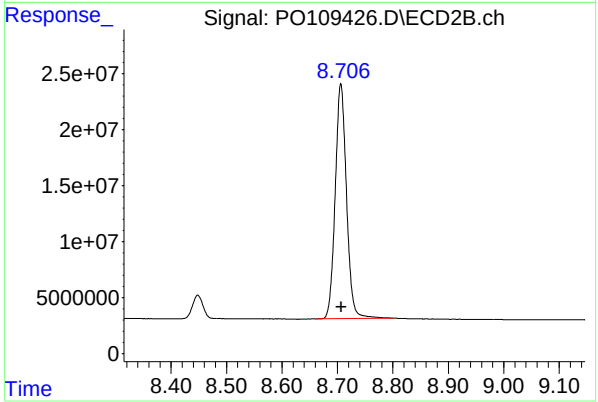
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 518627249
Conc: 99.33 ng/ml



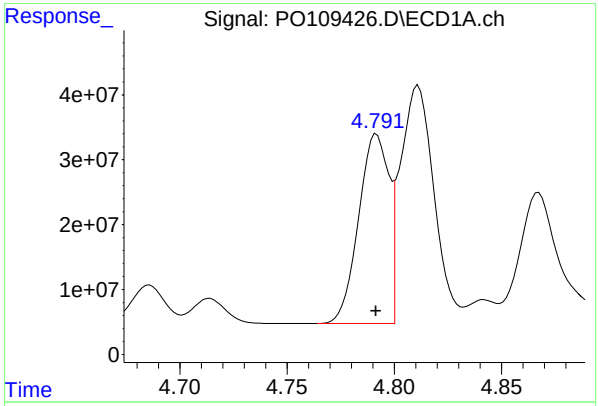
#2 Decachlorobiphenyl

R.T.: 8.757 min
Delta R.T.: 0.000 min
Response: 814438171
Conc: 95.34 ng/ml



#2 Decachlorobiphenyl

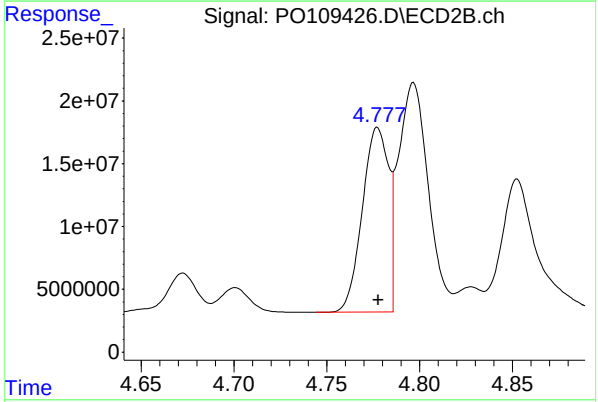
R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 297151429
Conc: 94.15 ng/ml



#3 AR-1016-1

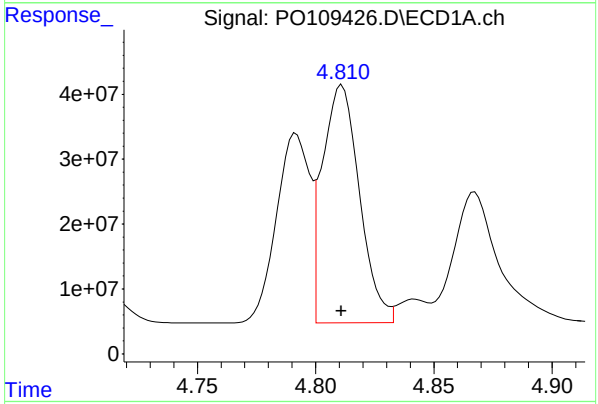
R.T.: 4.792 min
Delta R.T.: 0.000 min
Response: 285955176
Conc: 947.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



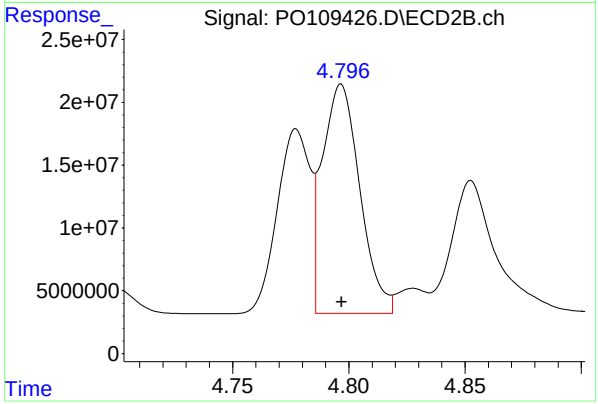
#3 AR-1016-1

R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 144422659
Conc: 949.95 ng/ml



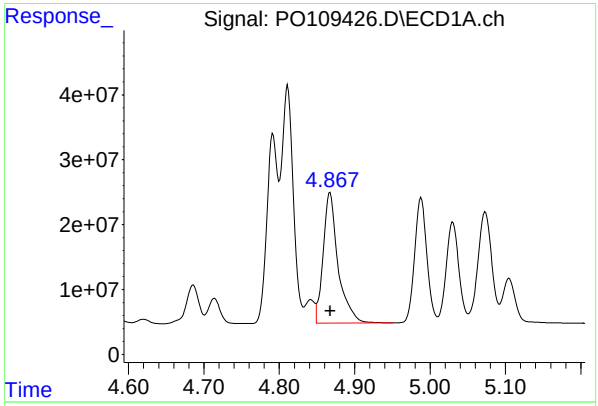
#4 AR-1016-2

R.T.: 4.811 min
Delta R.T.: 0.000 min
Response: 400344510
Conc: 965.51 ng/ml



#4 AR-1016-2

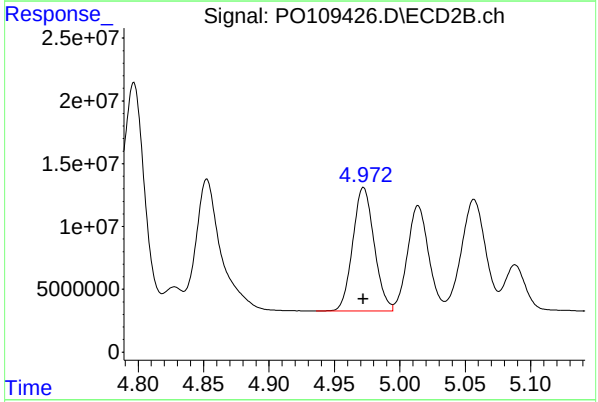
R.T.: 4.797 min
Delta R.T.: 0.000 min
Response: 205202725
Conc: 961.44 ng/ml



#5 AR-1016-3

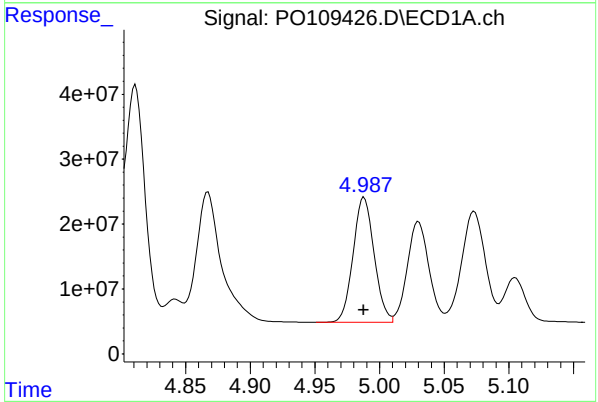
R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 275712654
Conc: 952.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



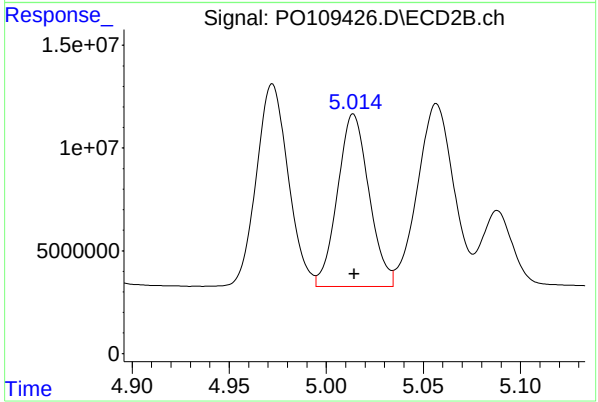
#5 AR-1016-3

R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 112302196
Conc: 958.11 ng/ml



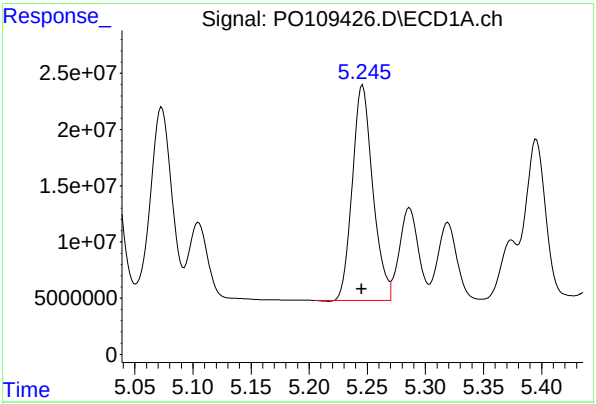
#6 AR-1016-4

R.T.: 4.988 min
Delta R.T.: 0.000 min
Response: 217819857
Conc: 963.89 ng/ml



#6 AR-1016-4

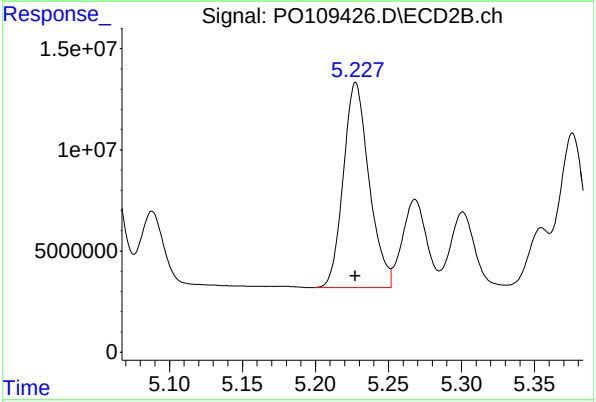
R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 94709981
Conc: 936.19 ng/ml



#7 AR-1016-5

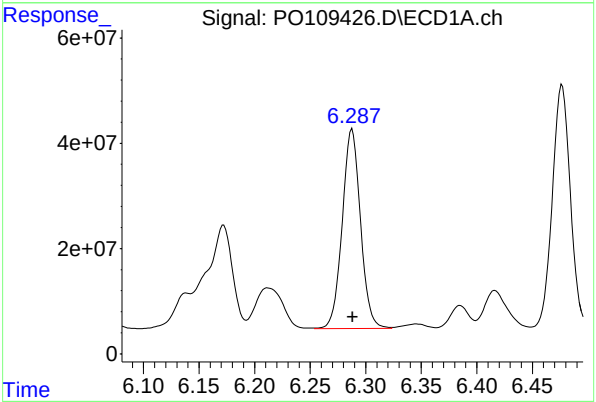
R.T.: 5.246 min
Delta R.T.: 0.000 min
Response: 234915990
Conc: 931.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



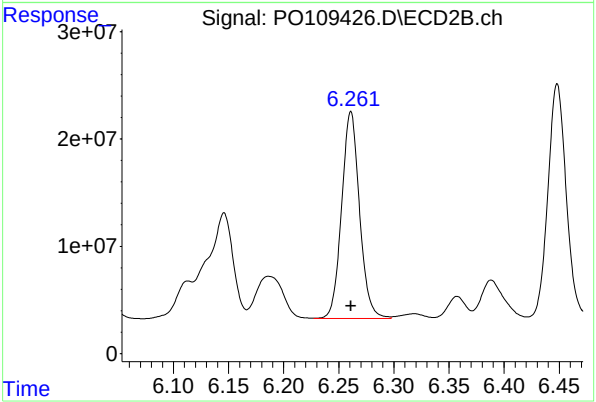
#7 AR-1016-5

R.T.: 5.228 min
Delta R.T.: 0.000 min
Response: 124417087
Conc: 937.98 ng/ml



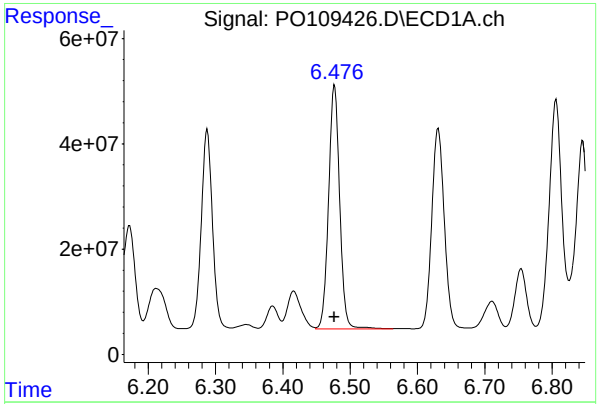
#31 AR-1260-1

R.T.: 6.288 min
Delta R.T.: 0.000 min
Response: 432857882
Conc: 945.04 ng/ml



#31 AR-1260-1

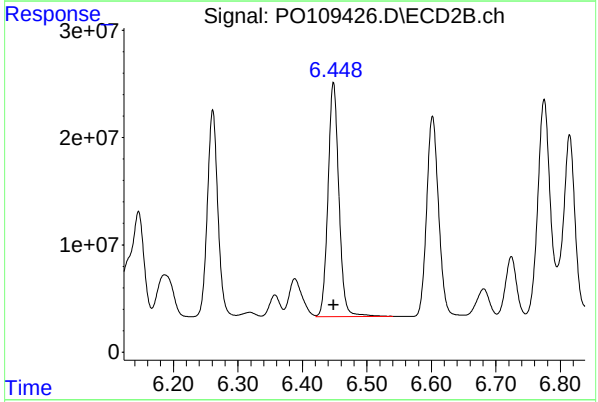
R.T.: 6.261 min
Delta R.T.: 0.000 min
Response: 217936136
Conc: 936.39 ng/ml



#32 AR-1260-2

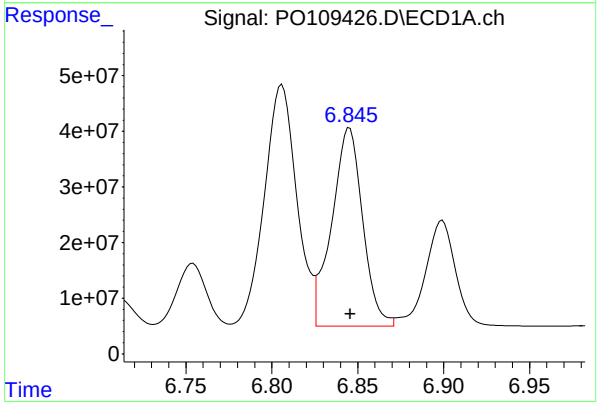
R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 530613873
Conc: 964.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



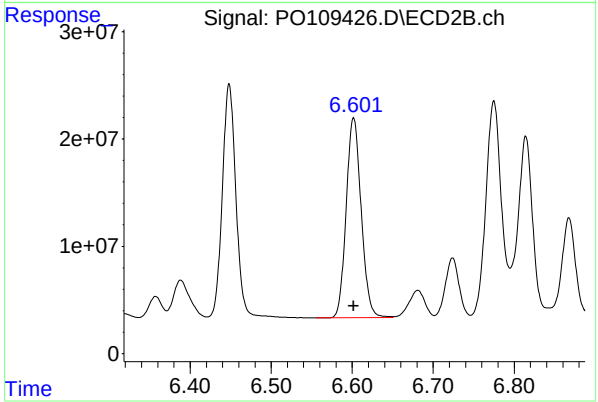
#32 AR-1260-2

R.T.: 6.448 min
Delta R.T.: 0.000 min
Response: 255563339
Conc: 950.64 ng/ml



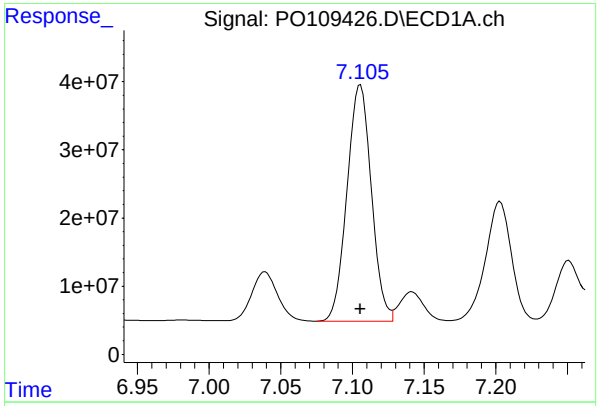
#33 AR-1260-3

R.T.: 6.845 min
Delta R.T.: 0.000 min
Response: 446055940
Conc: 962.30 ng/ml



#33 AR-1260-3

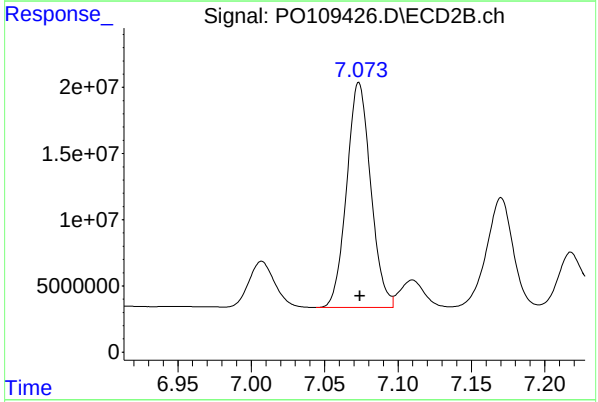
R.T.: 6.602 min
Delta R.T.: 0.000 min
Response: 239301078
Conc: 957.60 ng/ml



#34 AR-1260-4

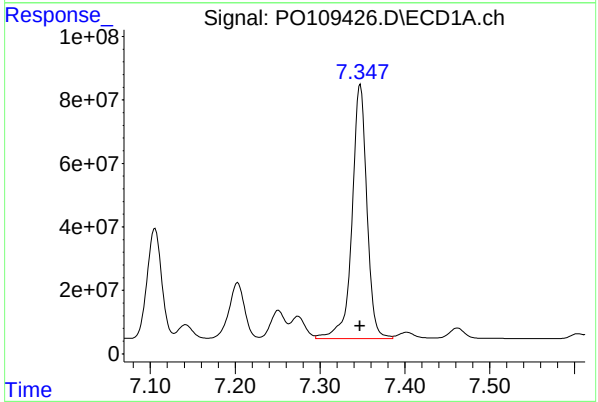
R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 409227231
Conc: 960.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



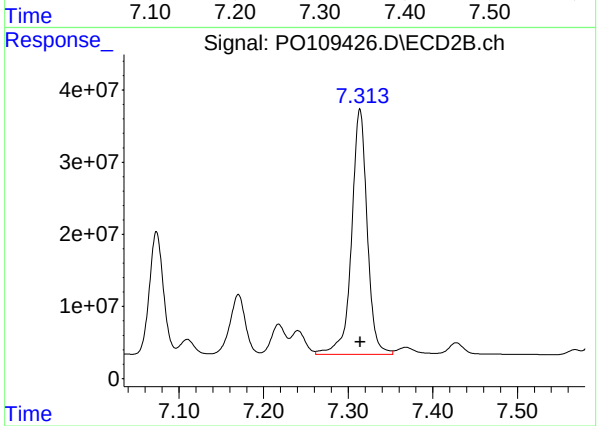
#34 AR-1260-4

R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 193987222
Conc: 959.29 ng/ml



#35 AR-1260-5

R.T.: 7.347 min
Delta R.T.: 0.000 min
Response: 975246933
Conc: 973.82 ng/ml



#35 AR-1260-5

R.T.: 7.314 min
Delta R.T.: 0.000 min
Response: 436097628
Conc: 982.68 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109427.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 17:04
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: Feb 21 02:01:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:00:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.697	3.694	703.7E6	393.5E6	74.797	75.361
2) SA	Decachlor...	8.756	8.707	619.0E6	227.0E6	72.459	71.935
	Target Compounds						
3) L1	AR-1016-1	4.792	4.777	222.4E6	111.3E6	737.053	732.224
4) L1	AR-1016-2	4.811	4.797	306.9E6	156.4E6	740.060	732.696
5) L1	AR-1016-3	4.868	4.972	213.6E6	86300545	737.941	736.273
6) L1	AR-1016-4	4.988	5.014	168.4E6	74038301	745.007	731.856
7) L1	AR-1016-5	5.246	5.227	183.1E6	95957712	725.929	723.422
31) L7	AR-1260-1	6.288	6.261	333.8E6	167.8E6	728.713	721.133
32) L7	AR-1260-2	6.477	6.448	405.4E6	194.5E6	737.182	723.592
33) L7	AR-1260-3	6.845	6.602	344.0E6	181.6E6	742.158	726.793
34) L7	AR-1260-4	7.106	7.073	312.8E6	147.7E6	734.167	730.335
35) L7	AR-1260-5	7.347	7.314	736.8E6	326.7E6	735.724	736.076

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

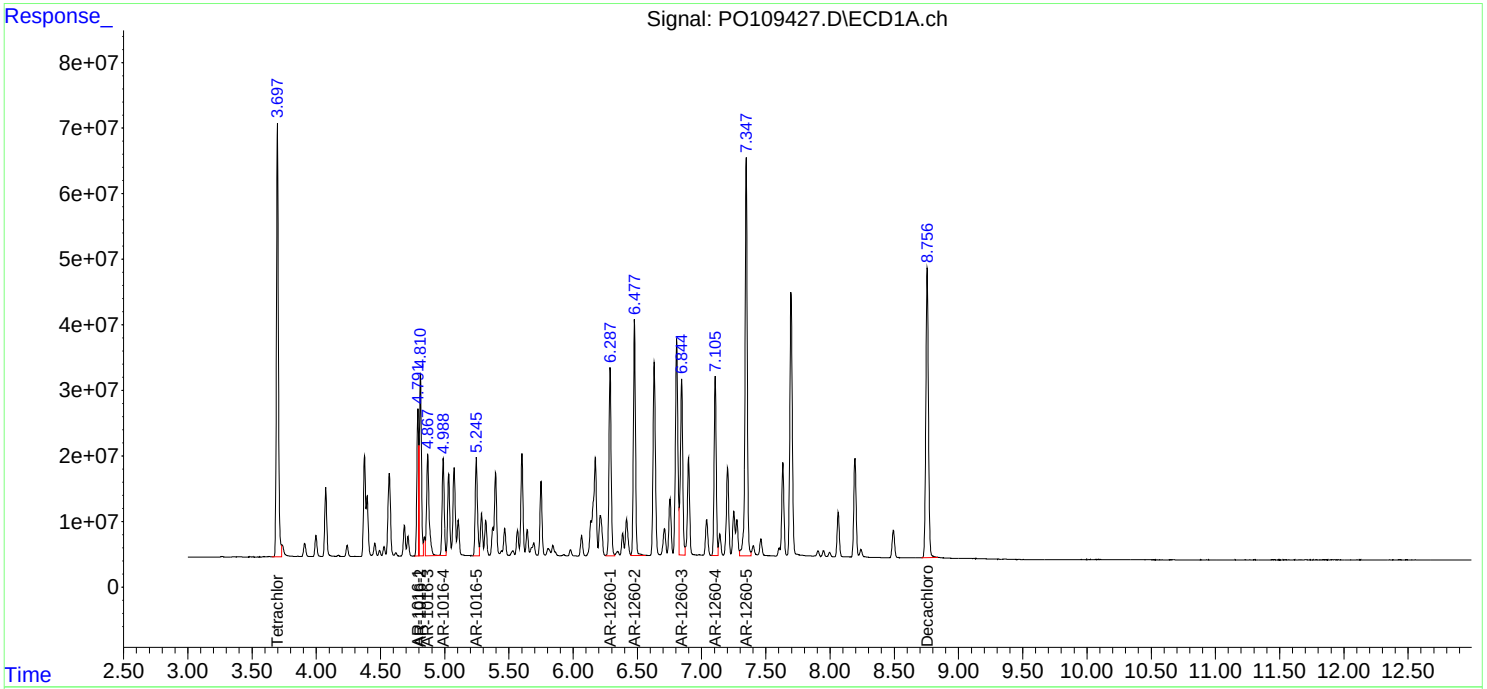
ICAL Form

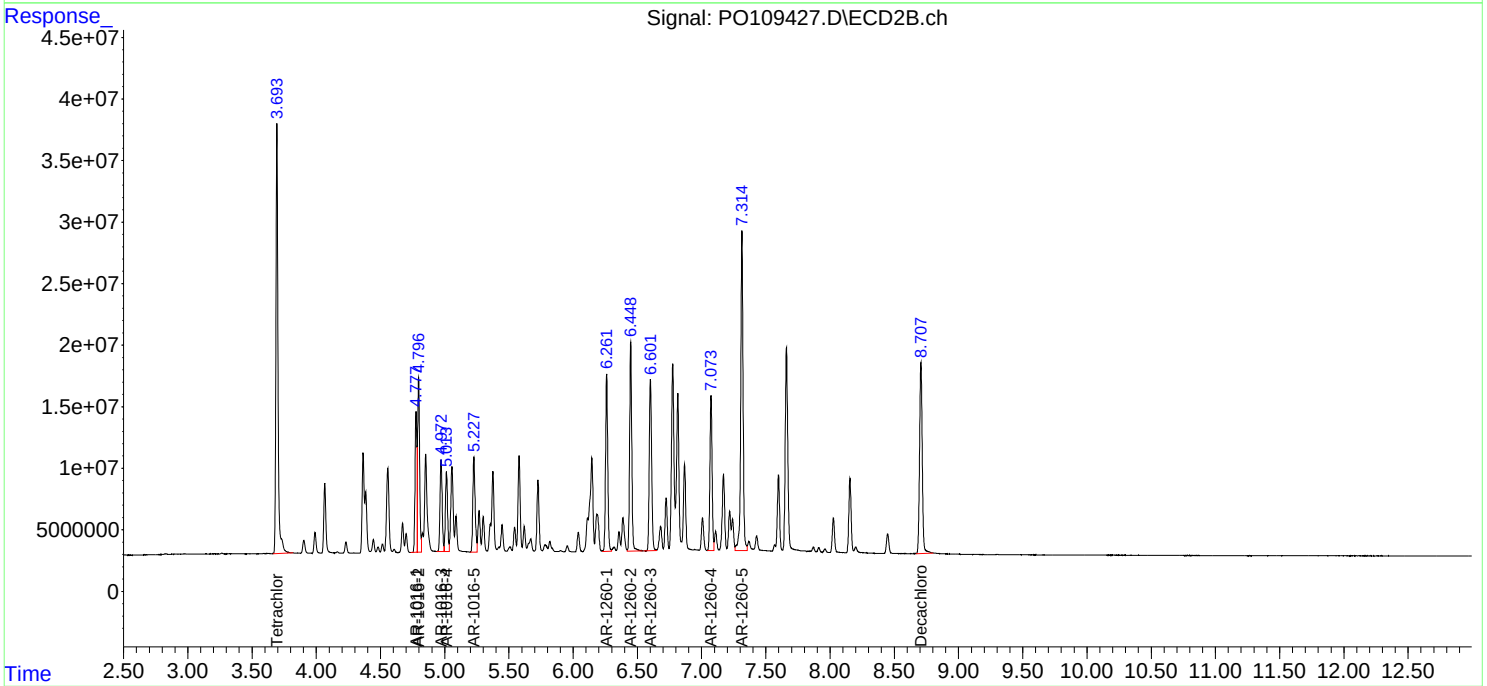
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109427.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 17:04
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

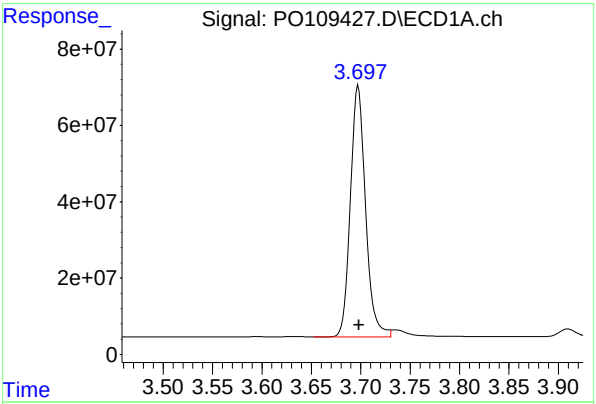
Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:01:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:00:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



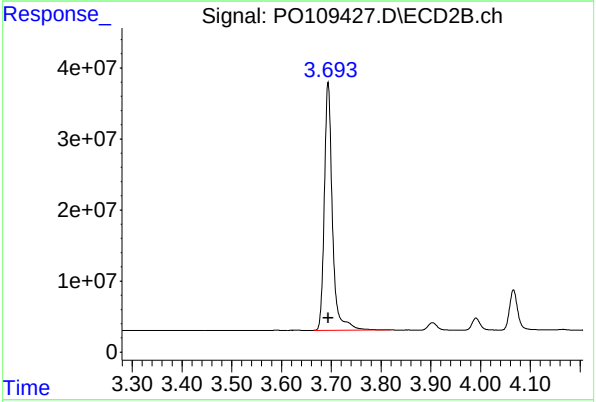




#1 Tetrachloro-m-xylene

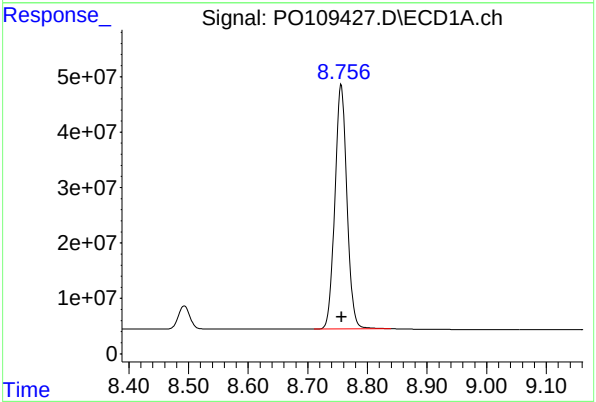
R.T.: 3.697 min
Delta R.T.: 0.000 min
Response: 703683133
Conc: 74.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



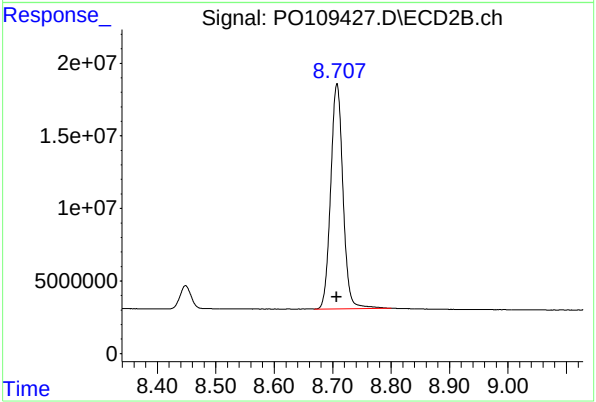
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 393480021
Conc: 75.36 ng/ml



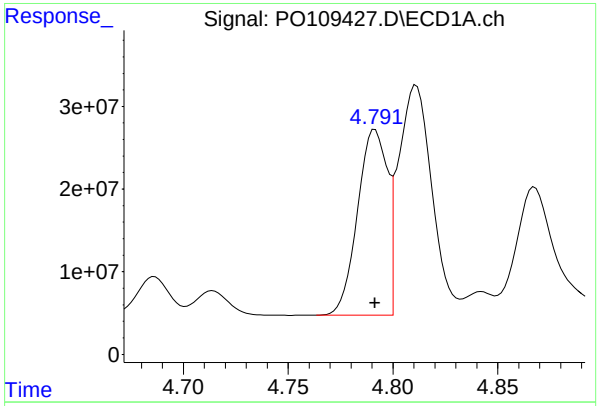
#2 Decachlorobiphenyl

R.T.: 8.756 min
Delta R.T.: 0.000 min
Response: 619000268
Conc: 72.46 ng/ml



#2 Decachlorobiphenyl

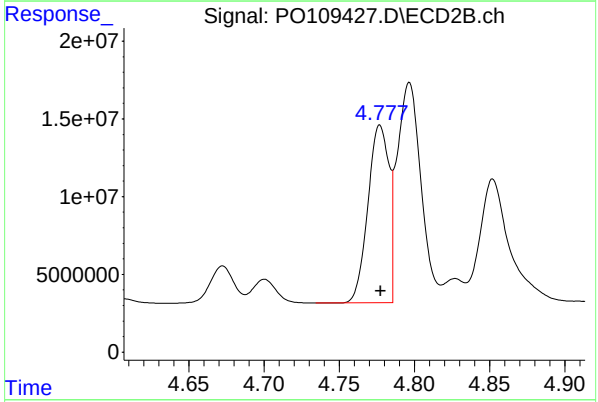
R.T.: 8.707 min
Delta R.T.: 0.000 min
Response: 227027948
Conc: 71.93 ng/ml



#3 AR-1016-1

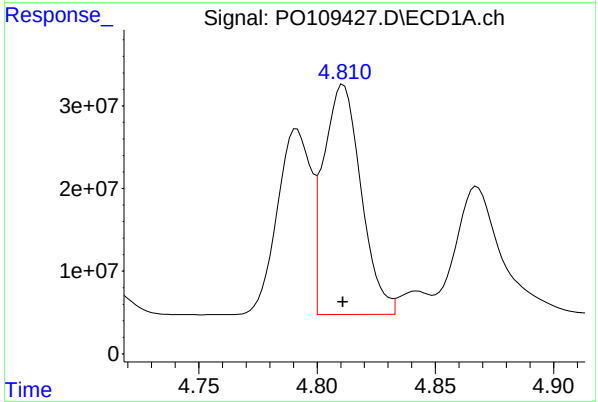
R.T.: 4.792 min
Delta R.T.: 0.000 min
Response: 222353182
Conc: 737.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



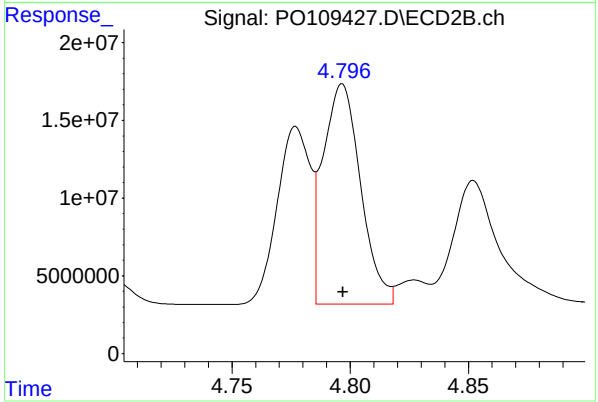
#3 AR-1016-1

R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 111321572
Conc: 732.22 ng/ml



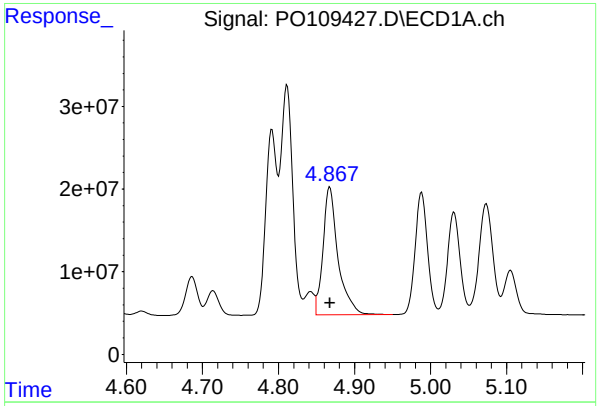
#4 AR-1016-2

R.T.: 4.811 min
Delta R.T.: 0.000 min
Response: 306862102
Conc: 740.06 ng/ml



#4 AR-1016-2

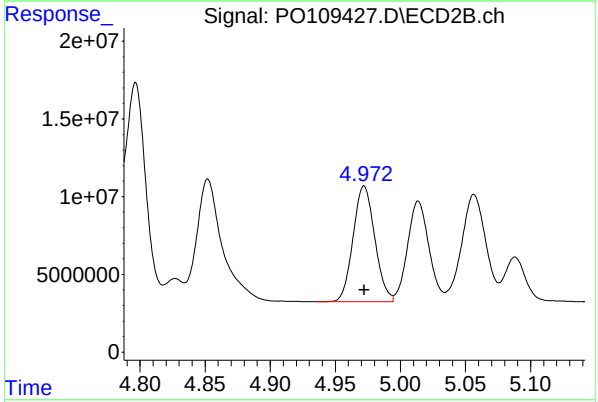
R.T.: 4.797 min
Delta R.T.: 0.000 min
Response: 156381547
Conc: 732.70 ng/ml



#5 AR-1016-3

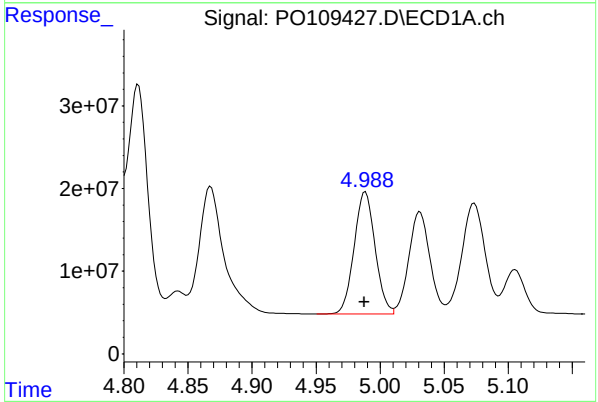
R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 213562897
Conc: 737.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



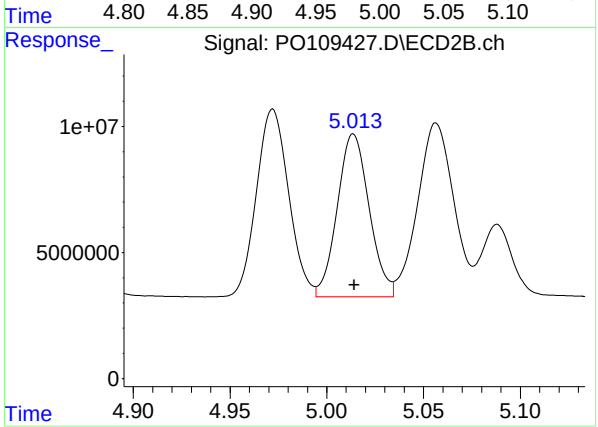
#5 AR-1016-3

R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 86300545
Conc: 736.27 ng/ml



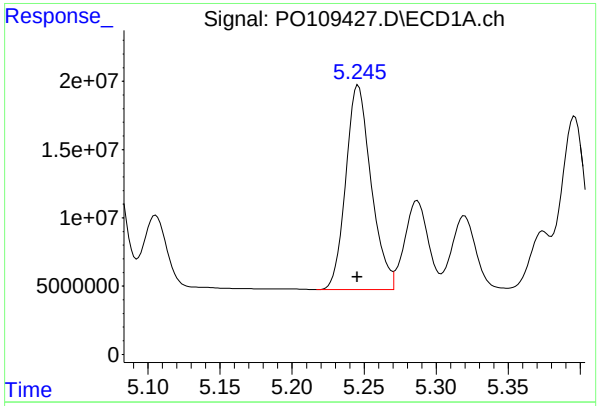
#6 AR-1016-4

R.T.: 4.988 min
Delta R.T.: 0.000 min
Response: 168356535
Conc: 745.01 ng/ml



#6 AR-1016-4

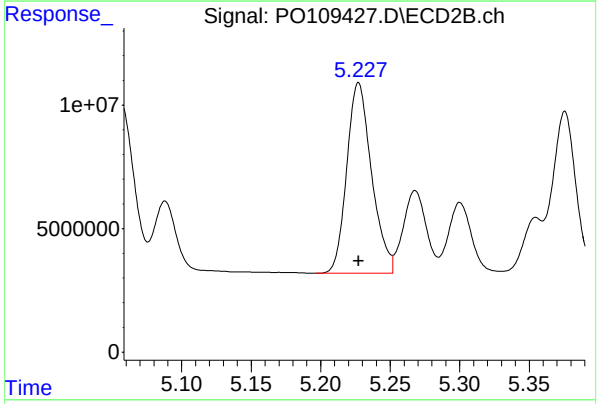
R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 74038301
Conc: 731.86 ng/ml



#7 AR-1016-5

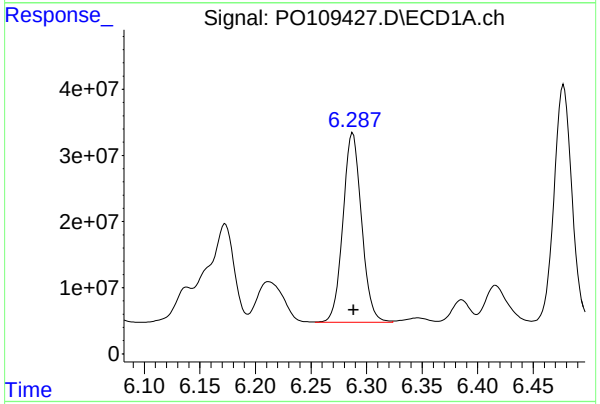
R.T.: 5.246 min
Delta R.T.: 0.000 min
Response: 183129369
Conc: 725.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



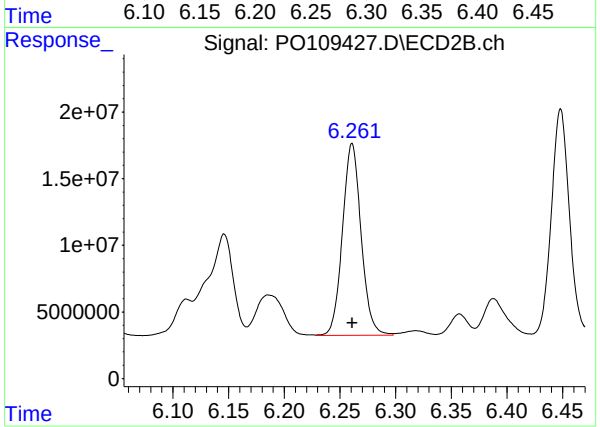
#7 AR-1016-5

R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 95957712
Conc: 723.42 ng/ml



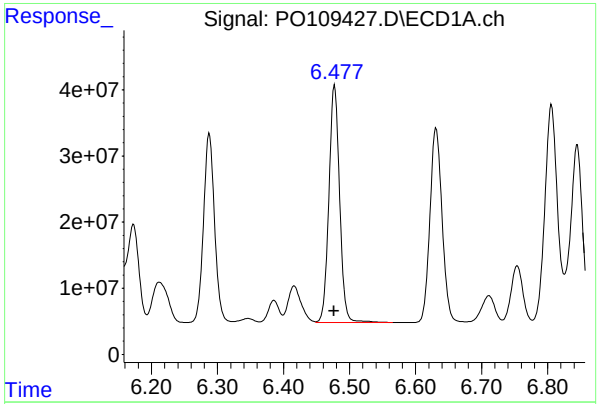
#31 AR-1260-1

R.T.: 6.288 min
Delta R.T.: 0.000 min
Response: 333772962
Conc: 728.71 ng/ml



#31 AR-1260-1

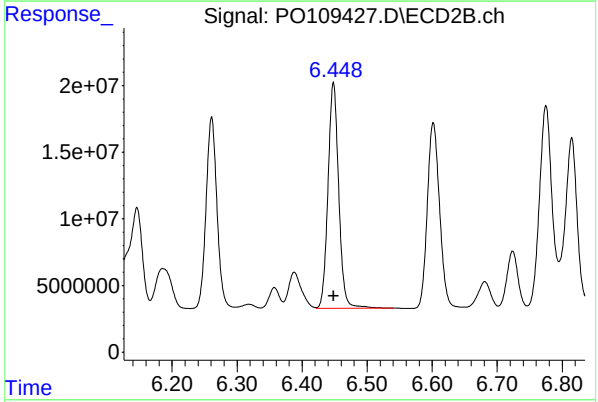
R.T.: 6.261 min
Delta R.T.: 0.000 min
Response: 167836510
Conc: 721.13 ng/ml



#32 AR-1260-2

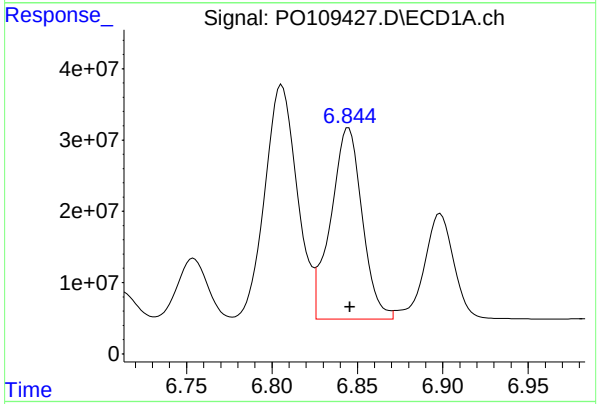
R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 405448607
Conc: 737.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



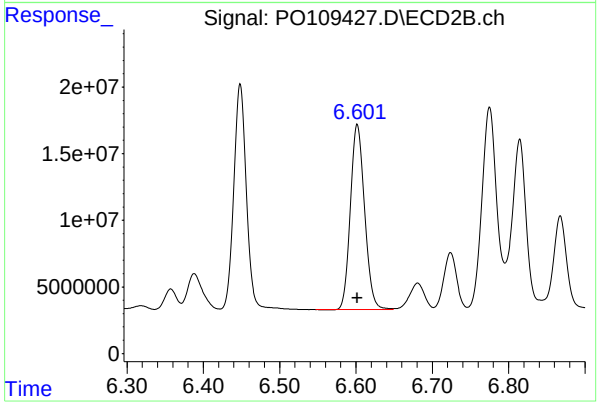
#32 AR-1260-2

R.T.: 6.448 min
Delta R.T.: 0.000 min
Response: 194524794
Conc: 723.59 ng/ml



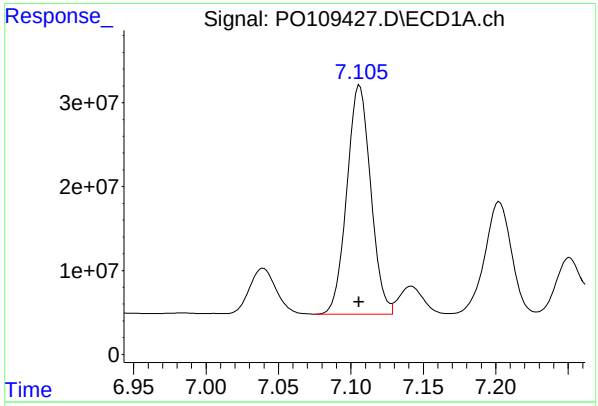
#33 AR-1260-3

R.T.: 6.845 min
Delta R.T.: 0.000 min
Response: 344014366
Conc: 742.16 ng/ml



#33 AR-1260-3

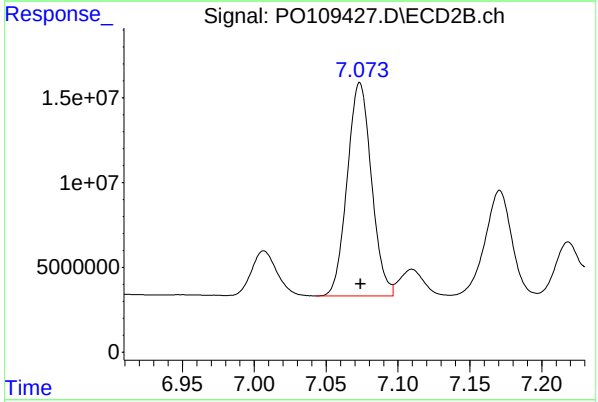
R.T.: 6.602 min
Delta R.T.: 0.000 min
Response: 181624101
Conc: 726.79 ng/ml



#34 AR-1260-4

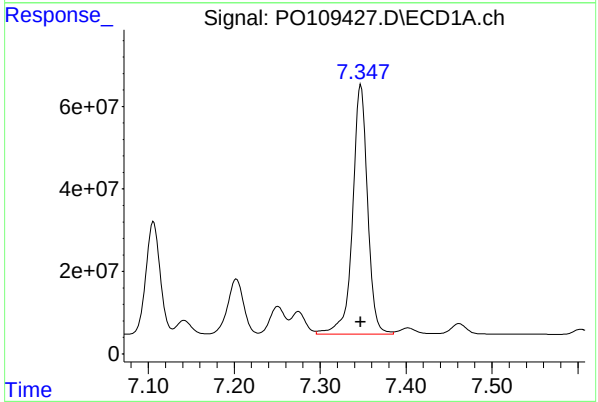
R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 312807802
Conc: 734.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



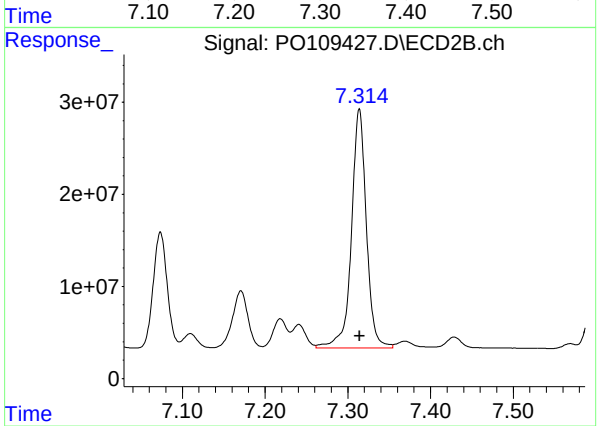
#34 AR-1260-4

R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 147687397
Conc: 730.34 ng/ml



#35 AR-1260-5

R.T.: 7.347 min
Delta R.T.: 0.000 min
Response: 736802179
Conc: 735.72 ng/ml



#35 AR-1260-5

R.T.: 7.314 min
Delta R.T.: 0.000 min
Response: 326659673
Conc: 736.08 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109428.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 17:23
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: Feb 21 02:01:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:00:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.698	3.694	470.4E6	261.1E6	50.000	50.000
2) SA	Decachlor...	8.757	8.707	427.1E6	157.8E6	50.000	50.000
	Target Compounds						
3) L1	AR-1016-1	4.791	4.778	150.8E6	76016048	500.000	500.000
4) L1	AR-1016-2	4.811	4.797	207.3E6	106.7E6	500.000	500.000
5) L1	AR-1016-3	4.867	4.972	144.7E6	58606311	500.000	500.000
6) L1	AR-1016-4	4.988	5.014	113.0E6	50582551	500.000	500.000
7) L1	AR-1016-5	5.245	5.227	126.1E6	66322049	500.000	500.000
31) L7	AR-1260-1	6.288	6.261	229.0E6	116.4E6	500.000	500.000
32) L7	AR-1260-2	6.477	6.448	275.0E6	134.4E6	500.000	500.000
33) L7	AR-1260-3	6.846	6.602	231.8E6	124.9E6	500.000	500.000
34) L7	AR-1260-4	7.105	7.074	213.0E6	101.1E6	500.000	500.000
35) L7	AR-1260-5	7.347	7.314	500.7E6	221.9E6	500.000	500.000

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

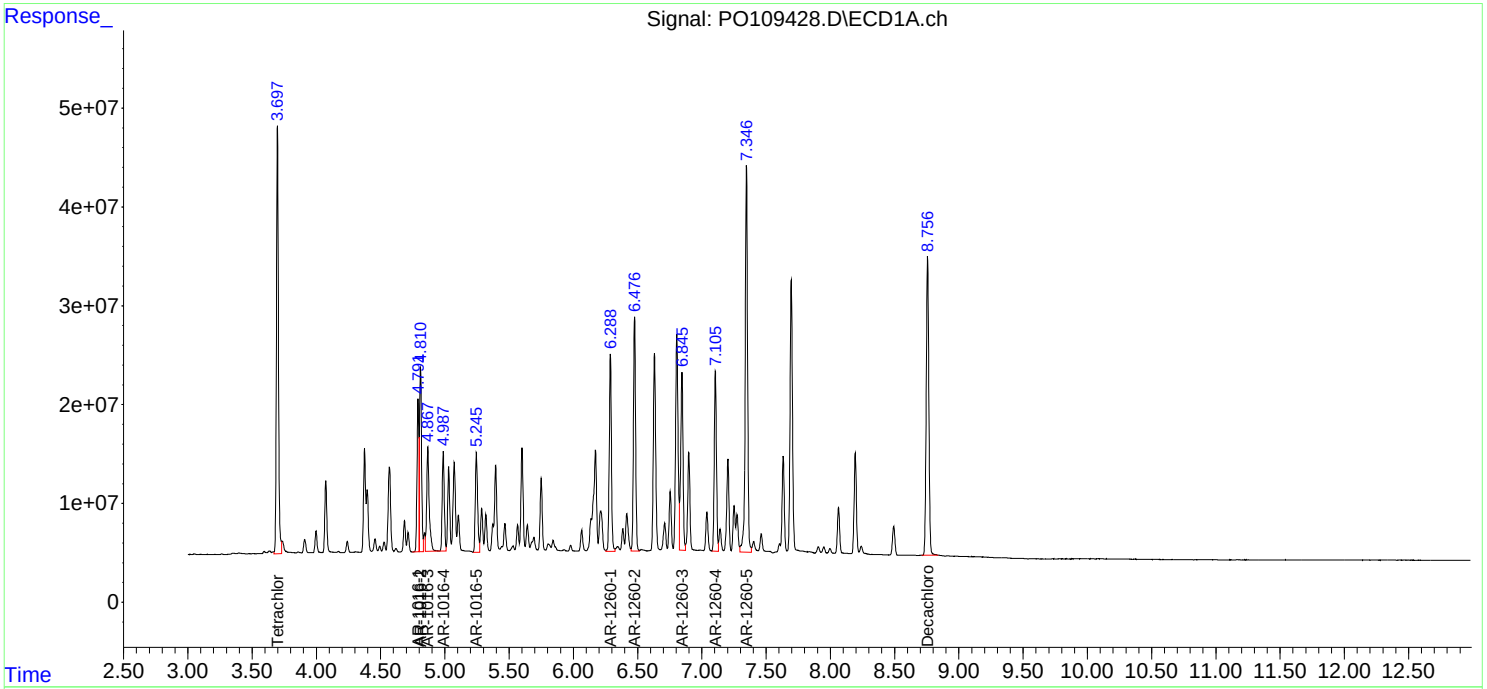
ICAL Form

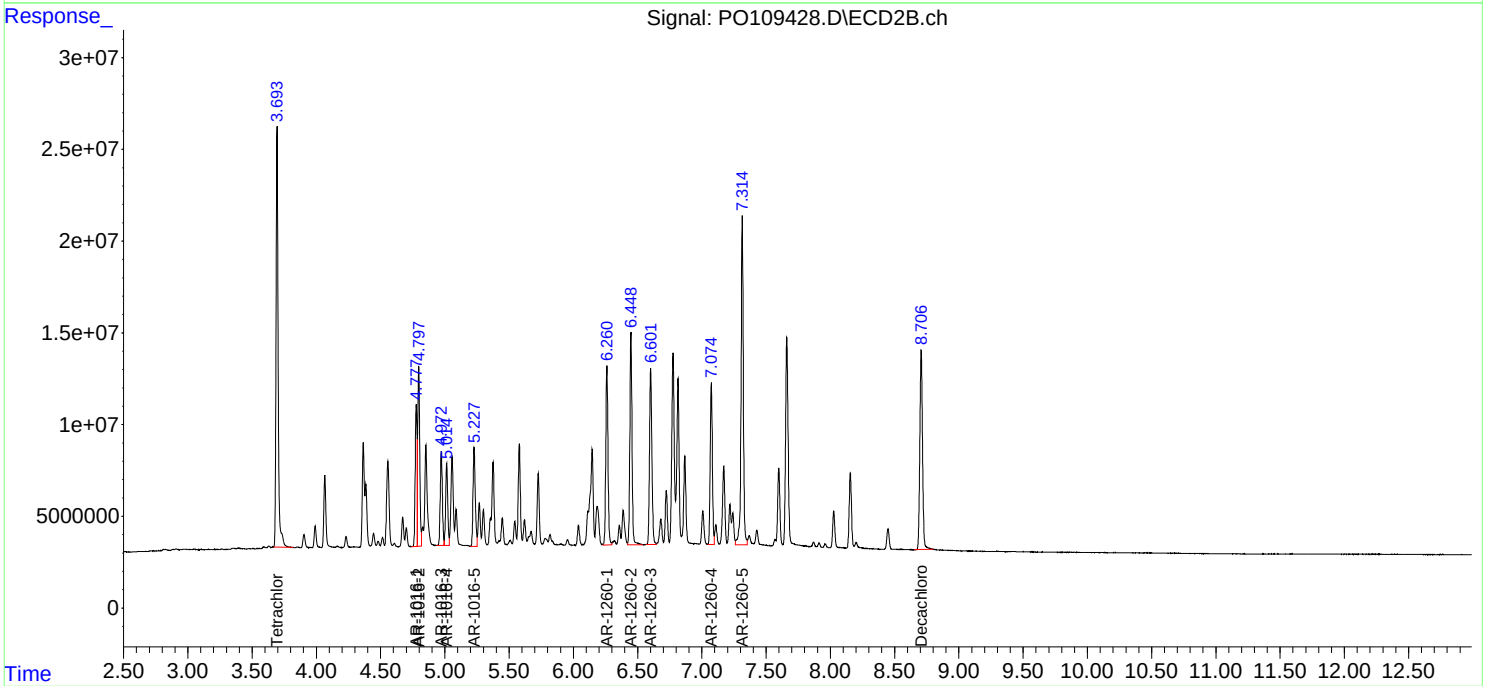
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109428.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 17:23
Operator : YP/AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

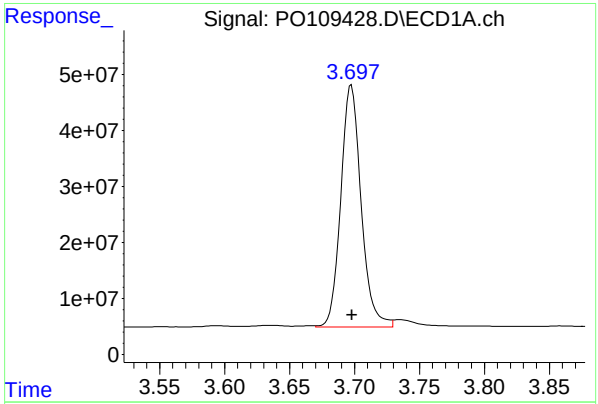
Instrument :
ECD_O
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:01:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:00:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



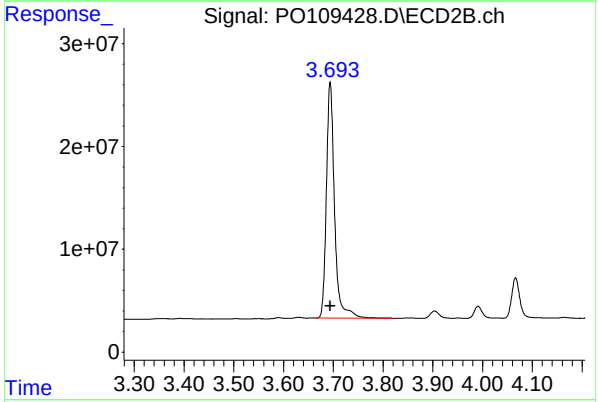




#1 Tetrachloro-m-xylene

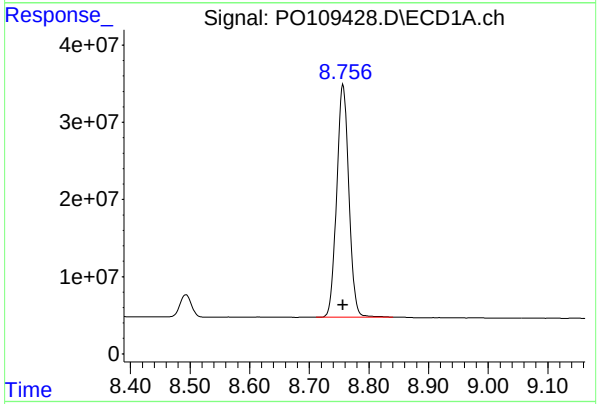
R.T.: 3.698 min
Delta R.T.: 0.000 min
Response: 470398249
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



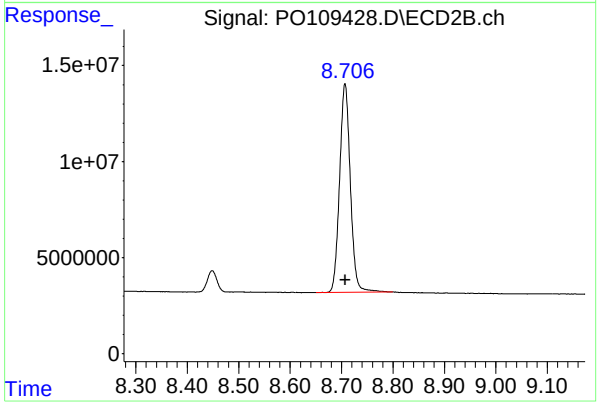
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 261062120
Conc: 50.00 ng/ml



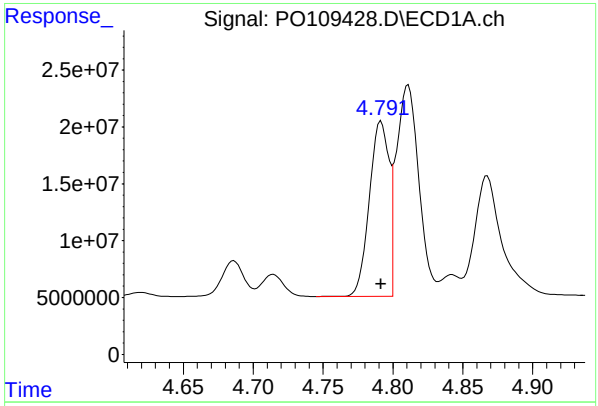
#2 Decachlorobiphenyl

R.T.: 8.757 min
Delta R.T.: 0.000 min
Response: 427135822
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

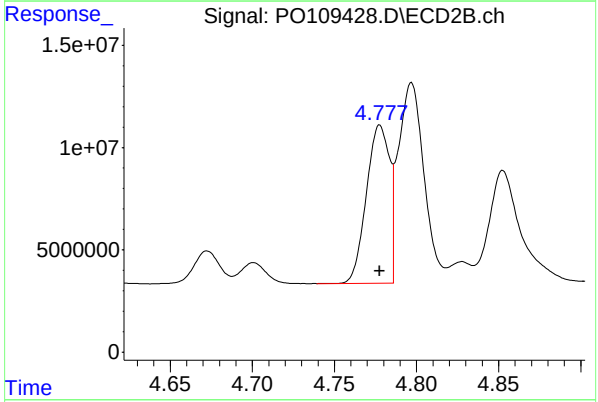
R.T.: 8.707 min
Delta R.T.: 0.000 min
Response: 157800973
Conc: 50.00 ng/ml



#3 AR-1016-1

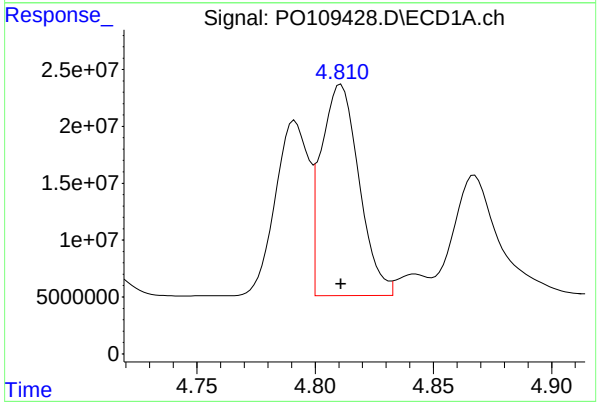
R.T.: 4.791 min
Delta R.T.: 0.000 min
Response: 150839440
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



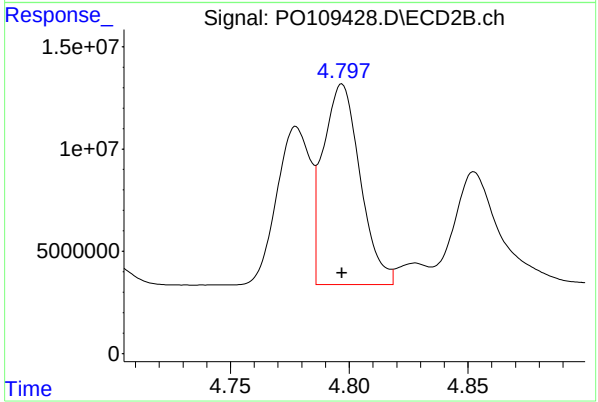
#3 AR-1016-1

R.T.: 4.778 min
Delta R.T.: 0.000 min
Response: 76016048
Conc: 500.00 ng/ml



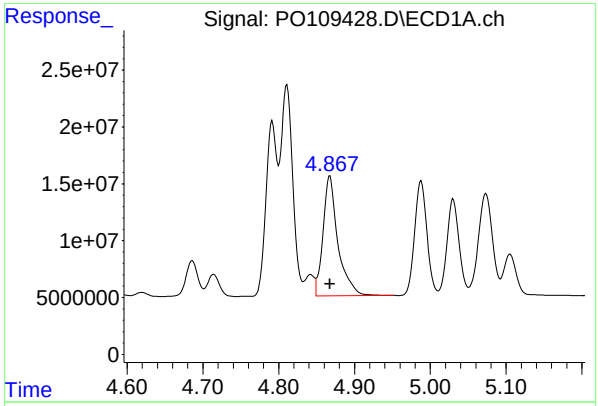
#4 AR-1016-2

R.T.: 4.811 min
Delta R.T.: 0.000 min
Response: 207322557
Conc: 500.00 ng/ml



#4 AR-1016-2

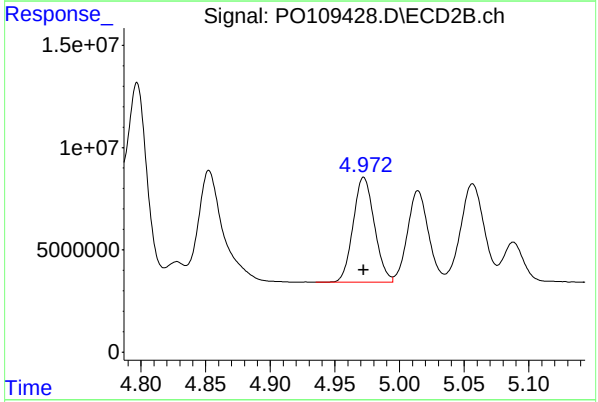
R.T.: 4.797 min
Delta R.T.: 0.000 min
Response: 106716497
Conc: 500.00 ng/ml



#5 AR-1016-3

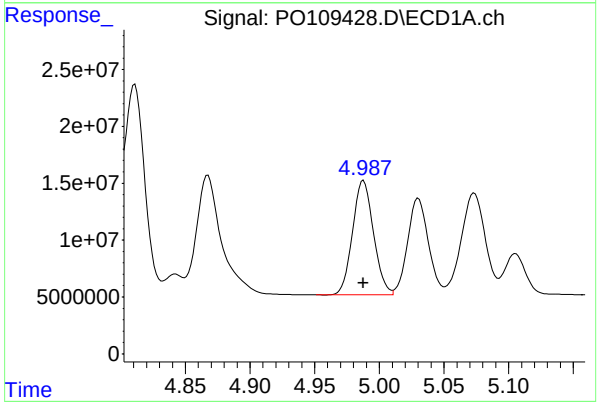
R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 144701899
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



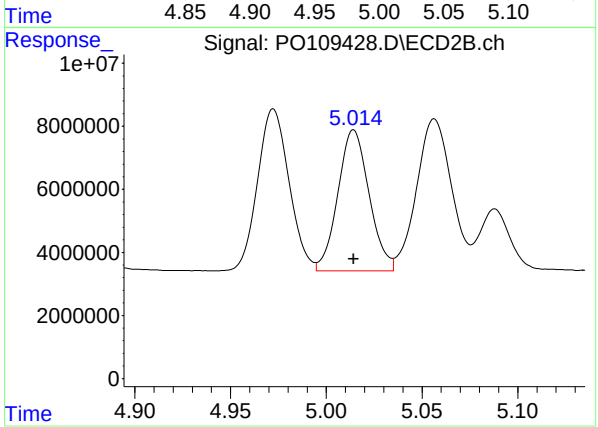
#5 AR-1016-3

R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 58606311
Conc: 500.00 ng/ml



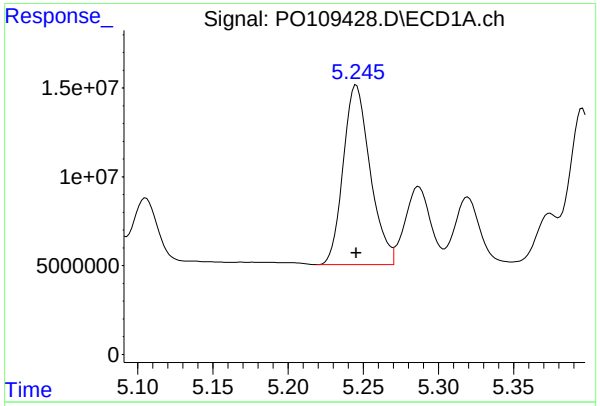
#6 AR-1016-4

R.T.: 4.988 min
Delta R.T.: 0.000 min
Response: 112989872
Conc: 500.00 ng/ml



#6 AR-1016-4

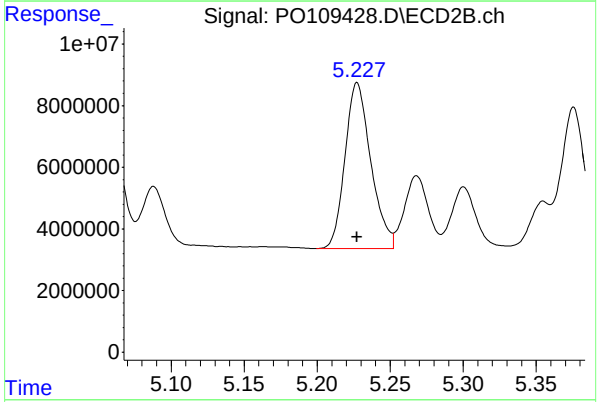
R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 50582551
Conc: 500.00 ng/ml



#7 AR-1016-5

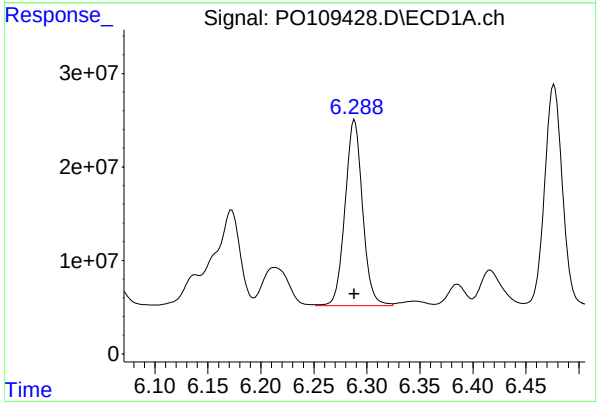
R.T.: 5.245 min
Delta R.T.: 0.000 min
Response: 126134524
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



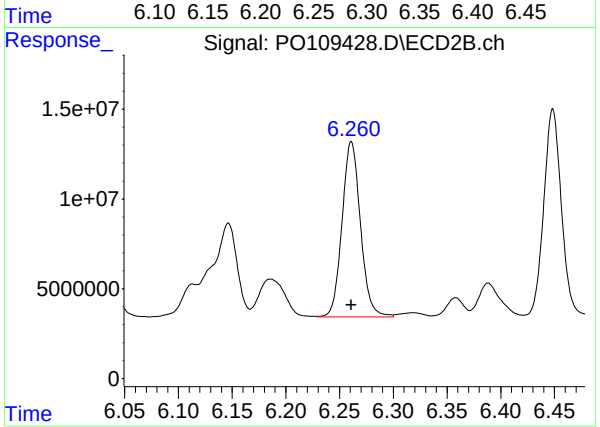
#7 AR-1016-5

R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 66322049
Conc: 500.00 ng/ml



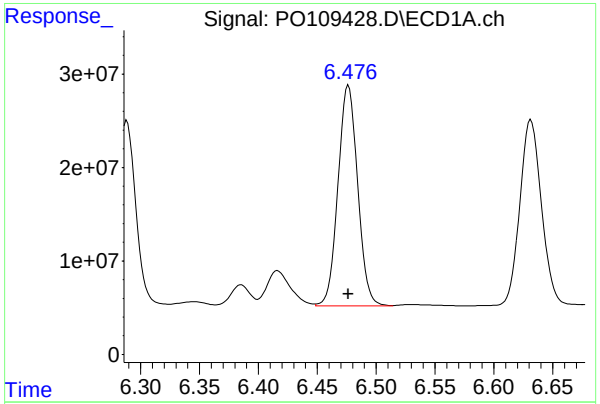
#31 AR-1260-1

R.T.: 6.288 min
Delta R.T.: 0.000 min
Response: 229015430
Conc: 500.00 ng/ml



#31 AR-1260-1

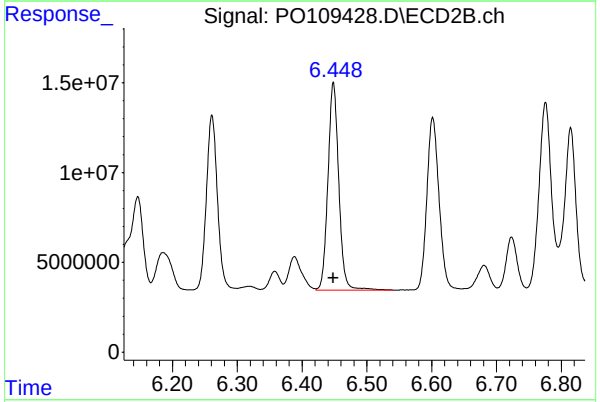
R.T.: 6.261 min
Delta R.T.: 0.000 min
Response: 116369952
Conc: 500.00 ng/ml



#32 AR-1260-2

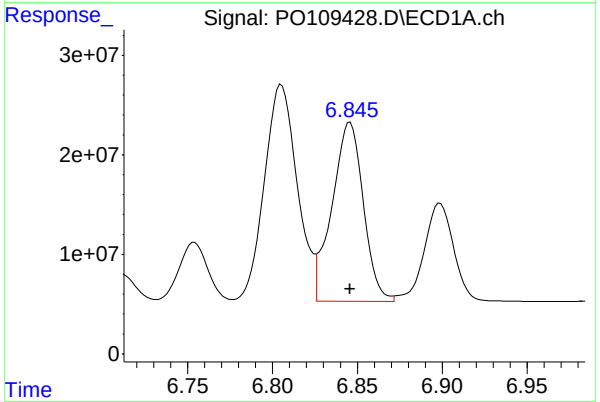
R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 274998884
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



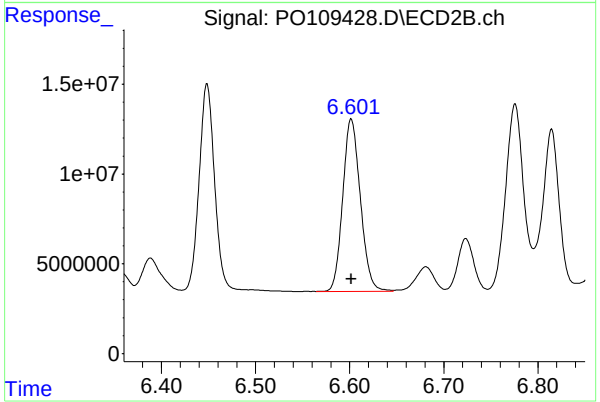
#32 AR-1260-2

R.T.: 6.448 min
Delta R.T.: 0.000 min
Response: 134416019
Conc: 500.00 ng/ml



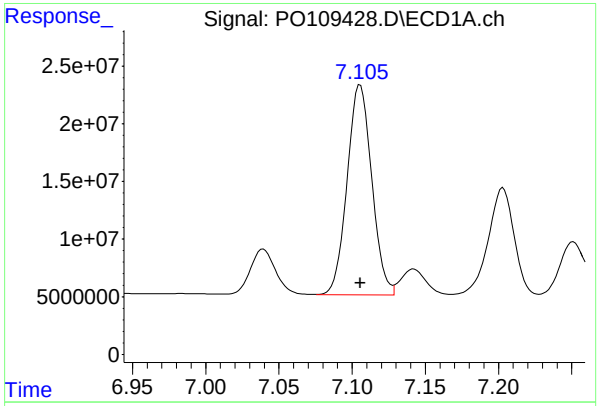
#33 AR-1260-3

R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 231766193
Conc: 500.00 ng/ml



#33 AR-1260-3

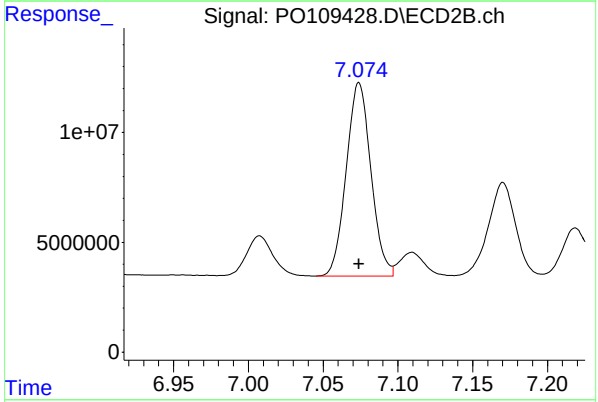
R.T.: 6.602 min
Delta R.T.: 0.000 min
Response: 124948979
Conc: 500.00 ng/ml



#34 AR-1260-4

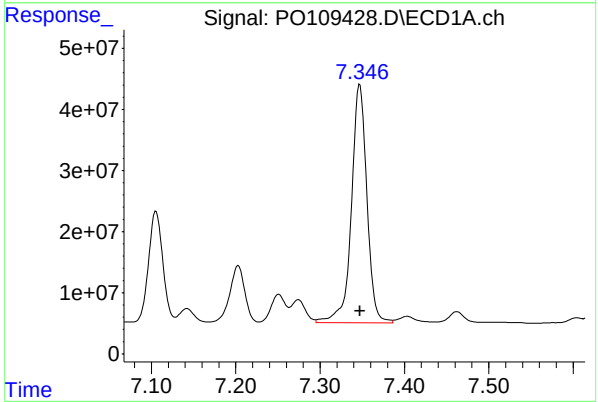
R.T.: 7.105 min
Delta R.T.: 0.000 min
Response: 213035870
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



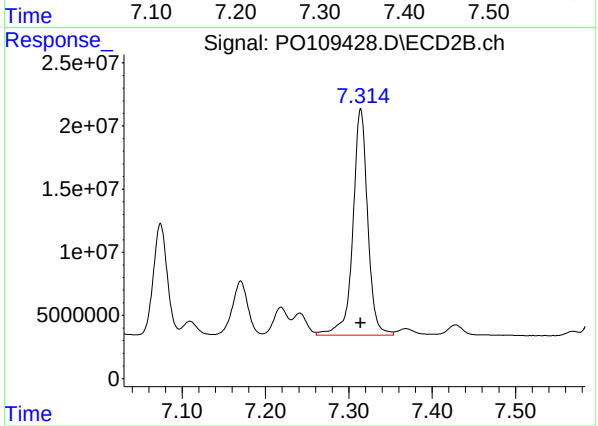
#34 AR-1260-4

R.T.: 7.074 min
Delta R.T.: 0.000 min
Response: 101109312
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.347 min
Delta R.T.: 0.000 min
Response: 500732923
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.314 min
Delta R.T.: 0.000 min
Response: 221892556
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109429.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 17:41
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: Feb 21 02:02:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:00:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.697	3.694	246.0E6	137.0E6	26.146	26.231
2) SA	Decachlor...	8.756	8.706	226.7E6	84628210	26.540	26.815
	Target Compounds						
3) L1	AR-1016-1	4.792	4.777	82518483	41871215	273.531	275.410
4) L1	AR-1016-2	4.811	4.797	111.7E6	57379891	269.270	268.843
5) L1	AR-1016-3	4.867	4.972	80308042	32144937	277.495	274.245
6) L1	AR-1016-4	4.988	5.014	62339803	28230969	275.865	279.058
7) L1	AR-1016-5	5.245	5.227	70018354	36586426	277.554	275.824
31) L7	AR-1260-1	6.288	6.261	124.2E6	62911160	271.251	270.307
32) L7	AR-1260-2	6.477	6.448	149.2E6	72803856	271.304	270.815
33) L7	AR-1260-3	6.845	6.602	126.3E6	67569863	272.383	270.390
34) L7	AR-1260-4	7.105	7.073	114.5E6	54553512	268.783	269.775
35) L7	AR-1260-5	7.347	7.313	258.7E6	116.1E6	258.356	261.606

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

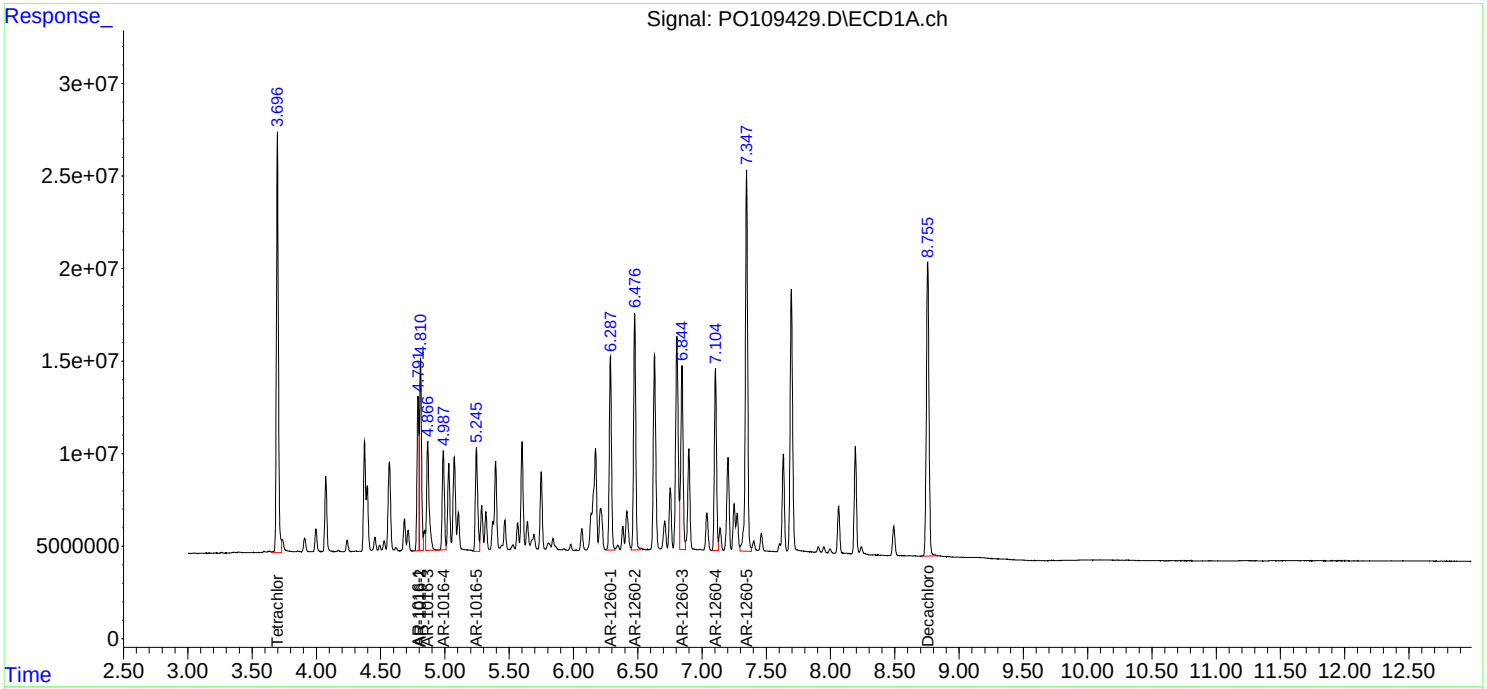
ICAL Form

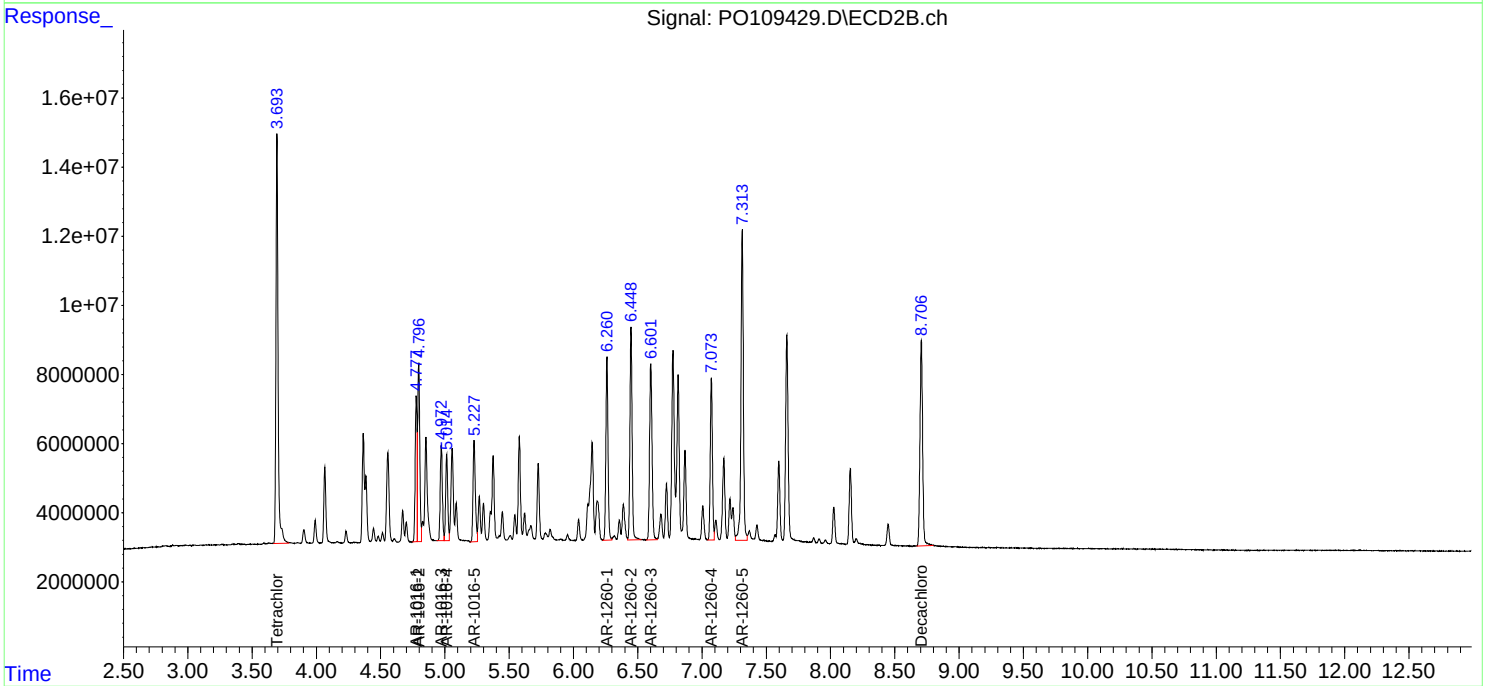
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109429.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 17:41
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

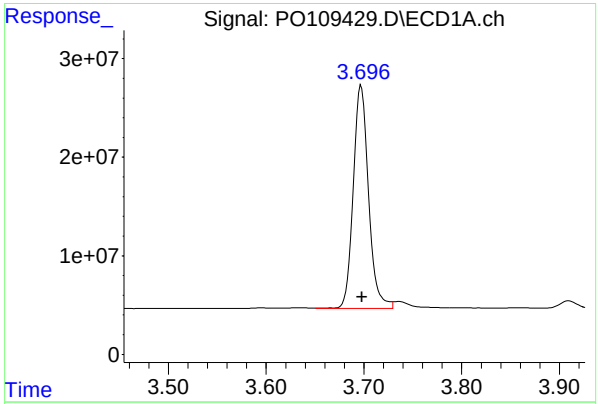
Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:02:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:00:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



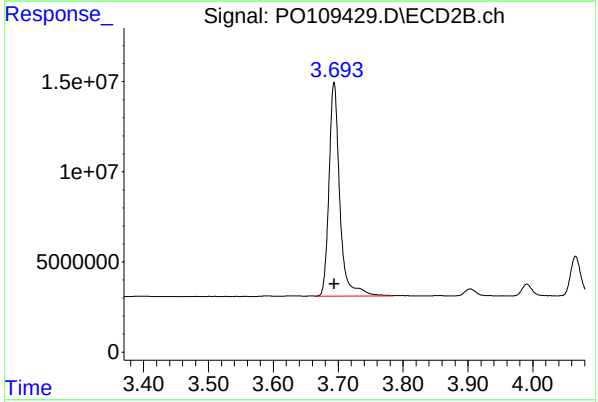




#1 Tetrachloro-m-xylene

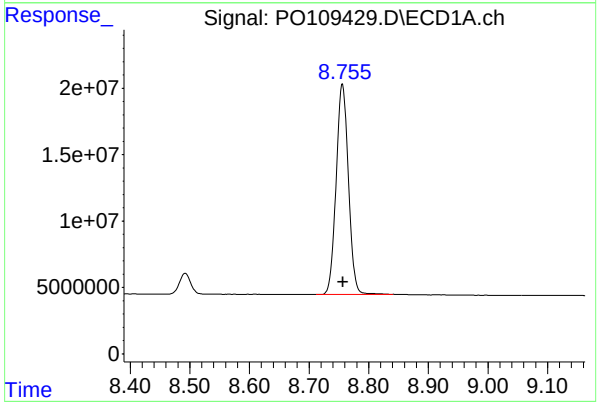
R.T.: 3.697 min
Delta R.T.: 0.000 min
Response: 245982583
Conc: 26.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



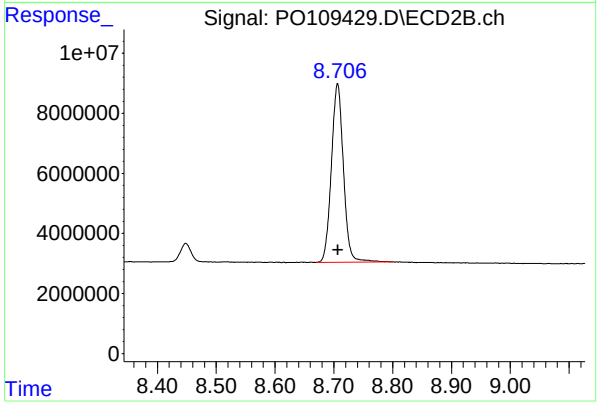
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 136959671
Conc: 26.23 ng/ml



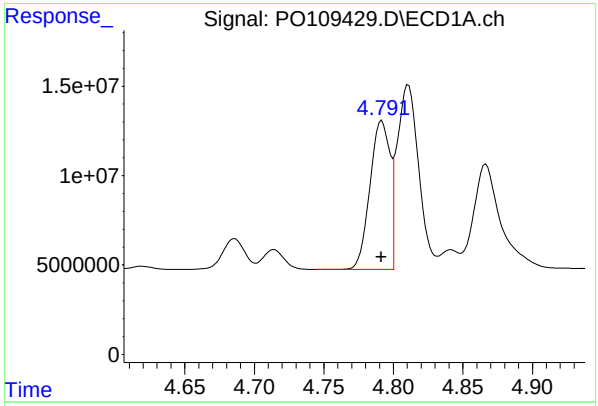
#2 Decachlorobiphenyl

R.T.: 8.756 min
Delta R.T.: 0.000 min
Response: 226721669
Conc: 26.54 ng/ml



#2 Decachlorobiphenyl

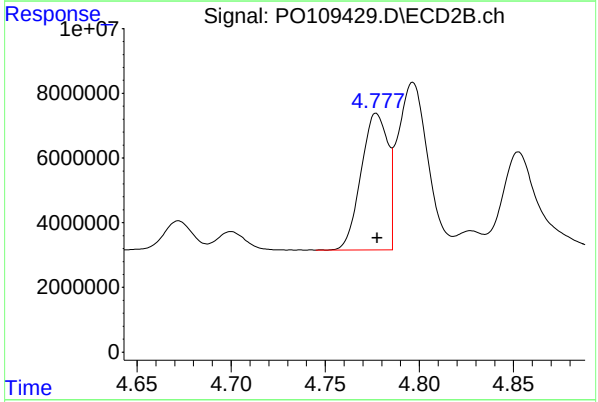
R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 84628210
Conc: 26.81 ng/ml



#3 AR-1016-1

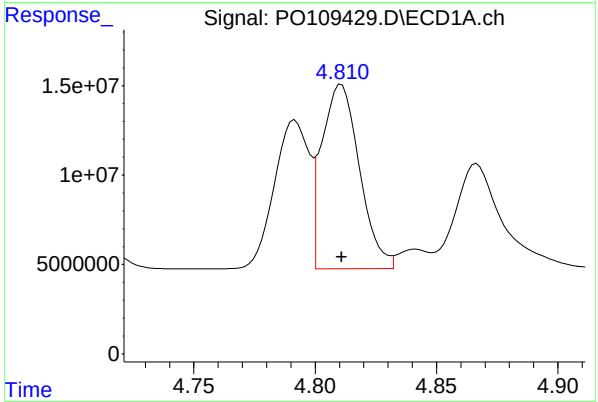
R.T.: 4.792 min
Delta R.T.: 0.000 min
Response: 82518483
Conc: 273.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



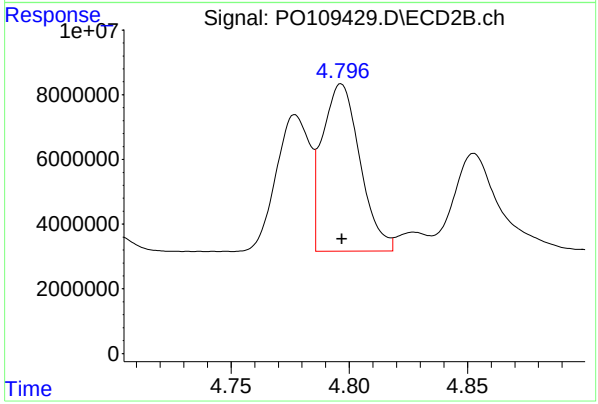
#3 AR-1016-1

R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 41871215
Conc: 275.41 ng/ml



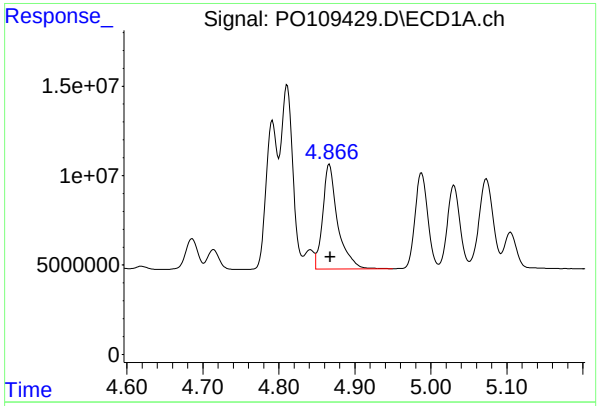
#4 AR-1016-2

R.T.: 4.811 min
Delta R.T.: 0.000 min
Response: 111651478
Conc: 269.27 ng/ml



#4 AR-1016-2

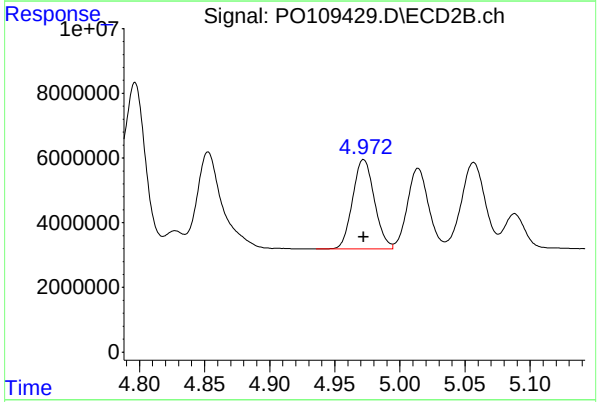
R.T.: 4.797 min
Delta R.T.: 0.000 min
Response: 57379891
Conc: 268.84 ng/ml



#5 AR-1016-3

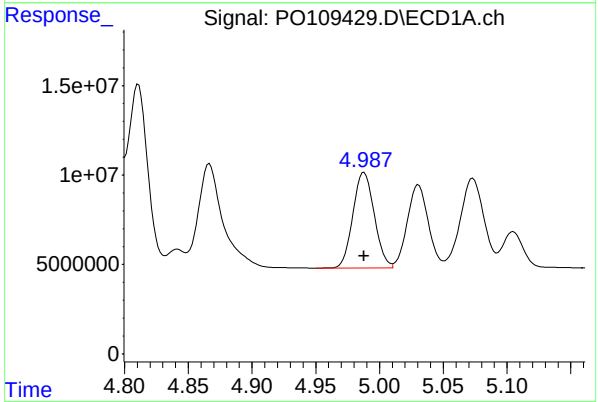
R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 80308042
Conc: 277.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



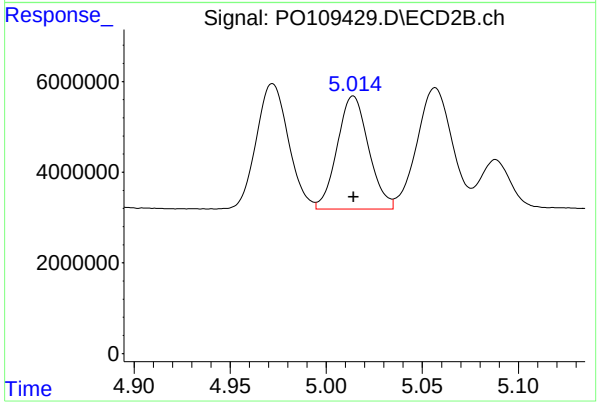
#5 AR-1016-3

R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 32144937
Conc: 274.24 ng/ml



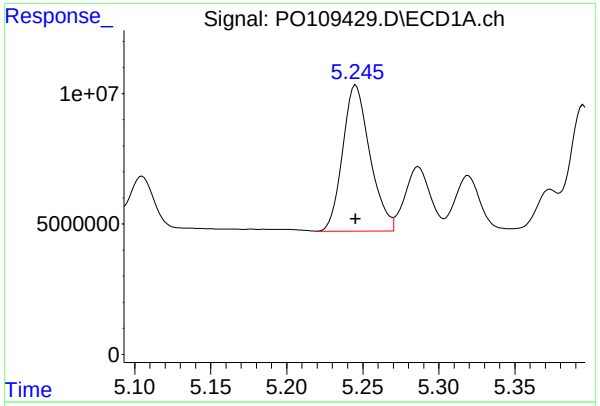
#6 AR-1016-4

R.T.: 4.988 min
Delta R.T.: 0.000 min
Response: 62339803
Conc: 275.86 ng/ml



#6 AR-1016-4

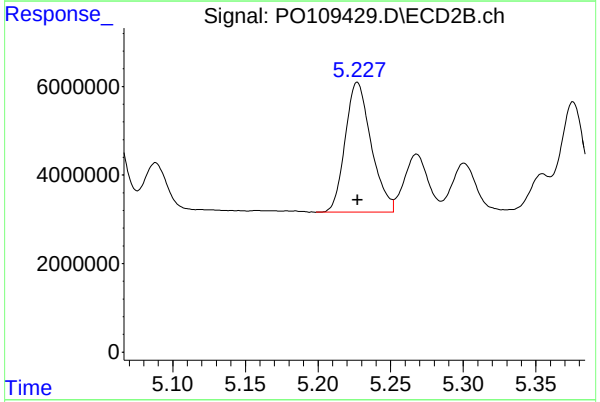
R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 28230969
Conc: 279.06 ng/ml



#7 AR-1016-5

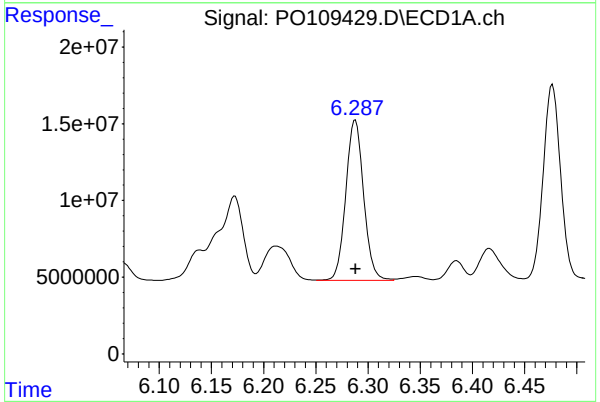
R.T.: 5.245 min
Delta R.T.: 0.000 min
Response: 70018354
Conc: 277.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



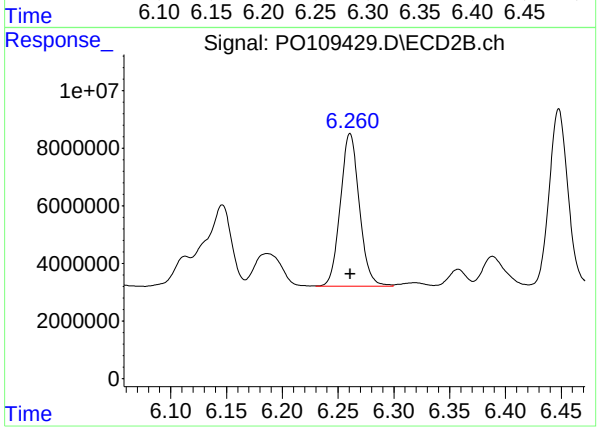
#7 AR-1016-5

R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 36586426
Conc: 275.82 ng/ml



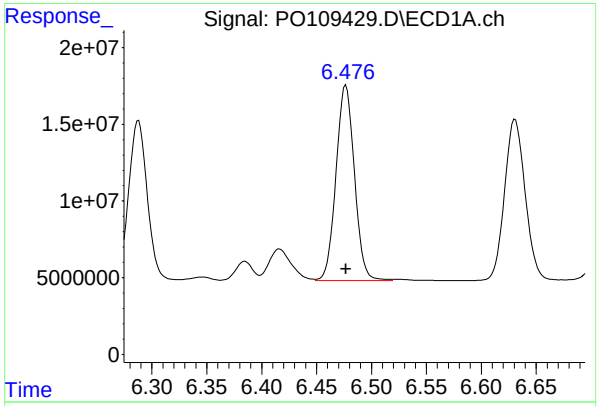
#31 AR-1260-1

R.T.: 6.288 min
Delta R.T.: 0.000 min
Response: 124241423
Conc: 271.25 ng/ml



#31 AR-1260-1

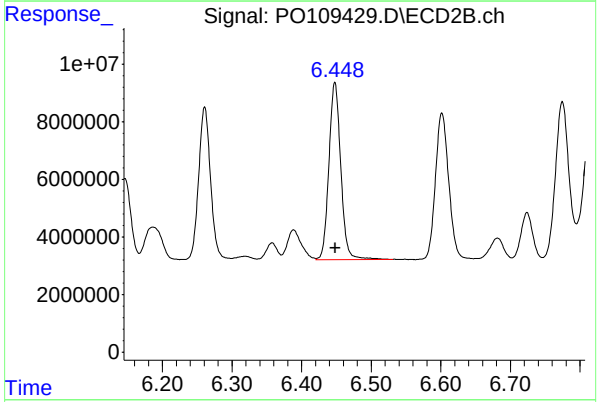
R.T.: 6.261 min
Delta R.T.: 0.000 min
Response: 62911160
Conc: 270.31 ng/ml



#32 AR-1260-2

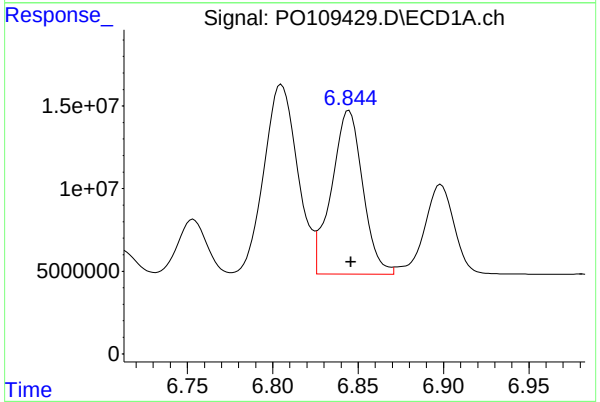
R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 149216449
Conc: 271.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



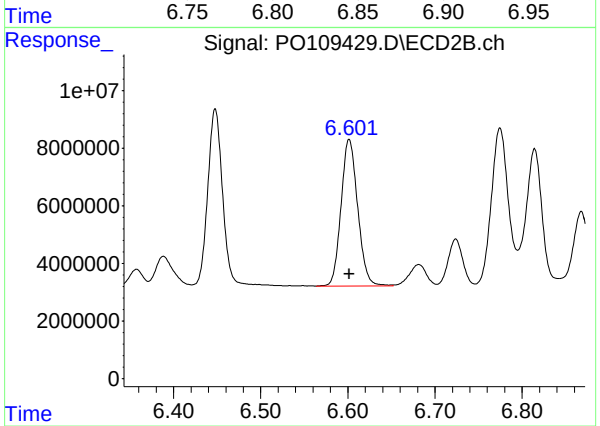
#32 AR-1260-2

R.T.: 6.448 min
Delta R.T.: 0.000 min
Response: 72803856
Conc: 270.82 ng/ml



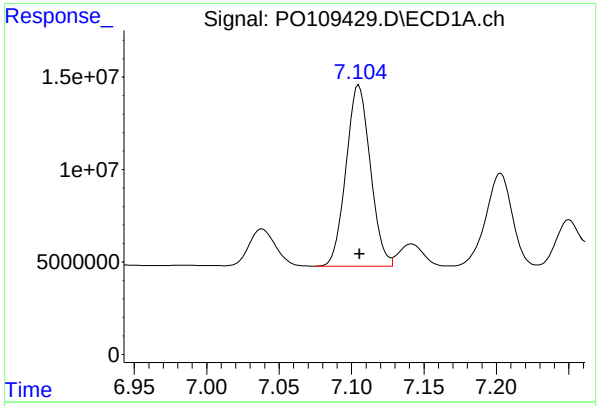
#33 AR-1260-3

R.T.: 6.845 min
Delta R.T.: -0.001 min
Response: 126258344
Conc: 272.38 ng/ml



#33 AR-1260-3

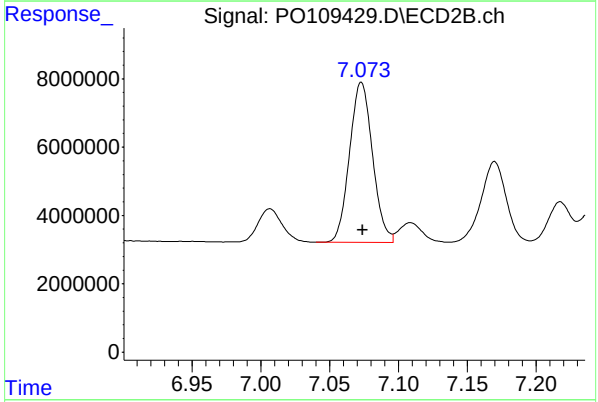
R.T.: 6.602 min
Delta R.T.: 0.000 min
Response: 67569863
Conc: 270.39 ng/ml



#34 AR-1260-4

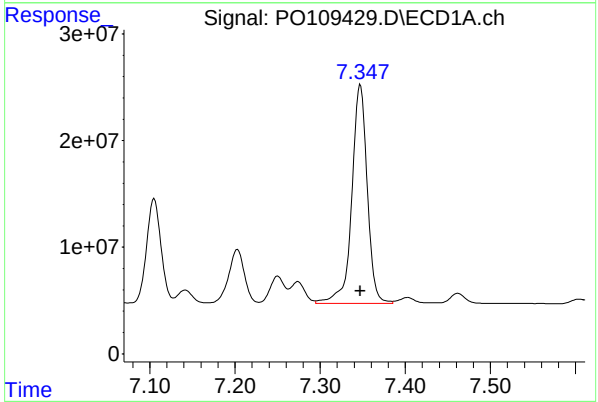
R.T.: 7.105 min
Delta R.T.: 0.000 min
Response: 114520800
Conc: 268.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



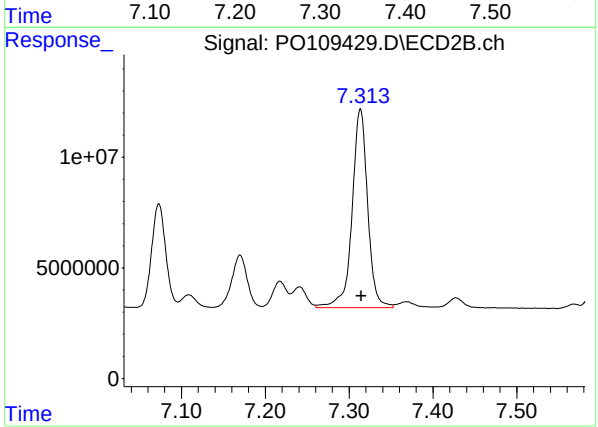
#34 AR-1260-4

R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 54553512
Conc: 269.77 ng/ml



#35 AR-1260-5

R.T.: 7.347 min
Delta R.T.: 0.000 min
Response: 258734974
Conc: 258.36 ng/ml



#35 AR-1260-5

R.T.: 7.313 min
Delta R.T.: 0.000 min
Response: 116096721
Conc: 261.61 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109430.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 17:59
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:02:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:00:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.697	3.693	45508763	25193742	4.837	4.825
2) SA	Decachlor...	8.755	8.705	45000005	16907966	5.268	5.357
	Target Compounds						
3) L1	AR-1016-1	4.792	4.777	16363626	8424215	54.242	55.411
4) L1	AR-1016-2	4.812	4.796	21719389	11275252	52.381	52.828
5) L1	AR-1016-3	4.867	4.972	15399280	6204706	53.210	52.935
6) L1	AR-1016-4	4.988	5.014	12063318	5641806	53.382	55.768
7) L1	AR-1016-5	5.246	5.227	13985942	7495853	55.441	56.511
31) L7	AR-1260-1	6.287	6.261	24888578	12924776	54.338	55.533
32) L7	AR-1260-2	6.476	6.448	30375809	15043931	55.229	55.960
33) L7	AR-1260-3	6.844	6.601	25249901	13685351	54.473	54.764
34) L7	AR-1260-4	7.104	7.073	22377315	10981241	52.520	54.304
35) L7	AR-1260-5	7.346	7.313	48767614	22954954	48.696	51.725

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

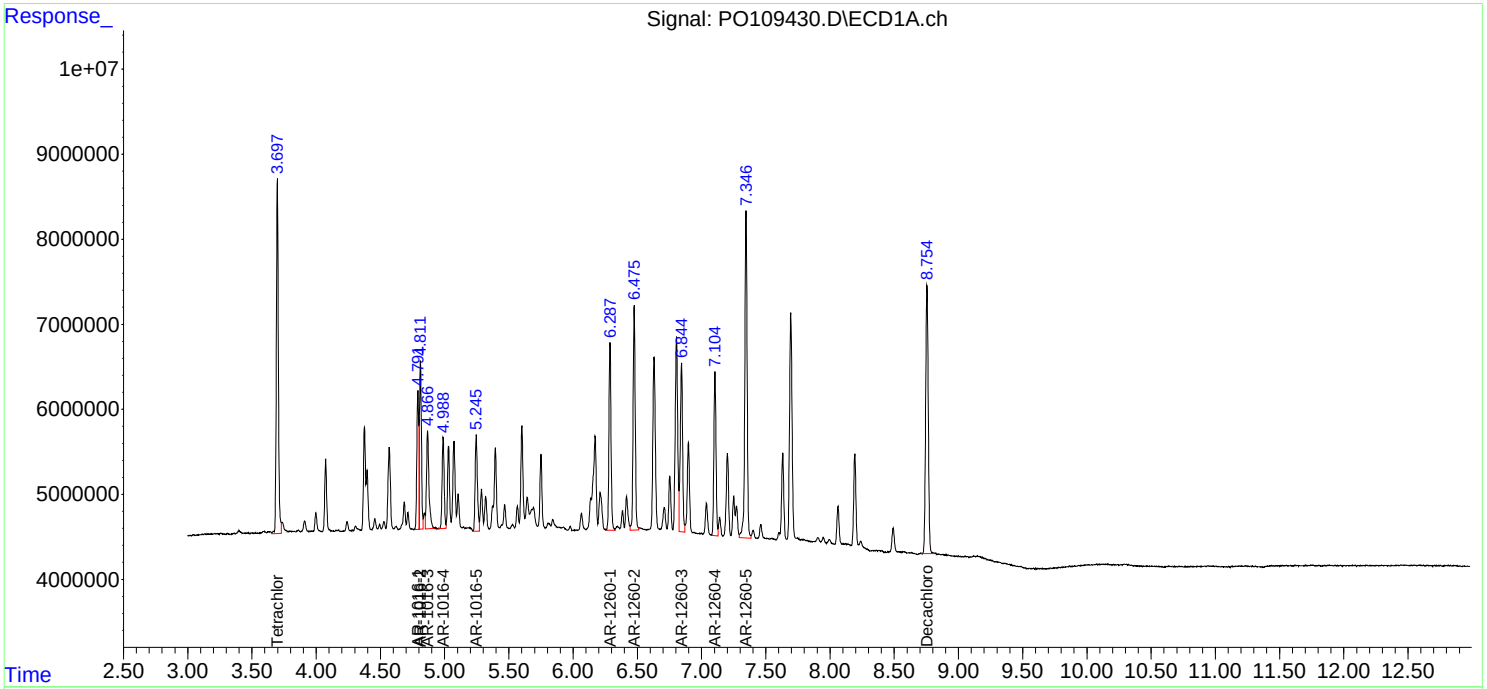
ICAL Form

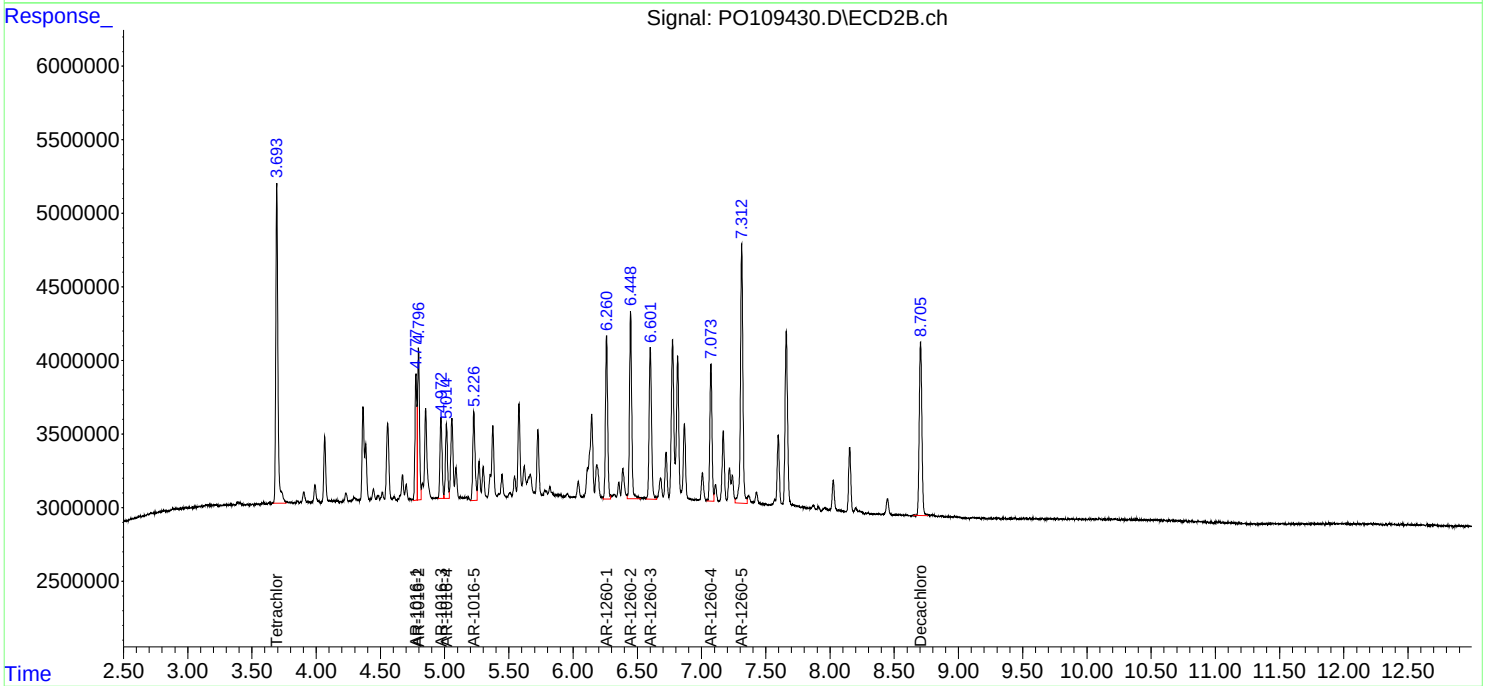
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109430.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 17:59
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

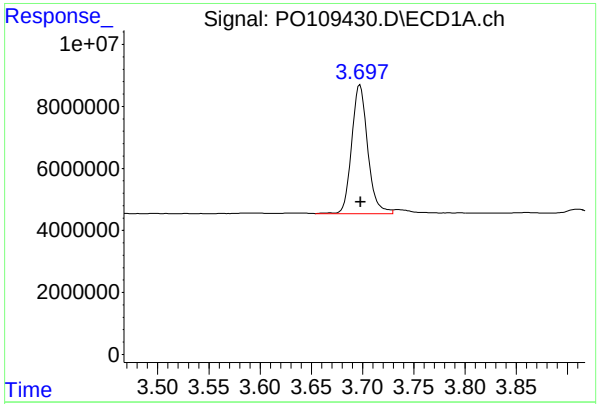
Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:02:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:00:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



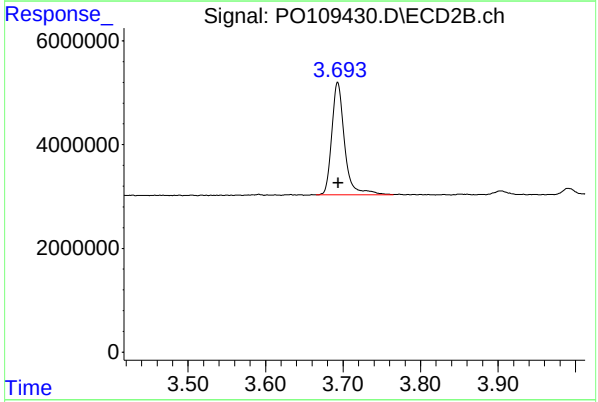




#1 Tetrachloro-m-xylene

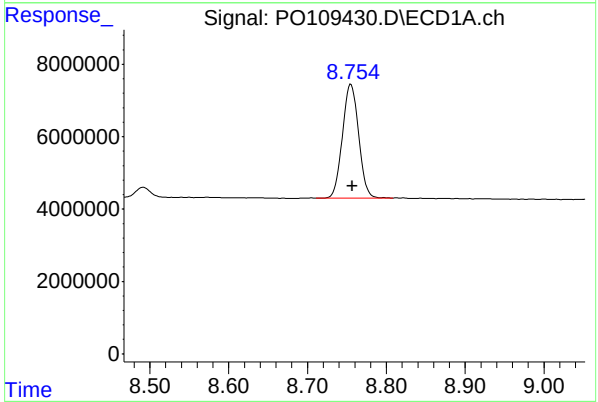
R.T.: 3.697 min
Delta R.T.: 0.000 min
Response: 45508763
Conc: 4.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



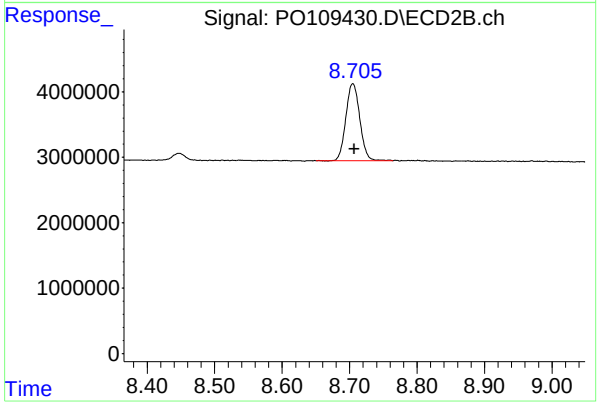
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 25193742
Conc: 4.83 ng/ml



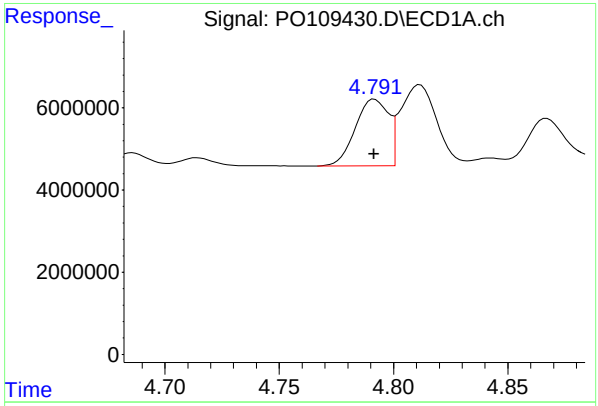
#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.002 min
Response: 45000005
Conc: 5.27 ng/ml



#2 Decachlorobiphenyl

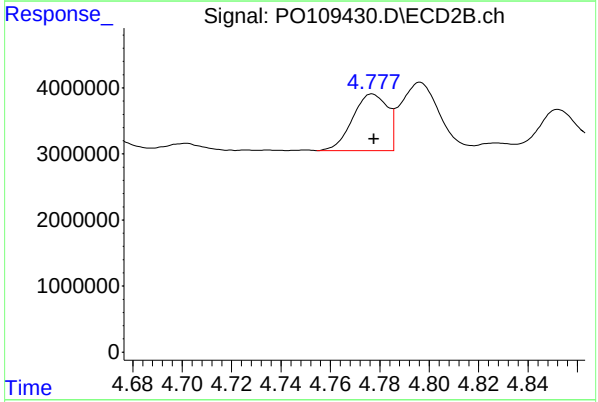
R.T.: 8.705 min
Delta R.T.: -0.002 min
Response: 16907966
Conc: 5.36 ng/ml



#3 AR-1016-1

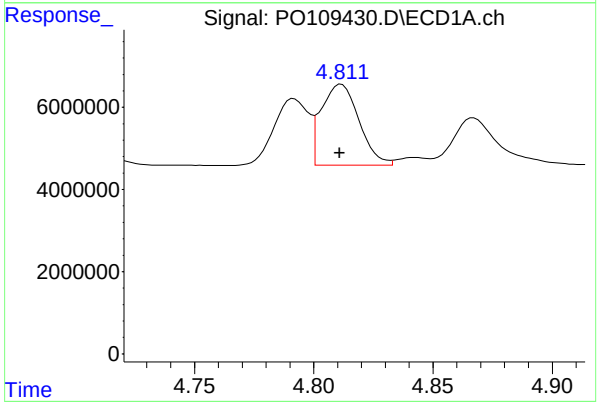
R.T.: 4.792 min
Delta R.T.: 0.000 min
Response: 16363626
Conc: 54.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



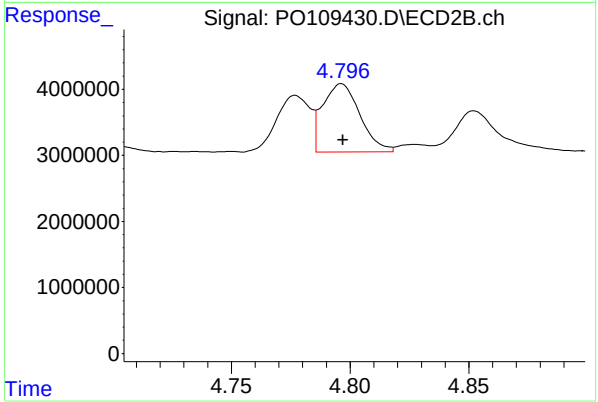
#3 AR-1016-1

R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 8424215
Conc: 55.41 ng/ml



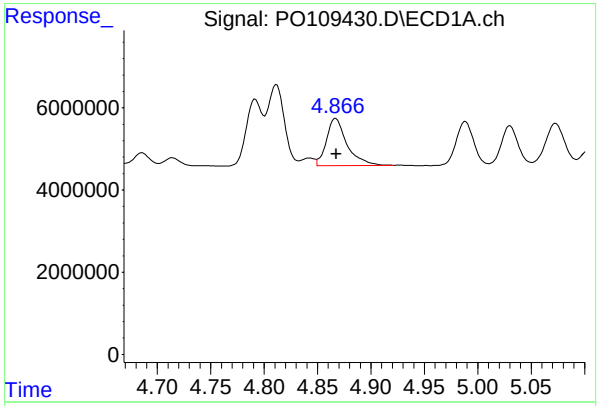
#4 AR-1016-2

R.T.: 4.812 min
Delta R.T.: 0.000 min
Response: 21719389
Conc: 52.38 ng/ml



#4 AR-1016-2

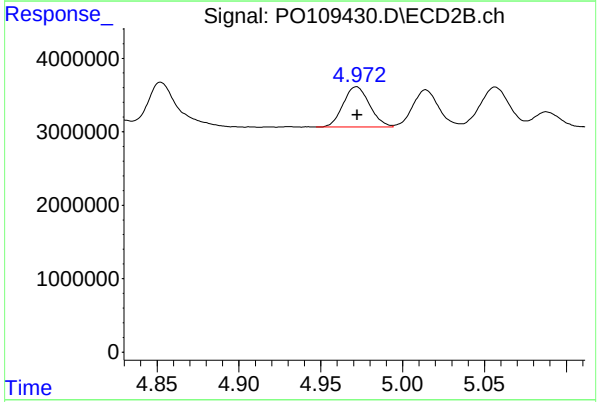
R.T.: 4.796 min
Delta R.T.: 0.000 min
Response: 11275252
Conc: 52.83 ng/ml



#5 AR-1016-3

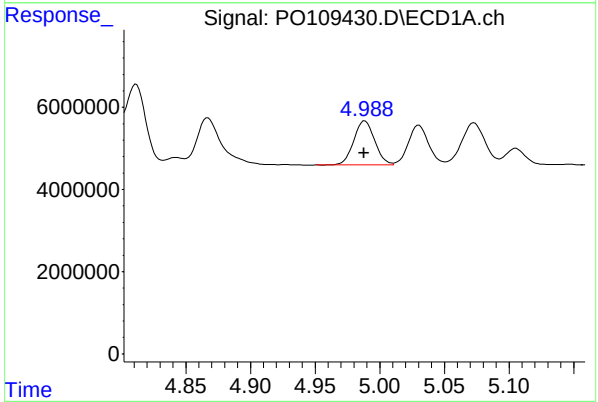
R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 15399280
Conc: 53.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



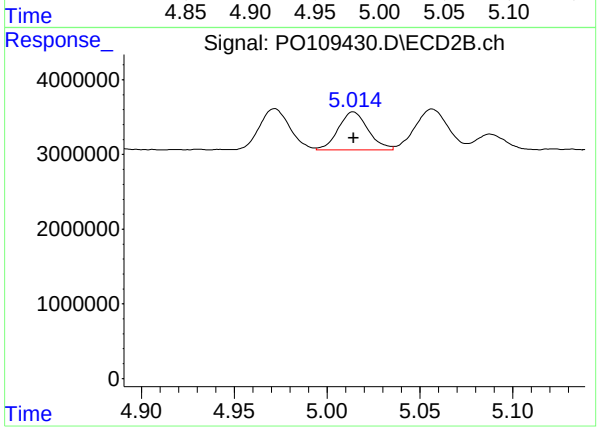
#5 AR-1016-3

R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 6204706
Conc: 52.94 ng/ml



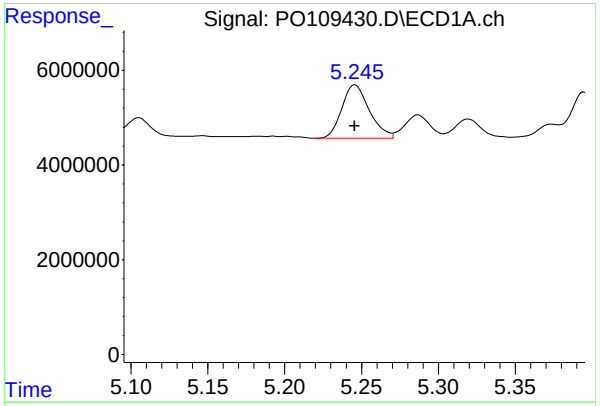
#6 AR-1016-4

R.T.: 4.988 min
Delta R.T.: 0.000 min
Response: 12063318
Conc: 53.38 ng/ml



#6 AR-1016-4

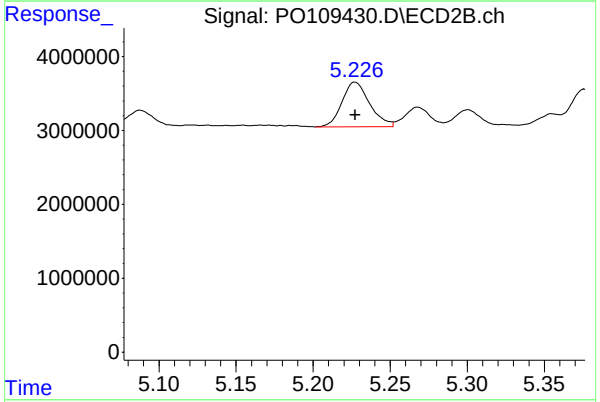
R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 5641806
Conc: 55.77 ng/ml



#7 AR-1016-5

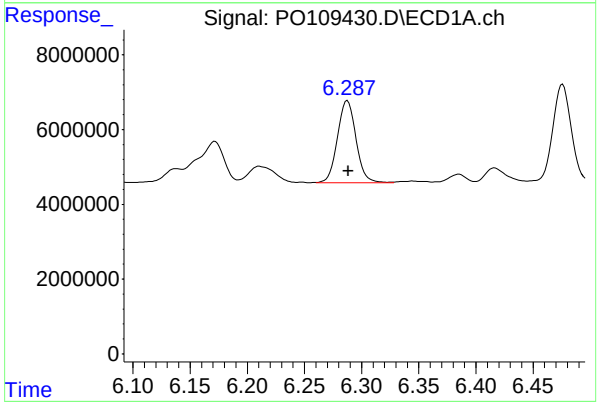
R.T.: 5.246 min
Delta R.T.: 0.000 min
Response: 13985942
Conc: 55.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



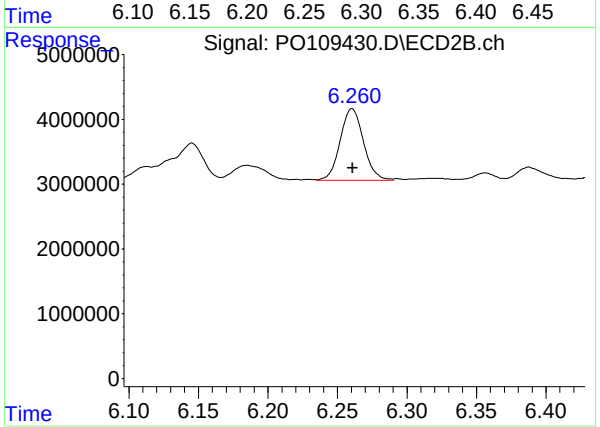
#7 AR-1016-5

R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 7495853
Conc: 56.51 ng/ml



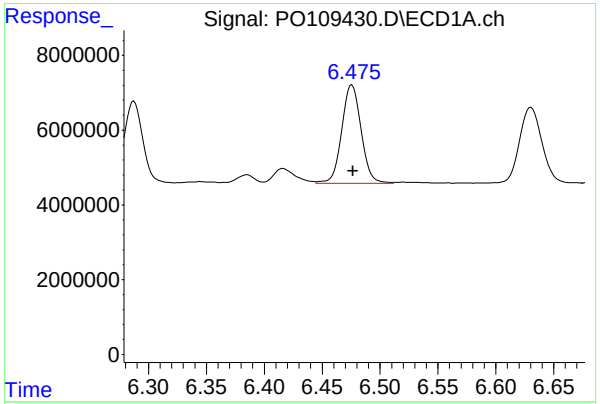
#31 AR-1260-1

R.T.: 6.287 min
Delta R.T.: 0.000 min
Response: 24888578
Conc: 54.34 ng/ml



#31 AR-1260-1

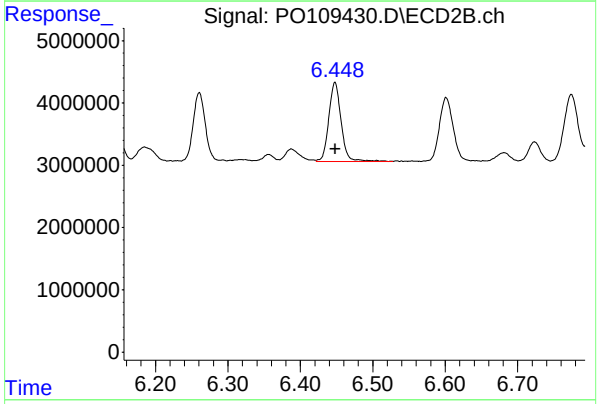
R.T.: 6.261 min
Delta R.T.: 0.000 min
Response: 12924776
Conc: 55.53 ng/ml



#32 AR-1260-2

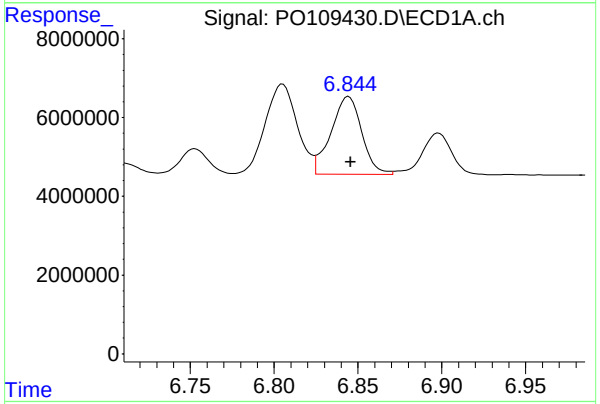
R.T.: 6.476 min
Delta R.T.: 0.000 min
Response: 30375809
Conc: 55.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



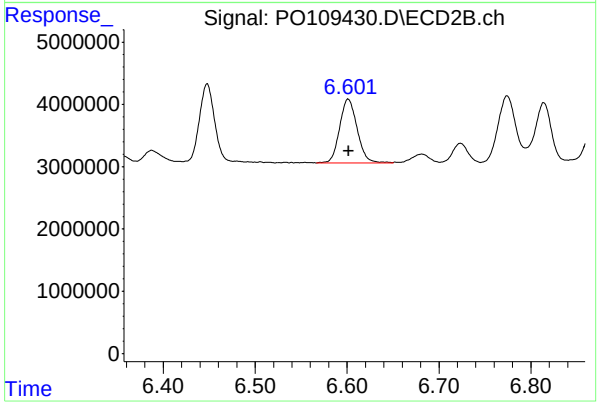
#32 AR-1260-2

R.T.: 6.448 min
Delta R.T.: 0.000 min
Response: 15043931
Conc: 55.96 ng/ml



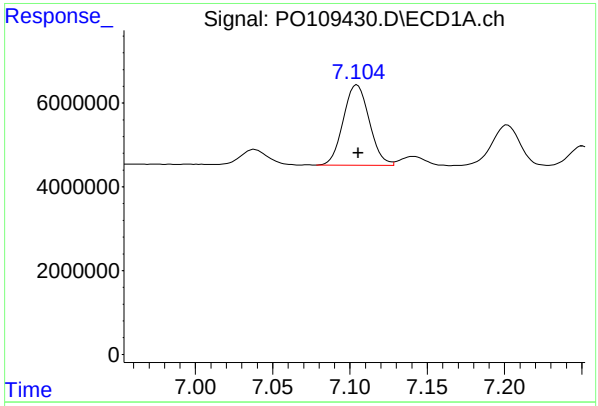
#33 AR-1260-3

R.T.: 6.844 min
Delta R.T.: -0.001 min
Response: 25249901
Conc: 54.47 ng/ml



#33 AR-1260-3

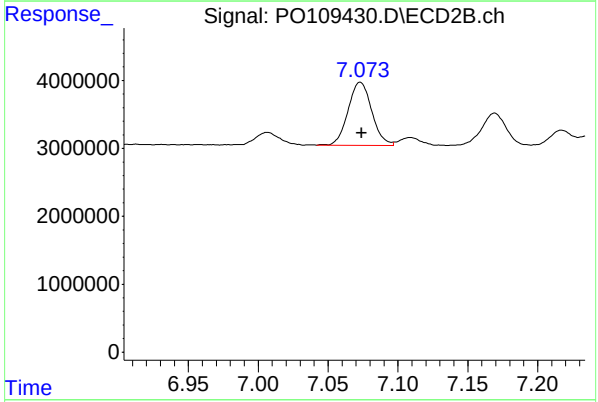
R.T.: 6.601 min
Delta R.T.: 0.000 min
Response: 13685351
Conc: 54.76 ng/ml



#34 AR-1260-4

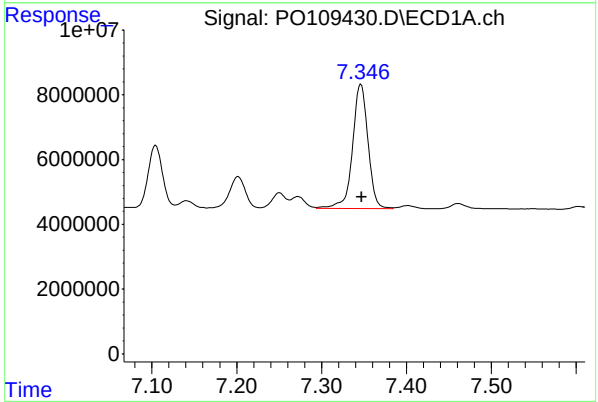
R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 22377315
Conc: 52.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



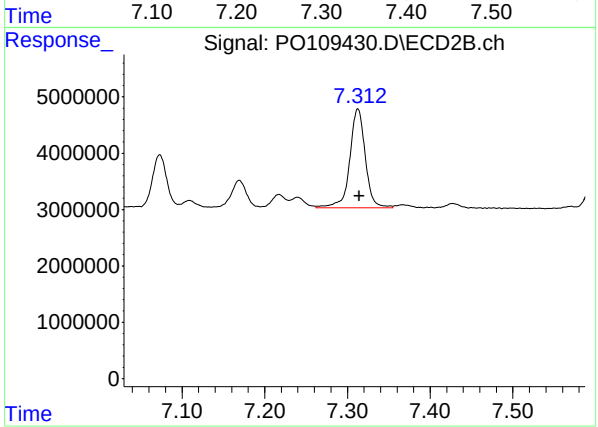
#34 AR-1260-4

R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 10981241
Conc: 54.30 ng/ml



#35 AR-1260-5

R.T.: 7.346 min
Delta R.T.: 0.000 min
Response: 48767614
Conc: 48.70 ng/ml



#35 AR-1260-5

R.T.: 7.313 min
Delta R.T.: -0.002 min
Response: 22954954
Conc: 51.73 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109431.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 18:18
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: Feb 21 02:14:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:14:29 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.697	3.693	493.2E6	265.7E6	50.000	50.000
2)	SA Decachlor...	8.755	8.707	432.4E6	160.0E6	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	3.910	3.905	65939528	34251207	500.000	500.000
9)	L2 AR-1221-2	3.997	3.990	49350500	25669896	500.000	500.000
10)	L2 AR-1221-3	4.074	4.066	134.9E6	72714061	500.000	500.000

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

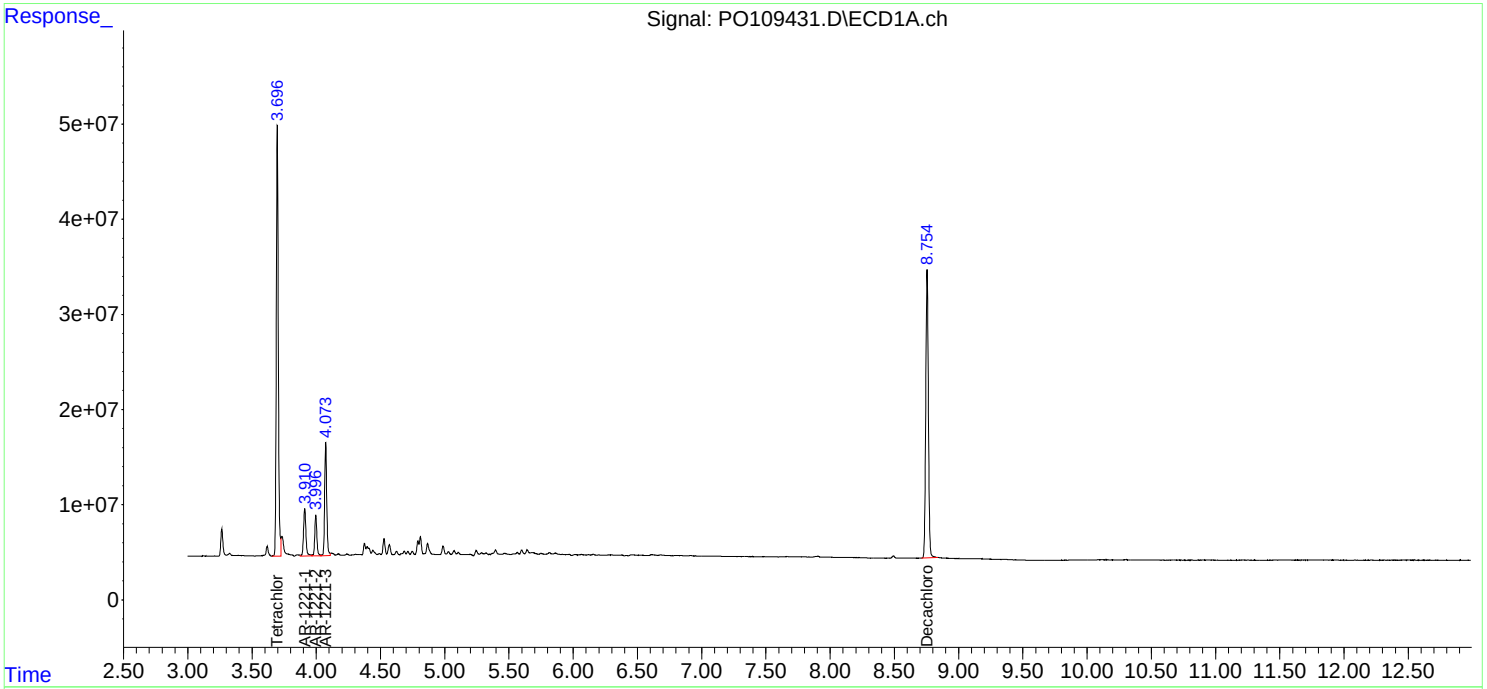
ICAL Form

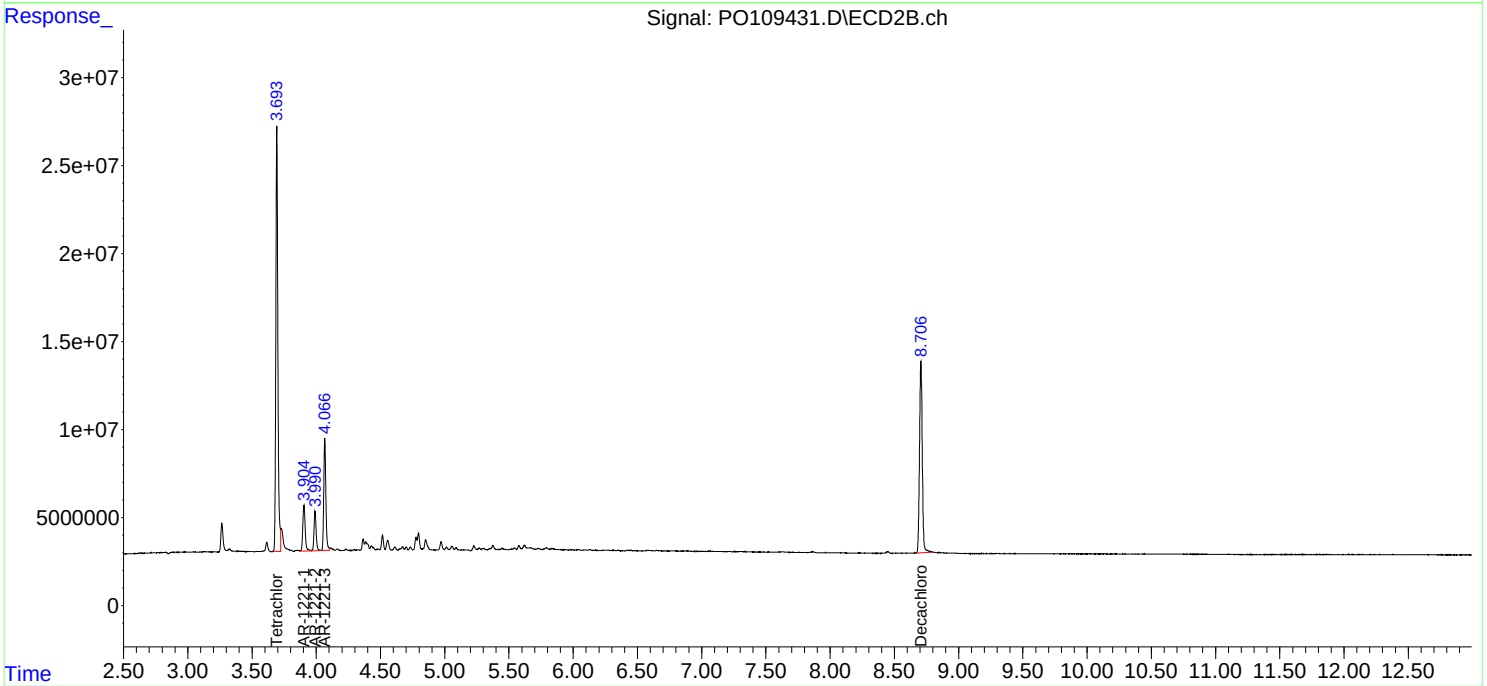
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109431.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 18:18
Operator : YP/AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

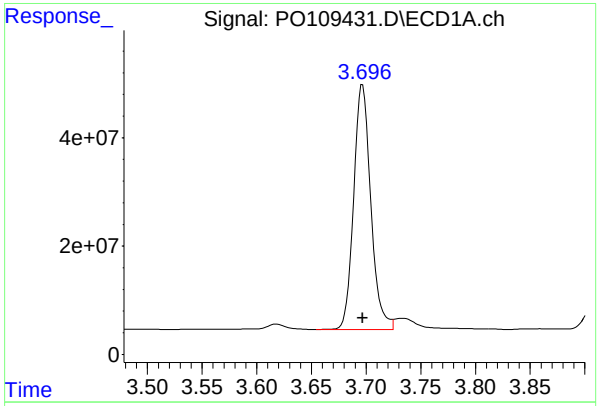
Instrument :
ECD_O
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:14:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:14:29 2025
Response via : Initial Calibration
Integrator: ChemStation

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



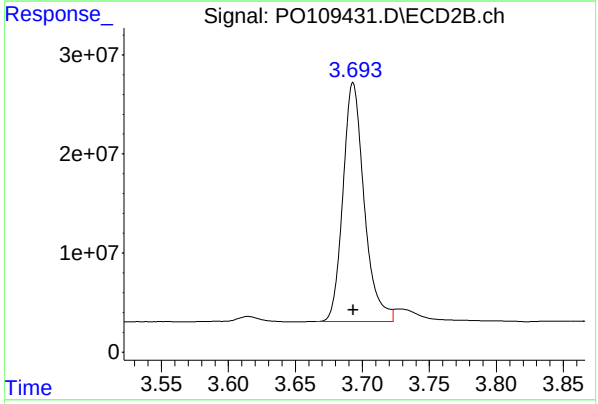




#1 Tetrachloro-m-xylene

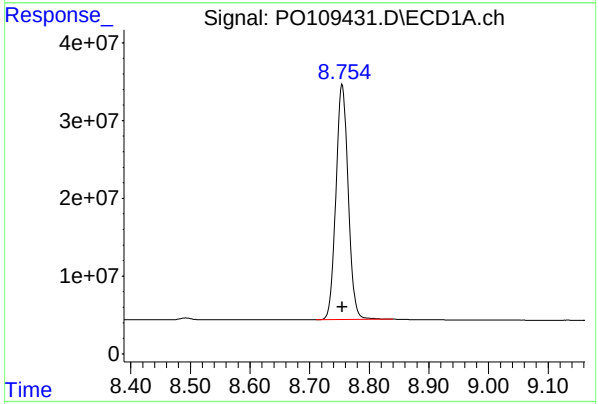
R.T.: 3.697 min
Delta R.T.: 0.000 min
Response: 493155932
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



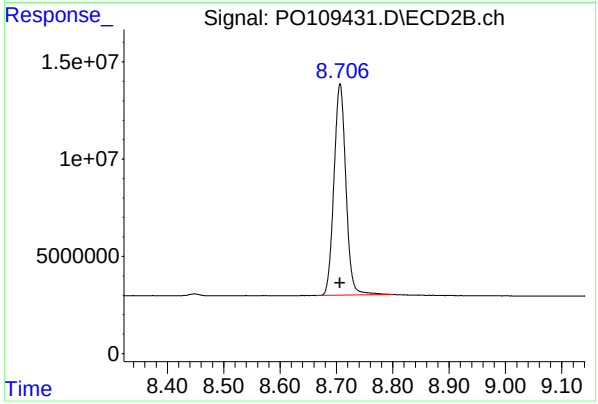
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 265705128
Conc: 50.00 ng/ml



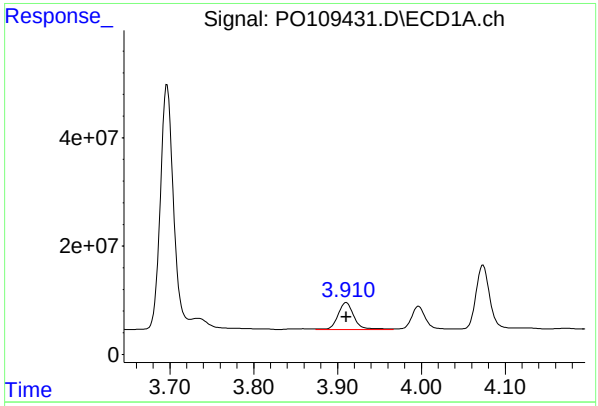
#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: 0.000 min
Response: 432400100
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

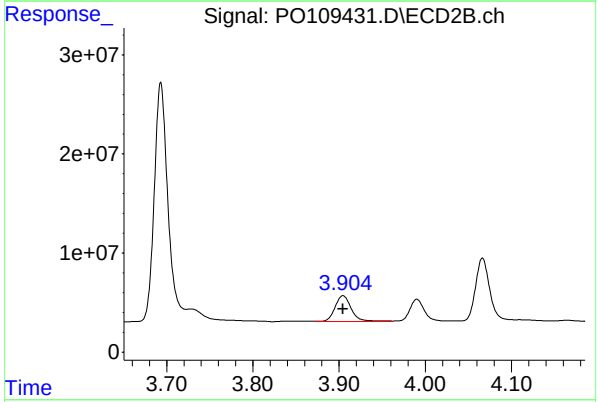
R.T.: 8.707 min
Delta R.T.: 0.000 min
Response: 159982923
Conc: 50.00 ng/ml



#8 AR-1221-1

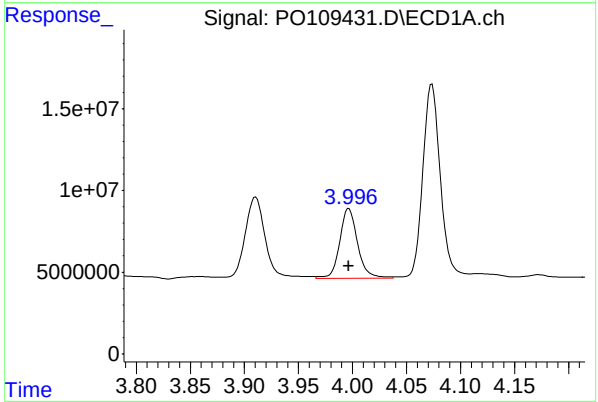
R.T.: 3.910 min
Delta R.T.: 0.000 min
Response: 65939528
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



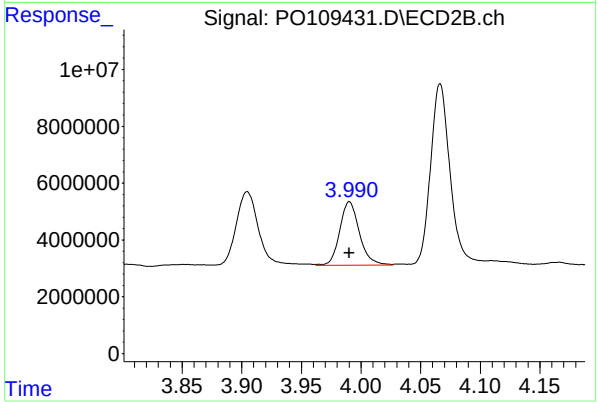
#8 AR-1221-1

R.T.: 3.905 min
Delta R.T.: 0.000 min
Response: 34251207
Conc: 500.00 ng/ml



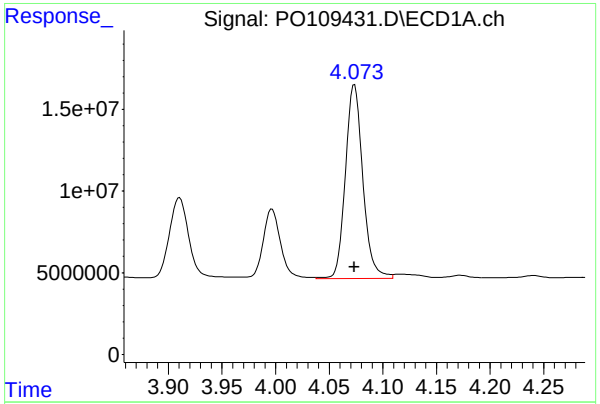
#9 AR-1221-2

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 49350500
Conc: 500.00 ng/ml



#9 AR-1221-2

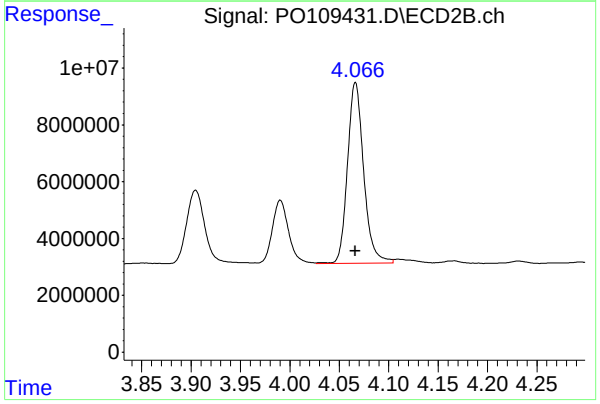
R.T.: 3.990 min
Delta R.T.: 0.000 min
Response: 25669896
Conc: 500.00 ng/ml



#10 AR-1221-3

R.T.: 4.074 min
Delta R.T.: 0.000 mi
Response: 134918815
Conc: 500.00 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



#10 AR-1221-3

R.T.: 4.066 min
Delta R.T.: 0.000 min
Response: 72714061
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109432.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 18:36
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: Feb 21 02:23:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:22:50 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...	3.697	3.693	461.7E6	262.6E6	50.000	50.000
2) SA	Decachlor...	8.757	8.706	402.2E6	149.0E6	50.000	50.000
	Target Compounds						
11) L3	AR-1232-1	4.074	4.066	104.5E6	55730818	500.000	500.000
12) L3	AR-1232-2	4.569	4.796	58041447	51658633	500.000	500.000
13) L3	AR-1232-3	4.811	4.972	101.0E6	28385926	500.000	500.000
14) L3	AR-1232-4	4.988	5.056	55610100	27447264	500.000	500.000
15) L3	AR-1232-5	5.030	5.227	40834319	29402463	500.000	500.000

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

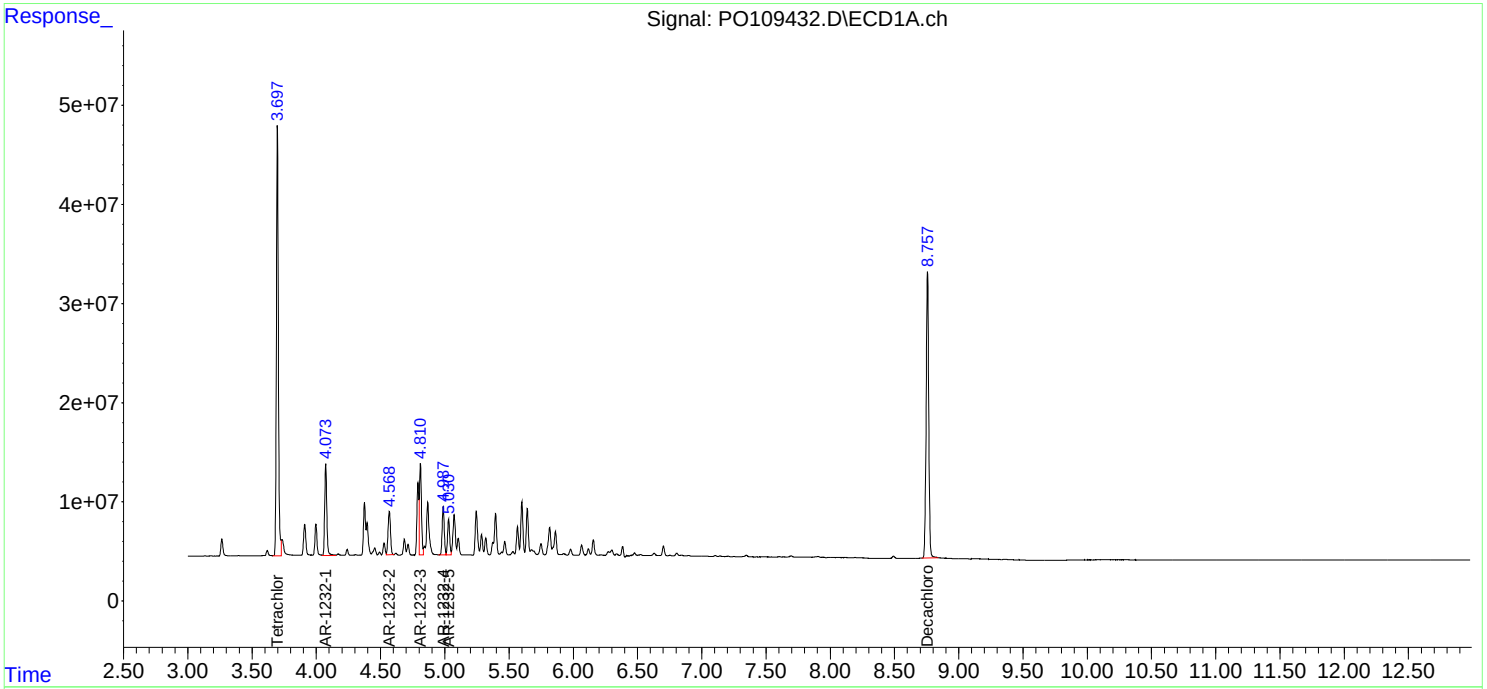
ICAL Form

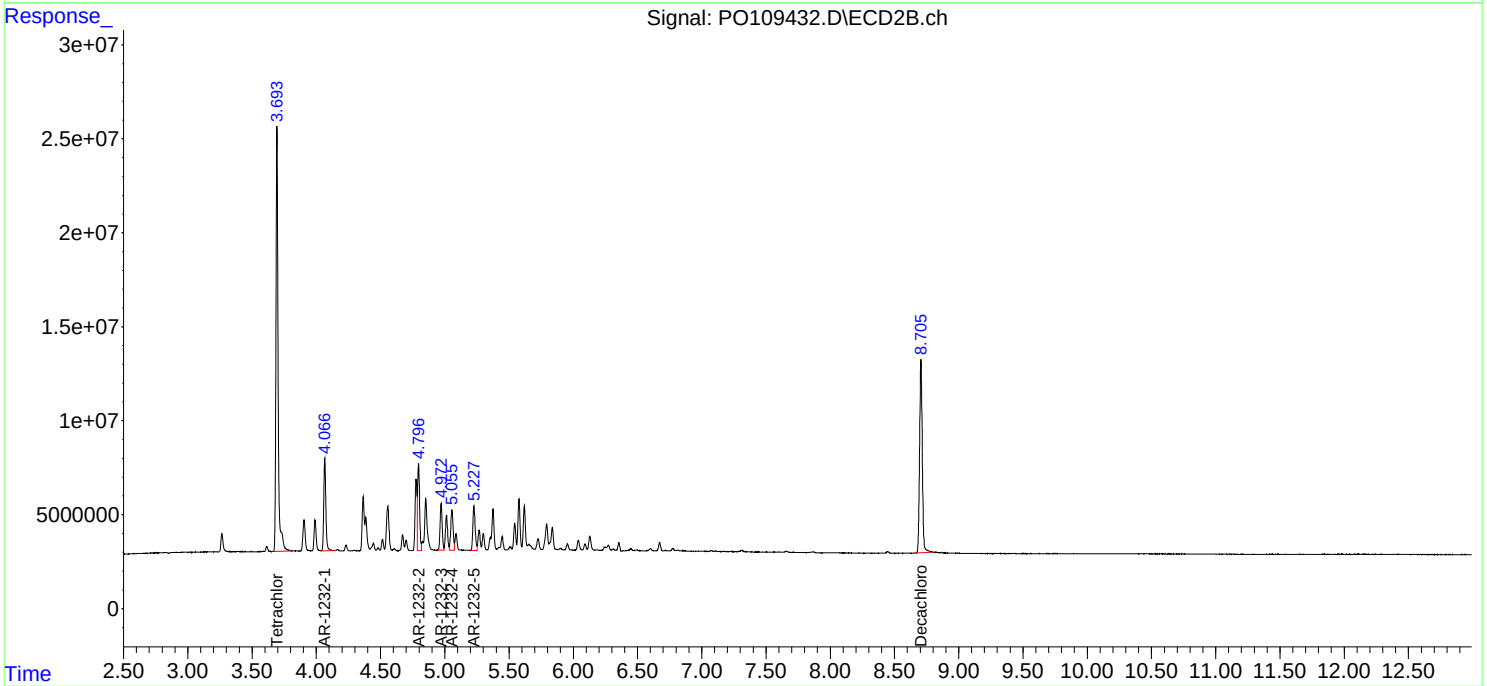
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109432.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 18:36
Operator : YP/AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

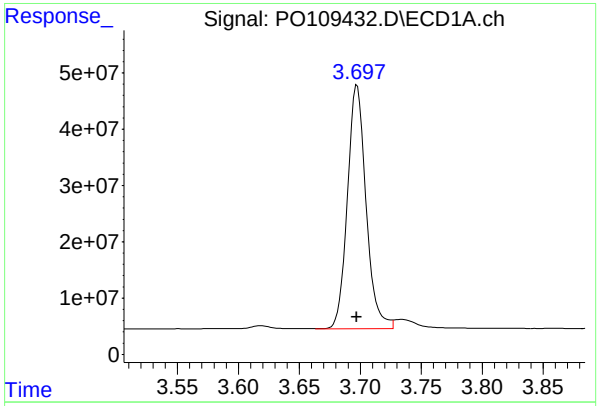
Instrument :
ECD_O
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:23:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:22:50 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



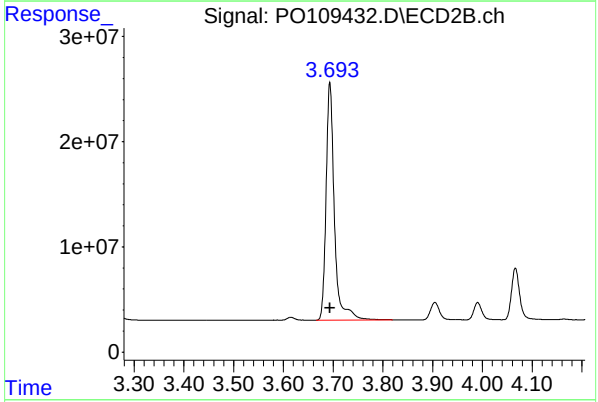




#1 Tetrachloro-m-xylene

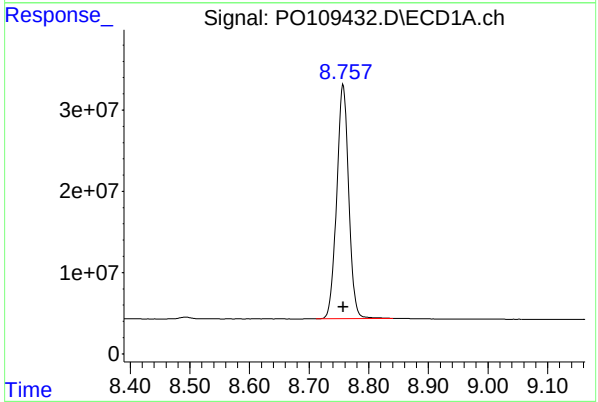
R.T.: 3.697 min
Delta R.T.: 0.000 min
Response: 461664100
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



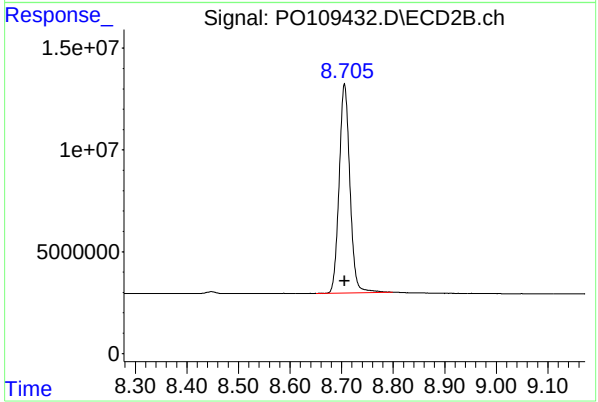
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 262638765
Conc: 50.00 ng/ml



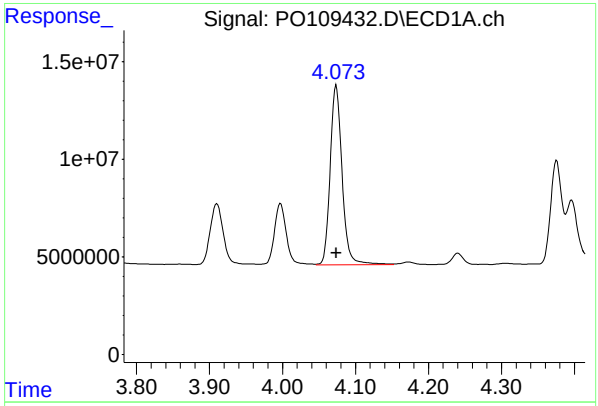
#2 Decachlorobiphenyl

R.T.: 8.757 min
Delta R.T.: 0.000 min
Response: 402160306
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

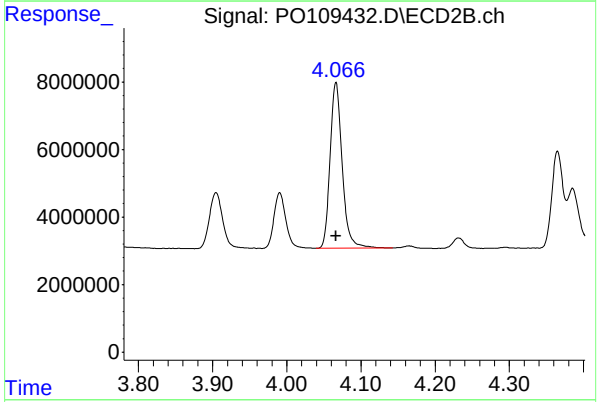
R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 148986955
Conc: 50.00 ng/ml



#11 AR-1232-1

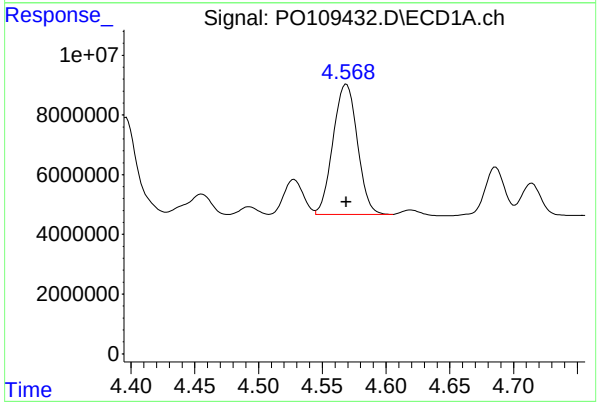
R.T.: 4.074 min
Delta R.T.: 0.000 min
Response: 104464356
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



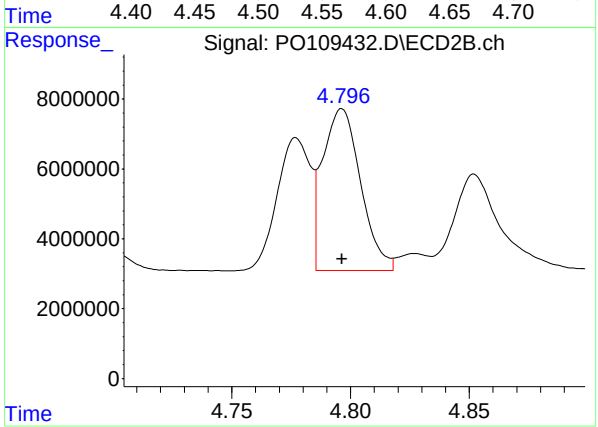
#11 AR-1232-1

R.T.: 4.066 min
Delta R.T.: 0.000 min
Response: 55730818
Conc: 500.00 ng/ml



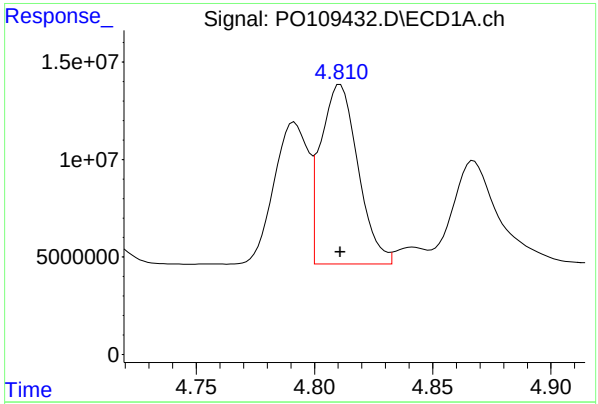
#12 AR-1232-2

R.T.: 4.569 min
Delta R.T.: 0.000 min
Response: 58041447
Conc: 500.00 ng/ml



#12 AR-1232-2

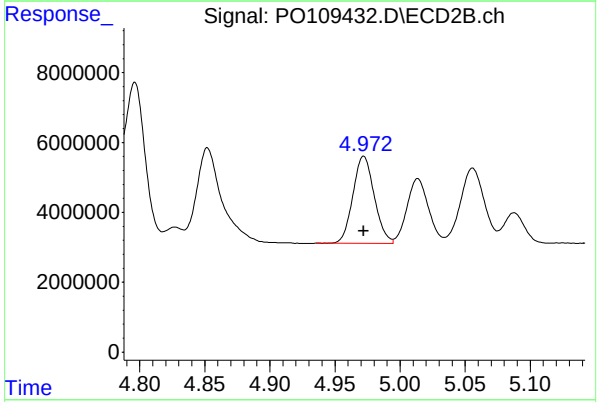
R.T.: 4.796 min
Delta R.T.: 0.000 min
Response: 51658633
Conc: 500.00 ng/ml



#13 AR-1232-3

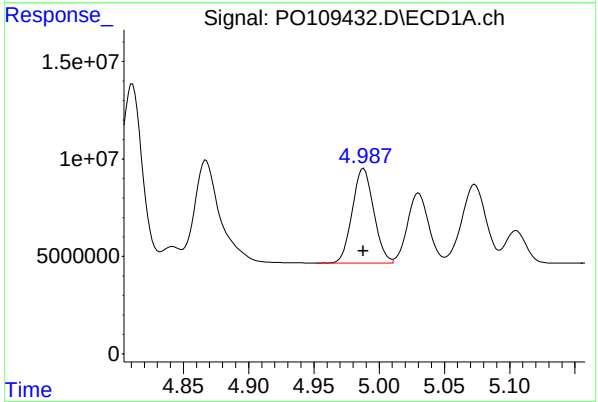
R.T.: 4.811 min
Delta R.T.: 0.000 min
Response: 100967925
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



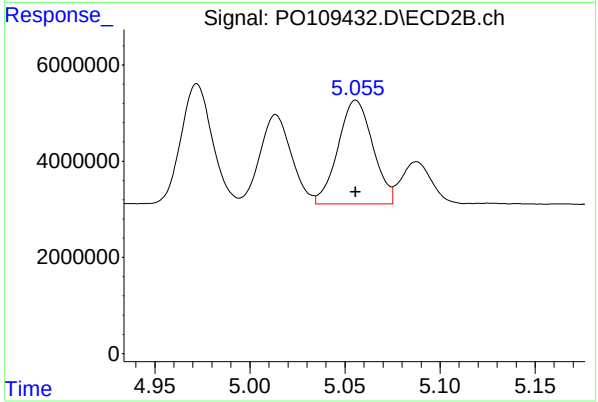
#13 AR-1232-3

R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 28385926
Conc: 500.00 ng/ml



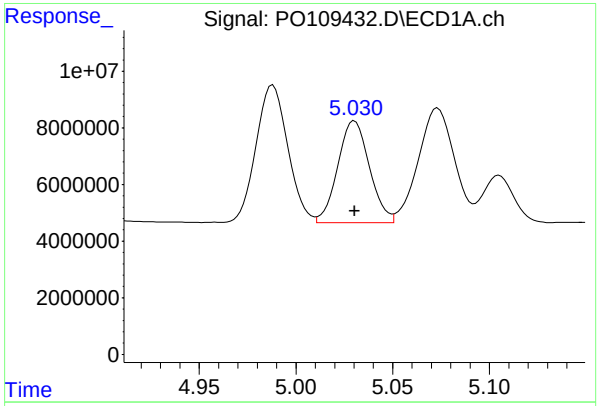
#14 AR-1232-4

R.T.: 4.988 min
Delta R.T.: 0.000 min
Response: 55610100
Conc: 500.00 ng/ml



#14 AR-1232-4

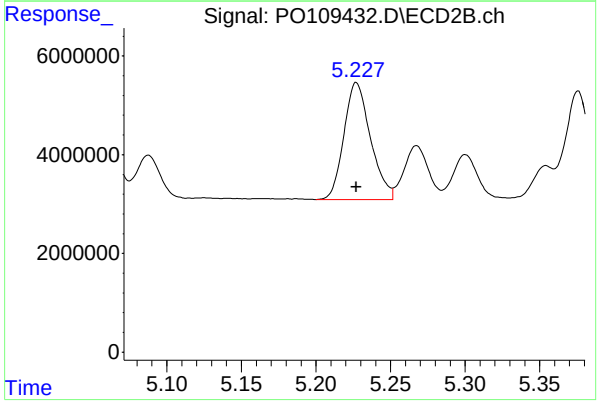
R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 27447264
Conc: 500.00 ng/ml



#15 AR-1232-5

R.T.: 5.030 min
Delta R.T.: 0.000 min
Response: 40834319
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



#15 AR-1232-5

R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 29402463
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109433.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 18:55
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: Feb 21 02:27:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:26:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.697	3.694	923.7E6	500.1E6	97.778	95.185
2)	SA Decachlor...	8.755	8.706	757.1E6	272.8E6	92.369	90.350
	Target Compounds						
16)	L4 AR-1242-1	4.792	4.777	241.6E6	121.0E6	916.426	908.645
17)	L4 AR-1242-2	4.811	4.797	330.3E6	169.6E6	917.306	925.460
18)	L4 AR-1242-3	4.867	4.972	231.0E6	93390359	900.175	913.397
19)	L4 AR-1242-4	4.988	5.056	181.9E6	96389066	908.484	894.238
20)	L4 AR-1242-5	5.642	5.579	192.2E6	113.2E6	904.779	903.843

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

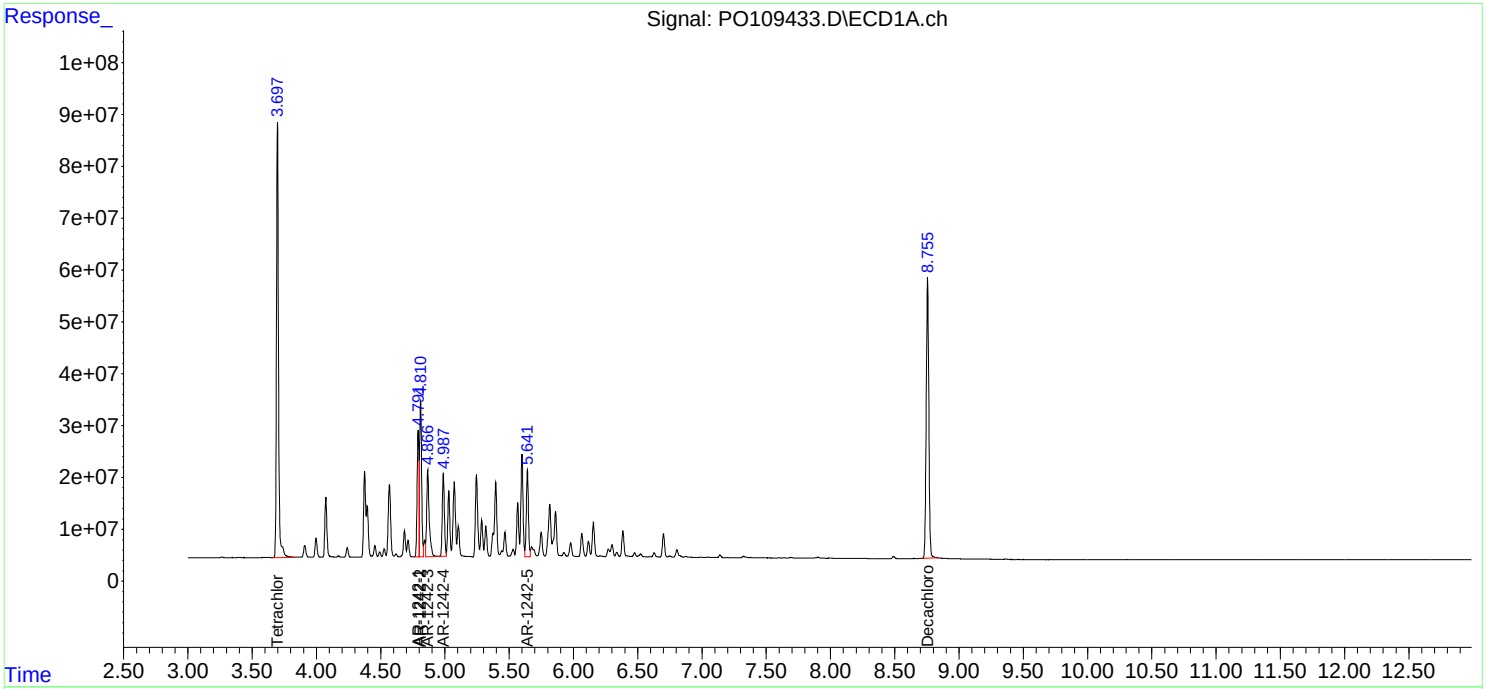
ICAL Form

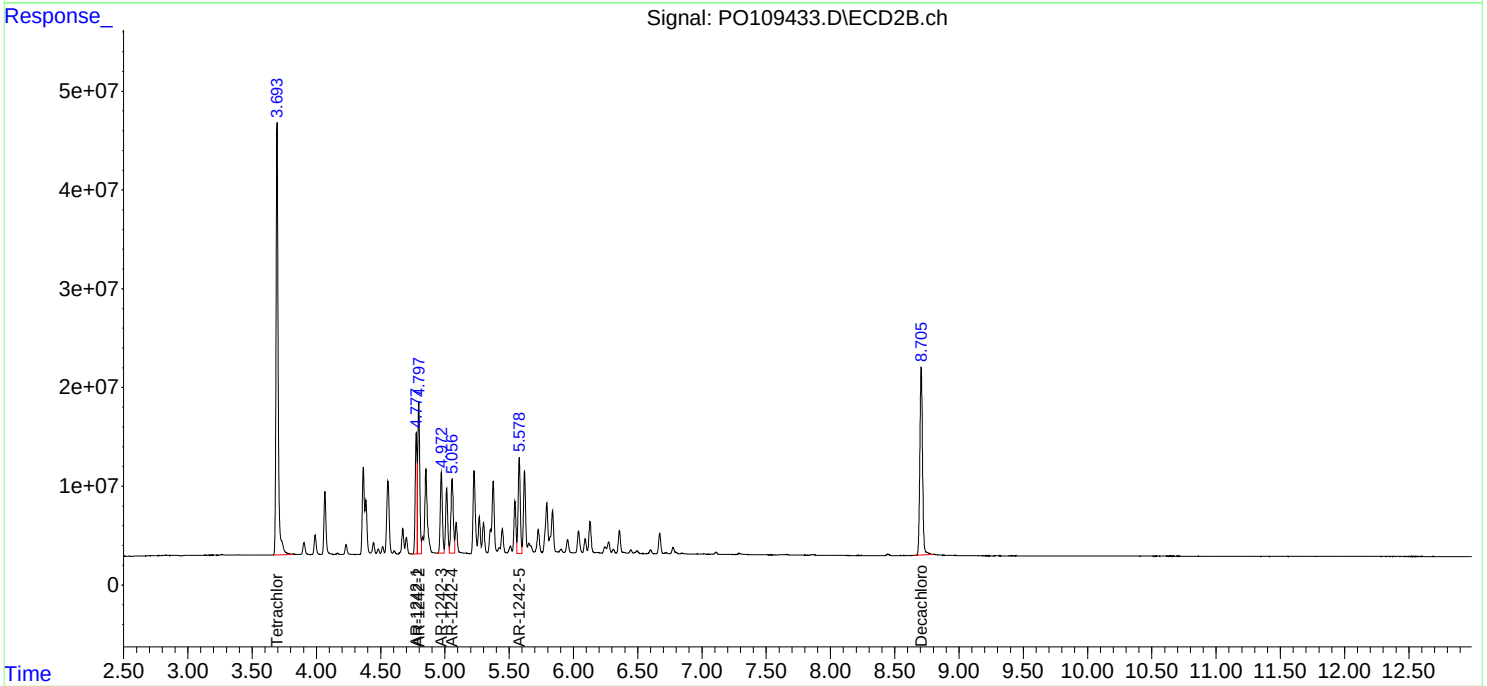
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109433.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 18:55
Operator : YP/AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

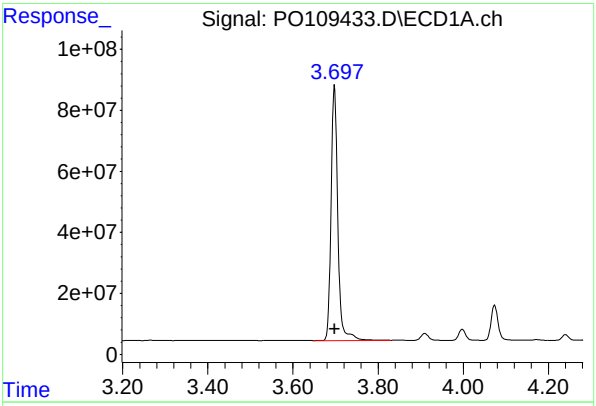
Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:27:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:26:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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



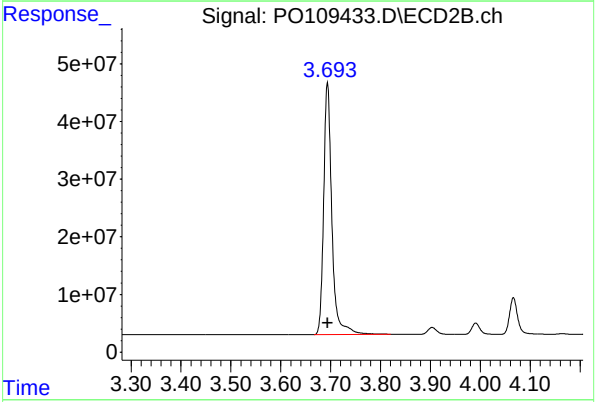




#1 Tetrachloro-m-xylene

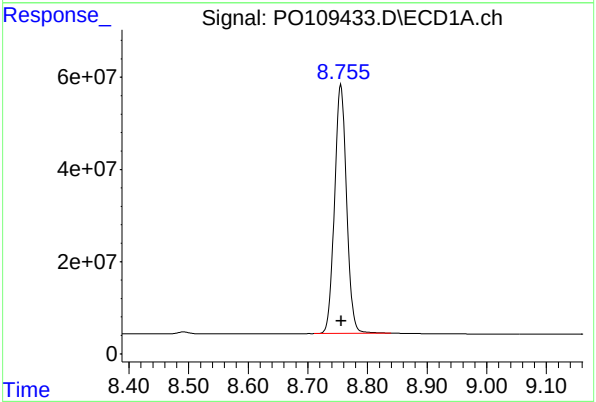
R.T.: 3.697 min
Delta R.T.: 0.000 min
Response: 923693188
Conc: 97.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



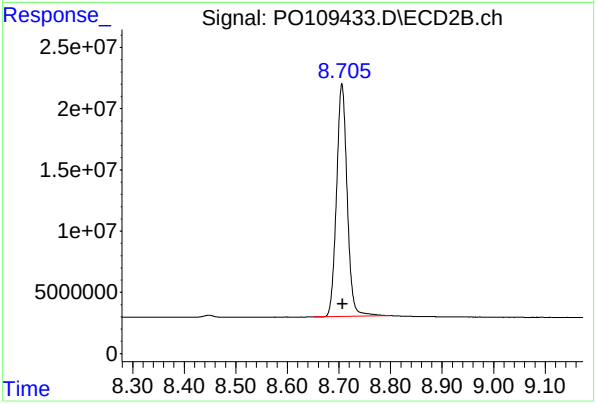
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 500121342
Conc: 95.18 ng/ml



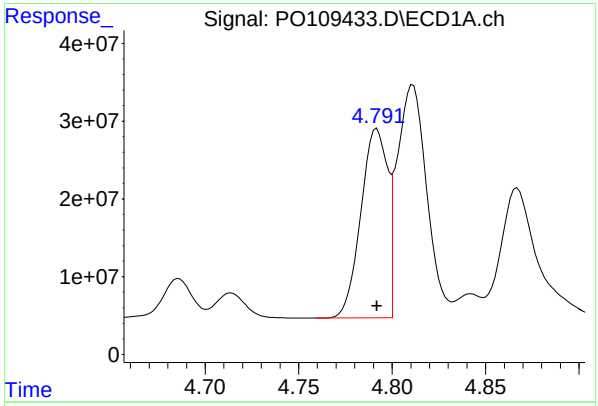
#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: 0.000 min
Response: 757146016
Conc: 92.37 ng/ml



#2 Decachlorobiphenyl

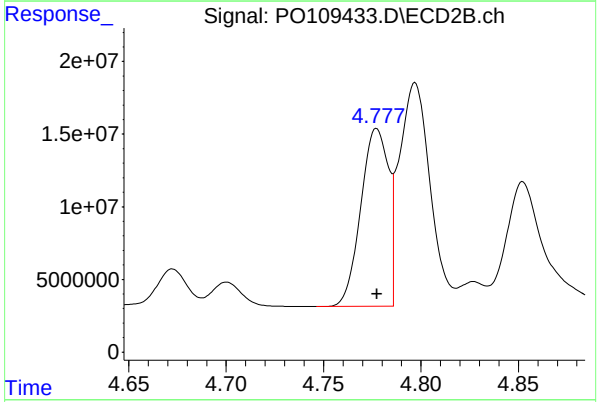
R.T.: 8.706 min
Delta R.T.: -0.001 min
Response: 272782324
Conc: 90.35 ng/ml



#16 AR-1242-1

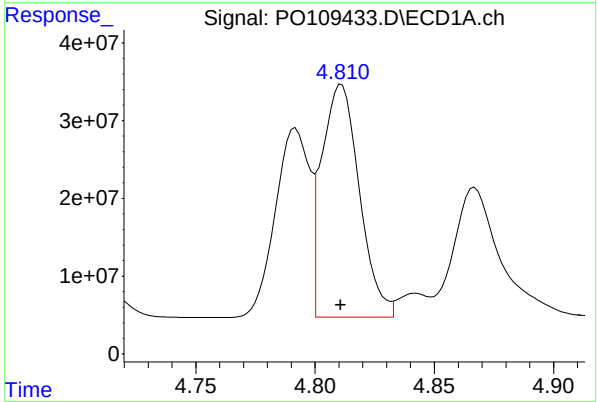
R.T.: 4.792 min
Delta R.T.: 0.000 min
Response: 241553792
Conc: 916.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



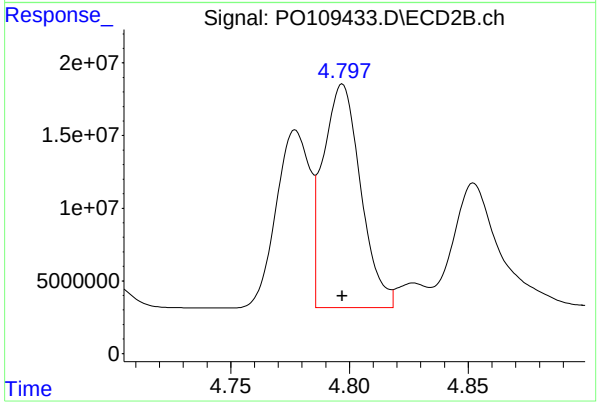
#16 AR-1242-1

R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 120966720
Conc: 908.64 ng/ml



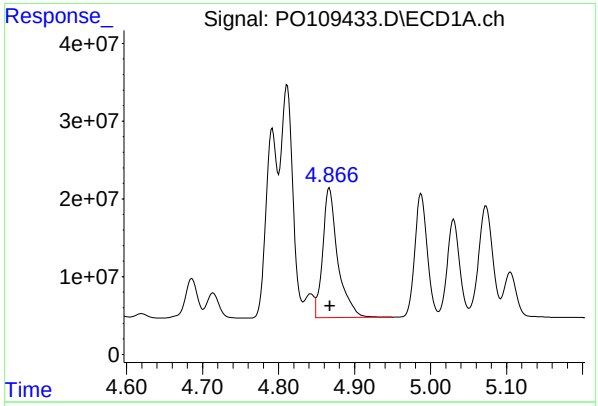
#17 AR-1242-2

R.T.: 4.811 min
Delta R.T.: 0.000 min
Response: 330250979
Conc: 917.31 ng/ml



#17 AR-1242-2

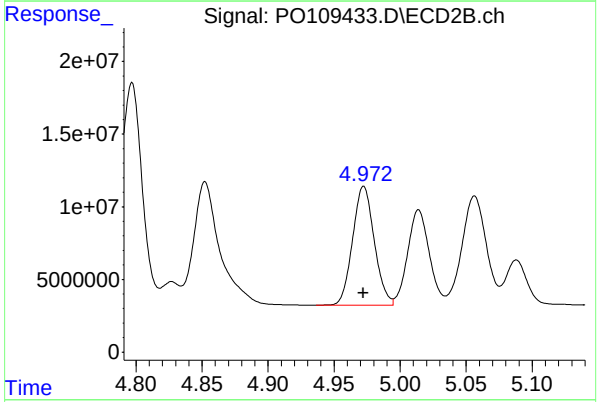
R.T.: 4.797 min
Delta R.T.: 0.000 min
Response: 169605960
Conc: 925.46 ng/ml



#18 AR-1242-3

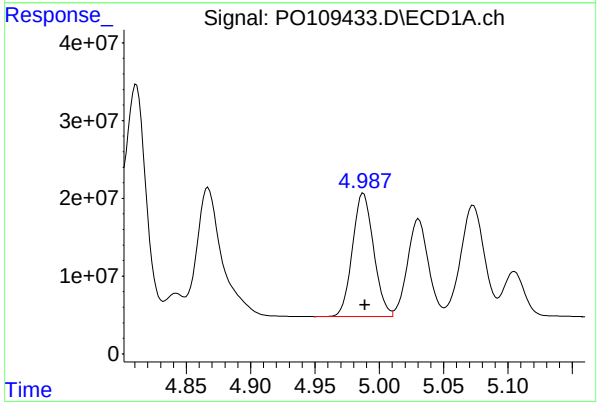
R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 230958690
Conc: 900.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



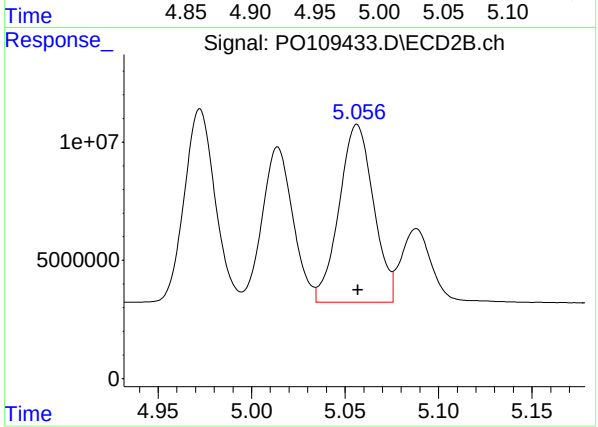
#18 AR-1242-3

R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 93390359
Conc: 913.40 ng/ml



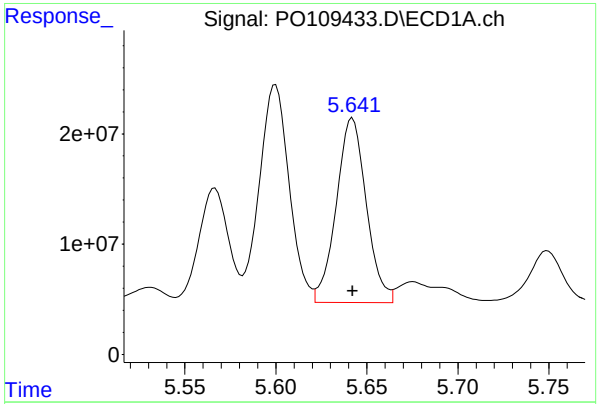
#19 AR-1242-4

R.T.: 4.988 min
Delta R.T.: -0.001 min
Response: 181873604
Conc: 908.48 ng/ml



#19 AR-1242-4

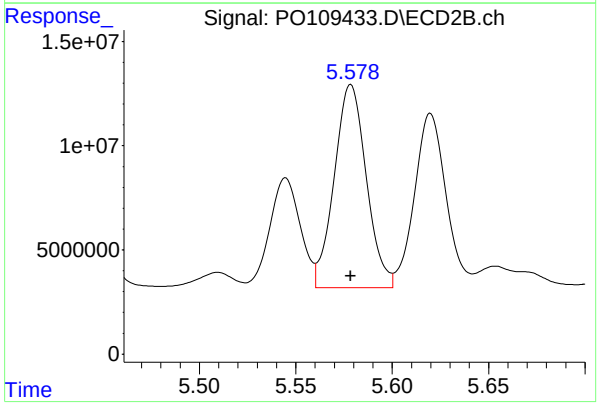
R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 96389066
Conc: 894.24 ng/ml



#20 AR-1242-5

R.T.: 5.642 min
Delta R.T.: 0.000 min
Response: 192196869
Conc: 904.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



#20 AR-1242-5

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 113196636
Conc: 903.84 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109434.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 19:13
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: Feb 21 02:27:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:26:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.698	3.694	705.0E6	380.9E6	74.630	72.489
2)	SA Decachlor...	8.755	8.706	583.7E6	214.6E6	71.212	71.089
	Target Compounds						
16)	L4 AR-1242-1	4.792	4.777	186.6E6	93559887	707.886	702.778
17)	L4 AR-1242-2	4.812	4.796	255.9E6	130.1E6	710.666	710.082
18)	L4 AR-1242-3	4.868	4.972	179.6E6	72475556	699.816	708.841
19)	L4 AR-1242-4	4.989	5.057	141.2E6	75764454	705.184	702.896
20)	L4 AR-1242-5	5.643	5.578	148.7E6	88287004	700.176	704.946

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

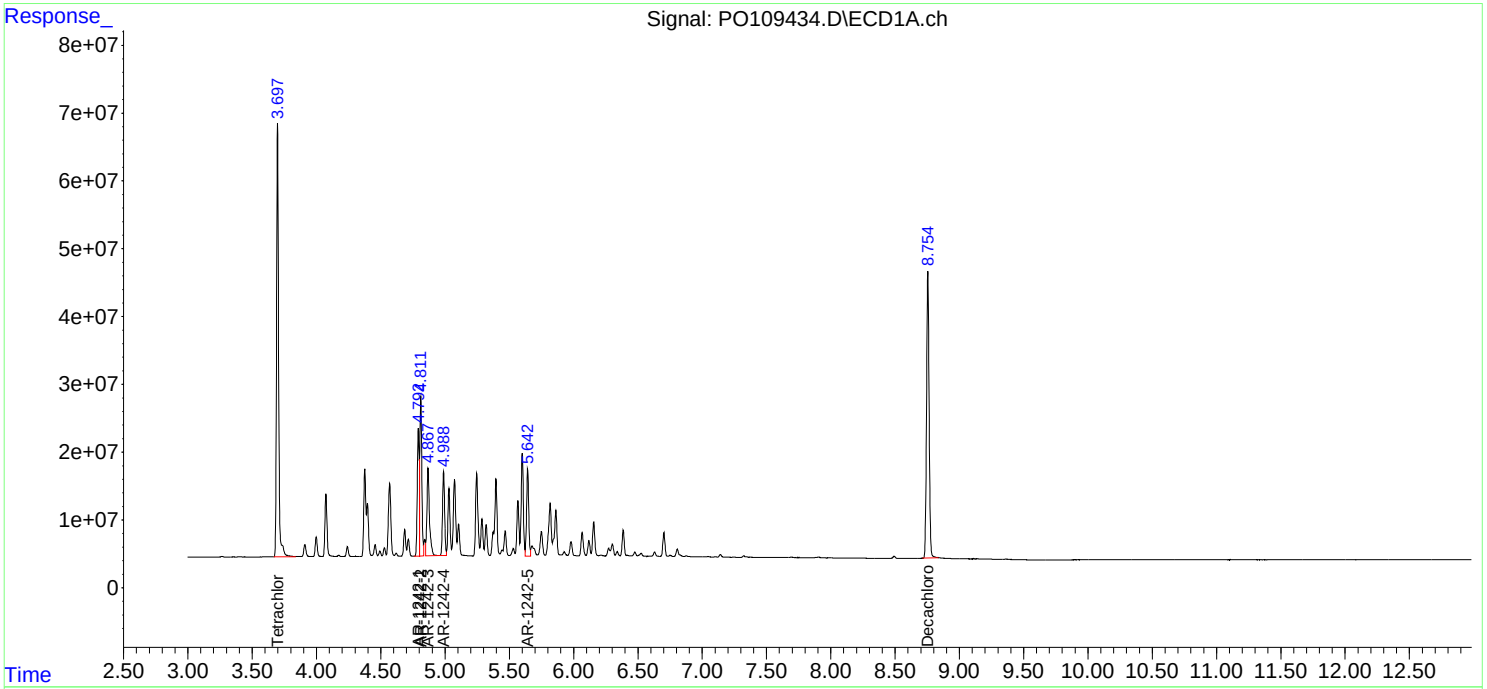
ICAL Form

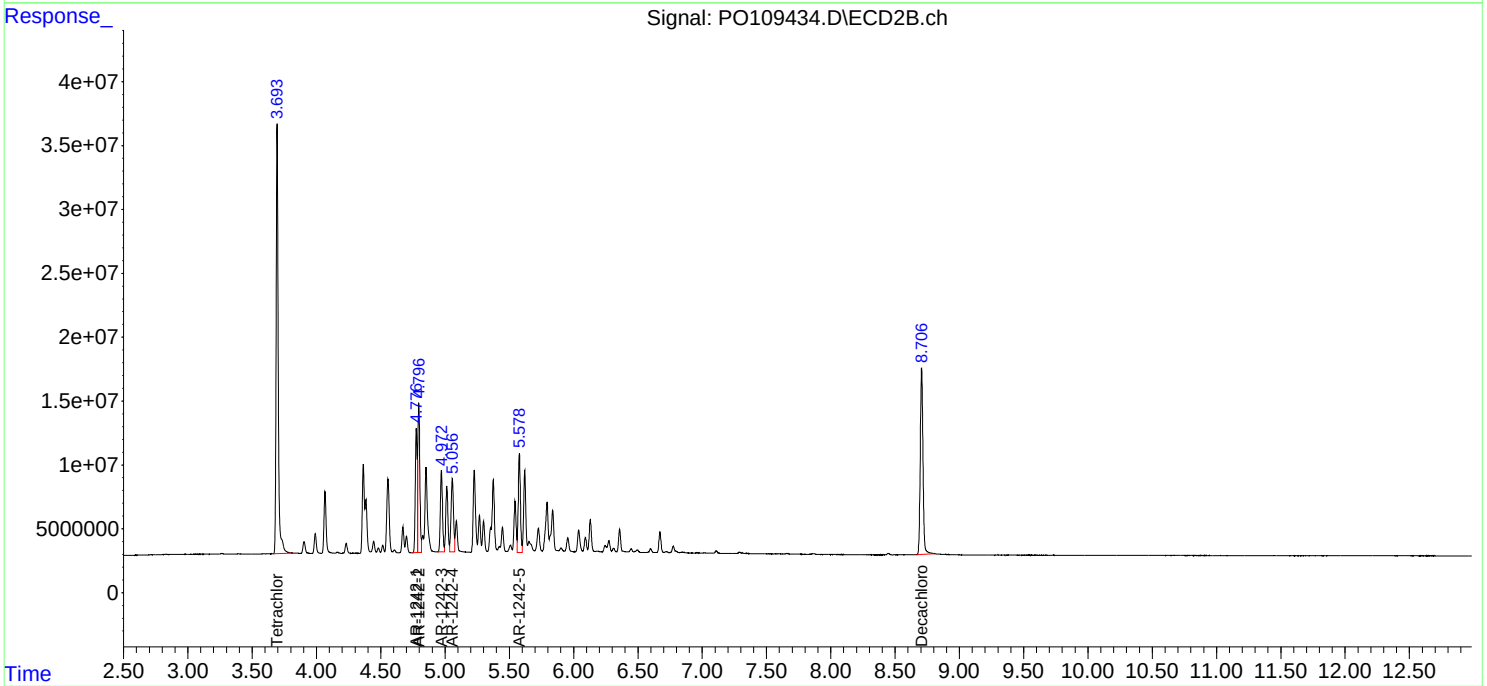
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109434.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 19:13
Operator : YP/AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

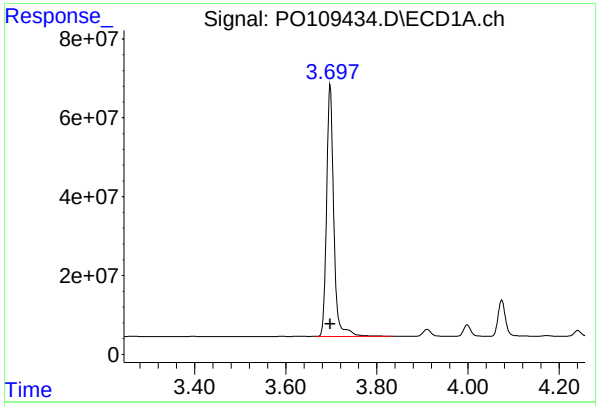
Instrument :
ECD_O
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:27:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:26:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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



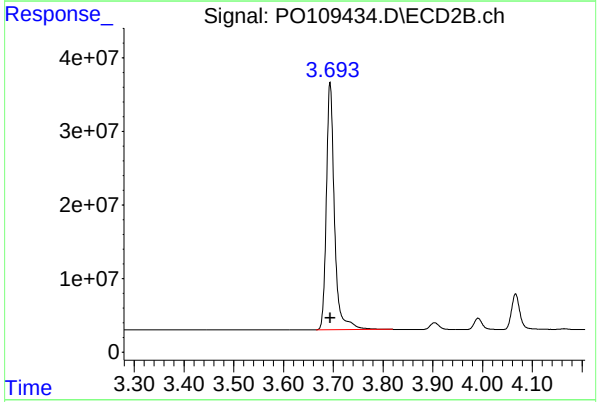




#1 Tetrachloro-m-xylene

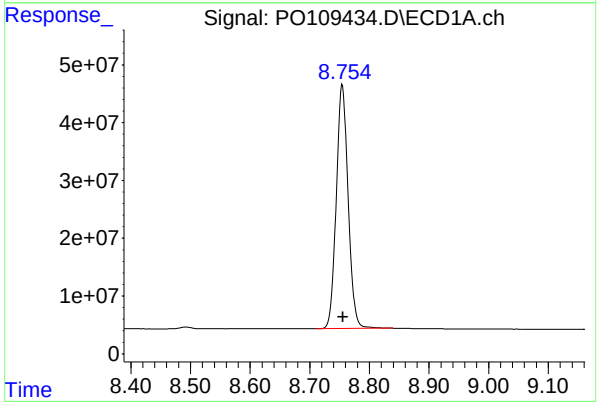
R.T.: 3.698 min
Delta R.T.: 0.000 min
Response: 705015364
Conc: 74.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



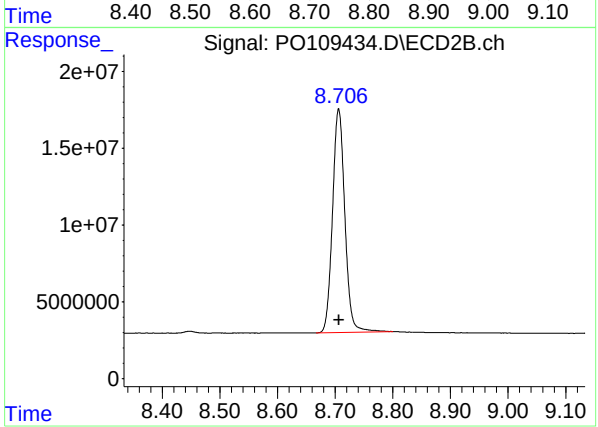
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 380874218
Conc: 72.49 ng/ml



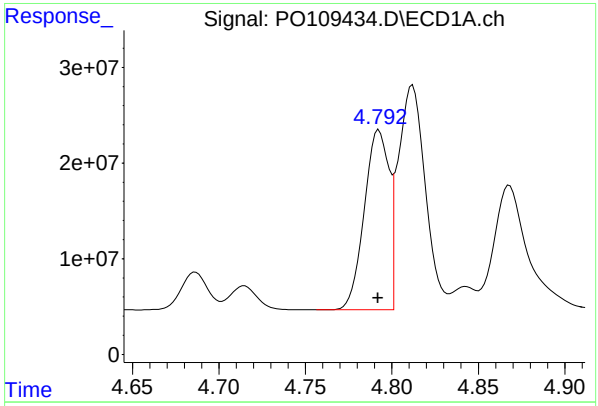
#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.001 min
Response: 583729030
Conc: 71.21 ng/ml



#2 Decachlorobiphenyl

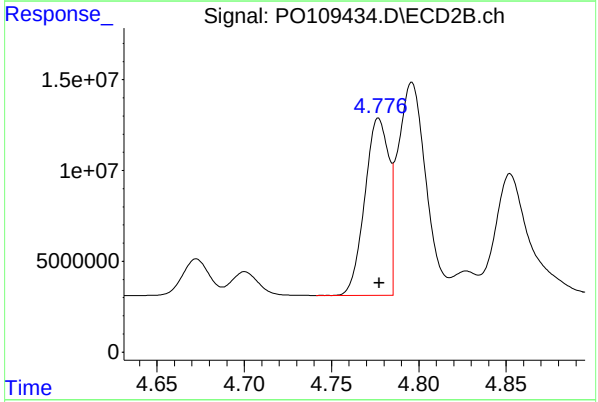
R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 214631307
Conc: 71.09 ng/ml



#16 AR-1242-1

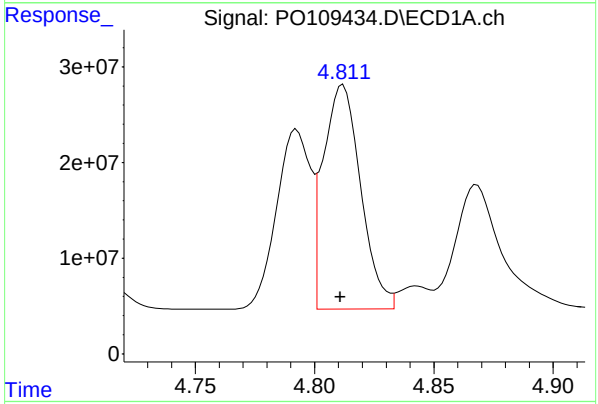
R.T.: 4.792 min
Delta R.T.: 0.000 min
Response: 186586315
Conc: 707.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



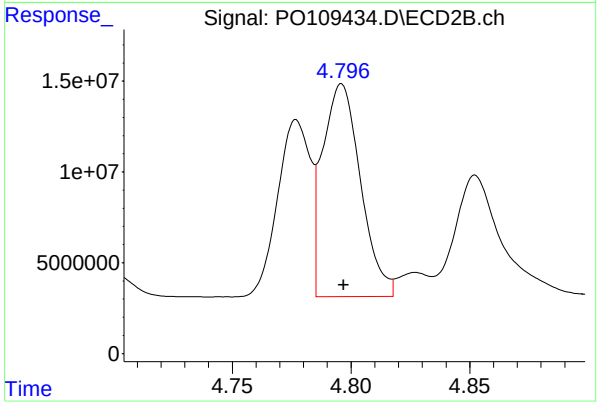
#16 AR-1242-1

R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 93559887
Conc: 702.78 ng/ml



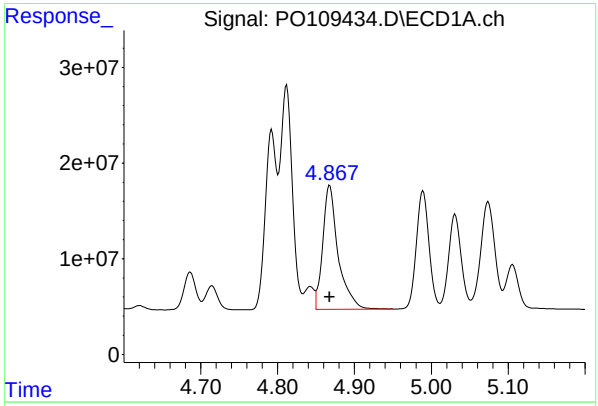
#17 AR-1242-2

R.T.: 4.812 min
Delta R.T.: 0.001 min
Response: 255855984
Conc: 710.67 ng/ml



#17 AR-1242-2

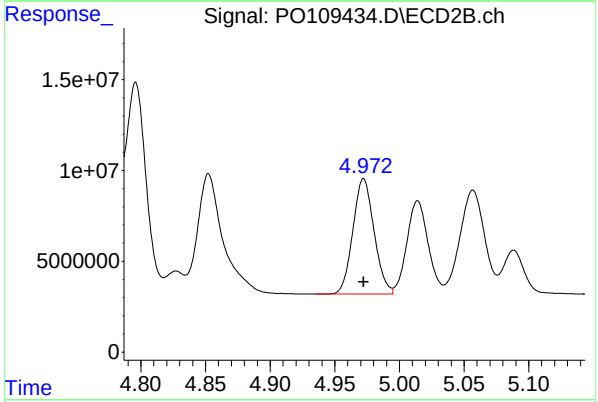
R.T.: 4.796 min
Delta R.T.: 0.000 min
Response: 130134409
Conc: 710.08 ng/ml



#18 AR-1242-3

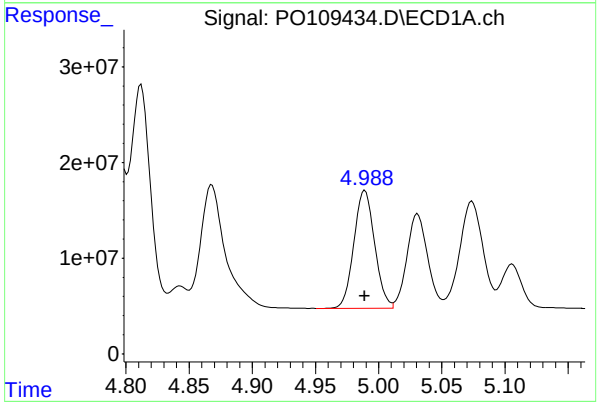
R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 179552489
Conc: 699.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



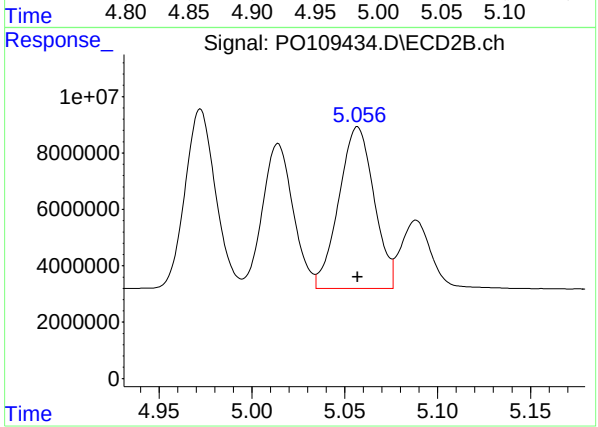
#18 AR-1242-3

R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 72475556
Conc: 708.84 ng/ml



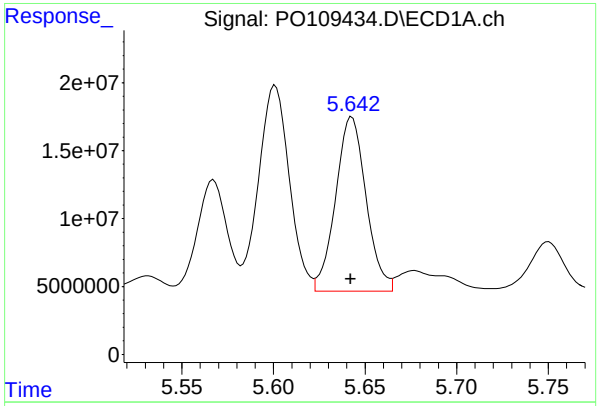
#19 AR-1242-4

R.T.: 4.989 min
Delta R.T.: 0.000 min
Response: 141174141
Conc: 705.18 ng/ml



#19 AR-1242-4

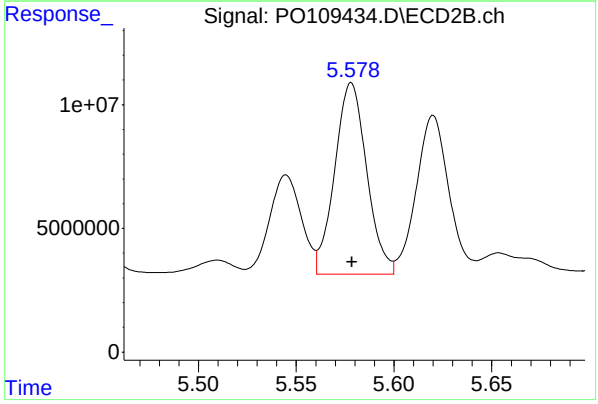
R.T.: 5.057 min
Delta R.T.: 0.000 min
Response: 75764454
Conc: 702.90 ng/ml



#20 AR-1242-5

R.T.: 5.643 min
Delta R.T.: 0.000 min
Response: 148734207
Conc: 700.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



#20 AR-1242-5

R.T.: 5.578 min
Delta R.T.: 0.000 min
Response: 88287004
Conc: 704.95 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109435.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 19:31
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: Feb 21 02:28:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:26:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.698	3.694	472.3E6	262.7E6	50.000	50.000
2)	SA Decachlor...	8.756	8.707	409.9E6	151.0E6	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	4.792	4.777	131.8E6	66564351	500.000	500.000
17)	L4 AR-1242-2	4.811	4.797	180.0E6	91633308	500.000	500.000
18)	L4 AR-1242-3	4.868	4.972	128.3E6	51122546	500.000	500.000
19)	L4 AR-1242-4	4.989	5.057	100.1E6	53894501	500.000	500.000
20)	L4 AR-1242-5	5.642	5.578	106.2E6	62619657	500.000	500.000

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

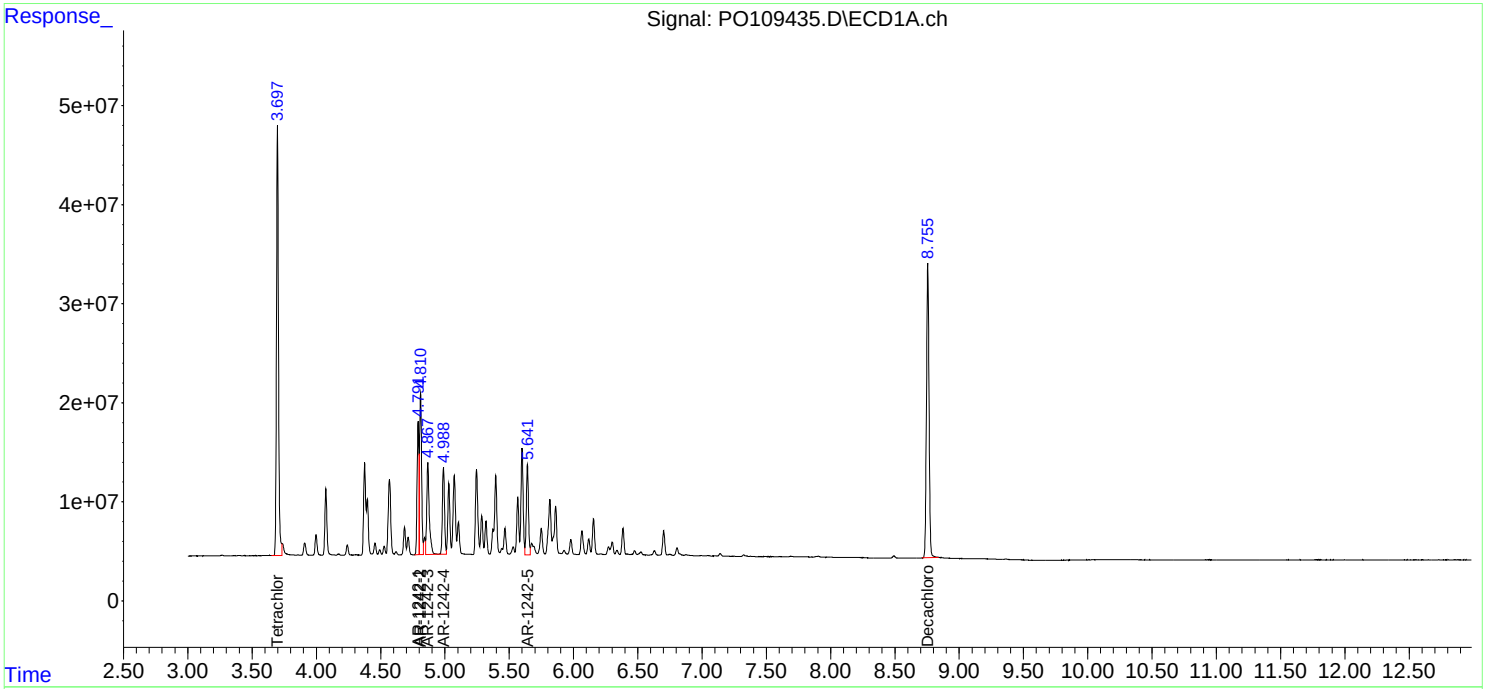
ICAL Form

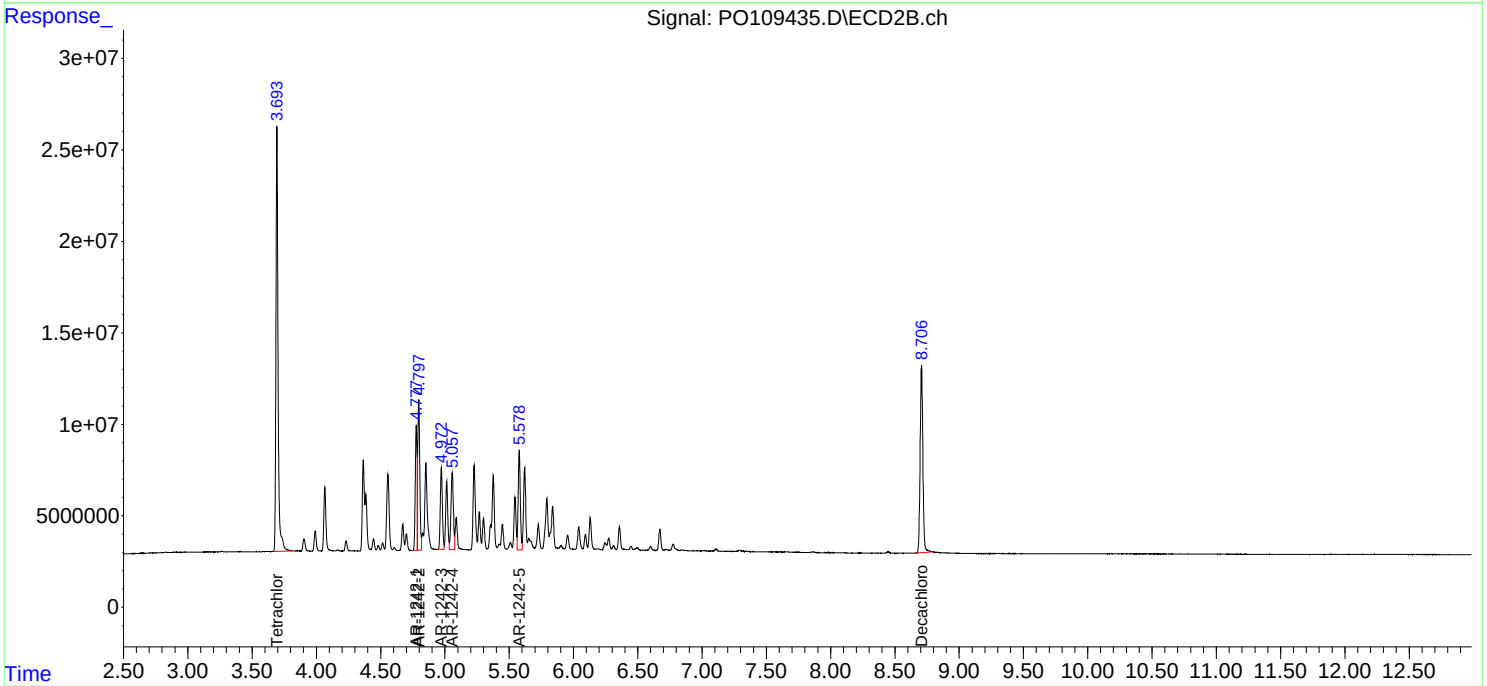
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109435.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 19:31
Operator : YP/AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

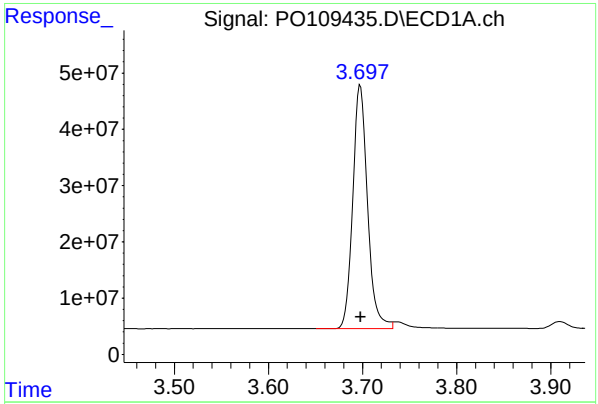
Instrument :
ECD_O
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:28:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:26:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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



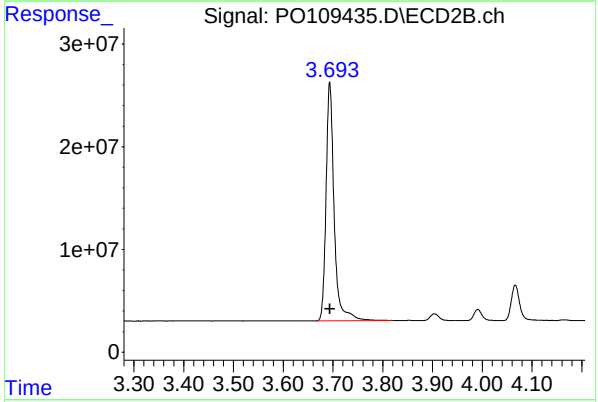




#1 Tetrachloro-m-xylene

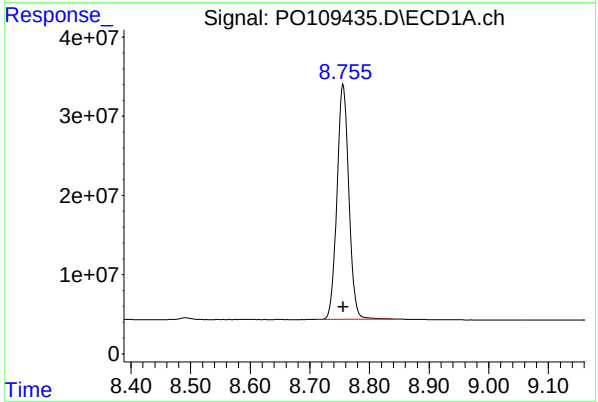
R.T.: 3.698 min
Delta R.T.: 0.000 min
Response: 472343017
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



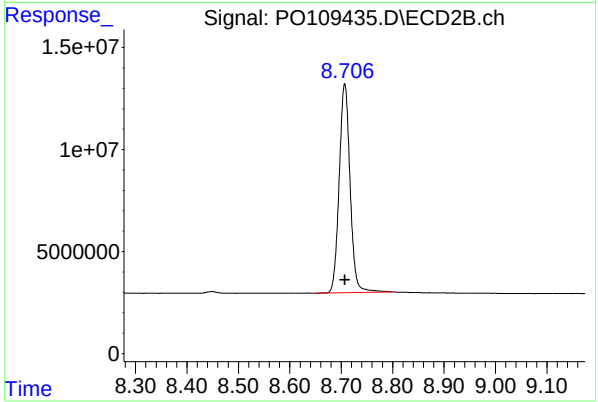
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 262711466
Conc: 50.00 ng/ml



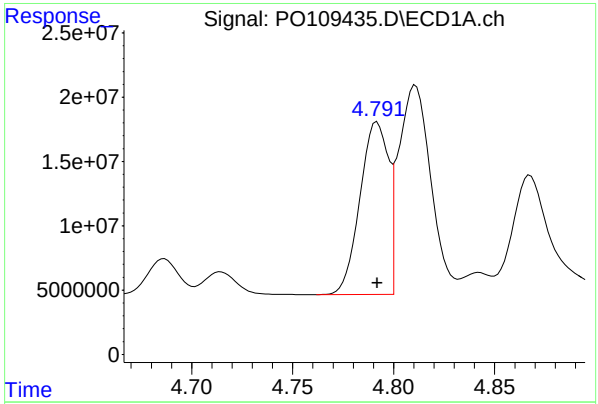
#2 Decachlorobiphenyl

R.T.: 8.756 min
Delta R.T.: 0.000 min
Response: 409850288
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

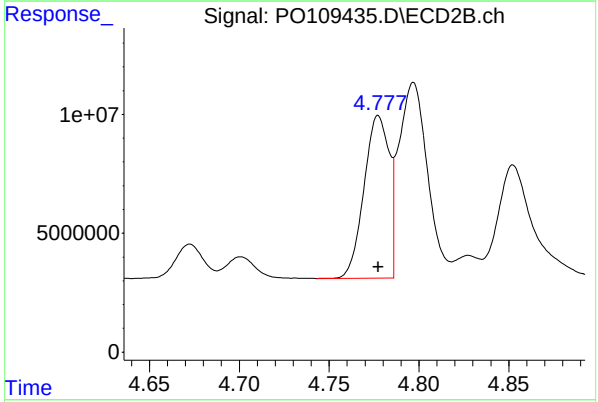
R.T.: 8.707 min
Delta R.T.: 0.000 min
Response: 150958918
Conc: 50.00 ng/ml



#16 AR-1242-1

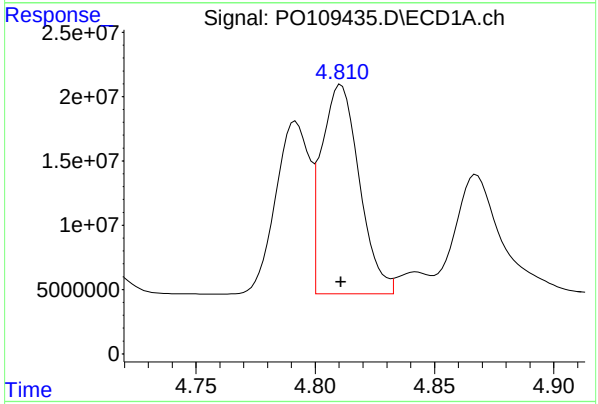
R.T.: 4.792 min
Delta R.T.: 0.000 min
Response: 131791188
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



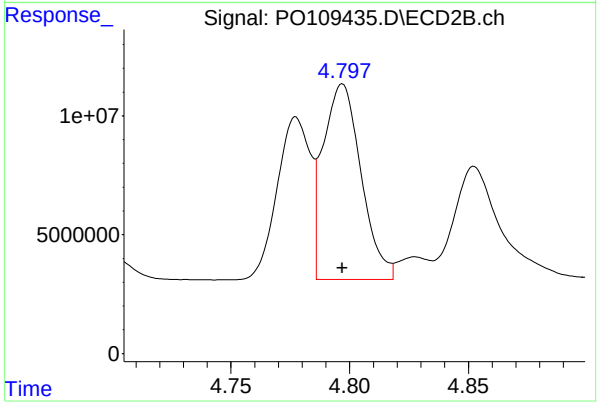
#16 AR-1242-1

R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 66564351
Conc: 500.00 ng/ml



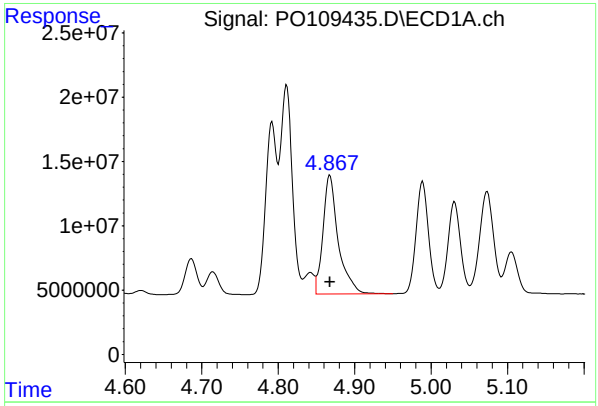
#17 AR-1242-2

R.T.: 4.811 min
Delta R.T.: 0.000 min
Response: 180011297
Conc: 500.00 ng/ml



#17 AR-1242-2

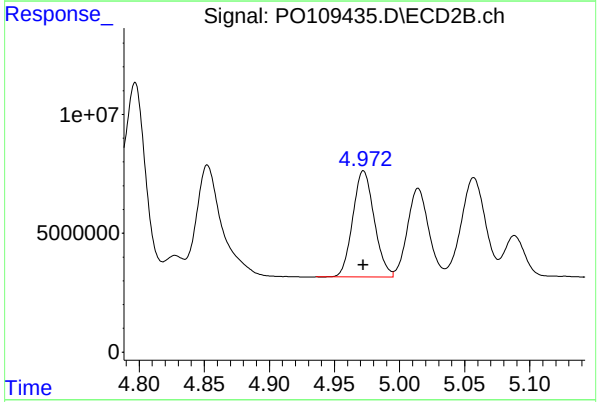
R.T.: 4.797 min
Delta R.T.: 0.000 min
Response: 91633308
Conc: 500.00 ng/ml



#18 AR-1242-3

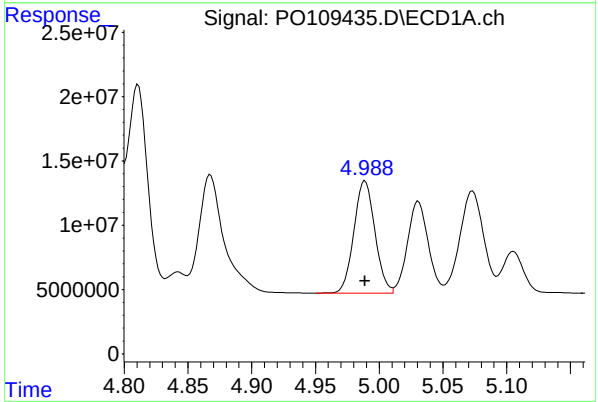
R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 128285495
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



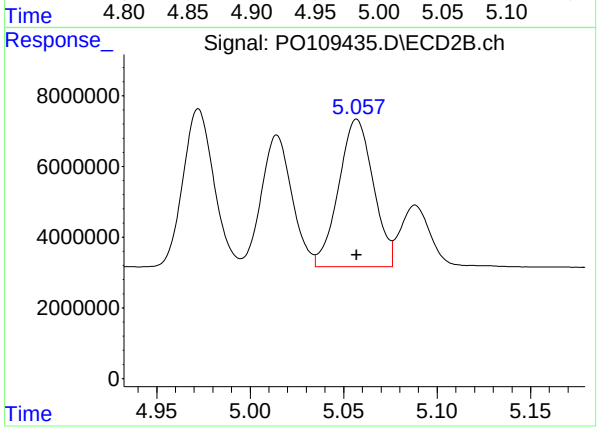
#18 AR-1242-3

R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 51122546
Conc: 500.00 ng/ml



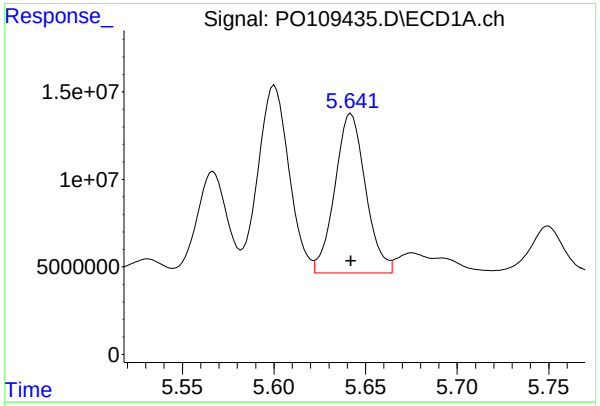
#19 AR-1242-4

R.T.: 4.989 min
Delta R.T.: 0.000 min
Response: 100097347
Conc: 500.00 ng/ml



#19 AR-1242-4

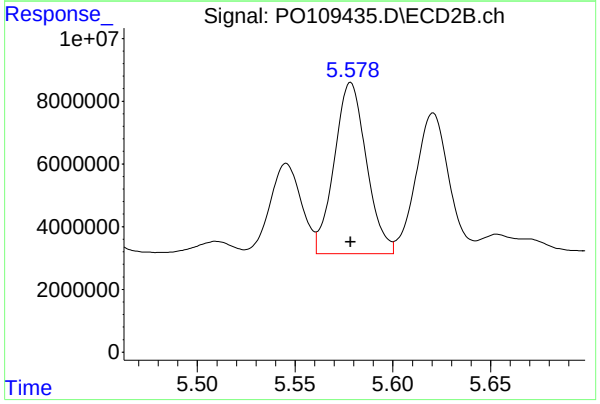
R.T.: 5.057 min
Delta R.T.: 0.000 min
Response: 53894501
Conc: 500.00 ng/ml



#20 AR-1242-5

R.T.: 5.642 min
Delta R.T.: 0.000 min
Response: 106212027
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



#20 AR-1242-5

R.T.: 5.578 min
Delta R.T.: 0.000 min
Response: 62619657
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109436.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 19:50
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: Feb 21 02:28:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:26:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.697	3.694	239.2E6	132.2E6	25.321	25.168
2)	SA Decachlor...	8.755	8.706	217.2E6	81084477	26.492	26.856
	Target Compounds						
16)	L4 AR-1242-1	4.791	4.777	69551526	35357200	263.870	265.587
17)	L4 AR-1242-2	4.811	4.796	94458948	48004344	262.369	261.937
18)	L4 AR-1242-3	4.867	4.972	67985441	26922985	264.977	263.318
19)	L4 AR-1242-4	4.988	5.056	52548713	28834607	262.488	267.510
20)	L4 AR-1242-5	5.642	5.578	58079362	33950495	273.412	271.085

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

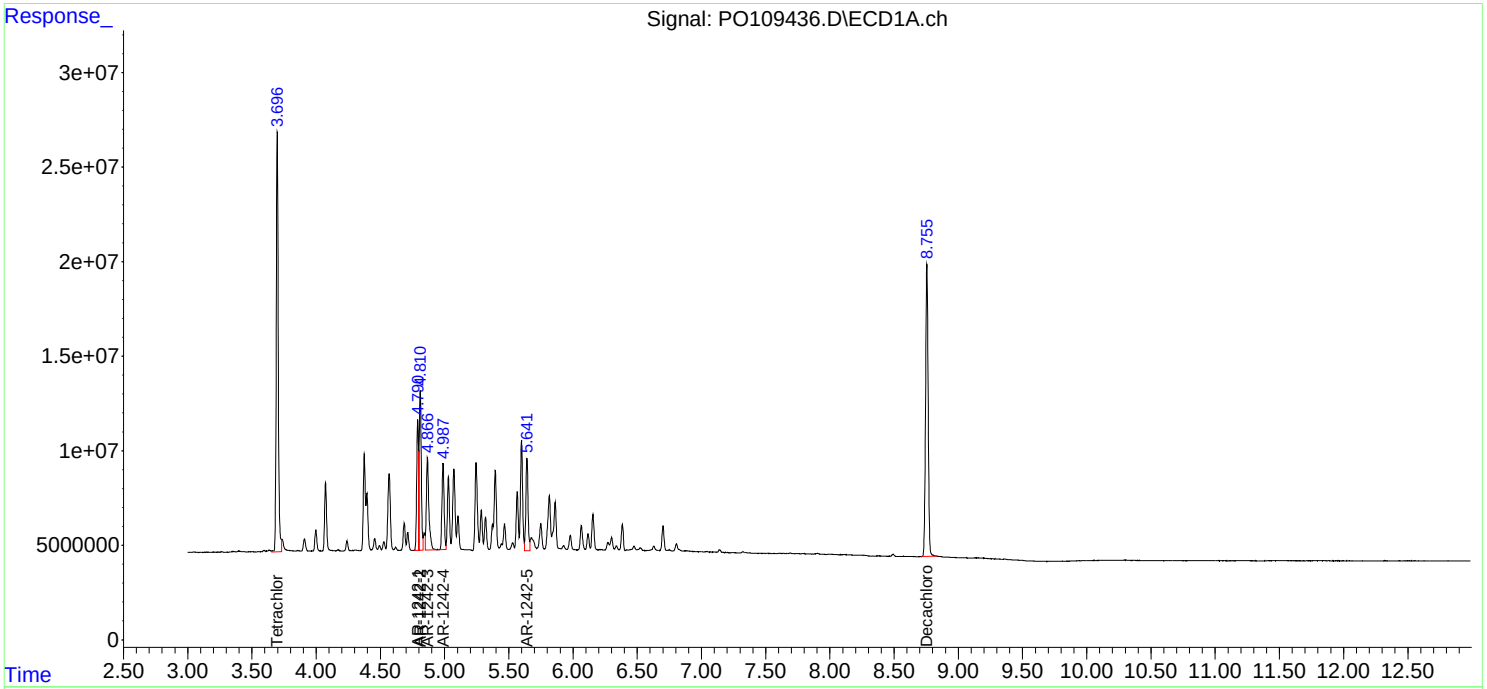
ICAL Form

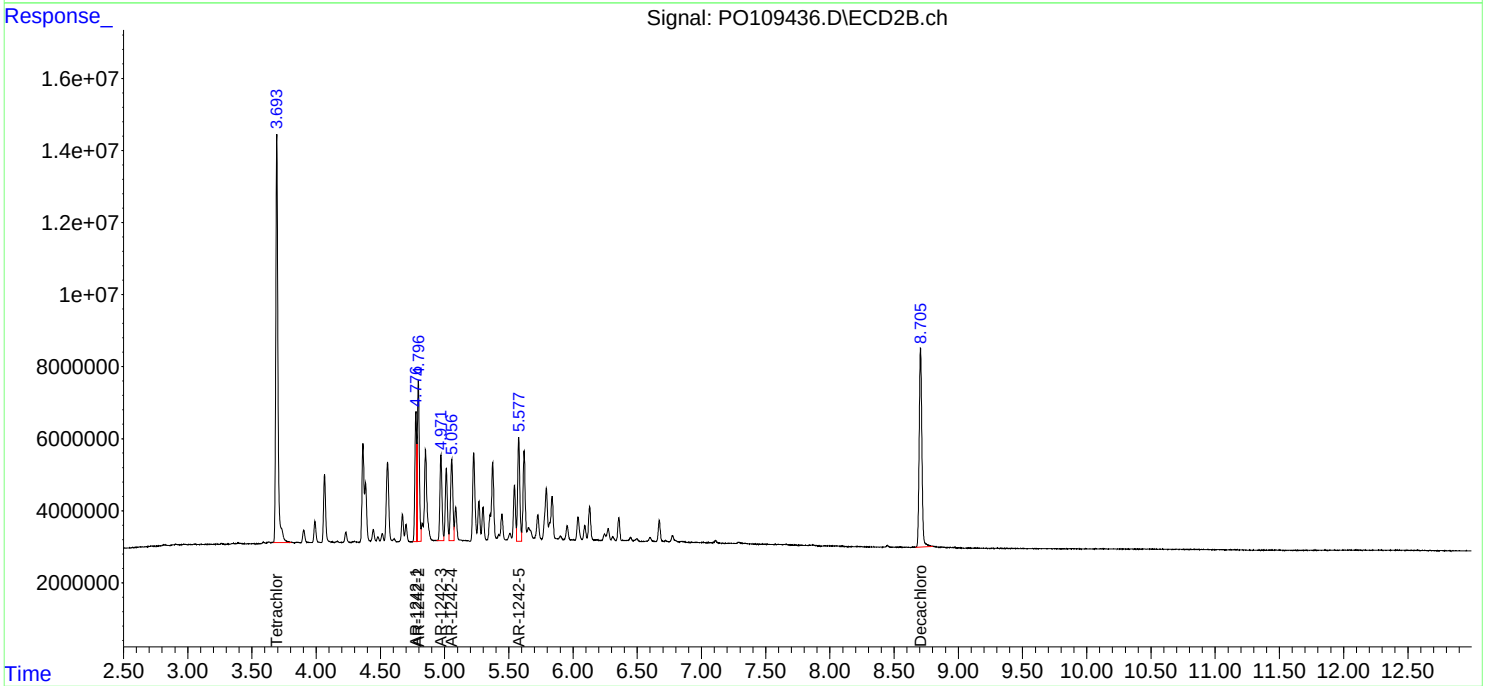
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109436.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 19:50
Operator : YP/AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

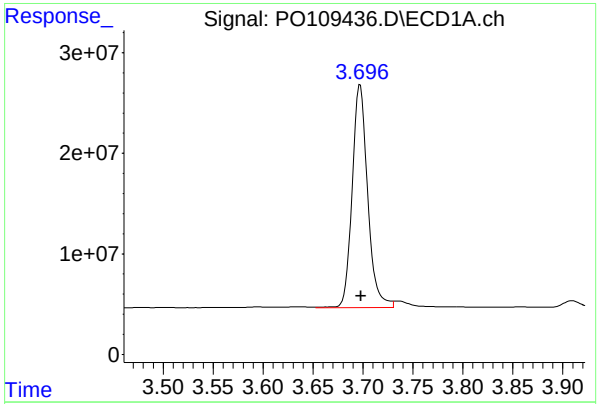
Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:28:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:26:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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



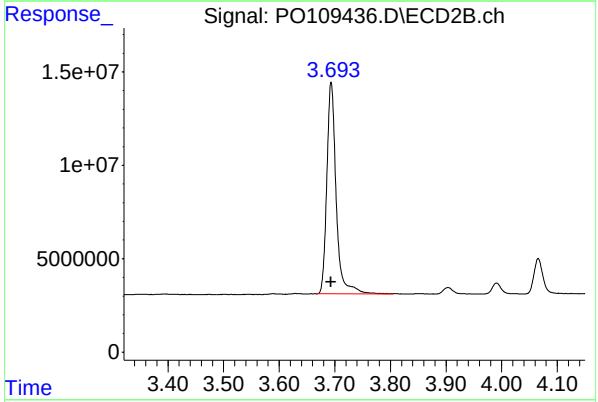




#1 Tetrachloro-m-xylene

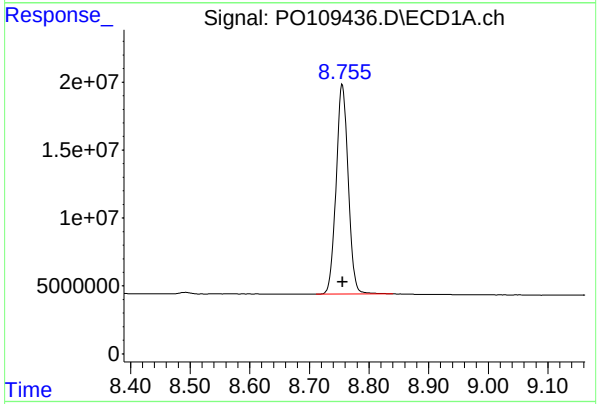
R.T.: 3.697 min
Delta R.T.: 0.000 min
Response: 239201449
Conc: 25.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



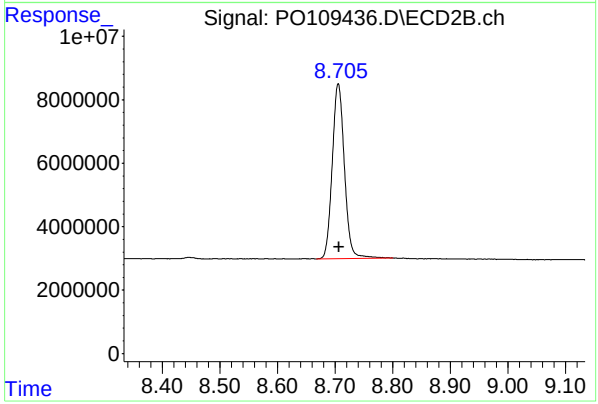
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 132236207
Conc: 25.17 ng/ml



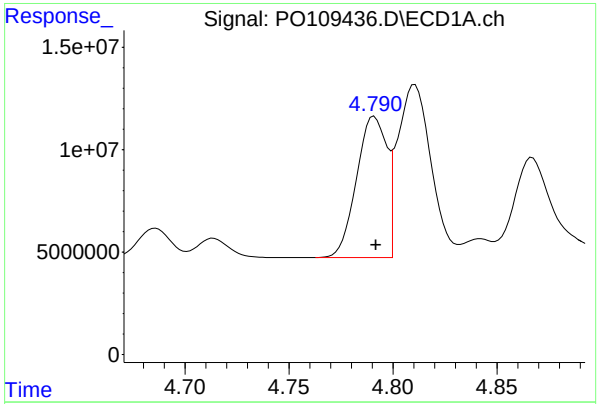
#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: 0.000 min
Response: 217158303
Conc: 26.49 ng/ml



#2 Decachlorobiphenyl

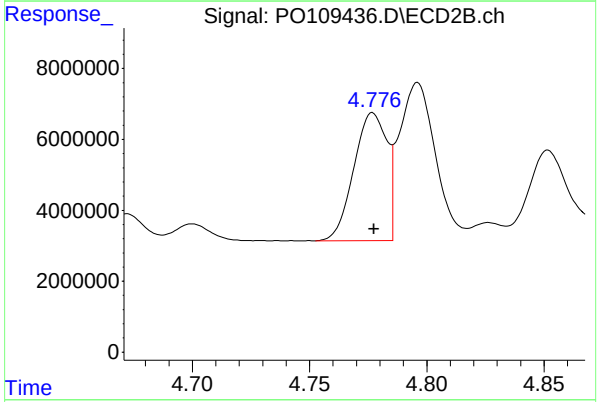
R.T.: 8.706 min
Delta R.T.: -0.001 min
Response: 81084477
Conc: 26.86 ng/ml



#16 AR-1242-1

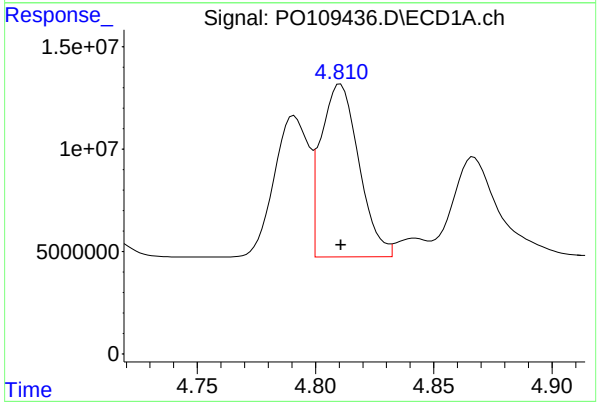
R.T.: 4.791 min
Delta R.T.: 0.000 min
Response: 69551526
Conc: 263.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



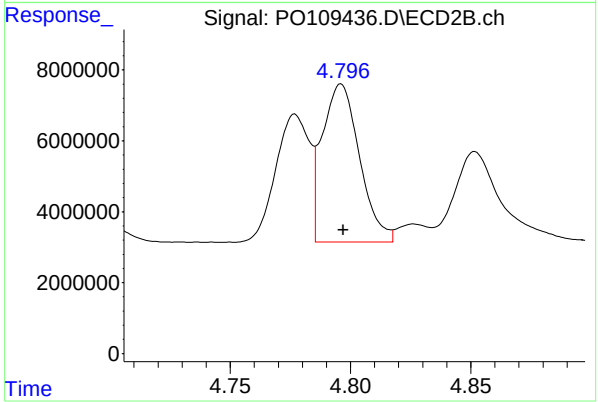
#16 AR-1242-1

R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 35357200
Conc: 265.59 ng/ml



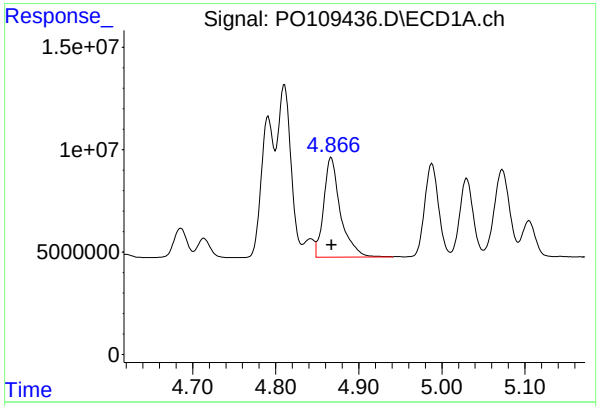
#17 AR-1242-2

R.T.: 4.811 min
Delta R.T.: 0.000 min
Response: 94458948
Conc: 262.37 ng/ml



#17 AR-1242-2

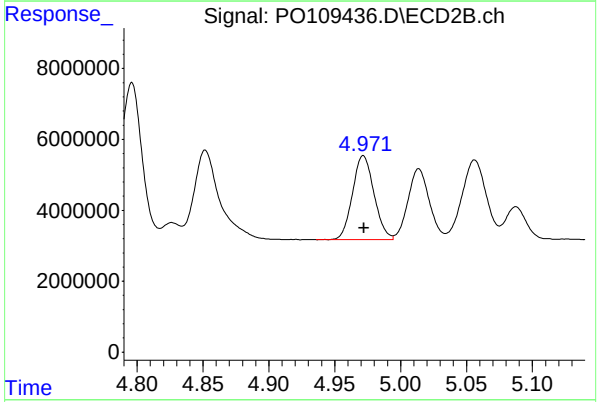
R.T.: 4.796 min
Delta R.T.: 0.000 min
Response: 48004344
Conc: 261.94 ng/ml



#18 AR-1242-3

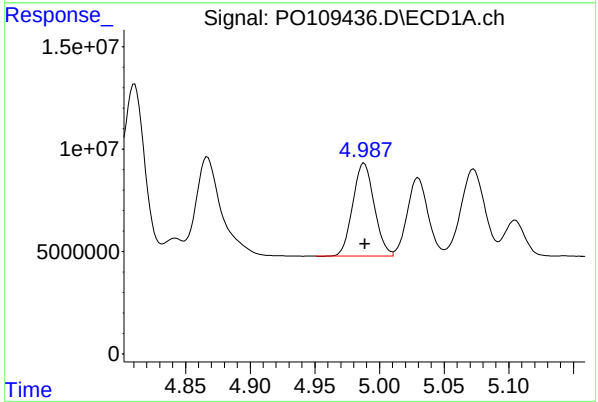
R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 67985441
Conc: 264.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



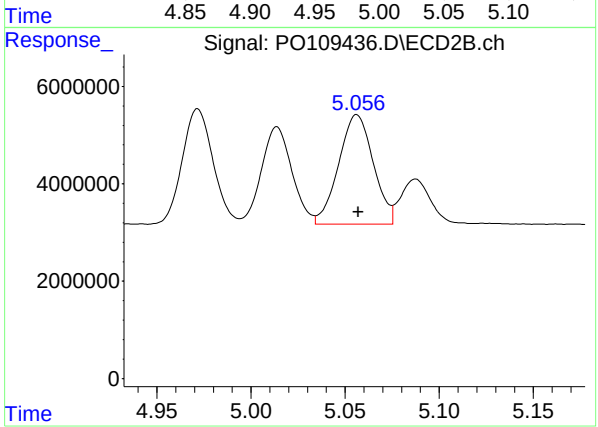
#18 AR-1242-3

R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 26922985
Conc: 263.32 ng/ml



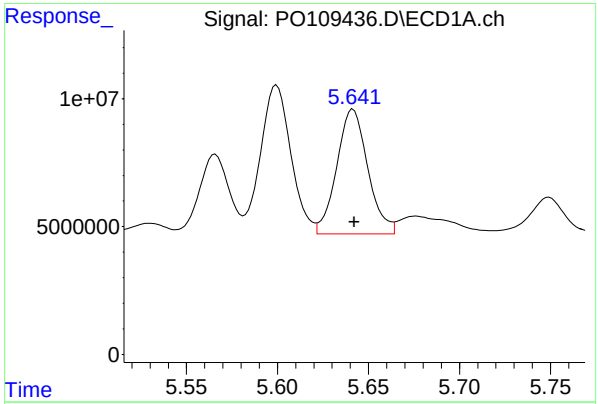
#19 AR-1242-4

R.T.: 4.988 min
Delta R.T.: 0.000 min
Response: 52548713
Conc: 262.49 ng/ml



#19 AR-1242-4

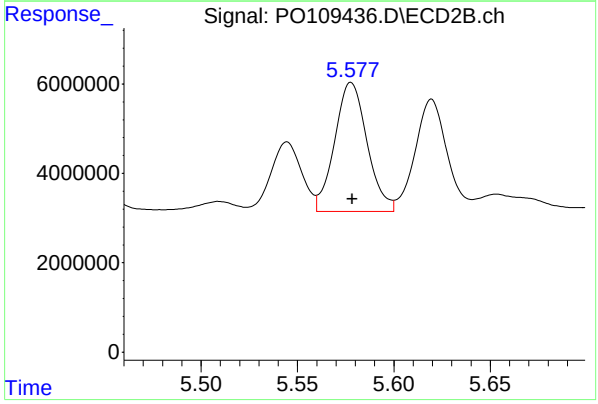
R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 28834607
Conc: 267.51 ng/ml



#20 AR-1242-5

R.T.: 5.642 min
Delta R.T.: 0.000 min
Response: 58079362
Conc: 273.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



#20 AR-1242-5

R.T.: 5.578 min
Delta R.T.: 0.000 min
Response: 33950495
Conc: 271.08 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109437.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:08
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:28:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:26:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.697	3.693	45284325	24258325	4.794	4.617
2)	SA Decachlor...	8.755	8.706	43522830	16219813	5.310	5.372
	Target Compounds						
16)	L4 AR-1242-1	4.792	4.777	13835003	7073196	52.488	53.131
17)	L4 AR-1242-2	4.811	4.796	18548986	9458809	51.522	51.612
18)	L4 AR-1242-3	4.867	4.971	12898843	4970561	50.274	48.614
19)	L4 AR-1242-4	4.988	5.055	10088199	5702832	50.392	52.907
20)	L4 AR-1242-5	5.641	5.577	11831514	6828665	55.698m	54.525m

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109437.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:08
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

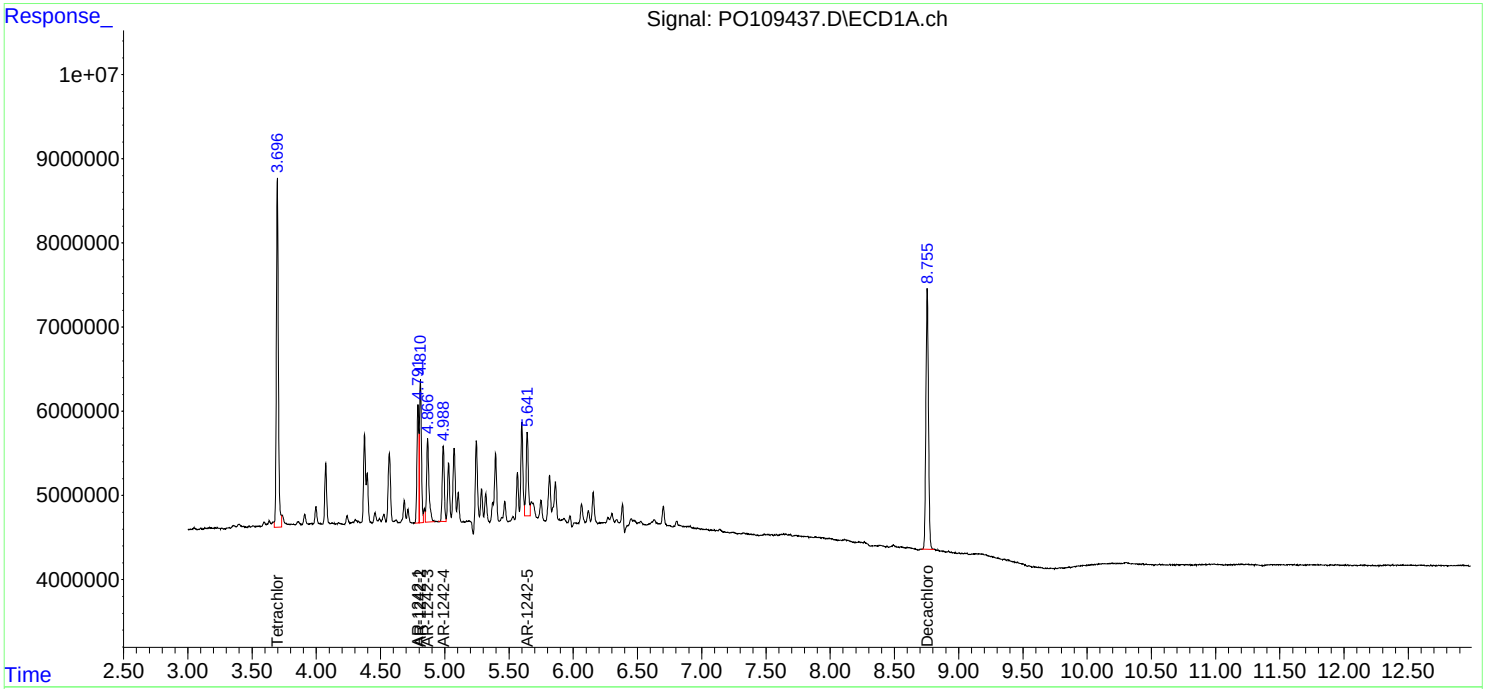
Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

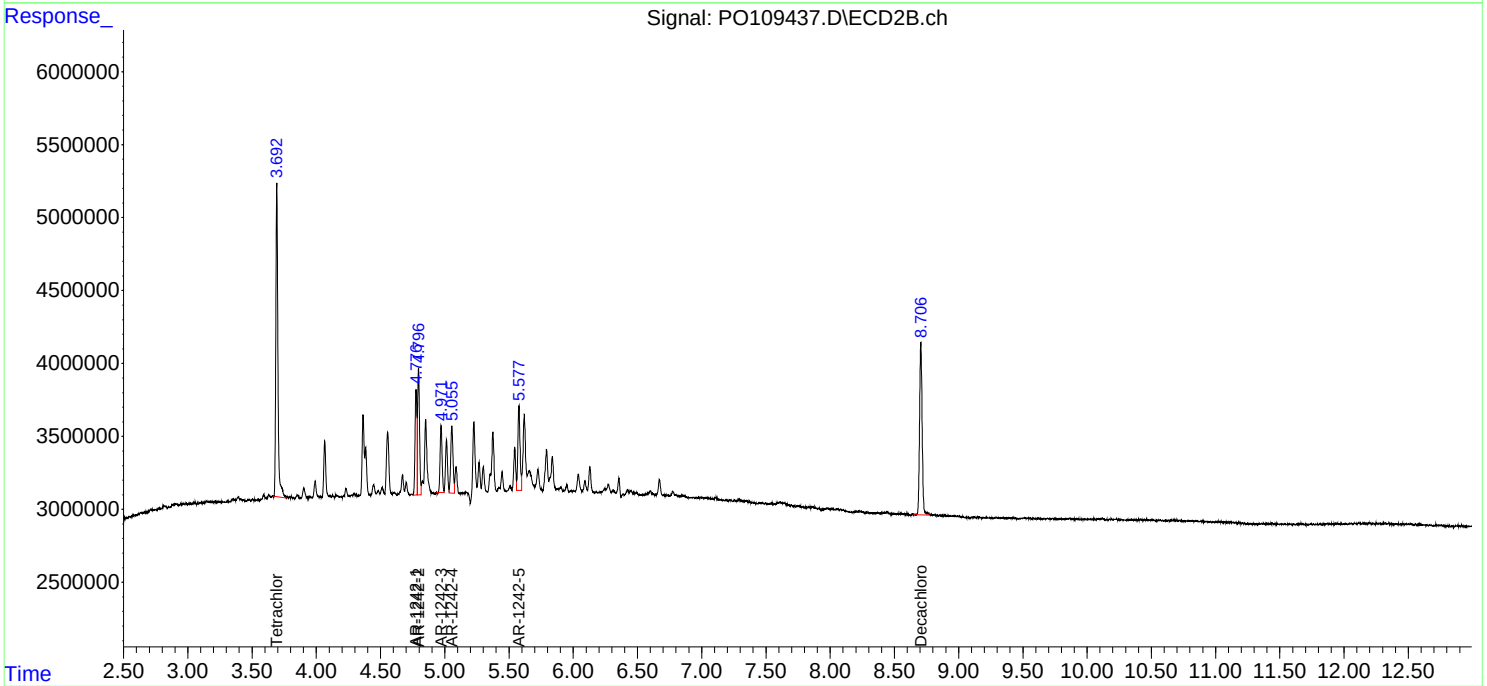
Manual Integrations APPROVED

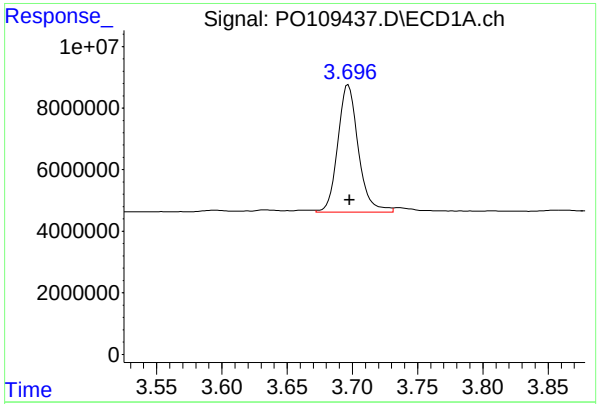
Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:28:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:26:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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







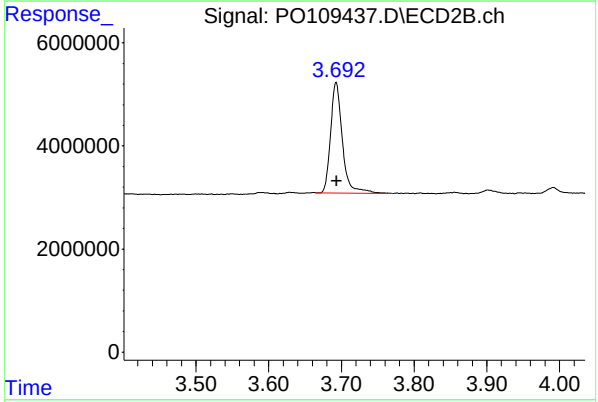
#1 Tetrachloro-m-xylene

R.T.: 3.697 min
Delta R.T.: -0.001 min
Response: 45284325
Conc: 4.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

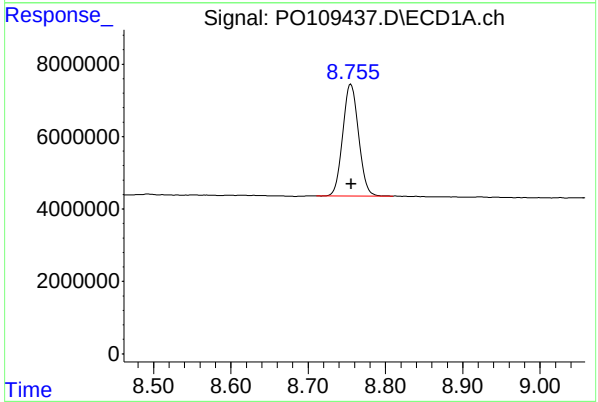
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



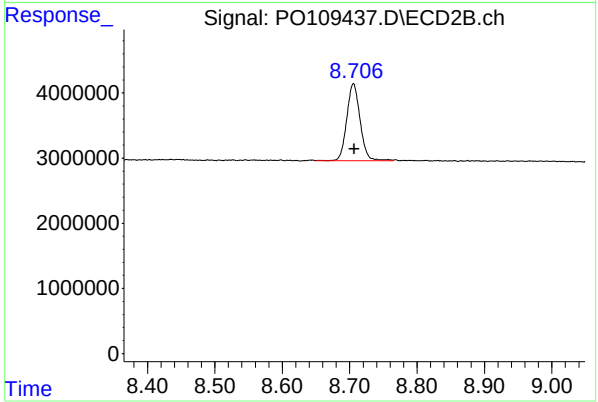
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 24258325
Conc: 4.62 ng/ml



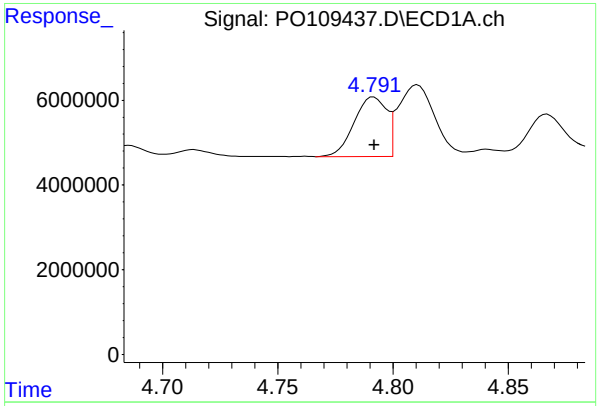
#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: 0.000 min
Response: 43522830
Conc: 5.31 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.706 min
Delta R.T.: -0.001 min
Response: 16219813
Conc: 5.37 ng/ml



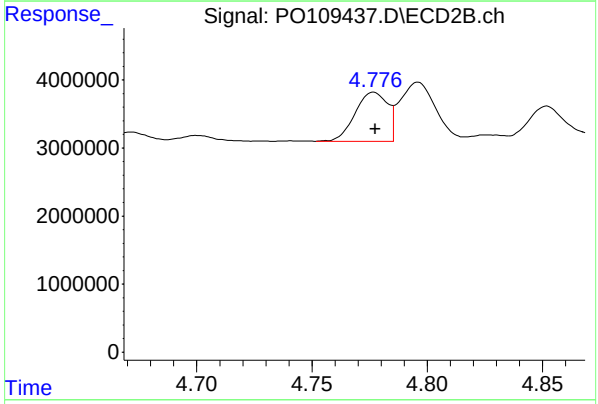
#16 AR-1242-1

R.T.: 4.792 min
Delta R.T.: 0.000 min
Response: 13835003
Conc: 52.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

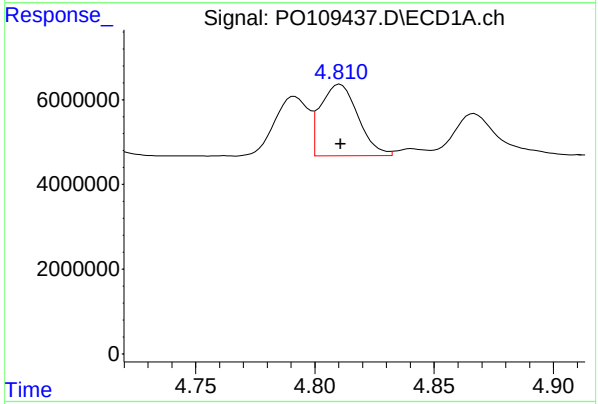
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



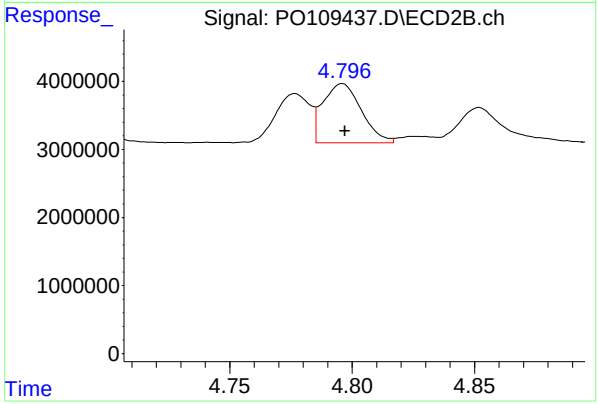
#16 AR-1242-1

R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 7073196
Conc: 53.13 ng/ml



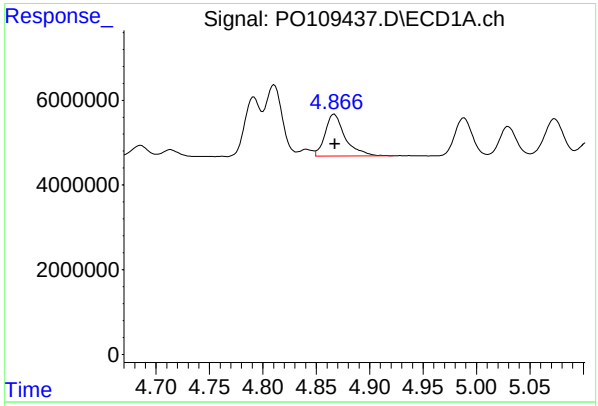
#17 AR-1242-2

R.T.: 4.811 min
Delta R.T.: 0.000 min
Response: 18548986
Conc: 51.52 ng/ml



#17 AR-1242-2

R.T.: 4.796 min
Delta R.T.: 0.000 min
Response: 9458809
Conc: 51.61 ng/ml



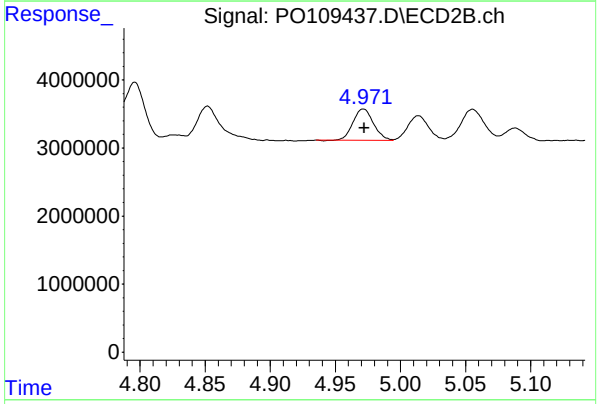
#18 AR-1242-3

R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 12898843
Conc: 50.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

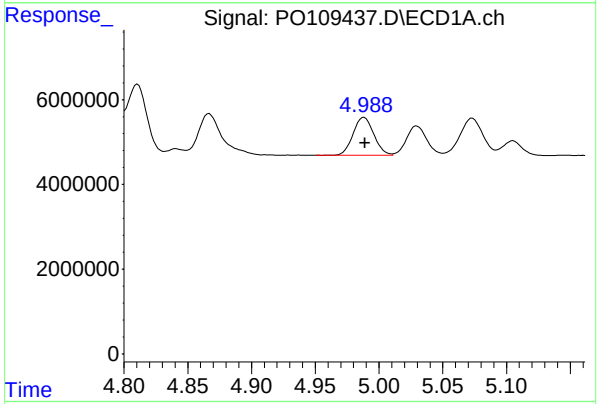
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



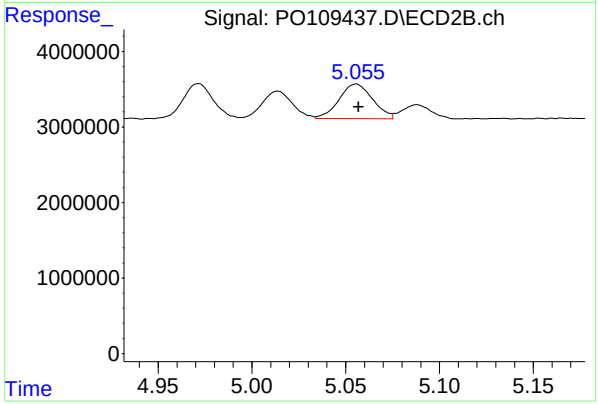
#18 AR-1242-3

R.T.: 4.971 min
Delta R.T.: 0.000 min
Response: 4970561
Conc: 48.61 ng/ml



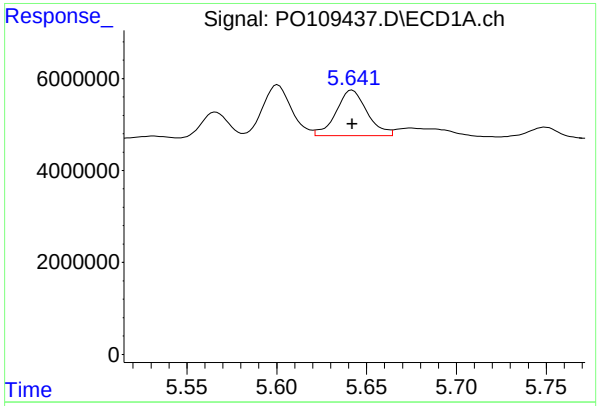
#19 AR-1242-4

R.T.: 4.988 min
Delta R.T.: 0.000 min
Response: 10088199
Conc: 50.39 ng/ml



#19 AR-1242-4

R.T.: 5.055 min
Delta R.T.: -0.002 min
Response: 5702832
Conc: 52.91 ng/ml



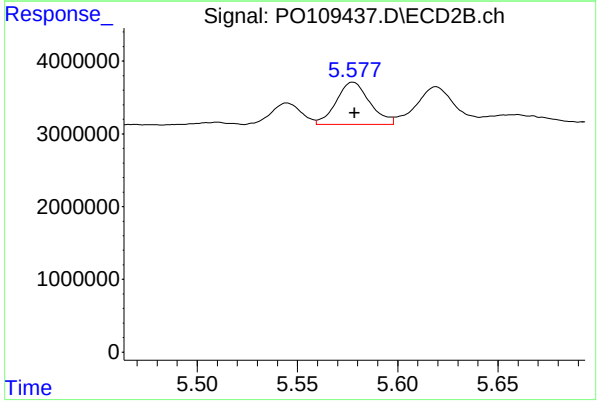
#20 AR-1242-5

R.T.: 5.641 min
Delta R.T.: 0.000 mi
Response: 11831514
Conc: 55.70 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



#20 AR-1242-5

R.T.: 5.577 min
Delta R.T.: -0.001 min
Response: 6828665
Conc: 54.52 ng/ml m

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109438.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:26
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: Feb 21 02:45:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:44:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.697	3.694	915.4E6	495.5E6	93.761	94.908
2)	SA Decachlor...	8.755	8.706	770.4E6	279.0E6	92.405	91.836
	Target Compounds						
21)	L5 AR-1248-1	4.791	4.777	183.4E6	91256927	912.814	905.620
22)	L5 AR-1248-2	5.030	5.014	249.5E6	130.6E6	885.902	891.678
23)	L5 AR-1248-3	5.246	5.057	313.6E6	139.3E6	905.924	894.551
24)	L5 AR-1248-4	5.600	5.228	440.0E6	163.9E6	918.126	908.733
25)	L5 AR-1248-5	5.642	5.620	310.5E6	154.4E6	919.575	910.254

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

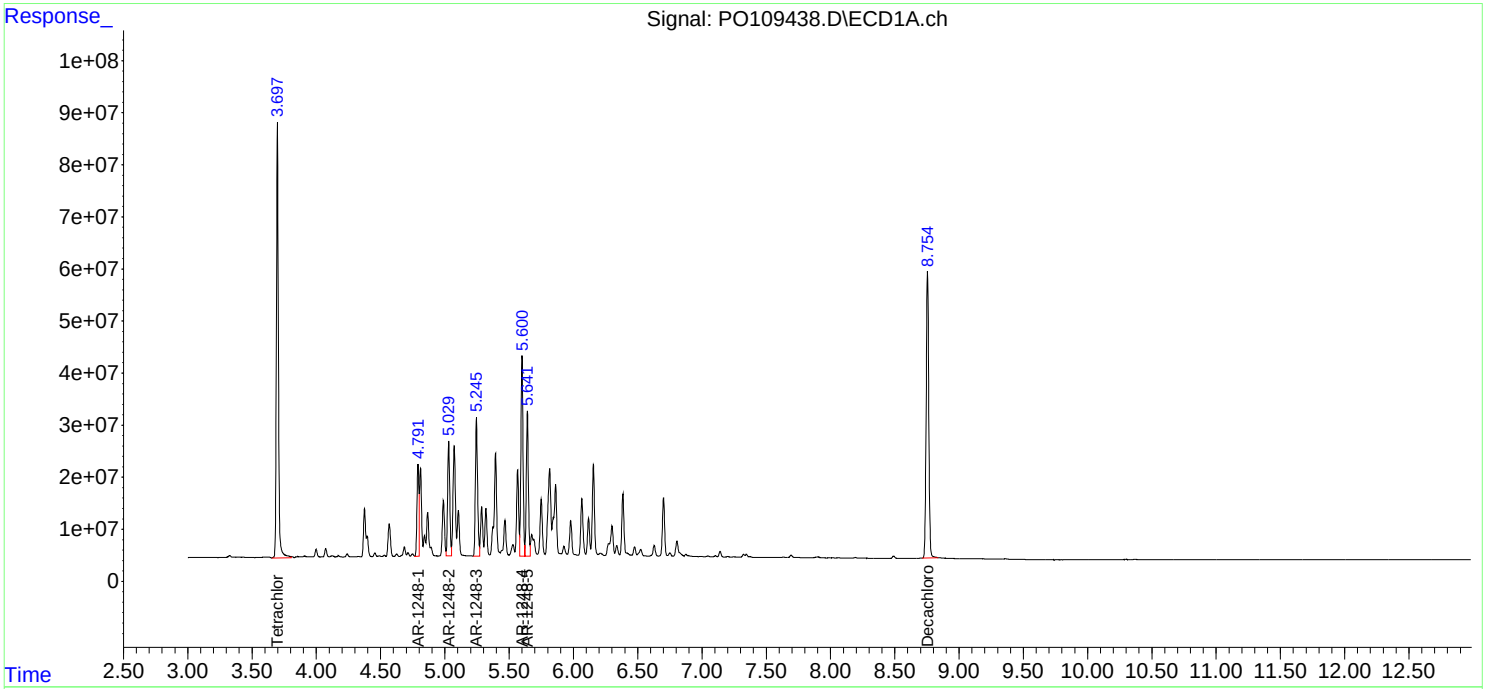
ICAL Form

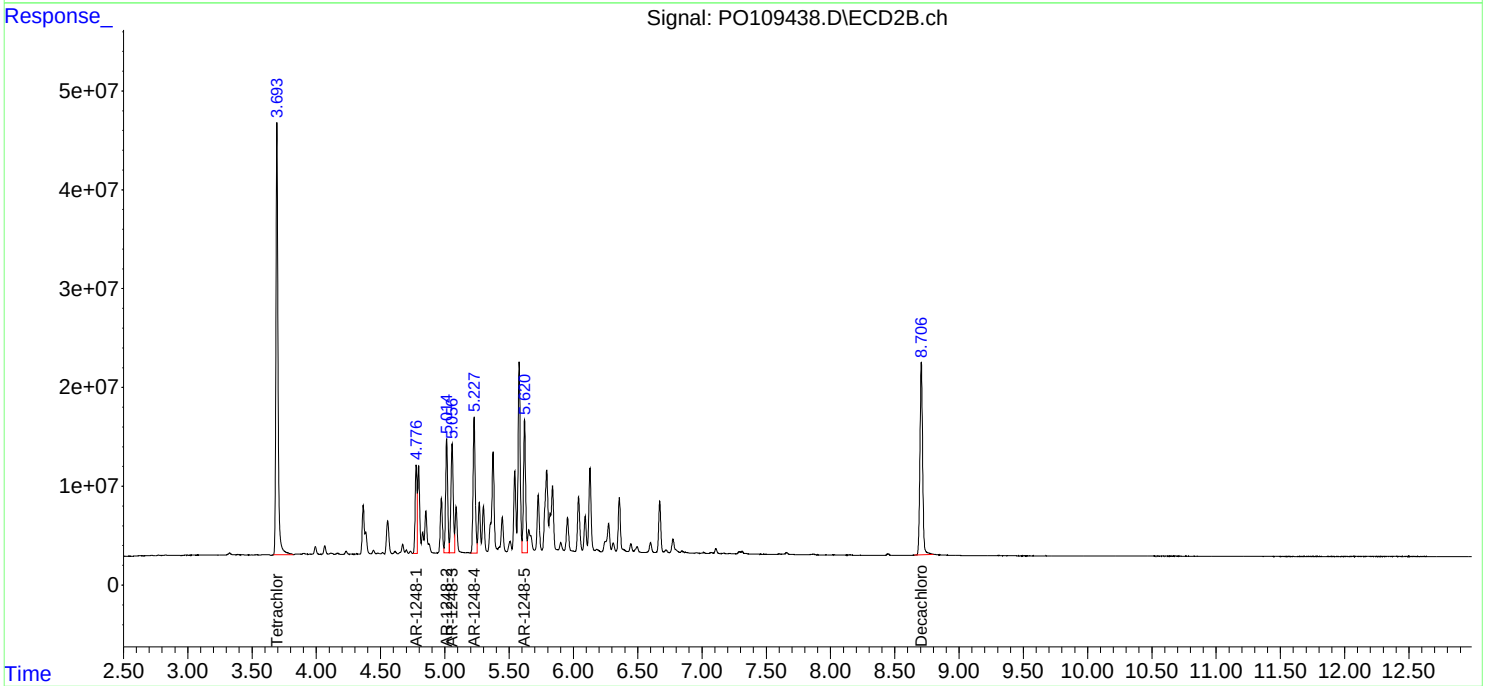
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109438.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:26
Operator : YP/AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

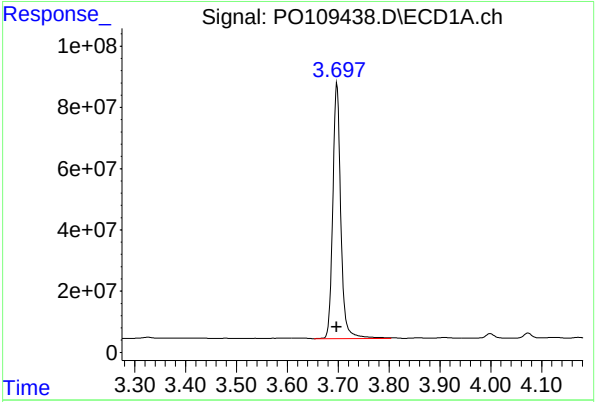
Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:45:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:44:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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



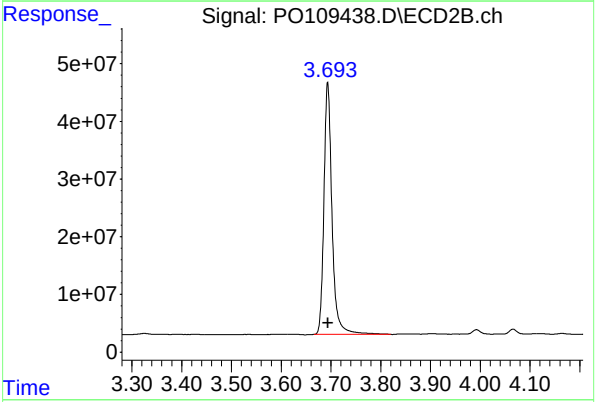




#1 Tetrachloro-m-xylene

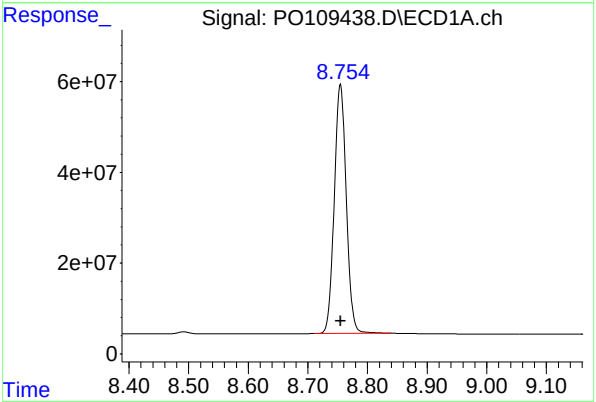
R.T.: 3.697 min
Delta R.T.: 0.000 min
Response: 915437477
Conc: 93.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



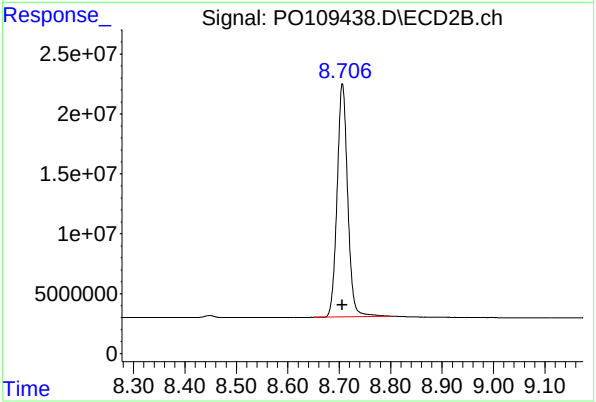
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 495529316
Conc: 94.91 ng/ml



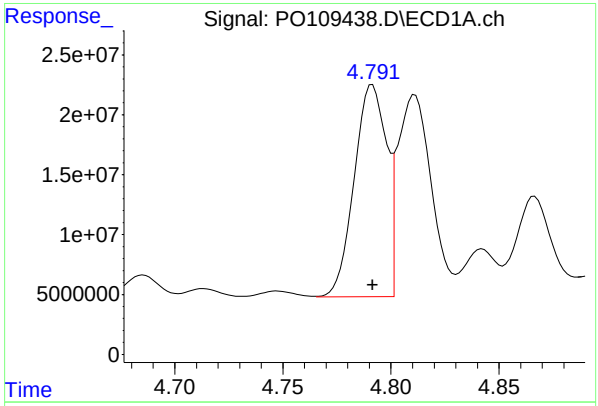
#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: 0.000 min
Response: 770395990
Conc: 92.41 ng/ml



#2 Decachlorobiphenyl

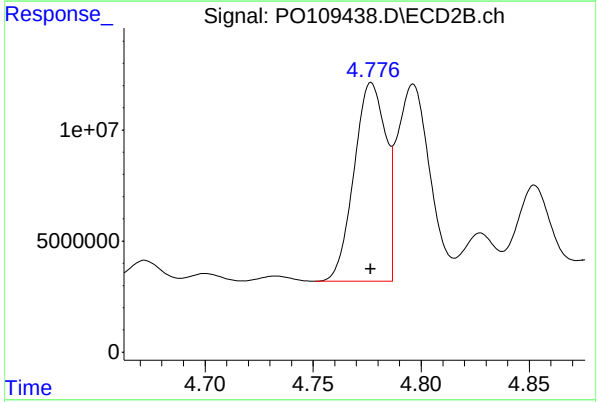
R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 279048870
Conc: 91.84 ng/ml



#21 AR-1248-1

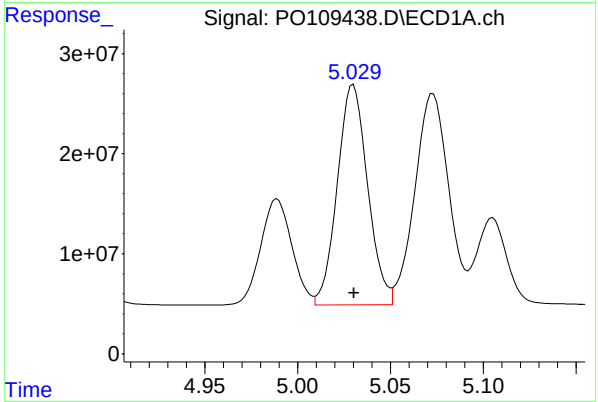
R.T.: 4.791 min
Delta R.T.: 0.000 min
Response: 183385441
Conc: 912.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



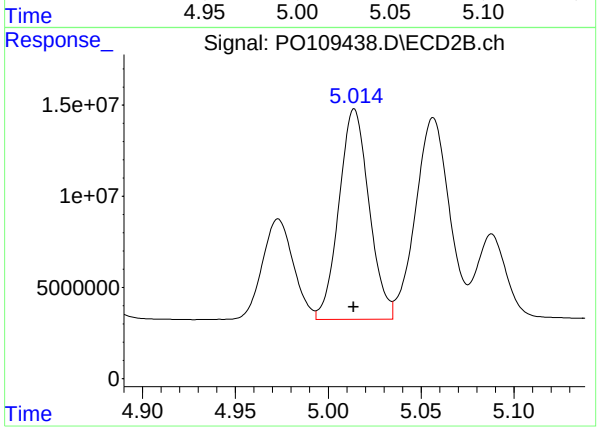
#21 AR-1248-1

R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 91256927
Conc: 905.62 ng/ml



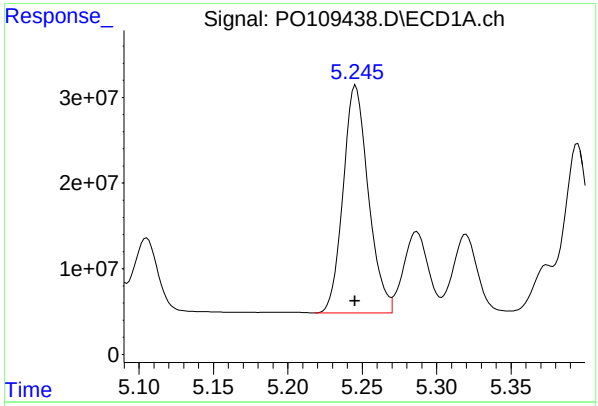
#22 AR-1248-2

R.T.: 5.030 min
Delta R.T.: 0.000 min
Response: 249519113
Conc: 885.90 ng/ml



#22 AR-1248-2

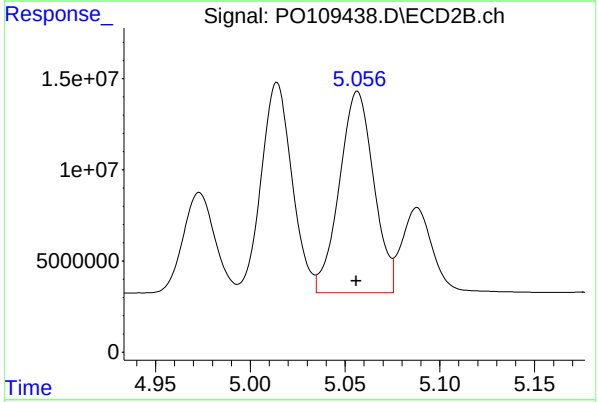
R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 130560541
Conc: 891.68 ng/ml



#23 AR-1248-3

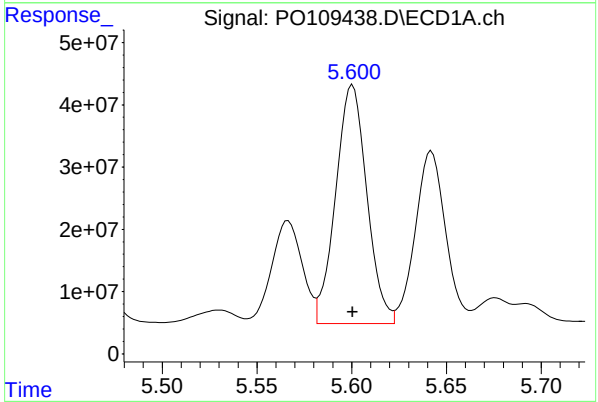
R.T.: 5.246 min
Delta R.T.: 0.000 min
Response: 313646829
Conc: 905.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



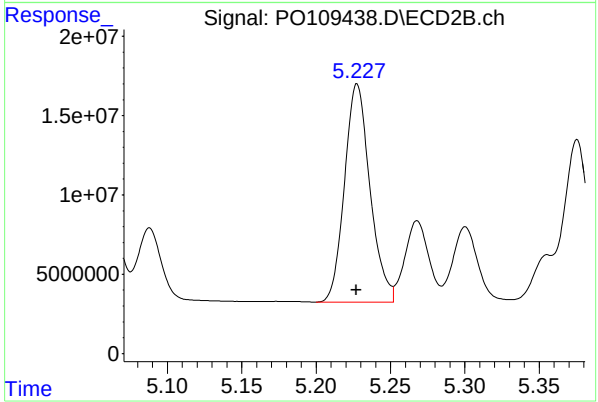
#23 AR-1248-3

R.T.: 5.057 min
Delta R.T.: 0.000 min
Response: 139283148
Conc: 894.55 ng/ml



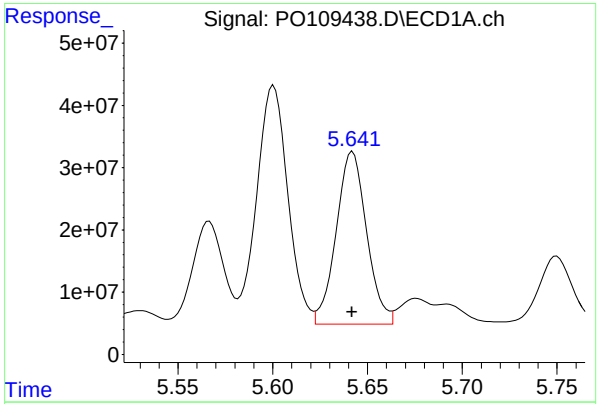
#24 AR-1248-4

R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 439951399
Conc: 918.13 ng/ml



#24 AR-1248-4

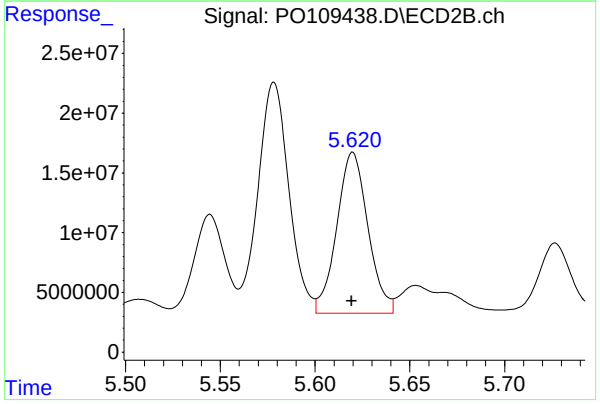
R.T.: 5.228 min
Delta R.T.: 0.000 min
Response: 163903044
Conc: 908.73 ng/ml



#25 AR-1248-5

R.T.: 5.642 min
Delta R.T.: 0.000 min
Response: 310476659
Conc: 919.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



#25 AR-1248-5

R.T.: 5.620 min
Delta R.T.: 0.000 min
Response: 154356880
Conc: 910.25 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109439.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:45
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: Feb 21 02:48:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:44:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.697	3.693	699.0E6	378.0E6	71.591	72.405
2)	SA Decachlor...	8.755	8.706	593.5E6	215.5E6	71.185	70.928
	Target Compounds						
21)	L5 AR-1248-1	4.791	4.777	141.9E6	70604671	706.516	700.670
22)	L5 AR-1248-2	5.030	5.014	196.7E6	102.5E6	698.273	699.925
23)	L5 AR-1248-3	5.245	5.056	243.5E6	108.7E6	703.429	697.958
24)	L5 AR-1248-4	5.600	5.227	339.5E6	127.1E6	708.585	704.454
25)	L5 AR-1248-5	5.642	5.619	238.9E6	118.8E6	707.520	700.785

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

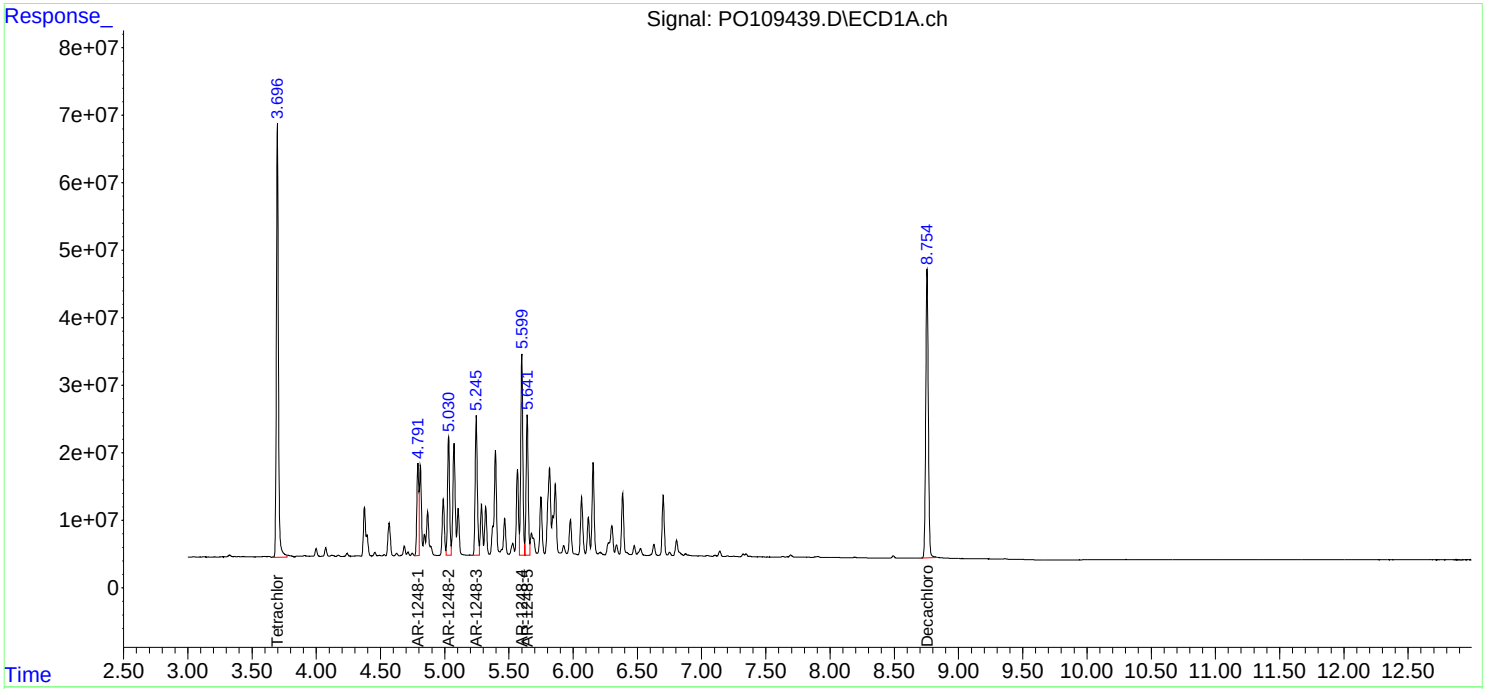
ICAL Form

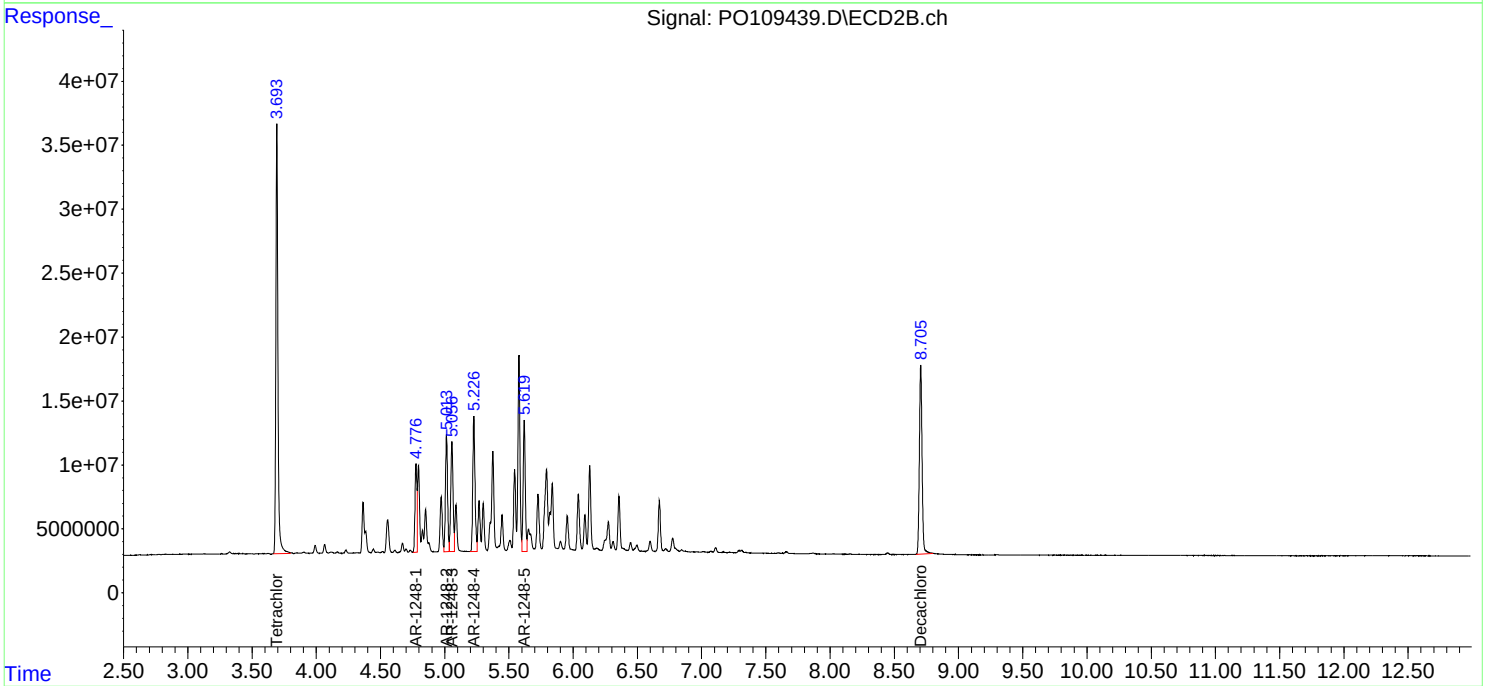
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109439.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:45
Operator : YP/AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

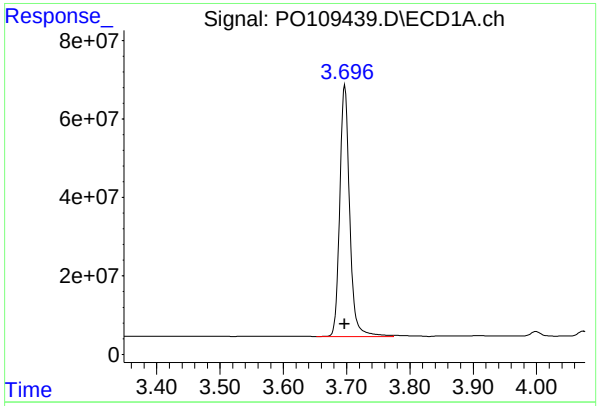
Instrument :
ECD_O
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:48:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:44:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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



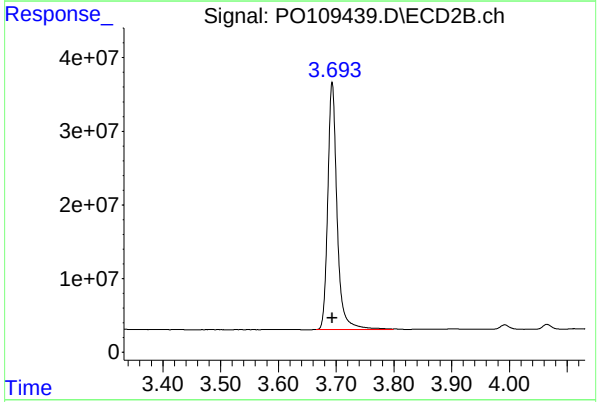




#1 Tetrachloro-m-xylene

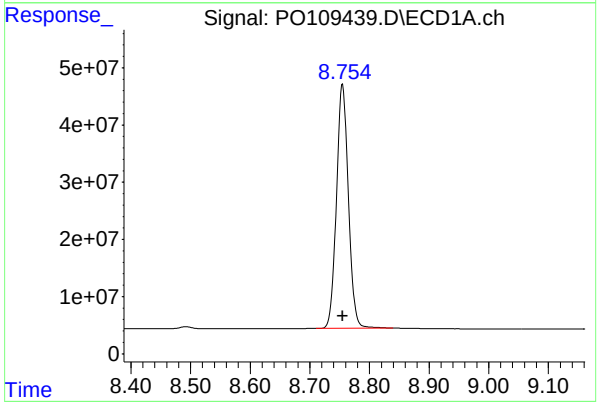
R.T.: 3.697 min
Delta R.T.: 0.000 min
Response: 698977994
Conc: 71.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



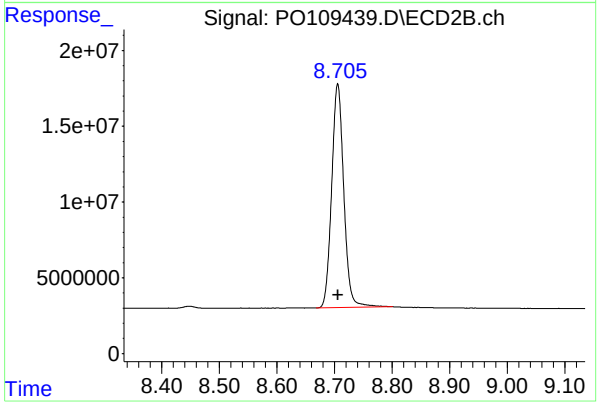
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 378035131
Conc: 72.40 ng/ml



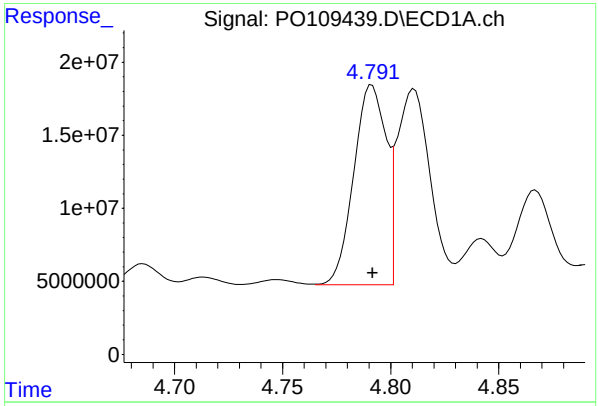
#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: 0.000 min
Response: 593478282
Conc: 71.18 ng/ml



#2 Decachlorobiphenyl

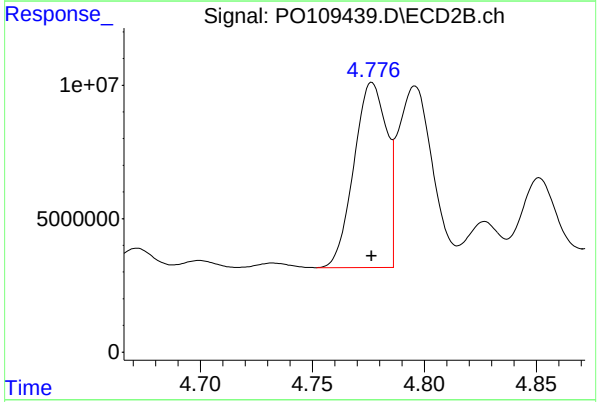
R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 215521010
Conc: 70.93 ng/ml



#21 AR-1248-1

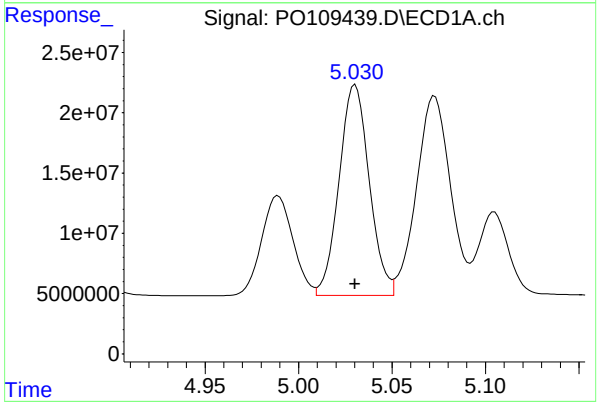
R.T.: 4.791 min
Delta R.T.: 0.000 min
Response: 141940078
Conc: 706.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



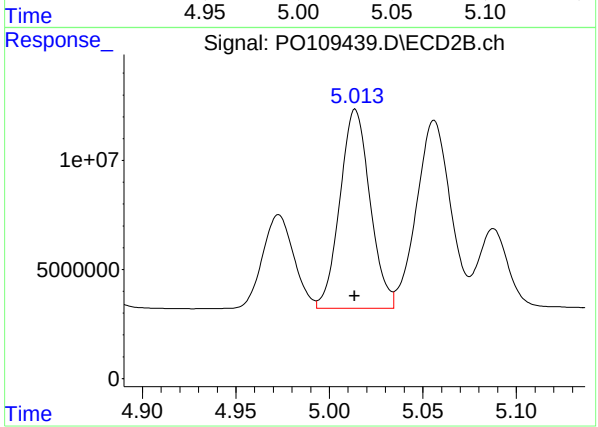
#21 AR-1248-1

R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 70604671
Conc: 700.67 ng/ml



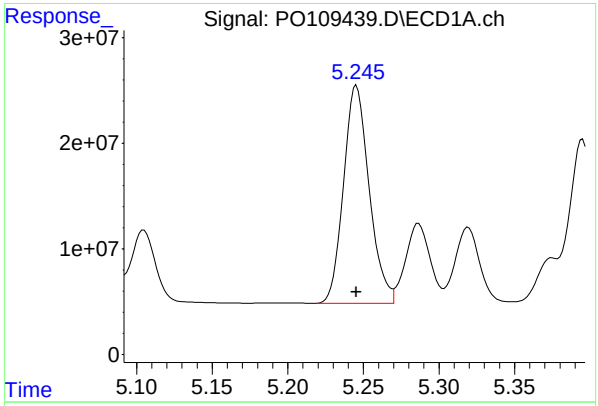
#22 AR-1248-2

R.T.: 5.030 min
Delta R.T.: 0.000 min
Response: 196672477
Conc: 698.27 ng/ml



#22 AR-1248-2

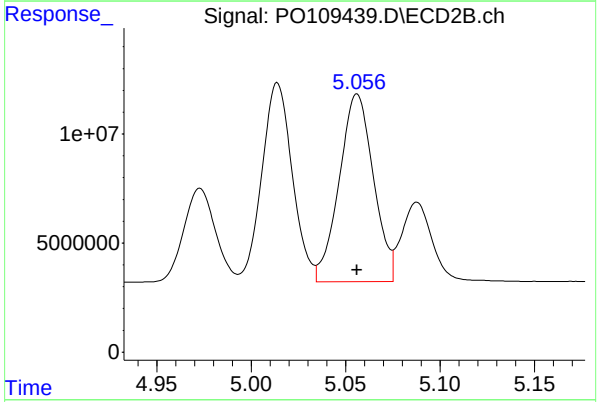
R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 102483853
Conc: 699.93 ng/ml



#23 AR-1248-3

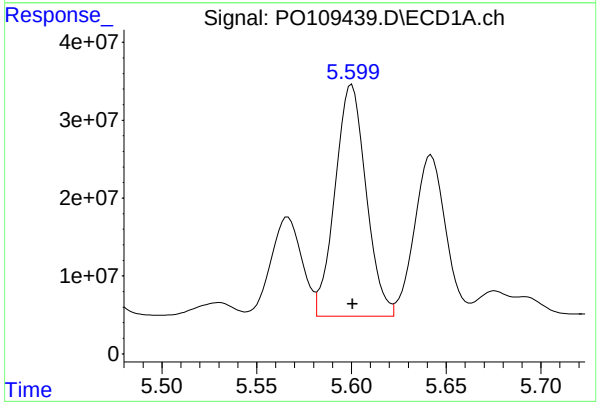
R.T.: 5.245 min
Delta R.T.: 0.000 min
Response: 243539484
Conc: 703.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



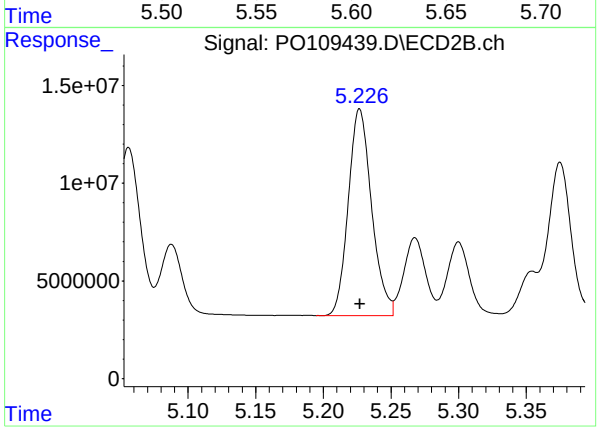
#23 AR-1248-3

R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 108673232
Conc: 697.96 ng/ml



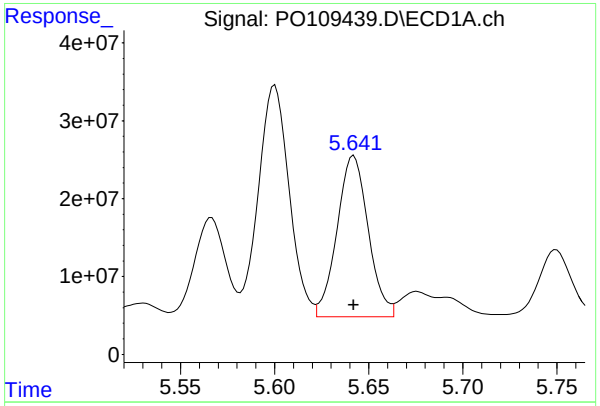
#24 AR-1248-4

R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 339543028
Conc: 708.59 ng/ml



#24 AR-1248-4

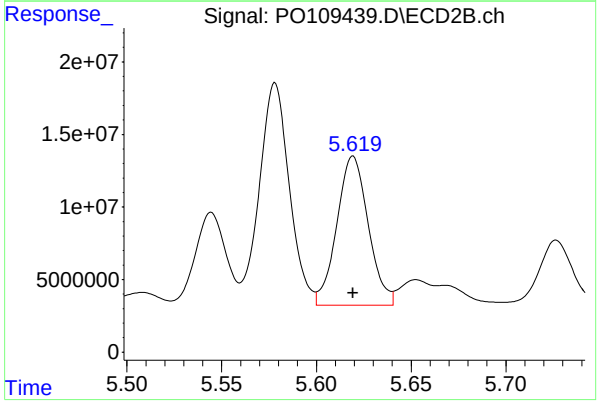
R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 127058400
Conc: 704.45 ng/ml



#25 AR-1248-5

R.T.: 5.642 min
Delta R.T.: 0.000 min
Response: 238880349
Conc: 707.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



#25 AR-1248-5

R.T.: 5.619 min
Delta R.T.: 0.000 min
Response: 118835997
Conc: 700.78 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109440.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 21:03
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: Feb 21 02:48:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:44:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.697	3.694	488.2E6	261.1E6	50.000	50.000
2)	SA Decachlor...	8.755	8.706	416.9E6	151.9E6	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	4.792	4.777	100.5E6	50383698	500.000	500.000
22)	L5 AR-1248-2	5.030	5.014	140.8E6	73210547	500.000	500.000
23)	L5 AR-1248-3	5.245	5.056	173.1E6	77850845	500.000	500.000
24)	L5 AR-1248-4	5.601	5.227	239.6E6	90182217	500.000	500.000
25)	L5 AR-1248-5	5.642	5.619	168.8E6	84787780	500.000	500.000

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

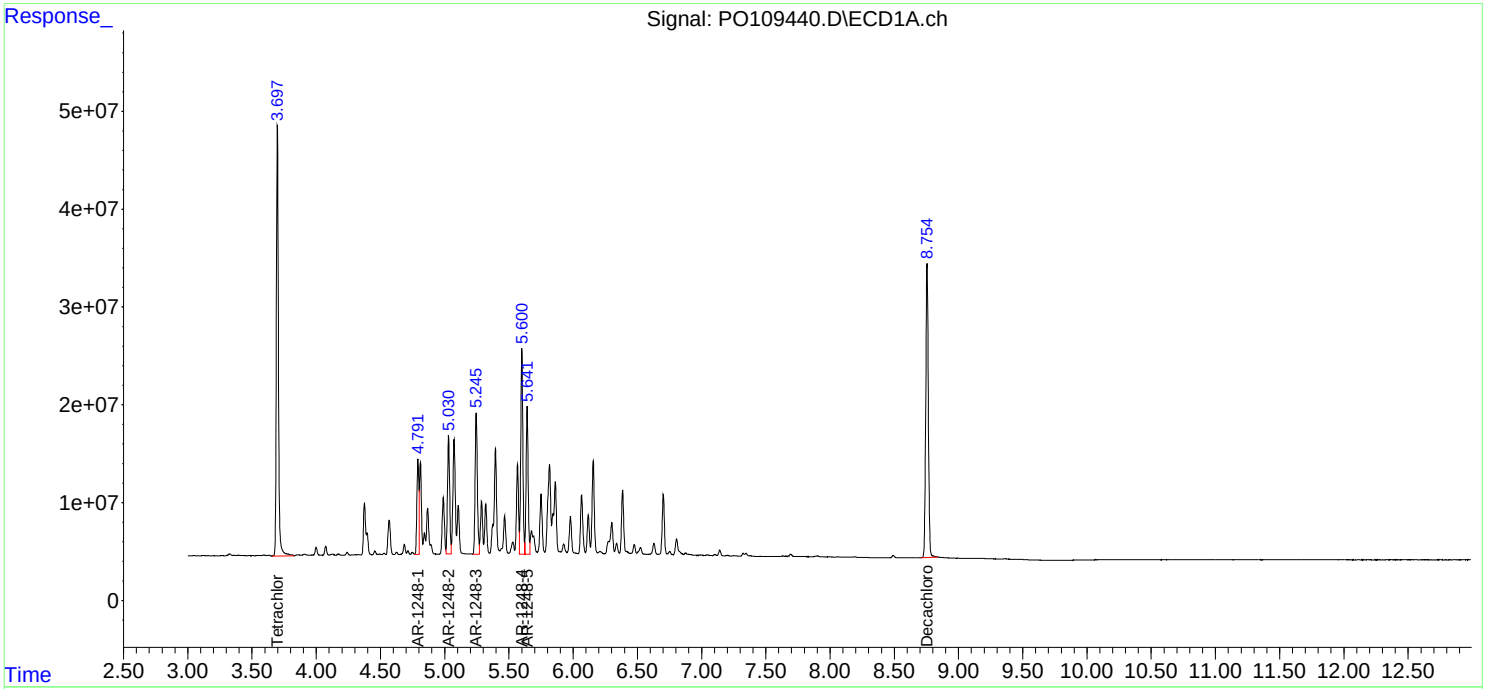
ICAL Form

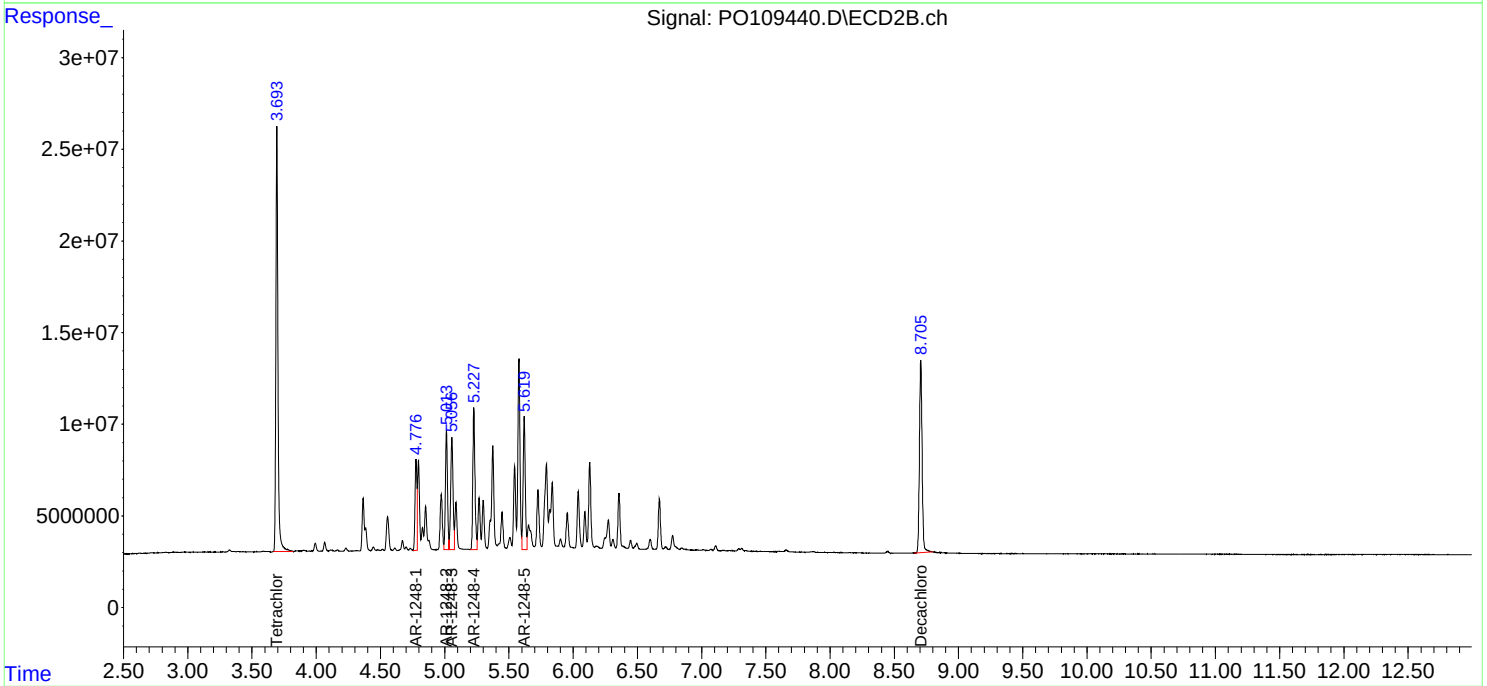
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109440.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 21:03
Operator : YP/AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

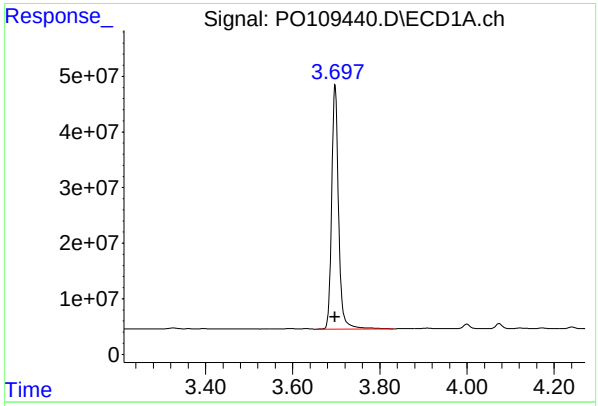
Instrument :
ECD_O
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:48:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:44:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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



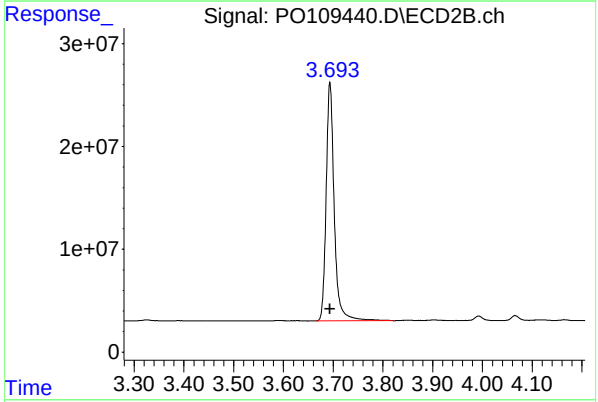




#1 Tetrachloro-m-xylene

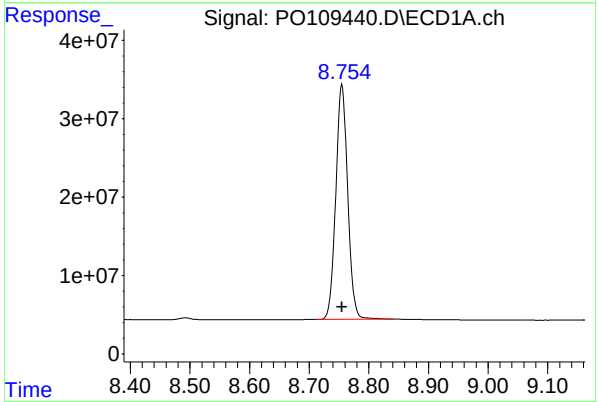
R.T.: 3.697 min
Delta R.T.: 0.000 min
Response: 488176853
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



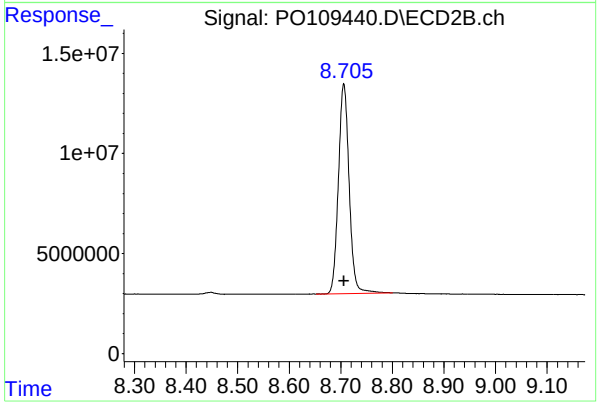
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 261056566
Conc: 50.00 ng/ml



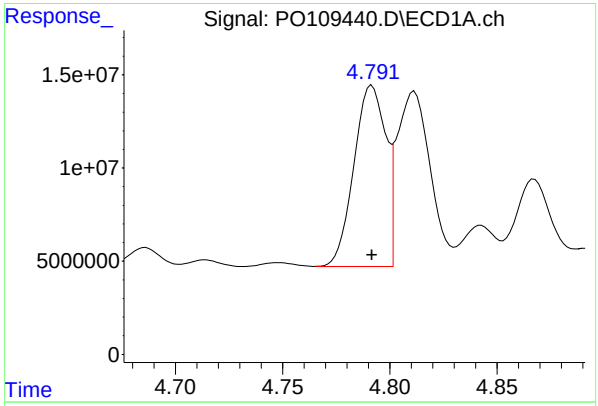
#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: 0.000 min
Response: 416856625
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

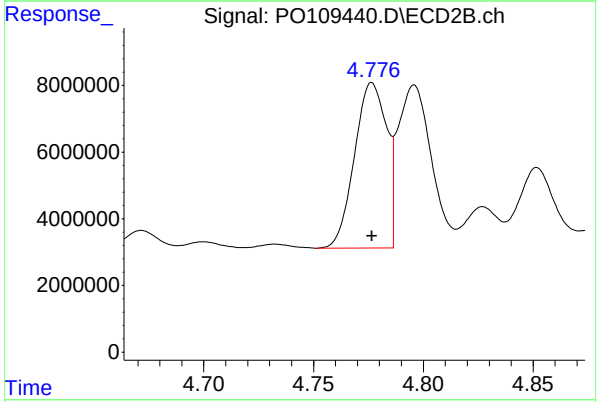
R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 151928471
Conc: 50.00 ng/ml



#21 AR-1248-1

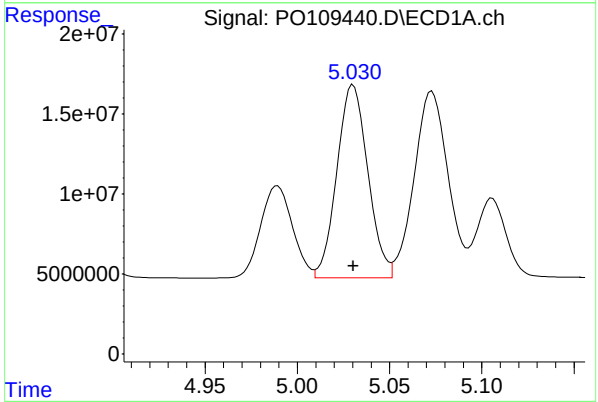
R.T.: 4.792 min
Delta R.T.: 0.000 min
Response: 100450660
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



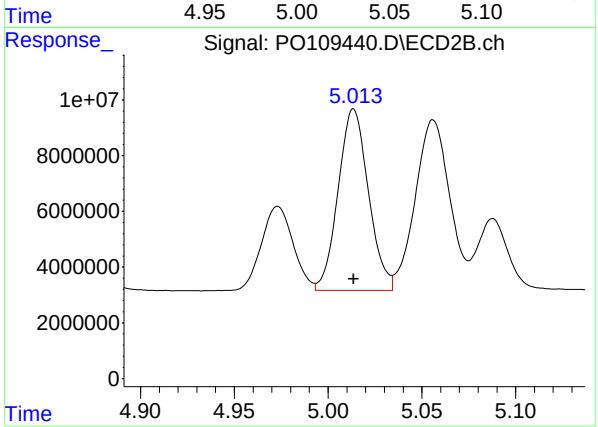
#21 AR-1248-1

R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 50383698
Conc: 500.00 ng/ml



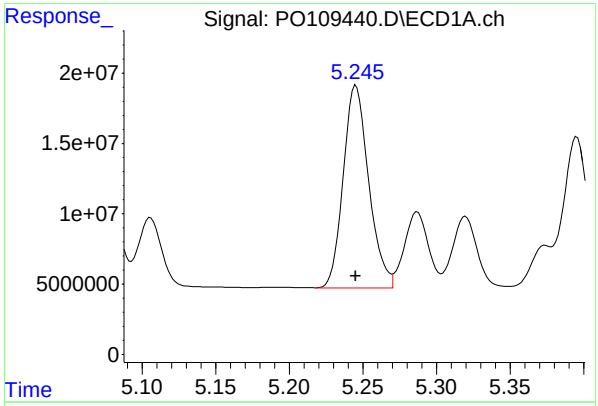
#22 AR-1248-2

R.T.: 5.030 min
Delta R.T.: 0.000 min
Response: 140827755
Conc: 500.00 ng/ml



#22 AR-1248-2

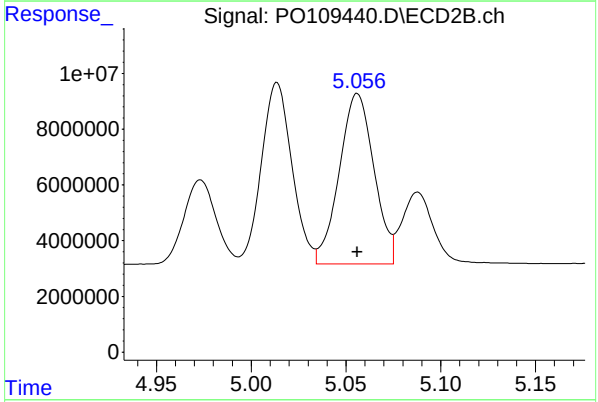
R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 73210547
Conc: 500.00 ng/ml



#23 AR-1248-3

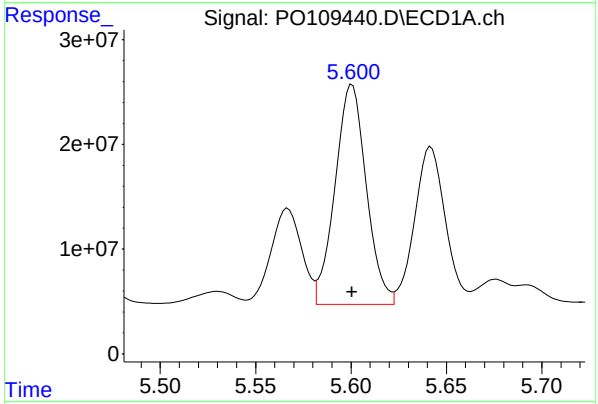
R.T.: 5.245 min
Delta R.T.: 0.000 min
Response: 173108858
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



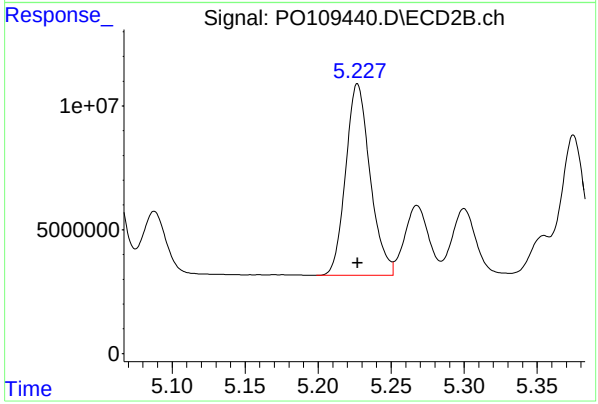
#23 AR-1248-3

R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 77850845
Conc: 500.00 ng/ml



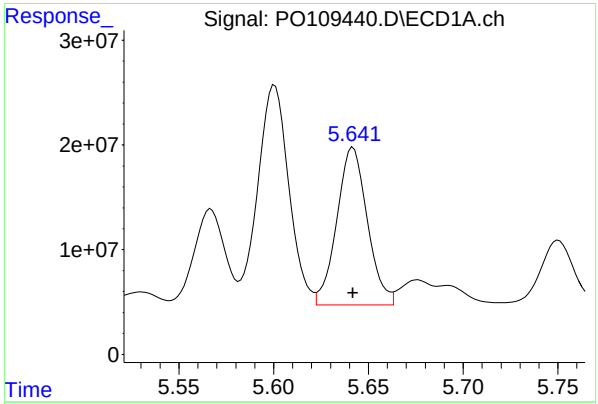
#24 AR-1248-4

R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 239592155
Conc: 500.00 ng/ml



#24 AR-1248-4

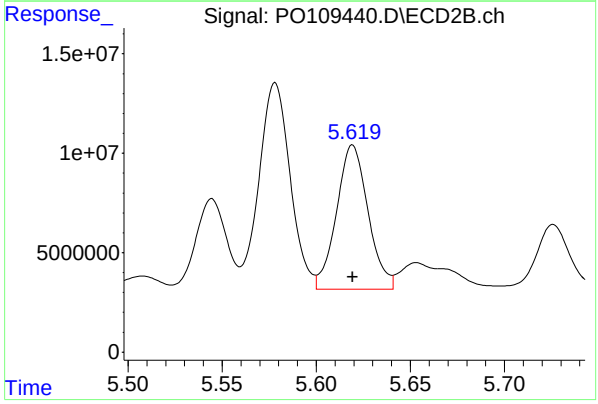
R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 90182217
Conc: 500.00 ng/ml



#25 AR-1248-5

R.T.: 5.642 min
Delta R.T.: 0.000 mi
Response: 168815228
Conc: 500.00 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



#25 AR-1248-5

R.T.: 5.619 min
Delta R.T.: 0.000 min
Response: 84787780
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109441.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 21:21
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: Feb 21 02:48:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:44:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.697	3.693	247.1E6	131.6E6	25.309	25.209
2)	SA Decachlor...	8.755	8.705	220.4E6	81028918	26.436	26.667
	Target Compounds						
21)	L5 AR-1248-1	4.791	4.777	53414649	26903650	265.875	266.988
22)	L5 AR-1248-2	5.030	5.014	74897714	39285877	265.920	268.307
23)	L5 AR-1248-3	5.245	5.056	92525840	41607588	267.248	267.226
24)	L5 AR-1248-4	5.600	5.227	127.4E6	48427931	265.835	268.500
25)	L5 AR-1248-5	5.642	5.620	91434201	45832980	270.811	270.281

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

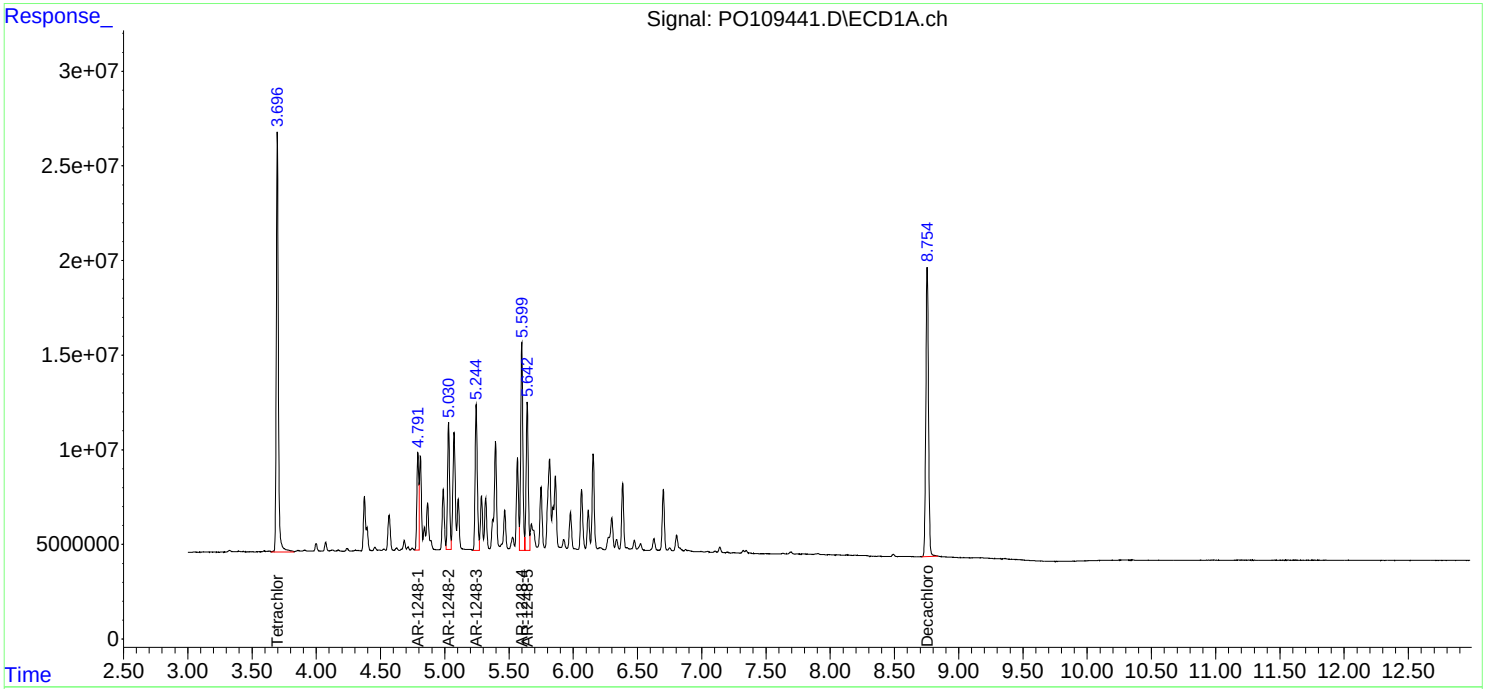
ICAL Form

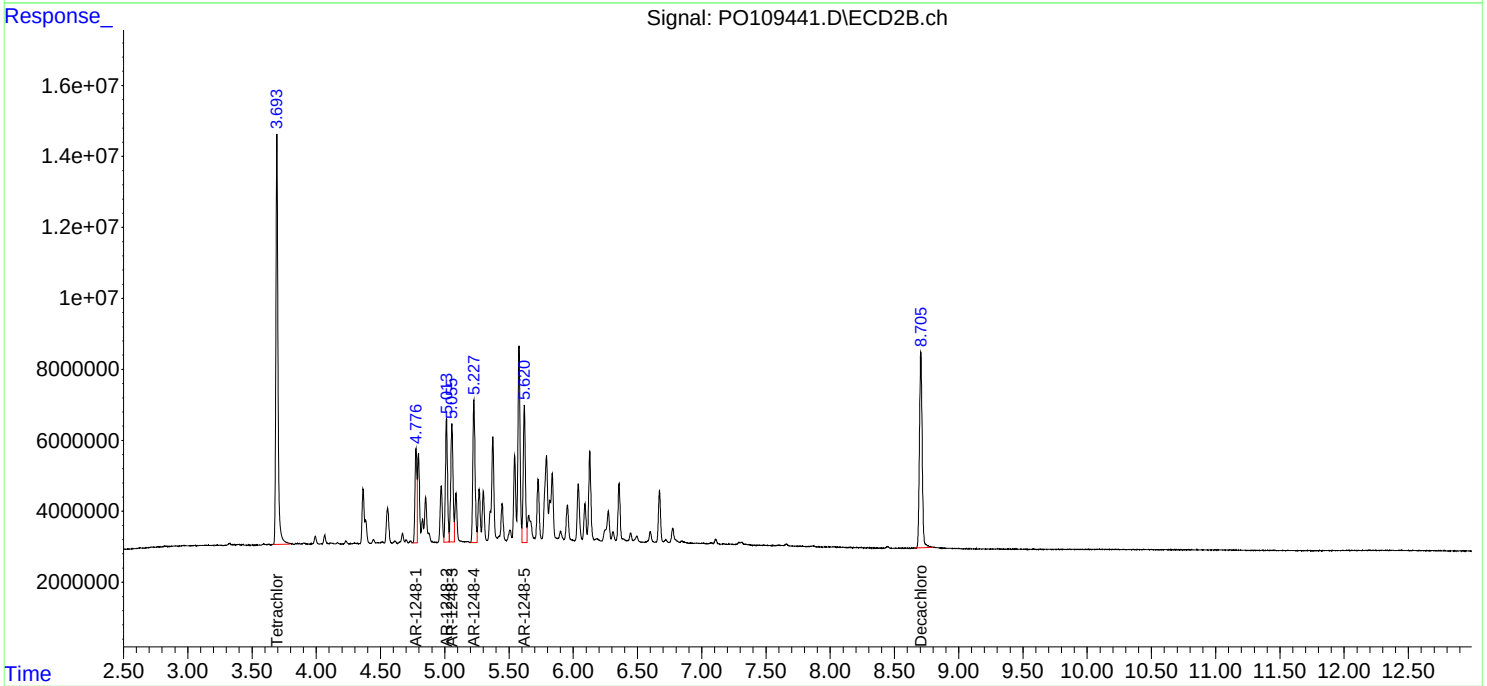
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109441.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 21:21
Operator : YP/AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

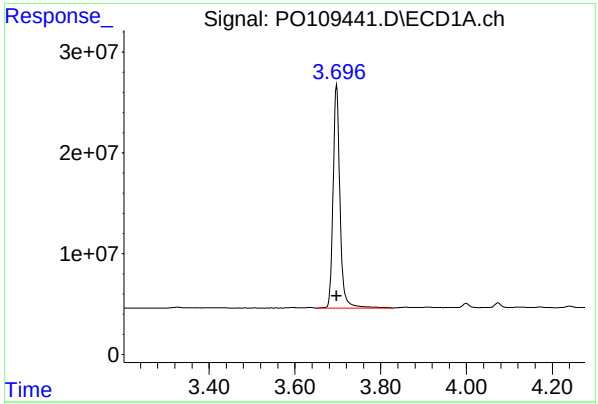
Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:48:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:44:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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



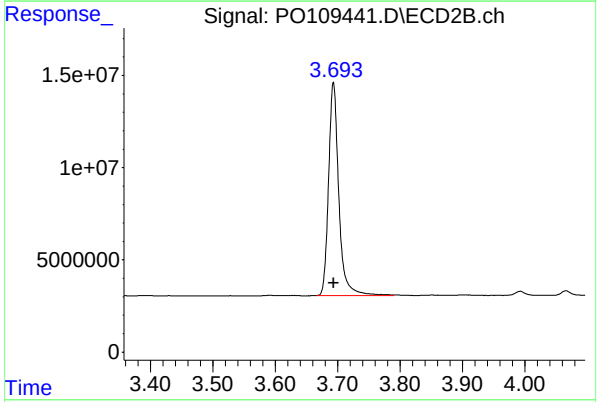




#1 Tetrachloro-m-xylene

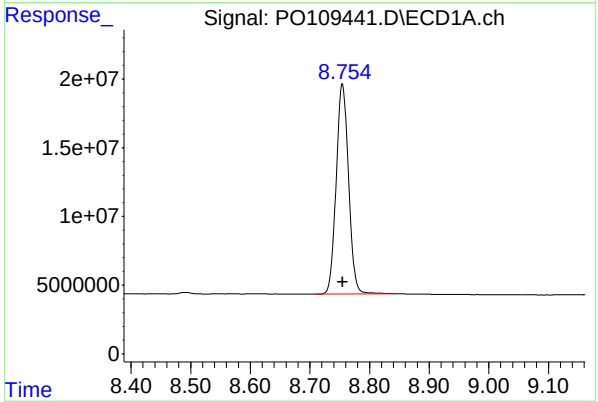
R.T.: 3.697 min
Delta R.T.: 0.000 min
Response: 247107512
Conc: 25.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



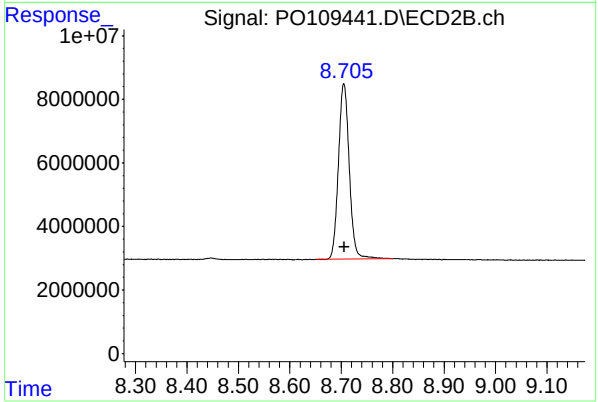
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 131617410
Conc: 25.21 ng/ml



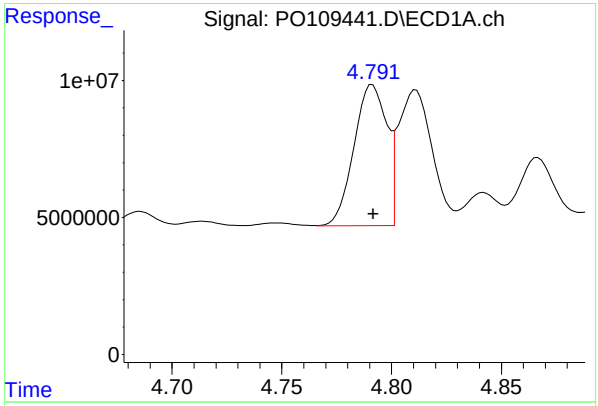
#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: 0.000 min
Response: 220400967
Conc: 26.44 ng/ml



#2 Decachlorobiphenyl

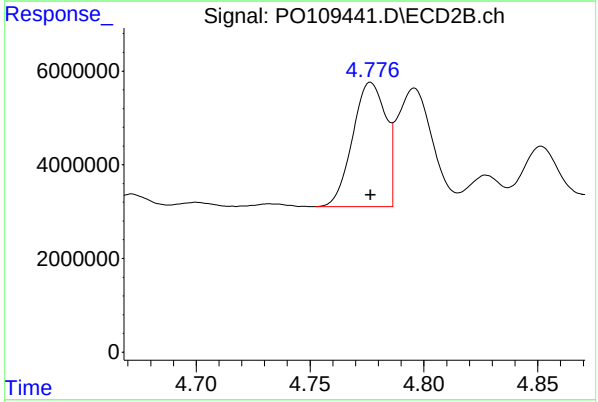
R.T.: 8.705 min
Delta R.T.: 0.000 min
Response: 81028918
Conc: 26.67 ng/ml



#21 AR-1248-1

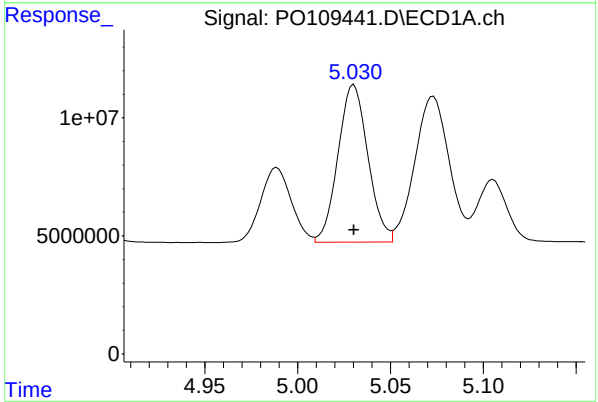
R.T.: 4.791 min
Delta R.T.: 0.000 min
Response: 53414649
Conc: 265.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



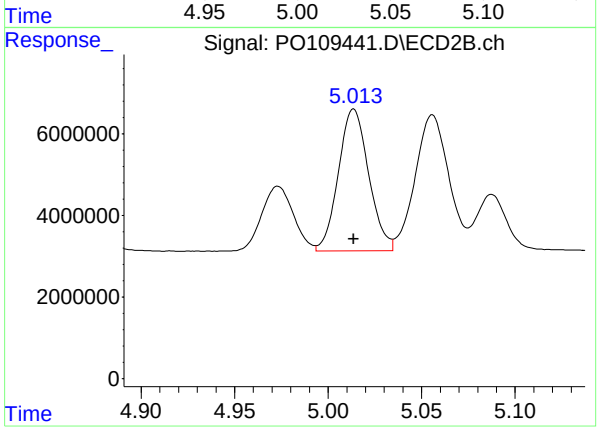
#21 AR-1248-1

R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 26903650
Conc: 266.99 ng/ml



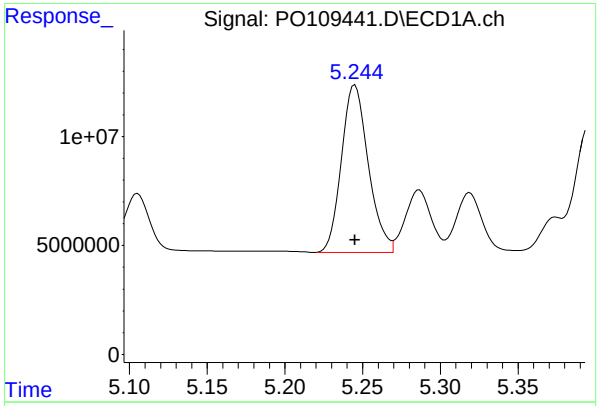
#22 AR-1248-2

R.T.: 5.030 min
Delta R.T.: 0.000 min
Response: 74897714
Conc: 265.92 ng/ml



#22 AR-1248-2

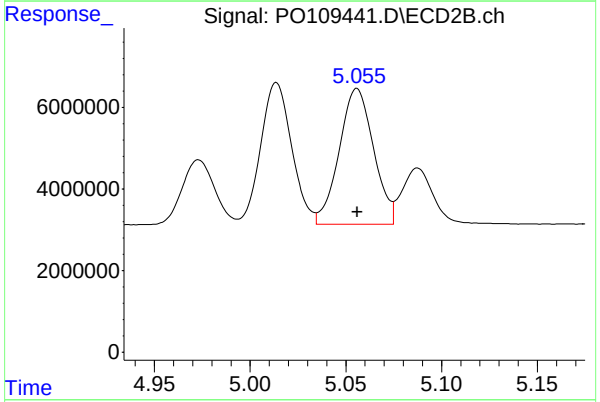
R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 39285877
Conc: 268.31 ng/ml



#23 AR-1248-3

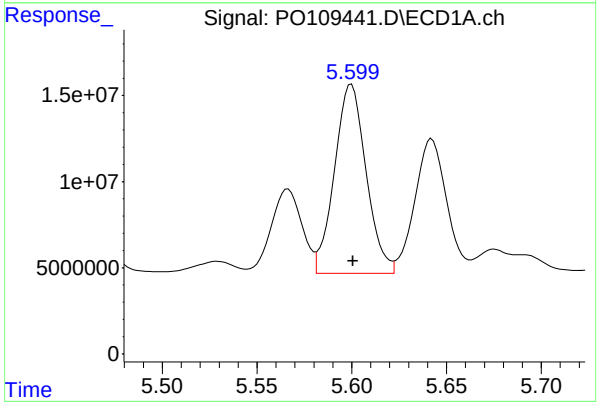
R.T.: 5.245 min
Delta R.T.: 0.000 min
Response: 92525840
Conc: 267.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



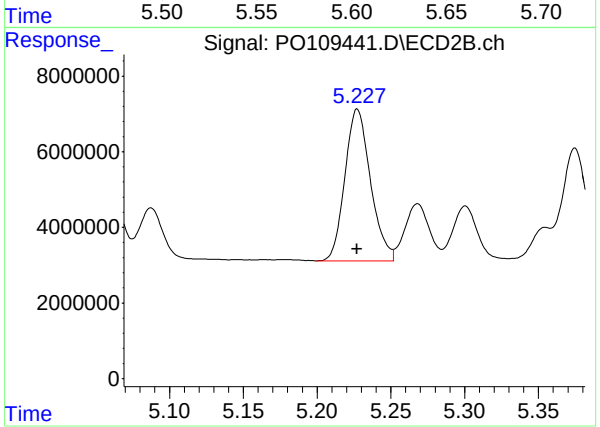
#23 AR-1248-3

R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 41607588
Conc: 267.23 ng/ml



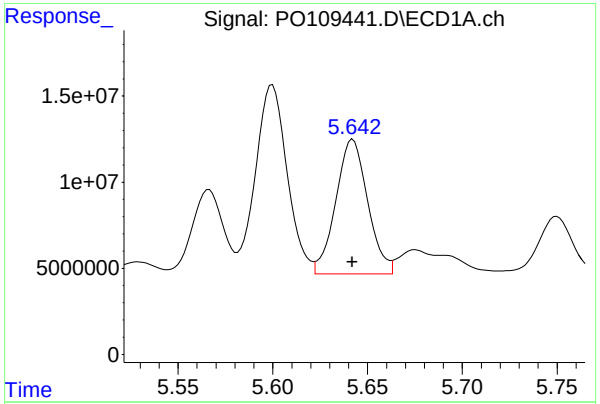
#24 AR-1248-4

R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 127383873
Conc: 265.83 ng/ml



#24 AR-1248-4

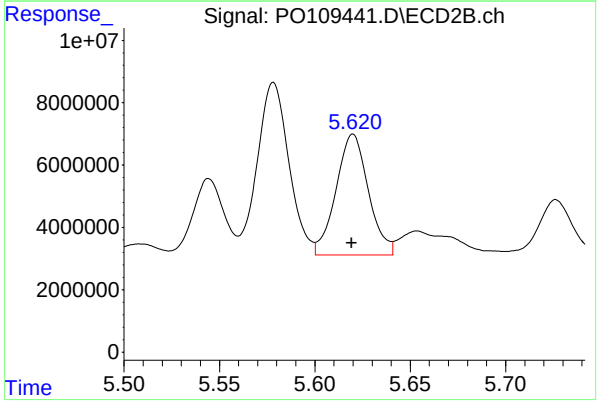
R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 48427931
Conc: 268.50 ng/ml



#25 AR-1248-5

R.T.: 5.642 min
Delta R.T.: 0.000 min
Response: 91434201
Conc: 270.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



#25 AR-1248-5

R.T.: 5.620 min
Delta R.T.: 0.000 min
Response: 45832980
Conc: 270.28 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109442.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 21:40
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:49:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:44:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.697	3.693	46251223	23752948	4.737	4.549
2)	SA Decachlor...	8.754	8.706	44397899	16474487	5.325	5.422
	Target Compounds						
21)	L5 AR-1248-1	4.791	4.776	10517320	5442853	52.351	54.014
22)	L5 AR-1248-2	5.030	5.013	14922906	7831415	52.983	53.486
23)	L5 AR-1248-3	5.245	5.055	19608812	8436393	56.637	54.183
24)	L5 AR-1248-4	5.599	5.227	25203917	9829738	52.598m	54.499m
25)	L5 AR-1248-5	5.641	5.618	19009831	9765442	56.304m	57.588m

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109442.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 21:40
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

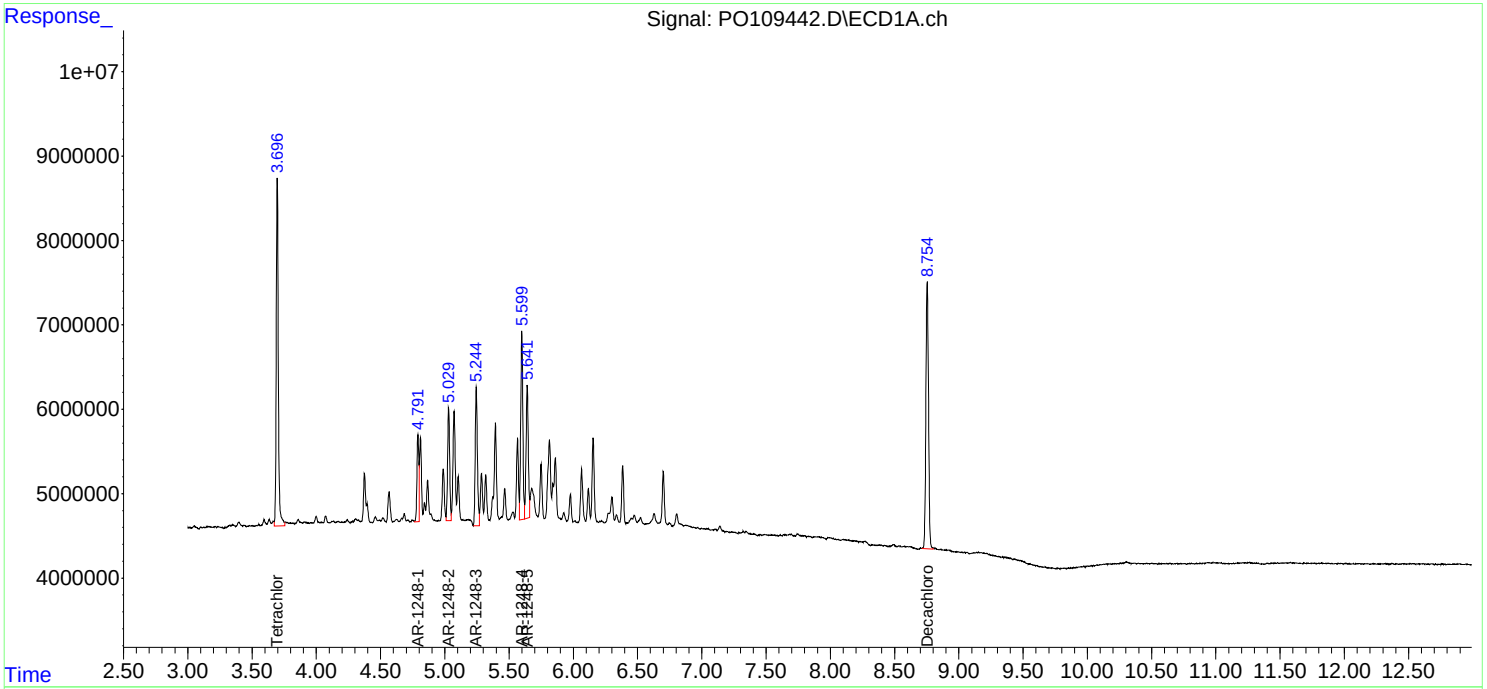
Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

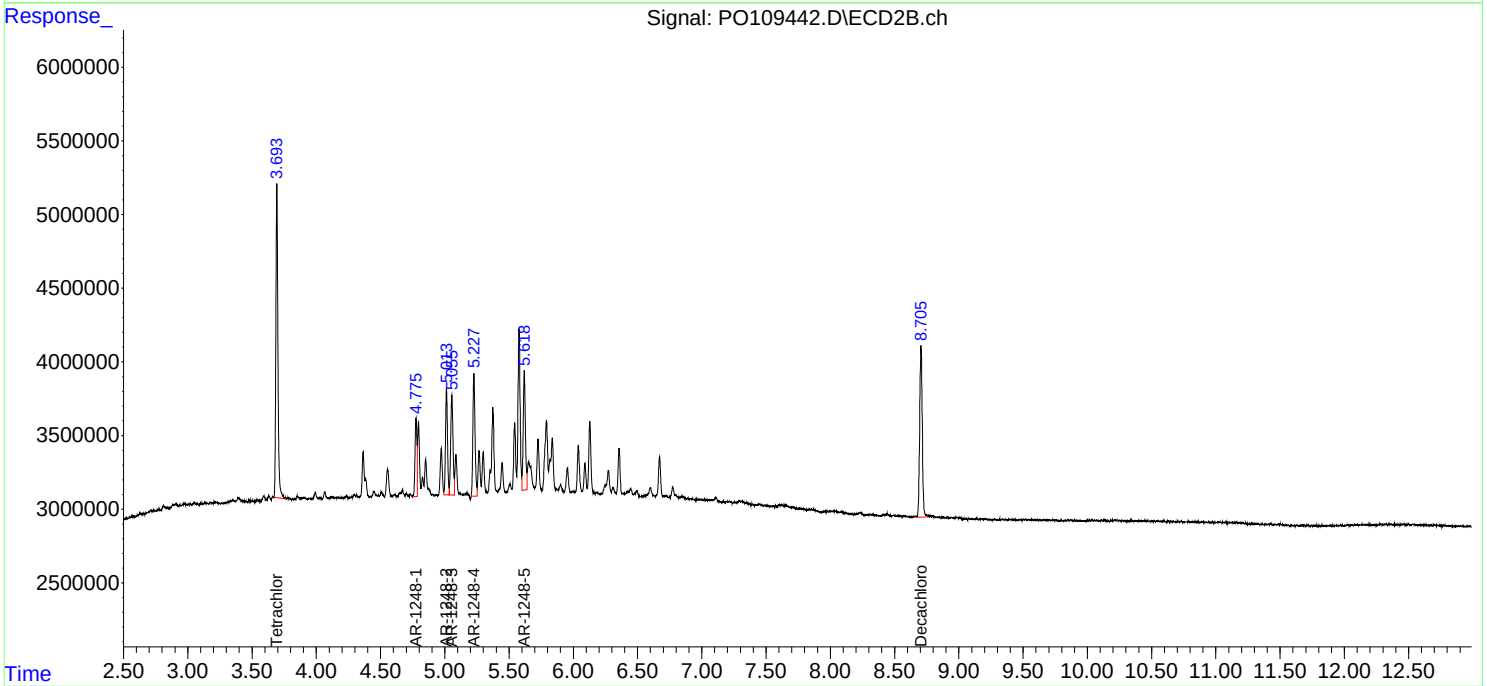
Manual Integrations APPROVED

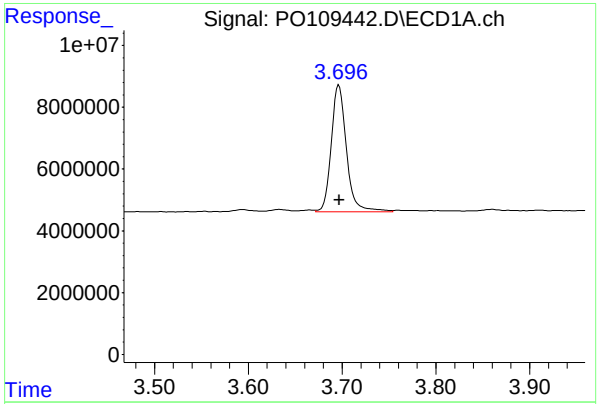
Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:49:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:44:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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







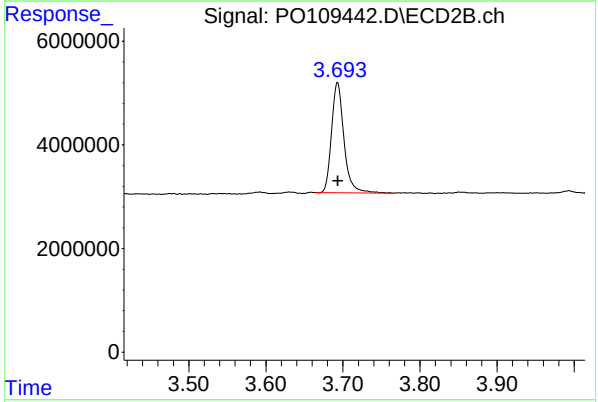
#1 Tetrachloro-m-xylene

R.T.: 3.697 min
Delta R.T.: 0.000 min
Response: 46251223
Conc: 4.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

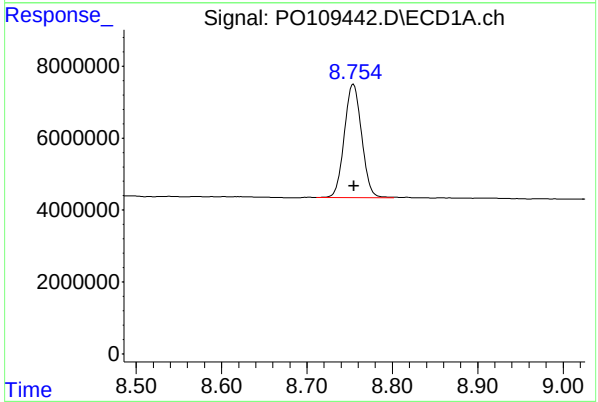
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



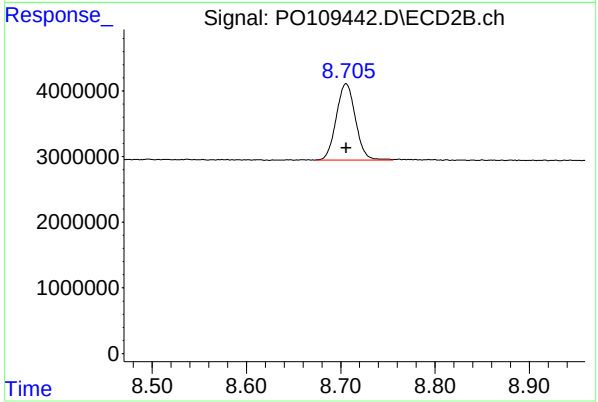
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 23752948
Conc: 4.55 ng/ml



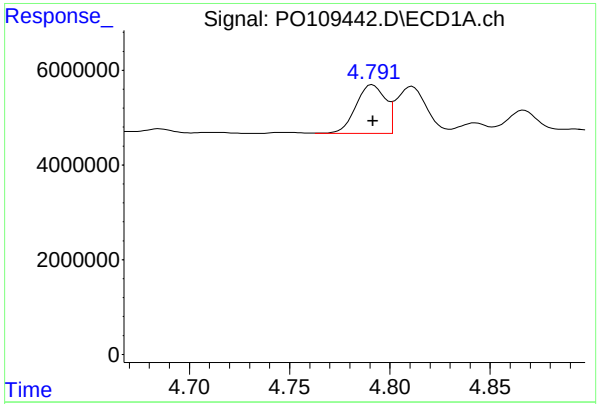
#2 Decachlorobiphenyl

R.T.: 8.754 min
Delta R.T.: 0.000 min
Response: 44397899
Conc: 5.33 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 16474487
Conc: 5.42 ng/ml



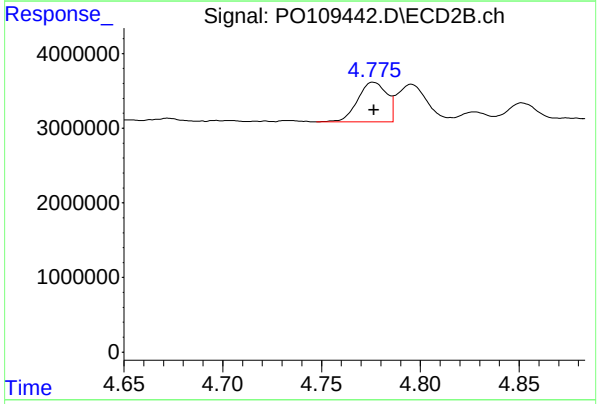
#21 AR-1248-1

R.T.: 4.791 min
Delta R.T.: 0.000 min
Response: 10517320
Conc: 52.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

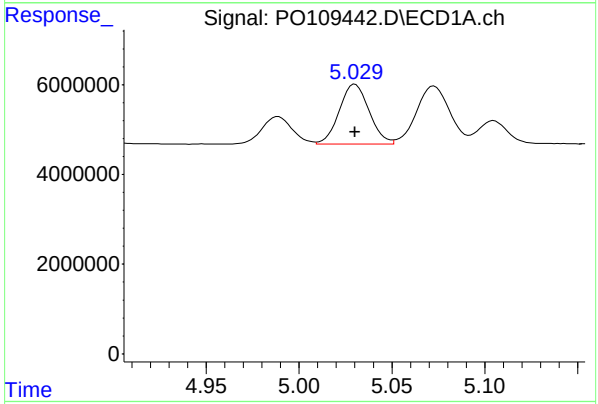
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



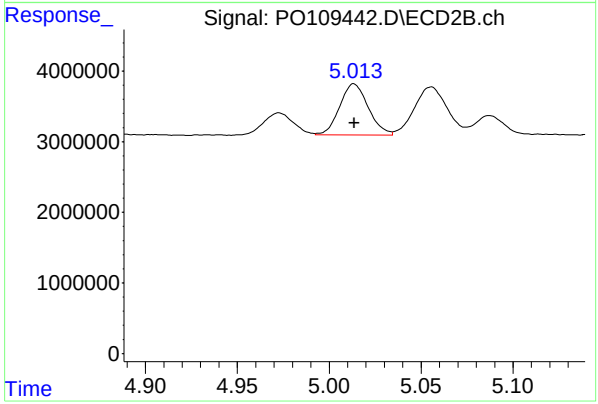
#21 AR-1248-1

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 5442853
Conc: 54.01 ng/ml



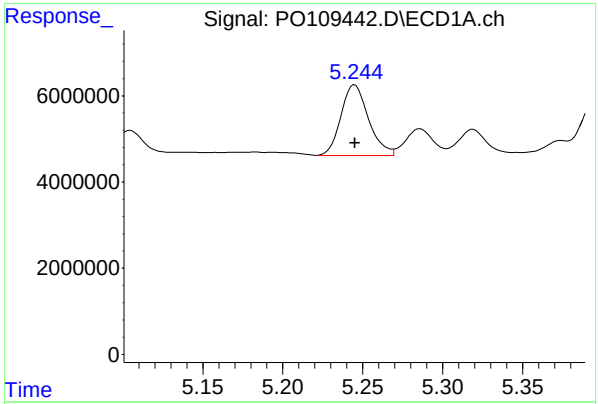
#22 AR-1248-2

R.T.: 5.030 min
Delta R.T.: 0.000 min
Response: 14922906
Conc: 52.98 ng/ml



#22 AR-1248-2

R.T.: 5.013 min
Delta R.T.: 0.000 min
Response: 7831415
Conc: 53.49 ng/ml



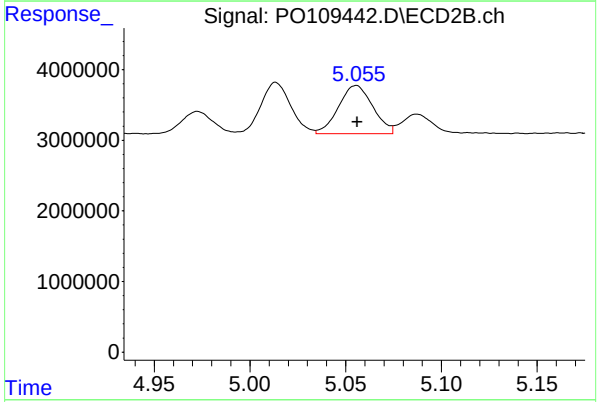
#23 AR-1248-3

R.T.: 5.245 min
Delta R.T.: 0.000 mi
Response: 19608812
Conc: 56.64 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

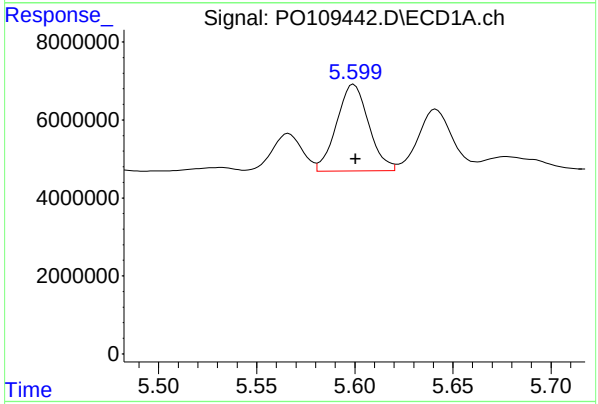
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



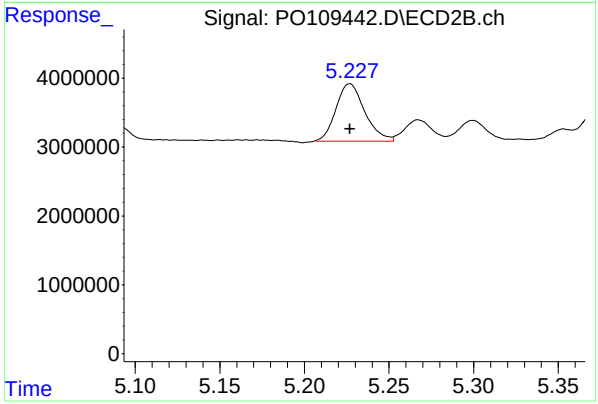
#23 AR-1248-3

R.T.: 5.055 min
Delta R.T.: 0.000 min
Response: 8436393
Conc: 54.18 ng/ml



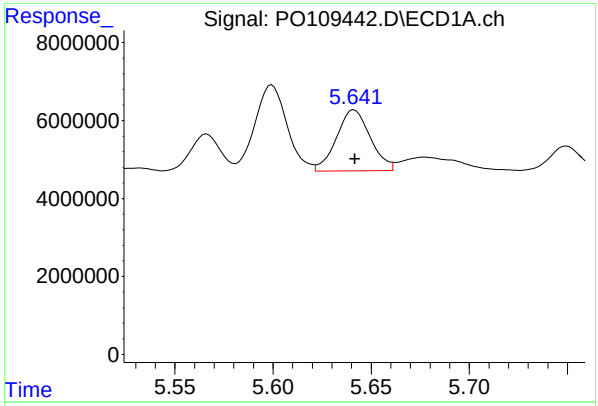
#24 AR-1248-4

R.T.: 5.599 min
Delta R.T.: -0.002 min
Response: 25203917
Conc: 52.60 ng/ml m



#24 AR-1248-4

R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 9829738
Conc: 54.50 ng/ml m



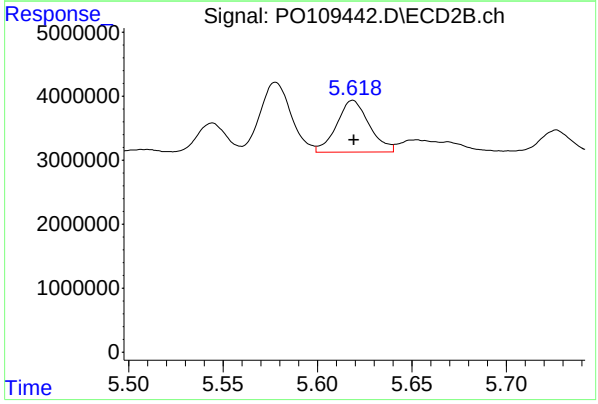
#25 AR-1248-5

R.T.: 5.641 min
Delta R.T.: -0.001 mi
Response: 19009831
Conc: 56.30 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



#25 AR-1248-5

R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 9765442
Conc: 57.59 ng/ml m

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109443.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 21:58
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: Feb 21 03:05:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 03:04:52 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...	3.697	3.693	951.1E6	511.8E6	96.621	98.139
2)	SA Decachlor...	8.754	8.705	796.7E6	284.2E6	93.419	92.489
	Target Compounds						
26)	L6 AR-1254-1	5.600	5.578	480.6E6	243.6E6	934.551	933.795
27)	L6 AR-1254-2	5.749	5.726	417.5E6	212.5E6	924.809	921.386
28)	L6 AR-1254-3	6.155	6.129	684.8E6	339.8E6	943.785	941.402
29)	L6 AR-1254-4	6.384	6.357	418.0E6	192.3E6	974.859	962.866
30)	L6 AR-1254-5	6.805	6.774	597.3E6	278.5E6	945.656	939.652

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

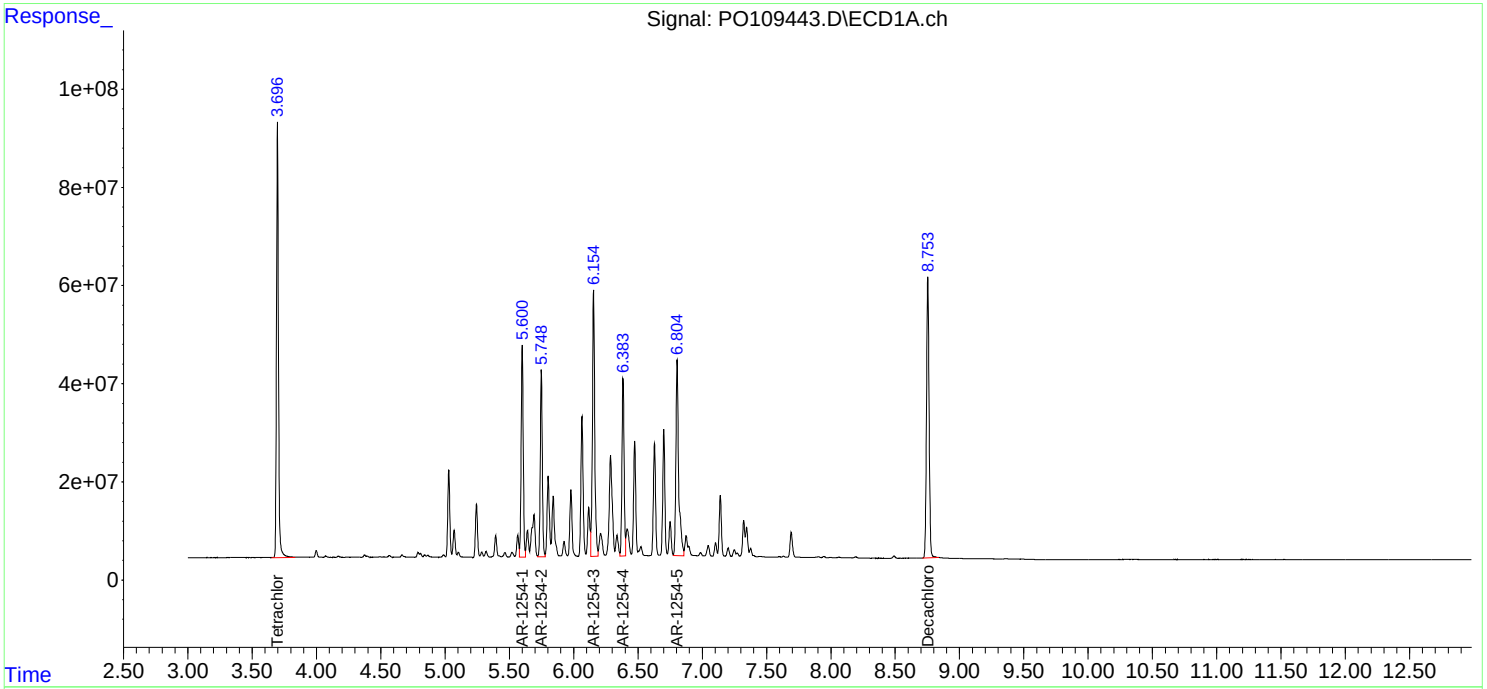
ICAL Form

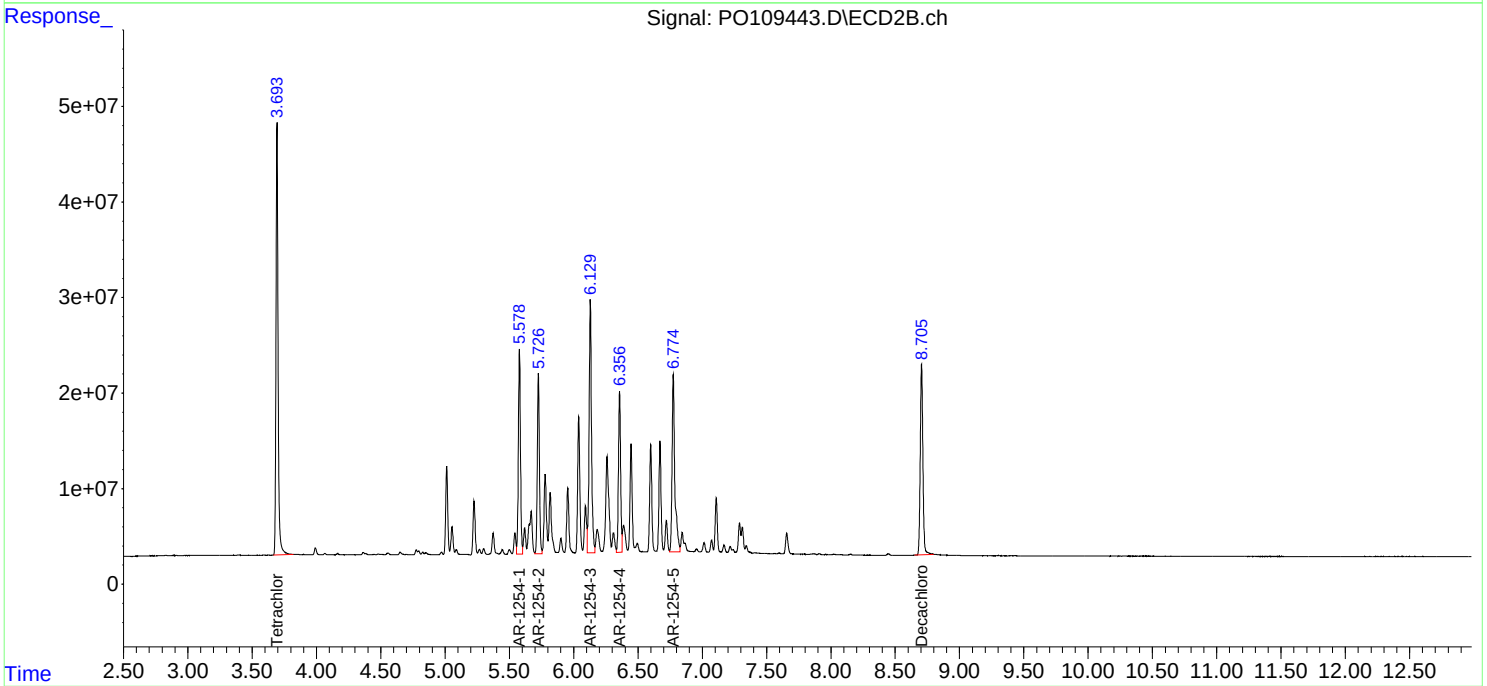
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109443.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 21:58
Operator : YP/AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

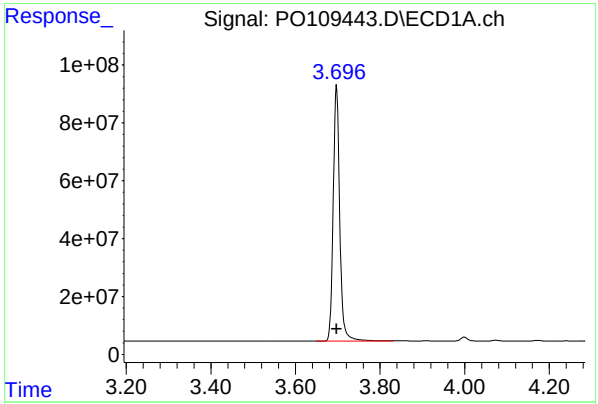
Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 03:05:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 03:04:52 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



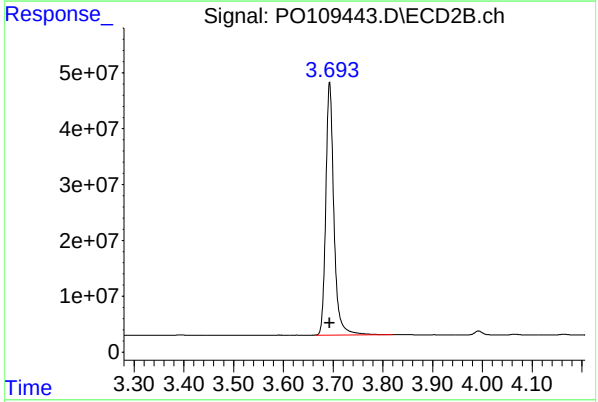




#1 Tetrachloro-m-xylene

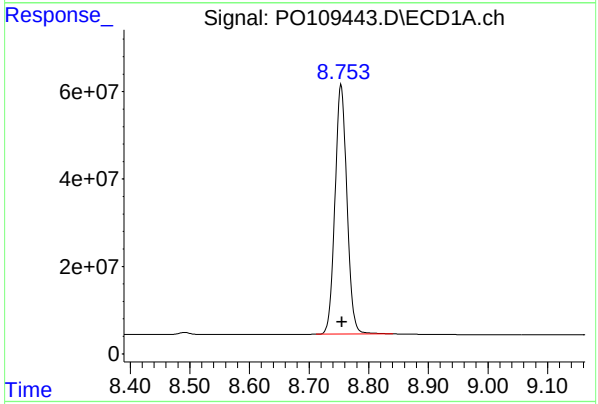
R.T.: 3.697 min
Delta R.T.: 0.000 min
Response: 951105146
Conc: 96.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



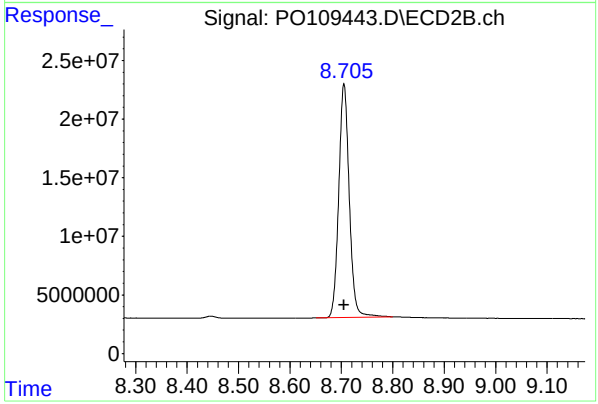
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 511752526
Conc: 98.14 ng/ml



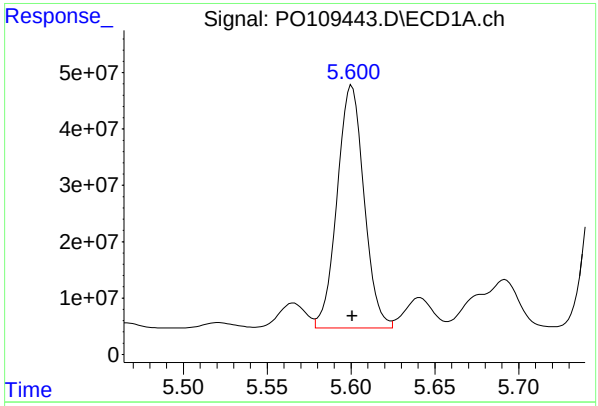
#2 Decachlorobiphenyl

R.T.: 8.754 min
Delta R.T.: -0.001 min
Response: 796709283
Conc: 93.42 ng/ml



#2 Decachlorobiphenyl

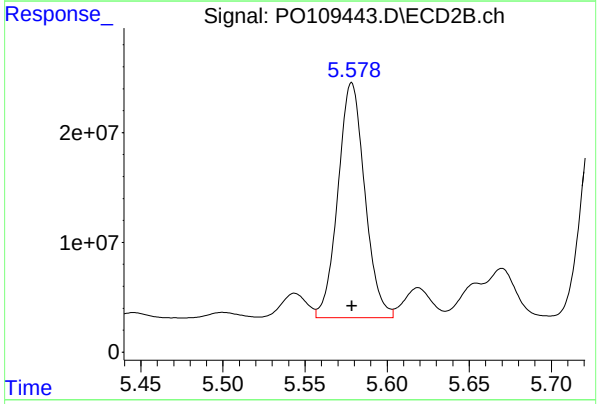
R.T.: 8.705 min
Delta R.T.: 0.000 min
Response: 284176082
Conc: 92.49 ng/ml



#26 AR-1254-1

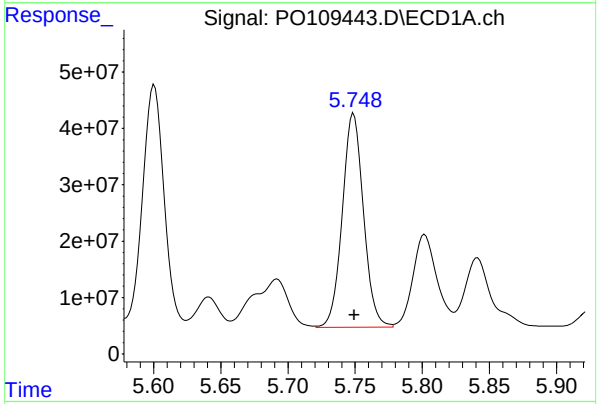
R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 480630669
Conc: 934.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



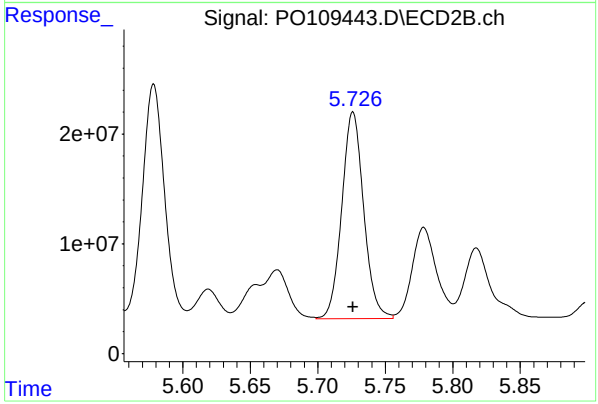
#26 AR-1254-1

R.T.: 5.578 min
Delta R.T.: 0.000 min
Response: 243640751
Conc: 933.79 ng/ml



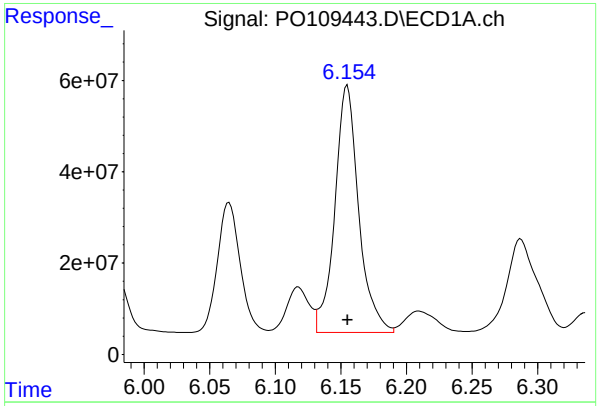
#27 AR-1254-2

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 417535343
Conc: 924.81 ng/ml



#27 AR-1254-2

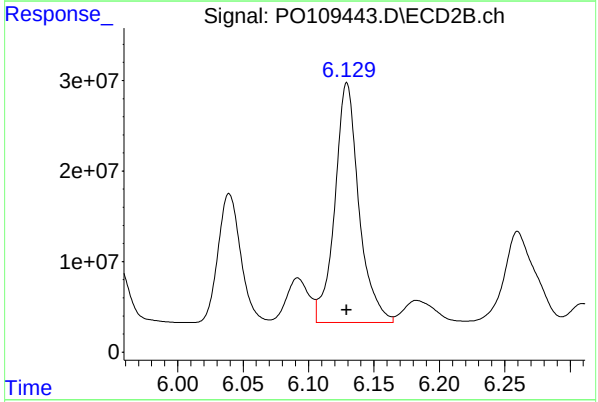
R.T.: 5.726 min
Delta R.T.: 0.000 min
Response: 212545511
Conc: 921.39 ng/ml



#28 AR-1254-3

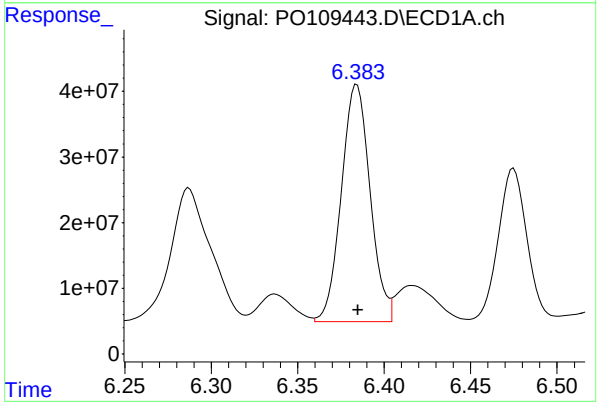
R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 684838056
Conc: 943.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



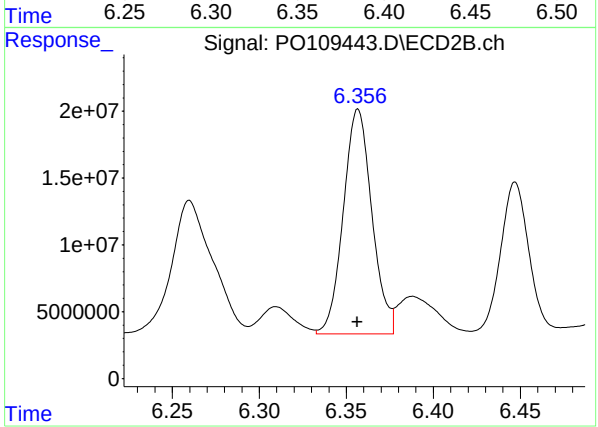
#28 AR-1254-3

R.T.: 6.129 min
Delta R.T.: 0.000 min
Response: 339799719
Conc: 941.40 ng/ml



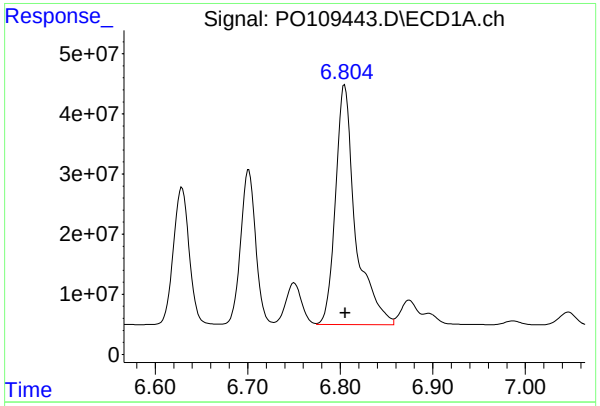
#29 AR-1254-4

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 417970360
Conc: 974.86 ng/ml



#29 AR-1254-4

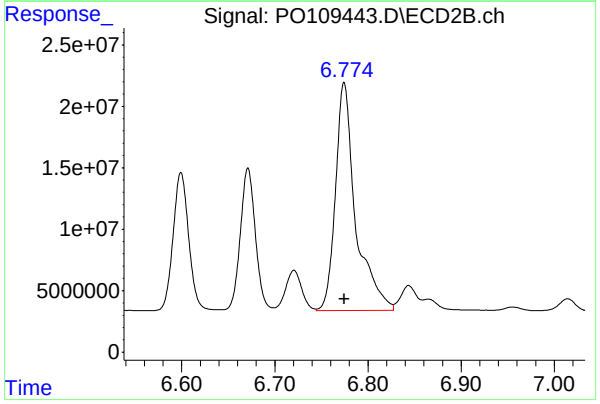
R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 192329190
Conc: 962.87 ng/ml



#30 AR-1254-5

R.T.: 6.805 min
Delta R.T.: 0.000 min
Response: 597298518
Conc: 945.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



#30 AR-1254-5

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 278490681
Conc: 939.65 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109444.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:17
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: Feb 21 03:05:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 03:04:52 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...	3.697	3.694	720.2E6	386.1E6	73.159	74.040
2)	SA Decachlor...	8.756	8.705	609.4E6	219.1E6	71.460	71.318
	Target Compounds						
26)	L6 AR-1254-1	5.601	5.579	368.4E6	186.7E6	716.388	715.385
27)	L6 AR-1254-2	5.750	5.726	321.9E6	164.0E6	713.024	710.983
28)	L6 AR-1254-3	6.156	6.129	523.0E6	259.8E6	720.743	719.697
29)	L6 AR-1254-4	6.385	6.357	307.4E6	142.4E6	716.868	712.856
30)	L6 AR-1254-5	6.806	6.775	456.7E6	212.9E6	723.070	718.501

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

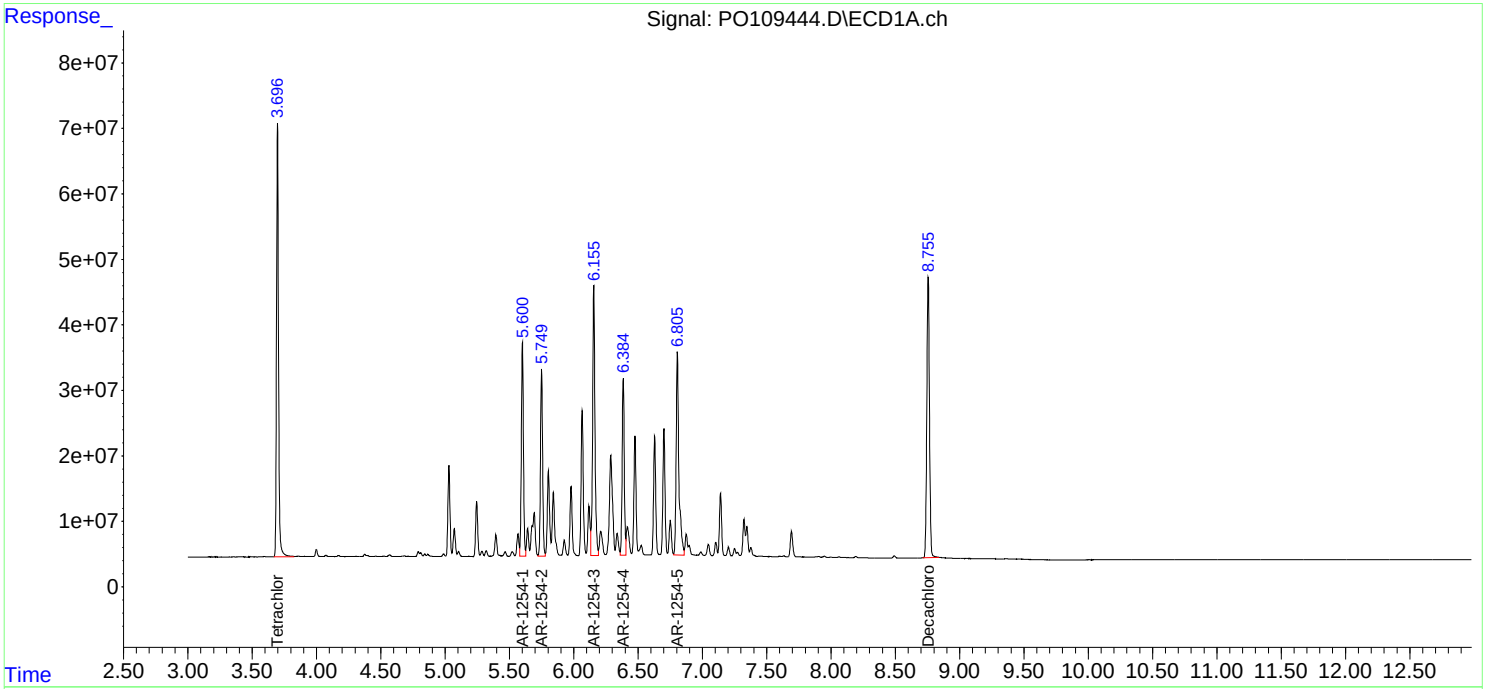
ICAL Form

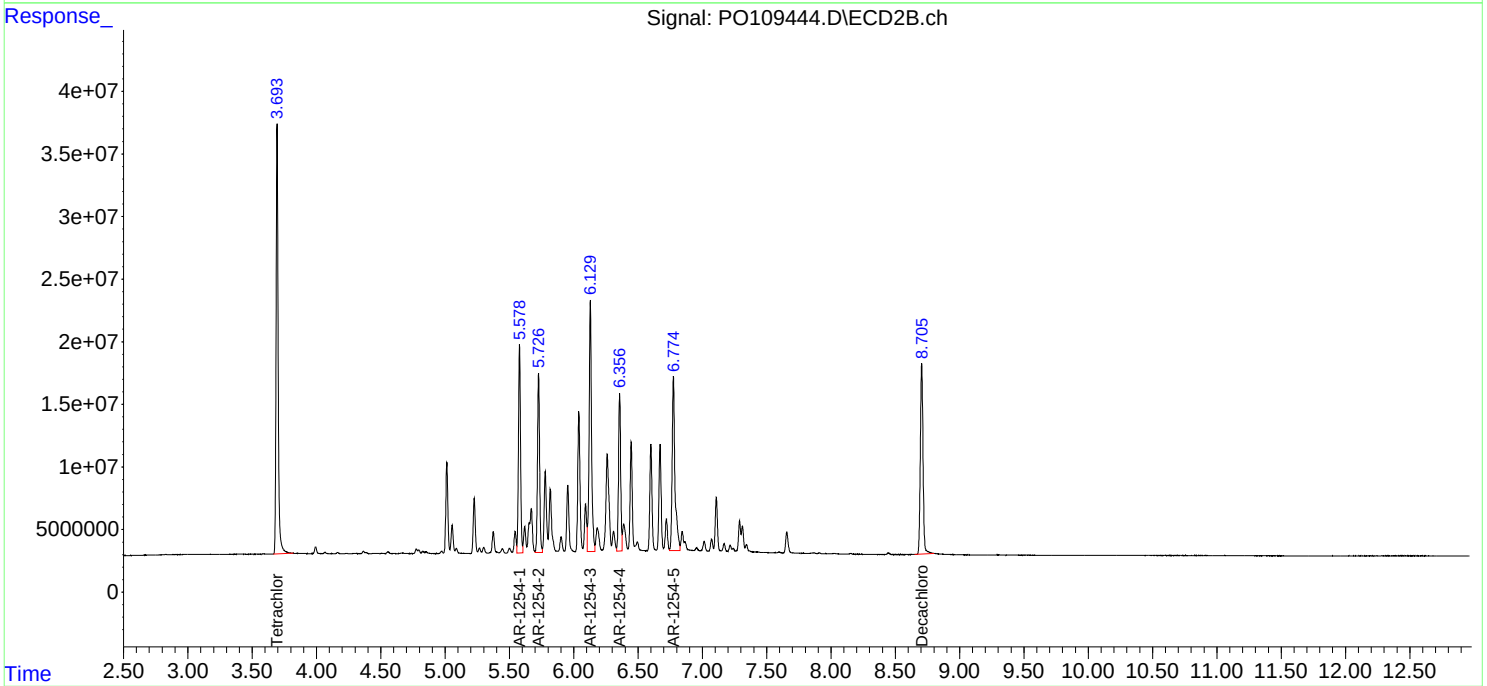
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109444.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:17
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

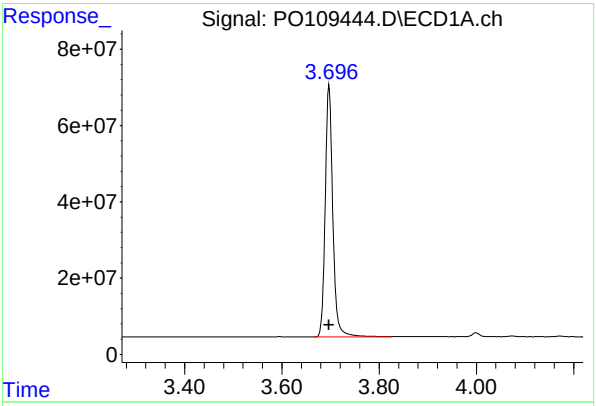
Instrument :
ECD_O
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 03:05:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 03:04:52 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



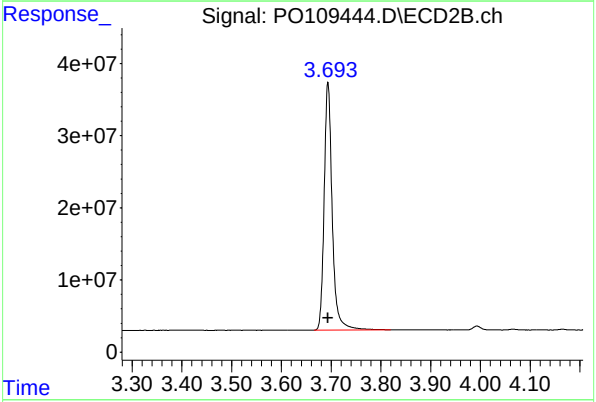




#1 Tetrachloro-m-xylene

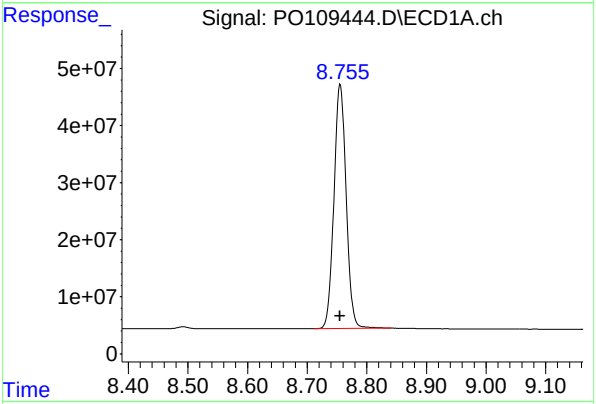
R.T.: 3.697 min
Delta R.T.: 0.000 min
Response: 720150306
Conc: 73.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



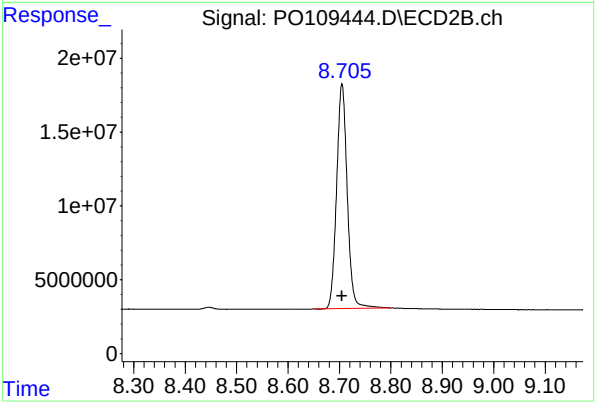
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 386088990
Conc: 74.04 ng/ml



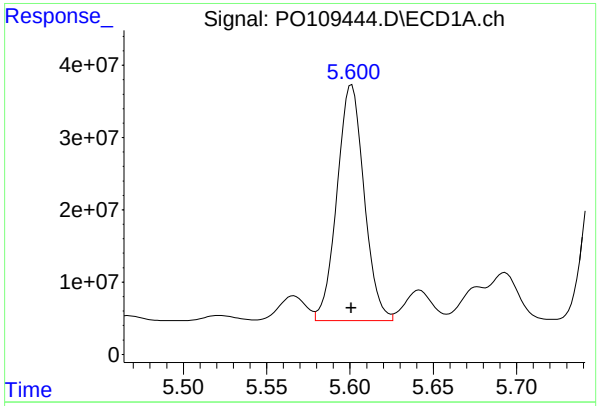
#2 Decachlorobiphenyl

R.T.: 8.756 min
Delta R.T.: 0.000 min
Response: 609431700
Conc: 71.46 ng/ml



#2 Decachlorobiphenyl

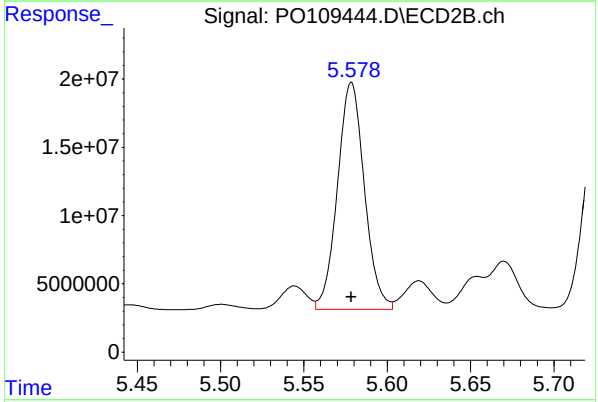
R.T.: 8.705 min
Delta R.T.: 0.000 min
Response: 219126835
Conc: 71.32 ng/ml



#26 AR-1254-1

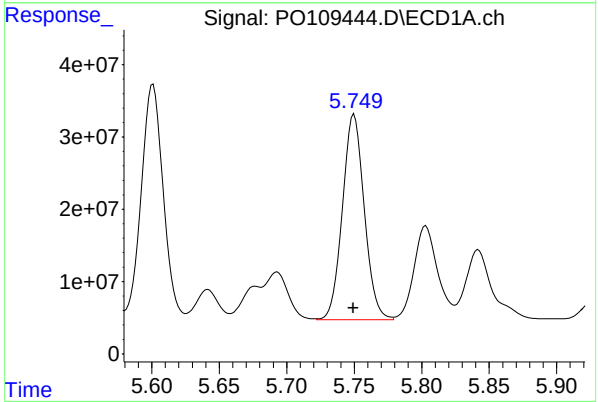
R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 368431718
Conc: 716.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



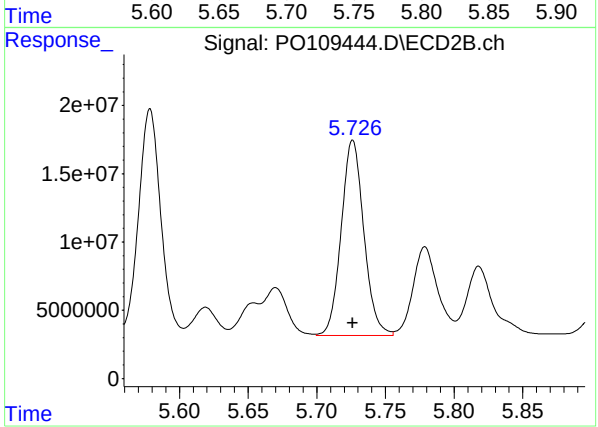
#26 AR-1254-1

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 186654468
Conc: 715.38 ng/ml



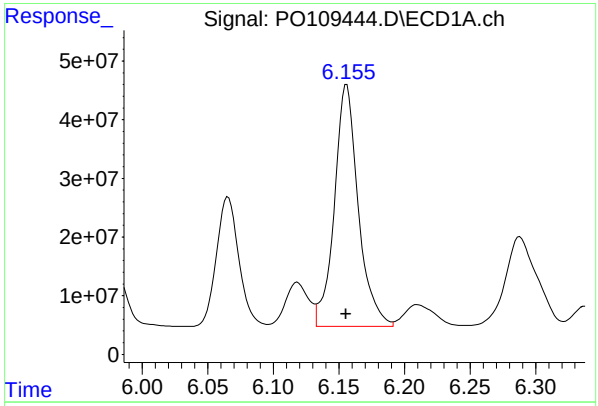
#27 AR-1254-2

R.T.: 5.750 min
Delta R.T.: 0.000 min
Response: 321917997
Conc: 713.02 ng/ml



#27 AR-1254-2

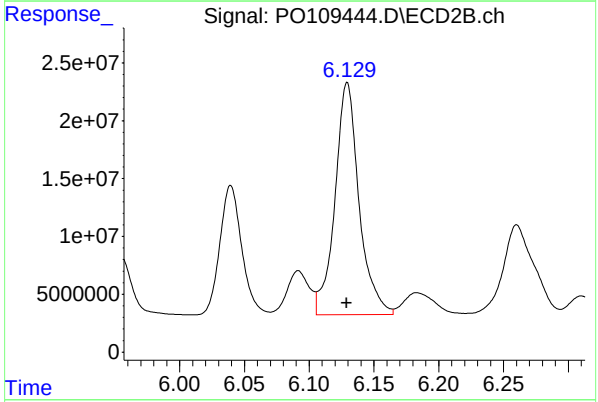
R.T.: 5.726 min
Delta R.T.: 0.000 min
Response: 164009630
Conc: 710.98 ng/ml



#28 AR-1254-3

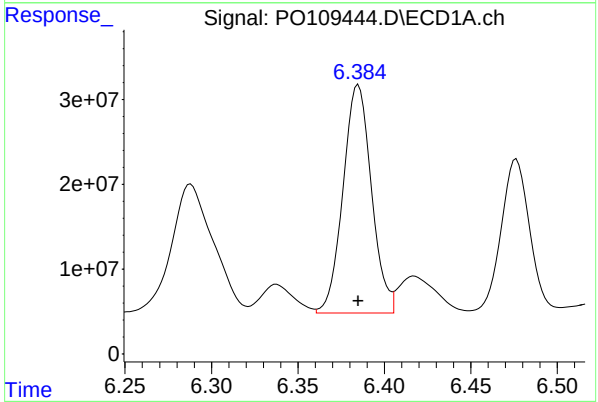
R.T.: 6.156 min
Delta R.T.: 0.000 min
Response: 522992227
Conc: 720.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



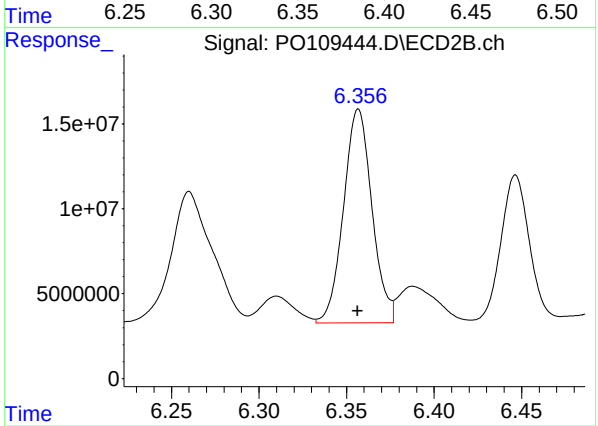
#28 AR-1254-3

R.T.: 6.129 min
Delta R.T.: 0.000 min
Response: 259775017
Conc: 719.70 ng/ml



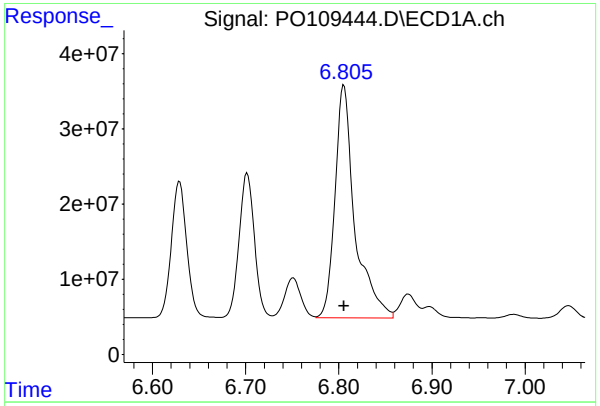
#29 AR-1254-4

R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 307356654
Conc: 716.87 ng/ml



#29 AR-1254-4

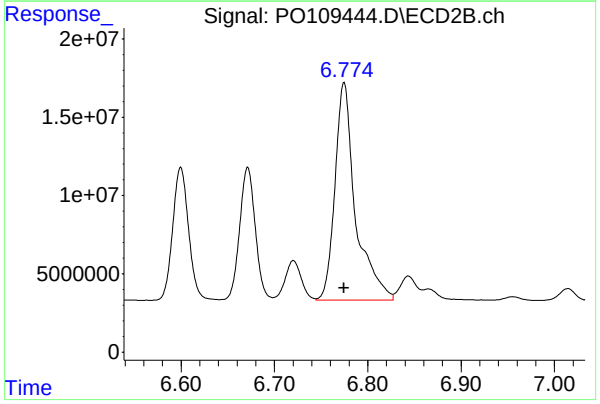
R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 142390670
Conc: 712.86 ng/ml



#30 AR-1254-5

R.T.: 6.806 min
Delta R.T.: 0.000 mi
Response: 456707672
Conc: 723.07 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



#30 AR-1254-5

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 212946736
Conc: 718.50 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109445.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:35
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: Feb 21 03:06:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 03:04:52 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...	3.697	3.693	492.2E6	260.7E6	50.000	50.000
2)	SA Decachlor...	8.755	8.705	426.4E6	153.6E6	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	5.601	5.578	257.1E6	130.5E6	500.000	500.000
27)	L6 AR-1254-2	5.749	5.726	225.7E6	115.3E6	500.000	500.000
28)	L6 AR-1254-3	6.155	6.129	362.8E6	180.5E6	500.000	500.000
29)	L6 AR-1254-4	6.385	6.356	214.4E6	99873317	500.000	500.000
30)	L6 AR-1254-5	6.805	6.774	315.8E6	148.2E6	500.000	500.000

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

Quantitation Report (QT Reviewed)

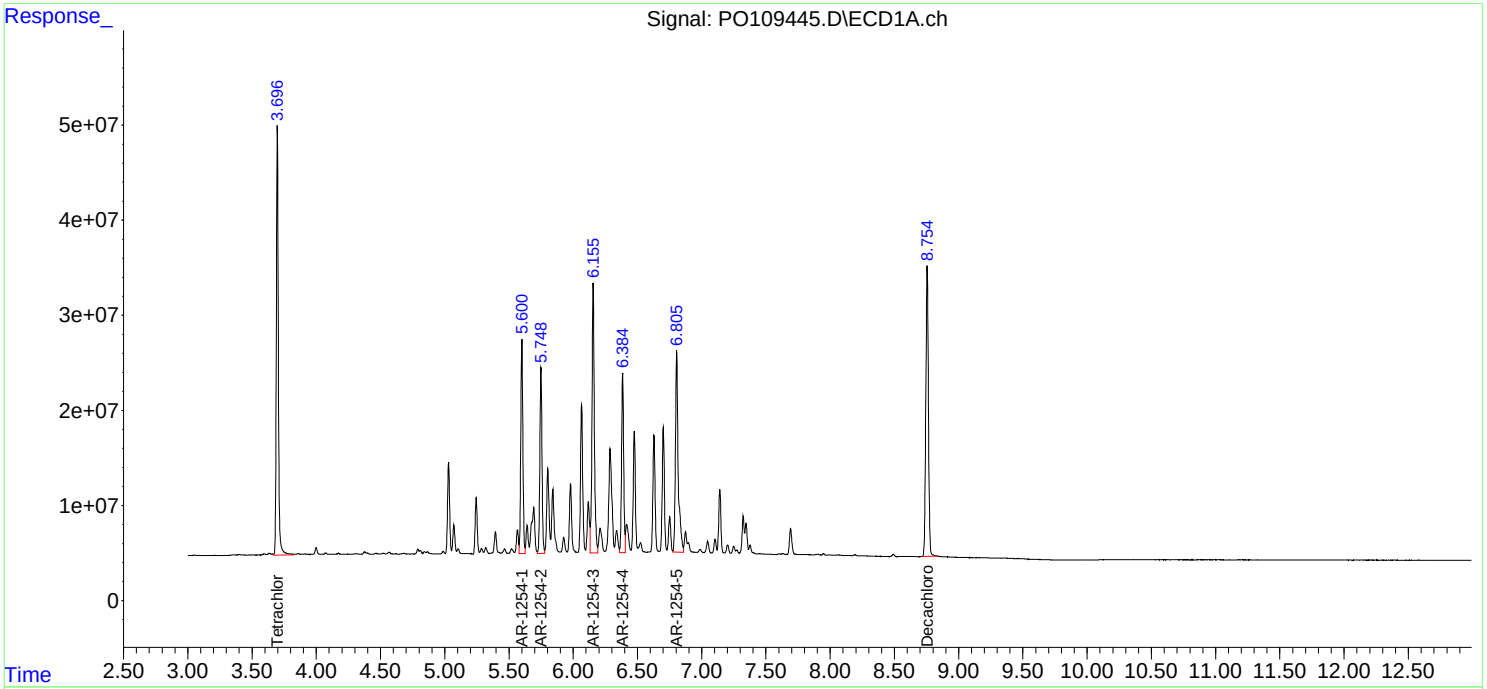
ICAL Form

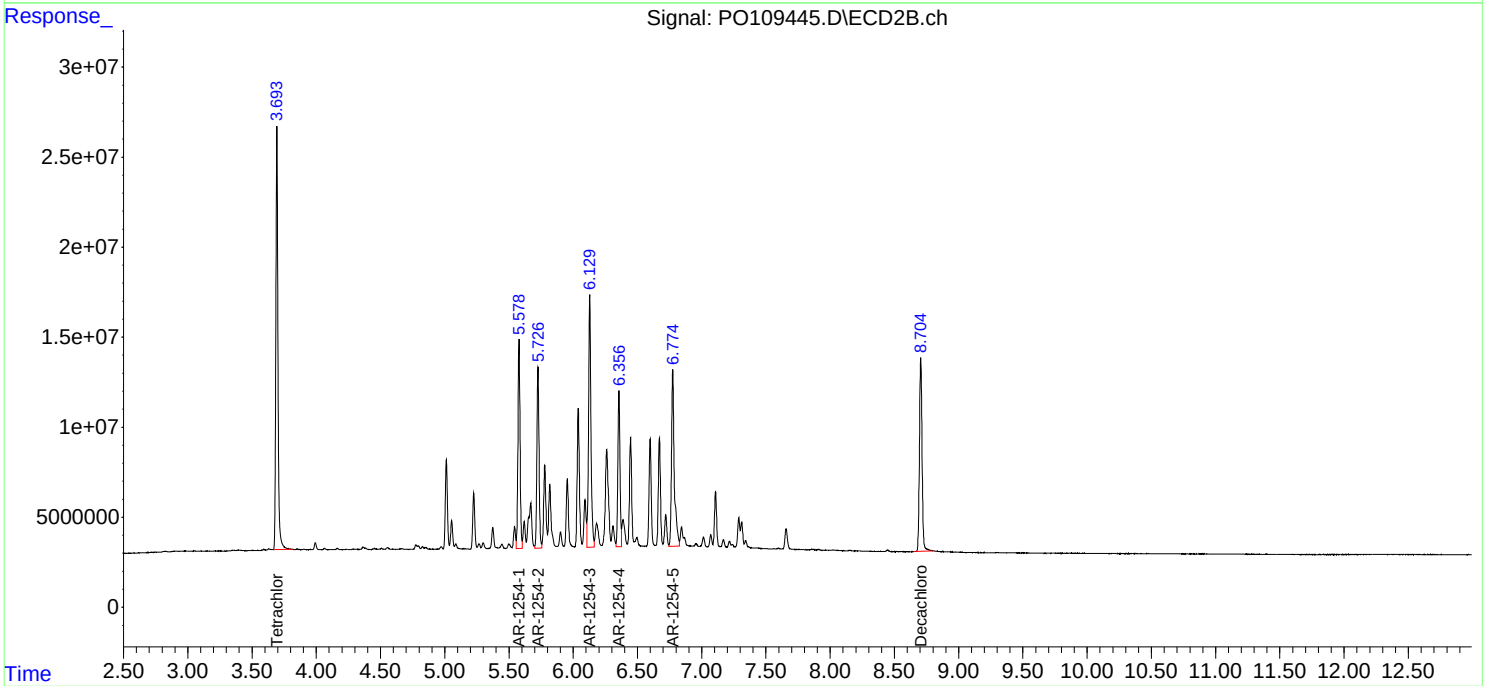
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109445.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:35
Operator : YP/AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

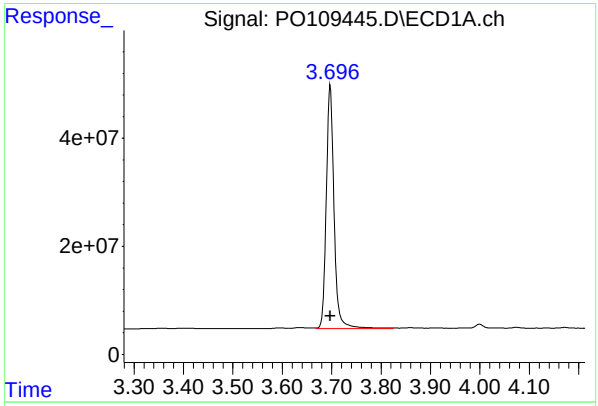
Instrument :
ECD_O
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 03:06:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 03:04:52 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



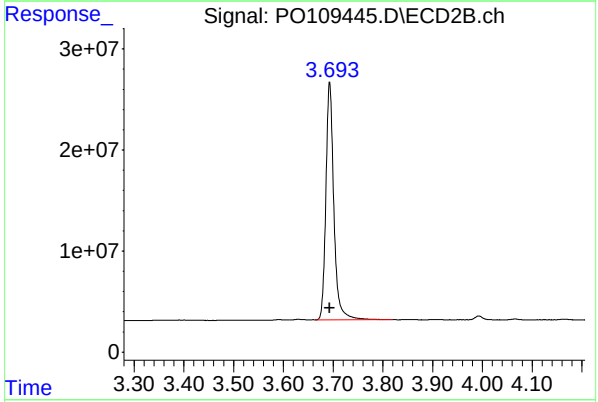




#1 Tetrachloro-m-xylene

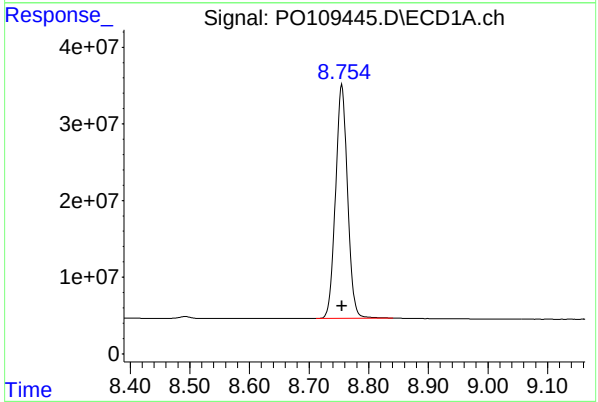
R.T.: 3.697 min
Delta R.T.: 0.000 min
Response: 492181034
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



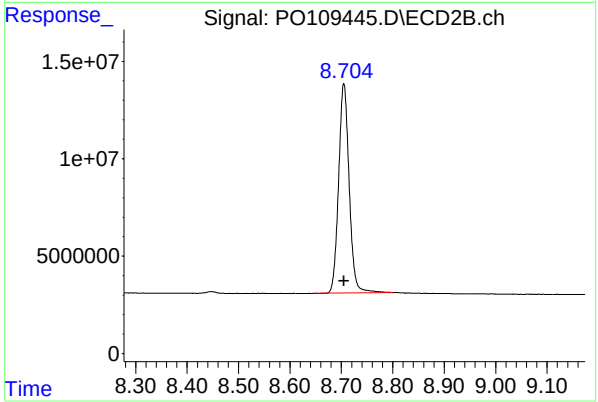
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 260729177
Conc: 50.00 ng/ml



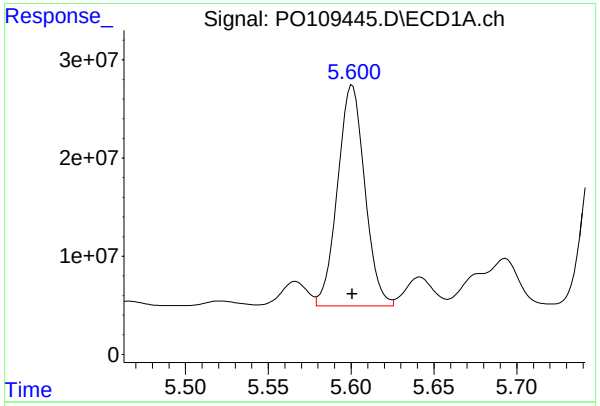
#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: 0.000 min
Response: 426417182
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

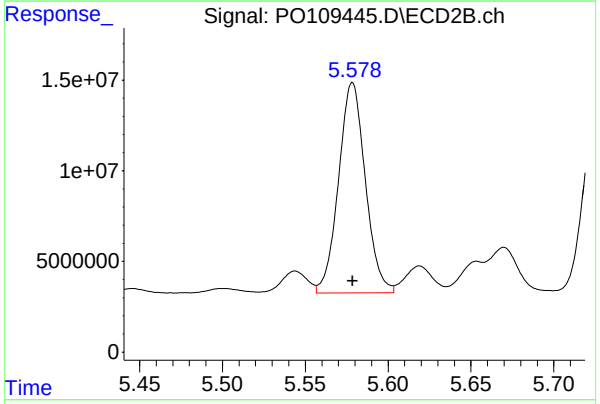
R.T.: 8.705 min
Delta R.T.: 0.000 min
Response: 153626293
Conc: 50.00 ng/ml



#26 AR-1254-1

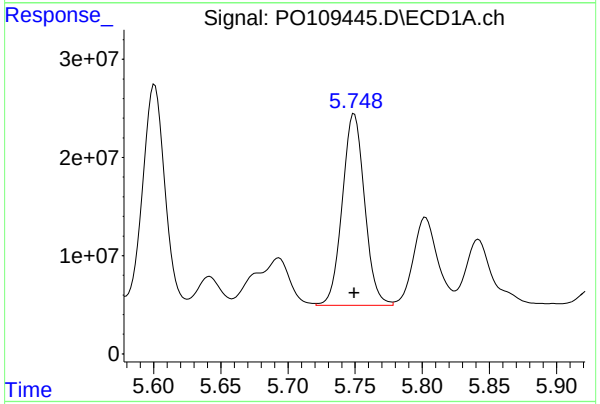
R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 257145361
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



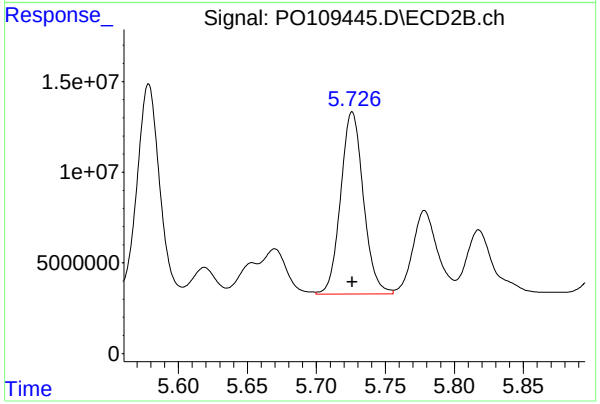
#26 AR-1254-1

R.T.: 5.578 min
Delta R.T.: 0.000 min
Response: 130457369
Conc: 500.00 ng/ml



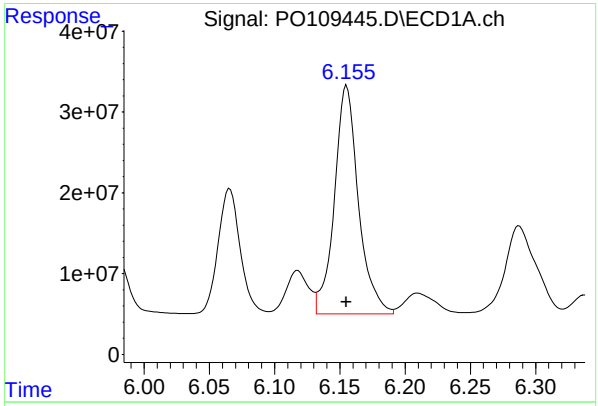
#27 AR-1254-2

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 225741291
Conc: 500.00 ng/ml



#27 AR-1254-2

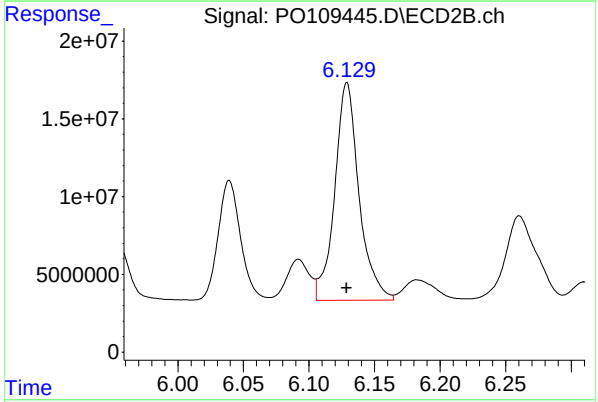
R.T.: 5.726 min
Delta R.T.: 0.000 min
Response: 115340127
Conc: 500.00 ng/ml



#28 AR-1254-3

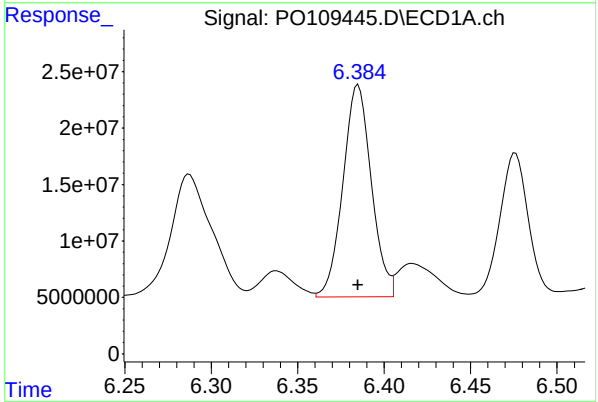
R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 362814470
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



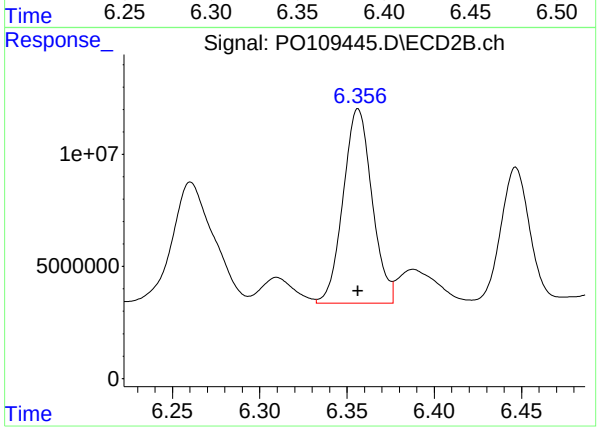
#28 AR-1254-3

R.T.: 6.129 min
Delta R.T.: 0.000 min
Response: 180475375
Conc: 500.00 ng/ml



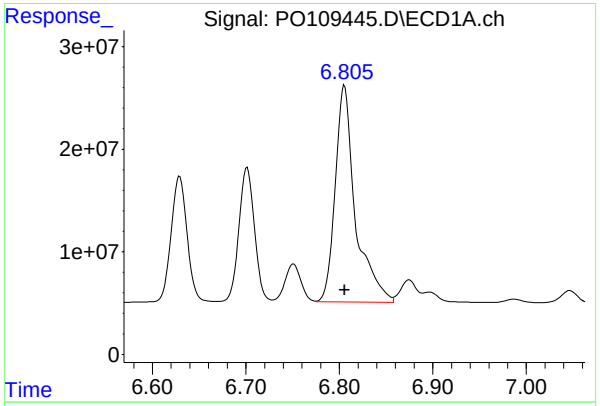
#29 AR-1254-4

R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 214374693
Conc: 500.00 ng/ml



#29 AR-1254-4

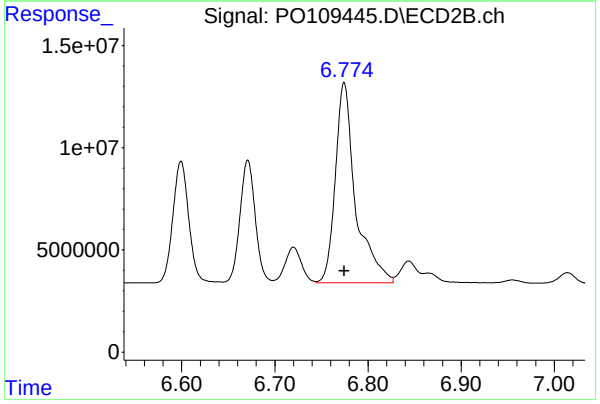
R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 99873317
Conc: 500.00 ng/ml



#30 AR-1254-5

R.T.: 6.805 min
Delta R.T.: 0.000 min
Response: 315811732
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



#30 AR-1254-5

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 148188198
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109446.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:53
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: Feb 21 03:06:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 03:04:52 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...	3.697	3.693	249.9E6	133.4E6	25.383	25.591
2)	SA Decachlor...	8.755	8.705	224.7E6	82751432	26.343	26.933
	Target Compounds						
26)	L6 AR-1254-1	5.600	5.578	137.1E6	70215336	266.626	269.112
27)	L6 AR-1254-2	5.749	5.726	120.3E6	62303614	266.469	270.086
28)	L6 AR-1254-3	6.155	6.129	190.2E6	94726512	262.120	262.436
29)	L6 AR-1254-4	6.385	6.357	115.3E6	53701999	269.019	268.851
30)	L6 AR-1254-5	6.805	6.775	166.0E6	78525114	262.748	264.951

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

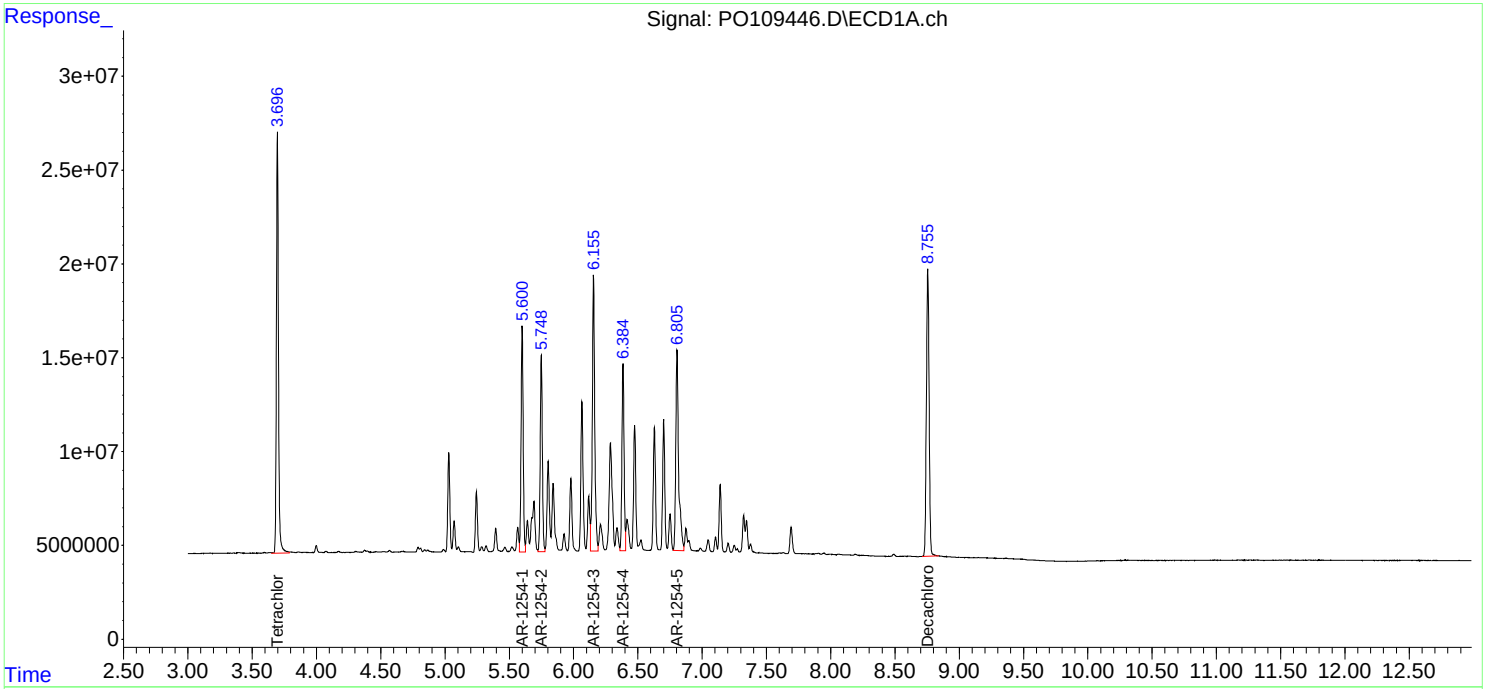
ICAL Form

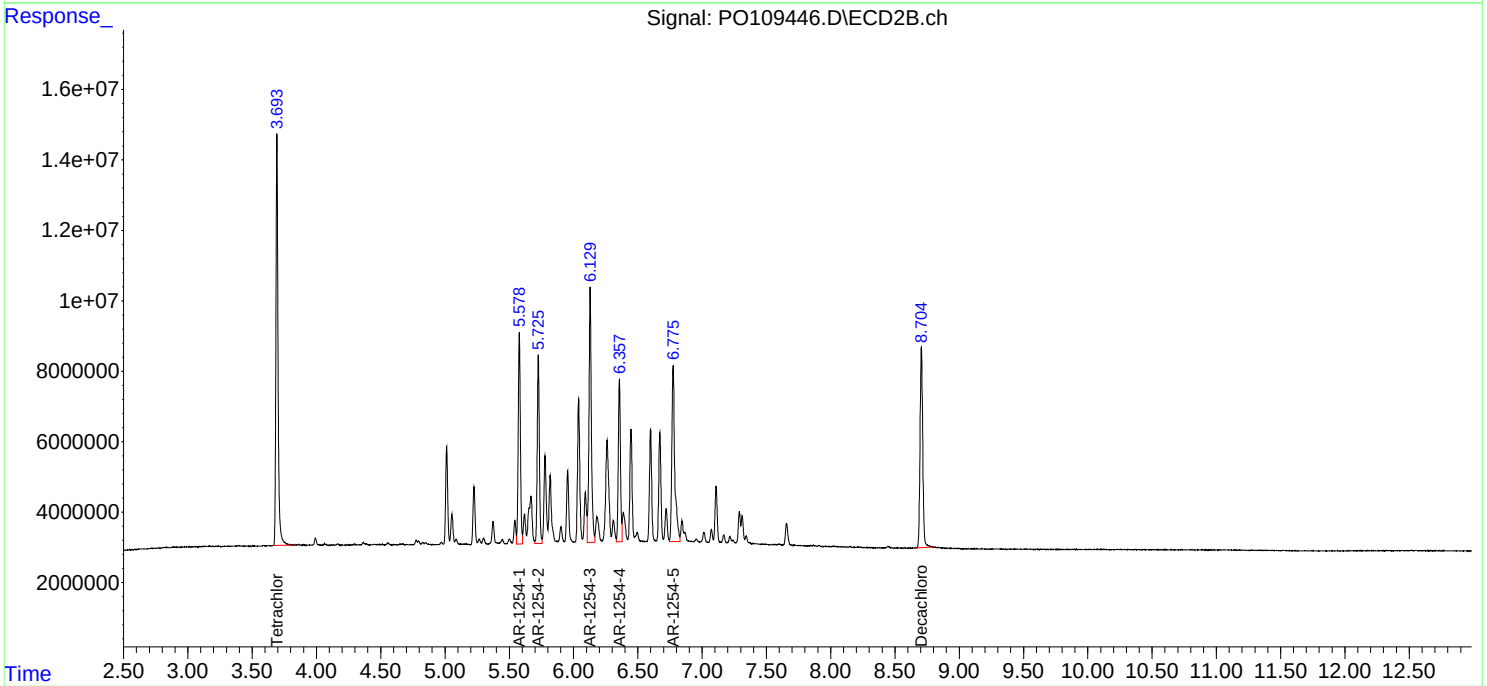
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109446.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:53
Operator : YP/AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

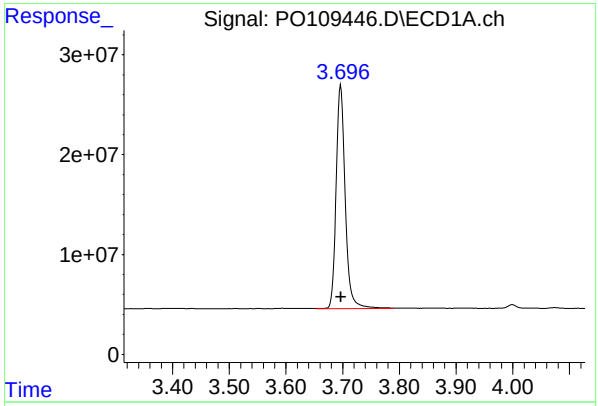
Instrument :
ECD_O
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 03:06:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 03:04:52 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



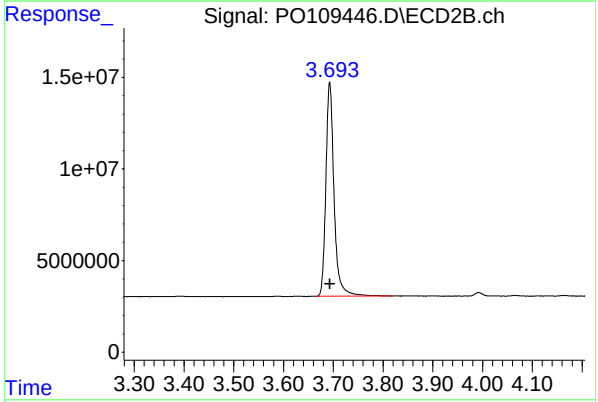




#1 Tetrachloro-m-xylene

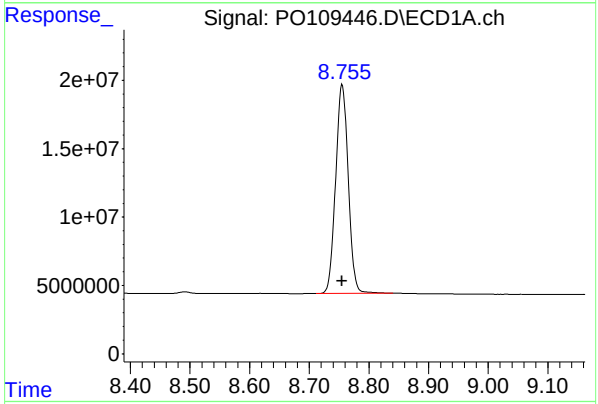
R.T.: 3.697 min
Delta R.T.: 0.000 min
Response: 249861444
Conc: 25.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



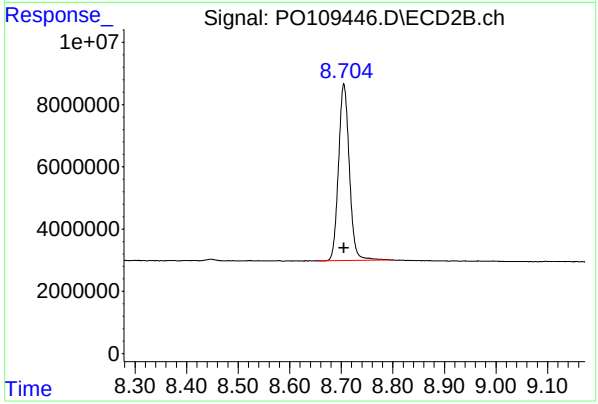
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 133448299
Conc: 25.59 ng/ml



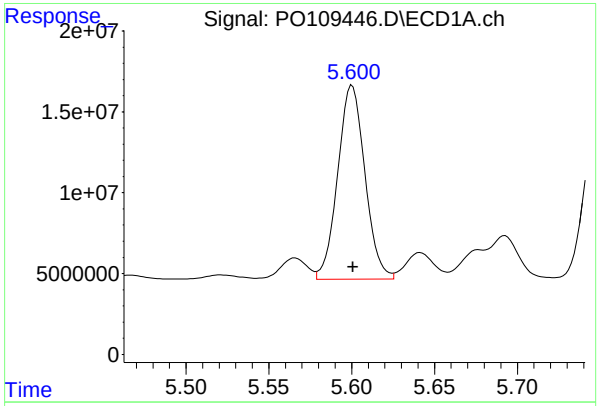
#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: 0.000 min
Response: 224659165
Conc: 26.34 ng/ml



#2 Decachlorobiphenyl

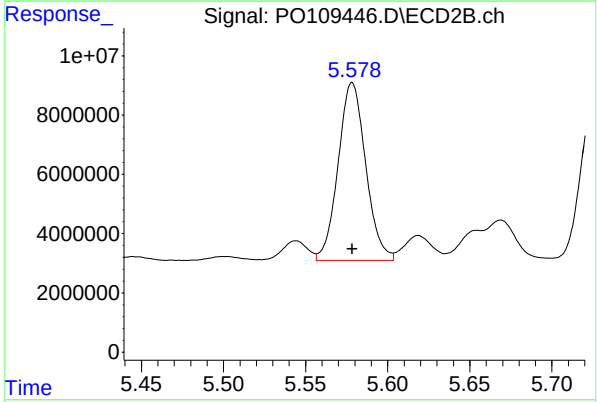
R.T.: 8.705 min
Delta R.T.: 0.000 min
Response: 82751432
Conc: 26.93 ng/ml



#26 AR-1254-1

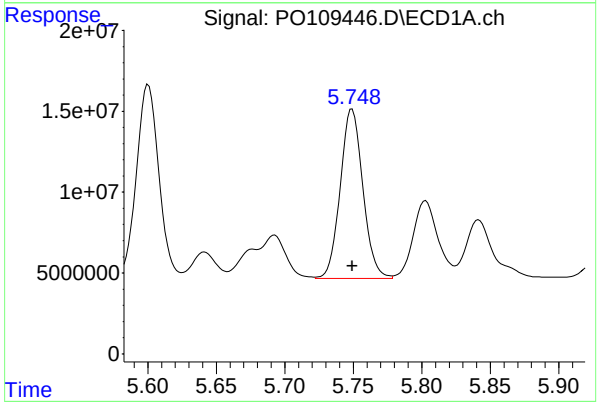
R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 137123530
Conc: 266.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



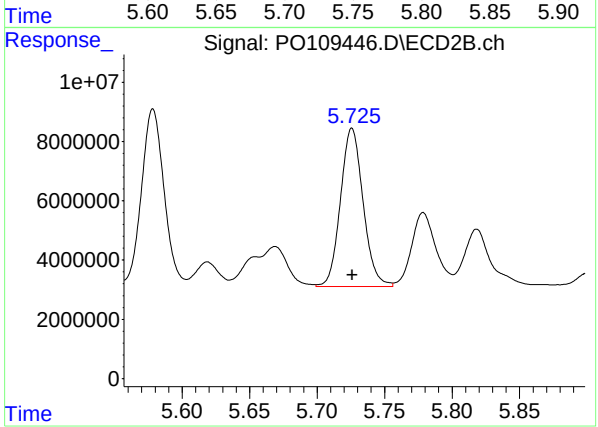
#26 AR-1254-1

R.T.: 5.578 min
Delta R.T.: 0.000 min
Response: 70215336
Conc: 269.11 ng/ml



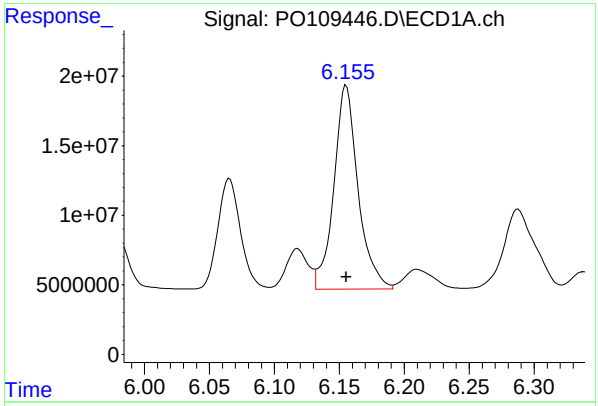
#27 AR-1254-2

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 120306081
Conc: 266.47 ng/ml



#27 AR-1254-2

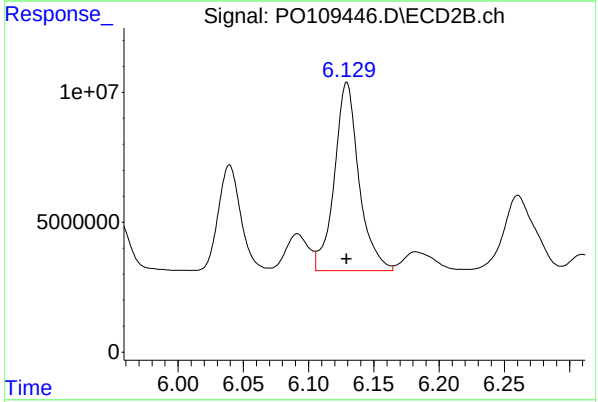
R.T.: 5.726 min
Delta R.T.: 0.000 min
Response: 62303614
Conc: 270.09 ng/ml



#28 AR-1254-3

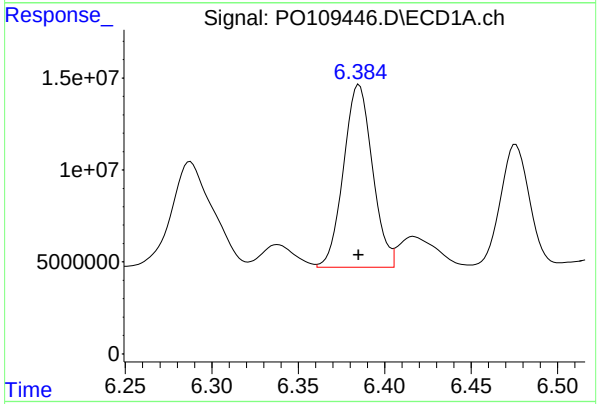
R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 190202114
Conc: 262.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



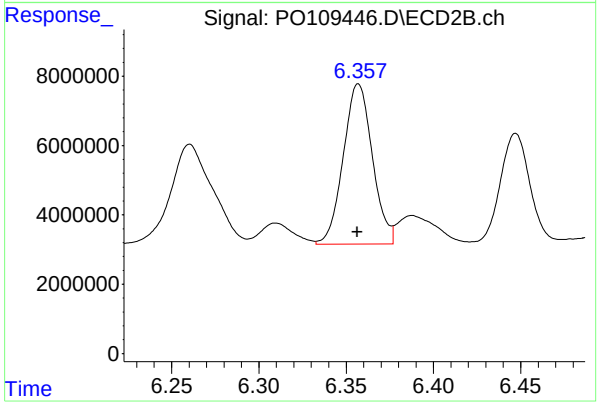
#28 AR-1254-3

R.T.: 6.129 min
Delta R.T.: 0.000 min
Response: 94726512
Conc: 262.44 ng/ml



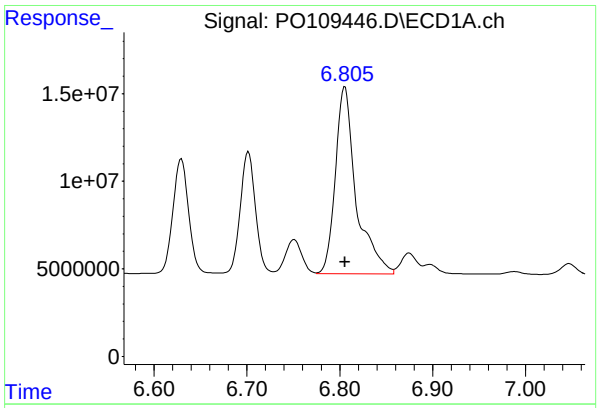
#29 AR-1254-4

R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 115341712
Conc: 269.02 ng/ml



#29 AR-1254-4

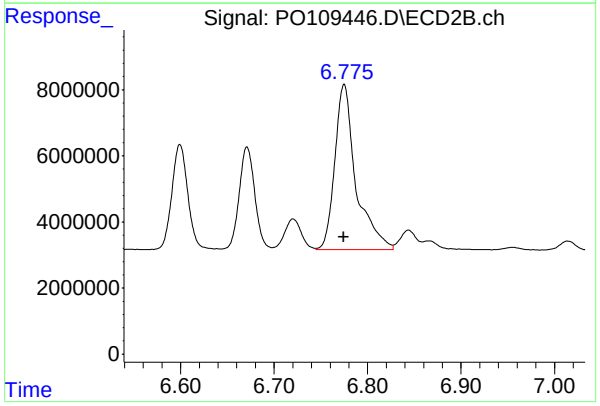
R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 53701999
Conc: 268.85 ng/ml



#30 AR-1254-5

R.T.: 6.805 min
Delta R.T.: 0.000 min
Response: 165957556
Conc: 262.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



#30 AR-1254-5

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 78525114
Conc: 264.95 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109447.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 23:12
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 03:06:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 03:04:52 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...	3.696	3.693	42478021	22408254	4.315m	4.297
2)	SA Decachlor...	8.755	8.706	43911860	16400189	5.149	5.338
	Target Compounds						
26)	L6 AR-1254-1	5.601	5.578	27168777	13670107	52.828m	52.393m
27)	L6 AR-1254-2	5.749	5.726	23620321	13084376	52.317m	56.721m
28)	L6 AR-1254-3	6.156	6.128	35558931	17874982	49.004m	49.522m
29)	L6 AR-1254-4	6.384	6.355	18803102	8443949	43.856m	42.273m
30)	L6 AR-1254-5	6.806	6.774	30890950	15538233	48.907	52.427

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109447.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 23:12
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

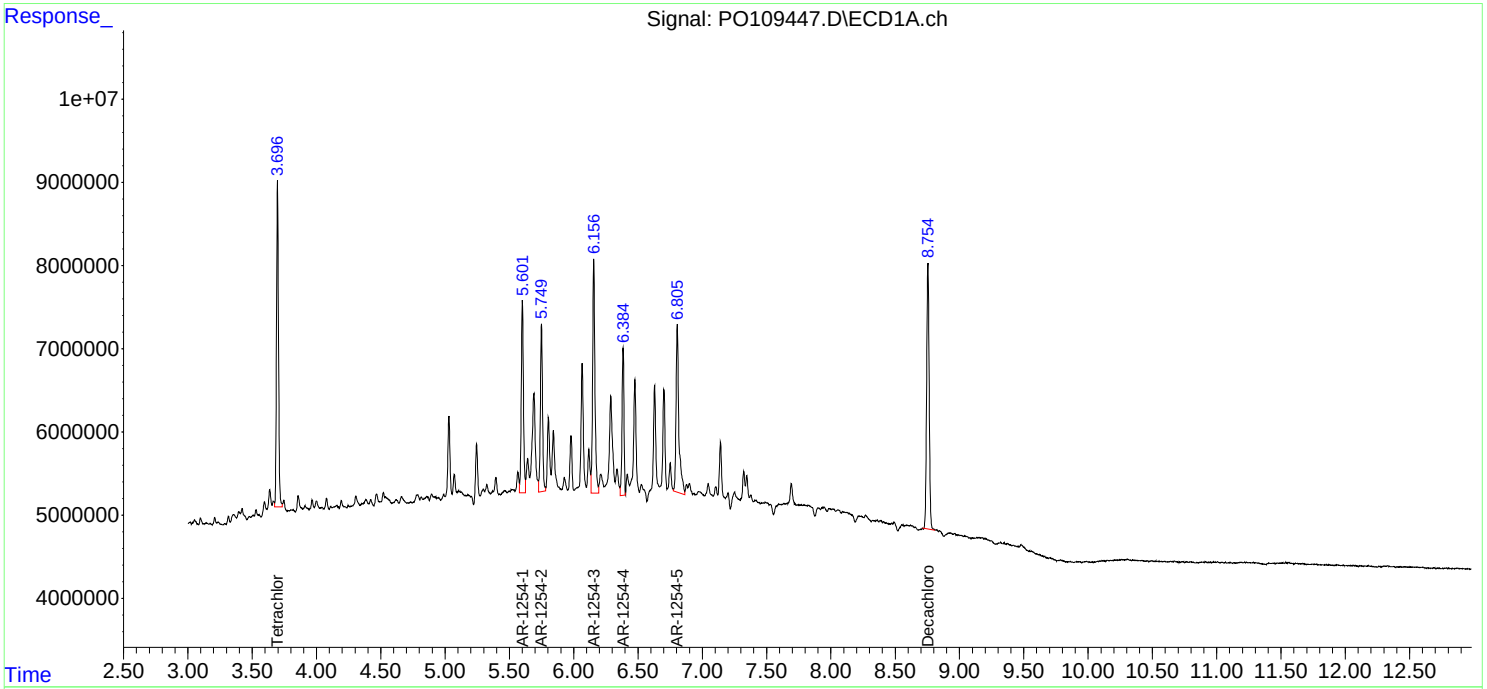
Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

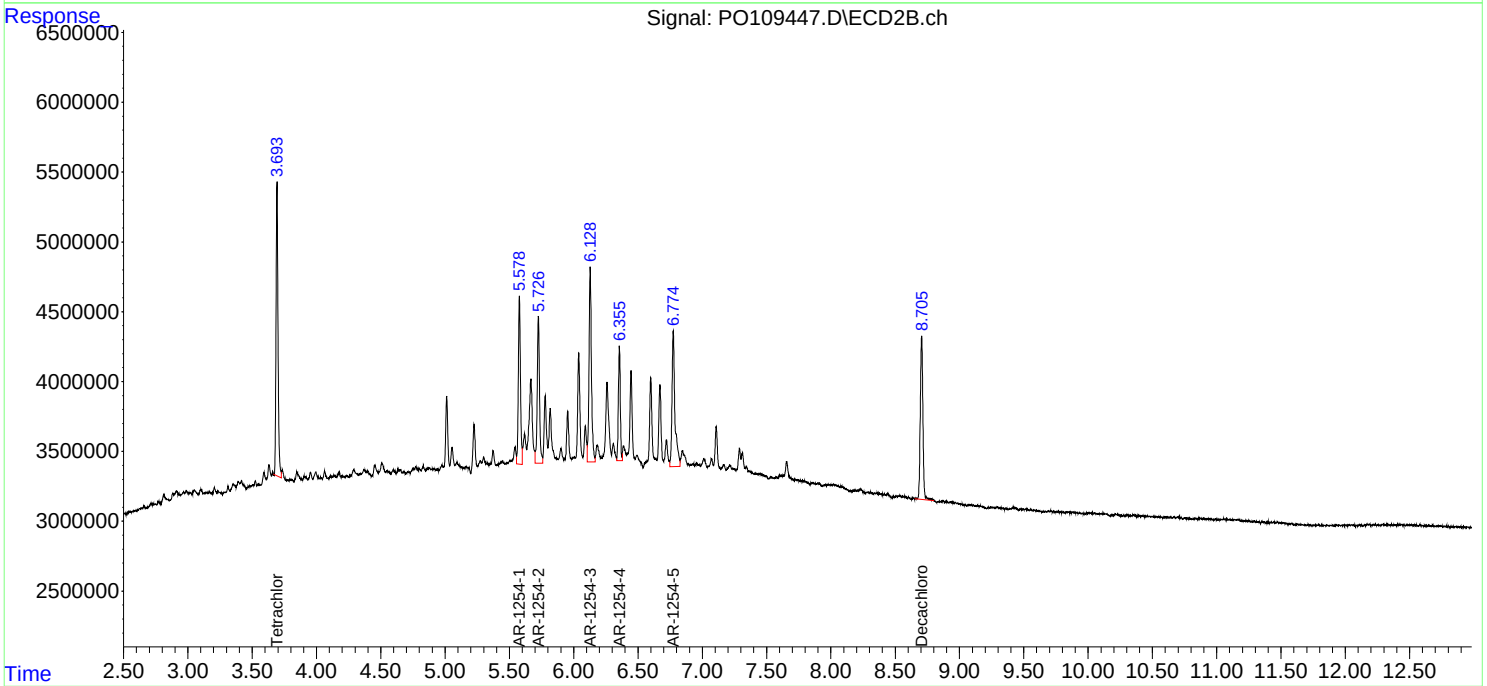
Manual Integrations APPROVED

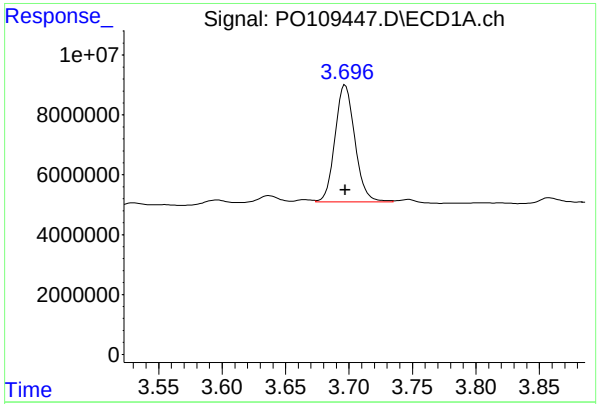
Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 03:06:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 03:04:52 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







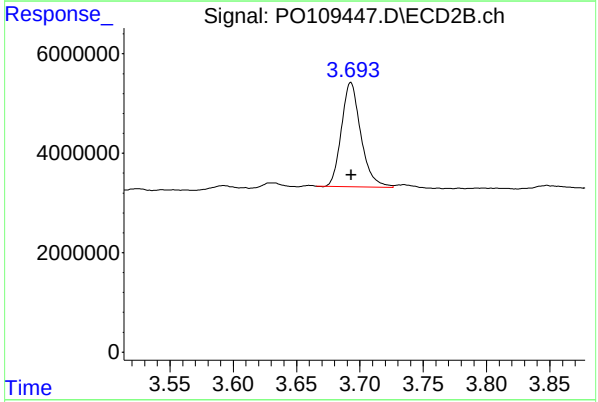
#1 Tetrachloro-m-xylene

R.T.: 3.696 min
Delta R.T.: 0.000 min
Response: 42478021
Conc: 4.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

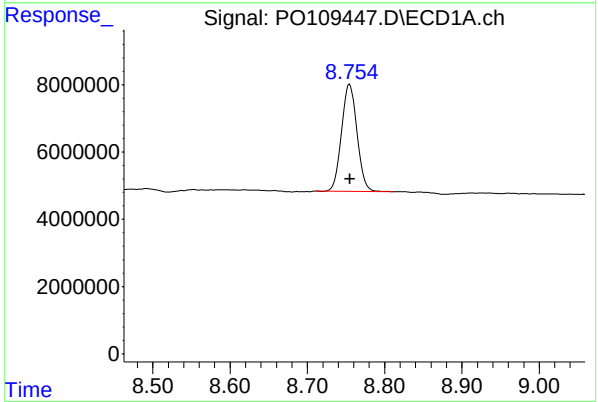
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



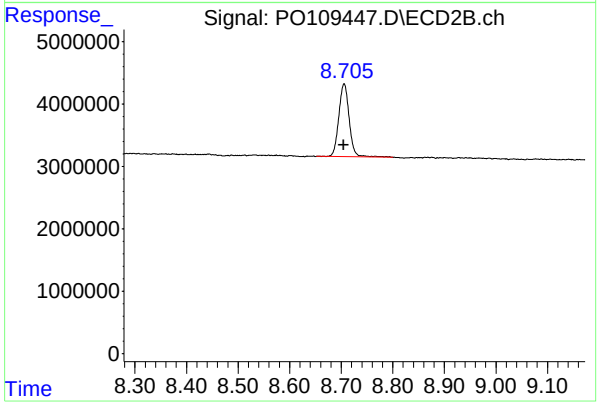
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 22408254
Conc: 4.30 ng/ml



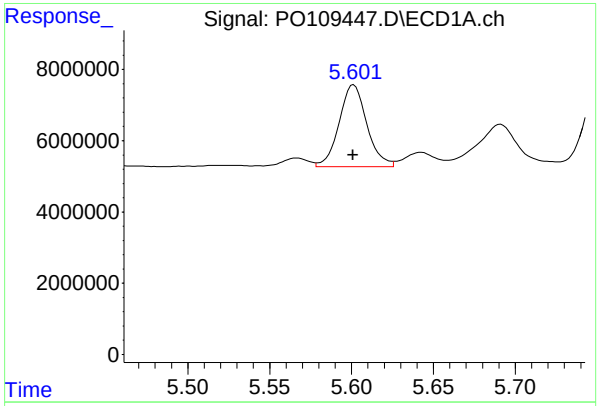
#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: 0.000 min
Response: 43911860
Conc: 5.15 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 16400189
Conc: 5.34 ng/ml



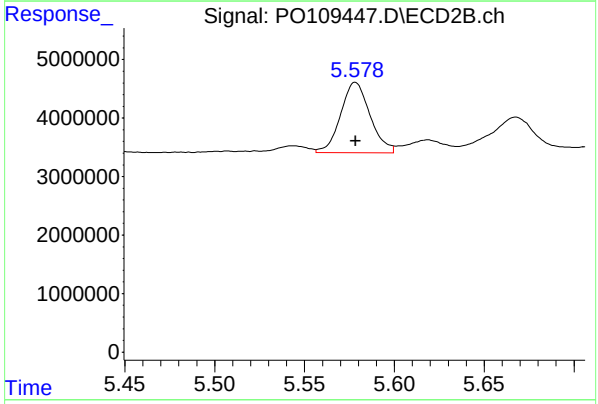
#26 AR-1254-1

R.T.: 5.601 min
Delta R.T.: 0.000 mi
Response: 27168777
Conc: 52.83 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

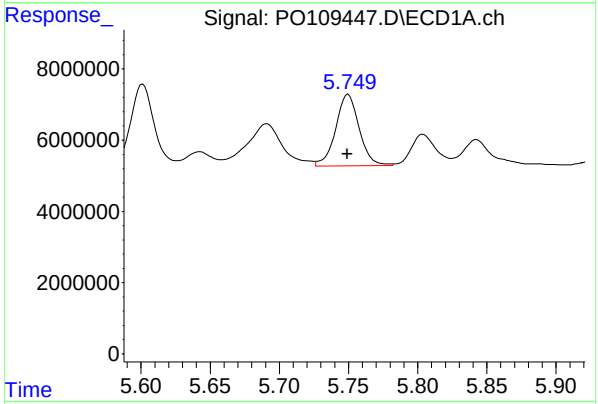
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



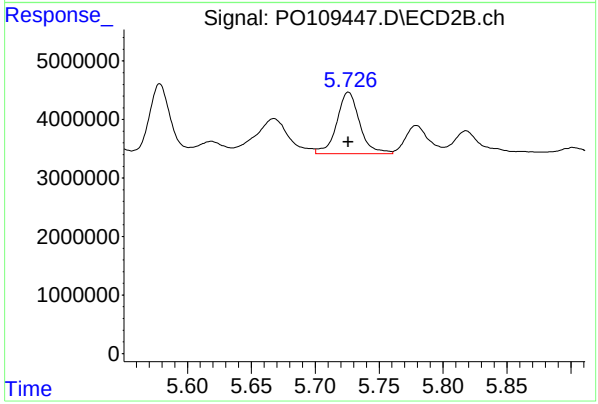
#26 AR-1254-1

R.T.: 5.578 min
Delta R.T.: 0.000 min
Response: 13670107
Conc: 52.39 ng/ml m



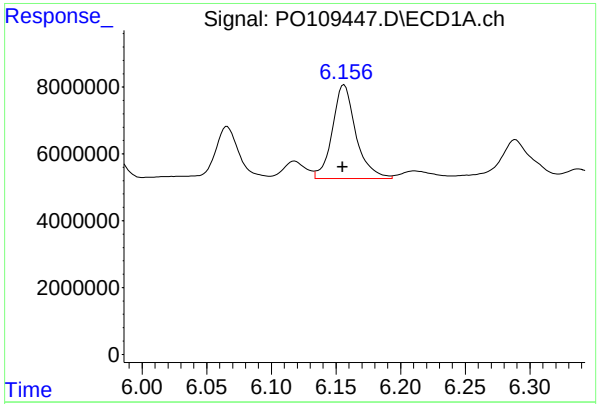
#27 AR-1254-2

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 23620321
Conc: 52.32 ng/ml m



#27 AR-1254-2

R.T.: 5.726 min
Delta R.T.: 0.000 min
Response: 13084376
Conc: 56.72 ng/ml m



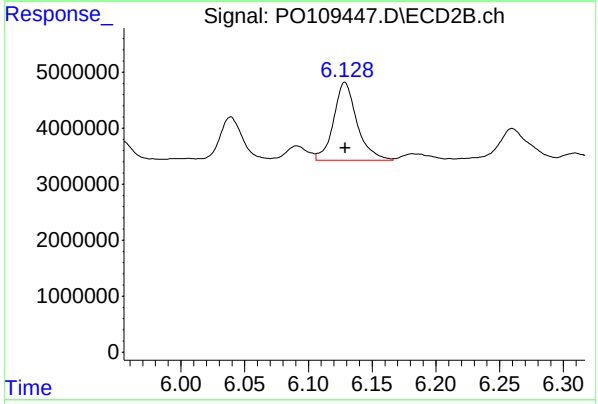
#28 AR-1254-3

R.T.: 6.156 min
Delta R.T.: 0.000 min
Response: 35558931
Conc: 49.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

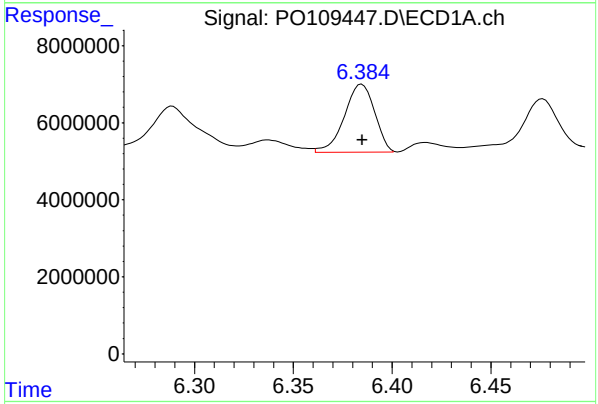
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



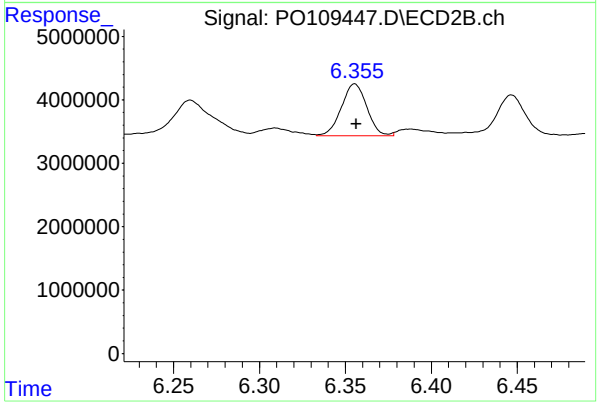
#28 AR-1254-3

R.T.: 6.128 min
Delta R.T.: 0.000 min
Response: 17874982
Conc: 49.52 ng/ml m



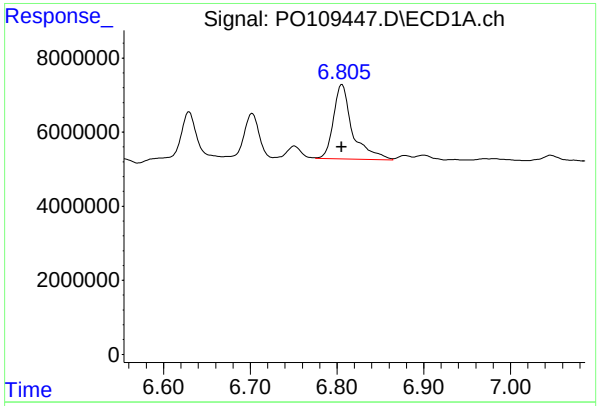
#29 AR-1254-4

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 18803102
Conc: 43.86 ng/ml m



#29 AR-1254-4

R.T.: 6.355 min
Delta R.T.: -0.001 min
Response: 8443949
Conc: 42.27 ng/ml m



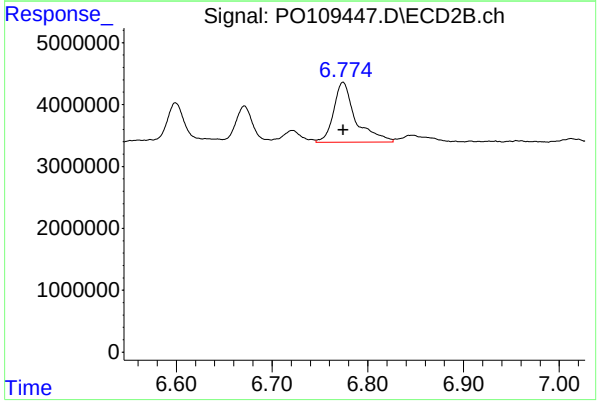
#30 AR-1254-5

R.T.: 6.806 min
Delta R.T.: 0.000 min
Response: 30890950
Conc: 48.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



#30 AR-1254-5

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 15538233
Conc: 52.43 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109448.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 23:30
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: Feb 21 04:11:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:05:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.697	3.693	478.0E6	256.6E6	50.000	50.000
2)	SA Decachlor...	8.754	8.705	414.0E6	151.0E6	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	6.845	6.814	332.9E6	158.6E6	500.000	500.000
37)	L8 AR-1262-2	7.346	7.313	564.9E6	249.3E6	500.000	500.000
38)	L8 AR-1262-3	7.632	7.597	224.1E6	98127525	500.000	500.000
39)	L8 AR-1262-4	7.696	7.661	414.6E6	177.4E6	500.000	500.000
40)	L8 AR-1262-5	8.193	8.154	186.7E6	71568799	500.000	500.000

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

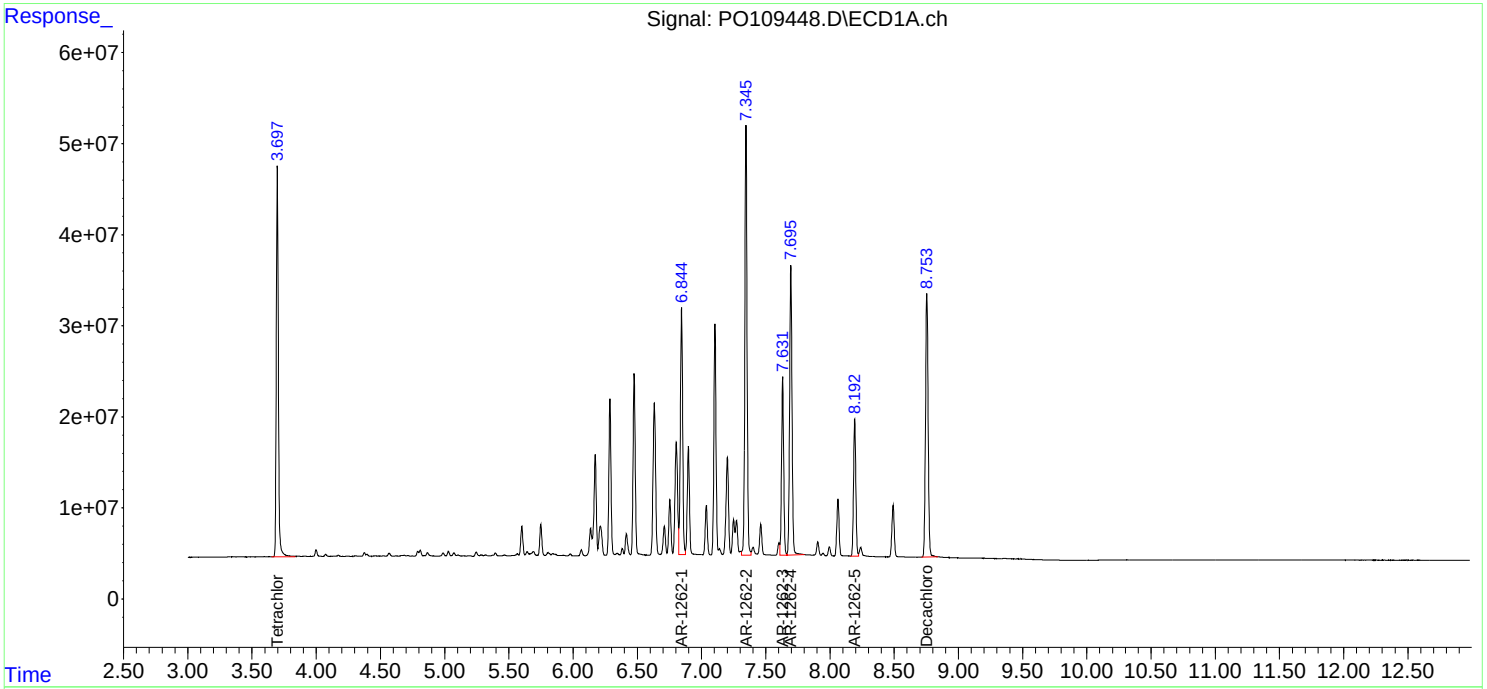
ICAL Form

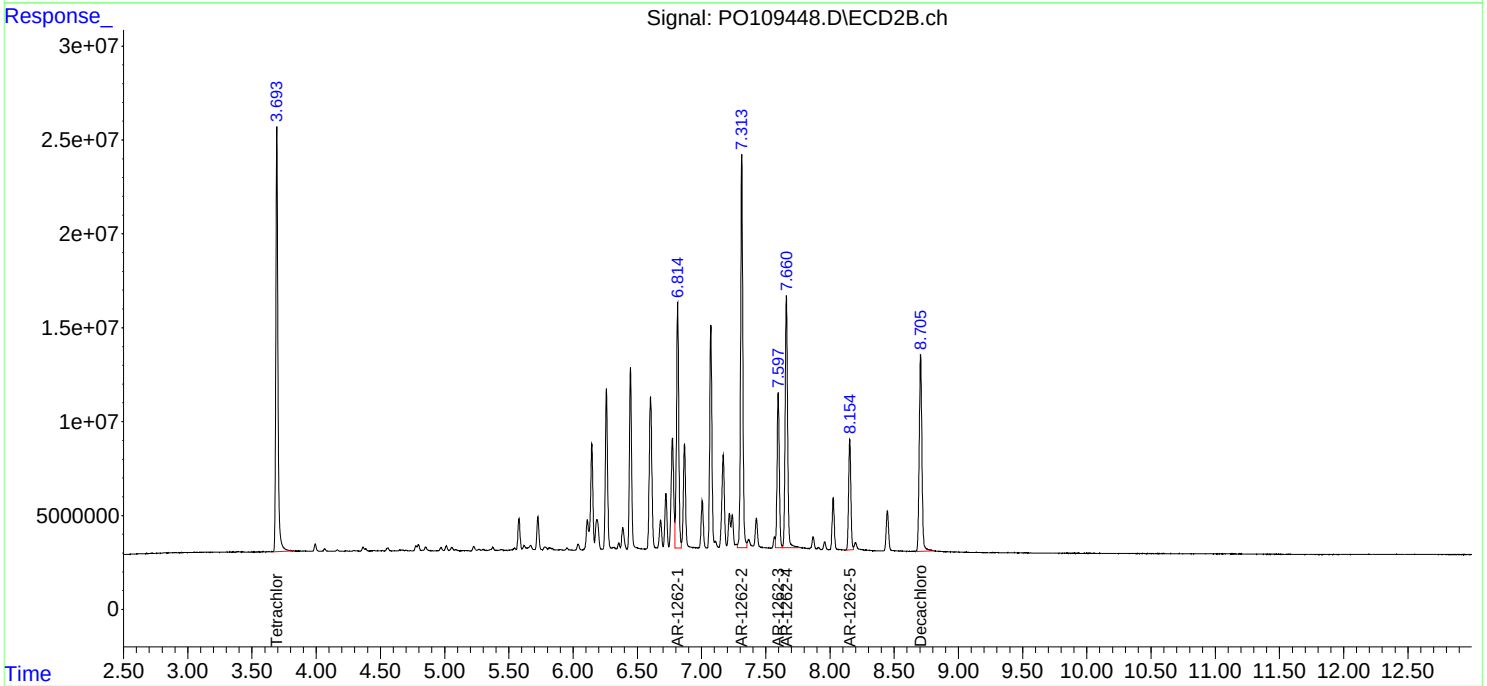
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109448.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 23:30
Operator : YP/AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

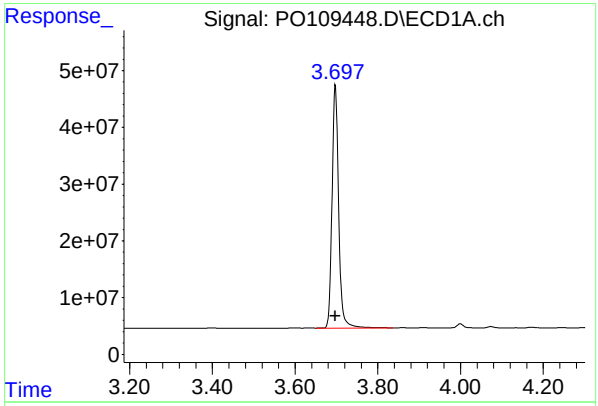
Instrument :
ECD_O
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:11:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:05:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



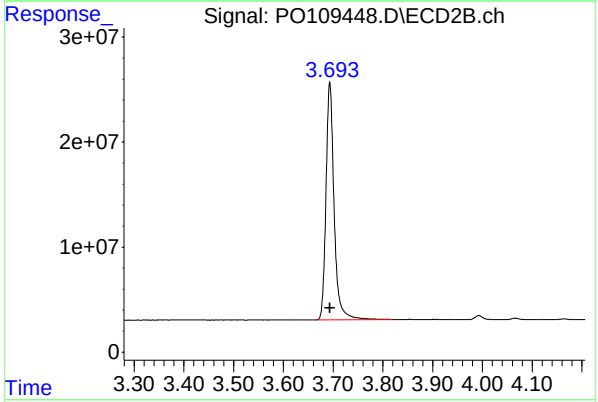




#1 Tetrachloro-m-xylene

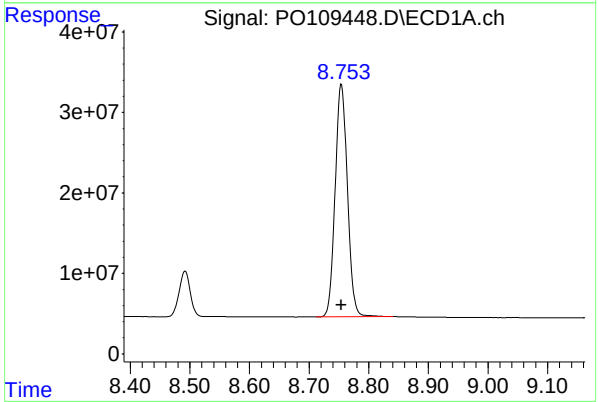
R.T.: 3.697 min
Delta R.T.: 0.000 min
Response: 477994792
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



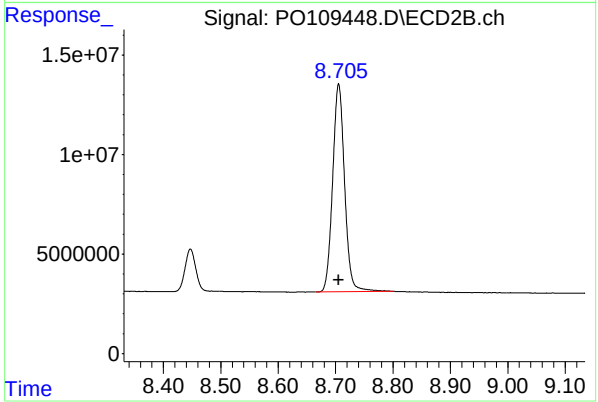
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 256570070
Conc: 50.00 ng/ml



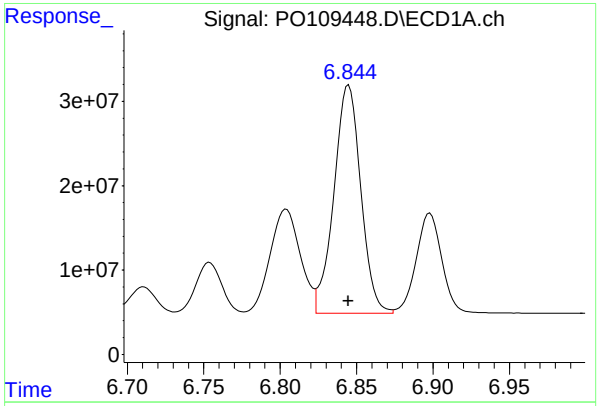
#2 Decachlorobiphenyl

R.T.: 8.754 min
Delta R.T.: 0.000 min
Response: 413952156
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

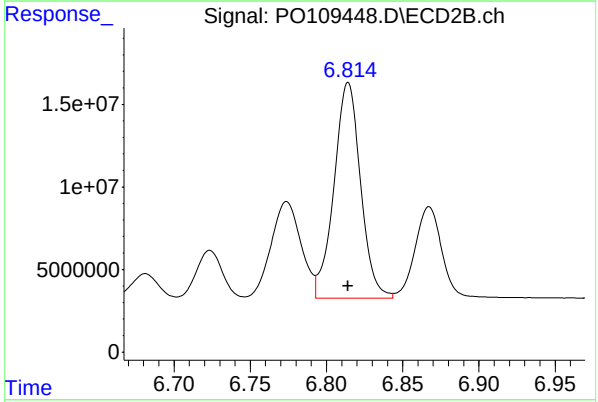
R.T.: 8.705 min
Delta R.T.: 0.000 min
Response: 150979071
Conc: 50.00 ng/ml



#36 AR-1262-1

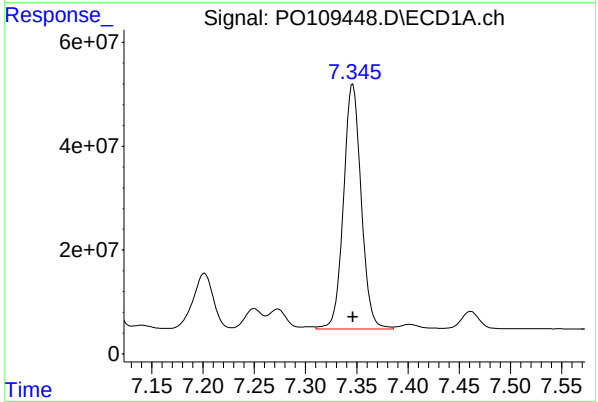
R.T.: 6.845 min
Delta R.T.: 0.000 min
Response: 332921455
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



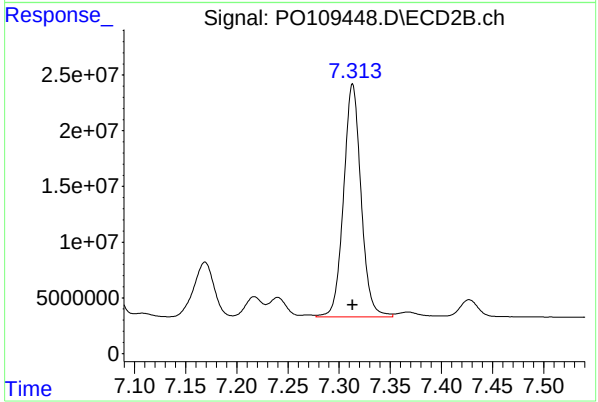
#36 AR-1262-1

R.T.: 6.814 min
Delta R.T.: 0.000 min
Response: 158605917
Conc: 500.00 ng/ml



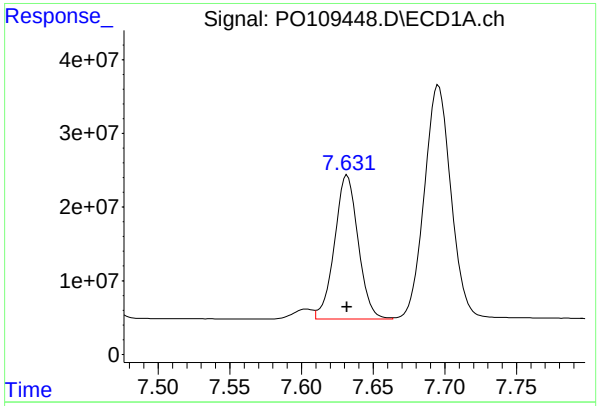
#37 AR-1262-2

R.T.: 7.346 min
Delta R.T.: 0.000 min
Response: 564861797
Conc: 500.00 ng/ml



#37 AR-1262-2

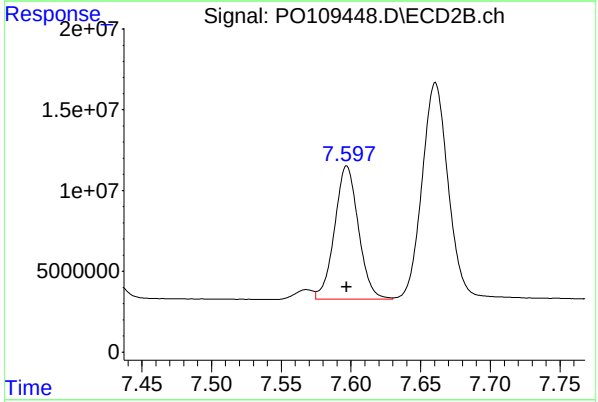
R.T.: 7.313 min
Delta R.T.: 0.000 min
Response: 249310202
Conc: 500.00 ng/ml



#38 AR-1262-3

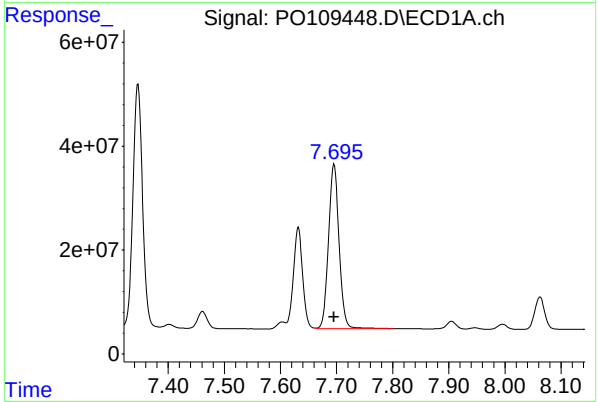
R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 224131563
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



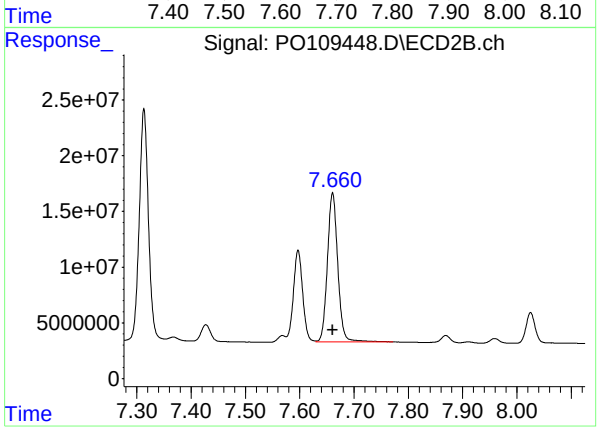
#38 AR-1262-3

R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 98127525
Conc: 500.00 ng/ml



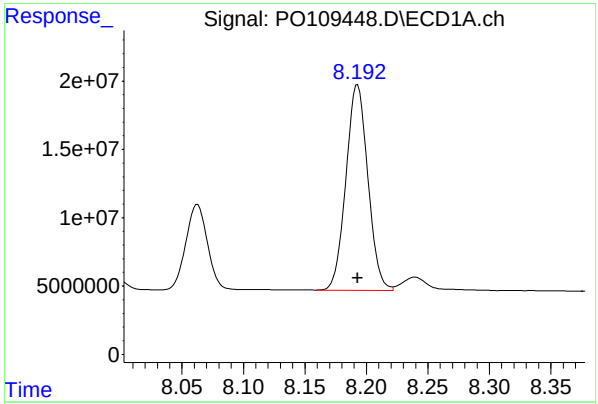
#39 AR-1262-4

R.T.: 7.696 min
Delta R.T.: 0.000 min
Response: 414604534
Conc: 500.00 ng/ml



#39 AR-1262-4

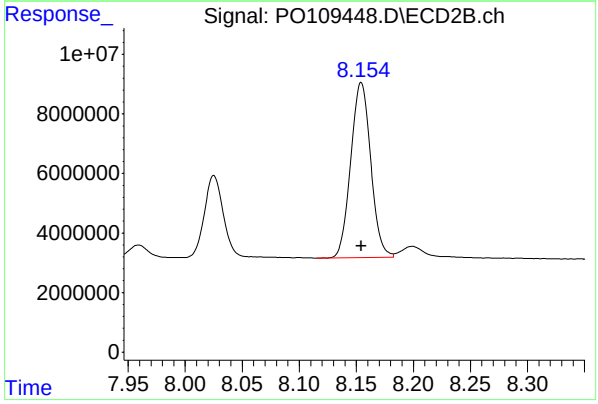
R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 177444501
Conc: 500.00 ng/ml



#40 AR-1262-5

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 186664647
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



#40 AR-1262-5

R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 71568799
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109449.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 23:48
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: Feb 21 04:17:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:14:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.697	3.694	965.3E6	526.7E6	96.981	98.845
2)	SA Decachlor...	8.755	8.706	1414.8E6	495.1E6	97.758	96.622
	Target Compounds						
41)	L9 AR-1268-1	7.633	7.597	1298.9E6	554.1E6	985.386	982.199
42)	L9 AR-1268-2	7.697	7.662	1196.3E6	512.6E6	990.433	984.000
43)	L9 AR-1268-3	7.906	7.869	1000.4E6	413.6E6	987.744	983.635
44)	L9 AR-1268-4	8.193	8.153	407.5E6	153.7E6	969.568	942.671
45)	L9 AR-1268-5	8.493	8.447	3060.4E6	1087.2E6	1007.828	1001.290

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

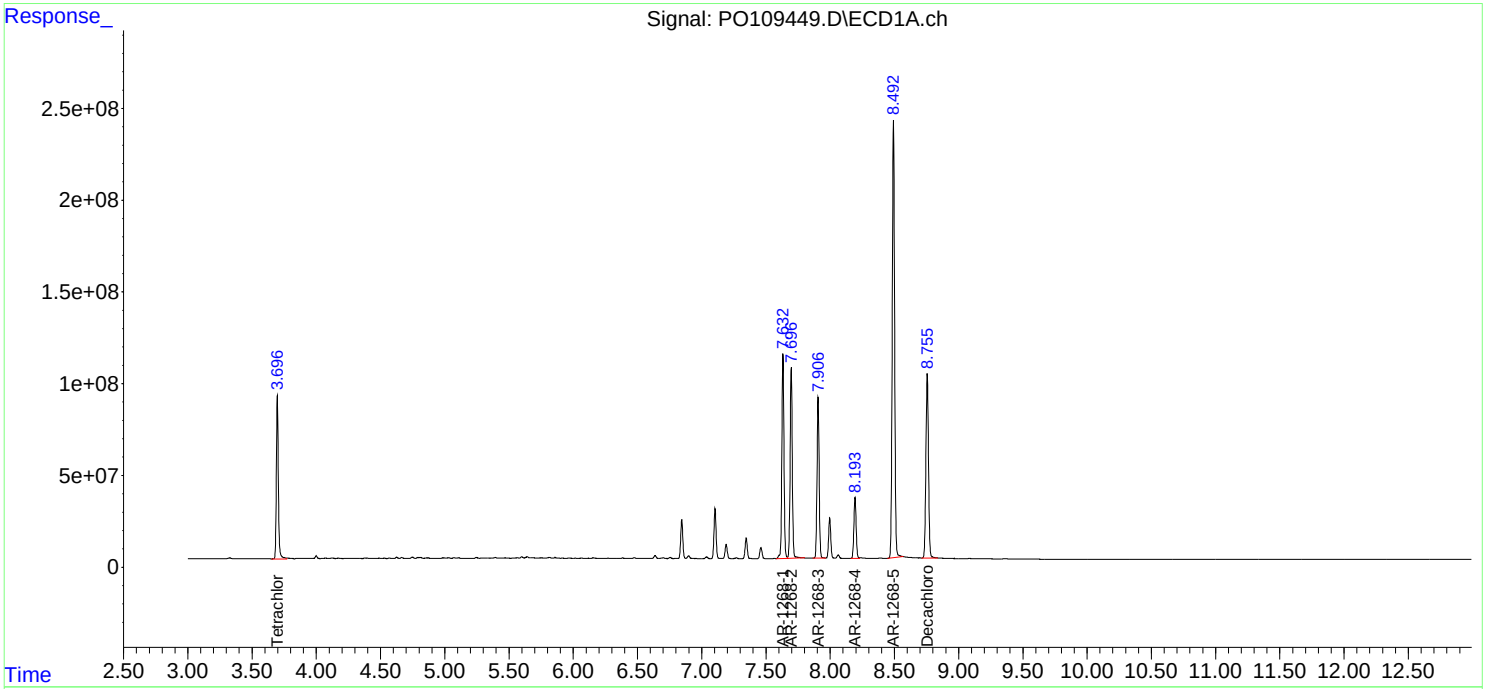
ICAL Form

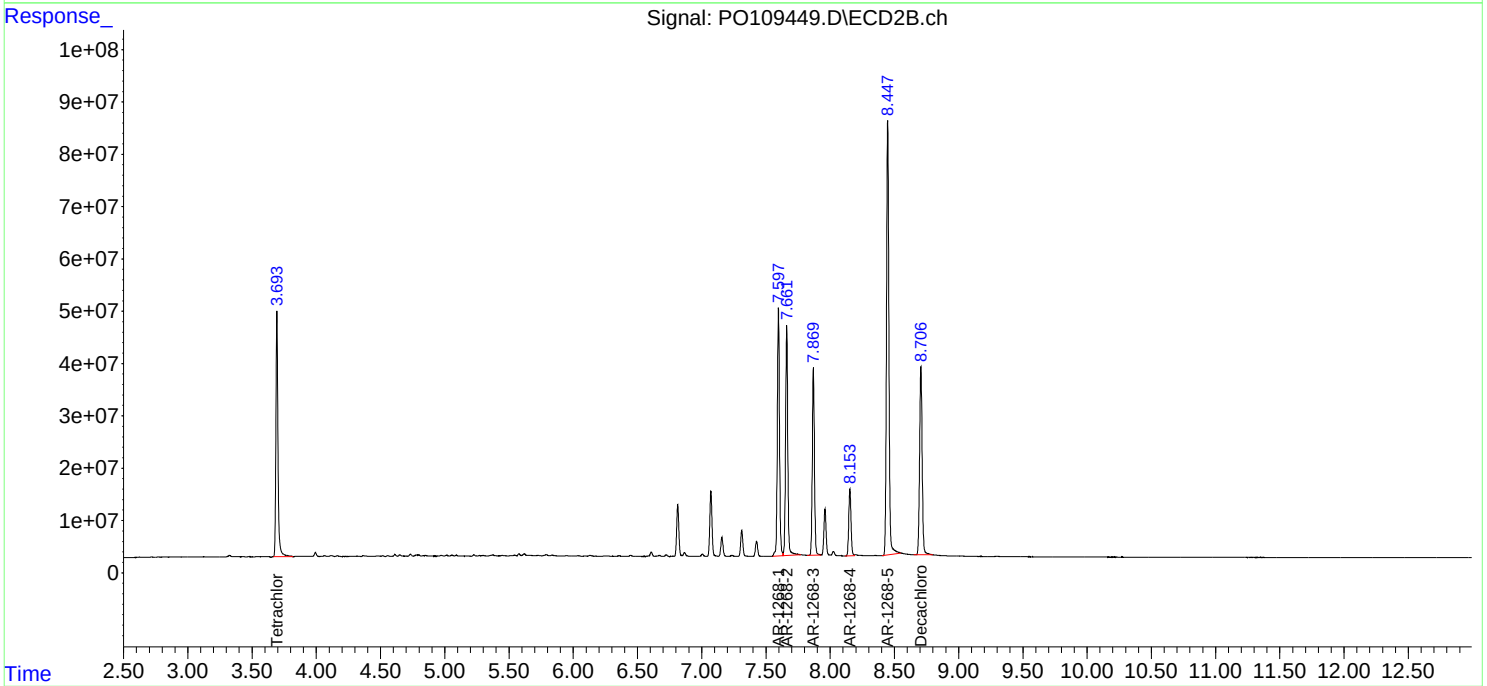
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109449.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 23:48
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

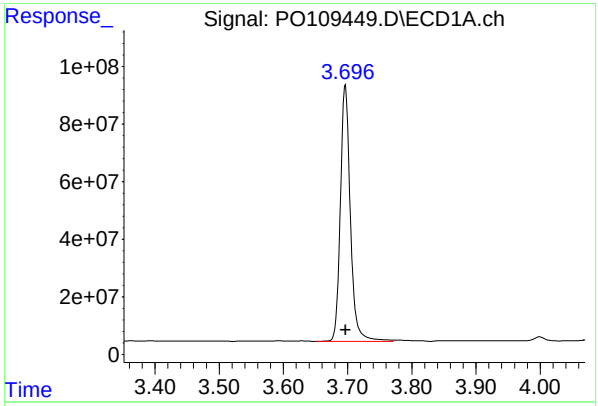
Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:17:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:14:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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



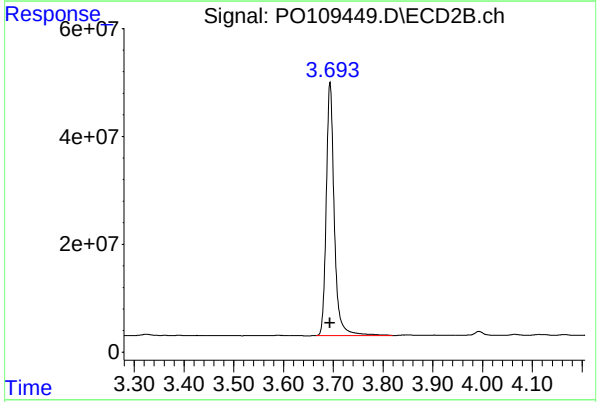




#1 Tetrachloro-m-xylene

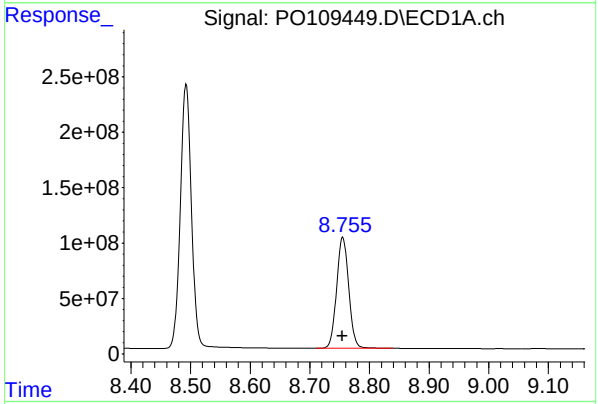
R.T.: 3.697 min
Delta R.T.: 0.000 min
Response: 965263002
Conc: 96.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



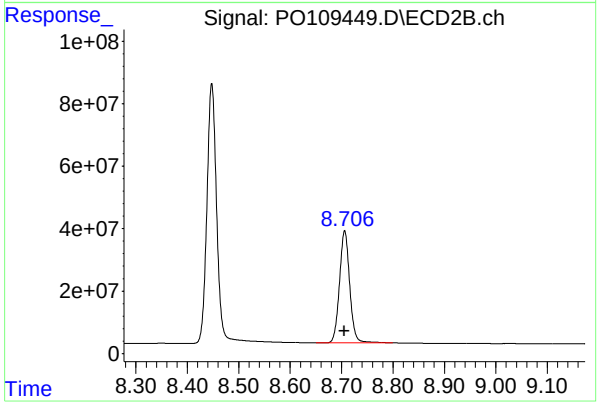
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 526681614
Conc: 98.85 ng/ml



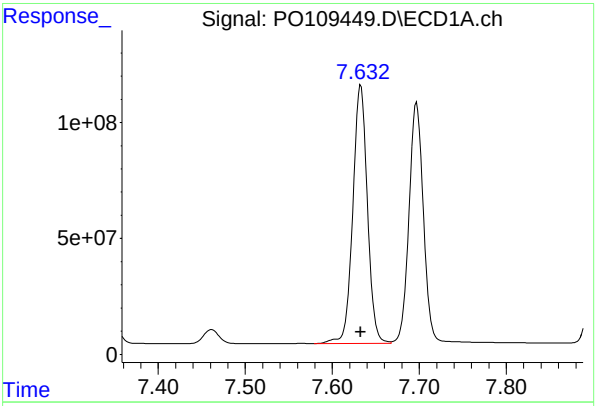
#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: 0.000 min
Response: 1414764289
Conc: 97.76 ng/ml



#2 Decachlorobiphenyl

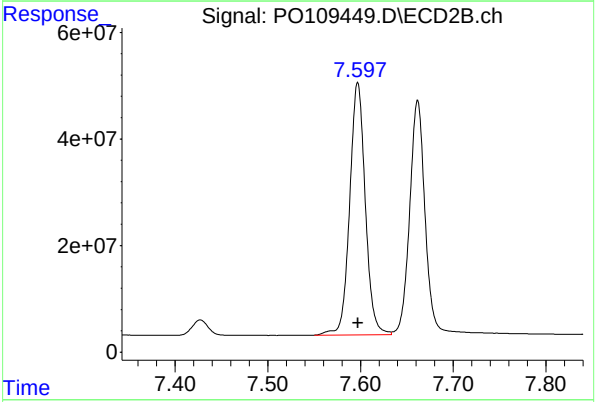
R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 495083575
Conc: 96.62 ng/ml



#41 AR-1268-1

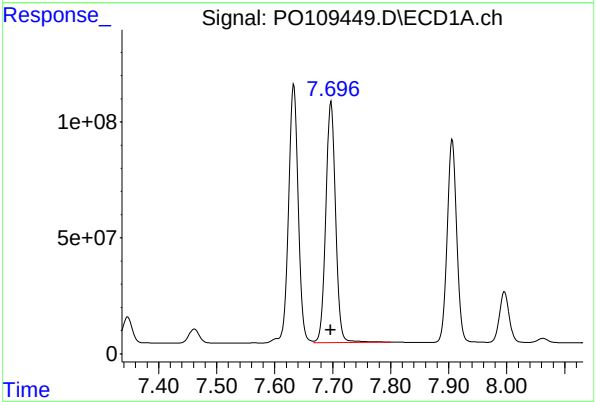
R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 1298860853
Conc: 985.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



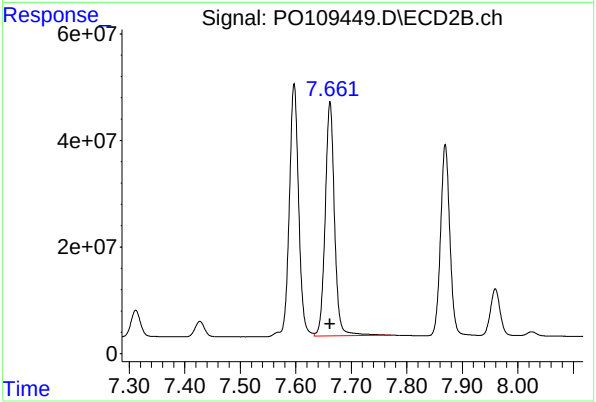
#41 AR-1268-1

R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 554131487
Conc: 982.20 ng/ml



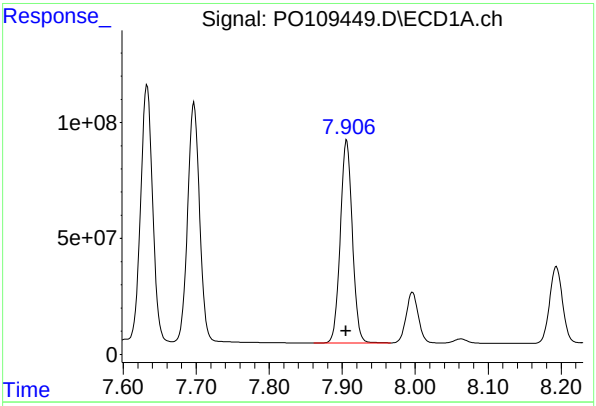
#42 AR-1268-2

R.T.: 7.697 min
Delta R.T.: 0.000 min
Response: 1196326079
Conc: 990.43 ng/ml



#42 AR-1268-2

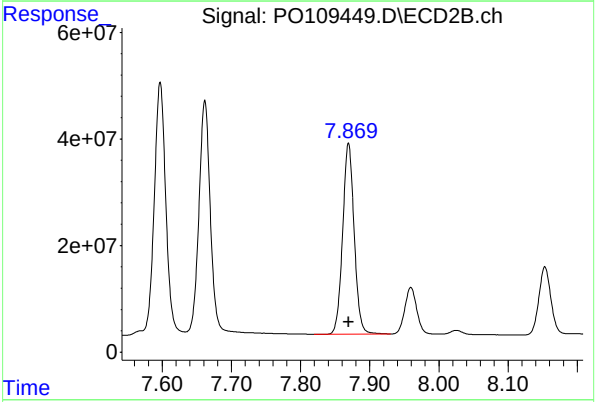
R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 512614105
Conc: 984.00 ng/ml



#43 AR-1268-3

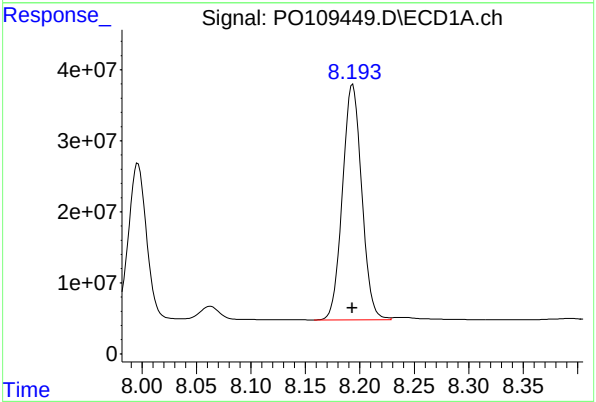
R.T.: 7.906 min
Delta R.T.: 0.000 min
Response: 1000400149
Conc: 987.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



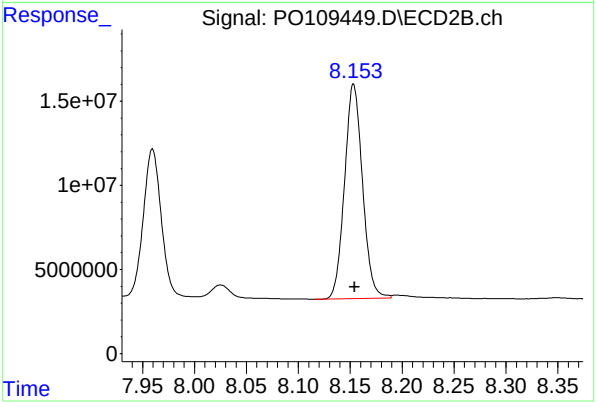
#43 AR-1268-3

R.T.: 7.869 min
Delta R.T.: 0.000 min
Response: 413643589
Conc: 983.63 ng/ml



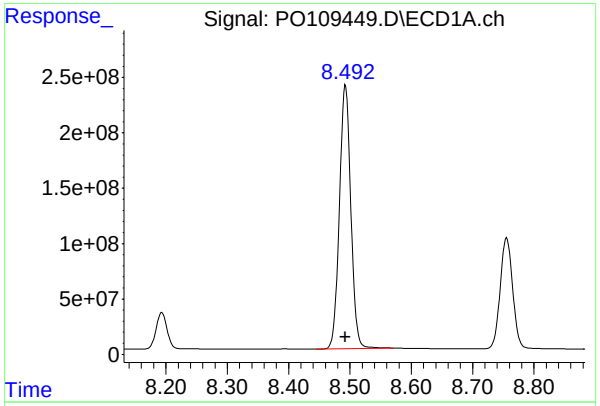
#44 AR-1268-4

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 407507962
Conc: 969.57 ng/ml



#44 AR-1268-4

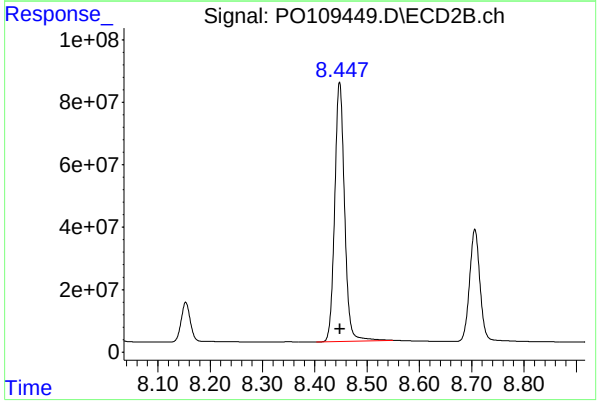
R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 153729603
Conc: 942.67 ng/ml



#45 AR-1268-5

R.T.: 8.493 min
Delta R.T.: 0.000 mi
Response: 3060378797
Conc: 1007.83 ng/

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



#45 AR-1268-5

R.T.: 8.447 min
Delta R.T.: 0.000 min
Response: 1087226853
Conc: 1001.29 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109450.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:07
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: Feb 21 04:17:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:14:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.697	3.693	735.0E6	395.3E6	73.842	74.195
2)	SA Decachlor...	8.755	8.705	1059.4E6	373.0E6	73.204	72.789
	Target Compounds						
41)	L9 AR-1268-1	7.632	7.597	970.5E6	415.4E6	736.275	736.222
42)	L9 AR-1268-2	7.697	7.661	892.1E6	383.3E6	738.582	735.790
43)	L9 AR-1268-3	7.905	7.870	749.2E6	309.4E6	739.726	735.808
44)	L9 AR-1268-4	8.193	8.153	306.7E6	116.3E6	729.785	712.986
45)	L9 AR-1268-5	8.492	8.447	2260.0E6	808.5E6	744.267	744.582

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

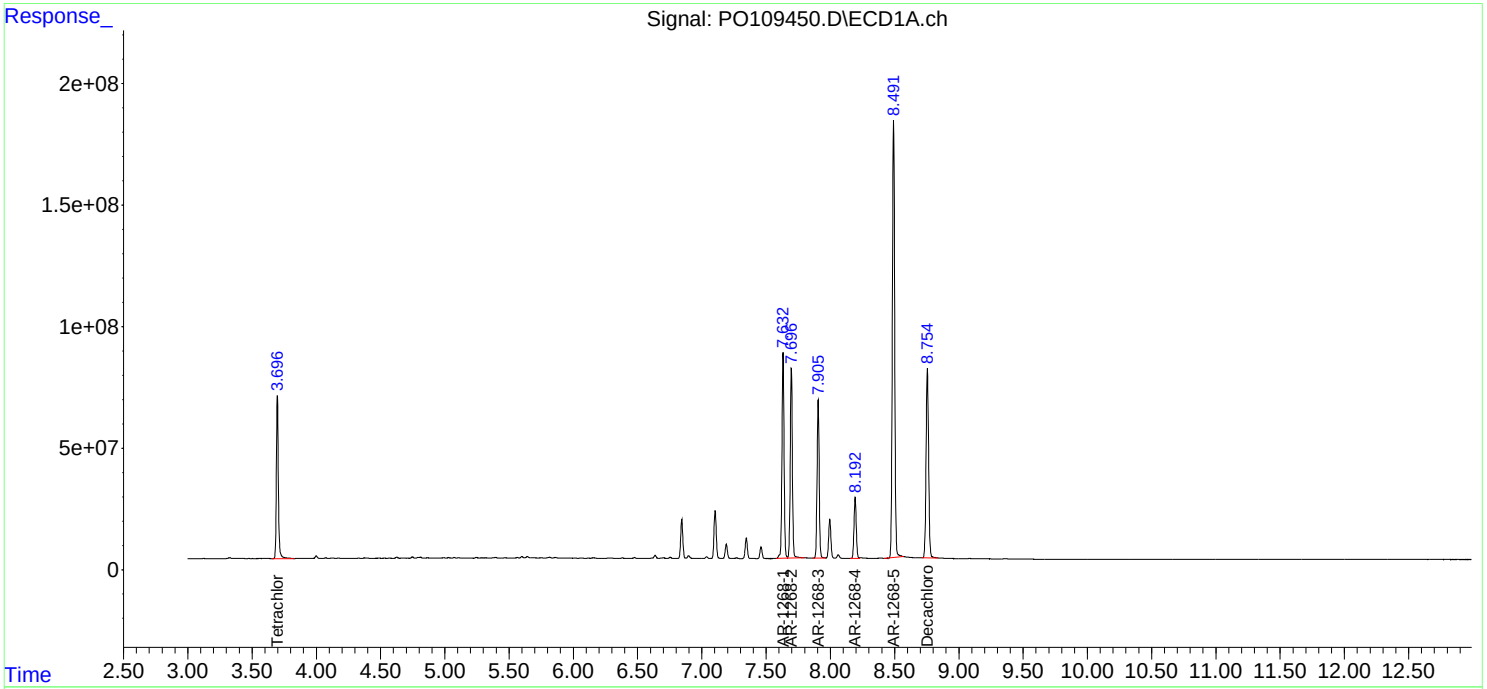
ICAL Form

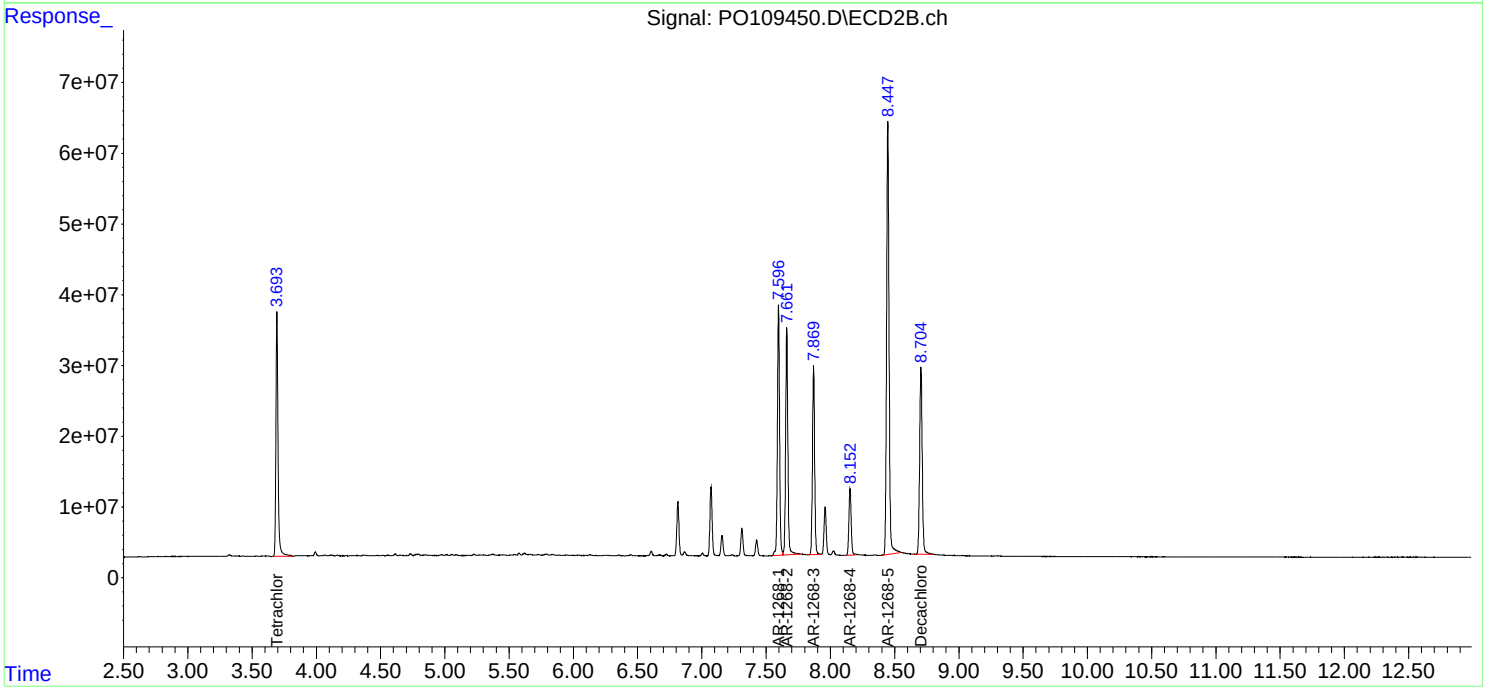
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109450.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:07
Operator : YP/AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

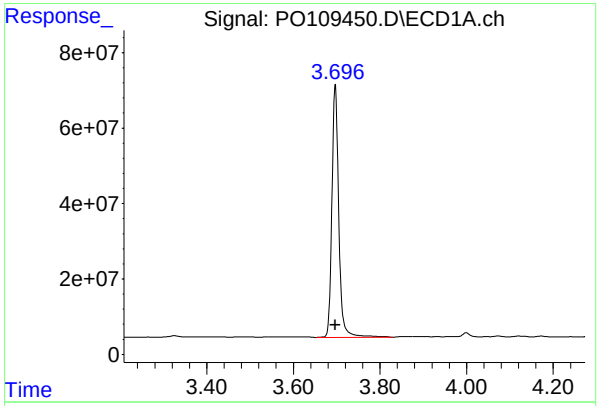
Instrument :
ECD_O
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:17:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:14:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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



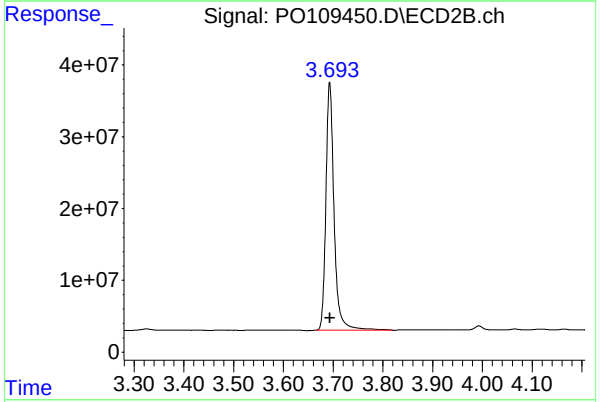




#1 Tetrachloro-m-xylene

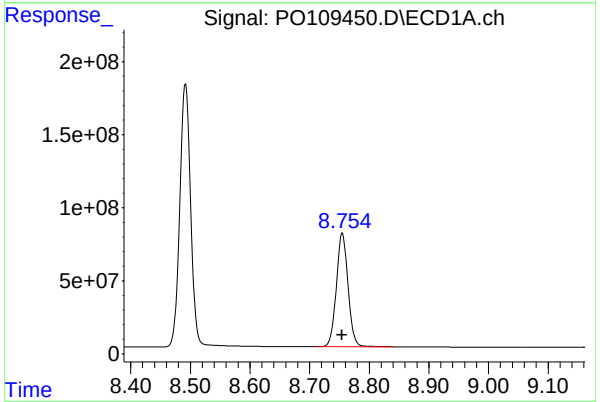
R.T.: 3.697 min
Delta R.T.: 0.000 min
Response: 734954112
Conc: 73.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



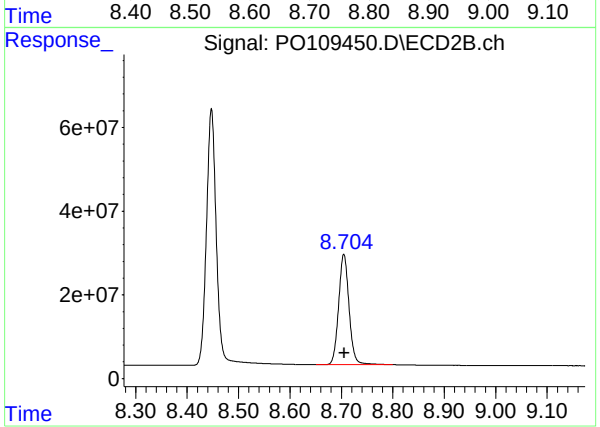
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 395334582
Conc: 74.19 ng/ml



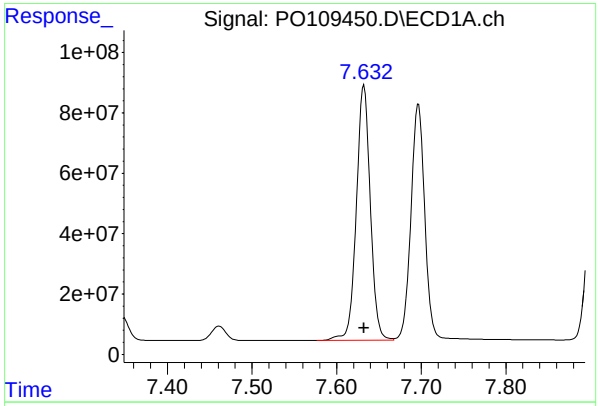
#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: 0.000 min
Response: 1059423838
Conc: 73.20 ng/ml



#2 Decachlorobiphenyl

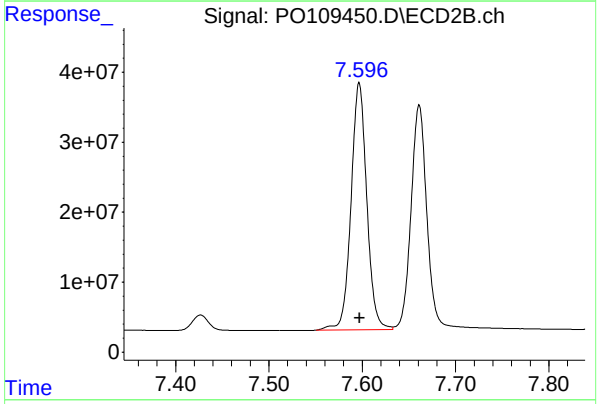
R.T.: 8.705 min
Delta R.T.: 0.000 min
Response: 372964003
Conc: 72.79 ng/ml



#41 AR-1268-1

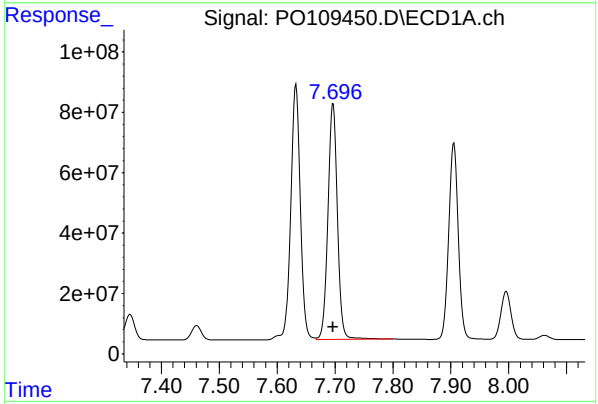
R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 970501922
Conc: 736.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



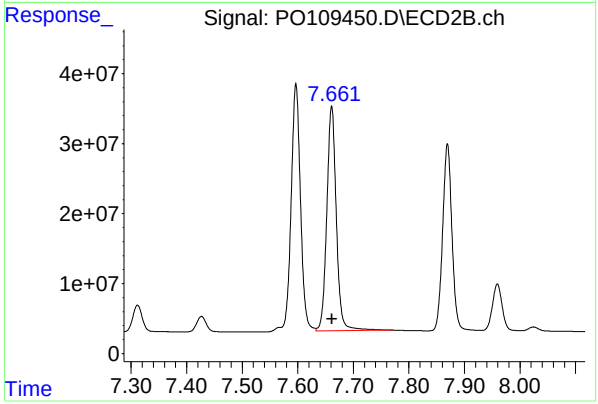
#41 AR-1268-1

R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 415357746
Conc: 736.22 ng/ml



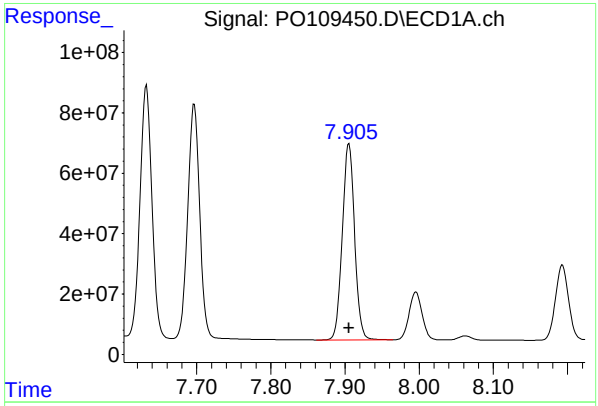
#42 AR-1268-2

R.T.: 7.697 min
Delta R.T.: 0.000 min
Response: 892119620
Conc: 738.58 ng/ml



#42 AR-1268-2

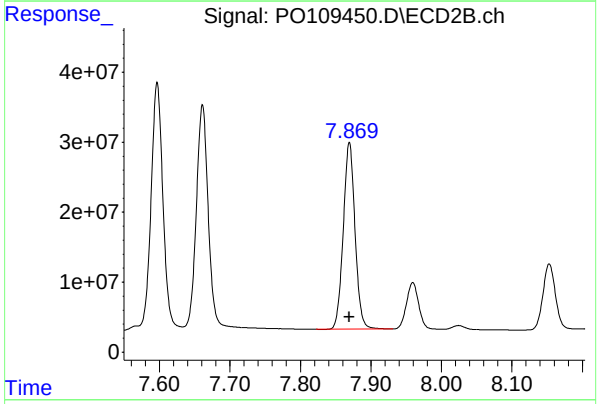
R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 383309442
Conc: 735.79 ng/ml



#43 AR-1268-3

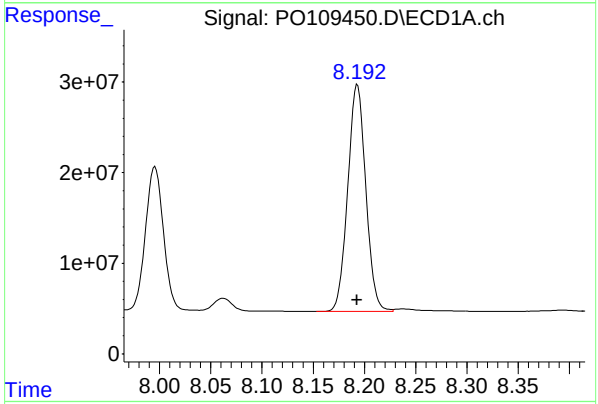
R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 749204336
Conc: 739.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



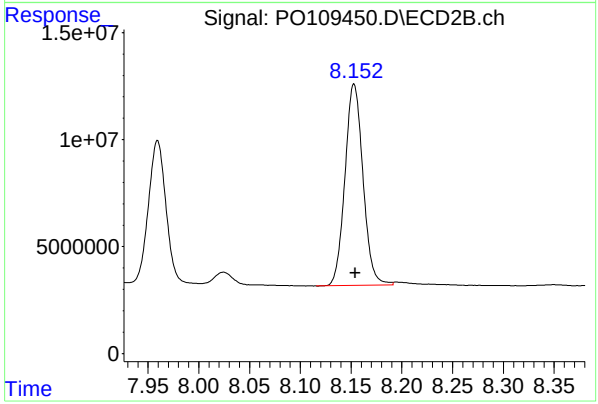
#43 AR-1268-3

R.T.: 7.870 min
Delta R.T.: 0.000 min
Response: 309425949
Conc: 735.81 ng/ml



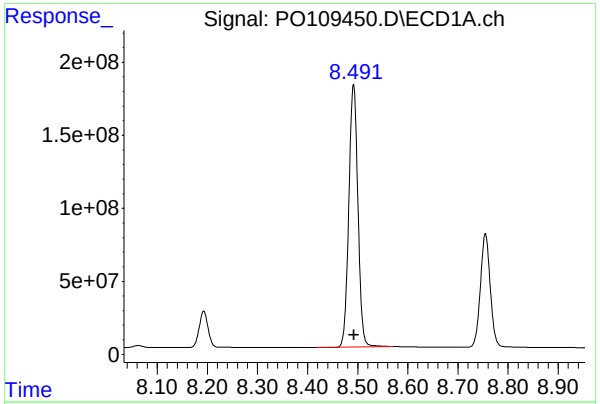
#44 AR-1268-4

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 306727329
Conc: 729.78 ng/ml



#44 AR-1268-4

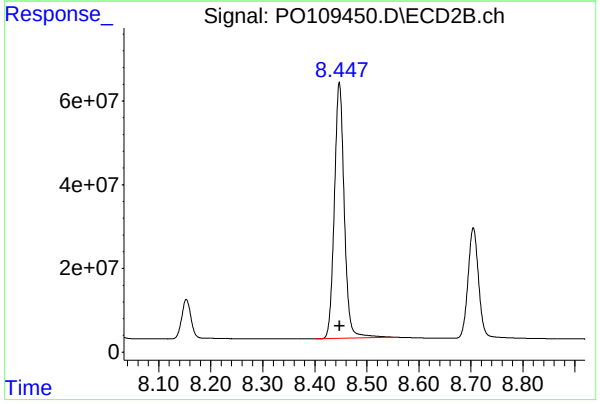
R.T.: 8.153 min
Delta R.T.: -0.001 min
Response: 116272933
Conc: 712.99 ng/ml



#45 AR-1268-5

R.T.: 8.492 min
Delta R.T.: 0.000 min
Response: 2260047854
Conc: 744.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



#45 AR-1268-5

R.T.: 8.447 min
Delta R.T.: 0.000 min
Response: 808486655
Conc: 744.58 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109451.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:25
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: Feb 21 04:17:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:14:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.697	3.693	497.7E6	266.4E6	50.000	50.000
2)	SA Decachlor...	8.754	8.705	723.6E6	256.2E6	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	7.632	7.597	659.1E6	282.1E6	500.000	500.000
42)	L9 AR-1268-2	7.696	7.662	603.9E6	260.5E6	500.000	500.000
43)	L9 AR-1268-3	7.905	7.870	506.4E6	210.3E6	500.000	500.000
44)	L9 AR-1268-4	8.193	8.154	210.1E6	81539410	500.000	500.000
45)	L9 AR-1268-5	8.492	8.448	1518.3E6	542.9E6	500.000	500.000

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

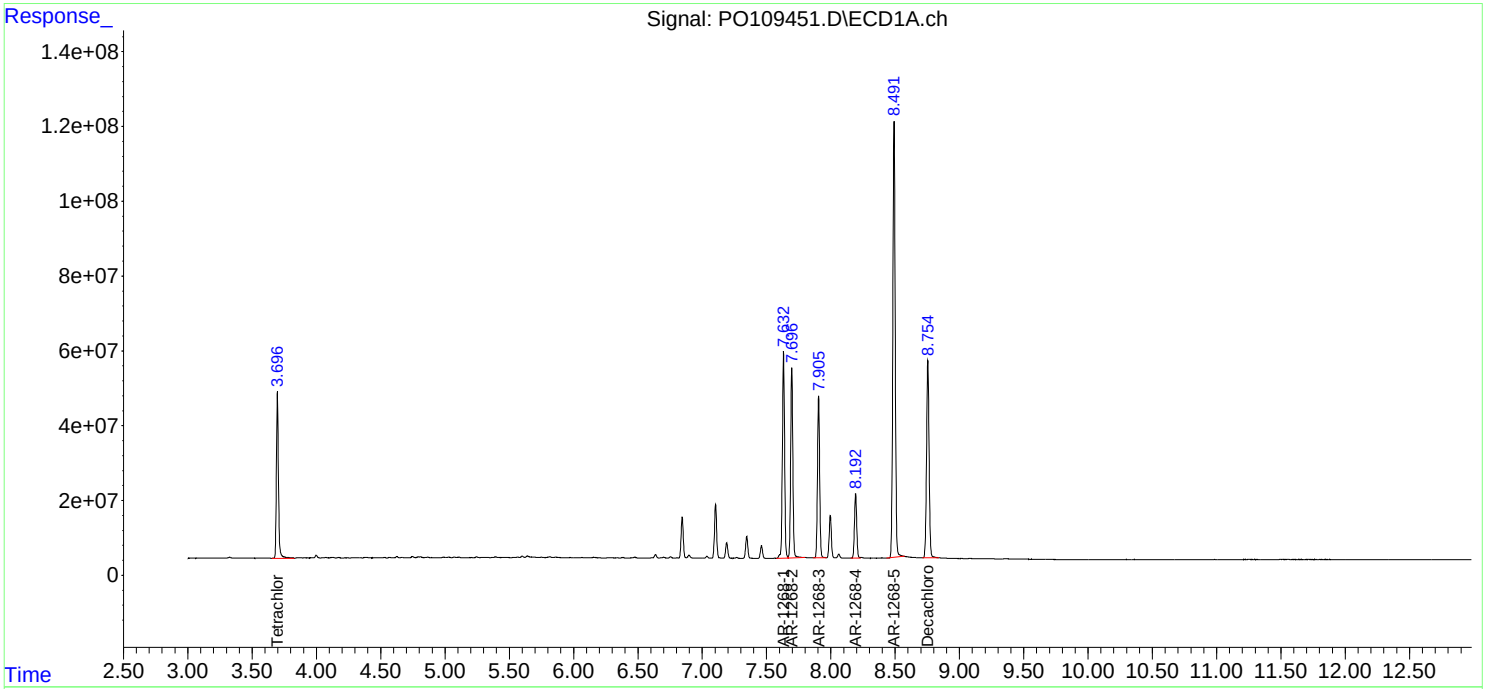
ICAL Form

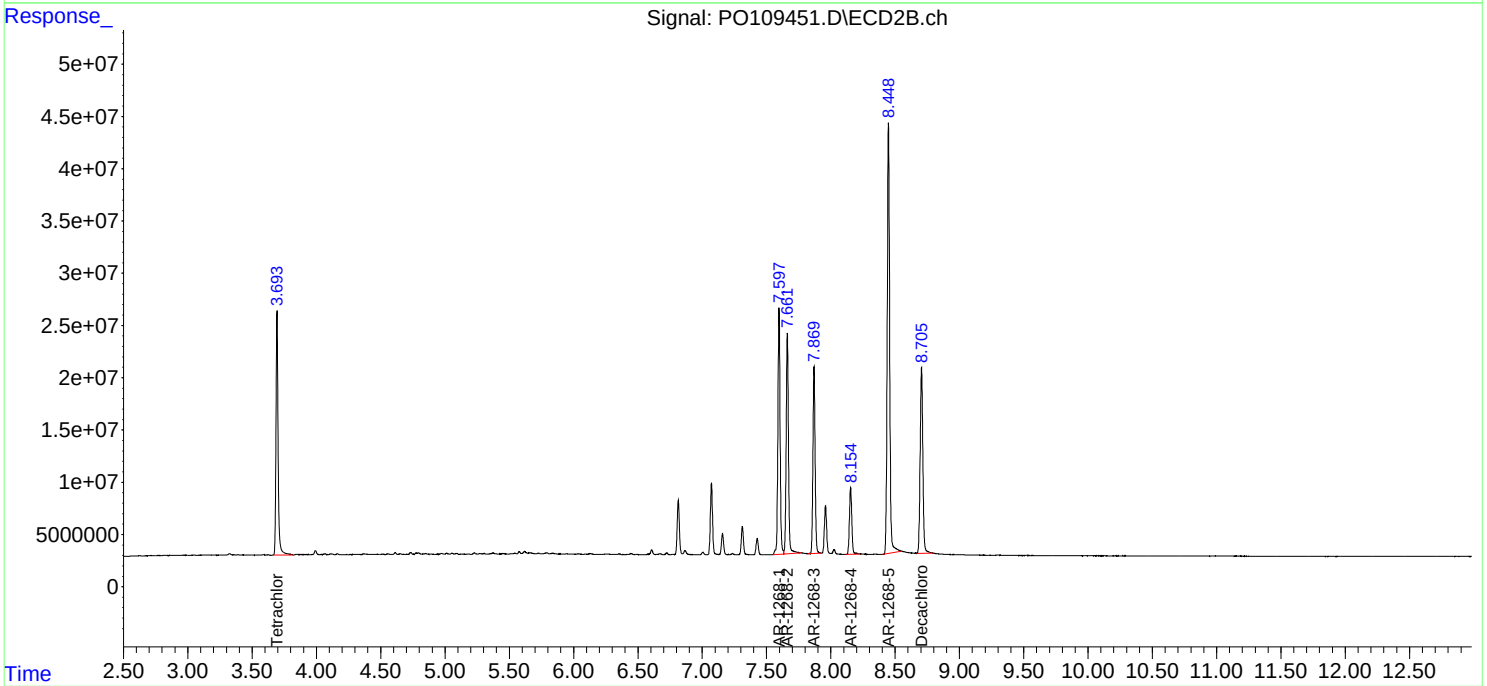
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109451.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:25
Operator : YP/AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

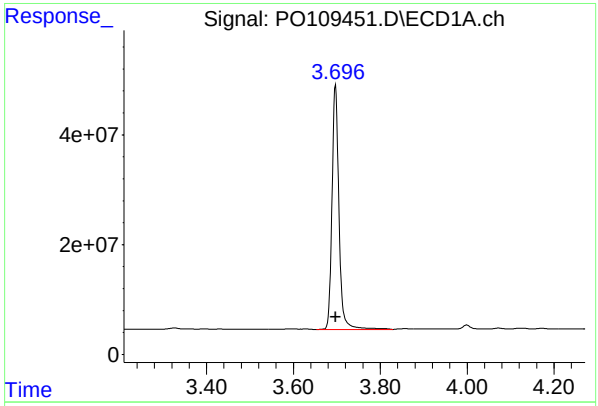
Instrument :
ECD_O
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:17:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:14:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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



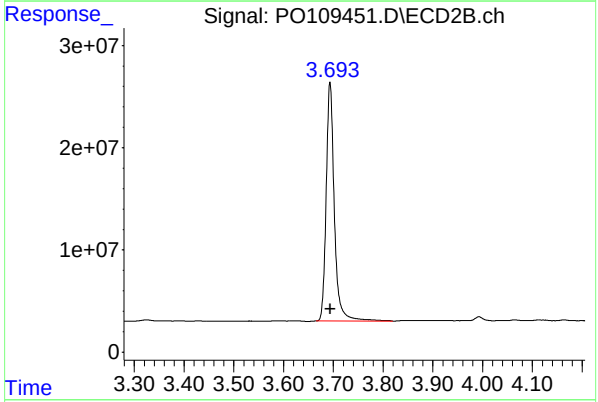




#1 Tetrachloro-m-xylene

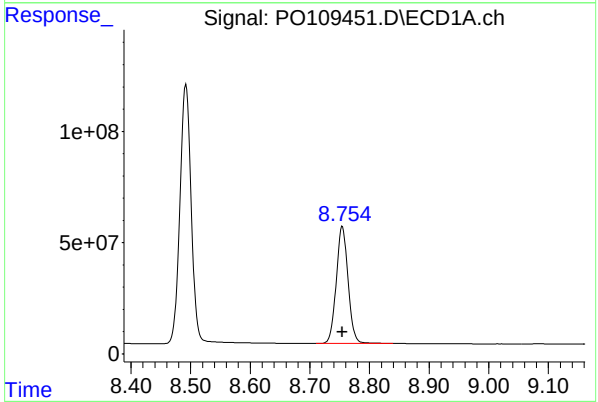
R.T.: 3.697 min
Delta R.T.: 0.000 min
Response: 497654280
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



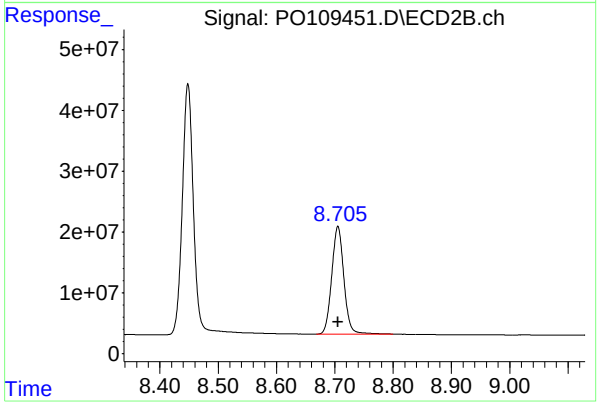
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 266417474
Conc: 50.00 ng/ml



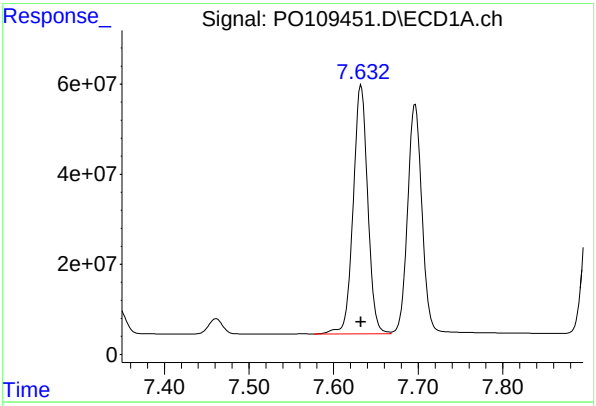
#2 Decachlorobiphenyl

R.T.: 8.754 min
Delta R.T.: 0.000 min
Response: 723605799
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

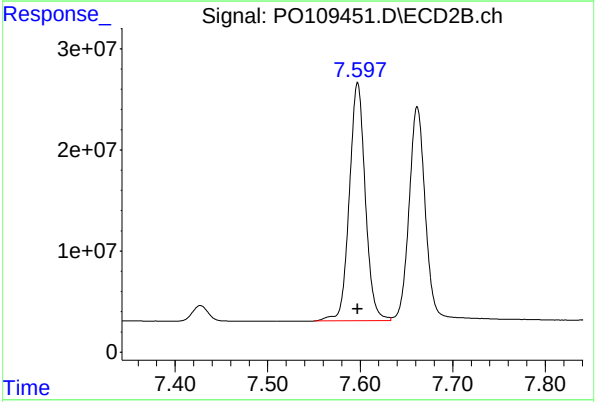
R.T.: 8.705 min
Delta R.T.: 0.000 min
Response: 256196110
Conc: 50.00 ng/ml



#41 AR-1268-1

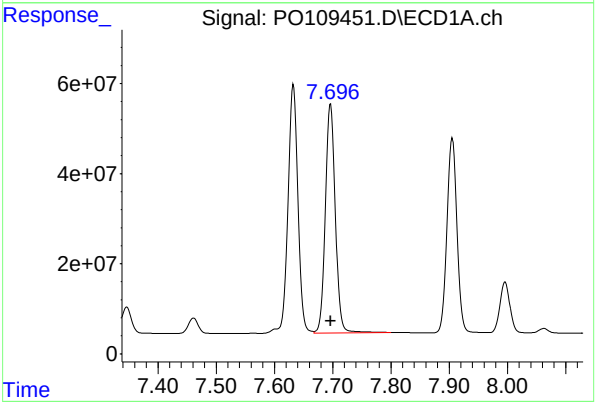
R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 659062165
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



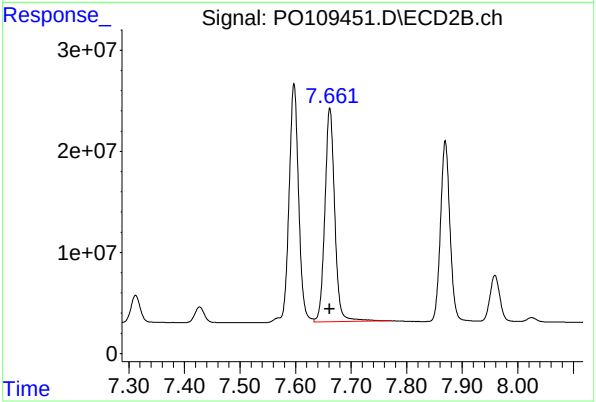
#41 AR-1268-1

R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 282087280
Conc: 500.00 ng/ml



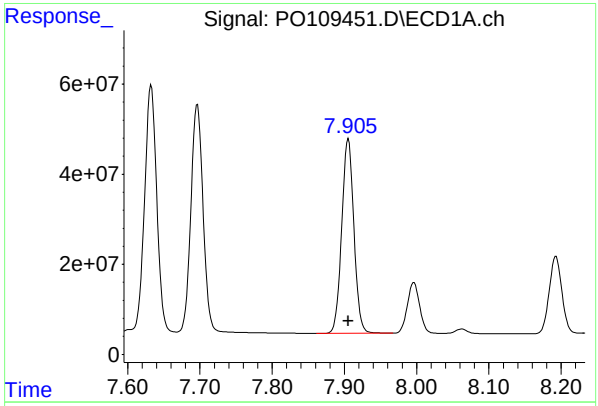
#42 AR-1268-2

R.T.: 7.696 min
Delta R.T.: 0.000 min
Response: 603940890
Conc: 500.00 ng/ml



#42 AR-1268-2

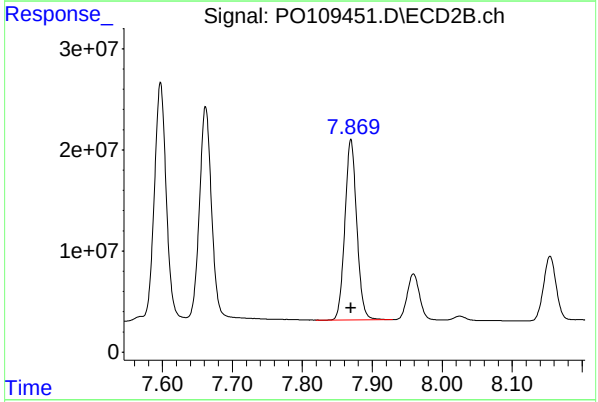
R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 260474736
Conc: 500.00 ng/ml



#43 AR-1268-3

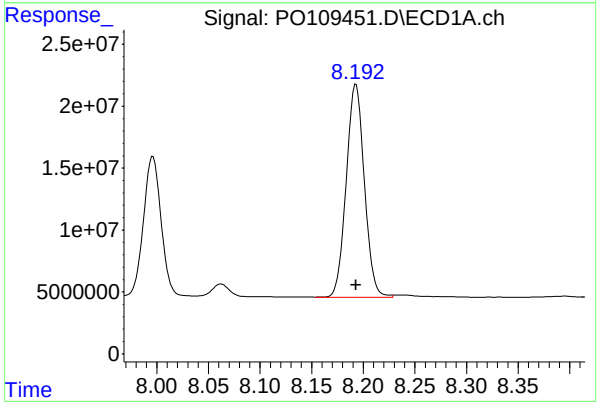
R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 506406551
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



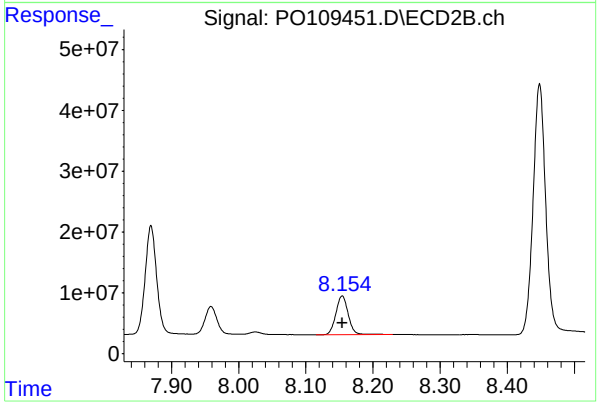
#43 AR-1268-3

R.T.: 7.870 min
Delta R.T.: 0.000 min
Response: 210262811
Conc: 500.00 ng/ml



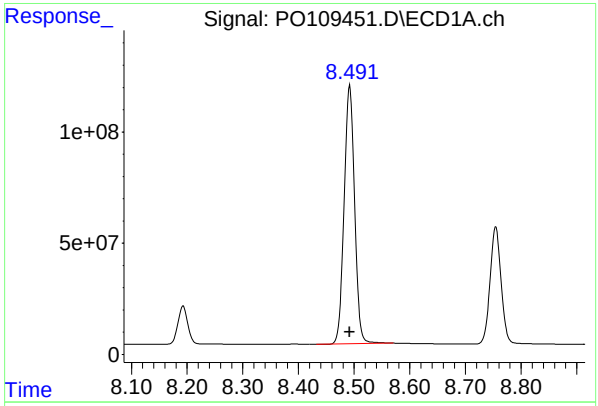
#44 AR-1268-4

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 210149211
Conc: 500.00 ng/ml



#44 AR-1268-4

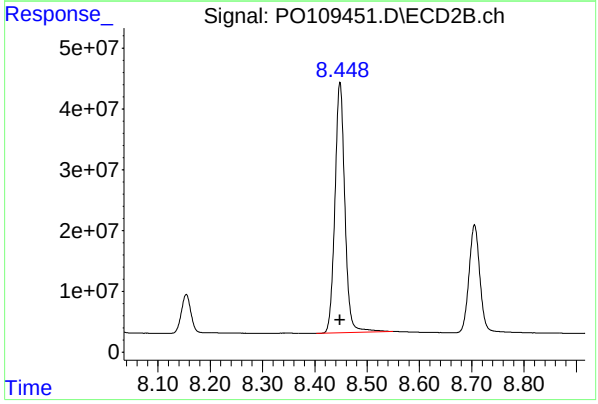
R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 81539410
Conc: 500.00 ng/ml



#45 AR-1268-5

R.T.: 8.492 min
Delta R.T.: 0.000 min
Response: 1518304561
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



#45 AR-1268-5

R.T.: 8.448 min
Delta R.T.: 0.000 min
Response: 542913079
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109452.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:43
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: Feb 21 04:17:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:14:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.697	3.693	259.0E6	137.7E6	26.023	25.841
2)	SA Decachlor...	8.755	8.705	379.5E6	135.8E6	26.223	26.497
	Target Compounds						
41)	L9 AR-1268-1	7.632	7.597	341.4E6	147.8E6	259.019	261.921
42)	L9 AR-1268-2	7.697	7.661	311.6E6	135.9E6	258.003	260.784
43)	L9 AR-1268-3	7.905	7.869	262.4E6	110.6E6	259.092	263.118
44)	L9 AR-1268-4	8.193	8.153	110.5E6	42415364	262.992	260.091
45)	L9 AR-1268-5	8.492	8.447	768.8E6	280.3E6	253.190	258.141

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

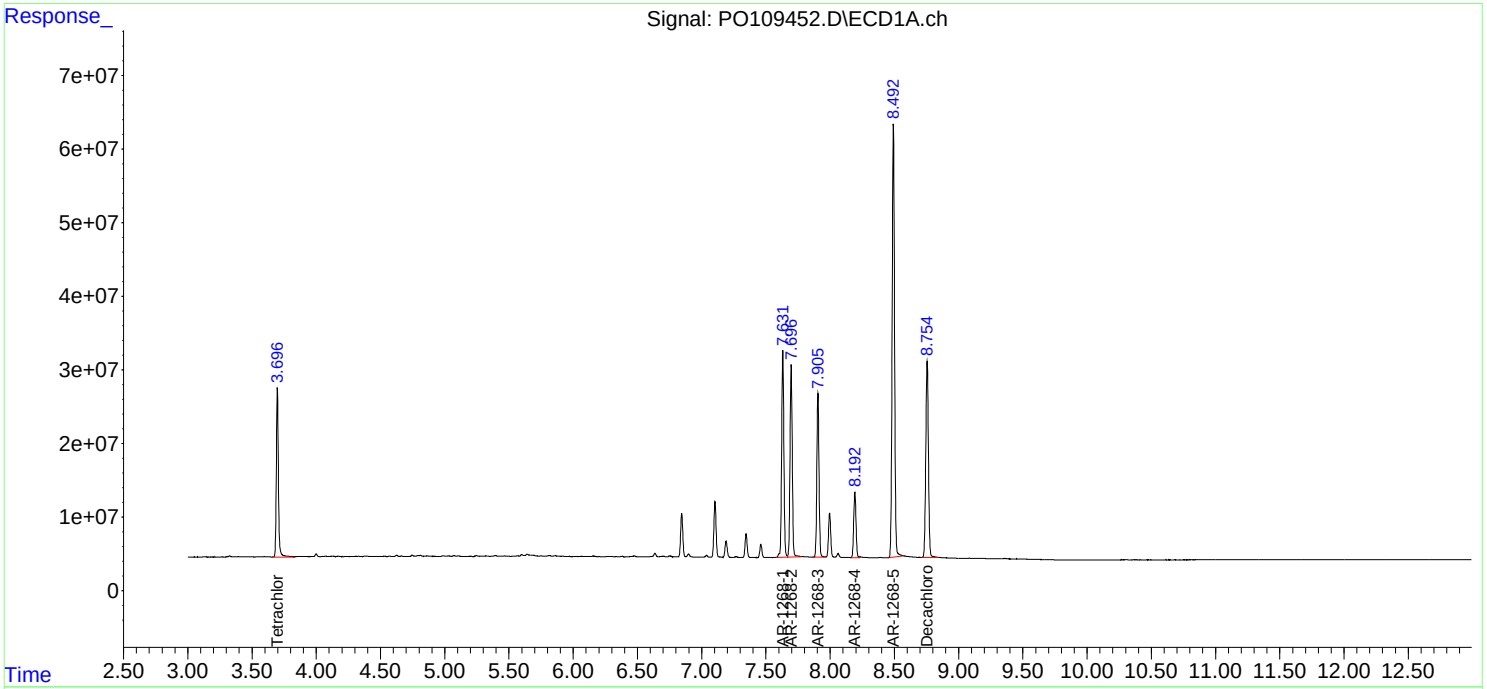
ICAL Form

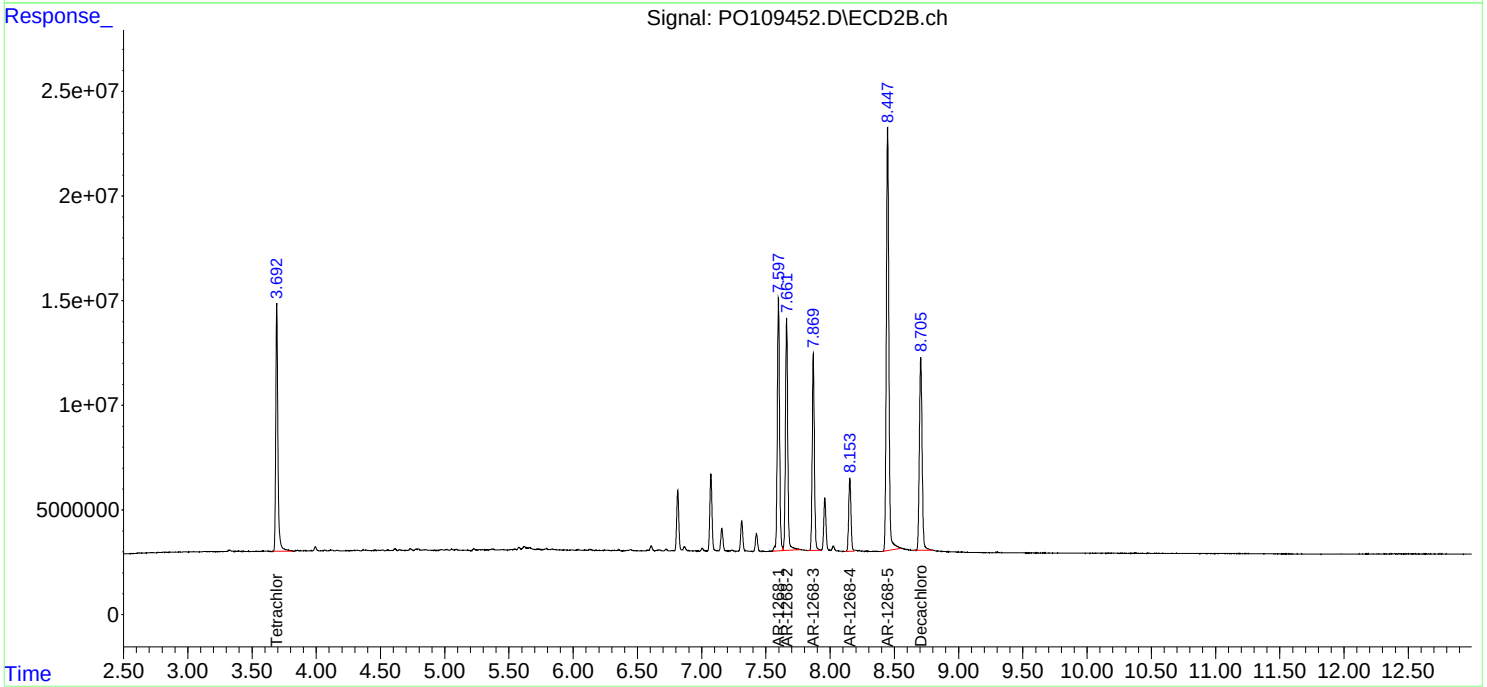
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109452.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:43
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

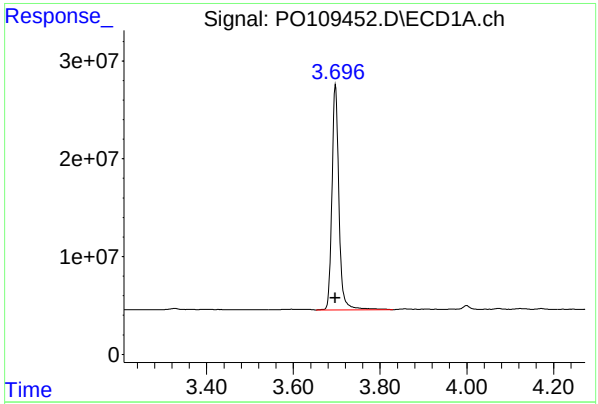
Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:17:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:14:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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



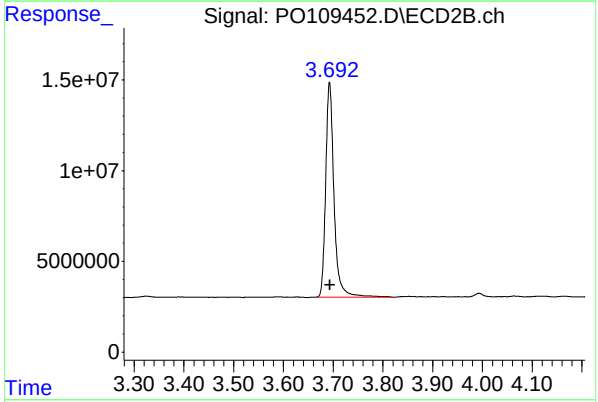




#1 Tetrachloro-m-xylene

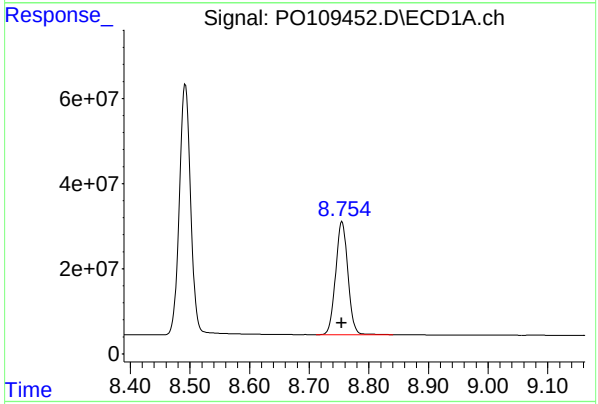
R.T.: 3.697 min
Delta R.T.: 0.000 min
Response: 259005016
Conc: 26.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



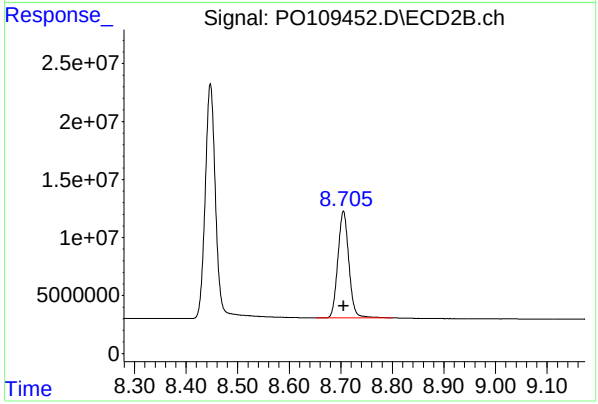
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 137691496
Conc: 25.84 ng/ml



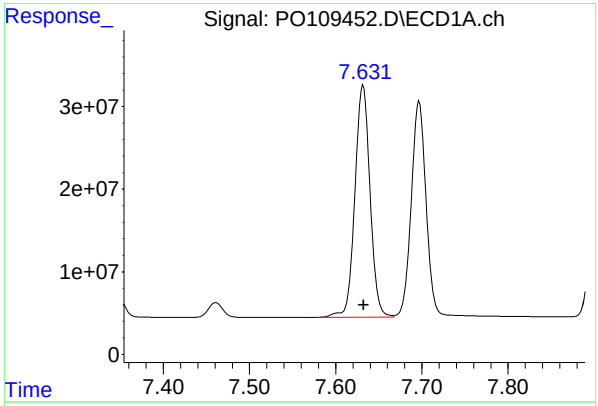
#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: 0.000 min
Response: 379504768
Conc: 26.22 ng/ml



#2 Decachlorobiphenyl

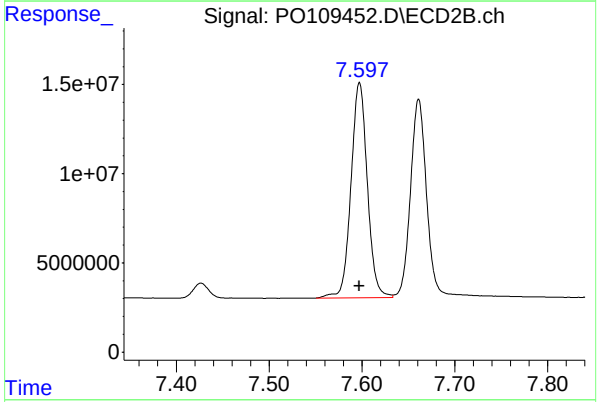
R.T.: 8.705 min
Delta R.T.: 0.000 min
Response: 135770402
Conc: 26.50 ng/ml



#41 AR-1268-1

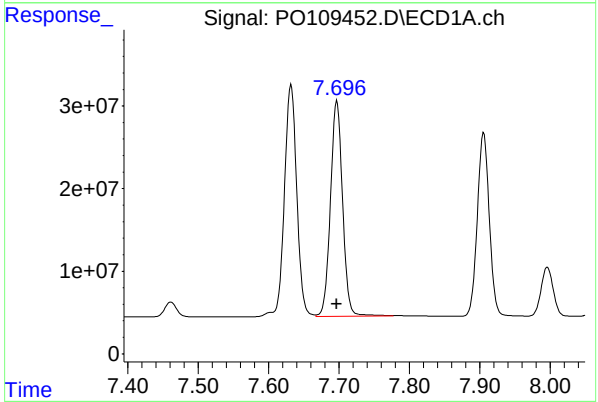
R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 341418909
Conc: 259.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



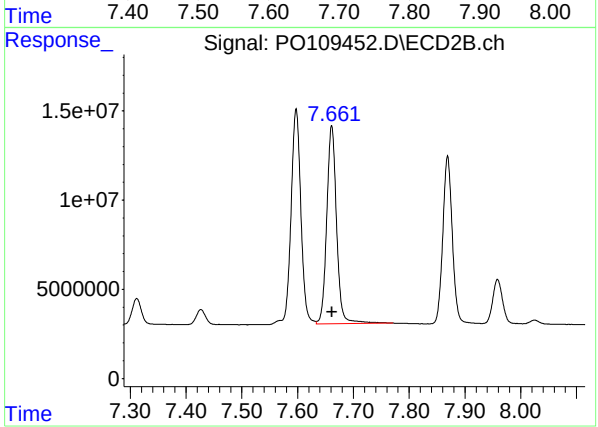
#41 AR-1268-1

R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 147769080
Conc: 261.92 ng/ml



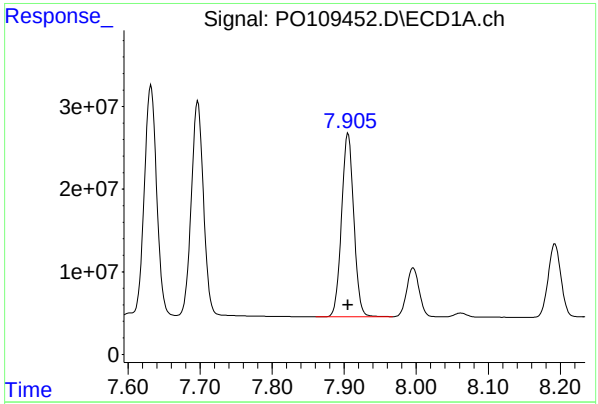
#42 AR-1268-2

R.T.: 7.697 min
Delta R.T.: 0.000 min
Response: 311637686
Conc: 258.00 ng/ml



#42 AR-1268-2

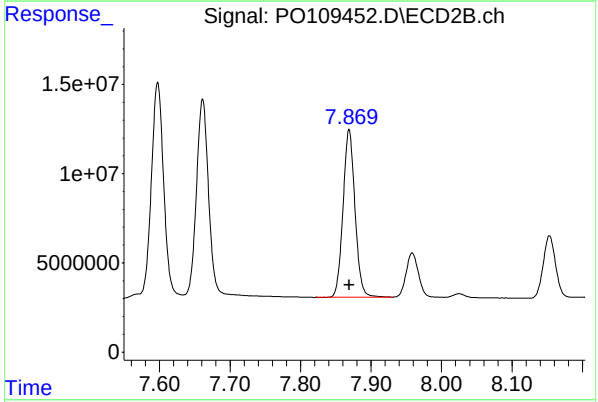
R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 135855084
Conc: 260.78 ng/ml



#43 AR-1268-3

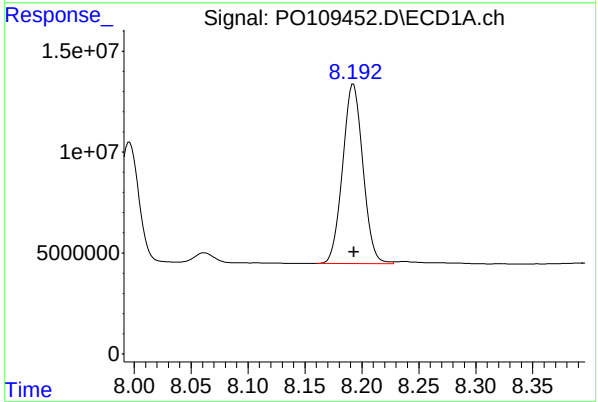
R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 262411827
Conc: 259.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



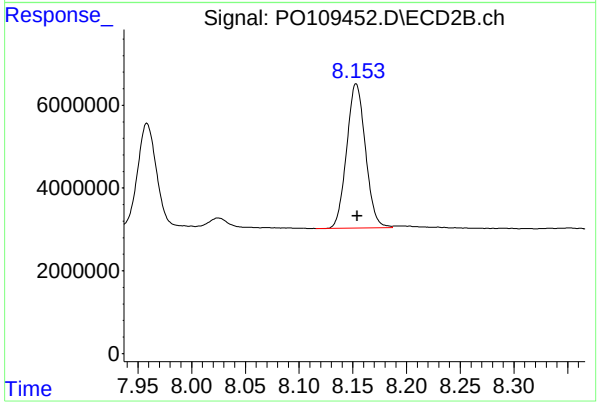
#43 AR-1268-3

R.T.: 7.869 min
Delta R.T.: 0.000 min
Response: 110648002
Conc: 263.12 ng/ml



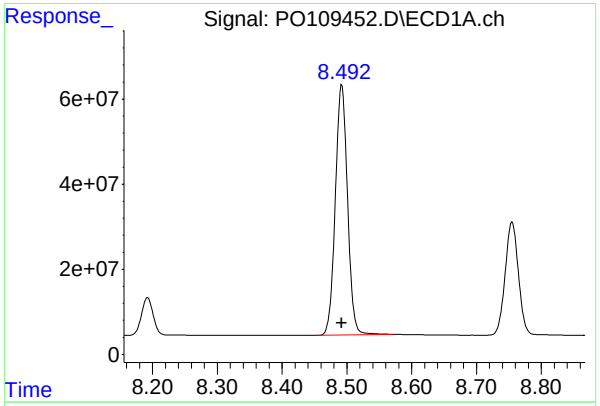
#44 AR-1268-4

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 110535077
Conc: 262.99 ng/ml



#44 AR-1268-4

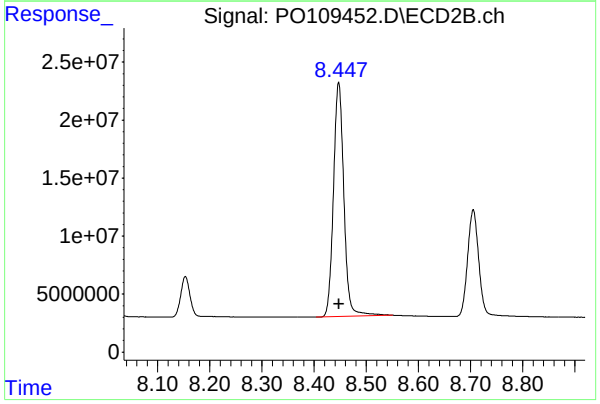
R.T.: 8.153 min
Delta R.T.: -0.001 min
Response: 42415364
Conc: 260.09 ng/ml



#45 AR-1268-5

R.T.: 8.492 min
Delta R.T.: 0.000 mi
Response: 768840081
Conc: 253.19 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



#45 AR-1268-5

R.T.: 8.447 min
Delta R.T.: -0.001 min
Response: 280296607
Conc: 258.14 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109453.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:02
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:18:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:14:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.696	3.692	48540301	25644875	4.877	4.813
2)	SA Decachlor...	8.754	8.704	77206427	27914892	5.335	5.448
	Target Compounds						
41)	L9 AR-1268-1	7.632	7.596	67221395	29693417	50.998	52.632
42)	L9 AR-1268-2	7.696	7.660	60264035	26832787	49.892	51.507
43)	L9 AR-1268-3	7.905	7.869	51454508	22544472	50.804	53.610
44)	L9 AR-1268-4	8.191	8.153	22268868	8258744	52.983	50.643
45)	L9 AR-1268-5	8.492	8.447	145.6E6	54675030	47.957	50.353

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

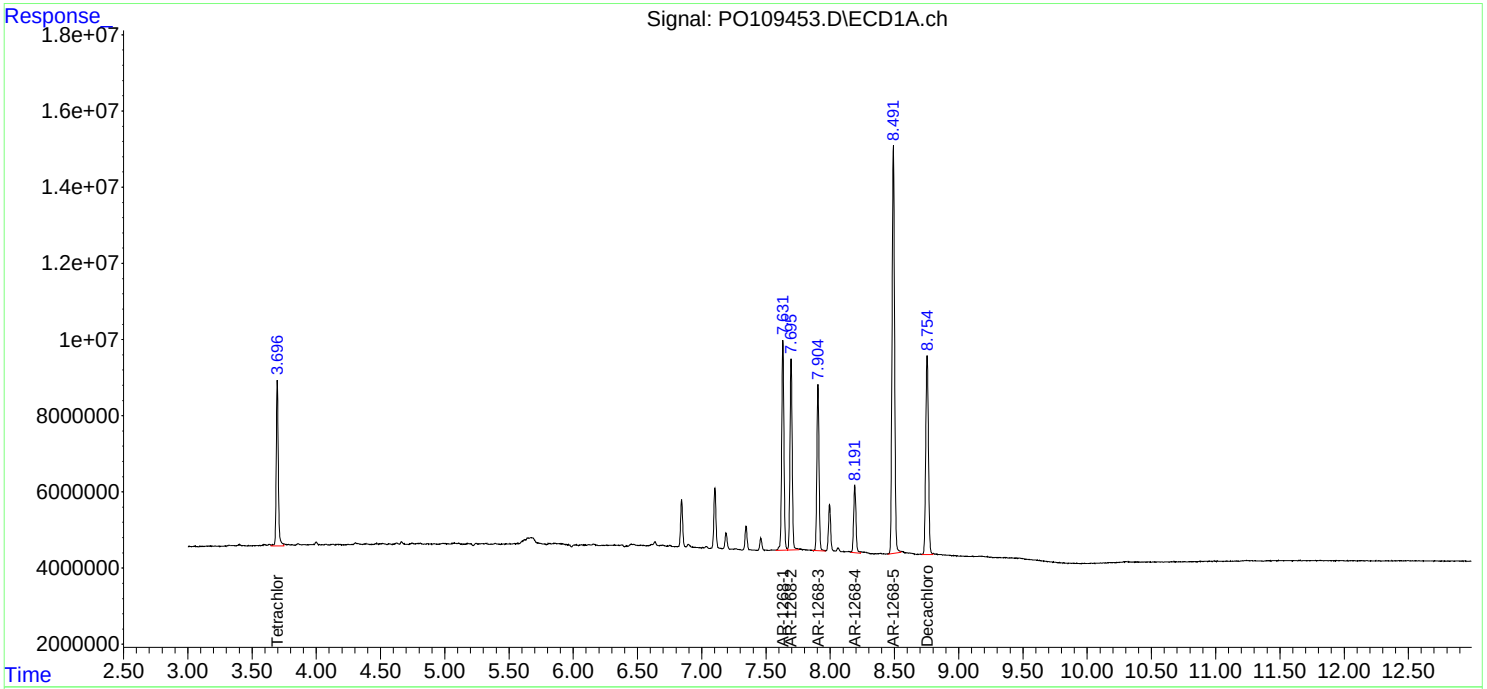
ICAL Form

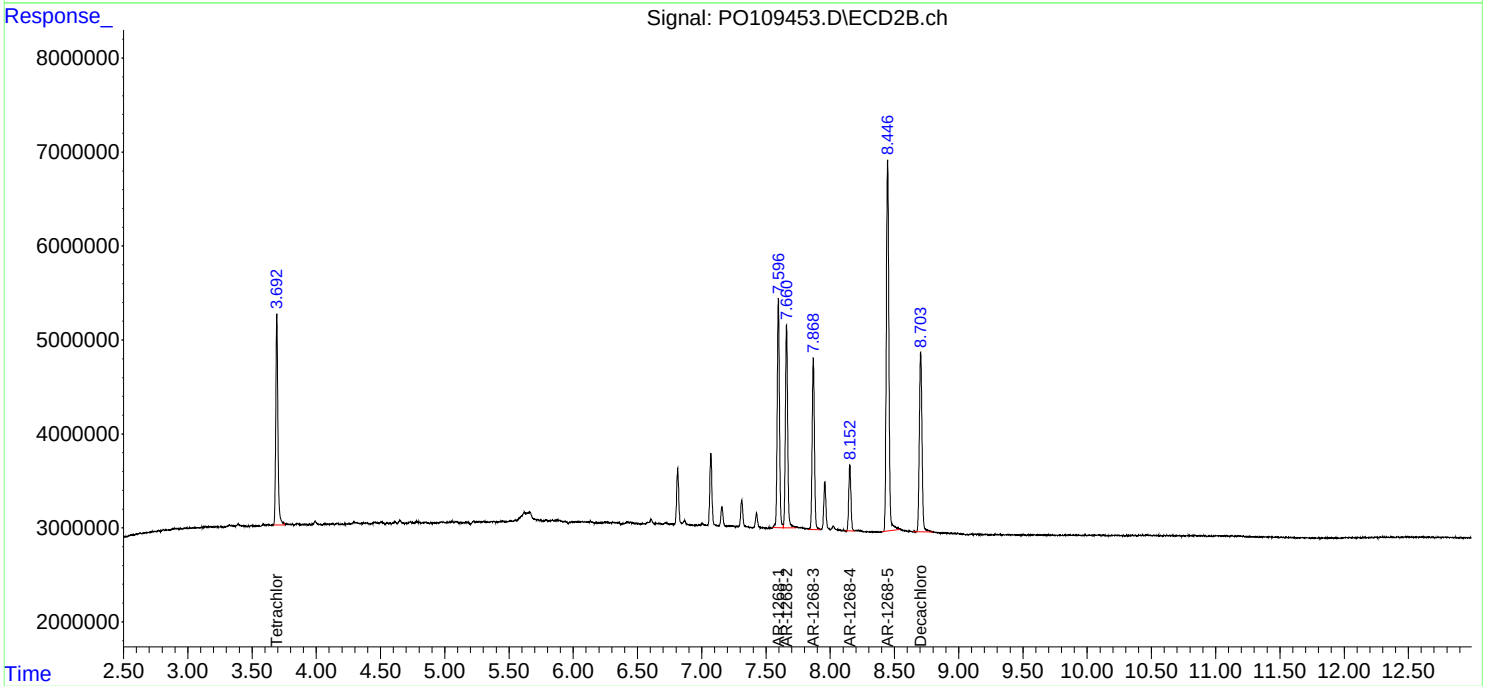
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109453.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:02
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

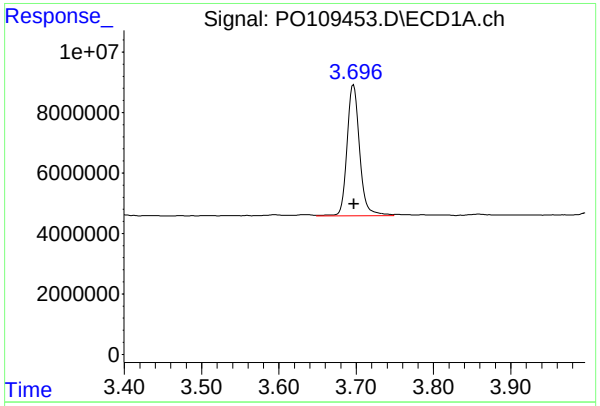
Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:18:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:14:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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



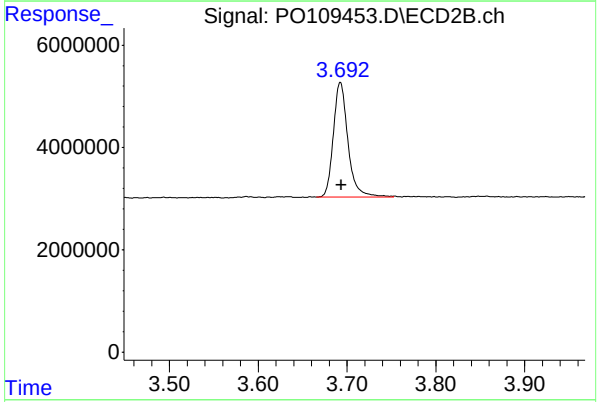




#1 Tetrachloro-m-xylene

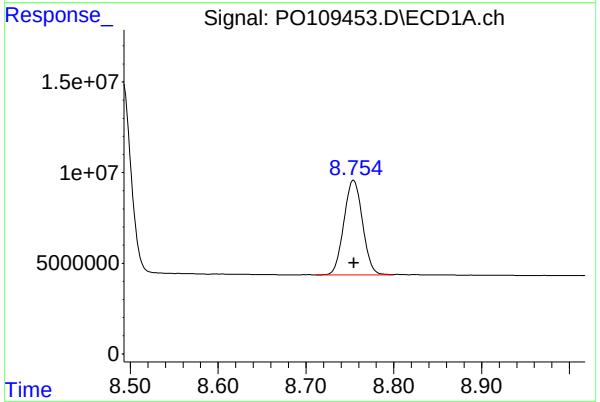
R.T.: 3.696 min
Delta R.T.: 0.000 min
Response: 48540301
Conc: 4.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



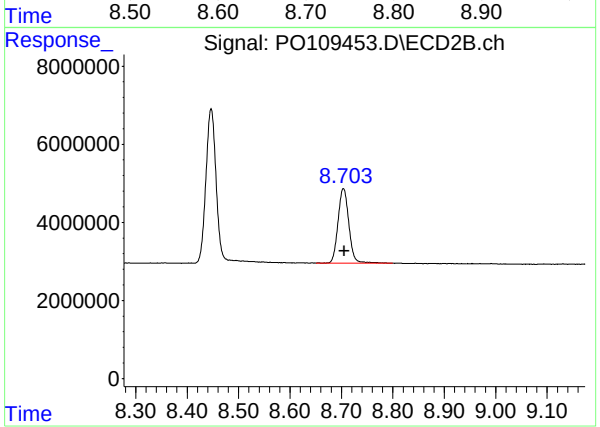
#1 Tetrachloro-m-xylene

R.T.: 3.692 min
Delta R.T.: 0.000 min
Response: 25644875
Conc: 4.81 ng/ml



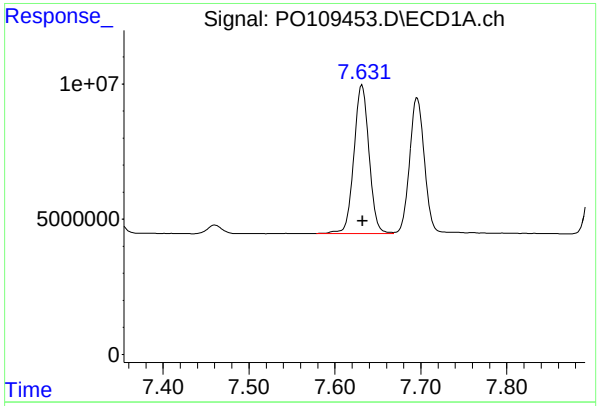
#2 Decachlorobiphenyl

R.T.: 8.754 min
Delta R.T.: 0.000 min
Response: 77206427
Conc: 5.33 ng/ml



#2 Decachlorobiphenyl

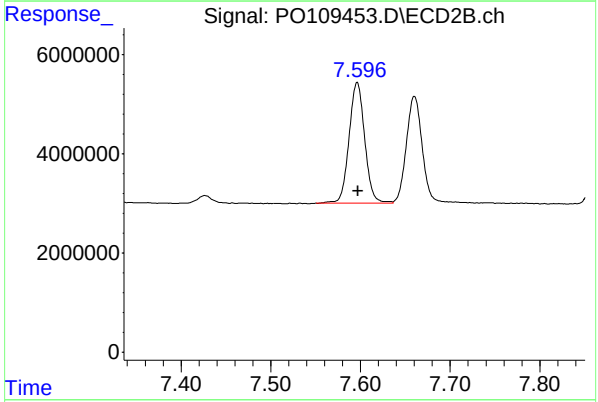
R.T.: 8.704 min
Delta R.T.: -0.001 min
Response: 27914892
Conc: 5.45 ng/ml



#41 AR-1268-1

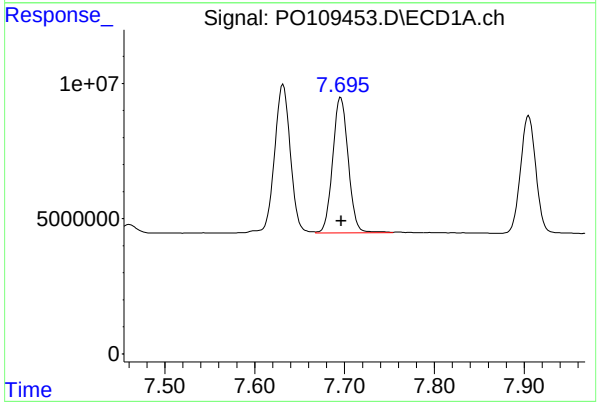
R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 67221395
Conc: 51.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



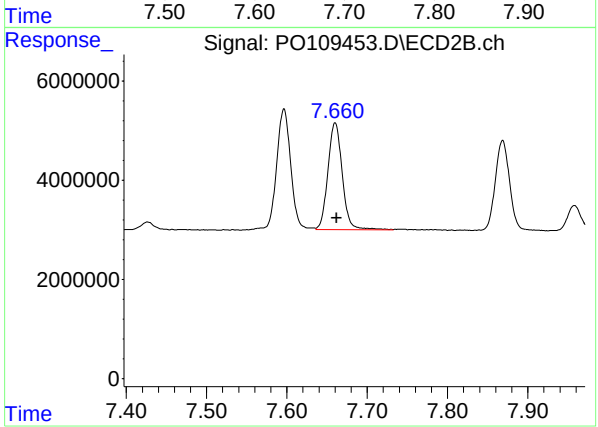
#41 AR-1268-1

R.T.: 7.596 min
Delta R.T.: 0.000 min
Response: 29693417
Conc: 52.63 ng/ml



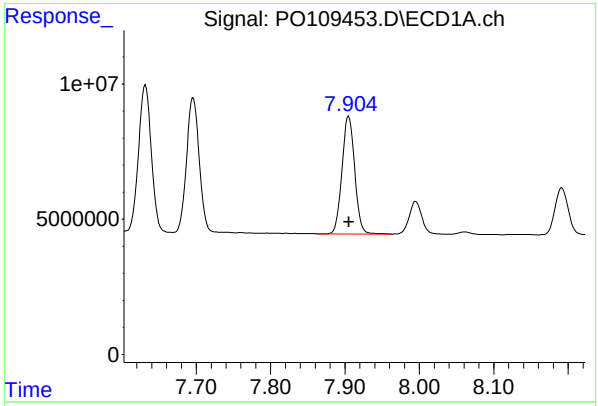
#42 AR-1268-2

R.T.: 7.696 min
Delta R.T.: 0.000 min
Response: 60264035
Conc: 49.89 ng/ml



#42 AR-1268-2

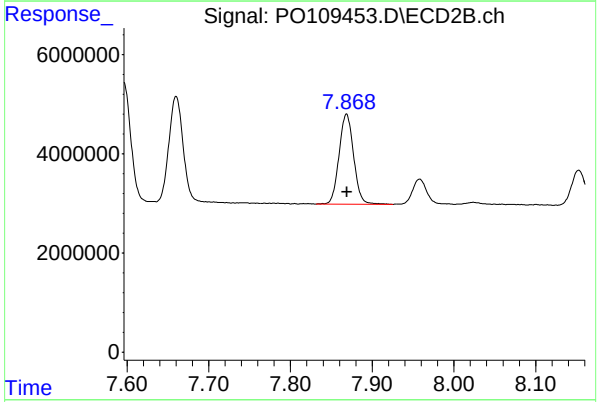
R.T.: 7.660 min
Delta R.T.: -0.002 min
Response: 26832787
Conc: 51.51 ng/ml



#43 AR-1268-3

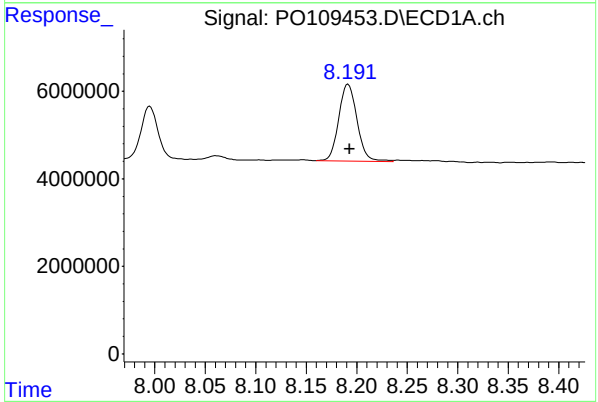
R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 51454508
Conc: 50.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



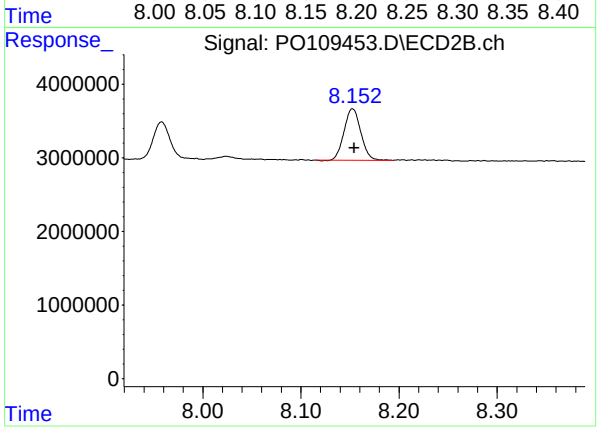
#43 AR-1268-3

R.T.: 7.869 min
Delta R.T.: 0.000 min
Response: 22544472
Conc: 53.61 ng/ml



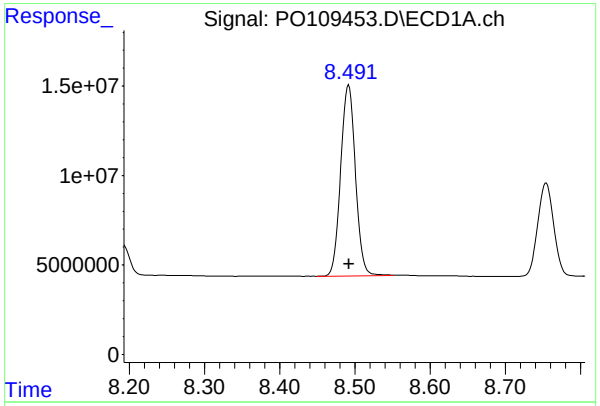
#44 AR-1268-4

R.T.: 8.191 min
Delta R.T.: -0.001 min
Response: 22268868
Conc: 52.98 ng/ml



#44 AR-1268-4

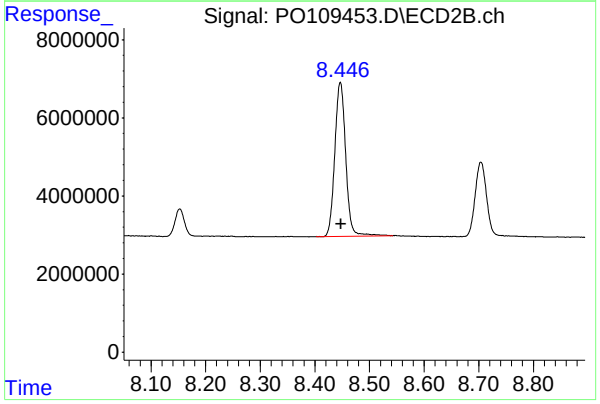
R.T.: 8.153 min
Delta R.T.: -0.001 min
Response: 8258744
Conc: 50.64 ng/ml



#45 AR-1268-5

R.T.: 8.492 min
Delta R.T.: 0.000 min
Response: 145625586
Conc: 47.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



#45 AR-1268-5

R.T.: 8.447 min
Delta R.T.: -0.002 min
Response: 54675030
Conc: 50.35 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109454.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:20
Operator : YP/AJ
Sample : PO022025ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO022025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:02:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:00:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.696	3.693	485.4E6	269.8E6	51.590	51.681
2) SA	Decachlor...	8.754	8.704	443.6E6	158.9E6	51.926	50.342
	Target Compounds						
3) L1	AR-1016-1	4.791	4.776	157.1E6	78402892	520.861	515.700
4) L1	AR-1016-2	4.810	4.796	215.0E6	109.8E6	518.628	514.474
5) L1	AR-1016-3	4.866	4.971	152.4E6	60872209	526.733	519.332
6) L1	AR-1016-4	4.987	5.013	119.0E6	52752395	526.672	521.449
7) L1	AR-1016-5	5.245	5.226	131.1E6	68386607	519.681	515.565
31) L7	AR-1260-1	6.286	6.260	235.3E6	118.3E6	513.812	508.238
32) L7	AR-1260-2	6.475	6.447	286.8E6	137.4E6	521.487	511.120
33) L7	AR-1260-3	6.844	6.600	241.2E6	127.7E6	520.450	510.981
34) L7	AR-1260-4	7.105	7.072	220.8E6	103.3E6	518.189	510.781
35) L7	AR-1260-5	7.346	7.312	513.3E6	224.9E6	512.587	506.808

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

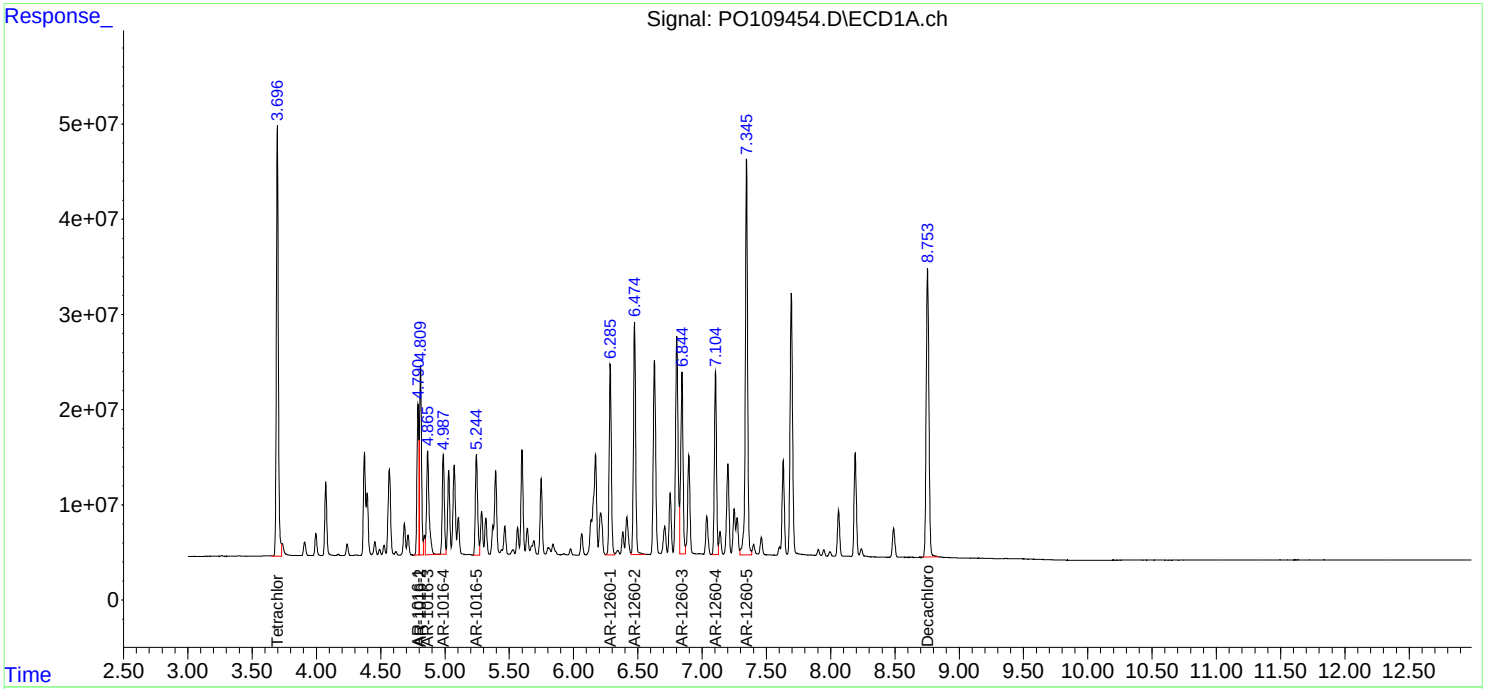
ICAL Form

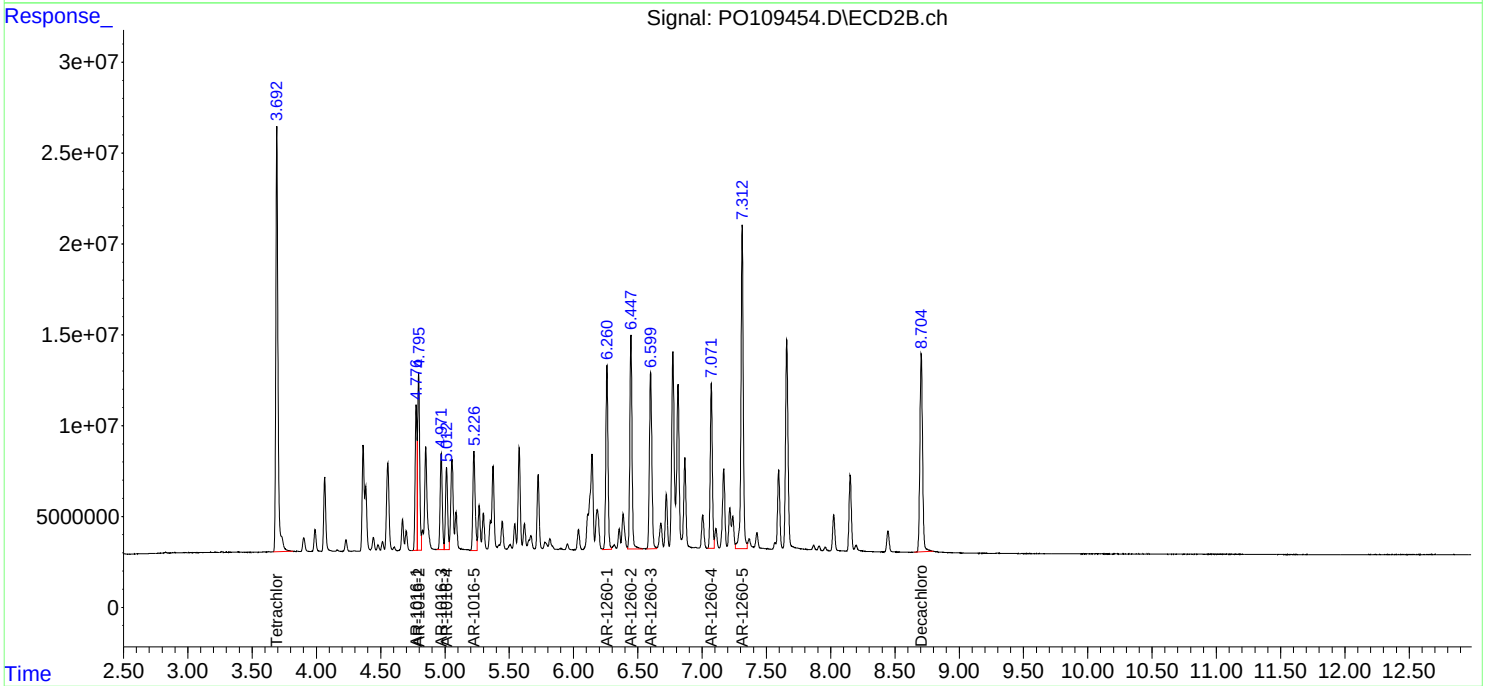
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109454.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:20
Operator : YP/AJ
Sample : PO022025ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

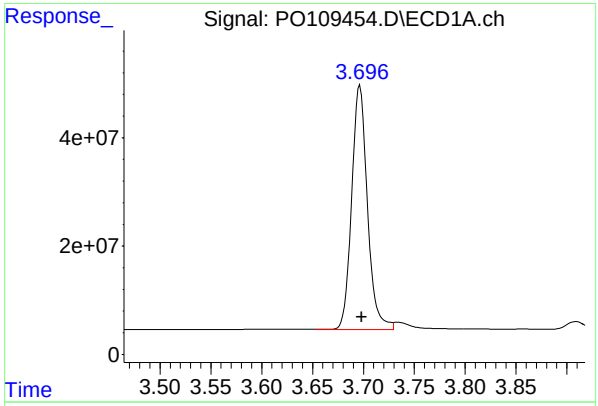
Instrument :
ECD_O
ClientSampleId :
ICVPO022025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:02:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:00:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



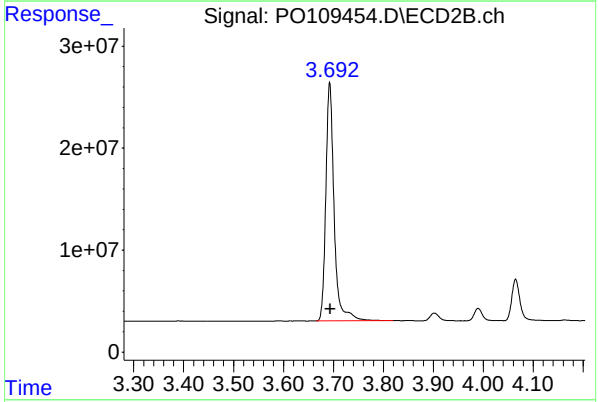




#1 Tetrachloro-m-xylene

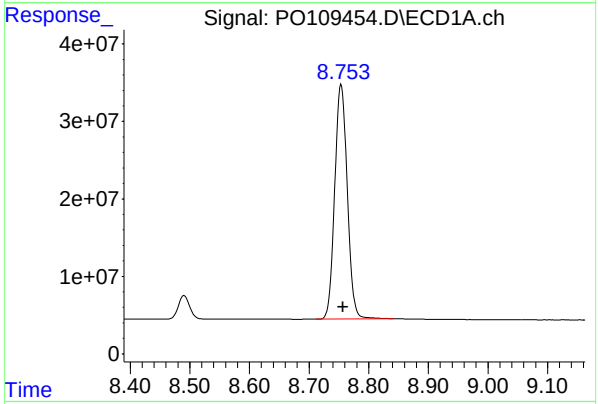
R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 485357700
Conc: 51.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO022025



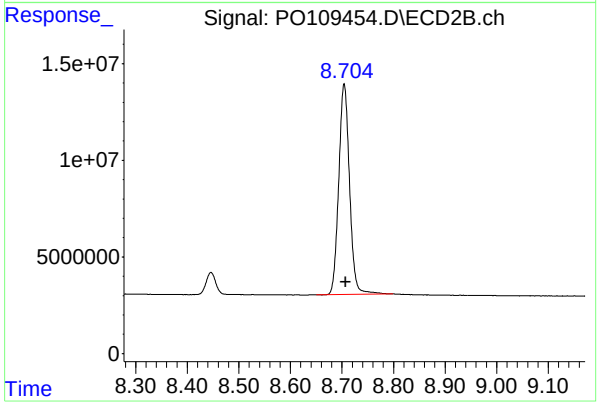
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: -0.001 min
Response: 269840343
Conc: 51.68 ng/ml



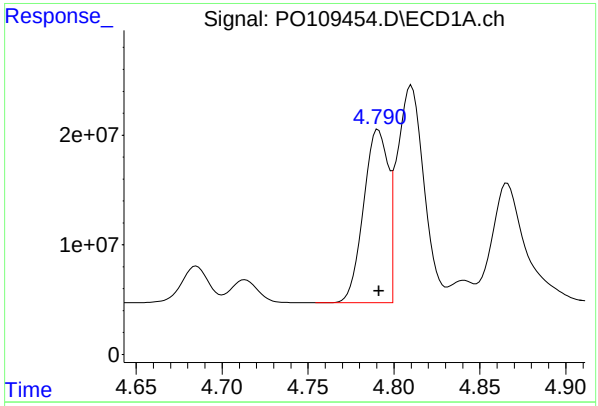
#2 Decachlorobiphenyl

R.T.: 8.754 min
Delta R.T.: -0.003 min
Response: 443585478
Conc: 51.93 ng/ml



#2 Decachlorobiphenyl

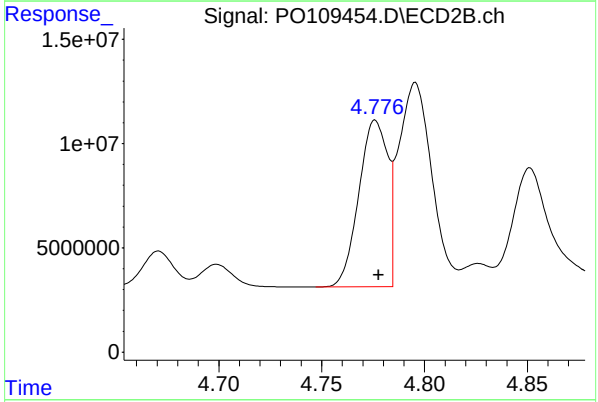
R.T.: 8.704 min
Delta R.T.: -0.003 min
Response: 158879701
Conc: 50.34 ng/ml



#3 AR-1016-1

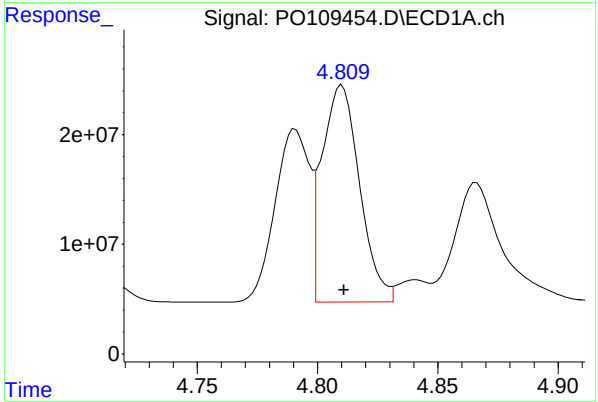
R.T.: 4.791 min
Delta R.T.: 0.000 min
Response: 157132874
Conc: 520.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO022025



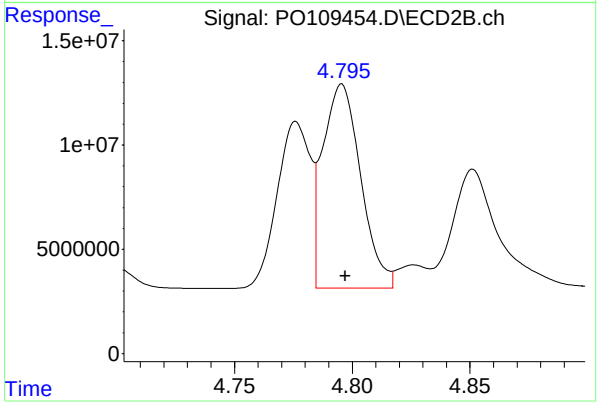
#3 AR-1016-1

R.T.: 4.776 min
Delta R.T.: -0.002 min
Response: 78402892
Conc: 515.70 ng/ml



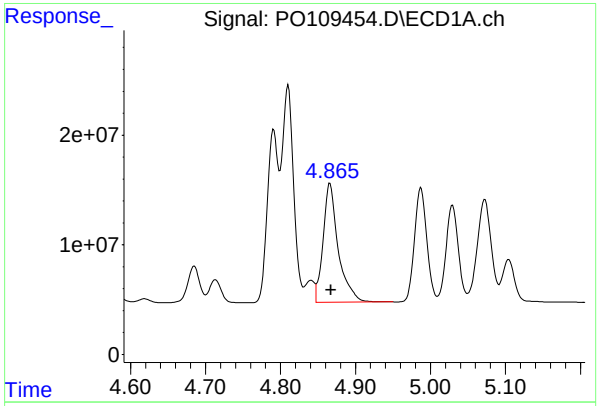
#4 AR-1016-2

R.T.: 4.810 min
Delta R.T.: 0.000 min
Response: 215046537
Conc: 518.63 ng/ml



#4 AR-1016-2

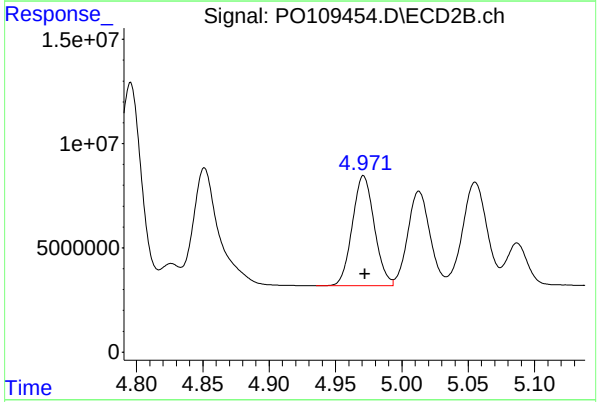
R.T.: 4.796 min
Delta R.T.: -0.001 min
Response: 109805671
Conc: 514.47 ng/ml



#5 AR-1016-3

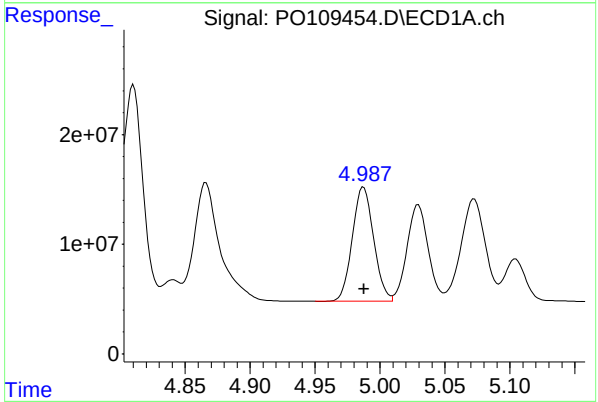
R.T.: 4.866 min
Delta R.T.: -0.001 min
Response: 152438515
Conc: 526.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO022025



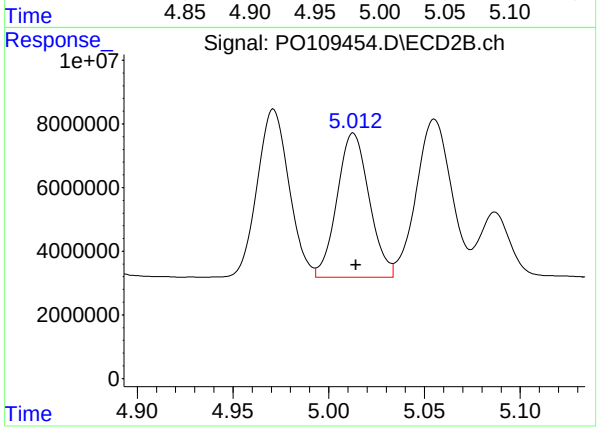
#5 AR-1016-3

R.T.: 4.971 min
Delta R.T.: -0.001 min
Response: 60872209
Conc: 519.33 ng/ml



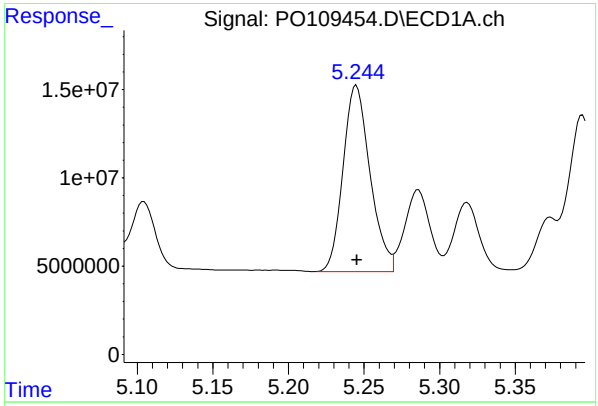
#6 AR-1016-4

R.T.: 4.987 min
Delta R.T.: 0.000 min
Response: 119017231
Conc: 526.67 ng/ml



#6 AR-1016-4

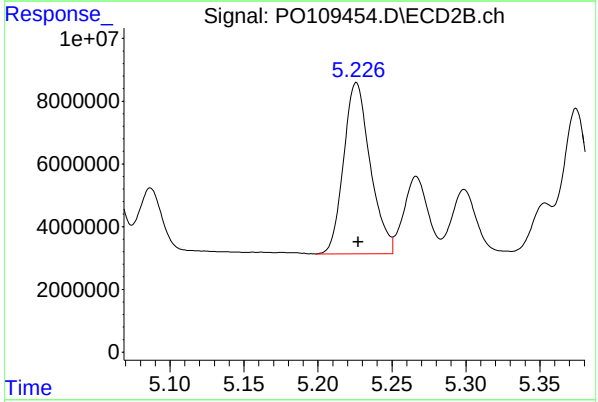
R.T.: 5.013 min
Delta R.T.: -0.001 min
Response: 52752395
Conc: 521.45 ng/ml



#7 AR-1016-5

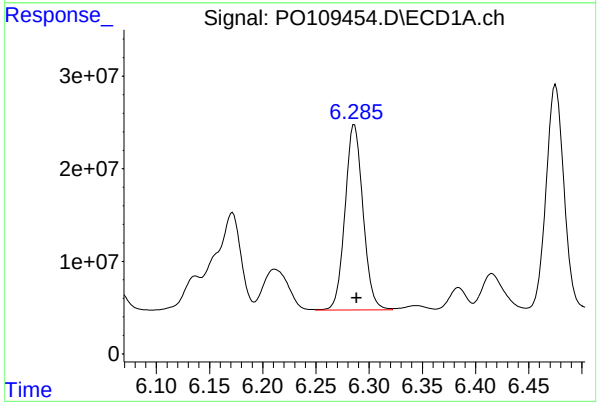
R.T.: 5.245 min
Delta R.T.: 0.000 min
Response: 131099352
Conc: 519.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO022025



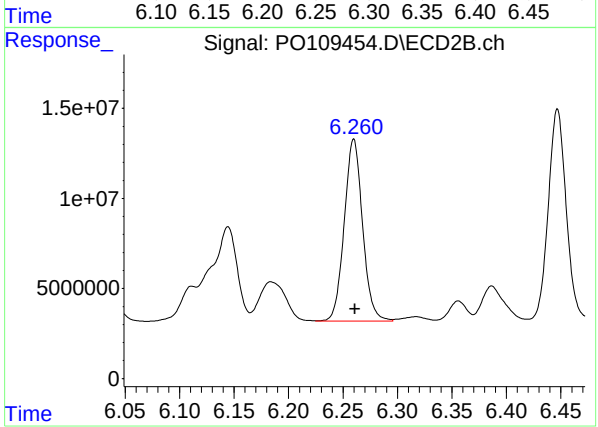
#7 AR-1016-5

R.T.: 5.226 min
Delta R.T.: -0.001 min
Response: 68386607
Conc: 515.56 ng/ml



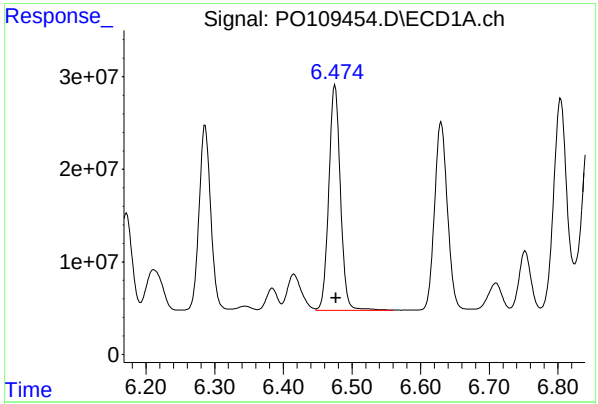
#31 AR-1260-1

R.T.: 6.286 min
Delta R.T.: -0.002 min
Response: 235341857
Conc: 513.81 ng/ml



#31 AR-1260-1

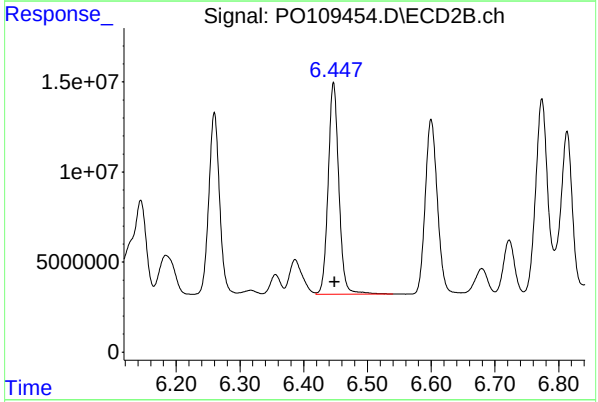
R.T.: 6.260 min
Delta R.T.: -0.001 min
Response: 118287214
Conc: 508.24 ng/ml



#32 AR-1260-2

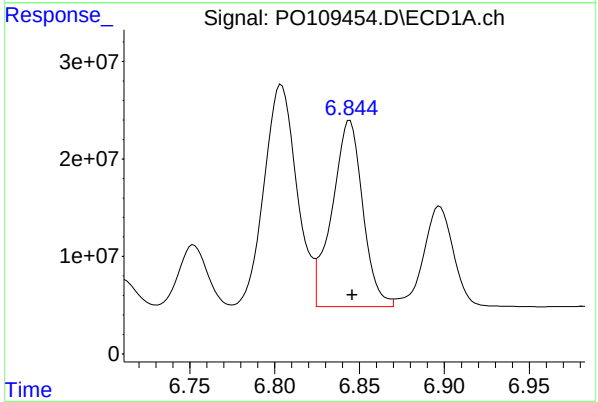
R.T.: 6.475 min
Delta R.T.: -0.001 min
Response: 286816753
Conc: 521.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO022025



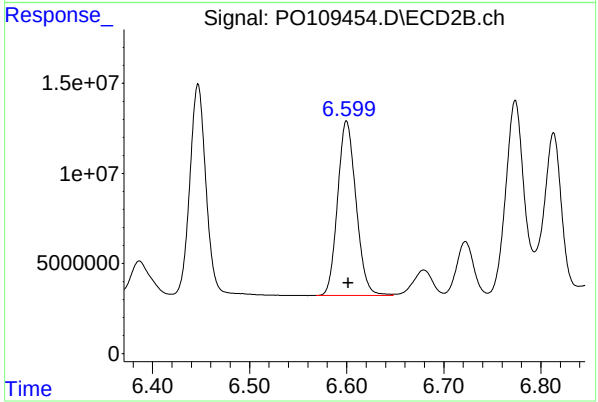
#32 AR-1260-2

R.T.: 6.447 min
Delta R.T.: -0.002 min
Response: 137405496
Conc: 511.12 ng/ml



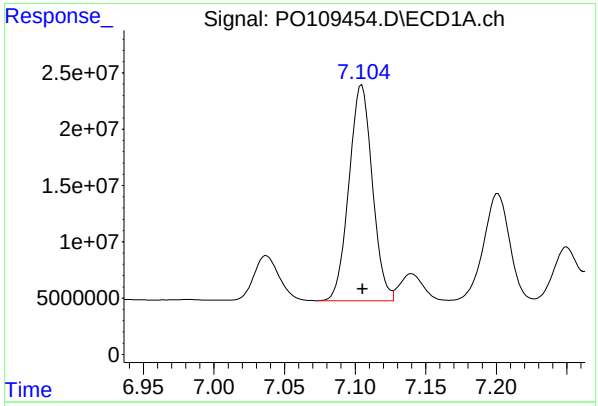
#33 AR-1260-3

R.T.: 6.844 min
Delta R.T.: -0.001 min
Response: 241245232
Conc: 520.45 ng/ml



#33 AR-1260-3

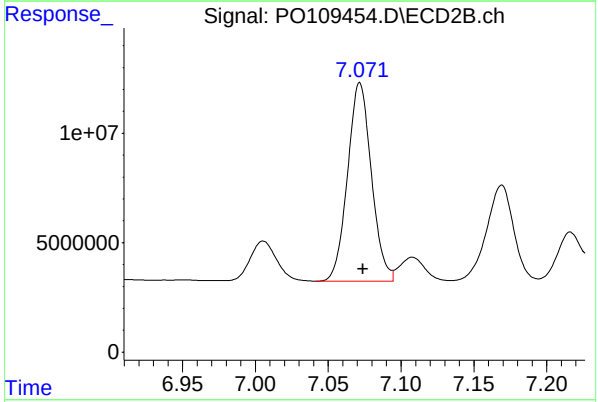
R.T.: 6.600 min
Delta R.T.: -0.002 min
Response: 127693193
Conc: 510.98 ng/ml



#34 AR-1260-4

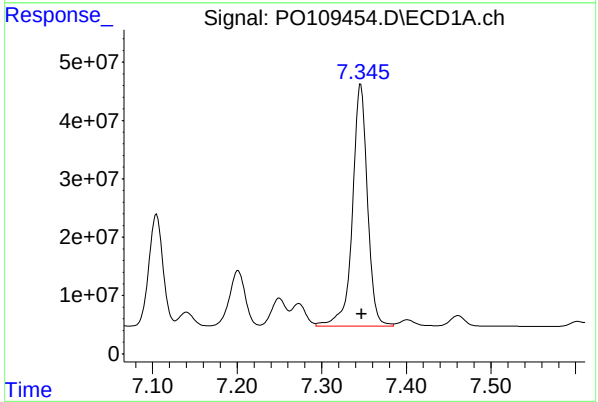
R.T.: 7.105 min
Delta R.T.: 0.000 min
Response: 220785718
Conc: 518.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO022025



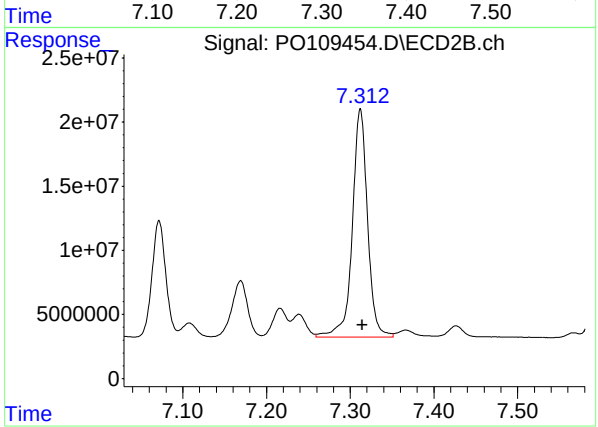
#34 AR-1260-4

R.T.: 7.072 min
Delta R.T.: -0.002 min
Response: 103289353
Conc: 510.78 ng/ml



#35 AR-1260-5

R.T.: 7.346 min
Delta R.T.: -0.001 min
Response: 513338564
Conc: 512.59 ng/ml



#35 AR-1260-5

R.T.: 7.312 min
Delta R.T.: -0.002 min
Response: 224913666
Conc: 506.81 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109455.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:38
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO022025AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:28:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:26:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.697	3.693	473.0E6	263.5E6	50.071	50.141
2) SA	Decachlor...	8.756	8.704	420.7E6	151.7E6	51.323	50.236
	Target Compounds						
16) L4	AR-1242-1	4.791	4.777	132.7E6	66474054	503.582	499.322
17) L4	AR-1242-2	4.810	4.795	181.5E6	92310140	503.998	503.693
18) L4	AR-1242-3	4.867	4.971	128.4E6	51844543	500.289	507.061
19) L4	AR-1242-4	4.987	5.055	100.9E6	54380483	503.770	504.509
20) L4	AR-1242-5	5.642	5.577	106.0E6	63476044	499.124	506.838

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

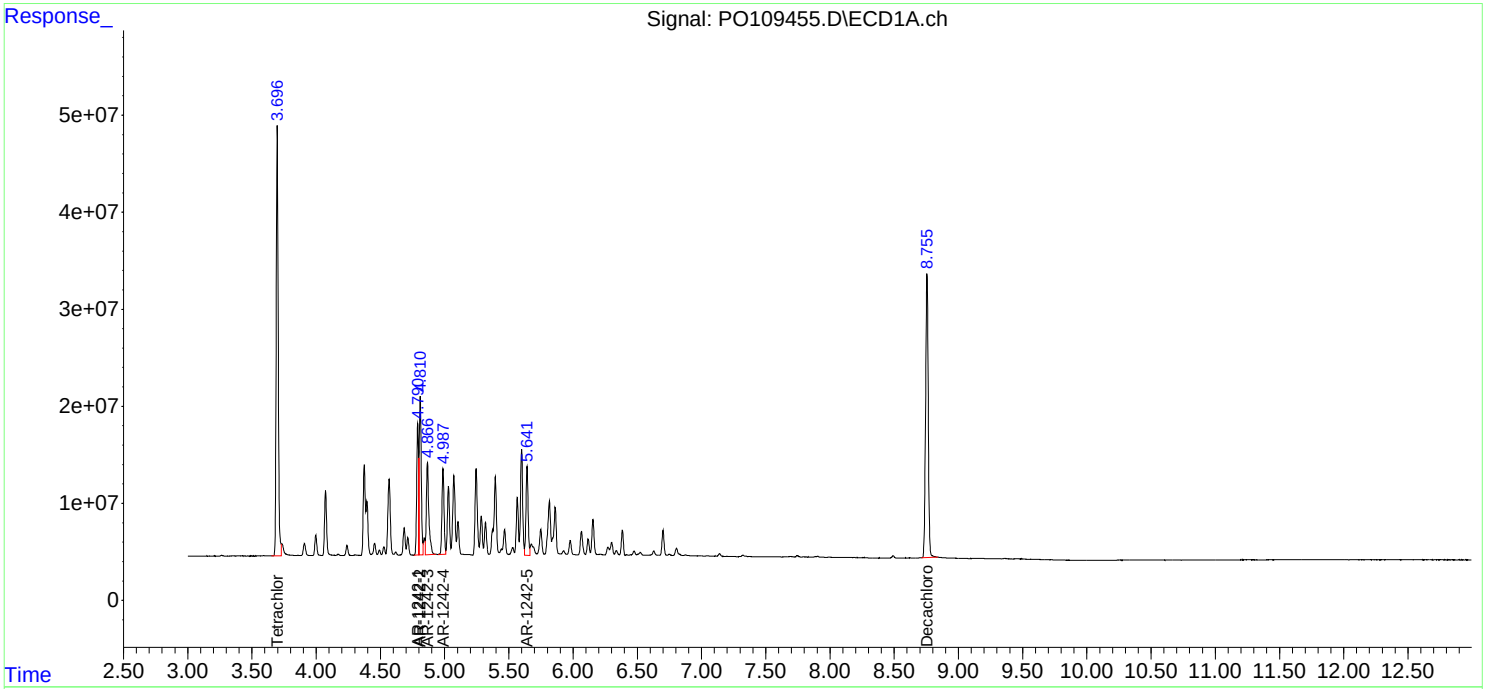
ICAL Form

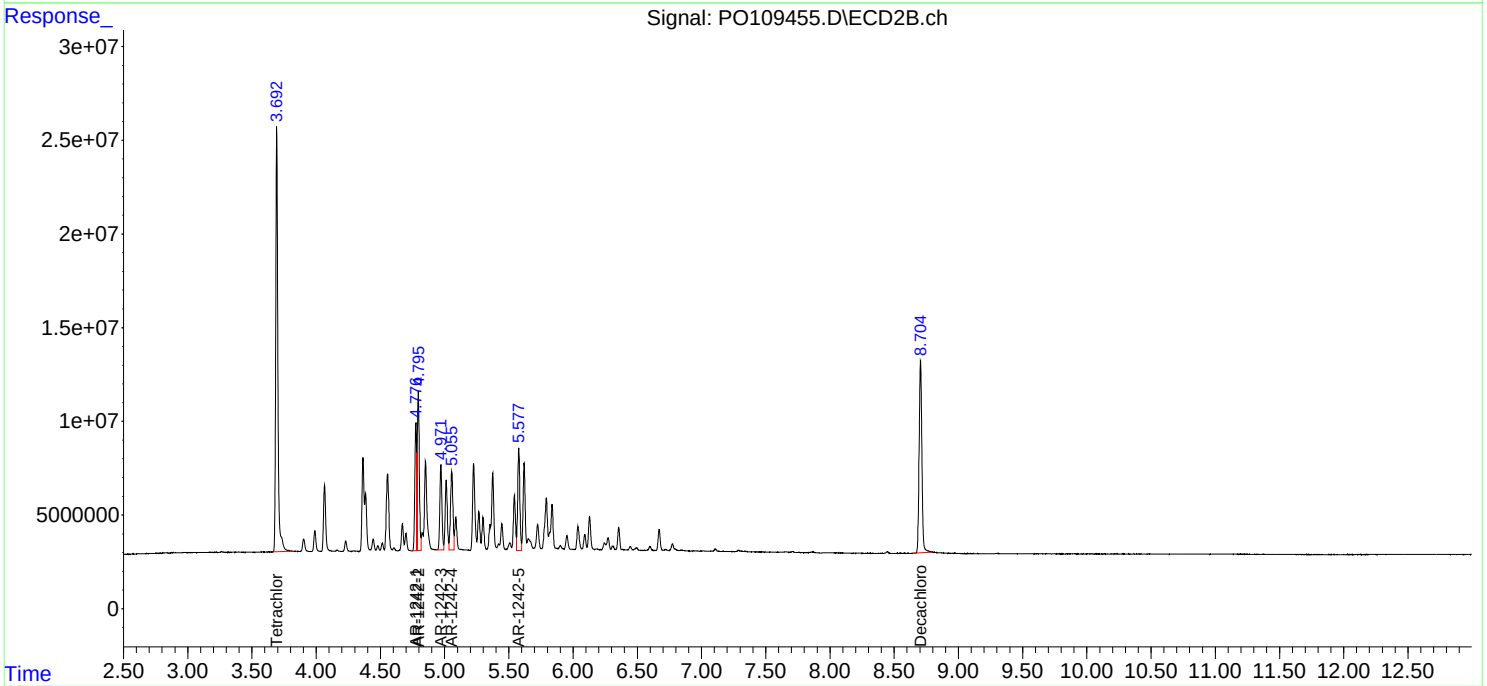
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109455.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:38
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

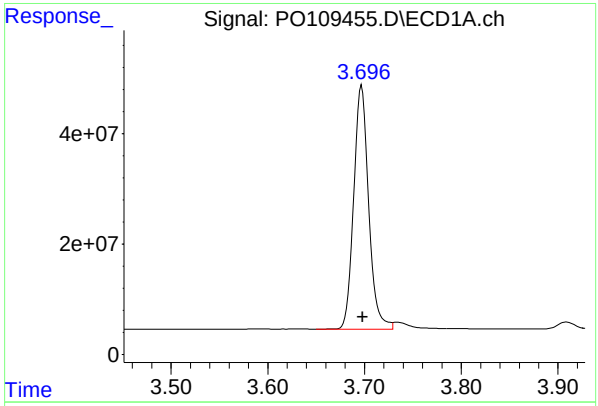
Instrument :
ECD_O
ClientSampleId :
ICVPO022025AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:28:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:26:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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



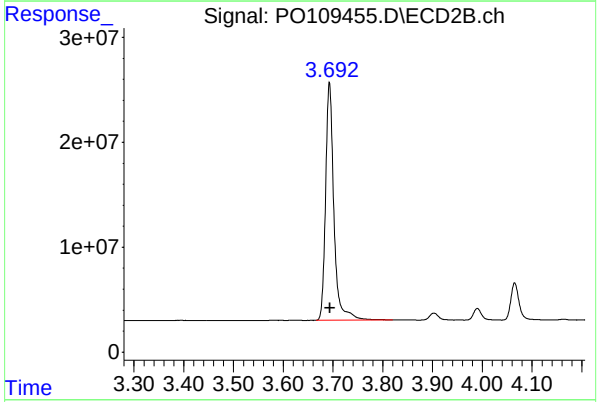




#1 Tetrachloro-m-xylene

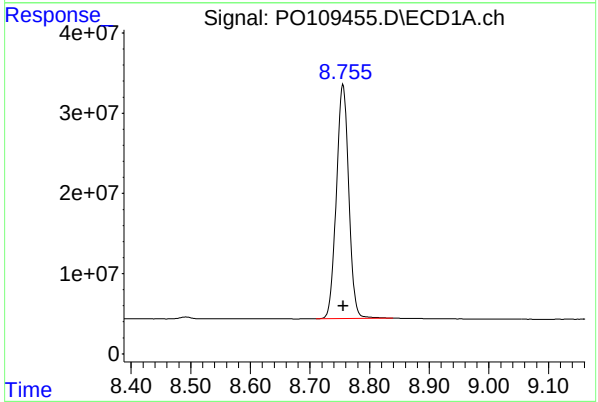
R.T.: 3.697 min
Delta R.T.: -0.001 min
Response: 473015917
Conc: 50.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO022025AR1242



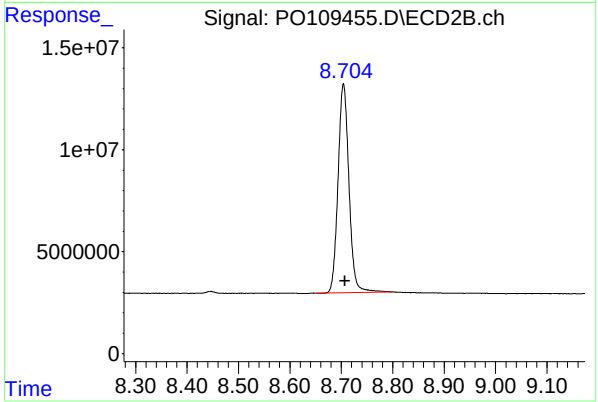
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 263452127
Conc: 50.14 ng/ml



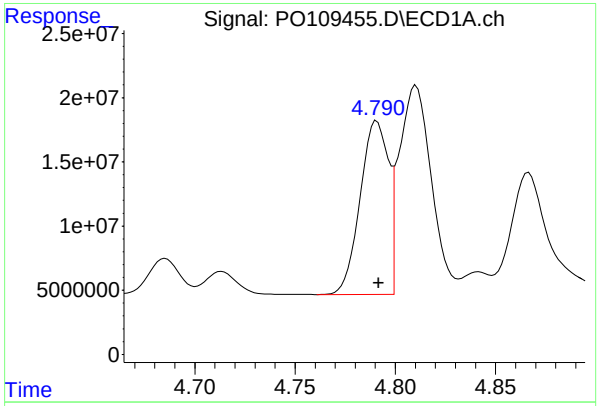
#2 Decachlorobiphenyl

R.T.: 8.756 min
Delta R.T.: 0.000 min
Response: 420694354
Conc: 51.32 ng/ml



#2 Decachlorobiphenyl

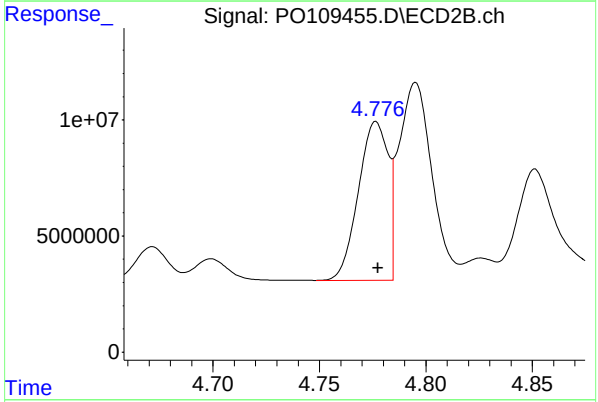
R.T.: 8.704 min
Delta R.T.: -0.003 min
Response: 151672867
Conc: 50.24 ng/ml



#16 AR-1242-1

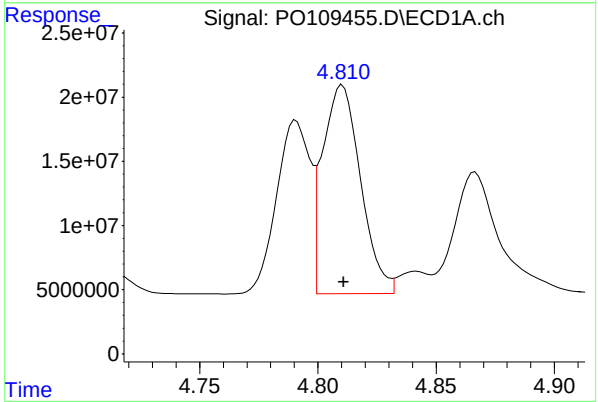
R.T.: 4.791 min
Delta R.T.: -0.001 min
Response: 132735422
Conc: 503.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO022025AR1242



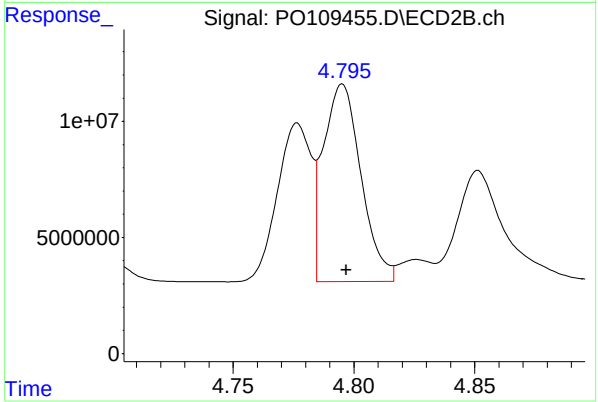
#16 AR-1242-1

R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 66474054
Conc: 499.32 ng/ml



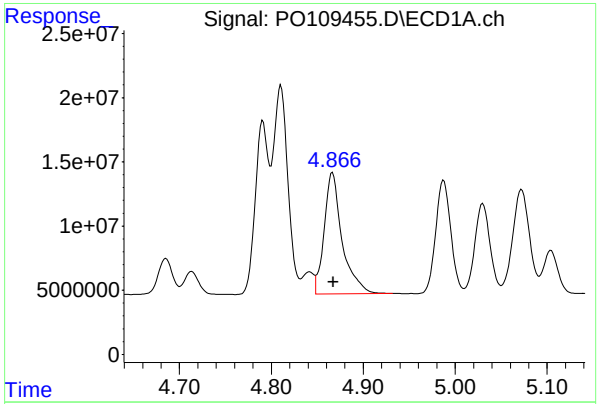
#17 AR-1242-2

R.T.: 4.810 min
Delta R.T.: 0.000 min
Response: 181450651
Conc: 504.00 ng/ml



#17 AR-1242-2

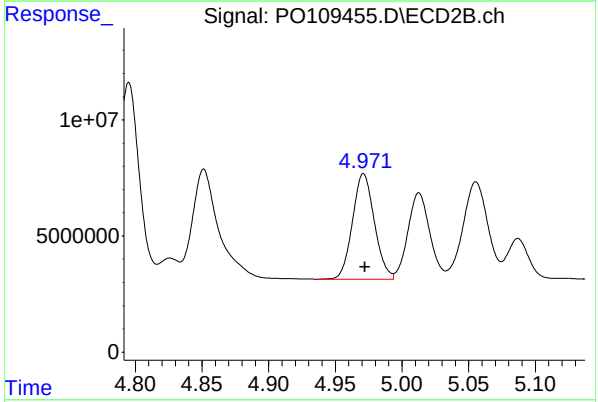
R.T.: 4.795 min
Delta R.T.: -0.002 min
Response: 92310140
Conc: 503.69 ng/ml



#18 AR-1242-3

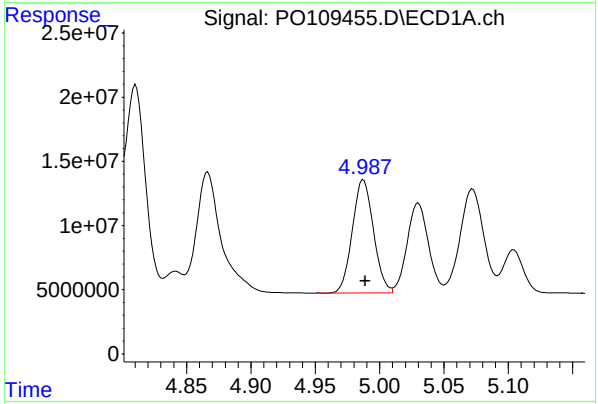
R.T.: 4.867 min
Delta R.T.: -0.001 min
Response: 128359744
Conc: 500.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO022025AR1242



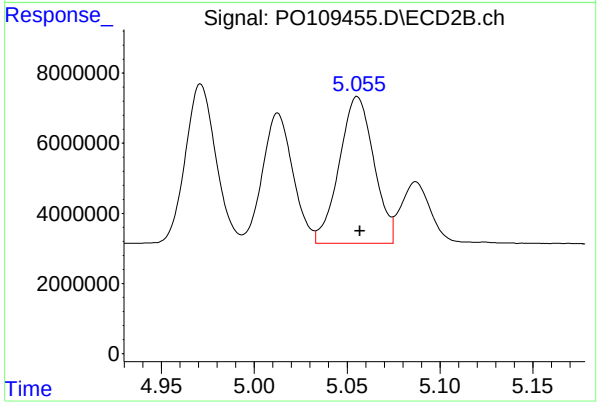
#18 AR-1242-3

R.T.: 4.971 min
Delta R.T.: -0.001 min
Response: 51844543
Conc: 507.06 ng/ml



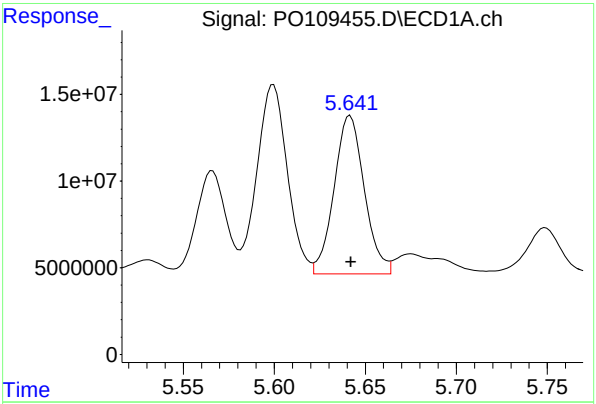
#19 AR-1242-4

R.T.: 4.987 min
Delta R.T.: -0.002 min
Response: 100852152
Conc: 503.77 ng/ml



#19 AR-1242-4

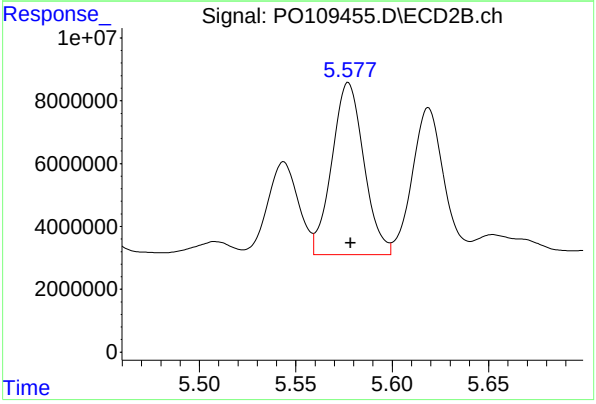
R.T.: 5.055 min
Delta R.T.: -0.002 min
Response: 54380483
Conc: 504.51 ng/ml



#20 AR-1242-5

R.T.: 5.642 min
Delta R.T.: 0.000 mi
Response: 106025867
Conc: 499.12 ng/m

Instrument :
ECD_O
ClientSampleId :
ICVPO022025AR1242



#20 AR-1242-5

R.T.: 5.577 min
Delta R.T.: -0.001 min
Response: 63476044
Conc: 506.84 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109456.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:57
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO022025AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:49:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:44:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.696	3.693	490.5E6	262.1E6	50.234	50.194
2)	SA Decachlor...	8.754	8.704	425.3E6	152.0E6	51.016	50.037
	Target Compounds						
21)	L5 AR-1248-1	4.790	4.776	100.9E6	50731291	502.457	503.449
22)	L5 AR-1248-2	5.030	5.013	140.5E6	73502388	498.738	501.993
23)	L5 AR-1248-3	5.244	5.056	174.2E6	78184021	503.235	502.140
24)	L5 AR-1248-4	5.599	5.227	240.3E6	91183159	501.425	505.550
25)	L5 AR-1248-5	5.641	5.619	167.5E6	84456599	496.149	498.047

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

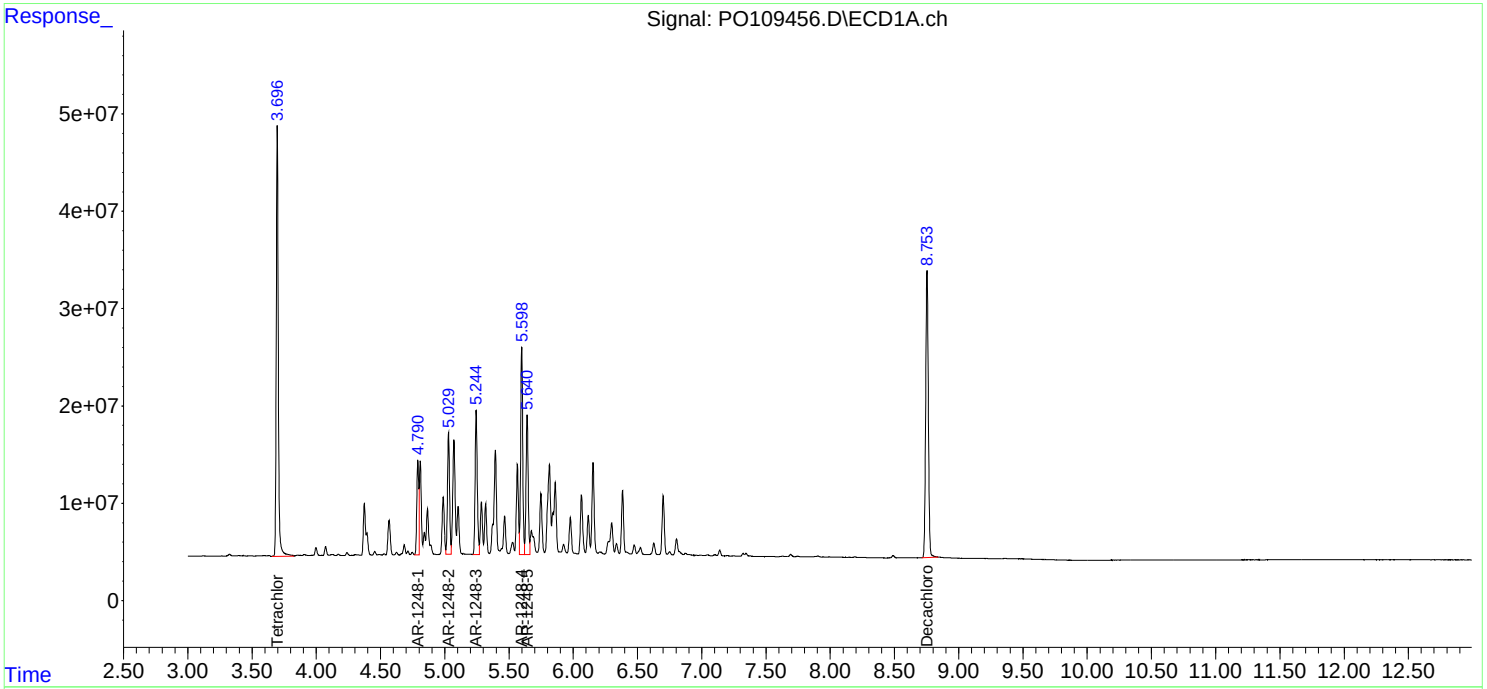
ICAL Form

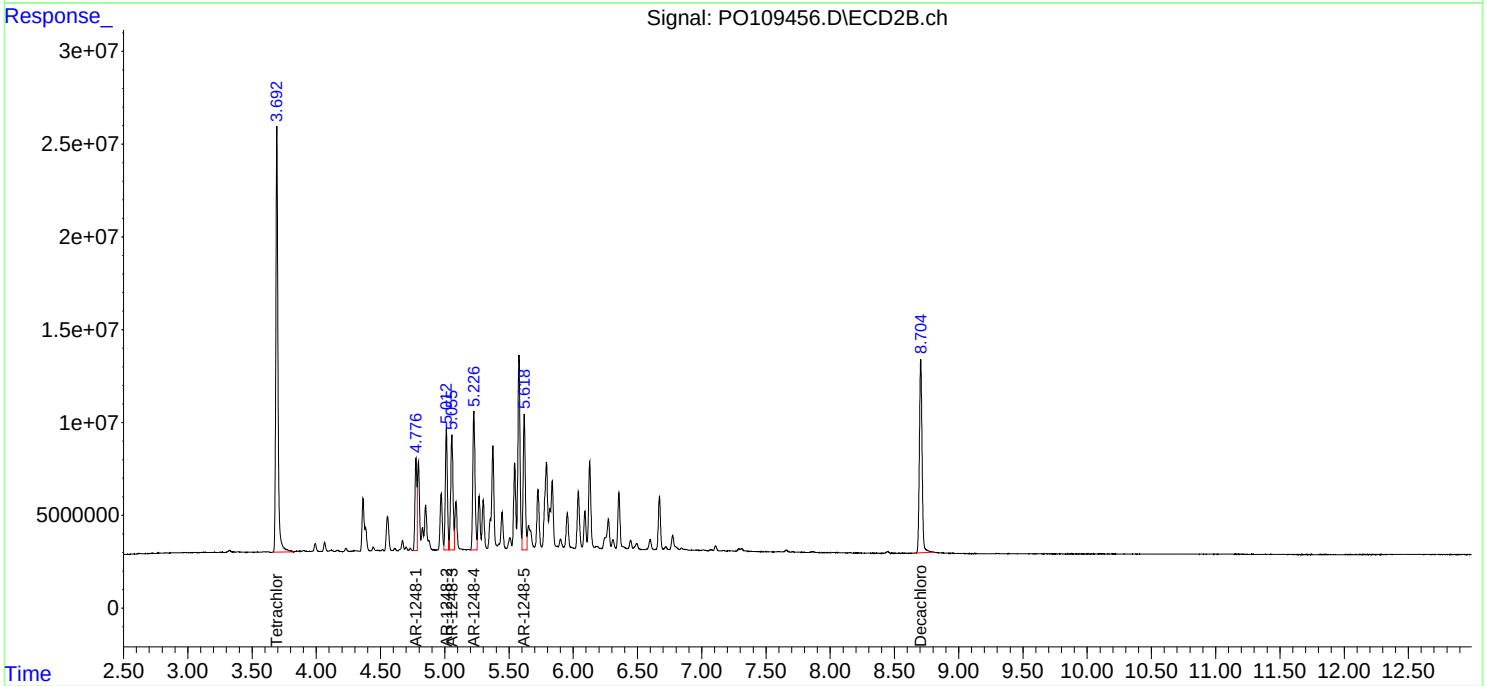
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109456.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:57
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

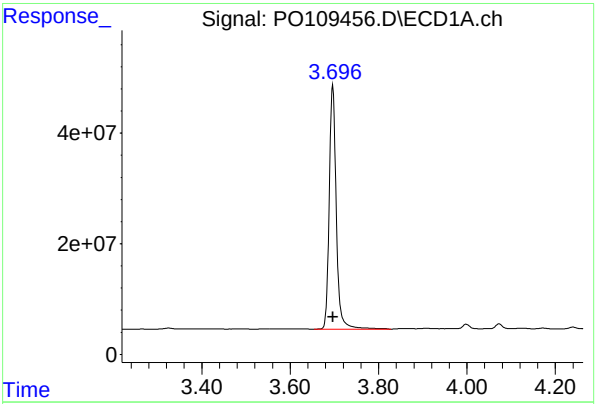
Instrument :
ECD_O
ClientSampleId :
ICVPO022025AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:49:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:44:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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



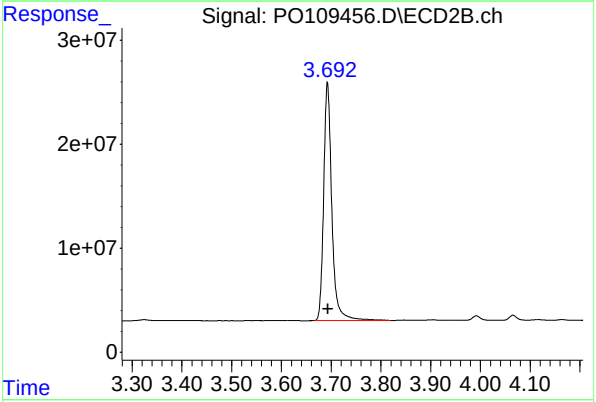




#1 Tetrachloro-m-xylene

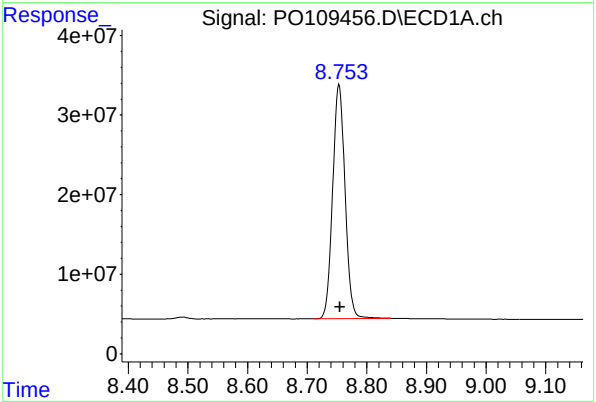
R.T.: 3.696 min
Delta R.T.: 0.000 min
Response: 490466268
Conc: 50.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO022025AR1248



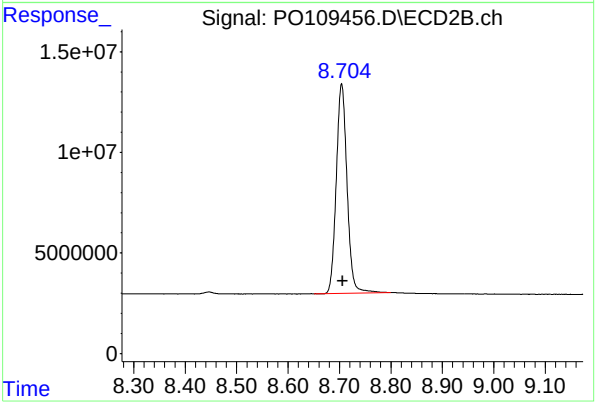
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 262069582
Conc: 50.19 ng/ml



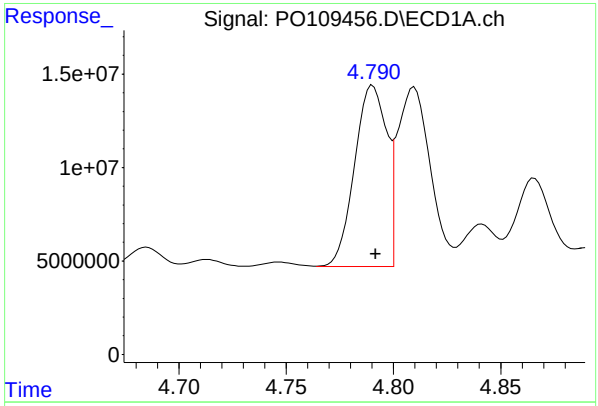
#2 Decachlorobiphenyl

R.T.: 8.754 min
Delta R.T.: -0.002 min
Response: 425323457
Conc: 51.02 ng/ml



#2 Decachlorobiphenyl

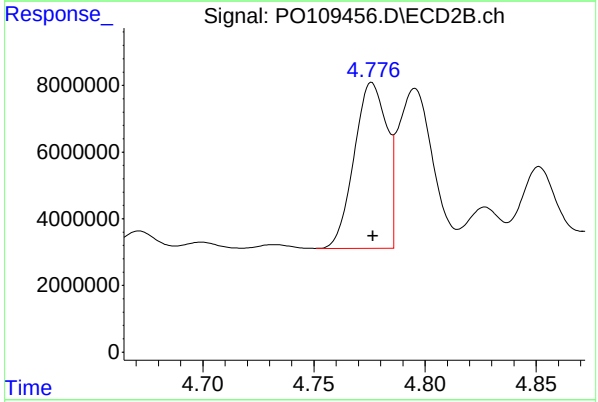
R.T.: 8.704 min
Delta R.T.: -0.002 min
Response: 152041432
Conc: 50.04 ng/ml



#21 AR-1248-1

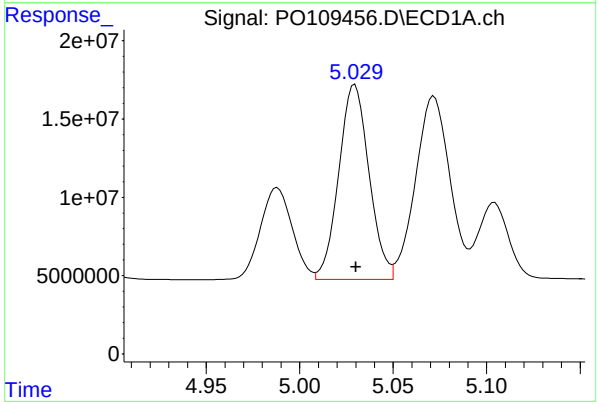
R.T.: 4.790 min
Delta R.T.: -0.001 min
Response: 100944244
Conc: 502.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO022025AR1248



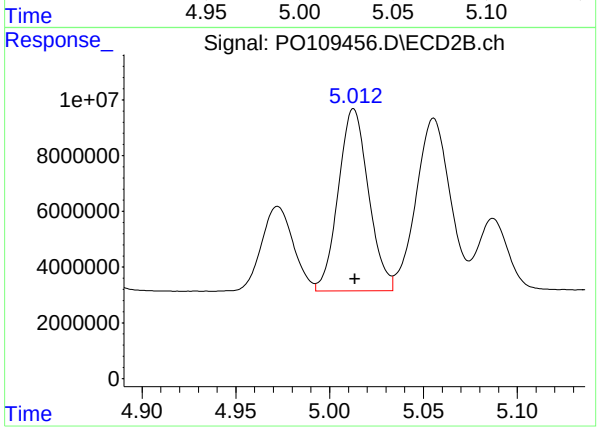
#21 AR-1248-1

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 50731291
Conc: 503.45 ng/ml



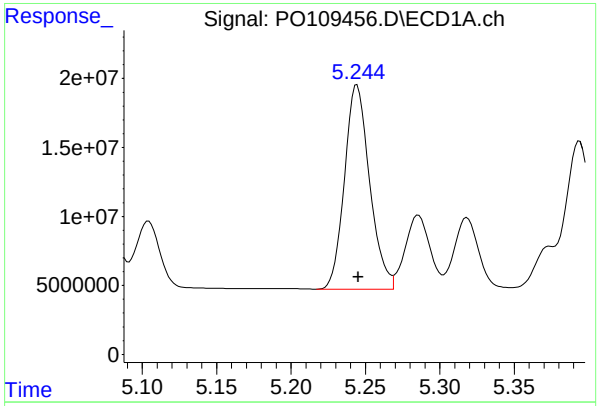
#22 AR-1248-2

R.T.: 5.030 min
Delta R.T.: 0.000 min
Response: 140472362
Conc: 498.74 ng/ml



#22 AR-1248-2

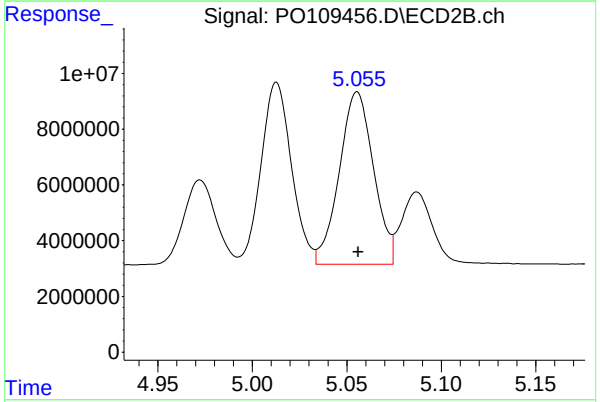
R.T.: 5.013 min
Delta R.T.: 0.000 min
Response: 73502388
Conc: 501.99 ng/ml



#23 AR-1248-3

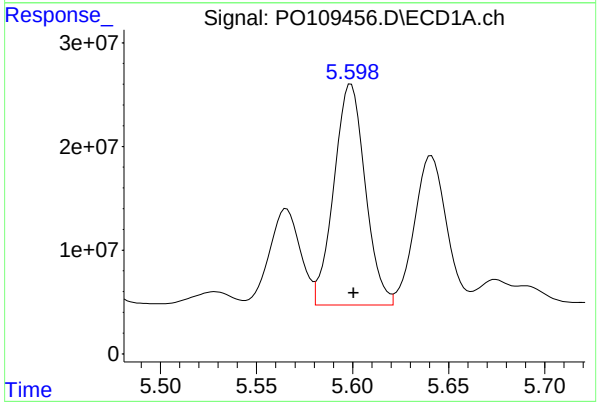
R.T.: 5.244 min
Delta R.T.: 0.000 min
Response: 174228920
Conc: 503.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO022025AR1248



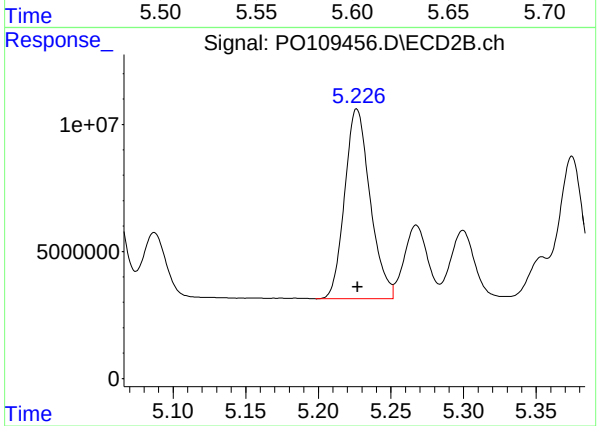
#23 AR-1248-3

R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 78184021
Conc: 502.14 ng/ml



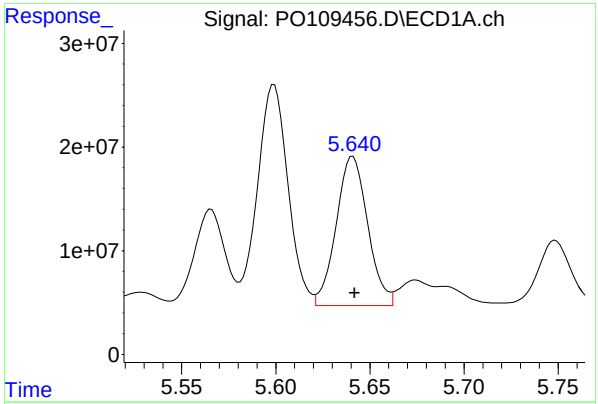
#24 AR-1248-4

R.T.: 5.599 min
Delta R.T.: -0.001 min
Response: 240275117
Conc: 501.43 ng/ml



#24 AR-1248-4

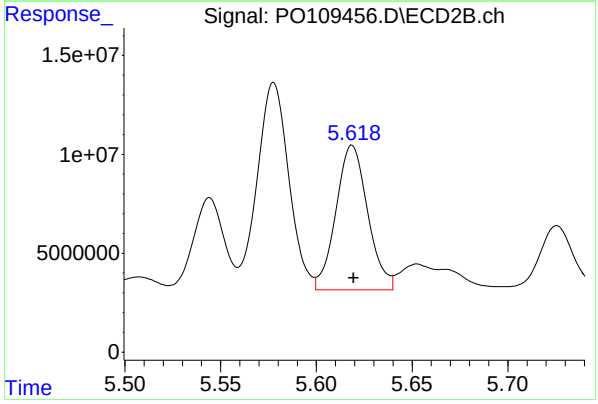
R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 91183159
Conc: 505.55 ng/ml



#25 AR-1248-5

R.T.: 5.641 min
Delta R.T.: 0.000 min
Response: 167514993
Conc: 496.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO022025AR1248



#25 AR-1248-5

R.T.: 5.619 min
Delta R.T.: 0.000 min
Response: 84456599
Conc: 498.05 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109457.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 02:15
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO022025AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 03:06:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 03:04:52 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...	3.696	3.693	499.8E6	265.5E6	50.778	50.913
2)	SA Decachlor...	8.755	8.705	431.6E6	154.0E6	50.609	50.133
	Target Compounds						
26)	L6 AR-1254-1	5.600	5.579	259.2E6	131.6E6	503.961	504.534
27)	L6 AR-1254-2	5.749	5.727	227.8E6	116.8E6	504.590	506.344
28)	L6 AR-1254-3	6.155	6.129	367.1E6	181.9E6	505.885	503.874
29)	L6 AR-1254-4	6.385	6.356	217.7E6	101.2E6	507.824	506.393
30)	L6 AR-1254-5	6.805	6.775	319.4E6	149.4E6	505.658	504.131

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

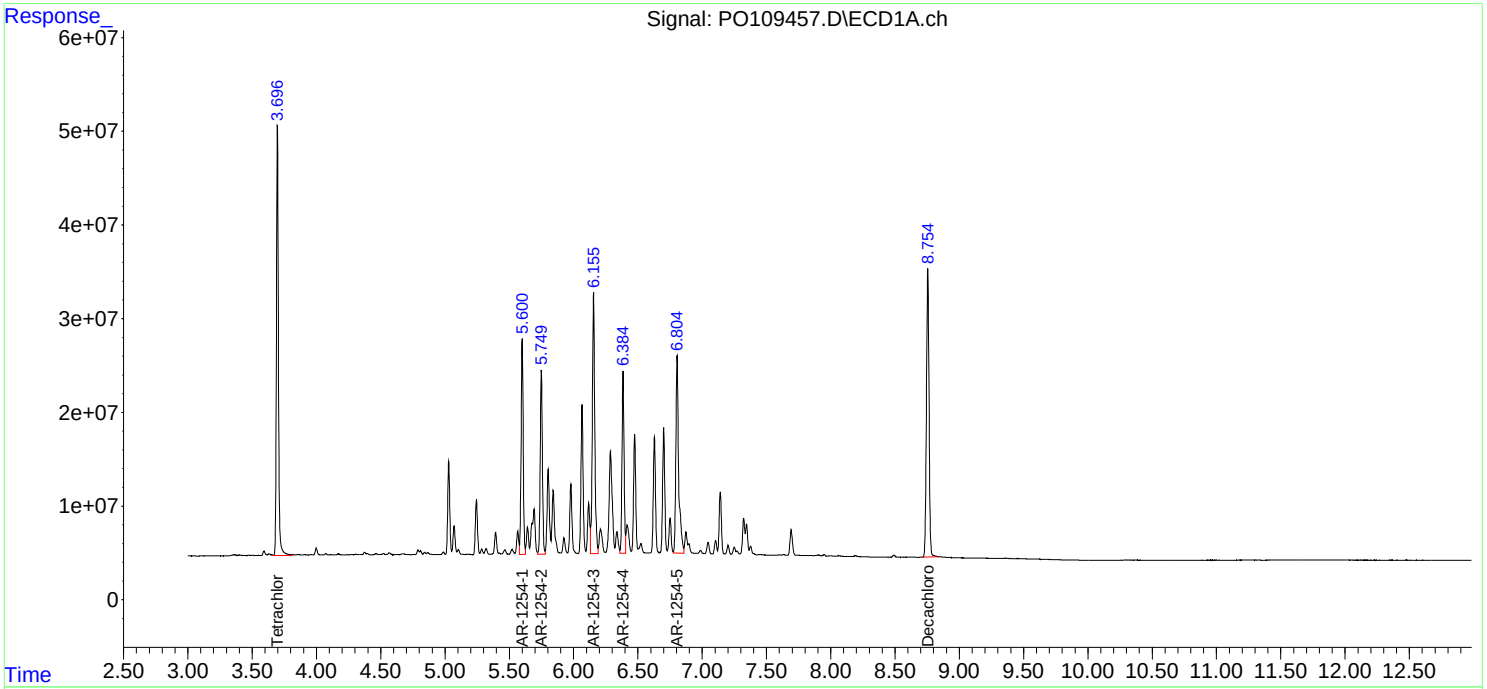
ICAL Form

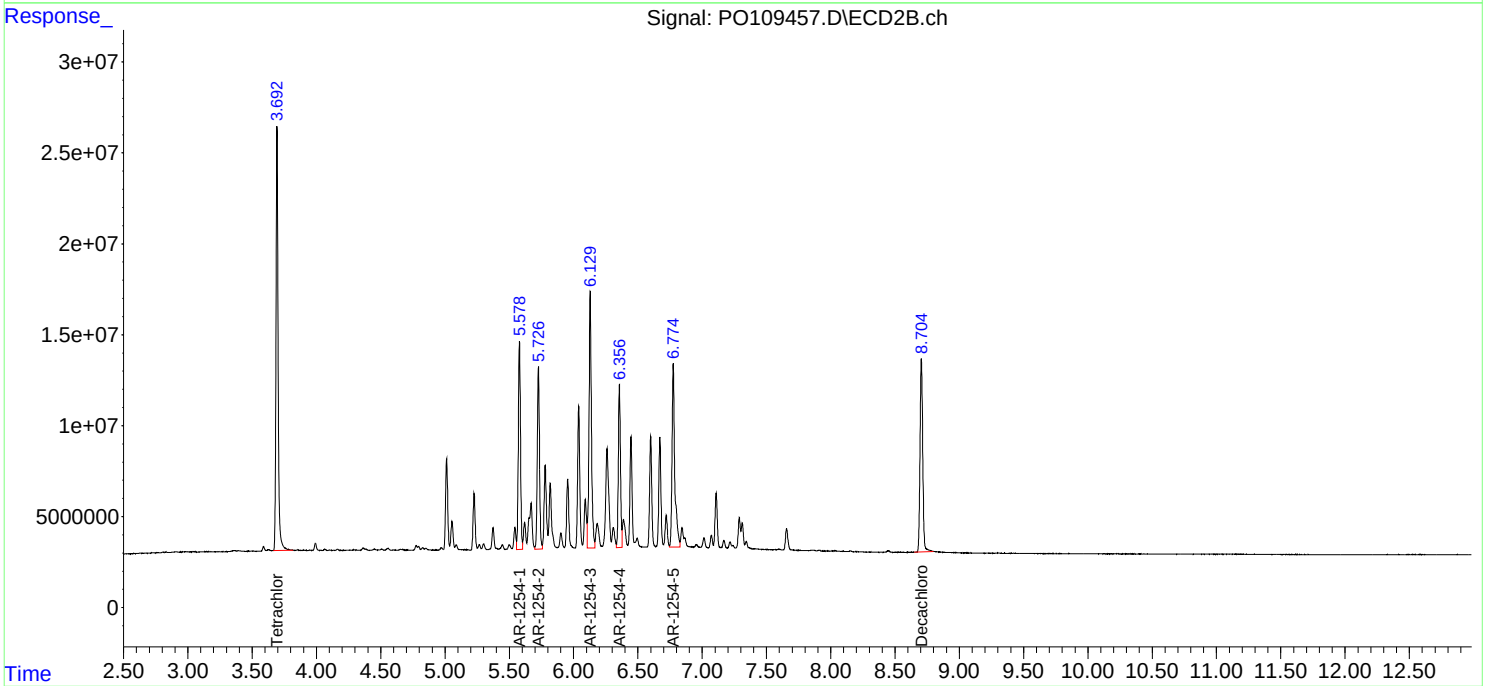
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109457.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 02:15
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

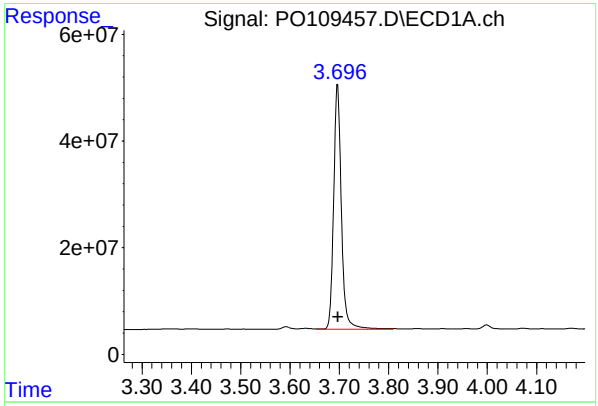
Instrument :
ECD_O
ClientSampleId :
ICVPO022025AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 03:06:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 03:04:52 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



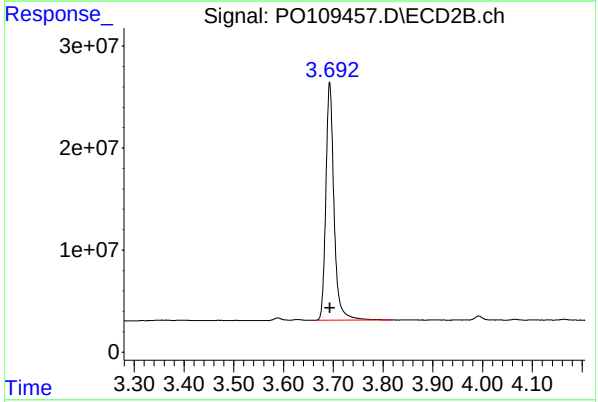




#1 Tetrachloro-m-xylene

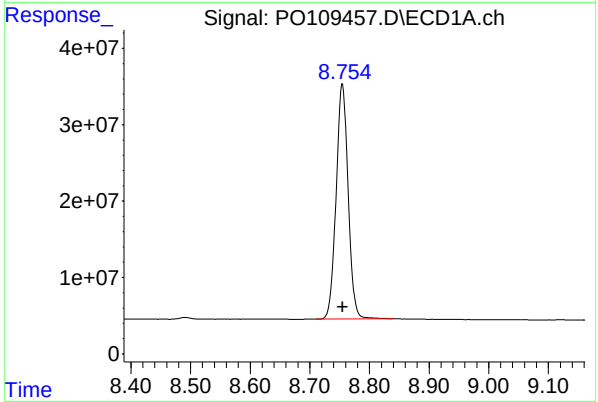
R.T.: 3.696 min
Delta R.T.: 0.000 min
Response: 499836032
Conc: 50.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO022025AR1254



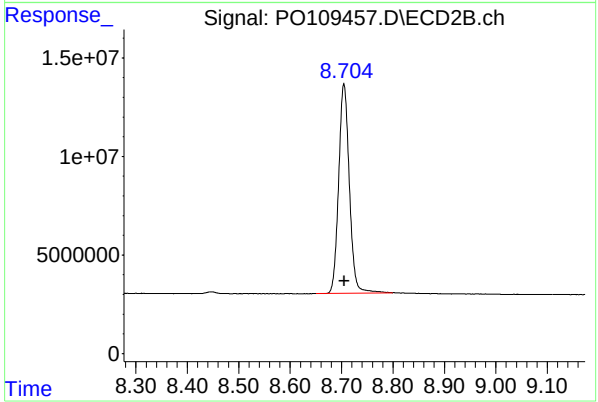
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 265489951
Conc: 50.91 ng/ml



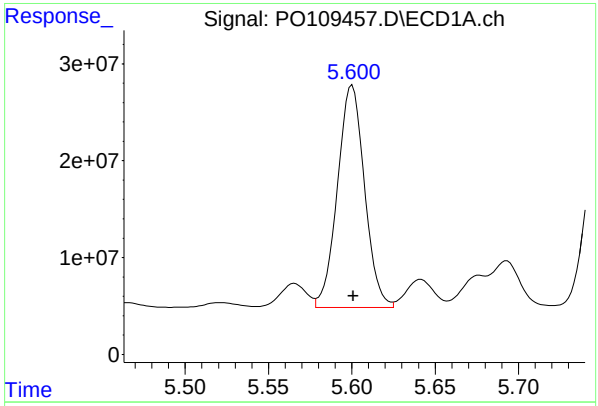
#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: 0.000 min
Response: 431607149
Conc: 50.61 ng/ml



#2 Decachlorobiphenyl

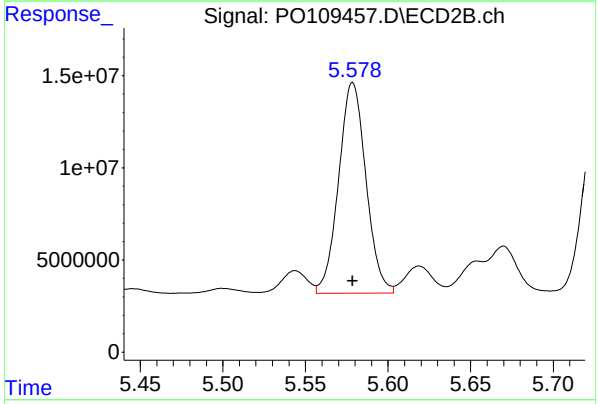
R.T.: 8.705 min
Delta R.T.: 0.000 min
Response: 154033700
Conc: 50.13 ng/ml



#26 AR-1254-1

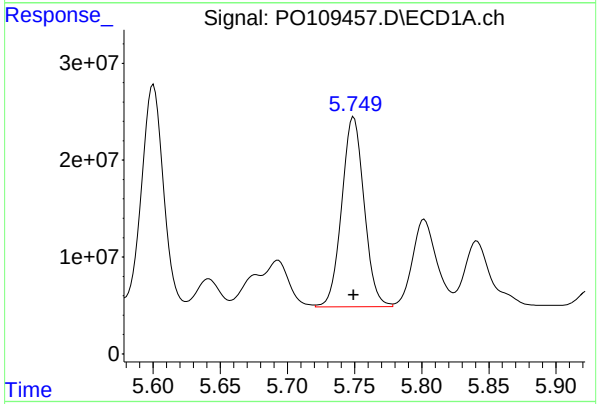
R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 259182509
Conc: 503.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO022025AR1254



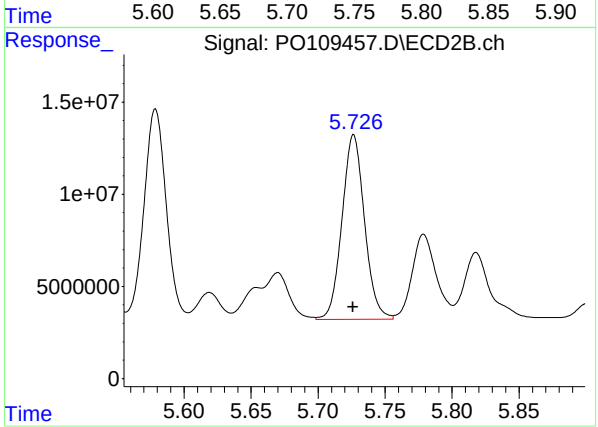
#26 AR-1254-1

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 131640242
Conc: 504.53 ng/ml



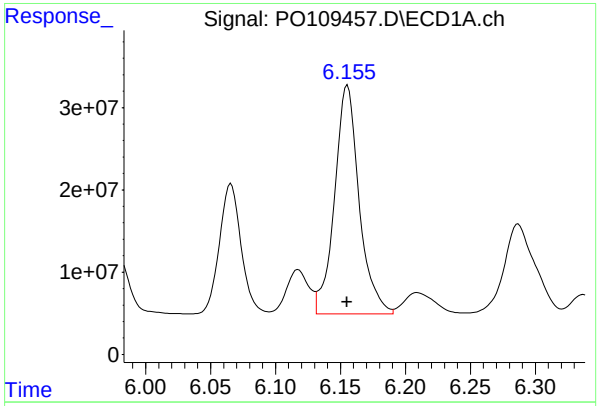
#27 AR-1254-2

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 227813435
Conc: 504.59 ng/ml



#27 AR-1254-2

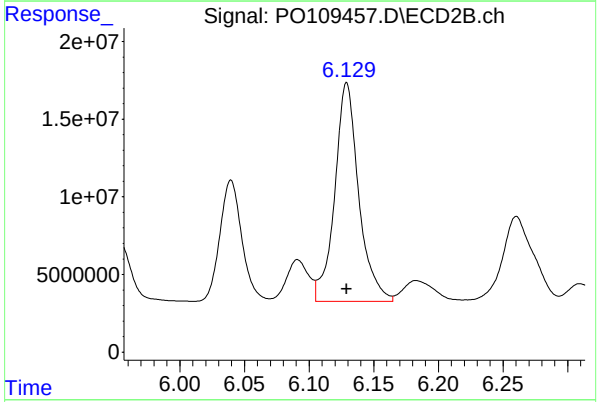
R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 116803575
Conc: 506.34 ng/ml



#28 AR-1254-3

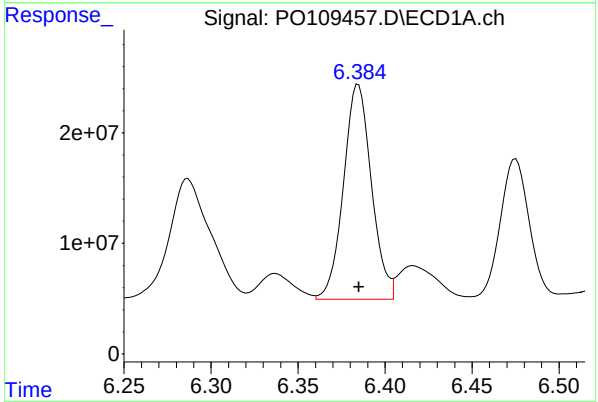
R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 367084723
Conc: 505.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO022025AR1254



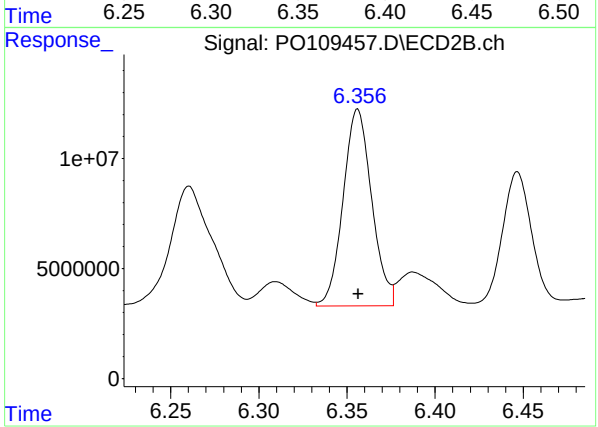
#28 AR-1254-3

R.T.: 6.129 min
Delta R.T.: 0.000 min
Response: 181873790
Conc: 503.87 ng/ml



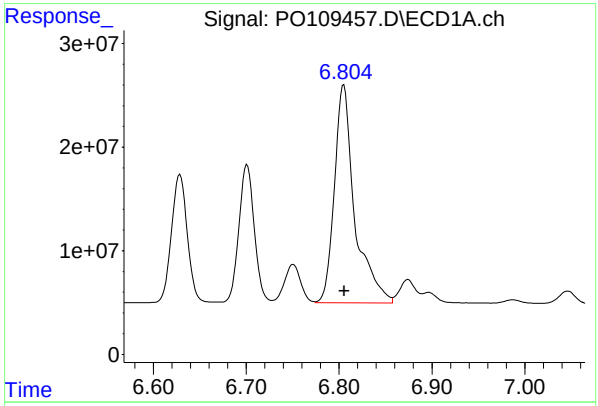
#29 AR-1254-4

R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 217729027
Conc: 507.82 ng/ml



#29 AR-1254-4

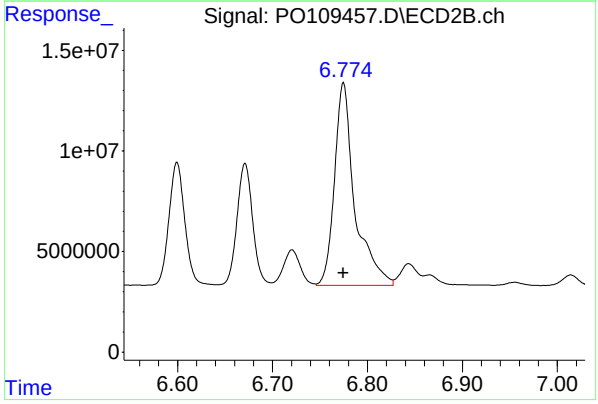
R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 101150355
Conc: 506.39 ng/ml



#30 AR-1254-5

R.T.: 6.805 min
Delta R.T.: 0.000 mi
Response: 319385335
Conc: 505.66 ng/m

Instrument :
ECD_O
ClientSampleId :
ICVPO022025AR1254



#30 AR-1254-5

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 149412622
Conc: 504.13 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109458.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 02:34
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO022025AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:18:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:14:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.696	3.693	505.7E6	272.2E6	50.812	51.081
2)	SA Decachlor...	8.754	8.704	737.4E6	260.5E6	50.951	50.843
	Target Compounds						
41)	L9 AR-1268-1	7.631	7.596	670.6E6	287.4E6	508.735	509.428
42)	L9 AR-1268-2	7.696	7.660	616.2E6	265.8E6	510.180	510.135
43)	L9 AR-1268-3	7.905	7.868	517.0E6	214.7E6	510.419	510.625
44)	L9 AR-1268-4	8.193	8.152	213.4E6	83152742	507.822	509.893
45)	L9 AR-1268-5	8.491	8.446	1546.7E6	554.6E6	509.351	510.729

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

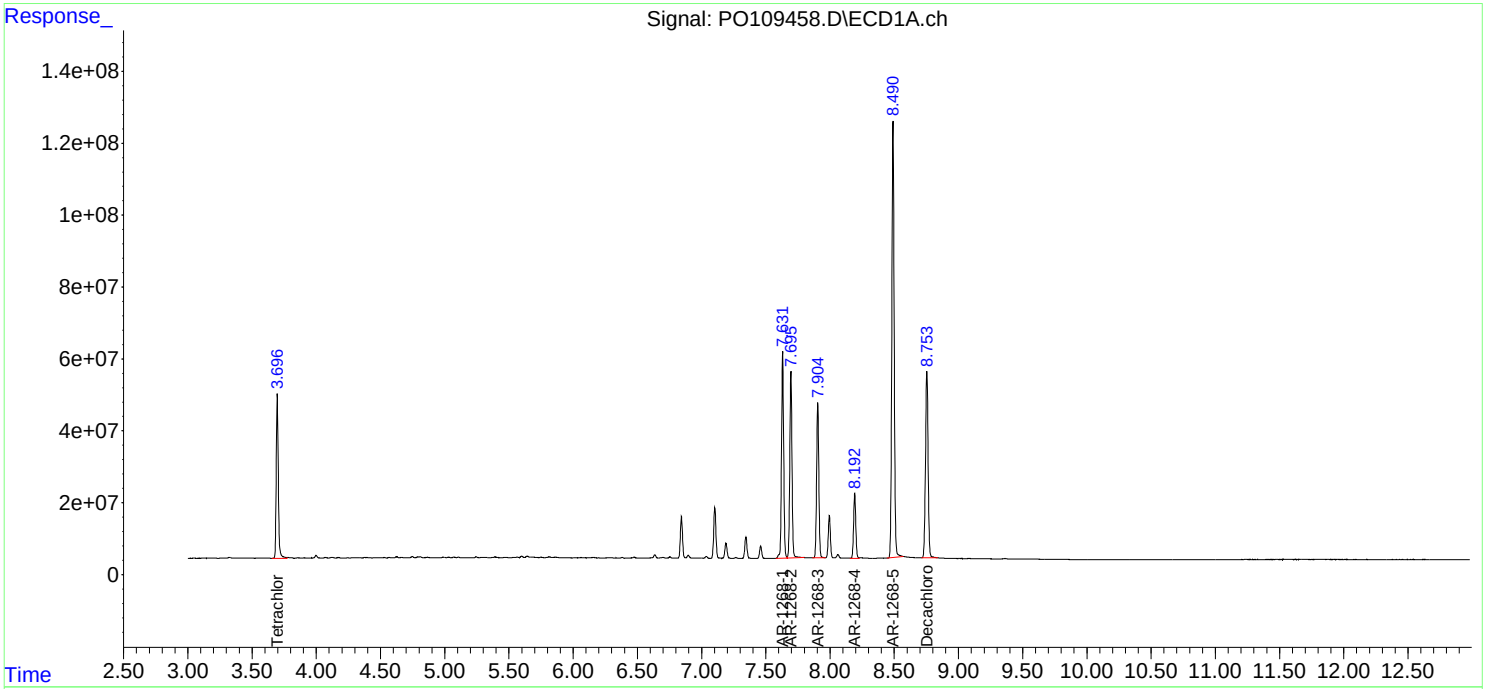
ICAL Form

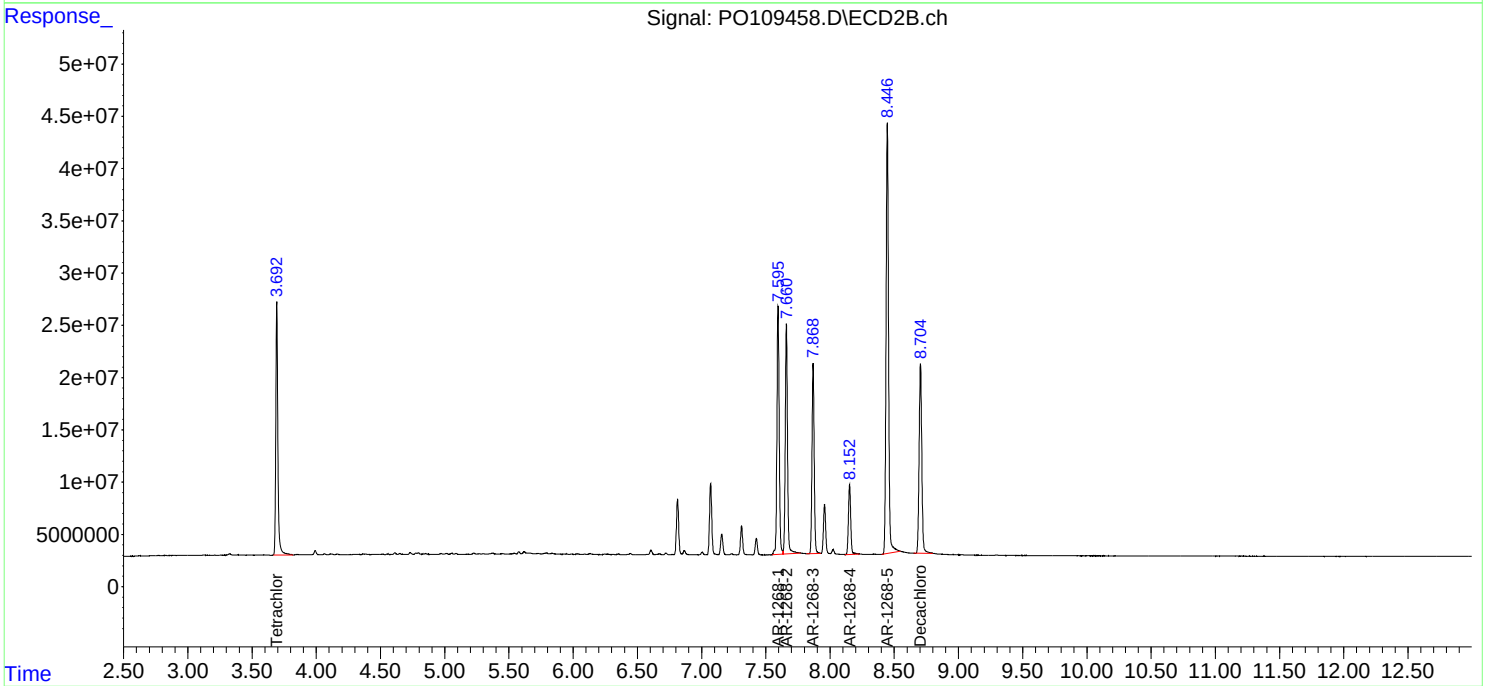
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109458.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 02:34
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

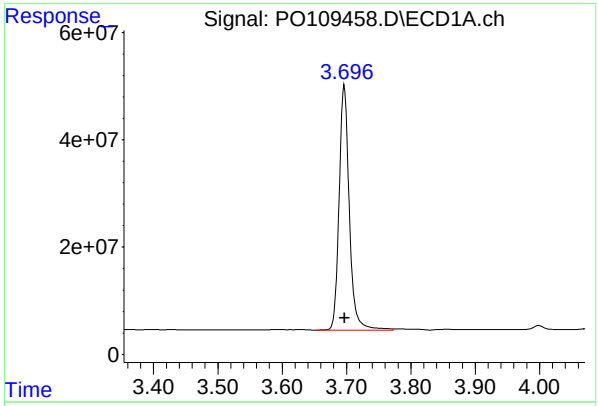
Instrument :
ECD_O
ClientSampleId :
ICVPO022025AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:18:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:14:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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



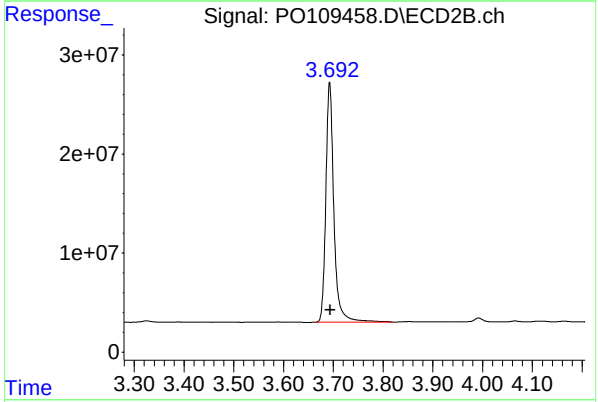




#1 Tetrachloro-m-xylene

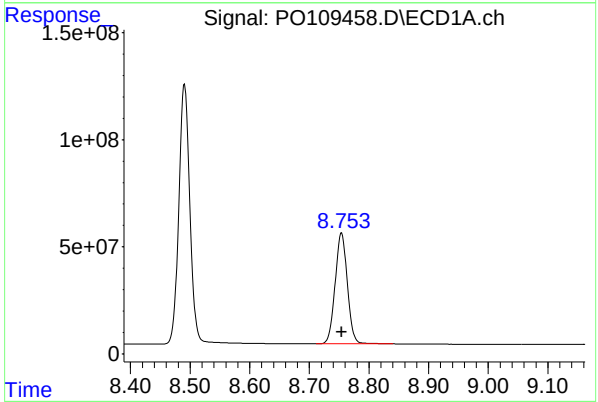
R.T.: 3.696 min
Delta R.T.: 0.000 min
Response: 505735426
Conc: 50.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO022025AR1268



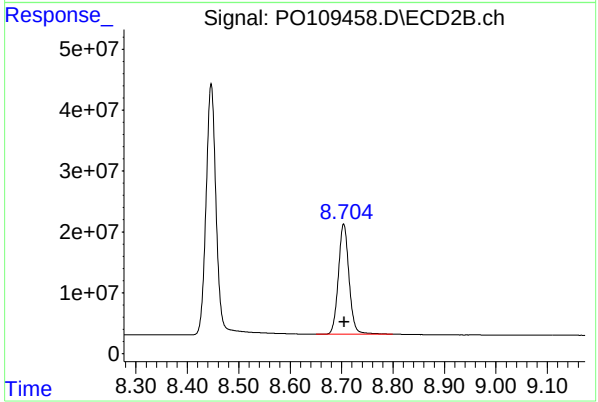
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 272175658
Conc: 51.08 ng/ml



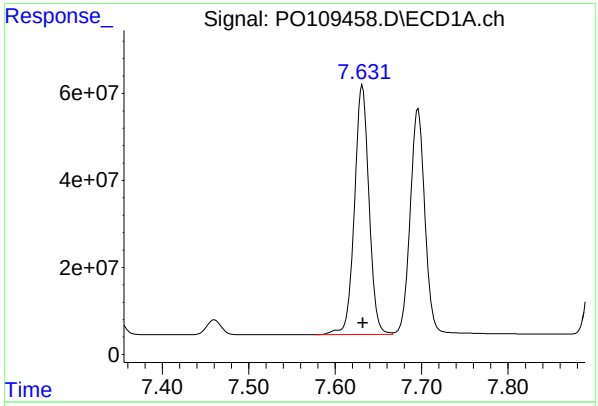
#2 Decachlorobiphenyl

R.T.: 8.754 min
Delta R.T.: 0.000 min
Response: 737364779
Conc: 50.95 ng/ml



#2 Decachlorobiphenyl

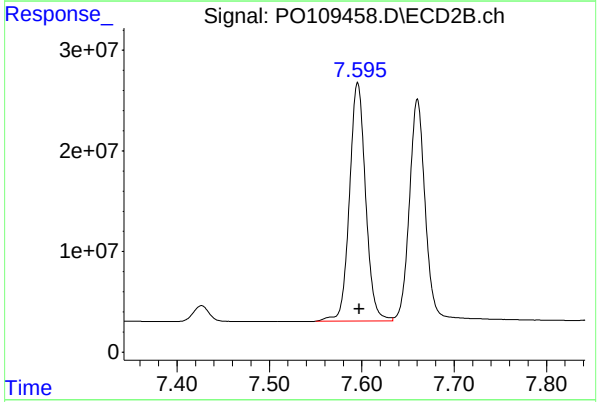
R.T.: 8.704 min
Delta R.T.: -0.001 min
Response: 260514608
Conc: 50.84 ng/ml



#41 AR-1268-1

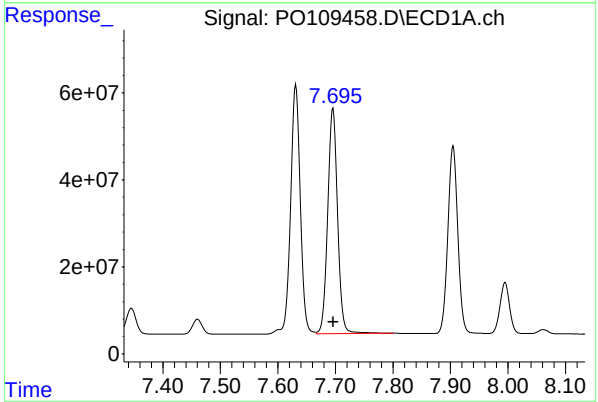
R.T.: 7.631 min
Delta R.T.: -0.001 min
Response: 670575826
Conc: 508.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO022025AR1268



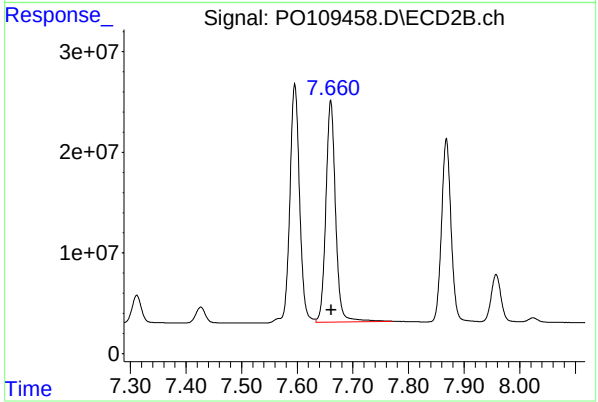
#41 AR-1268-1

R.T.: 7.596 min
Delta R.T.: -0.002 min
Response: 287406148
Conc: 509.43 ng/ml



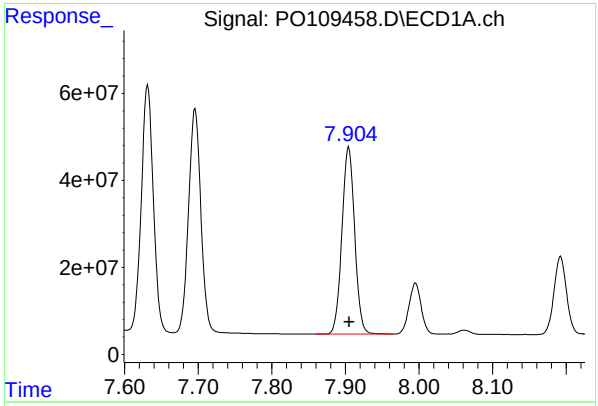
#42 AR-1268-2

R.T.: 7.696 min
Delta R.T.: 0.000 min
Response: 616237298
Conc: 510.18 ng/ml



#42 AR-1268-2

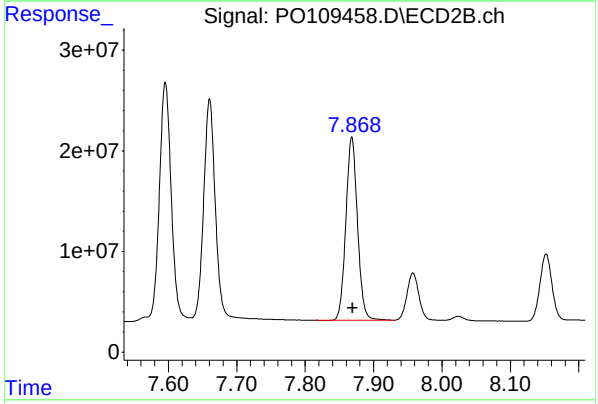
R.T.: 7.660 min
Delta R.T.: -0.001 min
Response: 265754580
Conc: 510.14 ng/ml



#43 AR-1268-3

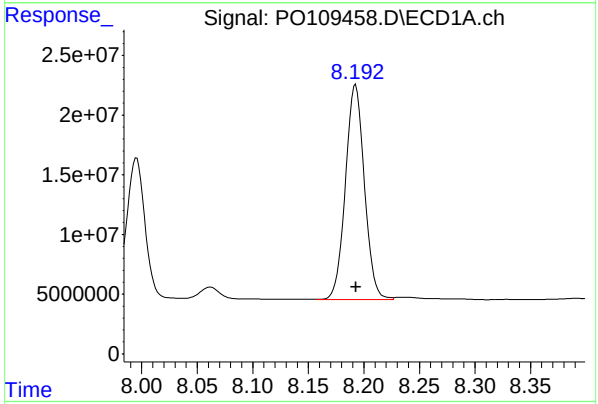
R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 516958750
Conc: 510.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO022025AR1268



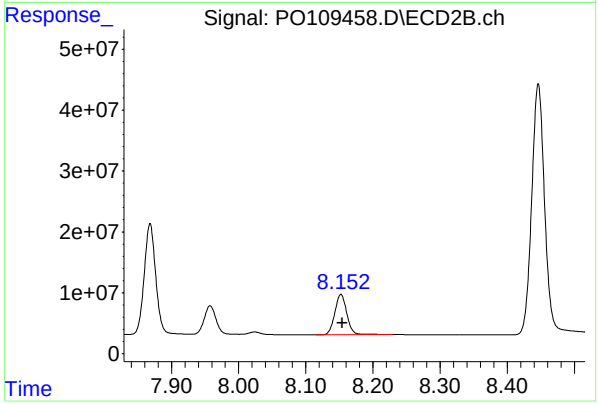
#43 AR-1268-3

R.T.: 7.868 min
Delta R.T.: -0.001 min
Response: 214730722
Conc: 510.62 ng/ml



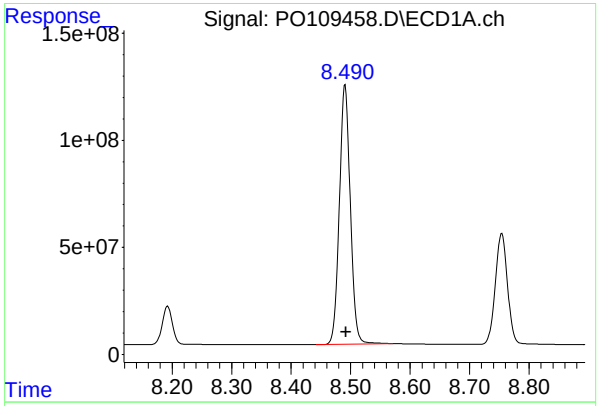
#44 AR-1268-4

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 213436849
Conc: 507.82 ng/ml



#44 AR-1268-4

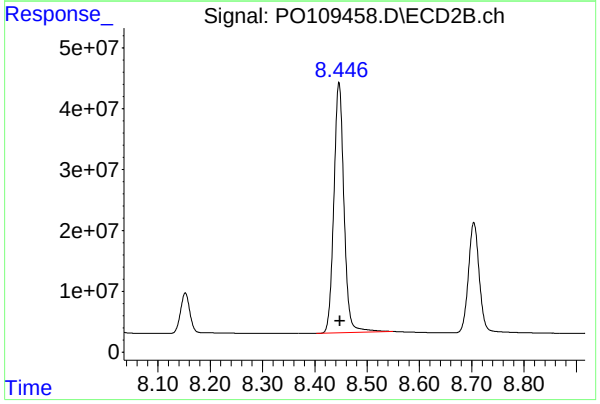
R.T.: 8.152 min
Delta R.T.: -0.002 min
Response: 83152742
Conc: 509.89 ng/ml



#45 AR-1268-5

R.T.: 8.491 min
Delta R.T.: -0.001 min
Response: 1546698404
Conc: 509.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO022025AR1268



#45 AR-1268-5

R.T.: 8.446 min
Delta R.T.: -0.002 min
Response: 554562757
Conc: 510.73 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: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Instrument ID: ECD_P **Calibration Date(s):** 03/11/2025 03/11/2025

Calibration Times: 15:13 23:38

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

LAB FILE ID: RT 1000 = PP070419.D RT 750 = PP070420.D

RT 500 = PP070421.D RT 250 = PP070422.D RT 050 = PP070423.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.68	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Aroclor-1016-2	(2)	5.70	5.70	5.70	5.70	5.70	5.70	5.60	5.80
Aroclor-1016-3	(3)	5.76	5.76	5.76	5.76	5.76	5.76	5.66	5.86
Aroclor-1016-4	(4)	5.86	5.86	5.86	5.86	5.86	5.86	5.76	5.96
Aroclor-1016-5	(5)	6.15	6.15	6.15	6.15	6.15	6.15	6.05	6.25
Aroclor-1260-1	(1)	7.27	7.27	7.27	7.27	7.27	7.27	7.17	7.37
Aroclor-1260-2	(2)	7.53	7.52	7.53	7.53	7.53	7.53	7.43	7.63
Aroclor-1260-3	(3)	7.89	7.88	7.88	7.89	7.89	7.88	7.78	7.98
Aroclor-1260-4	(4)	8.11	8.11	8.11	8.11	8.11	8.11	8.01	8.21
Aroclor-1260-5	(5)	8.43	8.43	8.43	8.43	8.43	8.43	8.33	8.53
Decachlorobiphenyl		10.25	10.25	10.25	10.26	10.25	10.25	10.15	10.35
Tetrachloro-m-xylene		4.53	4.52	4.52	4.53	4.53	4.53	4.43	4.63
Aroclor-1232-1	(1)	4.89	4.89	4.89	4.89	4.89	4.89	4.79	4.99
Aroclor-1232-2	(2)	5.41	5.41	5.41	5.41	5.41	5.41	5.31	5.51
Aroclor-1232-3	(3)	5.70	5.70	5.70	5.70	5.70	5.70	5.60	5.80
Aroclor-1232-4	(4)	5.86	5.86	5.86	5.86	5.86	5.86	5.76	5.96
Aroclor-1232-5	(5)	5.95	5.95	5.95	5.95	5.94	5.95	5.85	6.05
Decachlorobiphenyl		10.25	10.25	10.25	10.25	10.26	10.25	10.15	10.35
Tetrachloro-m-xylene		4.53	4.53	4.53	4.53	4.53	4.53	4.43	4.63
Aroclor-1242-1	(1)	5.68	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Aroclor-1242-2	(2)	5.70	5.70	5.70	5.70	5.70	5.70	5.60	5.80
Aroclor-1242-3	(3)	5.76	5.76	5.76	5.76	5.76	5.76	5.66	5.86
Aroclor-1242-4	(4)	5.86	5.86	5.86	5.86	5.86	5.86	5.76	5.96
Aroclor-1242-5	(5)	6.59	6.59	6.59	6.59	6.59	6.59	6.49	6.69
Decachlorobiphenyl		10.25	10.25	10.25	10.25	10.25	10.25	10.15	10.35
Tetrachloro-m-xylene		4.53	4.53	4.53	4.52	4.53	4.53	4.43	4.63
Aroclor-1248-1	(1)	5.68	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Aroclor-1248-2	(2)	5.95	5.95	5.95	5.95	5.95	5.95	5.85	6.05
Aroclor-1248-3	(3)	6.15	6.15	6.15	6.15	6.15	6.15	6.05	6.25
Aroclor-1248-4	(4)	6.55	6.55	6.55	6.55	6.55	6.55	6.45	6.65
Aroclor-1248-5	(5)	6.59	6.59	6.59	6.59	6.59	6.59	6.49	6.69
Decachlorobiphenyl		10.25	10.25	10.25	10.25	10.25	10.25	10.15	10.35
Tetrachloro-m-xylene		4.53	4.52	4.52	4.52	4.52	4.52	4.42	4.62
Aroclor-1254-1	(1)	6.53	6.53	6.53	6.52	6.53	6.53	6.43	6.63
Aroclor-1254-2	(2)	6.74	6.74	6.75	6.74	6.74	6.74	6.64	6.84
Aroclor-1254-3	(3)	7.11	7.11	7.11	7.10	7.11	7.11	7.01	7.21
Aroclor-1254-4	(4)	7.39	7.39	7.39	7.39	7.39	7.39	7.29	7.49
Aroclor-1254-5	(5)	7.81	7.81	7.81	7.80	7.81	7.81	7.71	7.91

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

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl		10.25	10.25	10.25	10.25	10.25	10.25	10.15	10.35
Tetrachloro-m-xylene		4.53	4.52	4.53	4.52	4.53	4.53	4.43	4.63
Aroclor-1268-1	(1)	8.75	8.74	8.74	8.74	8.75	8.74	8.64	8.84
Aroclor-1268-2	(2)	8.84	8.84	8.83	8.83	8.84	8.84	8.74	8.94
Aroclor-1268-3	(3)	9.07	9.07	9.07	9.07	9.07	9.07	8.97	9.17
Aroclor-1268-4	(4)	9.49	9.49	9.49	9.49	9.49	9.49	9.39	9.59
Aroclor-1268-5	(5)	9.91	9.91	9.90	9.91	9.91	9.91	9.81	10.01
Decachlorobiphenyl		10.25	10.25	10.25	10.25	10.25	10.25	10.15	10.35
Tetrachloro-m-xylene		4.53	4.53	4.52	4.52	4.53	4.53	4.43	4.63

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: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Instrument ID: ECD_P **Calibration Date(s):** 03/11/2025 03/11/2025

Calibration Times: 15:13 23:38

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

LAB FILE ID: RT 1000 = PP070419.D RT 750 = PP070420.D

RT 500 = PP070421.D RT 250 = PP070422.D RT 050 = PP070423.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1016-2	(2)	4.94	4.94	4.94	4.94	4.94	4.94	4.84	5.04
Aroclor-1016-3	(3)	5.11	5.11	5.11	5.11	5.11	5.11	5.01	5.21
Aroclor-1016-4	(4)	5.15	5.15	5.15	5.15	5.15	5.15	5.05	5.25
Aroclor-1016-5	(5)	5.37	5.37	5.37	5.37	5.37	5.37	5.27	5.47
Aroclor-1260-1	(1)	6.41	6.41	6.41	6.41	6.41	6.41	6.31	6.51
Aroclor-1260-2	(2)	6.59	6.59	6.60	6.59	6.59	6.59	6.49	6.69
Aroclor-1260-3	(3)	6.75	6.75	6.75	6.75	6.75	6.75	6.65	6.85
Aroclor-1260-4	(4)	7.22	7.22	7.22	7.22	7.22	7.22	7.12	7.32
Aroclor-1260-5	(5)	7.46	7.46	7.46	7.46	7.46	7.46	7.36	7.56
Decachlorobiphenyl		8.88	8.88	8.88	8.88	8.88	8.88	8.78	8.98
Tetrachloro-m-xylene		3.83	3.83	3.83	3.83	3.83	3.83	3.73	3.93
Aroclor-1232-1	(1)	4.20	4.20	4.20	4.20	4.20	4.20	4.10	4.30
Aroclor-1232-2	(2)	4.94	4.94	4.94	4.94	4.93	4.94	4.84	5.04
Aroclor-1232-3	(3)	5.11	5.11	5.11	5.11	5.11	5.11	5.01	5.21
Aroclor-1232-4	(4)	5.20	5.20	5.20	5.20	5.20	5.20	5.10	5.30
Aroclor-1232-5	(5)	5.37	5.37	5.37	5.37	5.37	5.37	5.27	5.47
Decachlorobiphenyl		8.88	8.88	8.88	8.88	8.88	8.88	8.78	8.98
Tetrachloro-m-xylene		3.83	3.83	3.83	3.83	3.83	3.83	3.73	3.93
Aroclor-1242-1	(1)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1242-2	(2)	4.94	4.94	4.94	4.94	4.93	4.94	4.84	5.04
Aroclor-1242-3	(3)	5.11	5.11	5.11	5.11	5.11	5.11	5.01	5.21
Aroclor-1242-4	(4)	5.20	5.20	5.20	5.20	5.20	5.20	5.10	5.30
Aroclor-1242-5	(5)	5.72	5.72	5.72	5.72	5.72	5.72	5.62	5.82
Decachlorobiphenyl		8.88	8.88	8.88	8.88	8.88	8.88	8.78	8.98
Tetrachloro-m-xylene		3.83	3.83	3.83	3.83	3.83	3.83	3.73	3.93
Aroclor-1248-1	(1)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1248-2	(2)	5.15	5.15	5.15	5.15	5.15	5.15	5.05	5.25
Aroclor-1248-3	(3)	5.20	5.20	5.20	5.20	5.20	5.20	5.10	5.30
Aroclor-1248-4	(4)	5.37	5.37	5.37	5.37	5.37	5.37	5.27	5.47
Aroclor-1248-5	(5)	5.76	5.76	5.76	5.76	5.76	5.76	5.66	5.86
Decachlorobiphenyl		8.88	8.88	8.88	8.88	8.88	8.88	8.78	8.98
Tetrachloro-m-xylene		3.83	3.83	3.83	3.83	3.83	3.83	3.73	3.93
Aroclor-1254-1	(1)	5.72	5.72	5.72	5.72	5.72	5.72	5.62	5.82
Aroclor-1254-2	(2)	5.87	5.87	5.87	5.87	5.87	5.87	5.77	5.97
Aroclor-1254-3	(3)	6.28	6.28	6.27	6.27	6.28	6.28	6.18	6.38
Aroclor-1254-4	(4)	6.50	6.50	6.50	6.50	6.50	6.50	6.40	6.60
Aroclor-1254-5	(5)	6.92	6.92	6.92	6.92	6.92	6.92	6.82	7.02

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

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl		8.88	8.88	8.88	8.88	8.88	8.88	8.78	8.98
Tetrachloro-m-xylene		3.83	3.83	3.83	3.83	3.83	3.83	3.73	3.93
Aroclor-1268-1	(1)	7.74	7.74	7.74	7.74	7.74	7.74	7.64	7.84
Aroclor-1268-2	(2)	7.81	7.81	7.81	7.81	7.81	7.81	7.71	7.91
Aroclor-1268-3	(3)	8.02	8.02	8.02	8.01	8.01	8.02	7.92	8.12
Aroclor-1268-4	(4)	8.31	8.31	8.31	8.31	8.31	8.31	8.21	8.41
Aroclor-1268-5	(5)	8.61	8.61	8.61	8.61	8.61	8.61	8.51	8.71
Decachlorobiphenyl		8.88	8.88	8.88	8.88	8.88	8.88	8.78	8.98
Tetrachloro-m-xylene		3.83	3.83	3.83	3.83	3.83	3.83	3.73	3.93

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: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Instrument ID: ECD_P **Calibration Date(s):** 03/11/2025 03/11/2025

Calibration Times: 15:13 23:38

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

LAB FILE ID: **CF 1000 =** PP070419.D **CF 750 =** PP070420.D

CF 500 = PP070421.D **CF 250 =** PP070422.D **CF 050 =** PP070423.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	46284919	48624555	51195480	56320148	56830900	51851200	9
Aroclor-1016-2	(2)	68727144	72260815	75092688	79473188	62170340	71544835	9
Aroclor-1016-3	(3)	41881157	43836071	46346194	49629608	45996640	45537934	6
Aroclor-1016-4	(4)	34693414	37117197	39579046	42287028	41512180	39037773	8
Aroclor-1016-5	(5)	32535779	33720589	35503344	36571056	34779300	34622014	5
Aroclor-1260-1	(1)	55067637	58265401	60660348	63250936	56446720	58738208	6
Aroclor-1260-2	(2)	75483004	79277409	82983970	87347188	85123440	82043002	6
Aroclor-1260-3	(3)	62678610	64989695	68010270	70682128	62427680	65757677	5
Aroclor-1260-4	(4)	60990738	64683661	66152948	69503548	65382940	65342767	5
Aroclor-1260-5	(5)	130557968	135103443	140419232	146528904	130778620	136677633	5
Decachlorobiphenyl		1005446690	1044219213	1084386360	1134008440	1043654800	1062343101	5
Tetrachloro-m-xylene		1462968010	1529300040	1575427920	1661278640	1547936200	1555382162	5
Aroclor-1232-1	(1)	31812517	33409335	34815870	38072588	39676960	35557454	9
Aroclor-1232-2	(2)	16331114	17367928	17709532	17293972	15638140	16868137	5
Aroclor-1232-3	(3)	33685372	35206453	37651060	39178940	37126640	36569693	6
Aroclor-1232-4	(4)	17112653	18207945	18881288	20579940	20189680	18994301	8
Aroclor-1232-5	(5)	12358074	13019340	13596998	11696560	14140280	12962250	7
Decachlorobiphenyl		1007346640	1061633867	1110112680	1150608440	1055455400	1077031405	5
Tetrachloro-m-xylene		1503870440	1587673493	1628432540	1684437880	1564380200	1593758911	4
Aroclor-1242-1	(1)	39253435	41704367	43482132	47856472	49946320	44448545	10
Aroclor-1242-2	(2)	58252556	60113944	62228844	66050560	60258320	61380845	5
Aroclor-1242-3	(3)	35362447	36380501	38652894	41645404	33464760	37101201	9
Aroclor-1242-4	(4)	29479509	30833784	32552722	35082164	32717220	32133080	7
Aroclor-1242-5	(5)	29991669	31404576	32011208	32699504	29130640	31047519	5
Decachlorobiphenyl		1017143570	1063398627	1098678020	1146617040	1019213600	1069010171	5
Tetrachloro-m-xylene		1483500490	1538532373	1587702840	1655080400	1578490200	1568661261	4
Aroclor-1248-1	(1)	30241509	31836707	34371560	37879708	36450300	34155957	9
Aroclor-1248-2	(2)	39839483	41732589	44072986	47187728	39403540	42447265	8
Aroclor-1248-3	(3)	43671743	45535401	47272778	48829472	45433820	46148643	4
Aroclor-1248-4	(4)	52673121	54800967	57547552	61348180	63586480	57991260	8
Aroclor-1248-5	(5)	49495855	52225937	54279376	57435820	54999800	53687358	6
Decachlorobiphenyl		1018745530	1065079280	1110066380	1164168240	1044426200	1080497126	5
Tetrachloro-m-xylene		1464367110	1509550200	1593080400	1654989520	1637278400	1571853126	5
Aroclor-1254-1	(1)	52191144	54776691	58408862	62528540	58393680	57259783	7

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1254-2	(2)	76163232	79292283	83746208	89006644	77052340	81052141	7
Aroclor-1254-3	(3)	78867294	81324341	86343146	90140028	84184220	84171806	5
Aroclor-1254-4	(4)	65665428	68036704	71633390	75767876	69582520	70137184	5
Aroclor-1254-5	(5)	65604720	67856063	71049052	74607116	70169360	69857262	5
Decachlorobiphenyl		1051774640	1084735960	1131757040	1190025520	1071423800	1105943392	5
Tetrachloro-m-xylene		1491401080	1547951320	1596952960	1679816880	1638007800	1590826008	5
Aroclor-1268-1	(1)	188529701	191493623	201496426	211079324	198399040	198199623	4
Aroclor-1268-2	(2)	162712211	165423828	173208520	180425992	166812140	169716538	4
Aroclor-1268-3	(3)	139964894	142620983	149835492	155687892	143563980	146334648	4
Aroclor-1268-4	(4)	62601215	63262983	66177076	67604984	59759620	63881176	5
Aroclor-1268-5	(5)	401160937	407647449	423231624	443337256	421401480	419355749	4
Decachlorobiphenyl		1797305300	1841882720	1928545440	2018232880	1865263000	1890245868	5
Tetrachloro-m-xylene		1559644910	1556664040	1644040220	1708675120	1710882200	1635981298	5

Raw Data

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Instrument ID: ECD_P **Calibration Date(s):** 03/11/2025 03/11/2025

Calibration Times: 15:13 23:38

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

LAB FILE ID: **CF 1000 =** PP070419.D **CF 750 =** PP070420.D

CF 500 = PP070421.D **CF 250 =** PP070422.D **CF 050 =** PP070423.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	31619052	35012463	36116294	39457560	37557300	35952534	8
Aroclor-1016-2	(2)	44662617	48866077	51001758	55603496	59699380	51966666	11
Aroclor-1016-3	(3)	24906943	27191785	28703256	30683884	30781120	28453398	9
Aroclor-1016-4	(4)	19770953	21670935	22902960	24389748	23214920	22389903	8
Aroclor-1016-5	(5)	25646269	27397575	29268330	32409960	33872260	29718879	11
Aroclor-1260-1	(1)	45267436	47641613	50061678	53643092	52308080	49784380	7
Aroclor-1260-2	(2)	60652513	64073769	66616364	70066968	69027800	66087483	6
Aroclor-1260-3	(3)	52248928	55432315	57823148	61011000	59471320	57197342	6
Aroclor-1260-4	(4)	47067710	49841909	53961982	55559372	49386640	51163523	7
Aroclor-1260-5	(5)	123950775	130046140	135804906	136761852	117362580	128785251	6
Decachlorobiphenyl		935400030	944501173	996009380	1027099200	988797000	978361357	4
Tetrachloro-m-xylene		901898260	976425347	1019517980	1052535320	1061027800	1002280941	7
Aroclor-1232-1	(1)	23977464	25043855	25876362	28218616	28432280	26309715	7
Aroclor-1232-2	(2)	23409194	24148587	25178540	27689696	28634420	25812087	9
Aroclor-1232-3	(3)	12864968	13117912	13753150	14320588	15988100	14008944	9
Aroclor-1232-4	(4)	10909254	11094221	11677434	12331552	12548800	11712252	6
Aroclor-1232-5	(5)	12122932	12663212	13051746	13538632	13963480	13068000	6
Decachlorobiphenyl		923591970	934486067	965069440	1131453800	1083832600	1007686775	9
Tetrachloro-m-xylene		981294310	1023698747	1027014040	1102661240	1188146200	1064562907	8
Aroclor-1242-1	(1)	28374294	28991207	30174104	32528448	32989020	30611415	7
Aroclor-1242-2	(2)	40120133	40663773	41940388	45612680	49650880	43597571	9
Aroclor-1242-3	(3)	22172127	22503904	23797688	25561184	25126720	23832325	6
Aroclor-1242-4	(4)	20777408	21261321	22368954	23941300	21863540	22042505	6
Aroclor-1242-5	(5)	26011255	26949576	28142034	29660872	28841860	27921119	5
Decachlorobiphenyl		890780220	996610280	1018649180	1070124720	1151487200	1025530320	9
Tetrachloro-m-xylene		949681240	969479187	1000171980	1041407720	1043402000	1000828425	4
Aroclor-1248-1	(1)	21916865	22139940	24138102	25281632	23901120	23475532	6
Aroclor-1248-2	(2)	28154371	29147072	31604814	33306732	34304240	31303446	8
Aroclor-1248-3	(3)	29522180	30421332	32954472	34362676	31347200	31721572	6
Aroclor-1248-4	(4)	34974296	35760019	38441344	40862964	44827240	38973173	10
Aroclor-1248-5	(5)	34216861	35543065	38522800	40509348	41641320	38086679	8
Decachlorobiphenyl		933290630	982033680	1000188180	1068098600	1015594400	999841098	5
Tetrachloro-m-xylene		948607640	978544213	1031768560	1070844800	1068084800	1019570003	5
Aroclor-1254-1	(1)	49741488	53083060	56518628	60344088	61926700	56322793	9

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1254-2	(2)	43195538	45981229	48525194	52438220	54392240	48906484	9
Aroclor-1254-3	(3)	69004581	72181184	75732026	81417896	78754240	75417985	7
Aroclor-1254-4	(4)	48529875	50966111	53417608	57048936	53797000	52751906	6
Aroclor-1254-5	(5)	63254548	65263447	68912458	73214624	74627960	69054607	7
Decachlorobiphenyl		966187920	982212947	1086993960	1153126680	1151501200	1068004541	8
Tetrachloro-m-xylene		967205180	984098413	1019987640	1086171680	989309800	1009354543	5
Aroclor-1268-1	(1)	168373725	166057156	179047242	187011272	174871700	175072219	5
Aroclor-1268-2	(2)	142006892	140092196	149842434	153490708	144862740	146058994	4
Aroclor-1268-3	(3)	125351560	120465205	129564250	133099628	133160800	128328289	4
Aroclor-1268-4	(4)	54287293	53233979	56809814	58479952	52090820	54980372	5
Aroclor-1268-5	(5)	364151928	362236821	378313444	380892964	354578080	368034647	3
Decachlorobiphenyl		1632116030	1658280453	1742317540	1836812000	1806314000	1735168005	5
Tetrachloro-m-xylene		1019432100	1034489600	1102868440	1184868600	1114308600	1091193468	6

Raw Data

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Instrument ID: ECD_P **Date(s) Analyzed:** 03/11/2025 03/11/2025

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	4.73	4.63	4.83	19940100
		2	4.81	4.71	4.91	14608700
		3	4.89	4.79	4.99	44364600
		4	0.00			0
		5	0.00			0
Aroclor-1262	500	1	8.11	8.01	8.21	81718600
		2	8.43	8.33	8.53	164714000
		3	8.75	8.65	8.85	112164000
		4	8.83	8.73	8.93	83803800
		5	9.49	9.39	9.59	58896200

Raw Data

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Instrument ID: ECD_P **Date(s) Analyzed:** 03/11/2025 03/11/2025

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	4.04	3.94	4.14	14882500
		2	4.13	4.03	4.23	11429100
		3	4.20	4.10	4.30	33421800
		4	0.00			0
		5	0.00			0
Aroclor-1262	500	1	6.96	6.86	7.06	83664000
		2	7.22	7.12	7.32	68729800
		3	7.74	7.64	7.84	65986200
		4	7.81	7.71	7.91	104435000
		5	8.31	8.21	8.41	51550000

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070419.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 15:13
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: Mar 11 15:59:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 15:56:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.526	3.829	146.3E6	90189826	96.299	93.878
2)	SA Decachlor...	10.254	8.881	100.5E6	93540003	96.223	96.862
	Target Compounds						
3)	L1 AR-1016-1	5.679	4.917	46284919	31619052	949.625	933.606
4)	L1 AR-1016-2	5.700	4.935	68727144	44662617	955.739	933.736
5)	L1 AR-1016-3	5.763	5.112	41881157	24906943	949.392	929.187
6)	L1 AR-1016-4	5.860	5.154	34693414	19770953	934.220	926.606
7)	L1 AR-1016-5	6.153	5.369	32535779	25646269	956.384	934.042
31)	L7 AR-1260-1	7.273	6.406	55067637	45267436	951.674	949.709
32)	L7 AR-1260-2	7.526	6.594	75483004	60652513	952.665	953.140
33)	L7 AR-1260-3	7.886	6.748	62678610	52248928	959.203	949.358
34)	L7 AR-1260-4	8.110	7.221	60990738	47067710	959.399	931.760
35)	L7 AR-1260-5	8.431	7.462	130.6E6	124.0E6	963.609	954.364

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

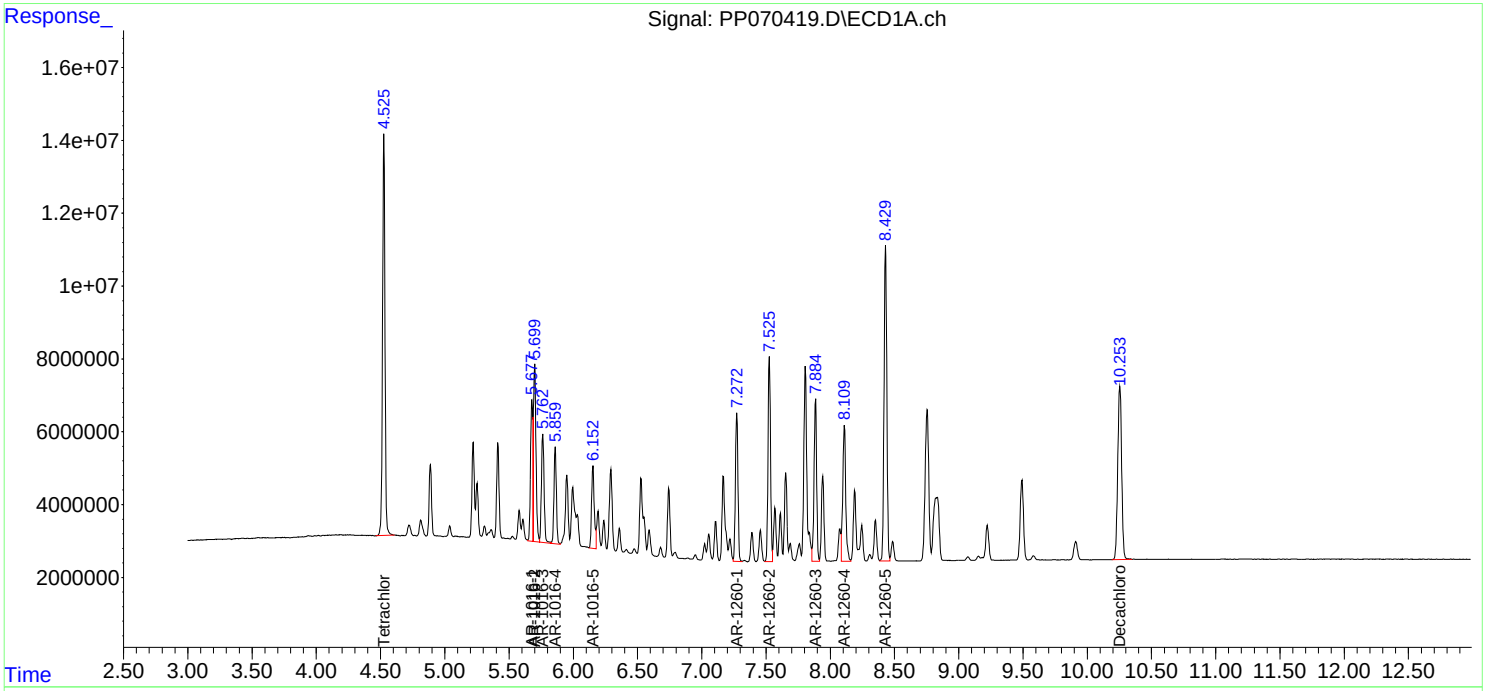
ICAL Form

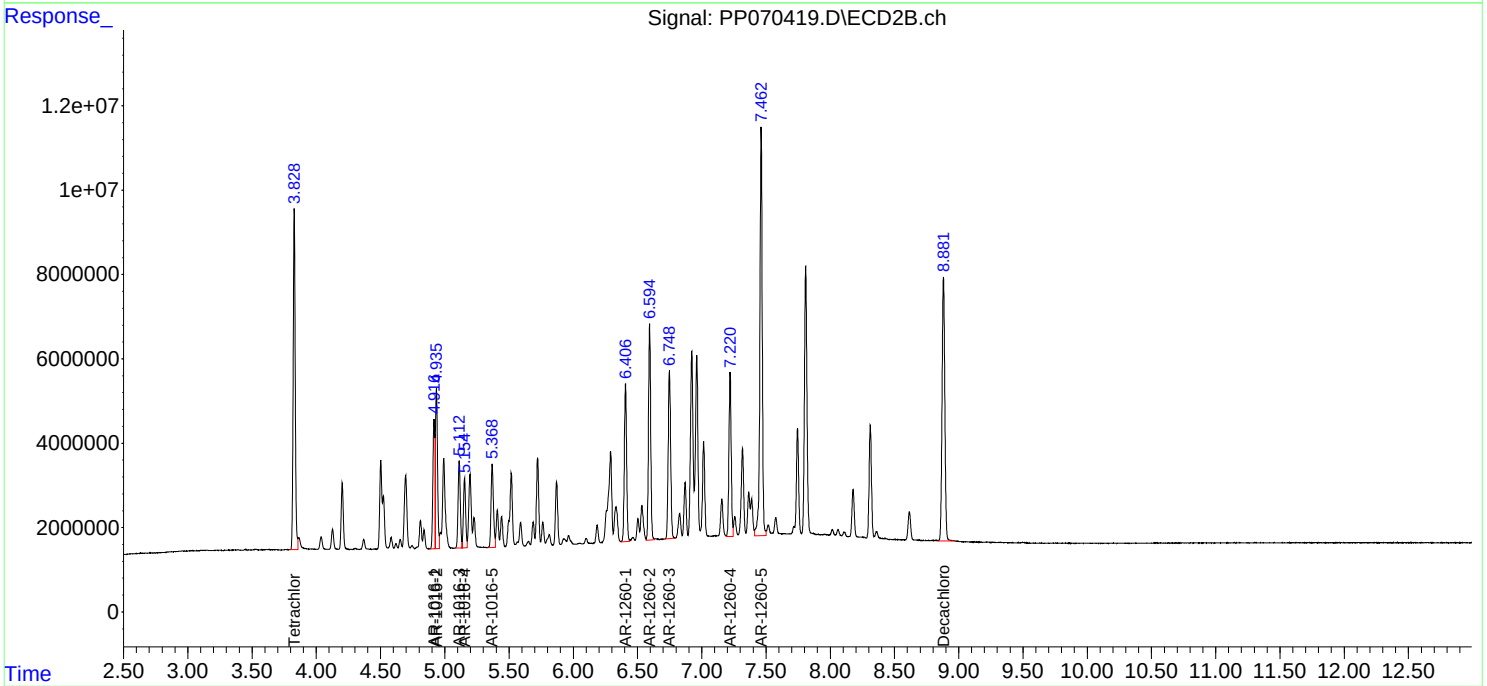
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070419.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 15:13
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

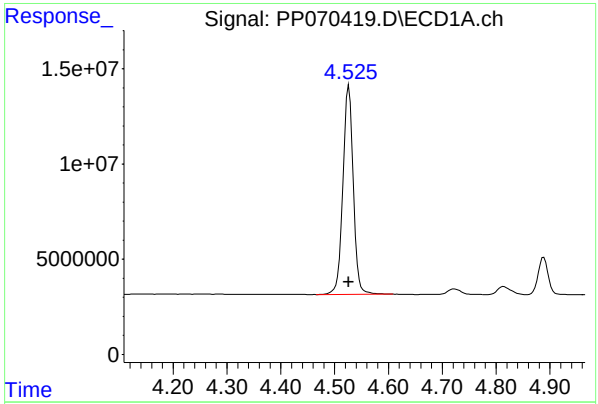
Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 15:59:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 15:56:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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



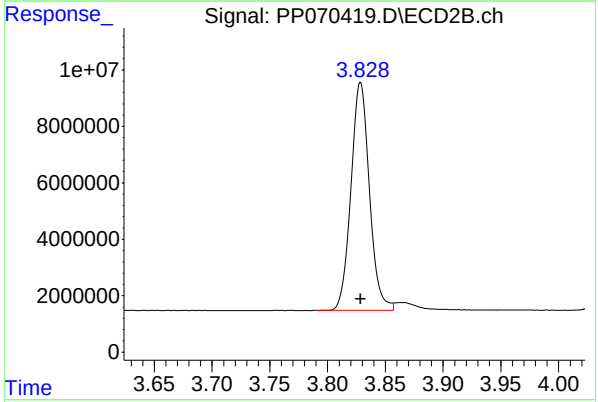




#1 Tetrachloro-m-xylene

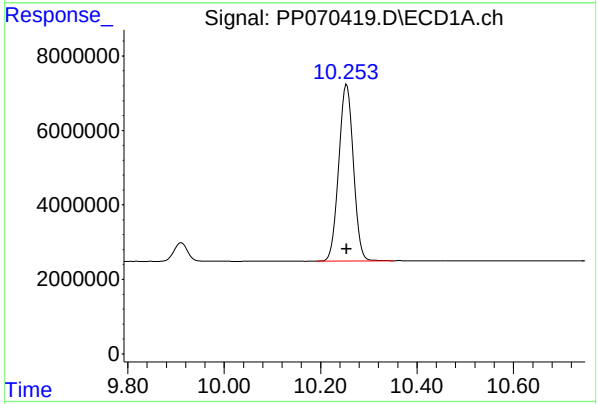
R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 146296801
Conc: 96.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



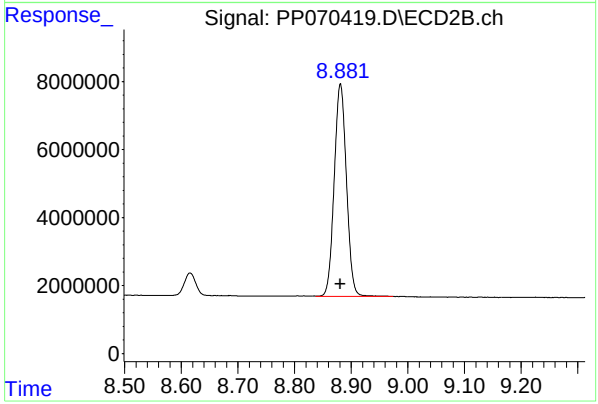
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: 0.000 min
Response: 90189826
Conc: 93.88 ng/ml



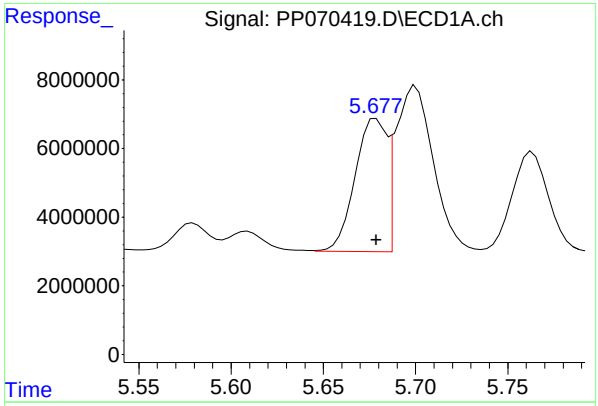
#2 Decachlorobiphenyl

R.T.: 10.254 min
Delta R.T.: 0.000 min
Response: 100544669
Conc: 96.22 ng/ml



#2 Decachlorobiphenyl

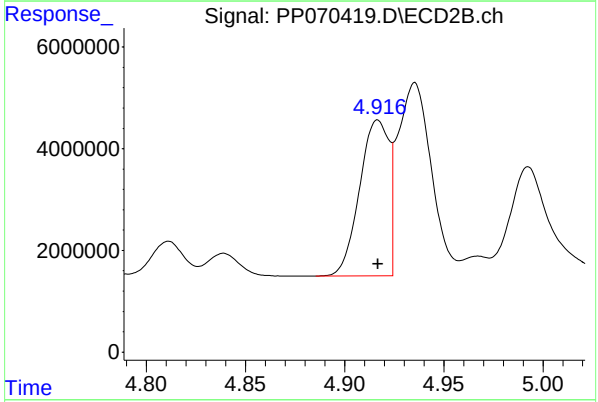
R.T.: 8.881 min
Delta R.T.: 0.000 min
Response: 93540003
Conc: 96.86 ng/ml



#3 AR-1016-1

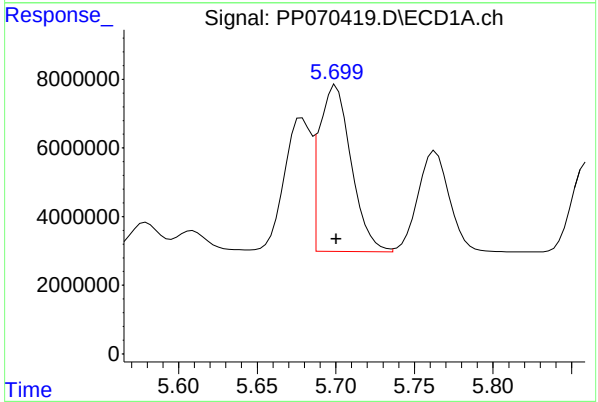
R.T.: 5.679 min
Delta R.T.: 0.000 min
Response: 46284919
Conc: 949.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



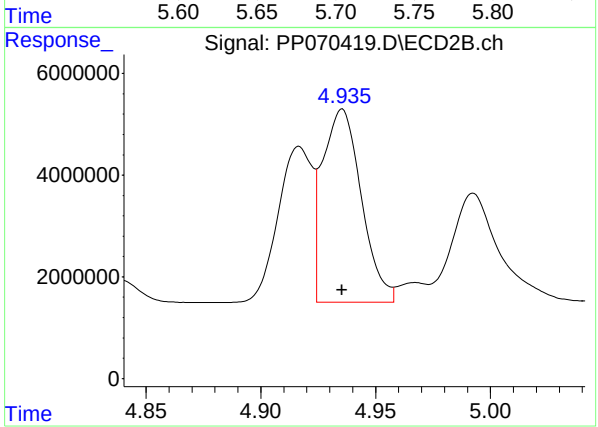
#3 AR-1016-1

R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 31619052
Conc: 933.61 ng/ml



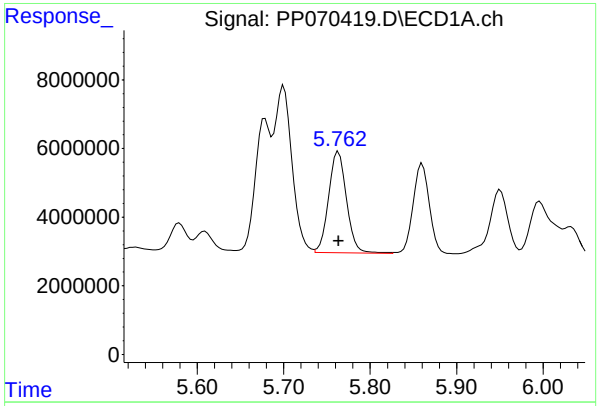
#4 AR-1016-2

R.T.: 5.700 min
Delta R.T.: 0.000 min
Response: 68727144
Conc: 955.74 ng/ml



#4 AR-1016-2

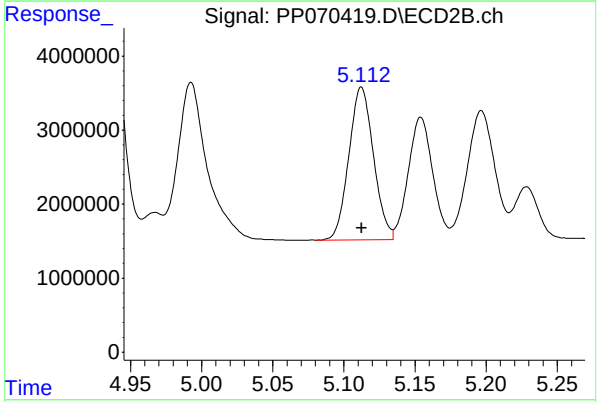
R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 44662617
Conc: 933.74 ng/ml



#5 AR-1016-3

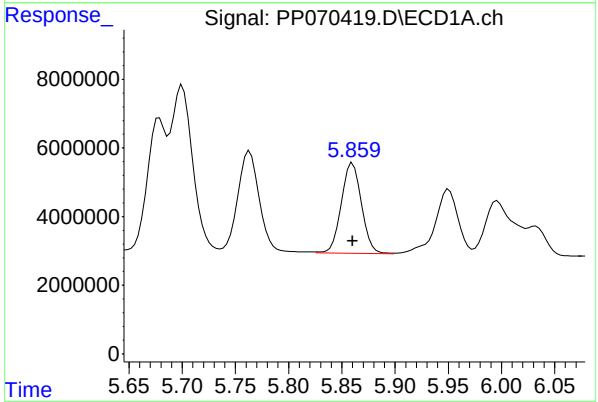
R.T.: 5.763 min
Delta R.T.: 0.000 min
Response: 41881157
Conc: 949.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



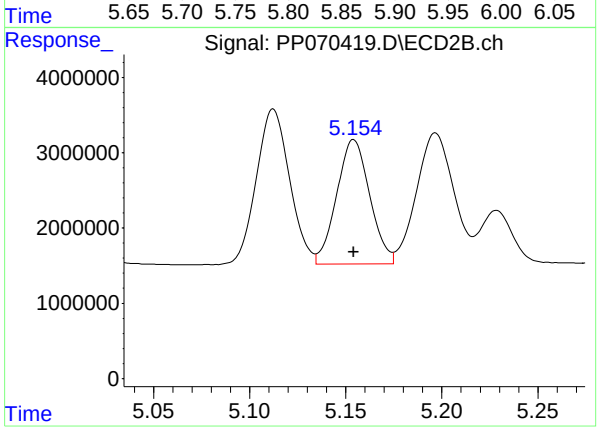
#5 AR-1016-3

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 24906943
Conc: 929.19 ng/ml



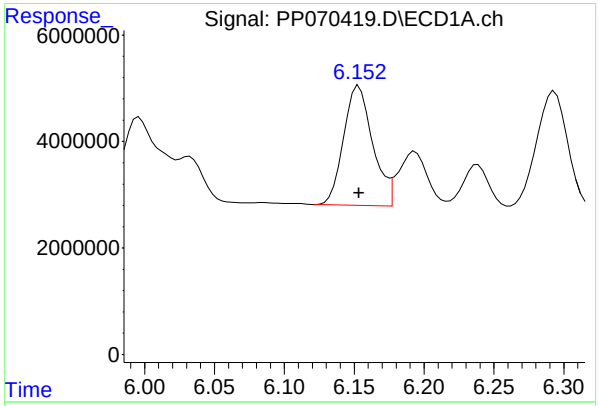
#6 AR-1016-4

R.T.: 5.860 min
Delta R.T.: 0.000 min
Response: 34693414
Conc: 934.22 ng/ml



#6 AR-1016-4

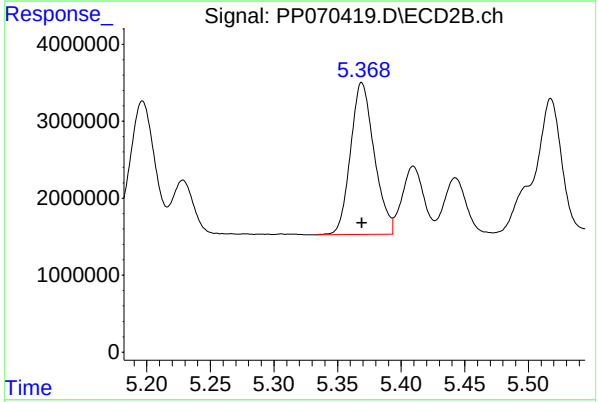
R.T.: 5.154 min
Delta R.T.: 0.000 min
Response: 19770953
Conc: 926.61 ng/ml



#7 AR-1016-5

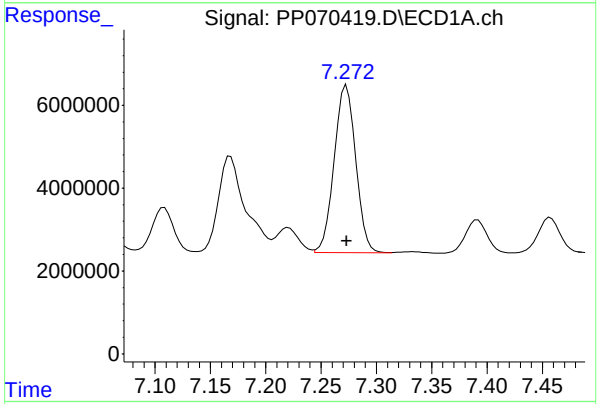
R.T.: 6.153 min
Delta R.T.: 0.000 min
Response: 32535779
Conc: 956.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



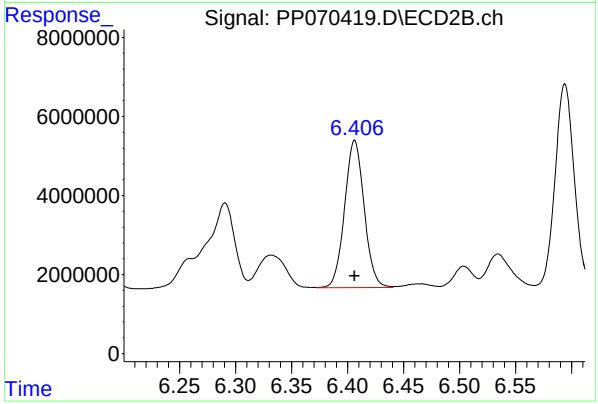
#7 AR-1016-5

R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 25646269
Conc: 934.04 ng/ml



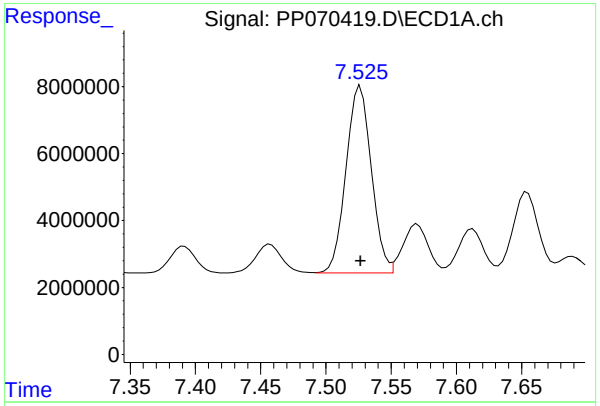
#31 AR-1260-1

R.T.: 7.273 min
Delta R.T.: 0.000 min
Response: 55067637
Conc: 951.67 ng/ml



#31 AR-1260-1

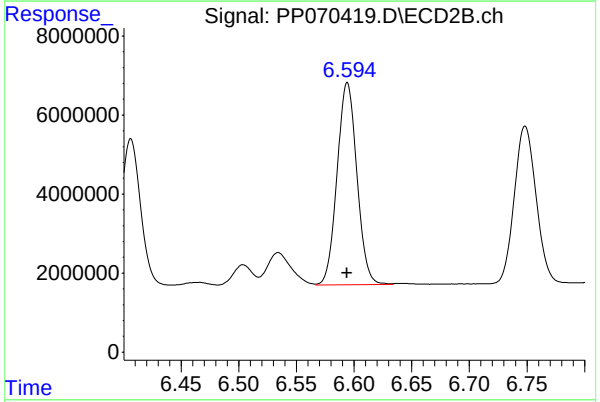
R.T.: 6.406 min
Delta R.T.: 0.000 min
Response: 45267436
Conc: 949.71 ng/ml



#32 AR-1260-2

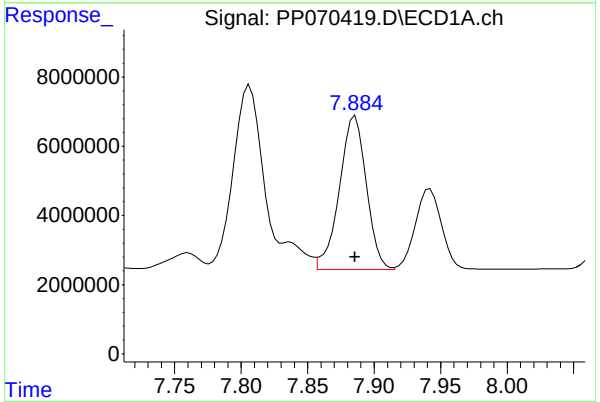
R.T.: 7.526 min
Delta R.T.: 0.000 min
Response: 75483004
Conc: 952.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



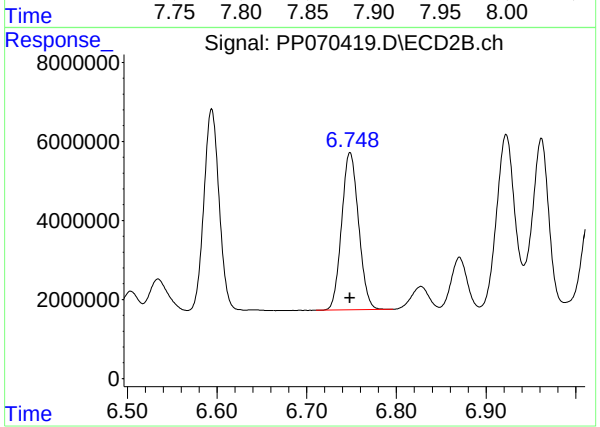
#32 AR-1260-2

R.T.: 6.594 min
Delta R.T.: 0.000 min
Response: 60652513
Conc: 953.14 ng/ml



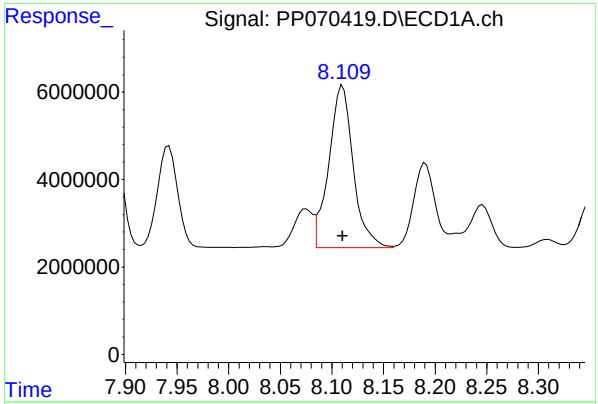
#33 AR-1260-3

R.T.: 7.886 min
Delta R.T.: 0.000 min
Response: 62678610
Conc: 959.20 ng/ml



#33 AR-1260-3

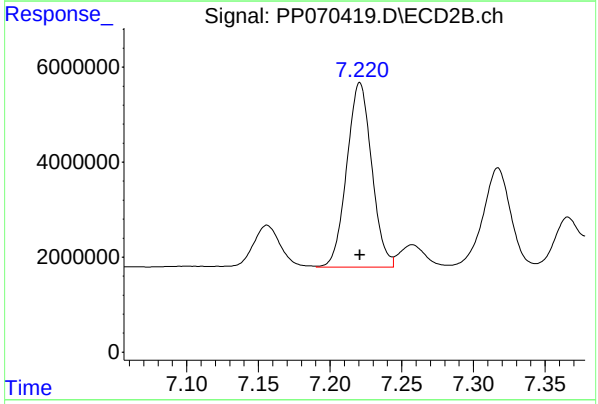
R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 52248928
Conc: 949.36 ng/ml



#34 AR-1260-4

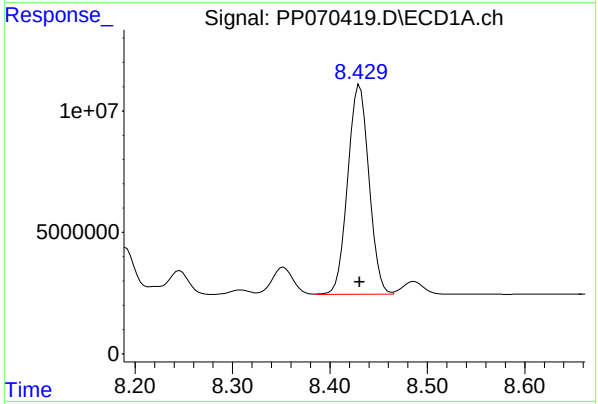
R.T.: 8.110 min
Delta R.T.: 0.000 min
Response: 60990738
Conc: 959.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



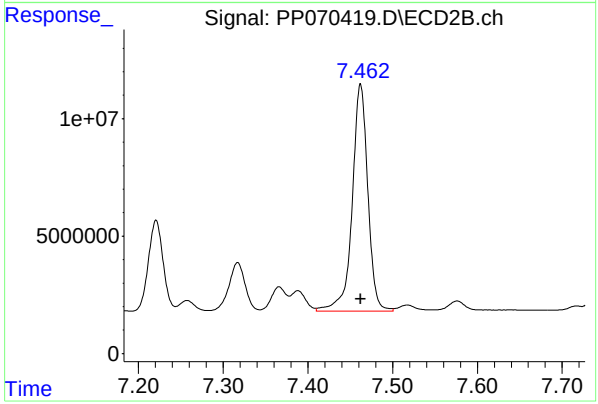
#34 AR-1260-4

R.T.: 7.221 min
Delta R.T.: 0.000 min
Response: 47067710
Conc: 931.76 ng/ml



#35 AR-1260-5

R.T.: 8.431 min
Delta R.T.: 0.000 min
Response: 130557968
Conc: 963.61 ng/ml



#35 AR-1260-5

R.T.: 7.462 min
Delta R.T.: 0.000 min
Response: 123950775
Conc: 954.36 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070420.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 15:29
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: Mar 11 16:02:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 15:56:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.524	3.829	114.7E6	73231901	75.332	75.814
2)	SA Decachlor...	10.251	8.881	78316441	70837588	74.967	73.894
	Target Compounds						
3)	L1 AR-1016-1	5.677	4.916	36468416	26259347	748.813	766.713
4)	L1 AR-1016-2	5.699	4.935	54195611	36649558	752.436	760.730
5)	L1 AR-1016-3	5.761	5.112	32877053	20393839	746.847	757.178
6)	L1 AR-1016-4	5.858	5.154	27837898	16253201	749.744	757.786
7)	L1 AR-1016-5	6.151	5.369	25290442	20548181	745.593	748.912
31)	L7 AR-1260-1	7.270	6.405	43699051	35731210	753.461	749.759
32)	L7 AR-1260-2	7.524	6.594	59458057	48055327	750.277	753.444
33)	L7 AR-1260-3	7.882	6.748	48742271	41574236	747.281	753.592
34)	L7 AR-1260-4	8.108	7.221	48512746	37381432	758.694	743.310
35)	L7 AR-1260-5	8.428	7.461	101.3E6	97534605	748.577	750.648

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

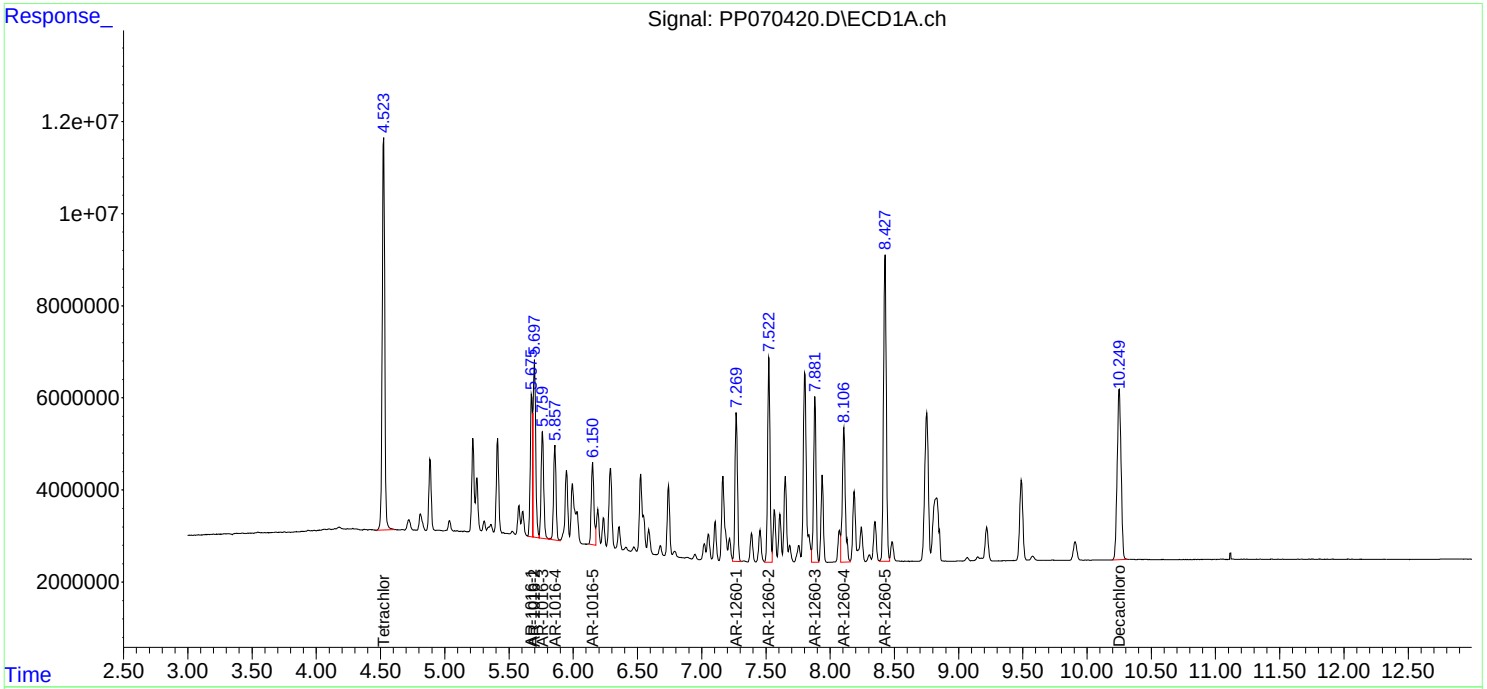
ICAL Form

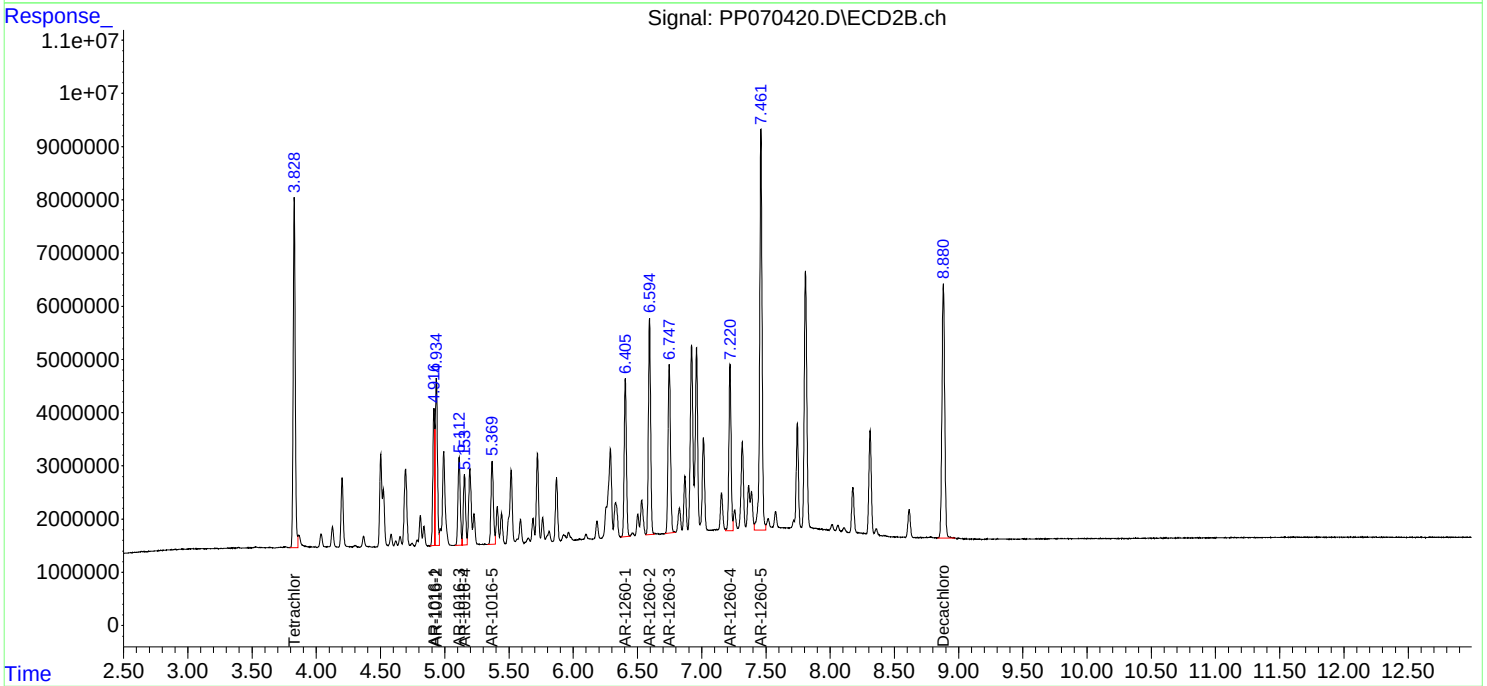
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070420.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 15:29
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

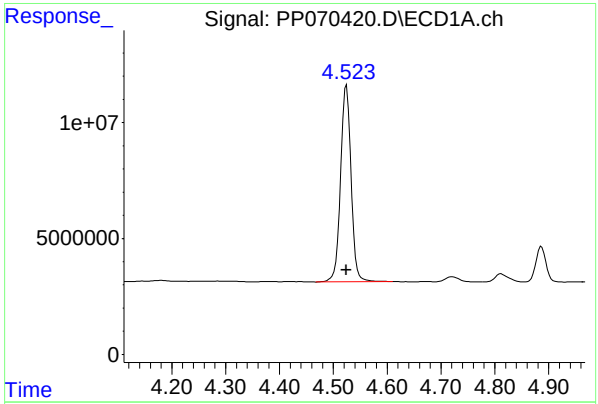
Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 16:02:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 15:56:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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



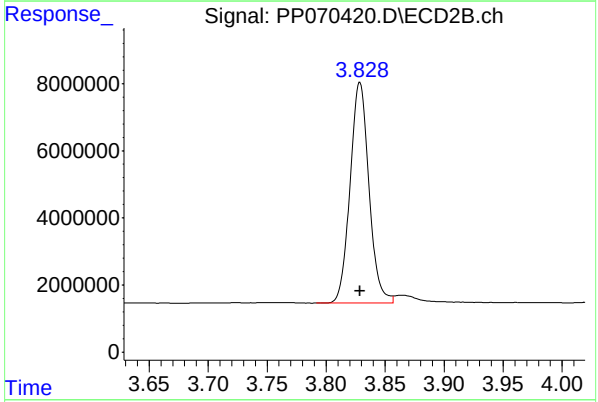




#1 Tetrachloro-m-xylene

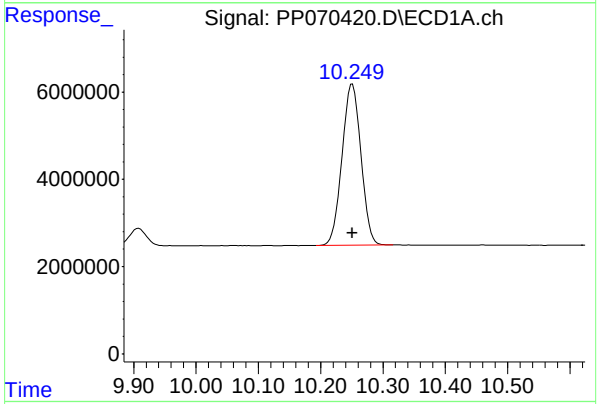
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 114697503
Conc: 75.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



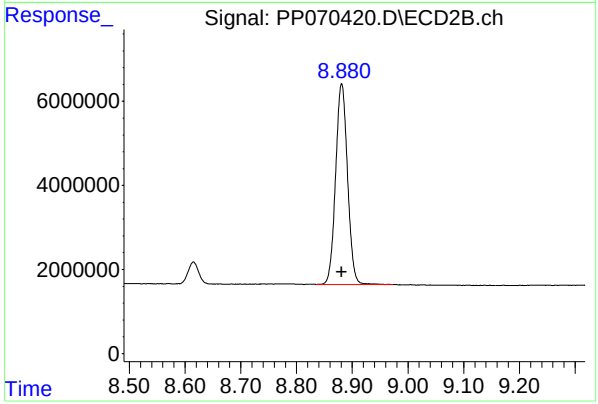
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: 0.000 min
Response: 73231901
Conc: 75.81 ng/ml



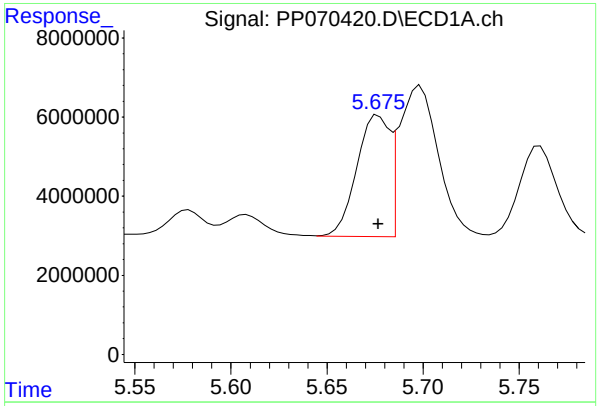
#2 Decachlorobiphenyl

R.T.: 10.251 min
Delta R.T.: 0.000 min
Response: 78316441
Conc: 74.97 ng/ml



#2 Decachlorobiphenyl

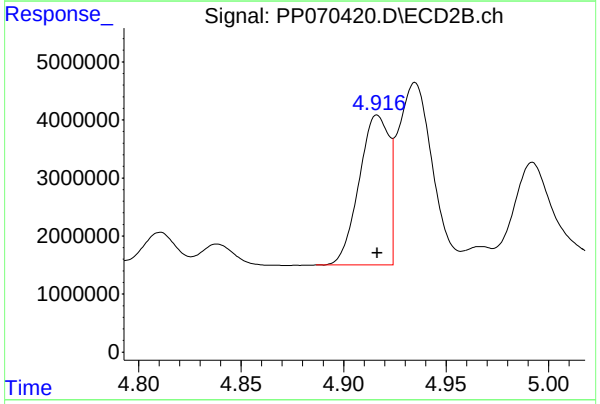
R.T.: 8.881 min
Delta R.T.: 0.000 min
Response: 70837588
Conc: 73.89 ng/ml



#3 AR-1016-1

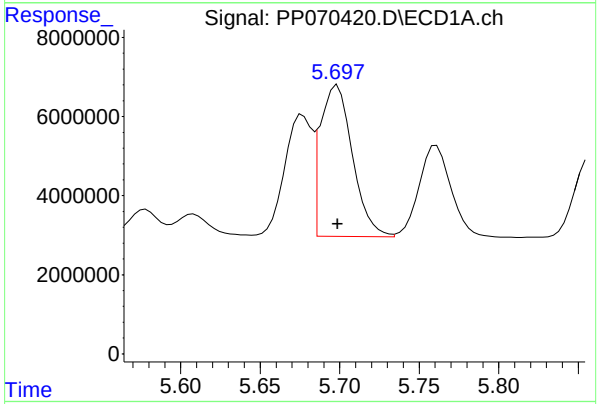
R.T.: 5.677 min
Delta R.T.: 0.000 min
Response: 36468416
Conc: 748.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



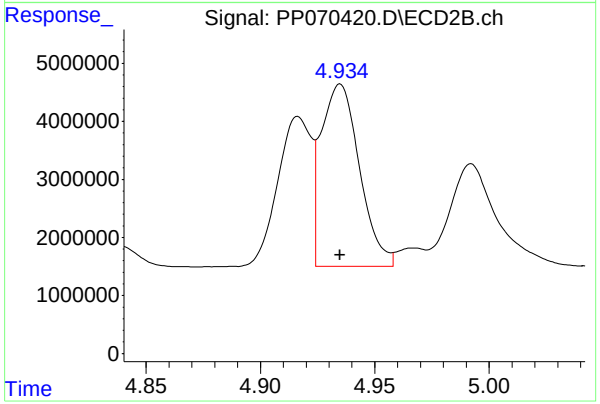
#3 AR-1016-1

R.T.: 4.916 min
Delta R.T.: 0.000 min
Response: 26259347
Conc: 766.71 ng/ml



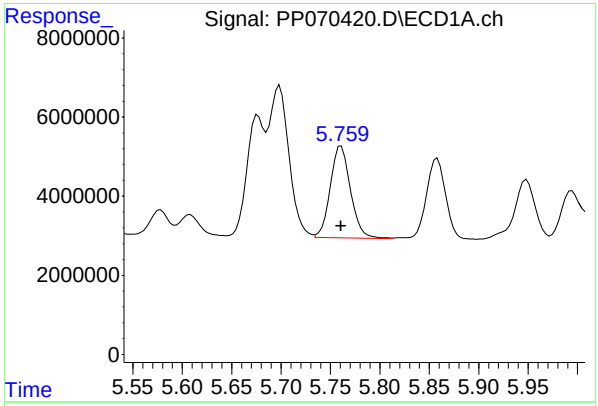
#4 AR-1016-2

R.T.: 5.699 min
Delta R.T.: 0.000 min
Response: 54195611
Conc: 752.44 ng/ml



#4 AR-1016-2

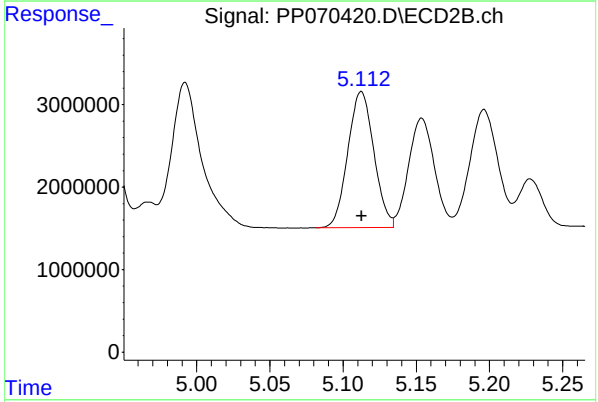
R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 36649558
Conc: 760.73 ng/ml



#5 AR-1016-3

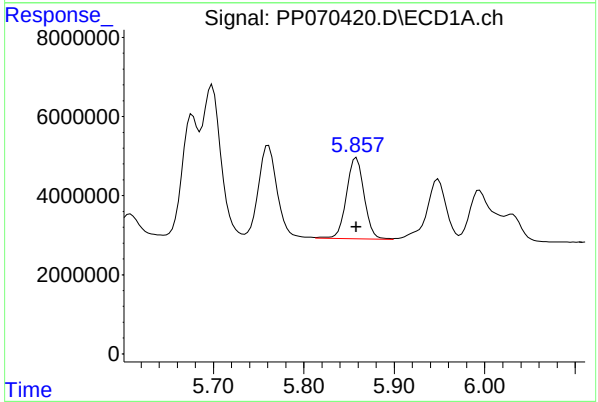
R.T.: 5.761 min
Delta R.T.: 0.000 min
Response: 32877053
Conc: 746.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



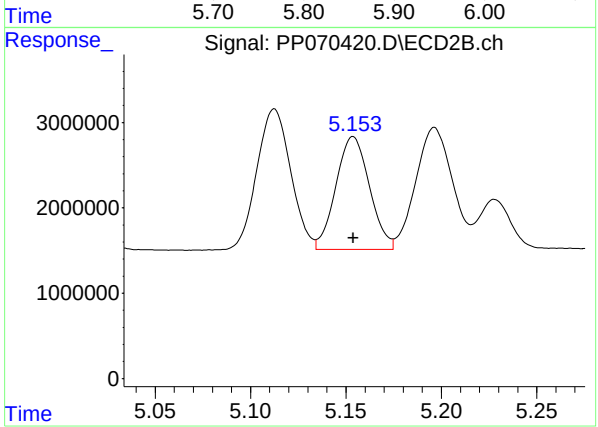
#5 AR-1016-3

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 20393839
Conc: 757.18 ng/ml



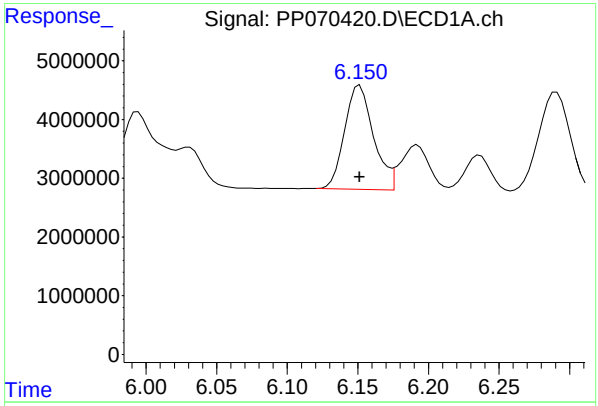
#6 AR-1016-4

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 27837898
Conc: 749.74 ng/ml



#6 AR-1016-4

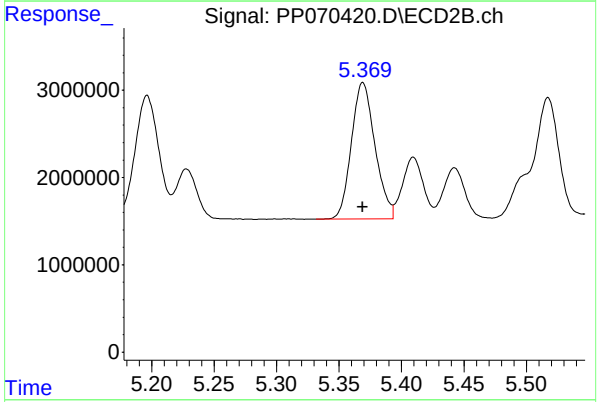
R.T.: 5.154 min
Delta R.T.: 0.000 min
Response: 16253201
Conc: 757.79 ng/ml



#7 AR-1016-5

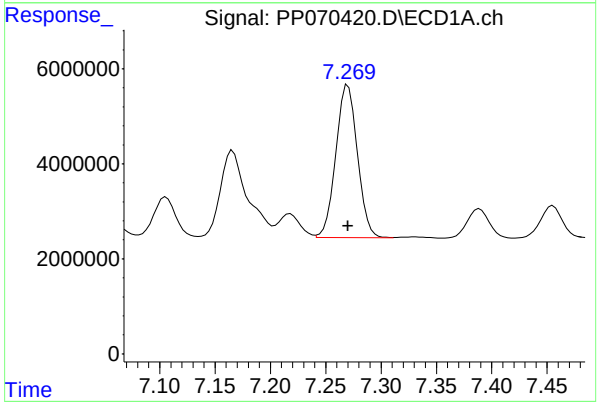
R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 25290442
Conc: 745.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



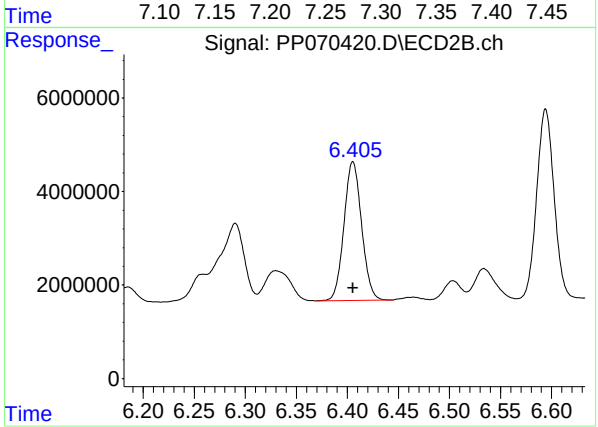
#7 AR-1016-5

R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 20548181
Conc: 748.91 ng/ml



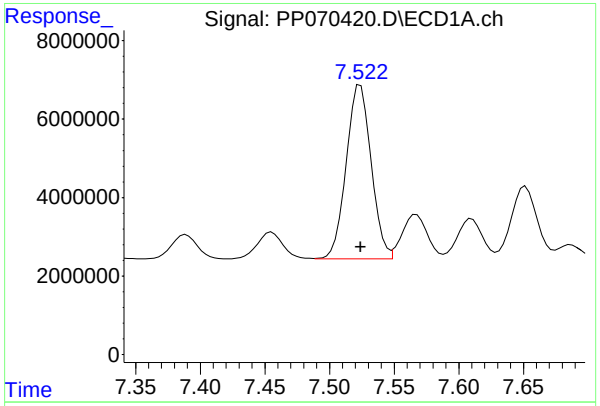
#31 AR-1260-1

R.T.: 7.270 min
Delta R.T.: 0.000 min
Response: 43699051
Conc: 753.46 ng/ml



#31 AR-1260-1

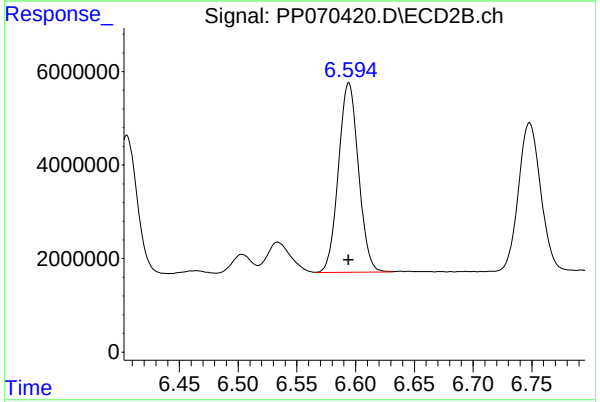
R.T.: 6.405 min
Delta R.T.: 0.000 min
Response: 35731210
Conc: 749.76 ng/ml



#32 AR-1260-2

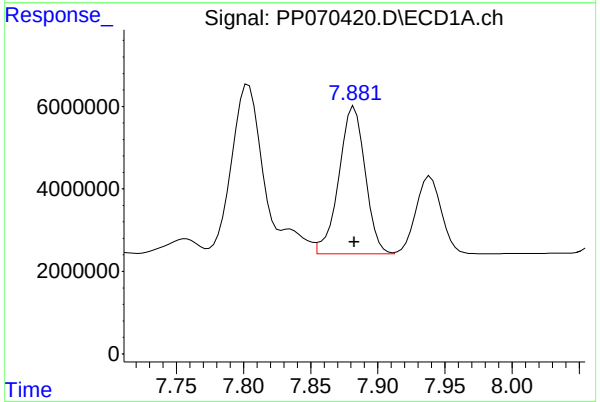
R.T.: 7.524 min
Delta R.T.: 0.000 min
Response: 59458057
Conc: 750.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



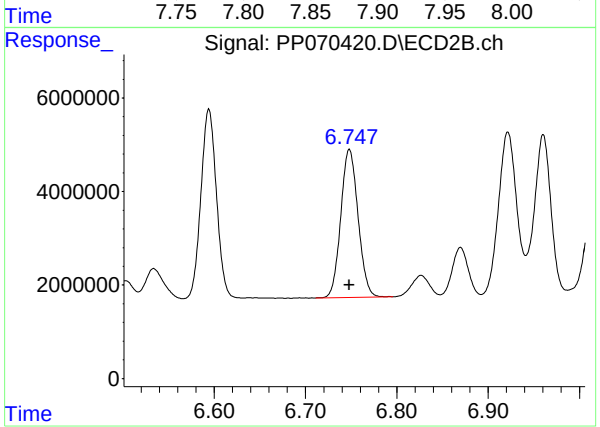
#32 AR-1260-2

R.T.: 6.594 min
Delta R.T.: 0.000 min
Response: 48055327
Conc: 753.44 ng/ml



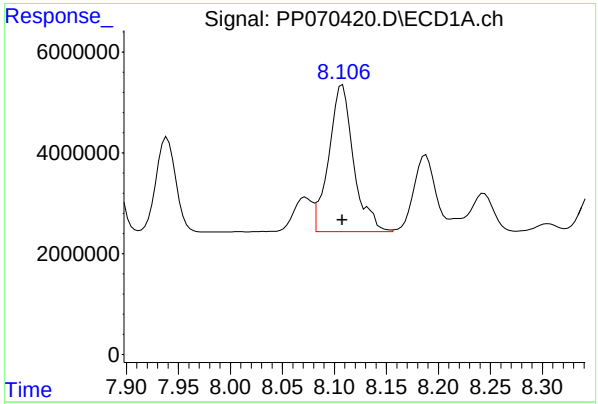
#33 AR-1260-3

R.T.: 7.882 min
Delta R.T.: 0.000 min
Response: 48742271
Conc: 747.28 ng/ml



#33 AR-1260-3

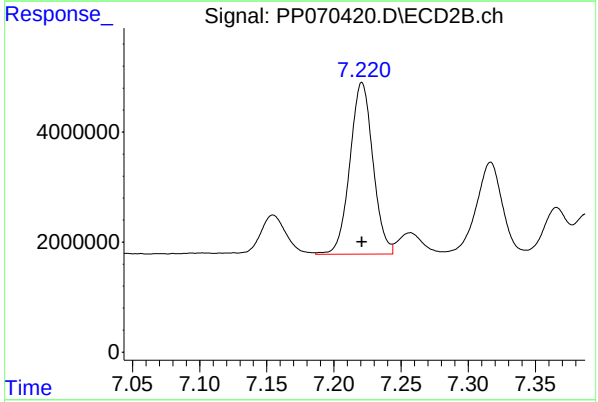
R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 41574236
Conc: 753.59 ng/ml



#34 AR-1260-4

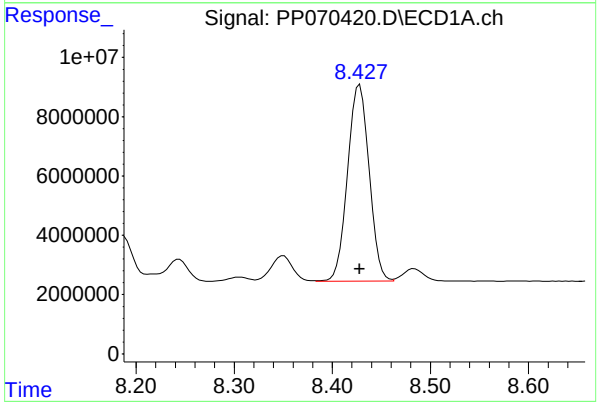
R.T.: 8.108 min
Delta R.T.: 0.000 min
Response: 48512746
Conc: 758.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



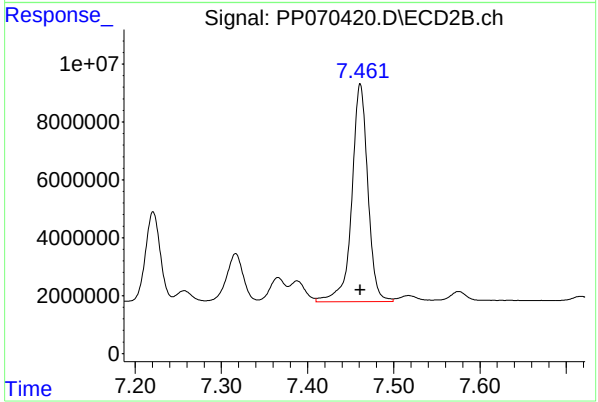
#34 AR-1260-4

R.T.: 7.221 min
Delta R.T.: 0.000 min
Response: 37381432
Conc: 743.31 ng/ml



#35 AR-1260-5

R.T.: 8.428 min
Delta R.T.: 0.000 min
Response: 101327582
Conc: 748.58 ng/ml



#35 AR-1260-5

R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 97534605
Conc: 750.65 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070421.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 15:46
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: Mar 11 15:56:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 15:56:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.524	3.829	78771396	50975899	50.000	50.000
2) SA	Decachlor...	10.252	8.881	54219318	49800469	50.000	50.000
	Target Compounds						
3) L1	AR-1016-1	5.677	4.917	25597740	18058147	500.000	500.000
4) L1	AR-1016-2	5.699	4.936	37546344	25500879	500.000	500.000
5) L1	AR-1016-3	5.761	5.113	23173097	14351628	500.000	500.000
6) L1	AR-1016-4	5.858	5.154	19789523	11451480	500.000	500.000
7) L1	AR-1016-5	6.151	5.370	17751672	14634165	500.000	500.000
31) L7	AR-1260-1	7.271	6.407	30330174	25030839	500.000	500.000
32) L7	AR-1260-2	7.525	6.595	41491985	33308182	500.000	500.000
33) L7	AR-1260-3	7.883	6.749	34005135	28911574	500.000	500.000
34) L7	AR-1260-4	8.108	7.221	33076474	26980991	500.000	500.000
35) L7	AR-1260-5	8.428	7.462	70209616	67902453	500.000	500.000

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

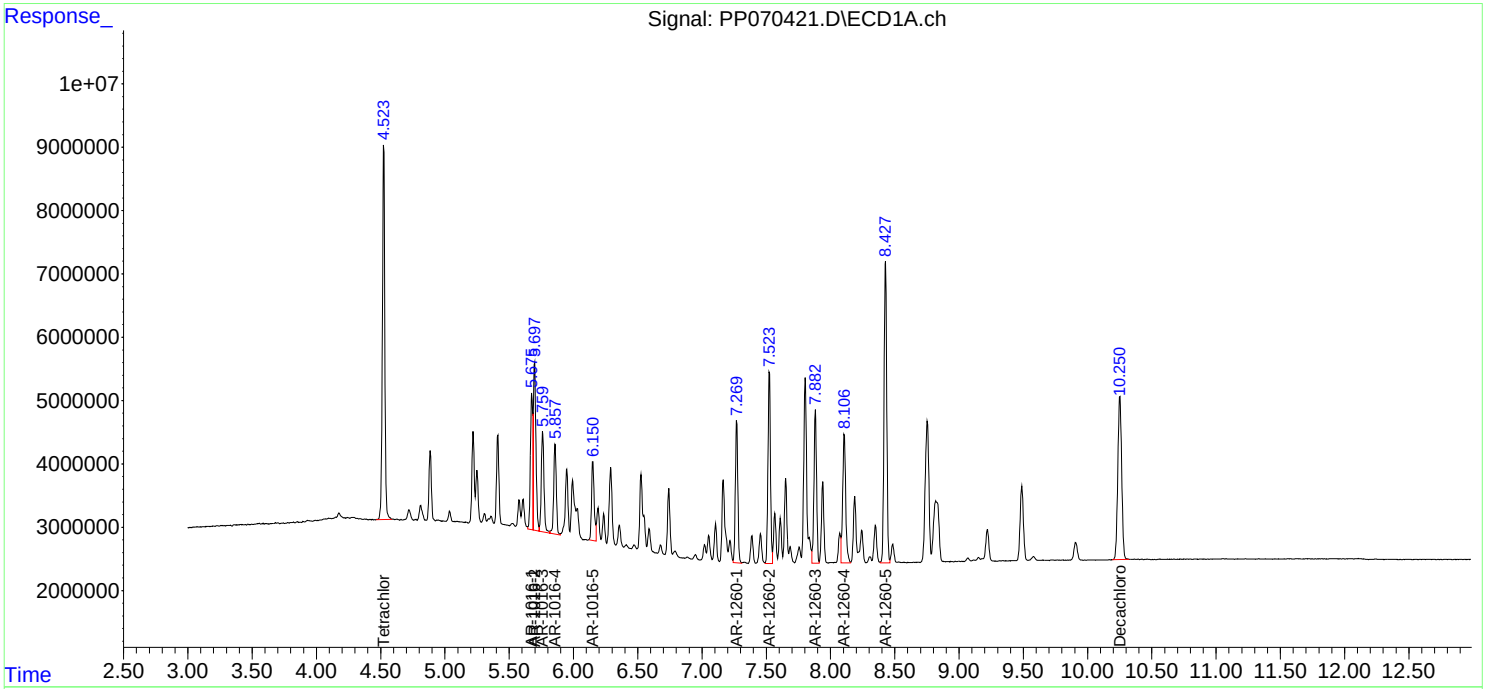
ICAL Form

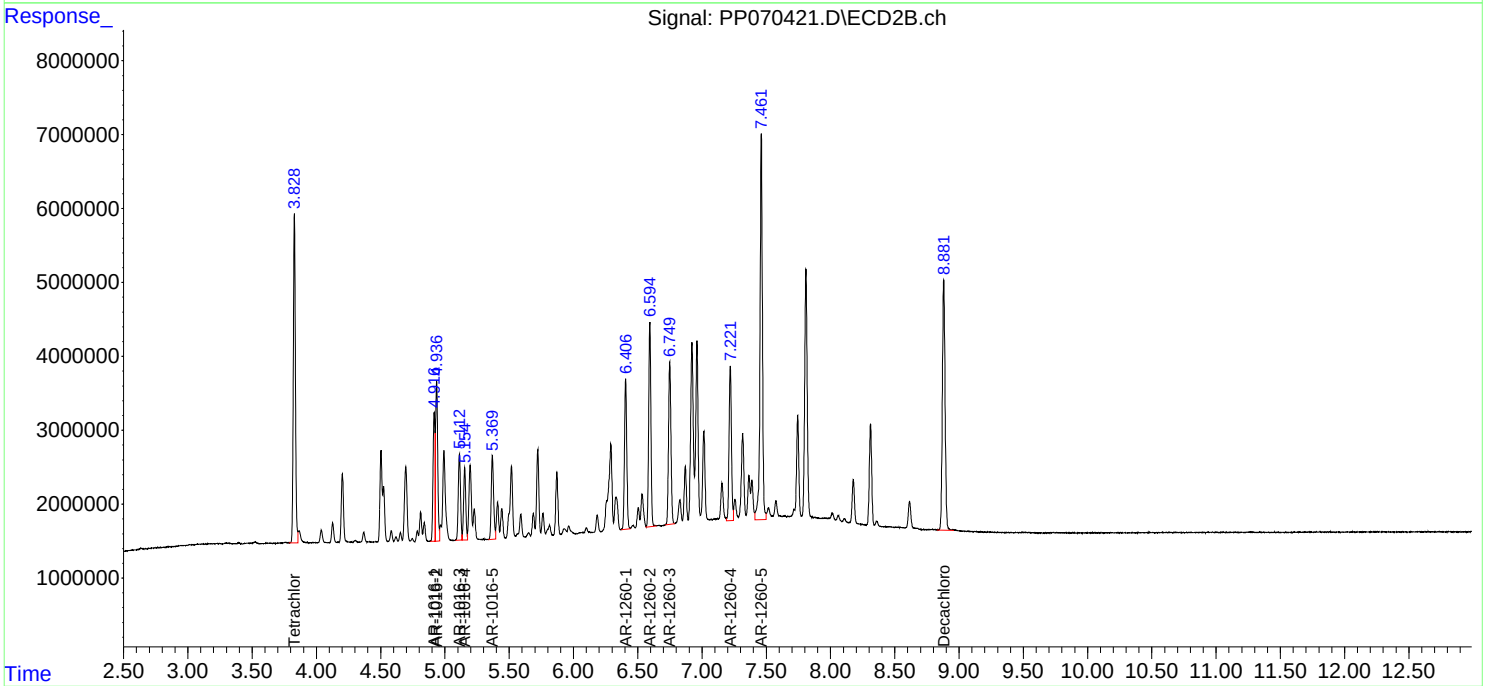
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070421.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 15:46
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

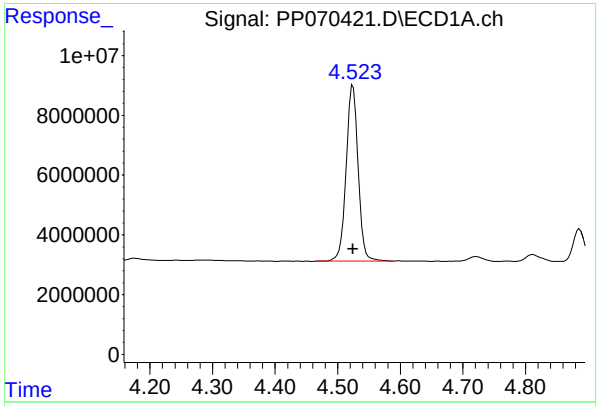
Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 15:56:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 15:56:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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



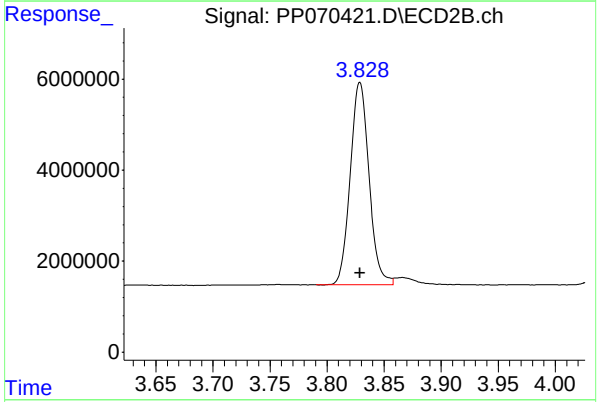




#1 Tetrachloro-m-xylene

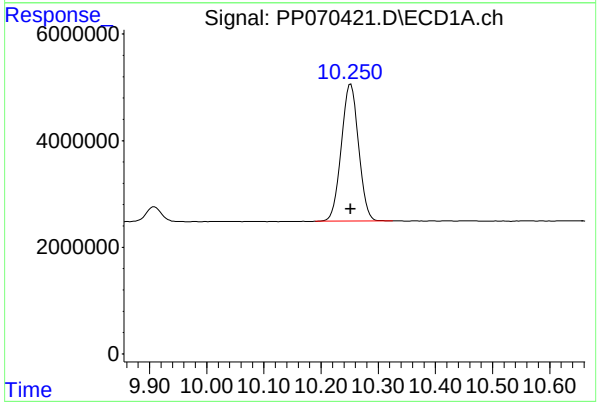
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 78771396
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



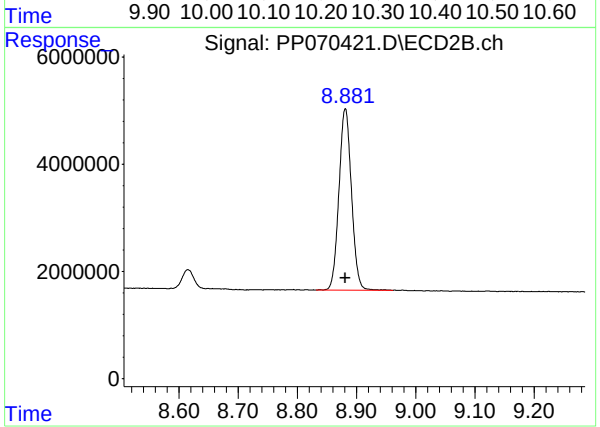
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: 0.000 min
Response: 50975899
Conc: 50.00 ng/ml



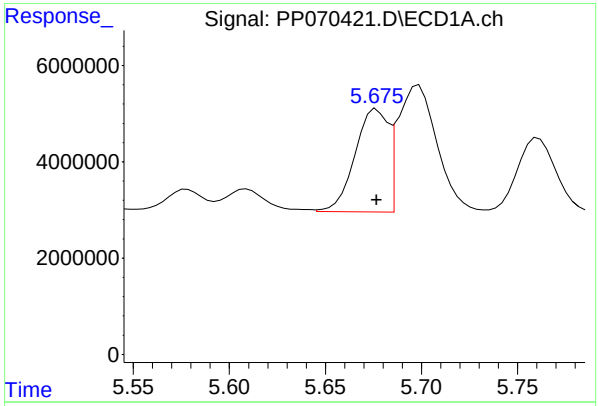
#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: 0.000 min
Response: 54219318
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

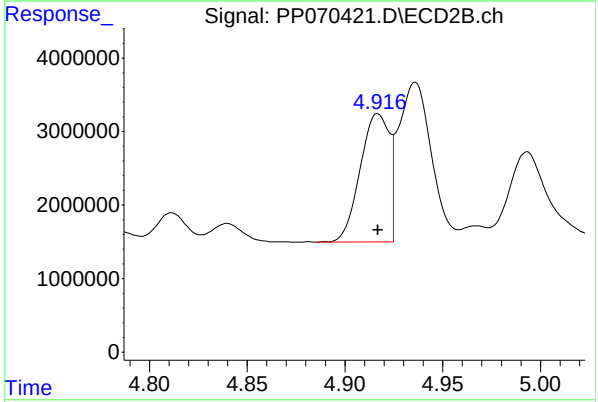
R.T.: 8.881 min
Delta R.T.: 0.000 min
Response: 49800469
Conc: 50.00 ng/ml



#3 AR-1016-1

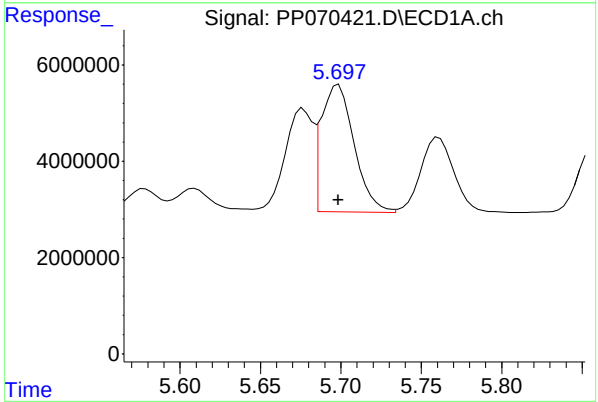
R.T.: 5.677 min
Delta R.T.: 0.000 min
Response: 25597740
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



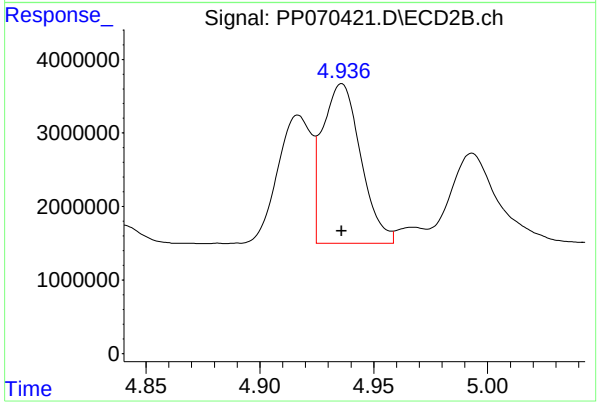
#3 AR-1016-1

R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 18058147
Conc: 500.00 ng/ml



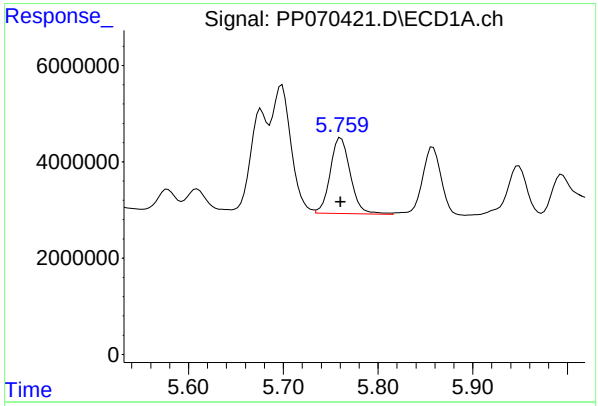
#4 AR-1016-2

R.T.: 5.699 min
Delta R.T.: 0.000 min
Response: 37546344
Conc: 500.00 ng/ml



#4 AR-1016-2

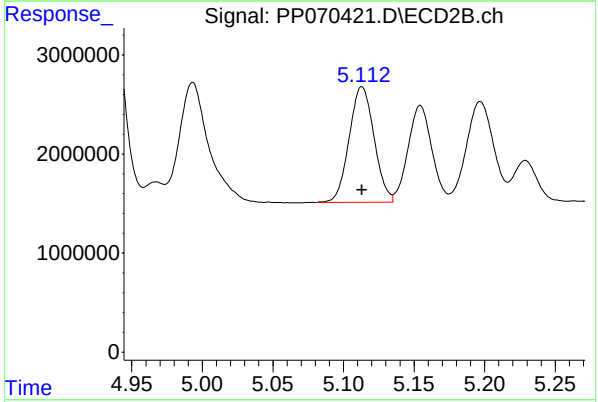
R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 25500879
Conc: 500.00 ng/ml



#5 AR-1016-3

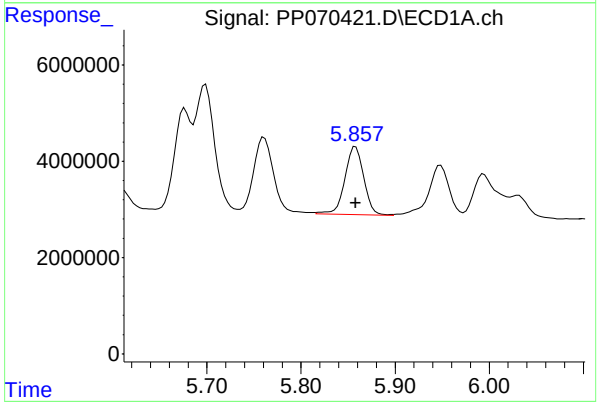
R.T.: 5.761 min
Delta R.T.: 0.000 min
Response: 23173097
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



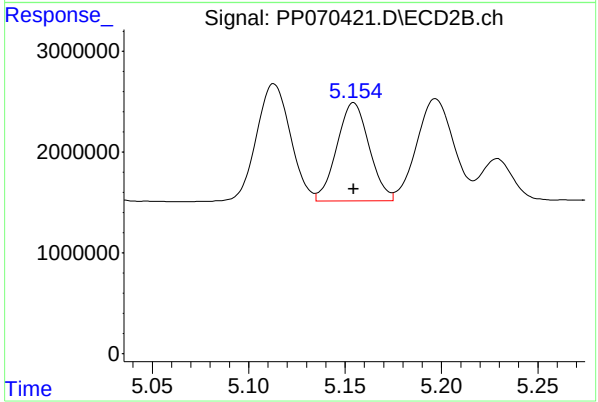
#5 AR-1016-3

R.T.: 5.113 min
Delta R.T.: 0.000 min
Response: 14351628
Conc: 500.00 ng/ml



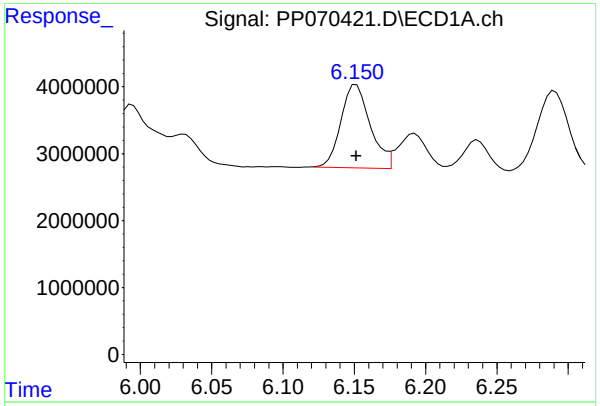
#6 AR-1016-4

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 19789523
Conc: 500.00 ng/ml



#6 AR-1016-4

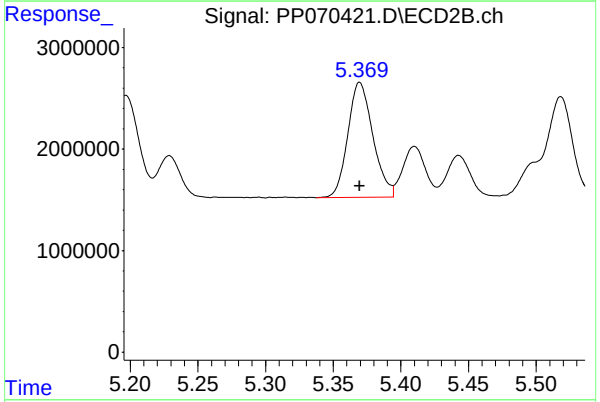
R.T.: 5.154 min
Delta R.T.: 0.000 min
Response: 11451480
Conc: 500.00 ng/ml



#7 AR-1016-5

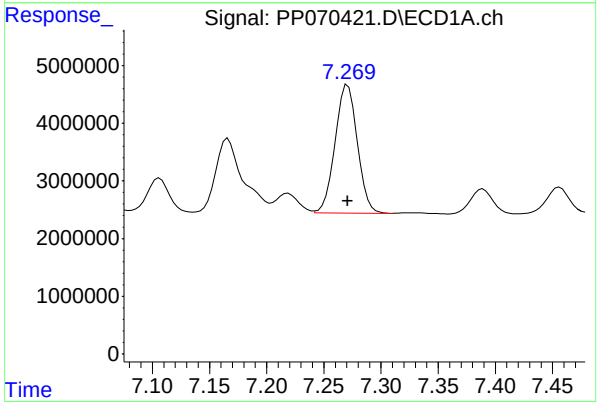
R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 17751672
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



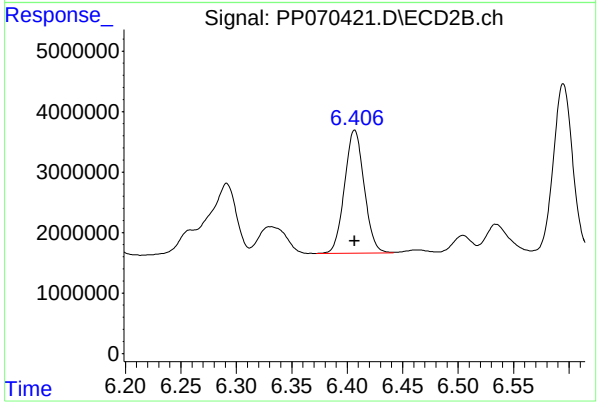
#7 AR-1016-5

R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 14634165
Conc: 500.00 ng/ml



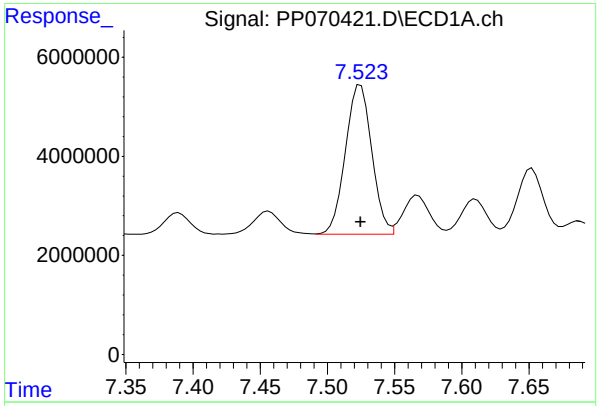
#31 AR-1260-1

R.T.: 7.271 min
Delta R.T.: 0.000 min
Response: 30330174
Conc: 500.00 ng/ml



#31 AR-1260-1

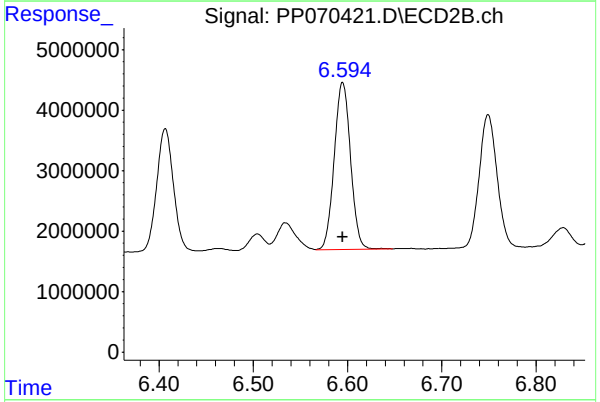
R.T.: 6.407 min
Delta R.T.: 0.000 min
Response: 25030839
Conc: 500.00 ng/ml



#32 AR-1260-2

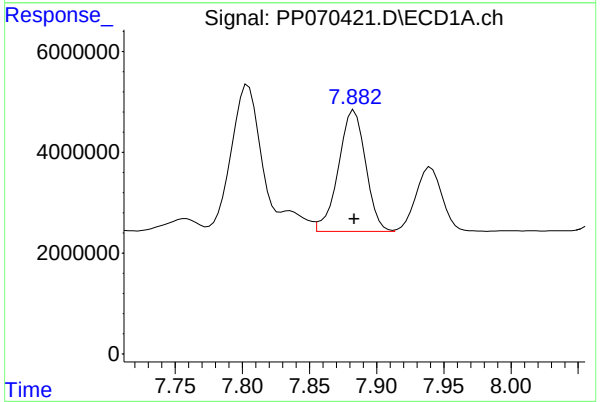
R.T.: 7.525 min
Delta R.T.: 0.000 min
Response: 41491985
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



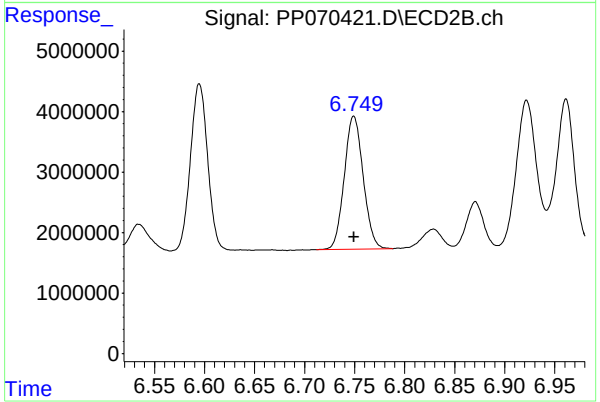
#32 AR-1260-2

R.T.: 6.595 min
Delta R.T.: 0.000 min
Response: 33308182
Conc: 500.00 ng/ml



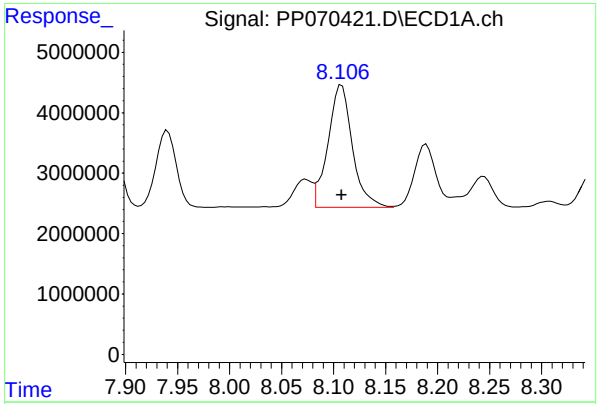
#33 AR-1260-3

R.T.: 7.883 min
Delta R.T.: 0.000 min
Response: 34005135
Conc: 500.00 ng/ml



#33 AR-1260-3

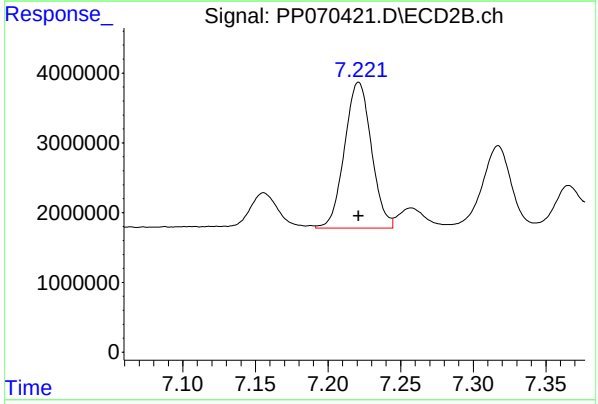
R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 28911574
Conc: 500.00 ng/ml



#34 AR-1260-4

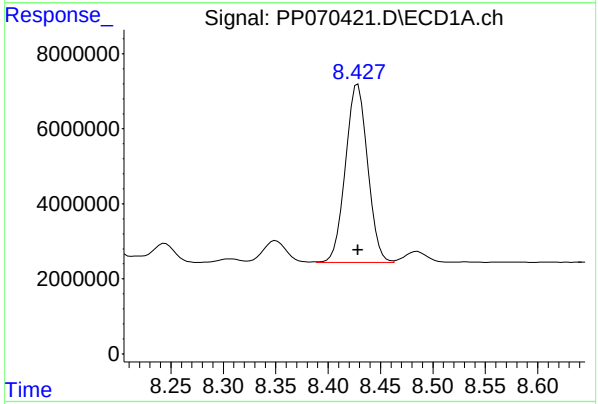
R.T.: 8.108 min
Delta R.T.: 0.000 min
Response: 33076474
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



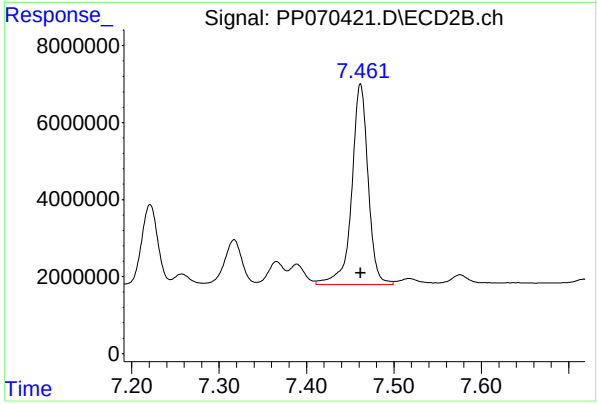
#34 AR-1260-4

R.T.: 7.221 min
Delta R.T.: 0.000 min
Response: 26980991
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 8.428 min
Delta R.T.: 0.000 min
Response: 70209616
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.462 min
Delta R.T.: 0.000 min
Response: 67902453
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070422.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 16:02
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 16:15:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 16:15:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.526	3.828	41531966	26313383	26.670	26.644
2) SA	Decachlor...	10.255	8.880	28350211	25677480	26.570	26.327m
	Target Compounds						
3) L1	AR-1016-1	5.678	4.916	14080037	9864390	278.227	277.469
4) L1	AR-1016-2	5.700	4.935	19868297	13900874	268.896	277.831
5) L1	AR-1016-3	5.762	5.112	12407402	7670971	273.151	275.227
6) L1	AR-1016-4	5.859	5.154	10571757	6097437	275.169	274.862
7) L1	AR-1016-5	6.153	5.369	9142764	8102490	264.374	282.508
31) L7	AR-1260-1	7.272	6.406	15812734	13410773	266.607	272.835
32) L7	AR-1260-2	7.526	6.594	21836797	17516742	268.685	268.035
33) L7	AR-1260-3	7.885	6.749	17670532	15252750	265.362	269.346
34) L7	AR-1260-4	8.110	7.220	17375887	13889843	265.960	269.143
35) L7	AR-1260-5	8.430	7.461	36632226	34190463	265.158	259.725

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070422.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 16:02
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

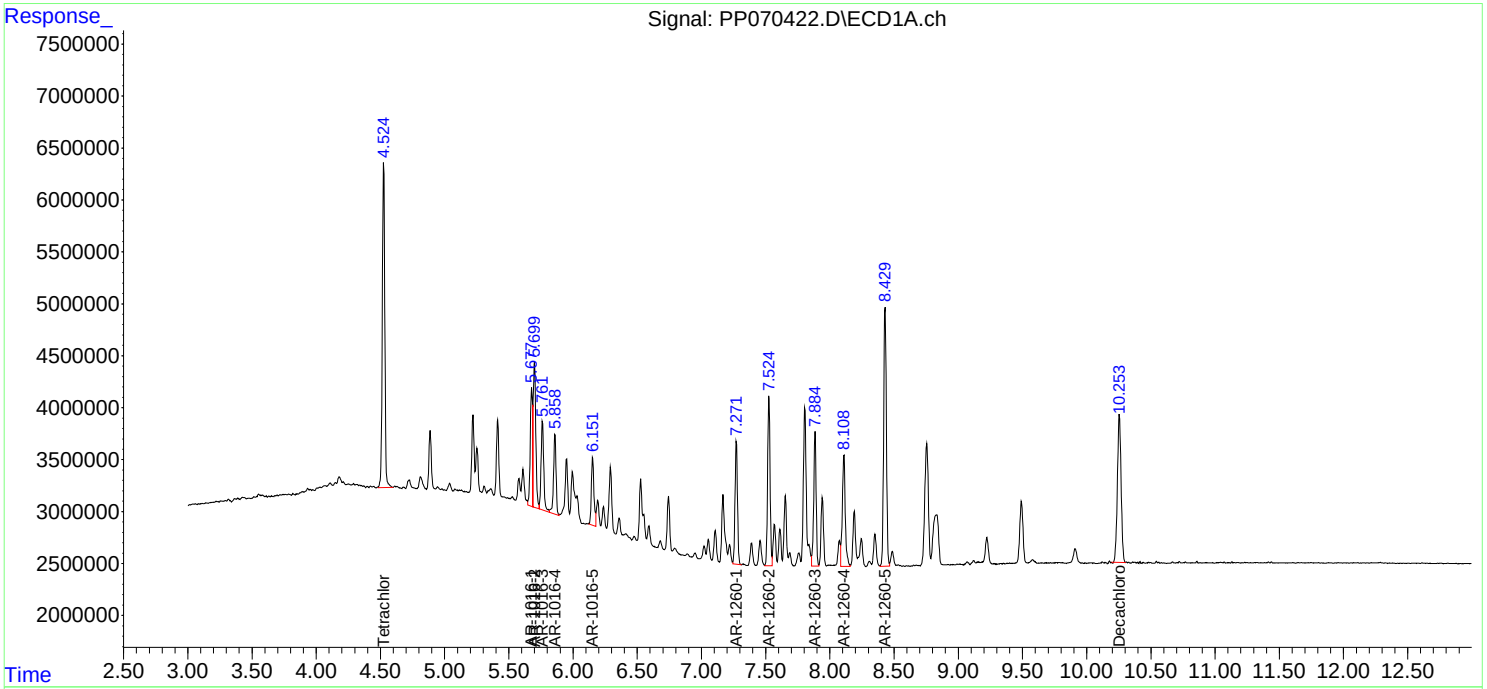
Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

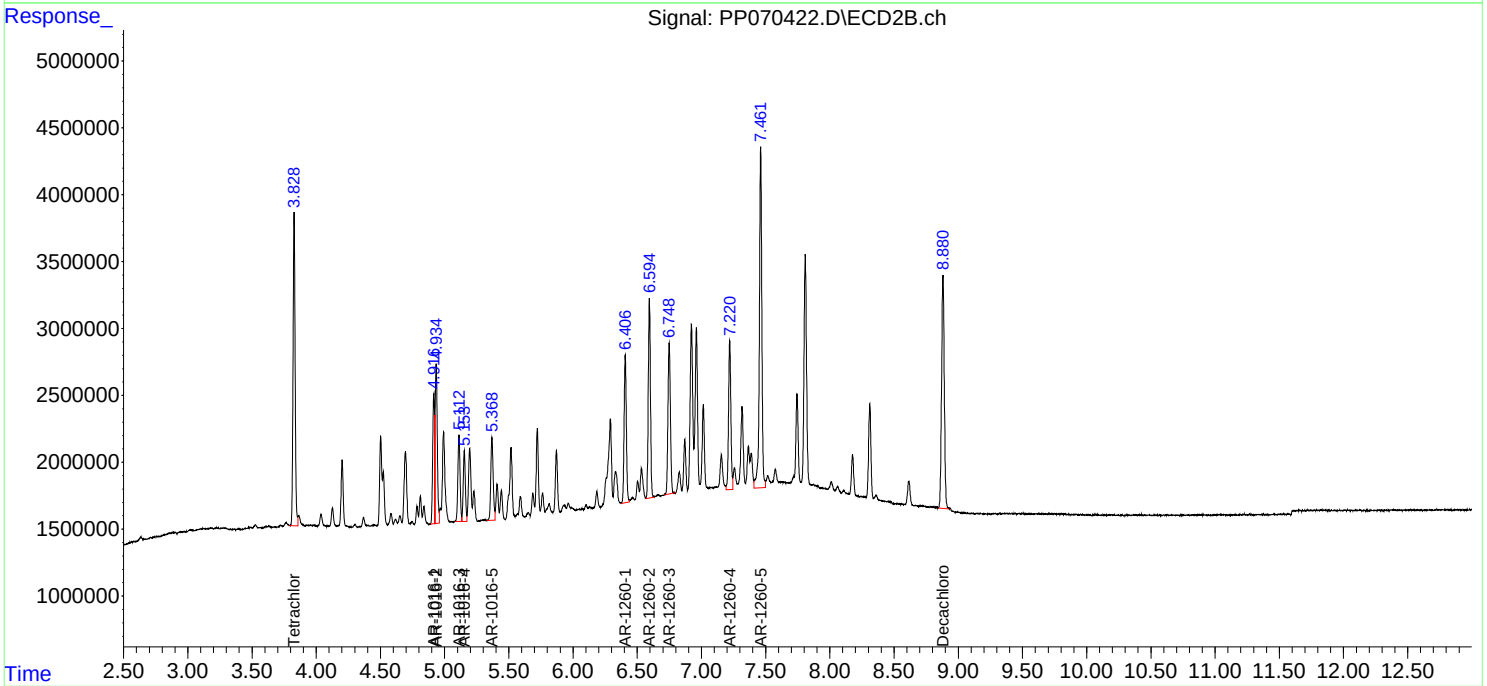
Manual Integrations APPROVED

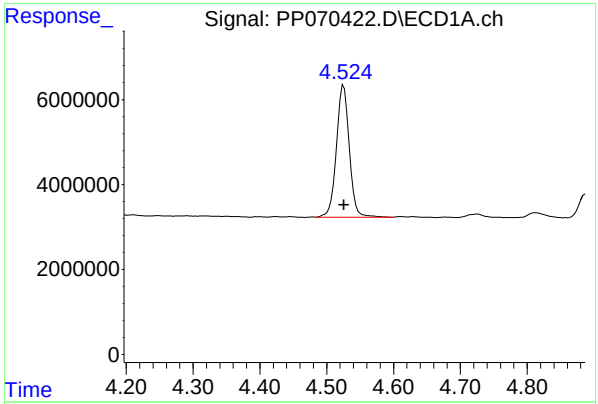
Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 16:15:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 16:15:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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







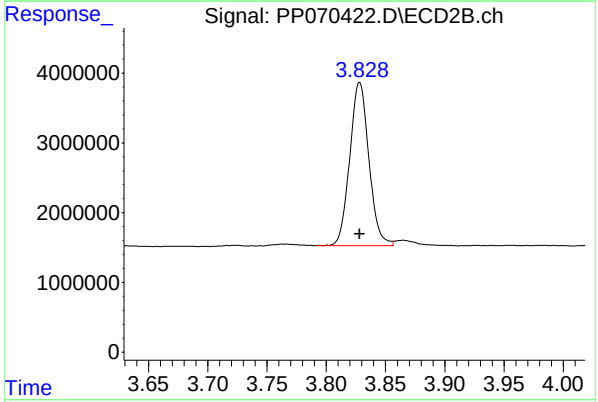
#1 Tetrachloro-m-xylene

R.T.: 4.526 min
Delta R.T.: 0.000 mi
Response: 41531966
Conc: 26.67 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

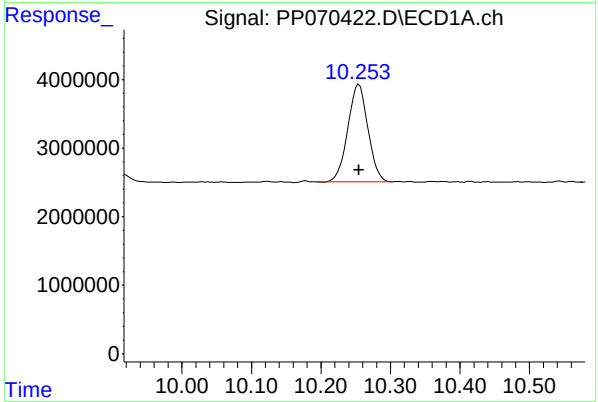
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



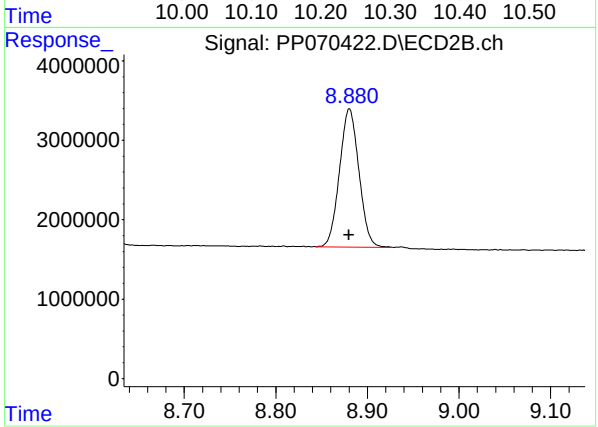
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 26313383
Conc: 26.64 ng/ml



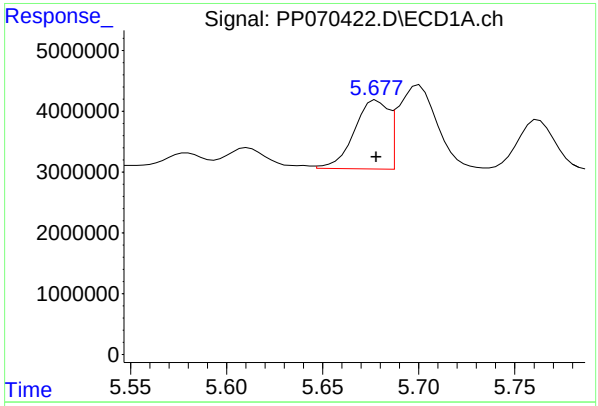
#2 Decachlorobiphenyl

R.T.: 10.255 min
Delta R.T.: 0.000 min
Response: 28350211
Conc: 26.57 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.880 min
Delta R.T.: 0.000 min
Response: 25677480
Conc: 26.33 ng/ml m



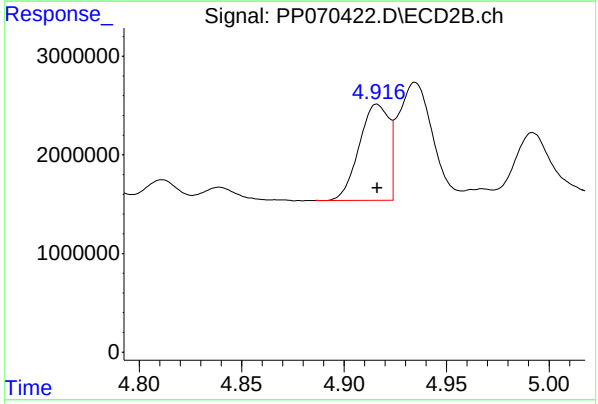
#3 AR-1016-1

R.T.: 5.678 min
Delta R.T.: 0.000 min
Response: 14080037
Conc: 278.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

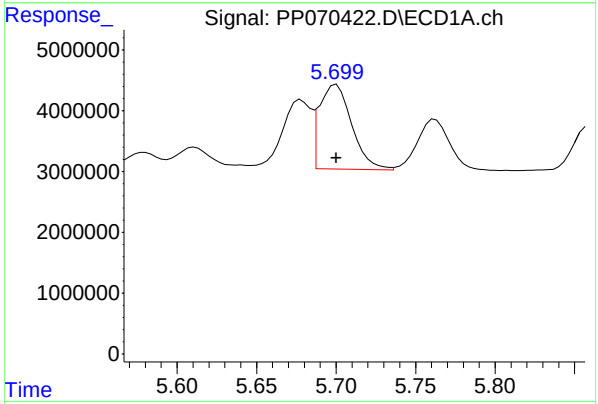
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



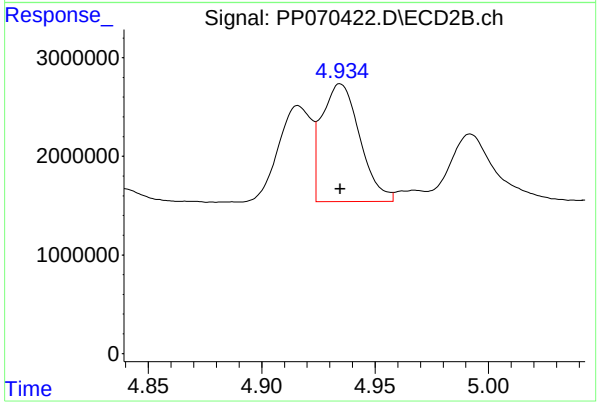
#3 AR-1016-1

R.T.: 4.916 min
Delta R.T.: 0.000 min
Response: 9864390
Conc: 277.47 ng/ml



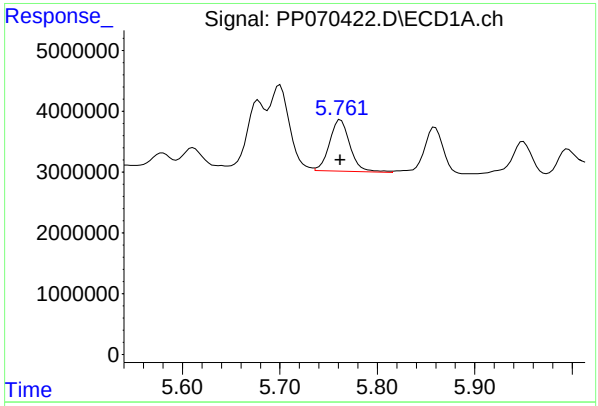
#4 AR-1016-2

R.T.: 5.700 min
Delta R.T.: 0.000 min
Response: 19868297
Conc: 268.90 ng/ml



#4 AR-1016-2

R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 13900874
Conc: 277.83 ng/ml



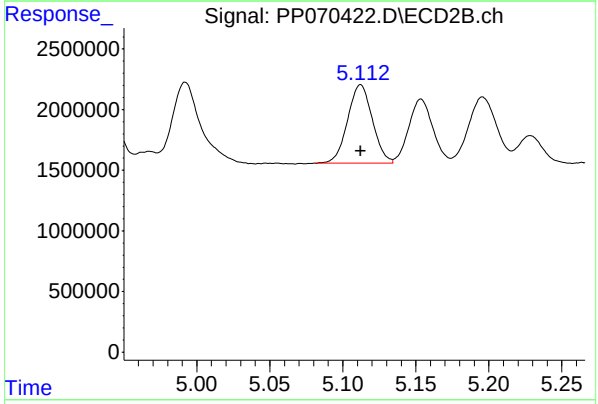
#5 AR-1016-3

R.T.: 5.762 min
Delta R.T.: 0.000 min
Response: 12407402
Conc: 273.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

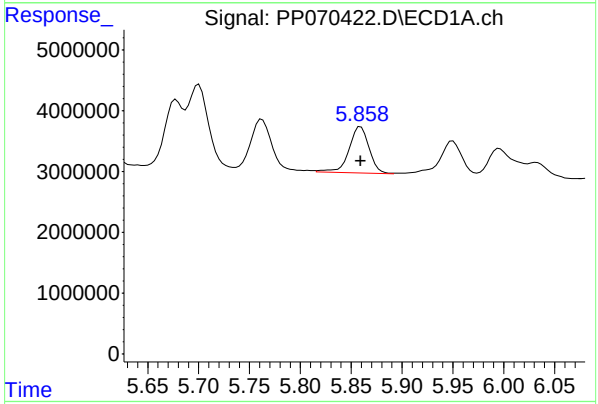
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



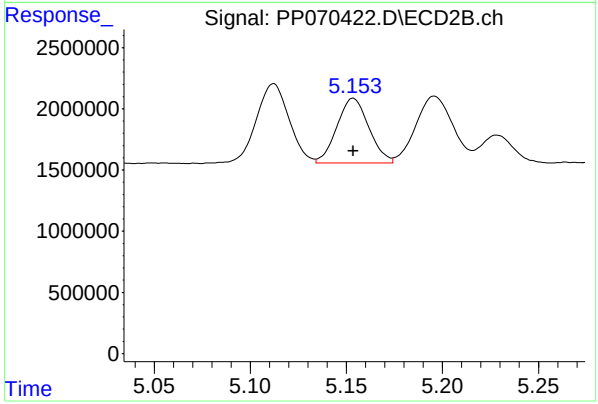
#5 AR-1016-3

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 7670971
Conc: 275.23 ng/ml



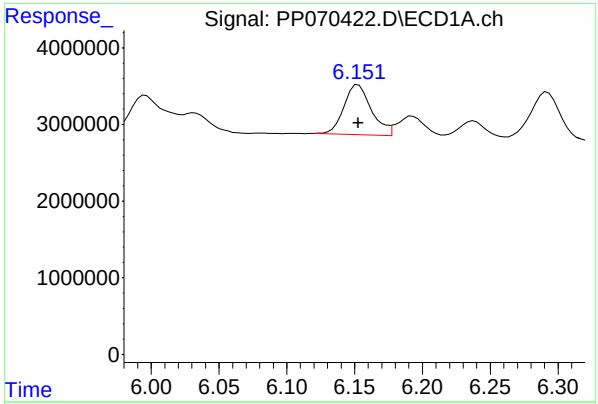
#6 AR-1016-4

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 10571757
Conc: 275.17 ng/ml



#6 AR-1016-4

R.T.: 5.154 min
Delta R.T.: 0.000 min
Response: 6097437
Conc: 274.86 ng/ml



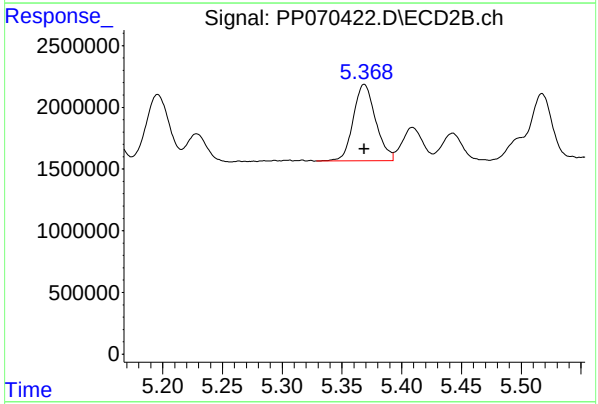
#7 AR-1016-5

R.T.: 6.153 min
Delta R.T.: 0.000 min
Response: 9142764
Conc: 264.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

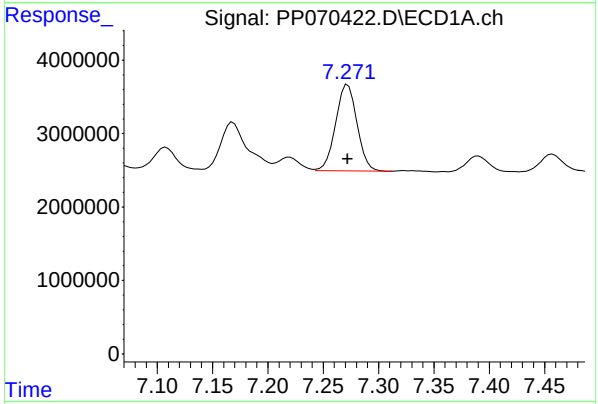
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



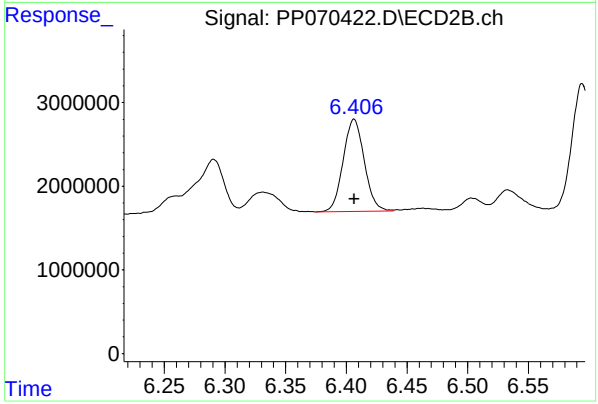
#7 AR-1016-5

R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 8102490
Conc: 282.51 ng/ml



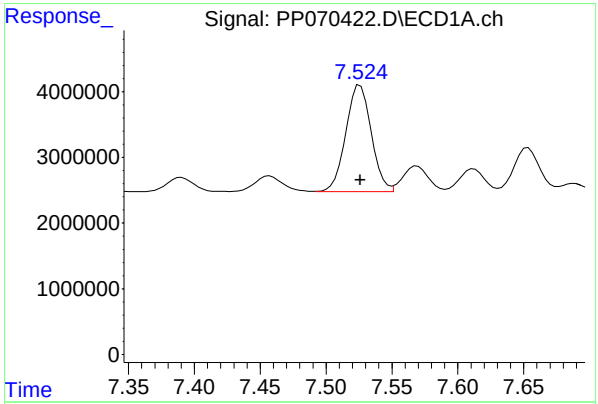
#31 AR-1260-1

R.T.: 7.272 min
Delta R.T.: 0.000 min
Response: 15812734
Conc: 266.61 ng/ml



#31 AR-1260-1

R.T.: 6.406 min
Delta R.T.: 0.000 min
Response: 13410773
Conc: 272.83 ng/ml



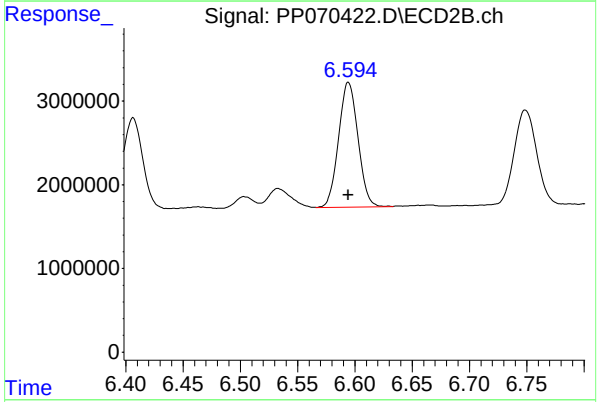
#32 AR-1260-2

R.T.: 7.526 min
Delta R.T.: 0.000 min
Response: 21836797
Conc: 268.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

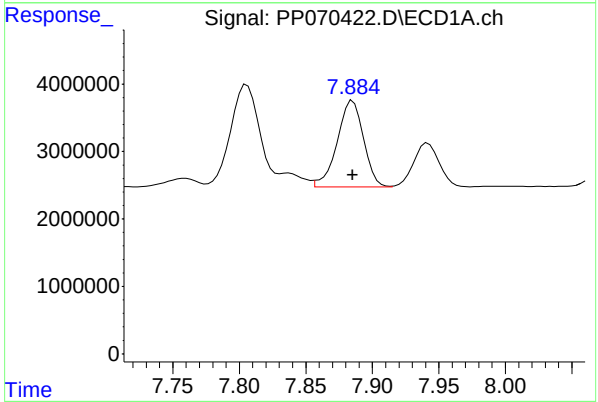
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



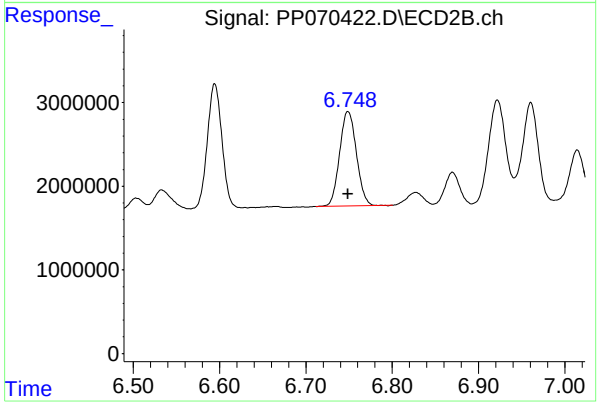
#32 AR-1260-2

R.T.: 6.594 min
Delta R.T.: 0.000 min
Response: 17516742
Conc: 268.04 ng/ml



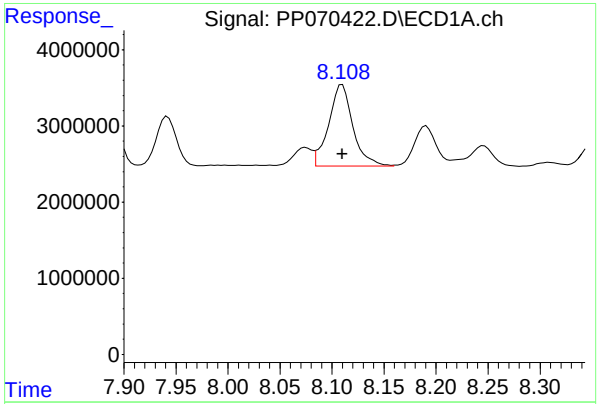
#33 AR-1260-3

R.T.: 7.885 min
Delta R.T.: 0.000 min
Response: 17670532
Conc: 265.36 ng/ml



#33 AR-1260-3

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 15252750
Conc: 269.35 ng/ml



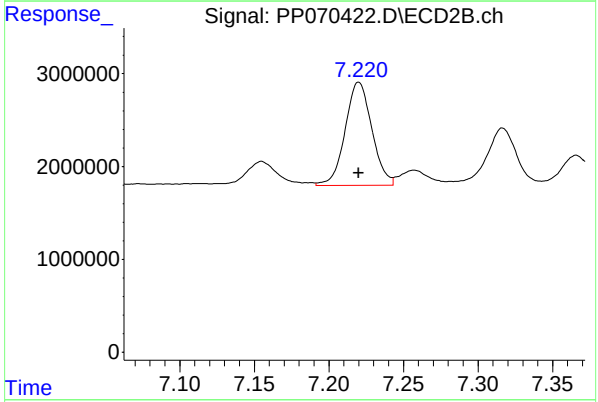
#34 AR-1260-4

R.T.: 8.110 min
Delta R.T.: 0.000 min
Response: 17375887
Conc: 265.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

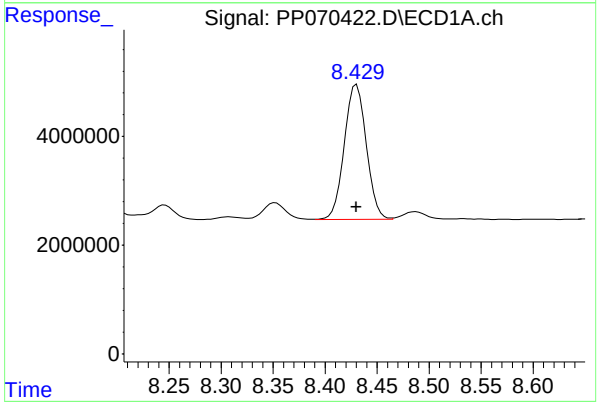
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



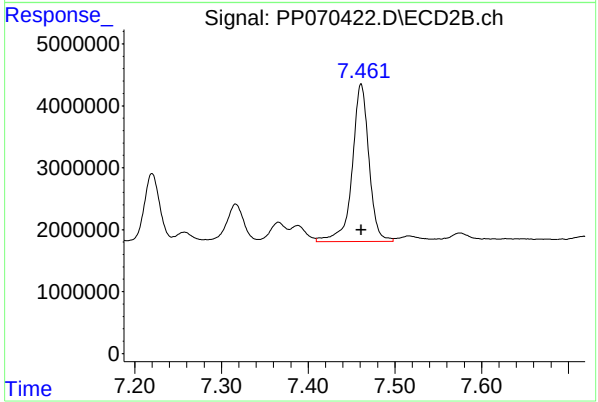
#34 AR-1260-4

R.T.: 7.220 min
Delta R.T.: 0.000 min
Response: 13889843
Conc: 269.14 ng/ml



#35 AR-1260-5

R.T.: 8.430 min
Delta R.T.: 0.000 min
Response: 36632226
Conc: 265.16 ng/ml



#35 AR-1260-5

R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 34190463
Conc: 259.73 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070423.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 16:18
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 16:29:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 16:29:31 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.526	3.828	7739681	5305139	4.976	5.293
2) SA	Decachlor...	10.252	8.882	5218274	4943985	4.912	5.053
	Target Compounds						
3) L1	AR-1016-1	5.676	4.917	2841545	1877865	53.987m	52.232
4) L1	AR-1016-2	5.699	4.936	3108517	2984969	42.895m	57.440 #
5) L1	AR-1016-3	5.762	5.113	2299832	1539056	50.765m	54.090
6) L1	AR-1016-4	5.859	5.154	2075609	1160746	53.599m	51.842
7) L1	AR-1016-5	6.151	5.369	1738965	1693613	50.227	56.988
31) L7	AR-1260-1	7.273	6.407	2822336	2615404	48.049	52.535
32) L7	AR-1260-2	7.527	6.594	4256172	3451390	51.877	52.225
33) L7	AR-1260-3	7.885	6.749	3121384	2973566	47.468	51.988
34) L7	AR-1260-4	8.110	7.221	3269147	2469332	50.031	48.460m
35) L7	AR-1260-5	8.431	7.461	6538931	5868129	47.842	45.416m

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070423.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 16:18
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

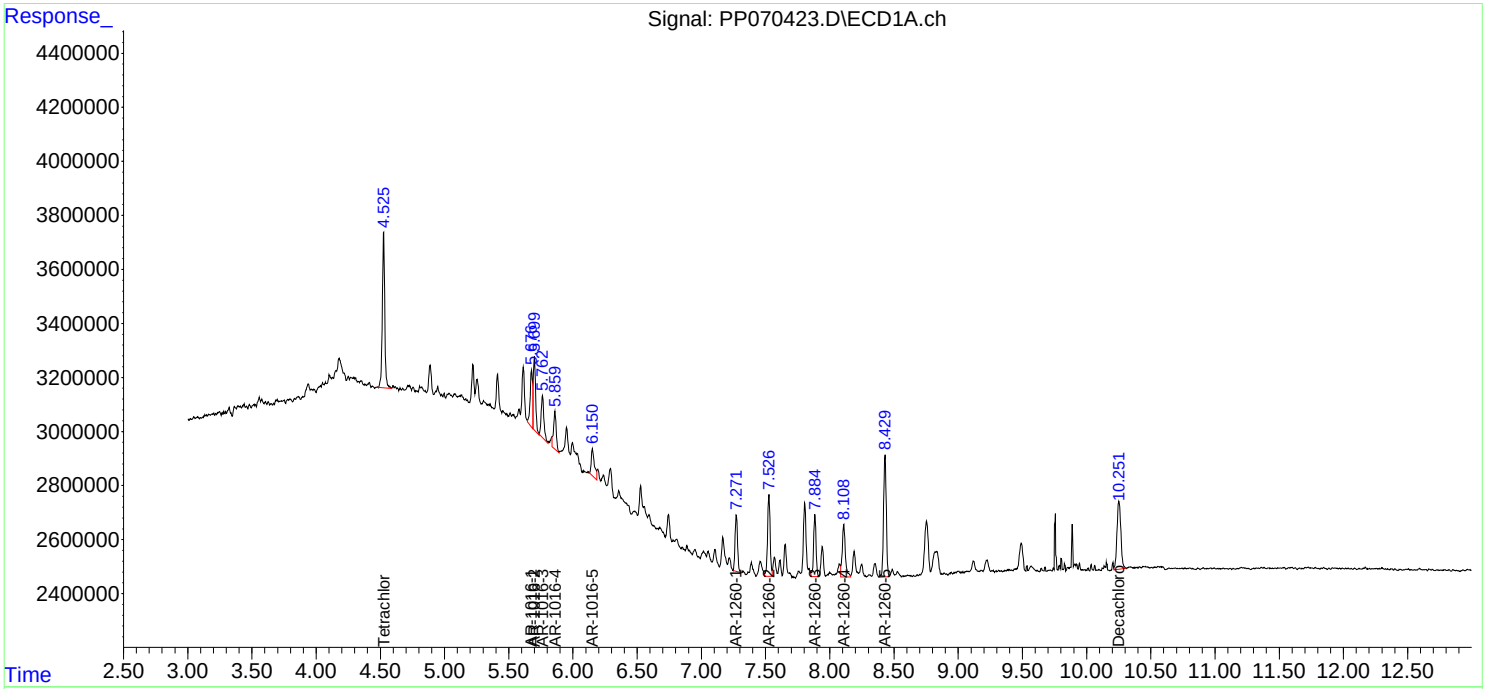
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

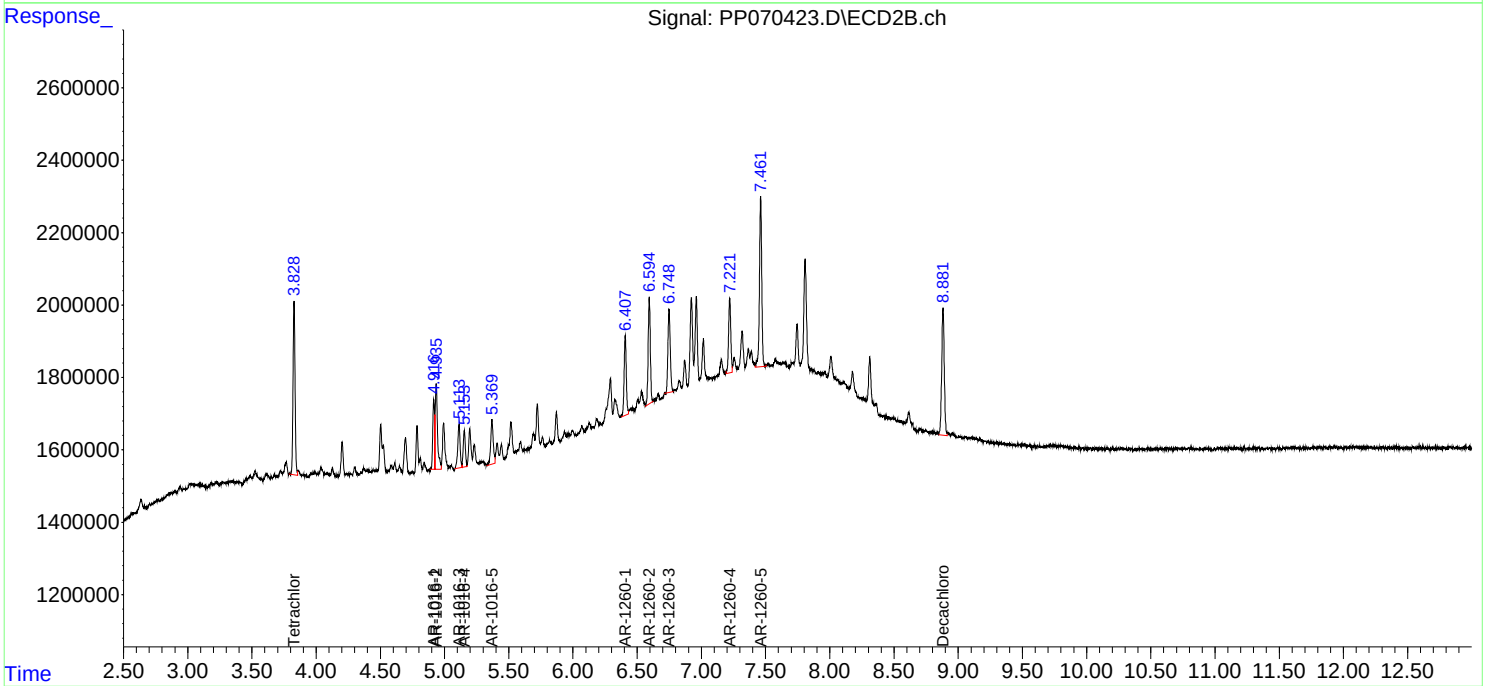
Manual Integrations APPROVED

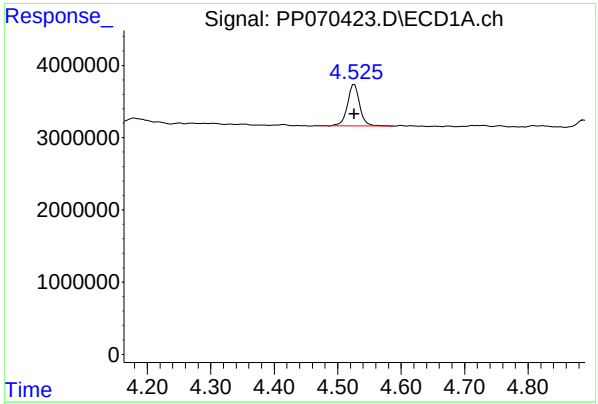
Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 16:29:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 16:29:31 2025
Response via : Initial Calibration
Integrator: ChemStation

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







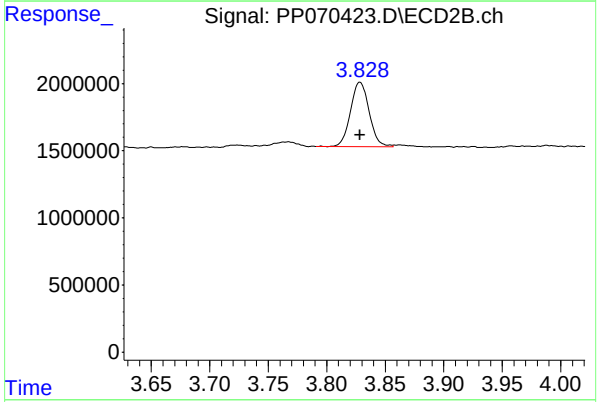
#1 Tetrachloro-m-xylene

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 7739681
Conc: 4.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

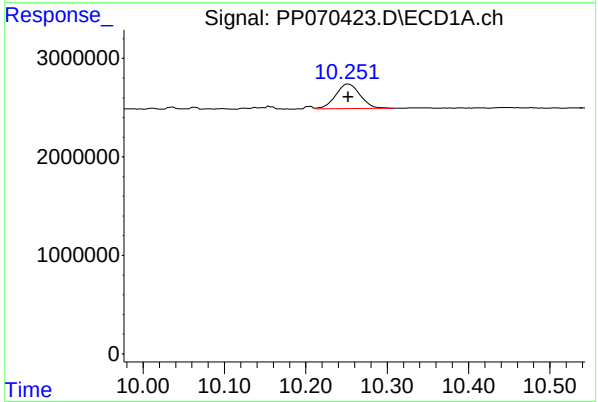
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



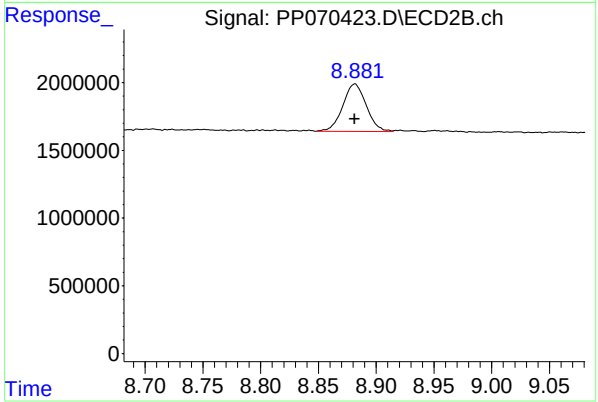
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 5305139
Conc: 5.29 ng/ml



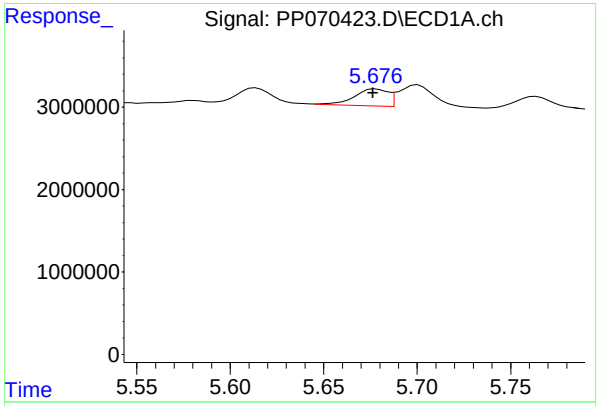
#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: 0.000 min
Response: 5218274
Conc: 4.91 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.882 min
Delta R.T.: 0.000 min
Response: 4943985
Conc: 5.05 ng/ml



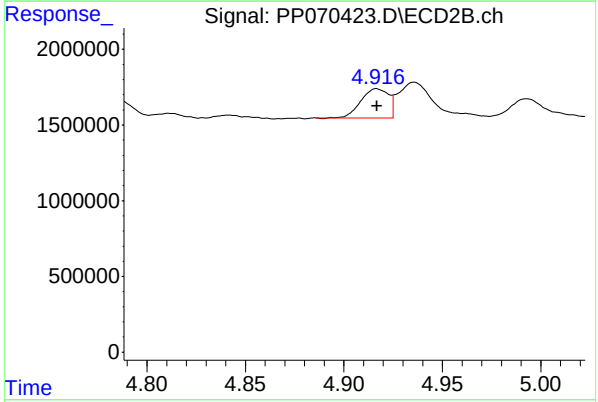
#3 AR-1016-1

R.T.: 5.676 min
Delta R.T.: 0.000 mi
Response: 2841545
Conc: 53.99 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

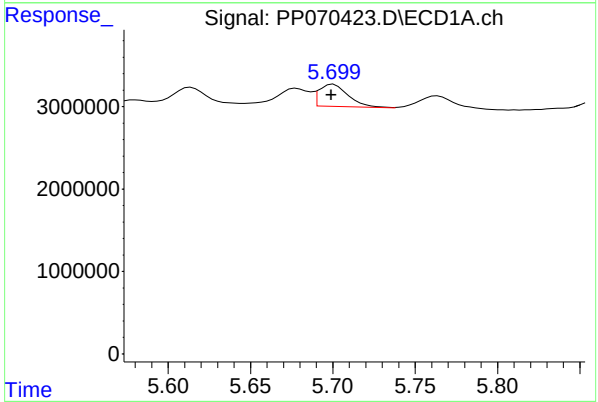
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



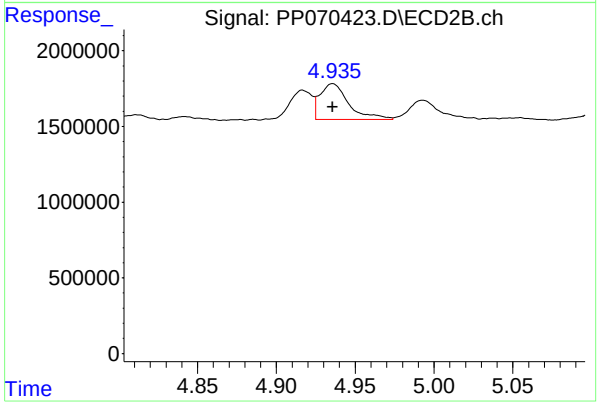
#3 AR-1016-1

R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 1877865
Conc: 52.23 ng/ml



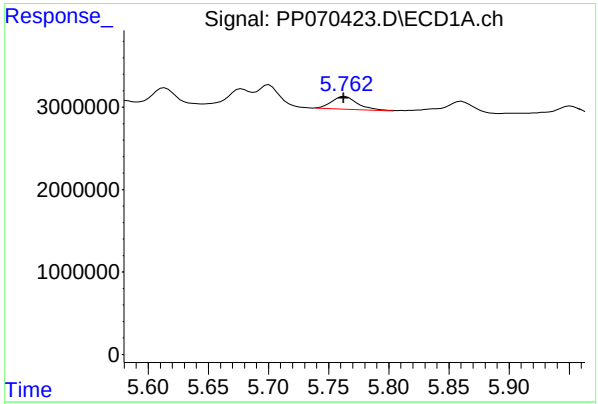
#4 AR-1016-2

R.T.: 5.699 min
Delta R.T.: 0.000 min
Response: 3108517
Conc: 42.89 ng/ml m



#4 AR-1016-2

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 2984969
Conc: 57.44 ng/ml



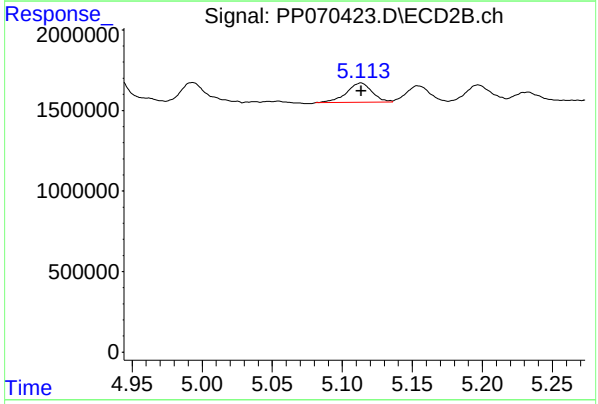
#5 AR-1016-3

R.T.: 5.762 min
Delta R.T.: 0.000 mi
Response: 2299832
Conc: 50.76 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

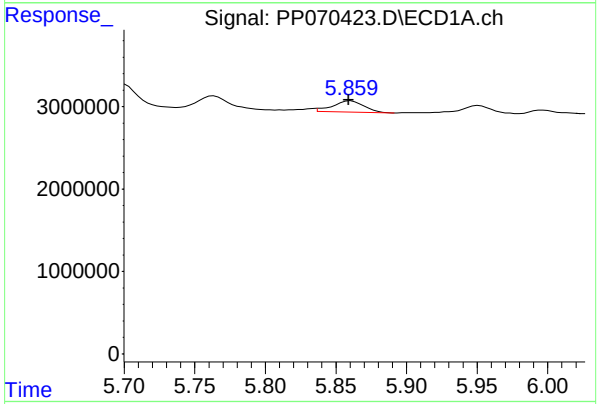
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



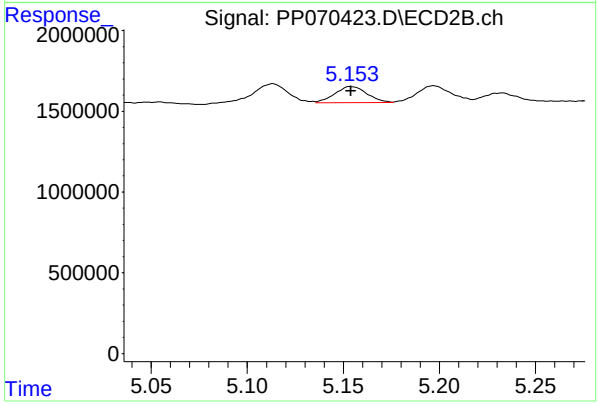
#5 AR-1016-3

R.T.: 5.113 min
Delta R.T.: 0.000 min
Response: 1539056
Conc: 54.09 ng/ml



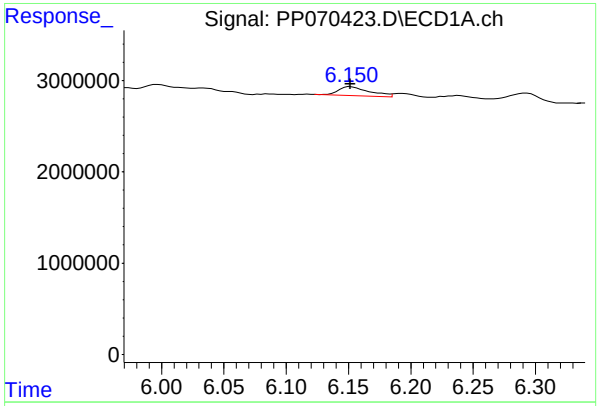
#6 AR-1016-4

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 2075609
Conc: 53.60 ng/ml m



#6 AR-1016-4

R.T.: 5.154 min
Delta R.T.: 0.000 min
Response: 1160746
Conc: 51.84 ng/ml



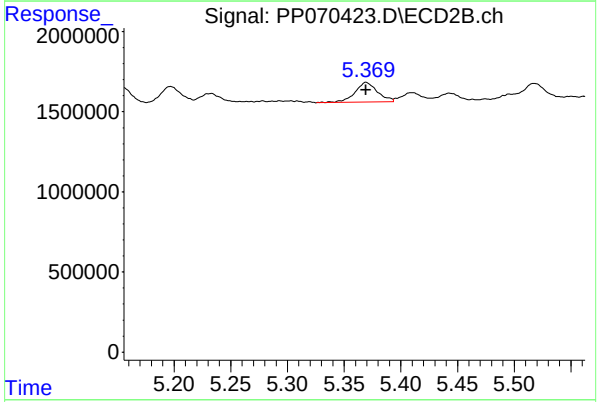
#7 AR-1016-5

R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 1738965
Conc: 50.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

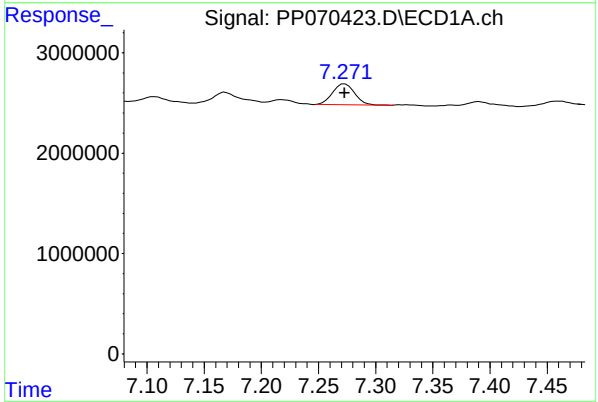
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



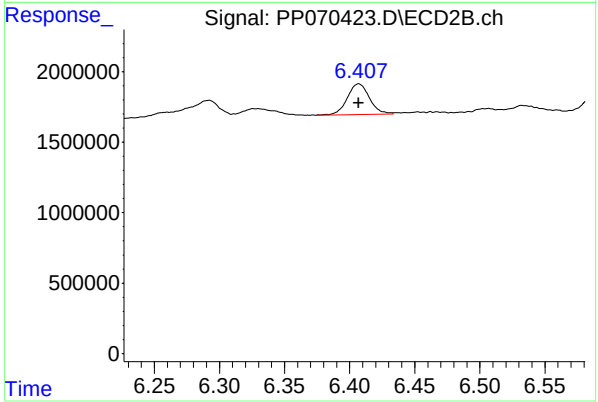
#7 AR-1016-5

R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 1693613
Conc: 56.99 ng/ml



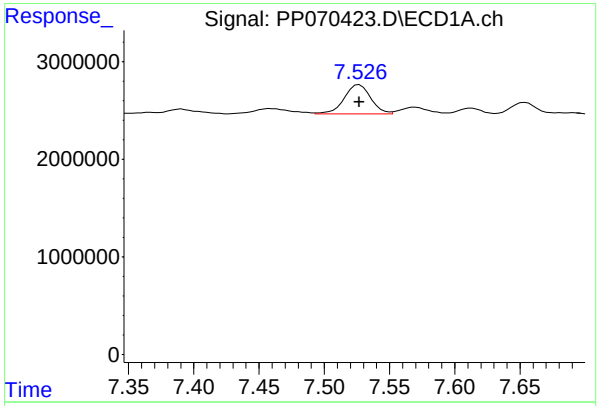
#31 AR-1260-1

R.T.: 7.273 min
Delta R.T.: 0.000 min
Response: 2822336
Conc: 48.05 ng/ml



#31 AR-1260-1

R.T.: 6.407 min
Delta R.T.: 0.000 min
Response: 2615404
Conc: 52.53 ng/ml



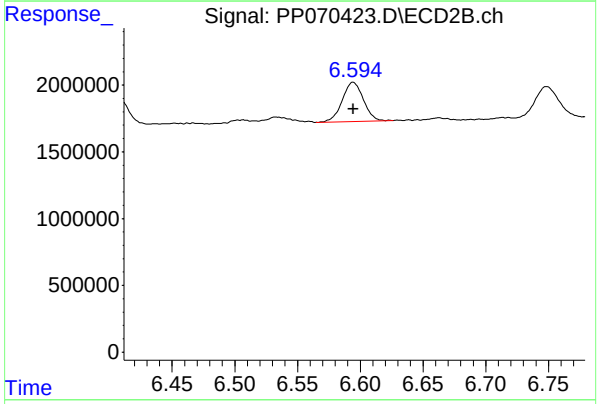
#32 AR-1260-2

R.T.: 7.527 min
Delta R.T.: 0.000 min
Response: 4256172
Conc: 51.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

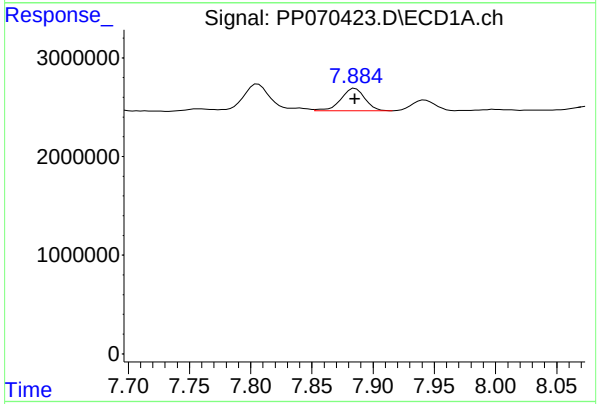
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



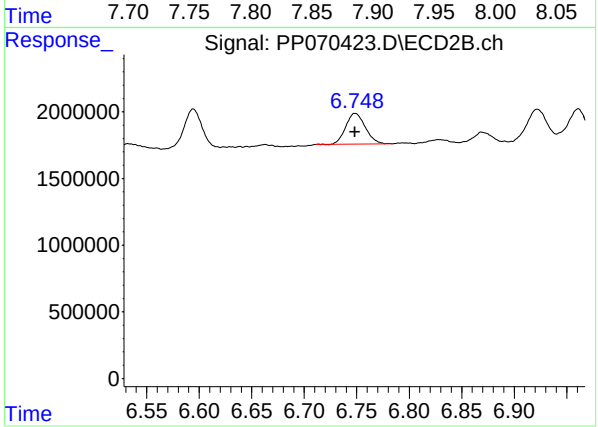
#32 AR-1260-2

R.T.: 6.594 min
Delta R.T.: 0.000 min
Response: 3451390
Conc: 52.22 ng/ml



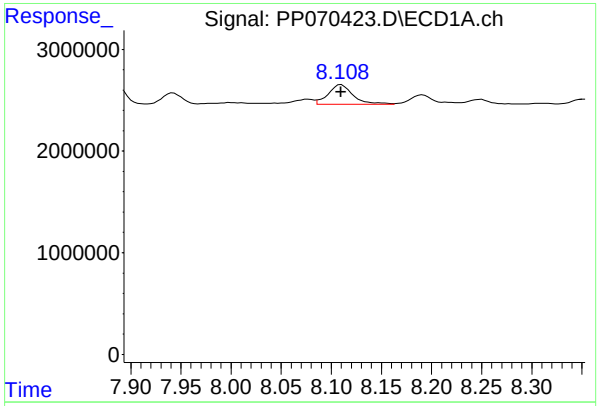
#33 AR-1260-3

R.T.: 7.885 min
Delta R.T.: 0.000 min
Response: 3121384
Conc: 47.47 ng/ml



#33 AR-1260-3

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 2973566
Conc: 51.99 ng/ml



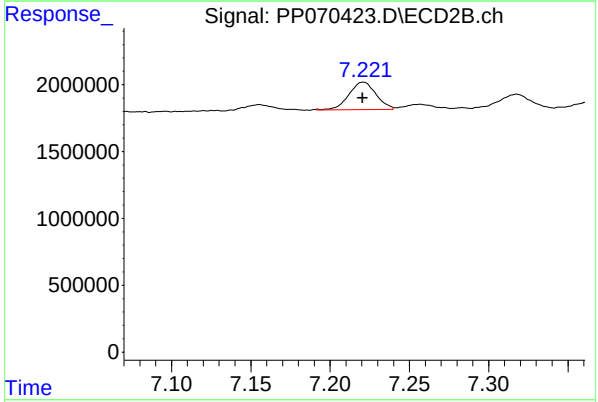
#34 AR-1260-4

R.T.: 8.110 min
Delta R.T.: 0.000 mi
Response: 3269147
Conc: 50.03 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

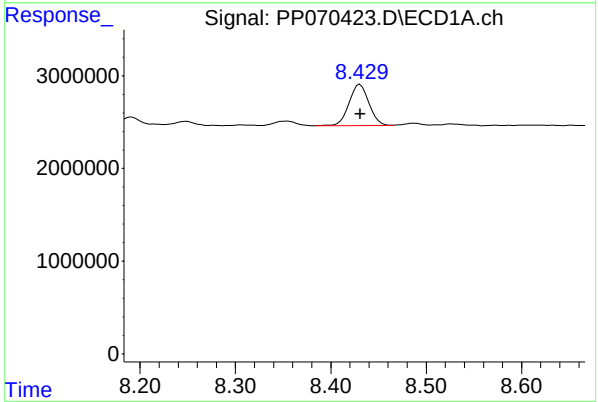
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



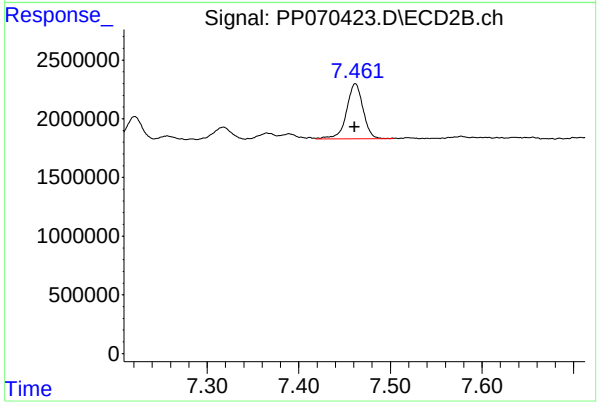
#34 AR-1260-4

R.T.: 7.221 min
Delta R.T.: 0.000 min
Response: 2469332
Conc: 48.46 ng/ml m



#35 AR-1260-5

R.T.: 8.431 min
Delta R.T.: 0.000 min
Response: 6538931
Conc: 47.84 ng/ml



#35 AR-1260-5

R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 5868129
Conc: 45.42 ng/ml m

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070424.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 16:34
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: Mar 11 21:54:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 21:54:12 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...	4.527	3.829	85559870	52860952	50.000	50.000
2)	SA Decachlor...	10.253	8.882	57800559	48491420	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	4.728	4.040	9970034	7441268	500.000	500.000
9)	L2 AR-1221-2	4.814	4.127	7304344	5714551	500.000	500.000
10)	L2 AR-1221-3	4.889	4.203	22182343	16710871	500.000	500.000

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

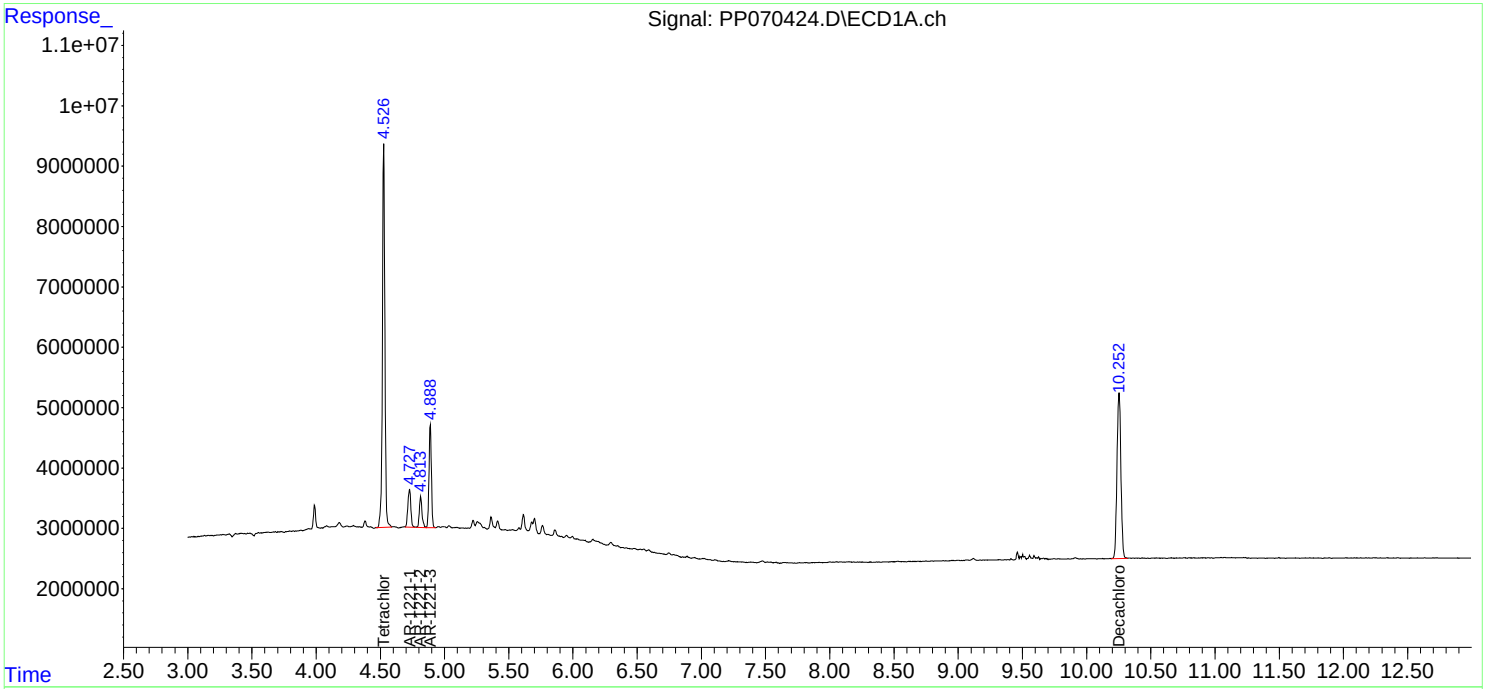
ICAL Form

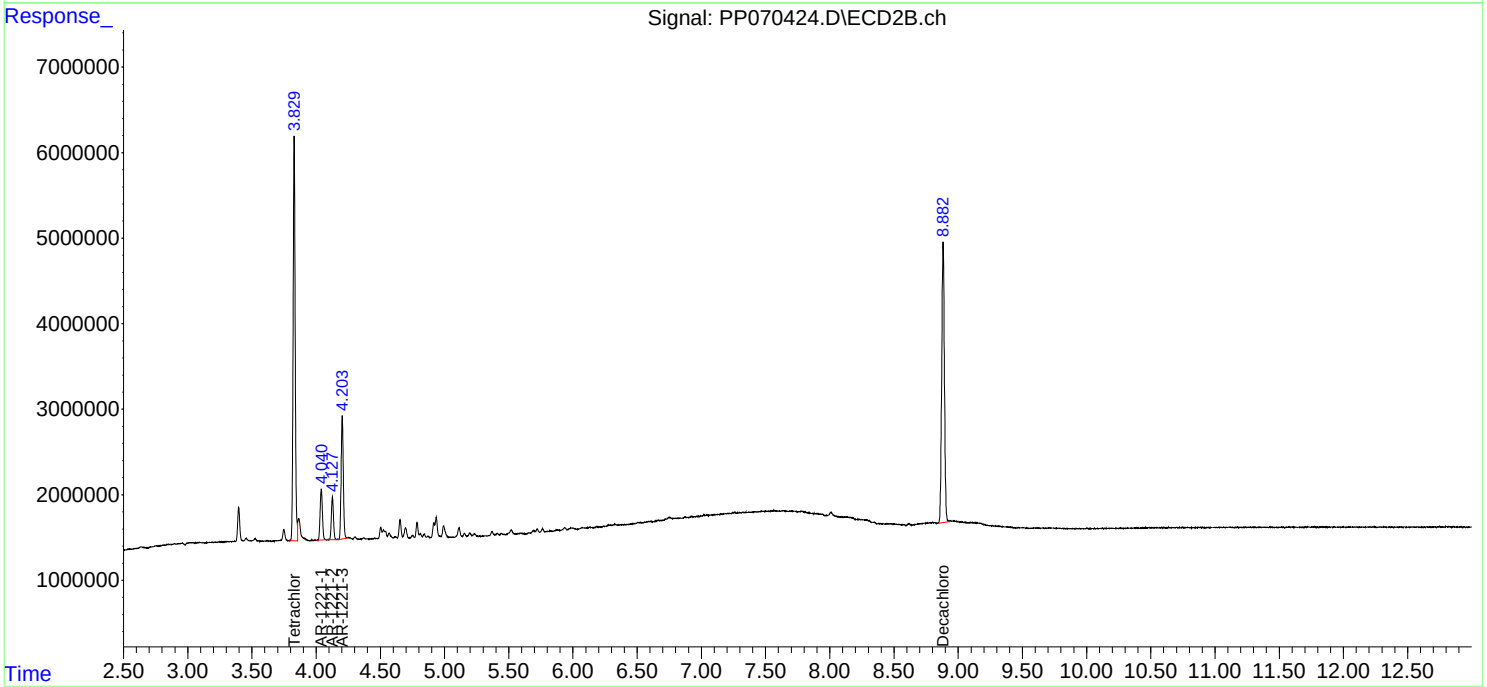
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070424.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 16:34
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

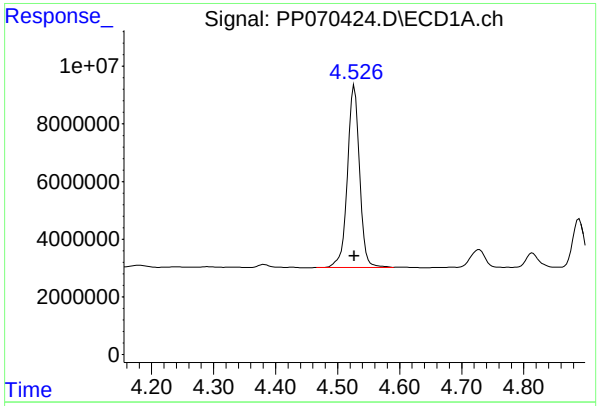
Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 21:54:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 21:54:12 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



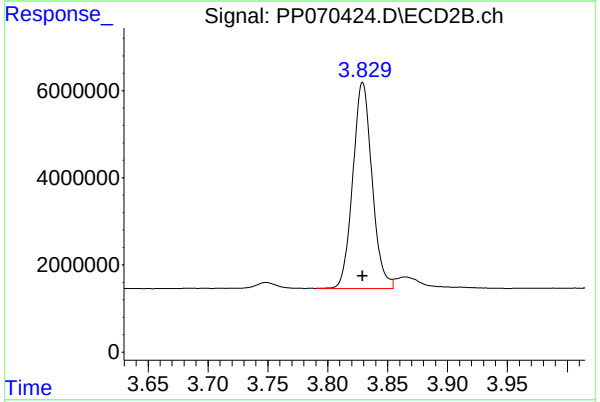




#1 Tetrachloro-m-xylene

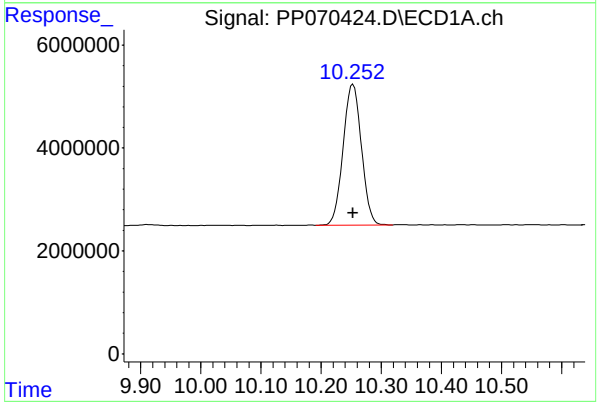
R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 85559870
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



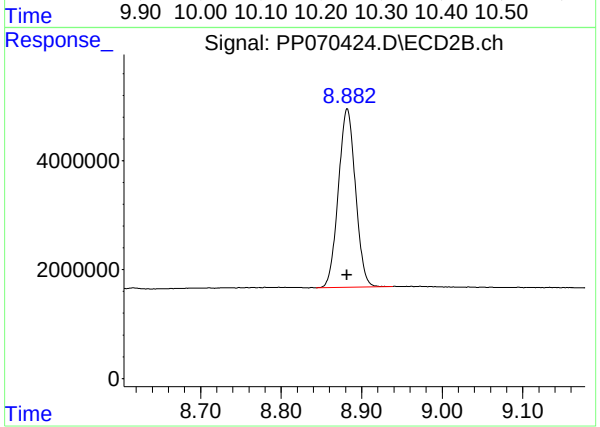
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: 0.000 min
Response: 52860952
Conc: 50.00 ng/ml



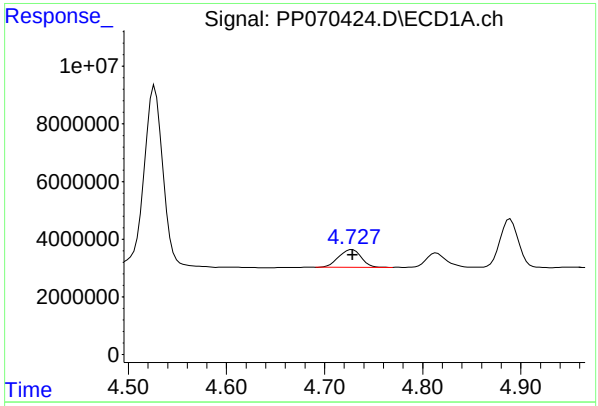
#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: 0.000 min
Response: 57800559
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

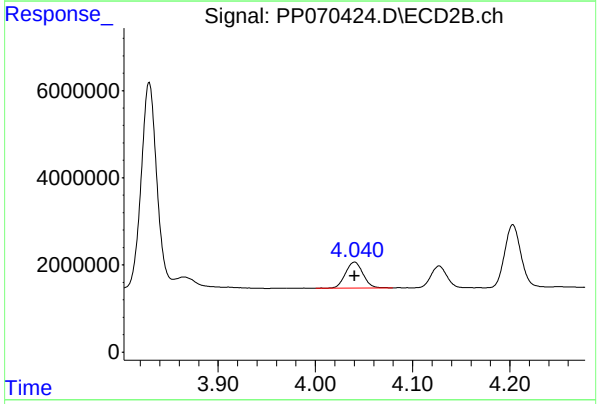
R.T.: 8.882 min
Delta R.T.: 0.000 min
Response: 48491420
Conc: 50.00 ng/ml



#8 AR-1221-1

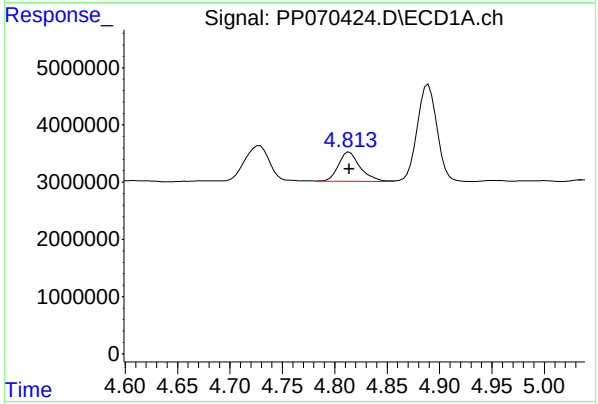
R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 9970034
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



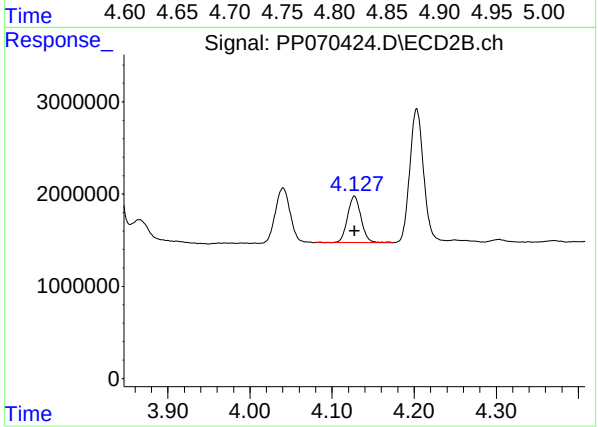
#8 AR-1221-1

R.T.: 4.040 min
Delta R.T.: 0.000 min
Response: 7441268
Conc: 500.00 ng/ml



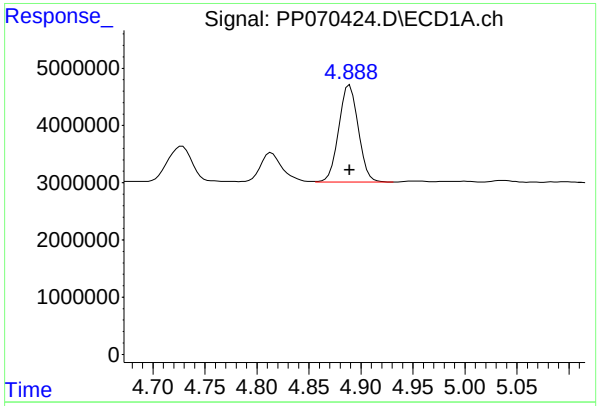
#9 AR-1221-2

R.T.: 4.814 min
Delta R.T.: 0.000 min
Response: 7304344
Conc: 500.00 ng/ml



#9 AR-1221-2

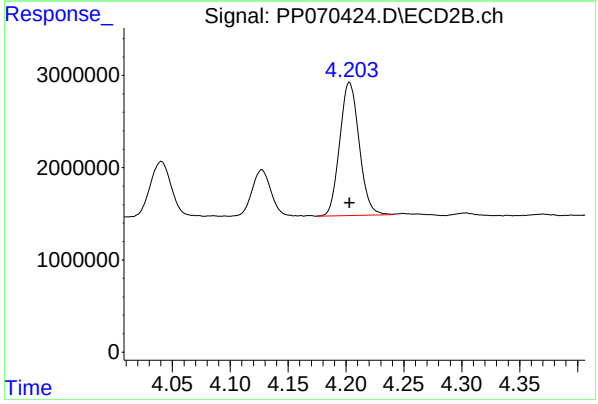
R.T.: 4.127 min
Delta R.T.: 0.000 min
Response: 5714551
Conc: 500.00 ng/ml



#10 AR-1221-3

R.T.: 4.889 min
Delta R.T.: 0.000 mi
Response: 22182343
Conc: 500.00 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



#10 AR-1221-3

R.T.: 4.203 min
Delta R.T.: 0.000 min
Response: 16710871
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070425.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 16:51
Operator : YP\AJ
Sample : AR1232ICC1000
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1232ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 21:59:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 21:58:44 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...	4.525	3.828	150.4E6	98129431	92.351	95.548
2)	SA Decachlor...	10.253	8.882	100.7E6	92359197	90.743	95.702
	Target Compounds						
11)	L3 AR-1232-1	4.887	4.202	31812517	23977464	913.736	926.616
12)	L3 AR-1232-2	5.413	4.935	16331114	23409194	922.165	929.728
13)	L3 AR-1232-3	5.699	5.112	33685372	12864968	894.673	935.420
14)	L3 AR-1232-4	5.859	5.197	17112653	10909254	906.329	934.217
15)	L3 AR-1232-5	5.949	5.369	12358074	12122932	908.882	928.836

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

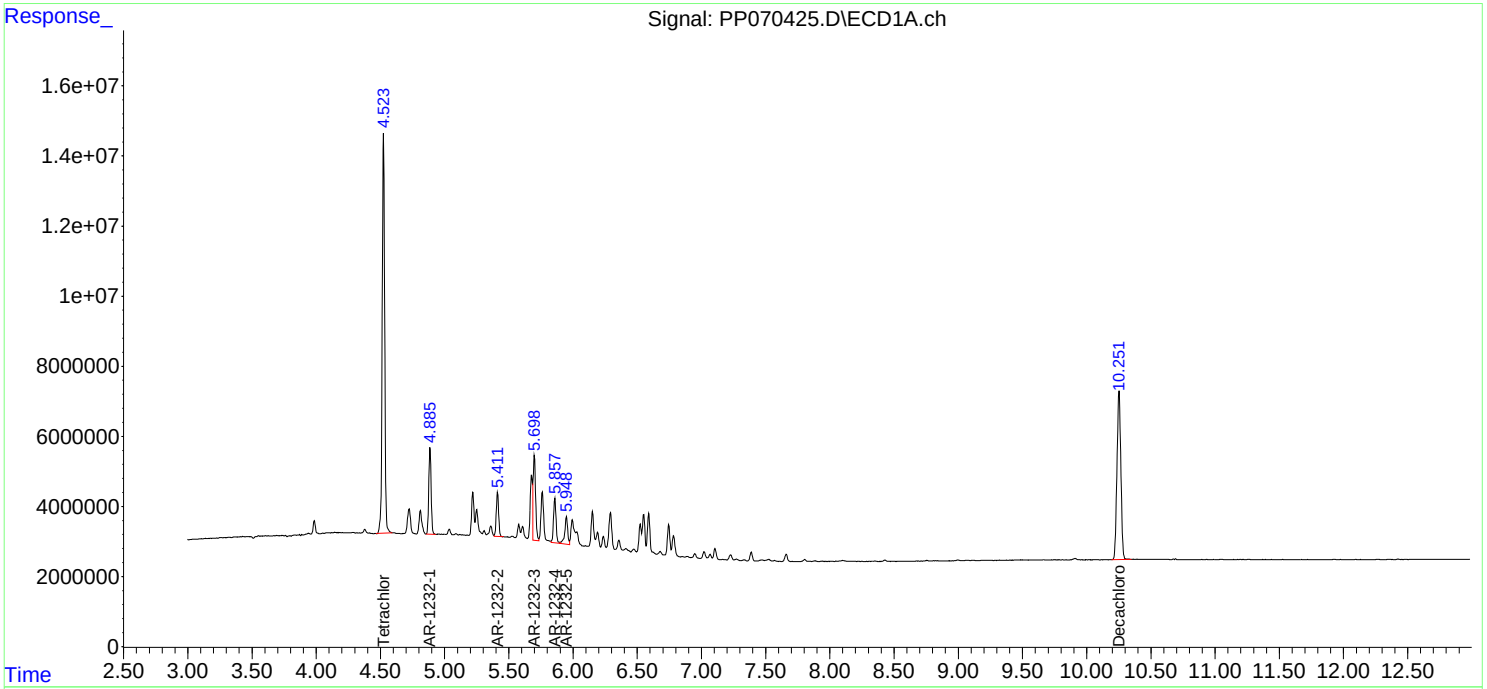
ICAL Form

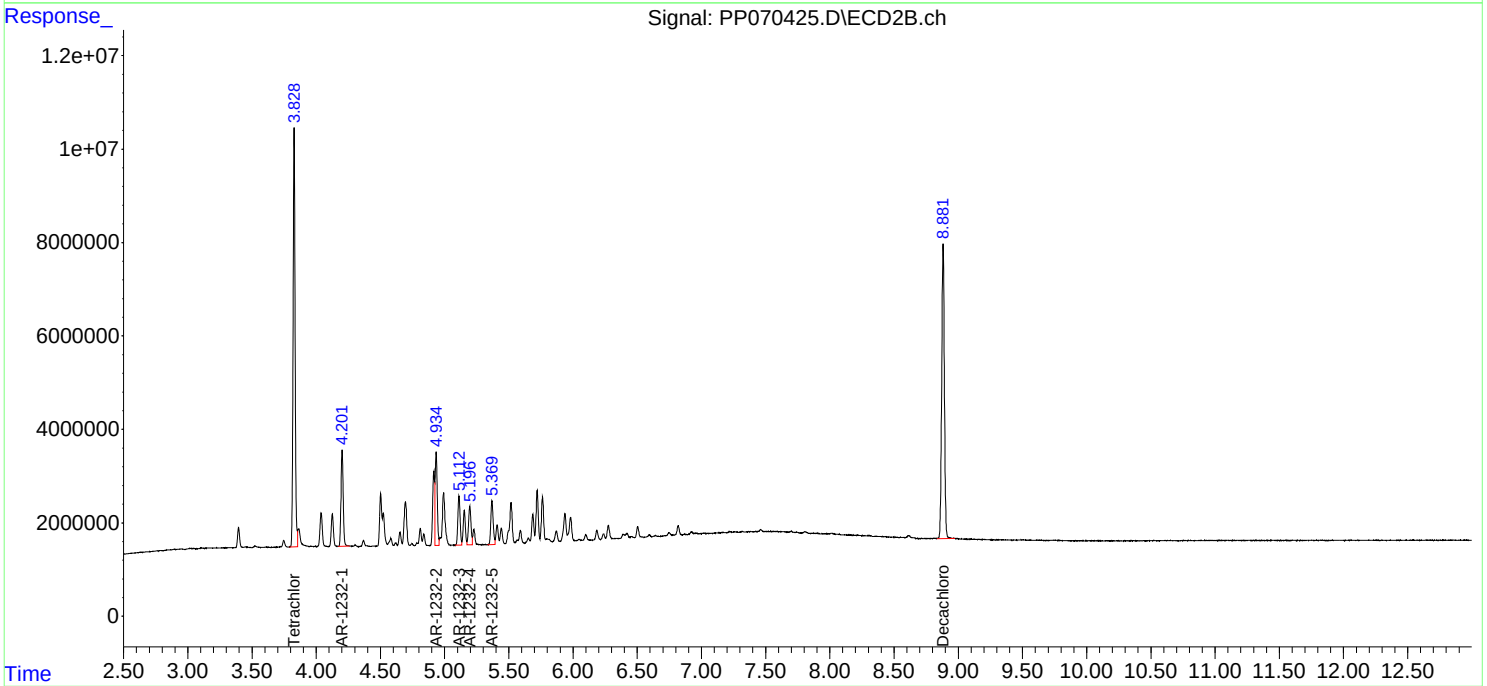
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070425.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 16:51
Operator : YP\AJ
Sample : AR1232ICC1000
Misc :
ALS Vial : 9 Sample Multiplier: 1

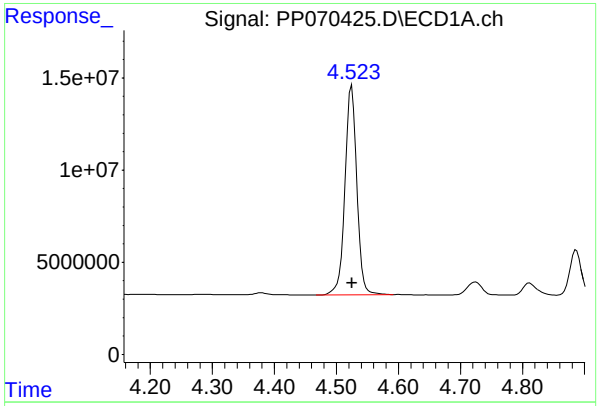
Instrument :
ECD_P
ClientSampleId :
AR1232ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 21:59:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 21:58:44 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



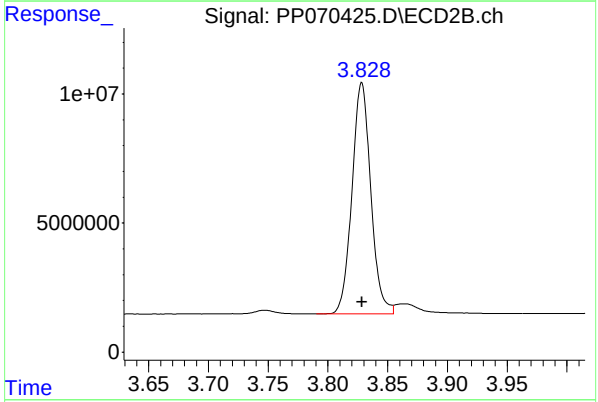




#1 Tetrachloro-m-xylene

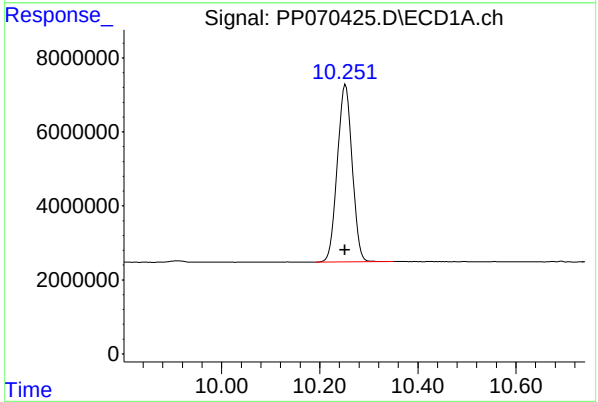
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 150387044
Conc: 92.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC1000



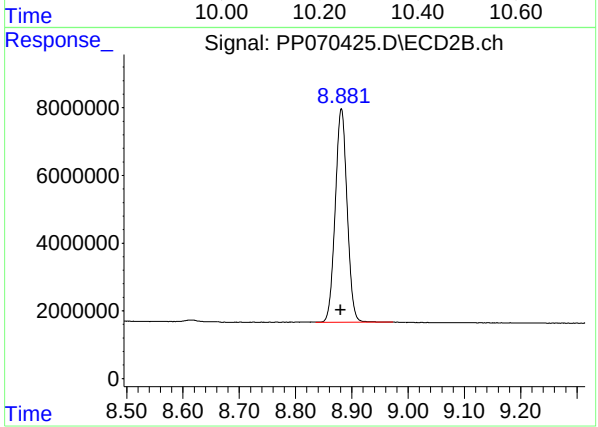
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 98129431
Conc: 95.55 ng/ml



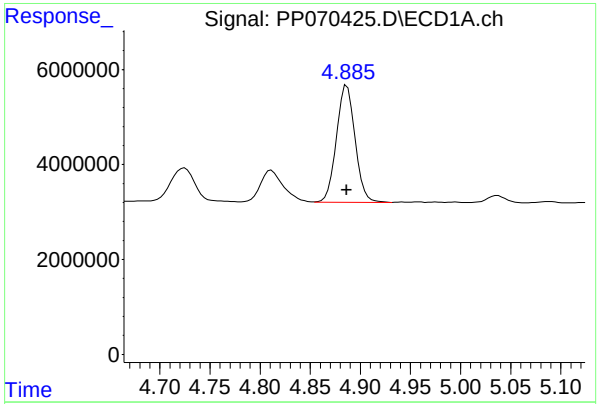
#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: 0.001 min
Response: 100734664
Conc: 90.74 ng/ml



#2 Decachlorobiphenyl

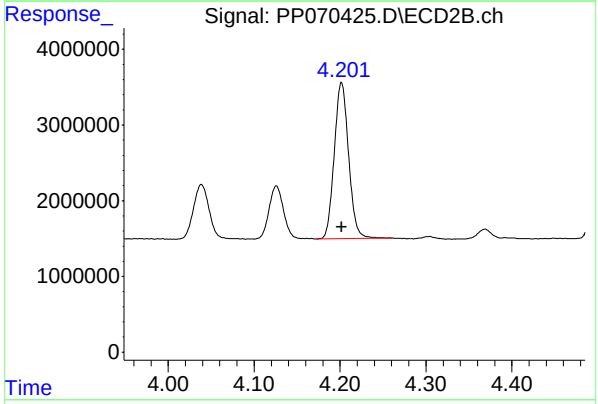
R.T.: 8.882 min
Delta R.T.: 0.001 min
Response: 92359197
Conc: 95.70 ng/ml



#11 AR-1232-1

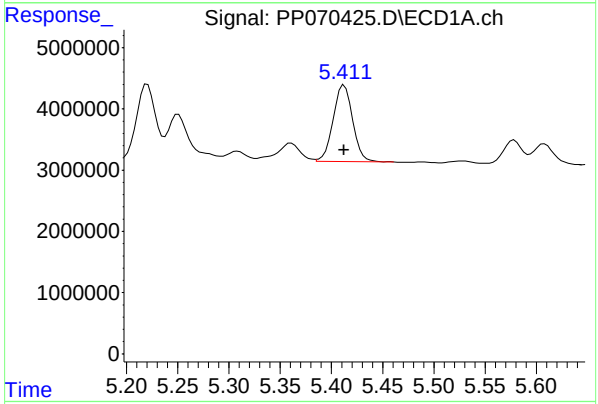
R.T.: 4.887 min
Delta R.T.: 0.000 min
Response: 31812517
Conc: 913.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC1000



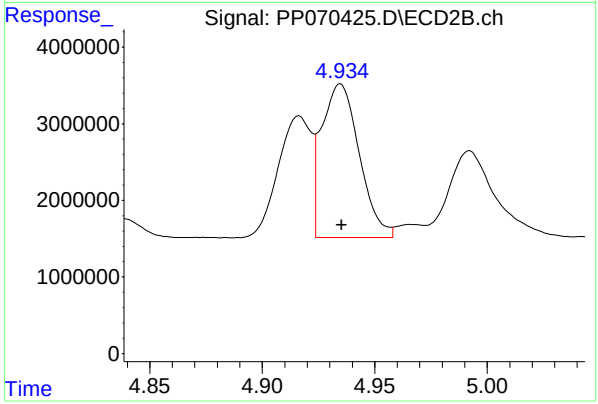
#11 AR-1232-1

R.T.: 4.202 min
Delta R.T.: 0.000 min
Response: 23977464
Conc: 926.62 ng/ml



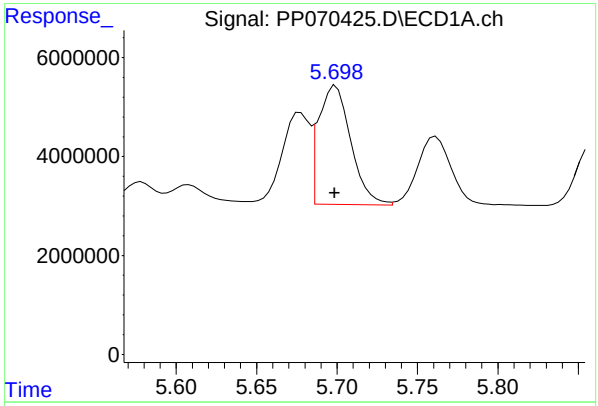
#12 AR-1232-2

R.T.: 5.413 min
Delta R.T.: 0.000 min
Response: 16331114
Conc: 922.17 ng/ml



#12 AR-1232-2

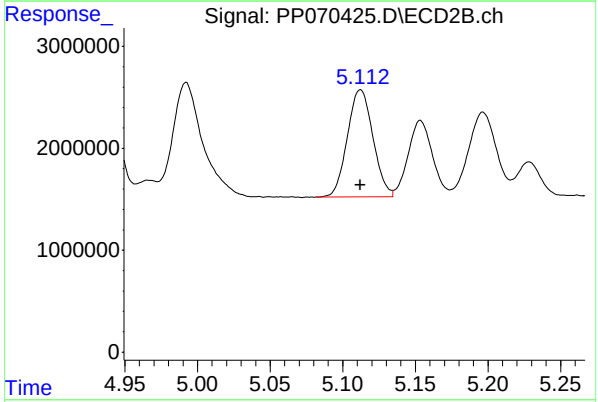
R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 23409194
Conc: 929.73 ng/ml



#13 AR-1232-3

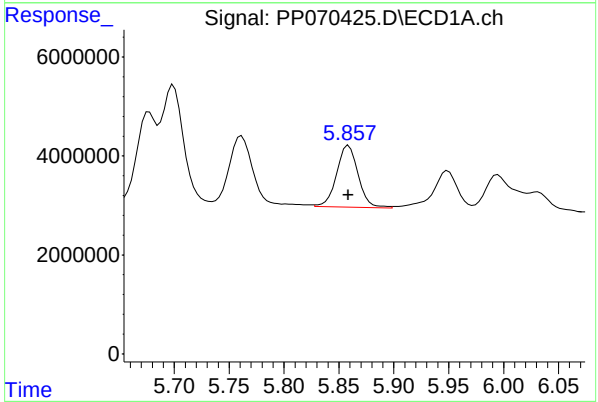
R.T.: 5.699 min
Delta R.T.: 0.000 min
Response: 33685372
Conc: 894.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC1000



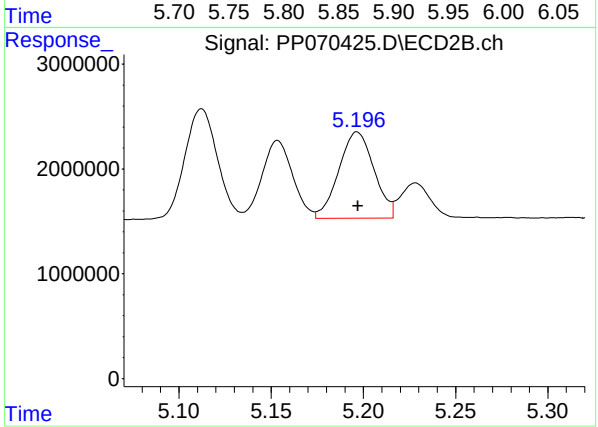
#13 AR-1232-3

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 12864968
Conc: 935.42 ng/ml



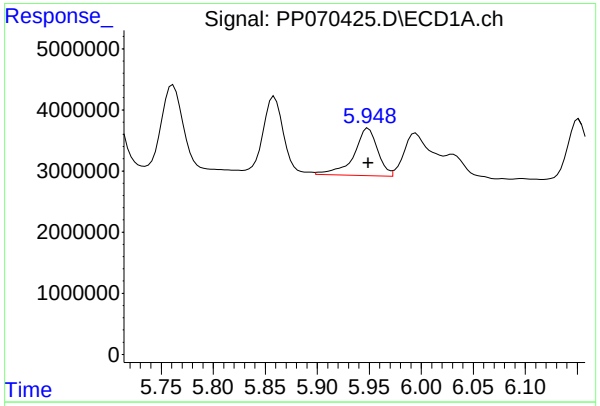
#14 AR-1232-4

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 17112653
Conc: 906.33 ng/ml



#14 AR-1232-4

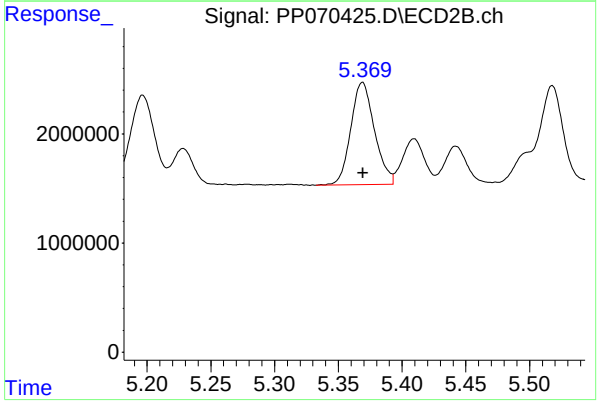
R.T.: 5.197 min
Delta R.T.: 0.000 min
Response: 10909254
Conc: 934.22 ng/ml



#15 AR-1232-5

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 12358074
Conc: 908.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC1000



#15 AR-1232-5

R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 12122932
Conc: 928.84 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070426.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 17:07
Operator : YP\AJ
Sample : AR1232ICC750
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1232ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 21:59:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 21:58:44 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...	4.525	3.829	119.1E6	76777406	73.123	74.758
2)	SA Decachlor...	10.252	8.882	79622540	70086455	71.725	72.623
	Target Compounds						
11)	L3 AR-1232-1	4.887	4.203	25057001	18782891	719.701	725.871
12)	L3 AR-1232-2	5.413	4.936	13025946	18111440	735.533	719.320
13)	L3 AR-1232-3	5.699	5.113	26404840	9838434	701.304	715.359
14)	L3 AR-1232-4	5.859	5.198	13655959	8320666	723.254	712.542
15)	L3 AR-1232-5	5.949	5.370	9764505	9497409	718.137	727.673

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

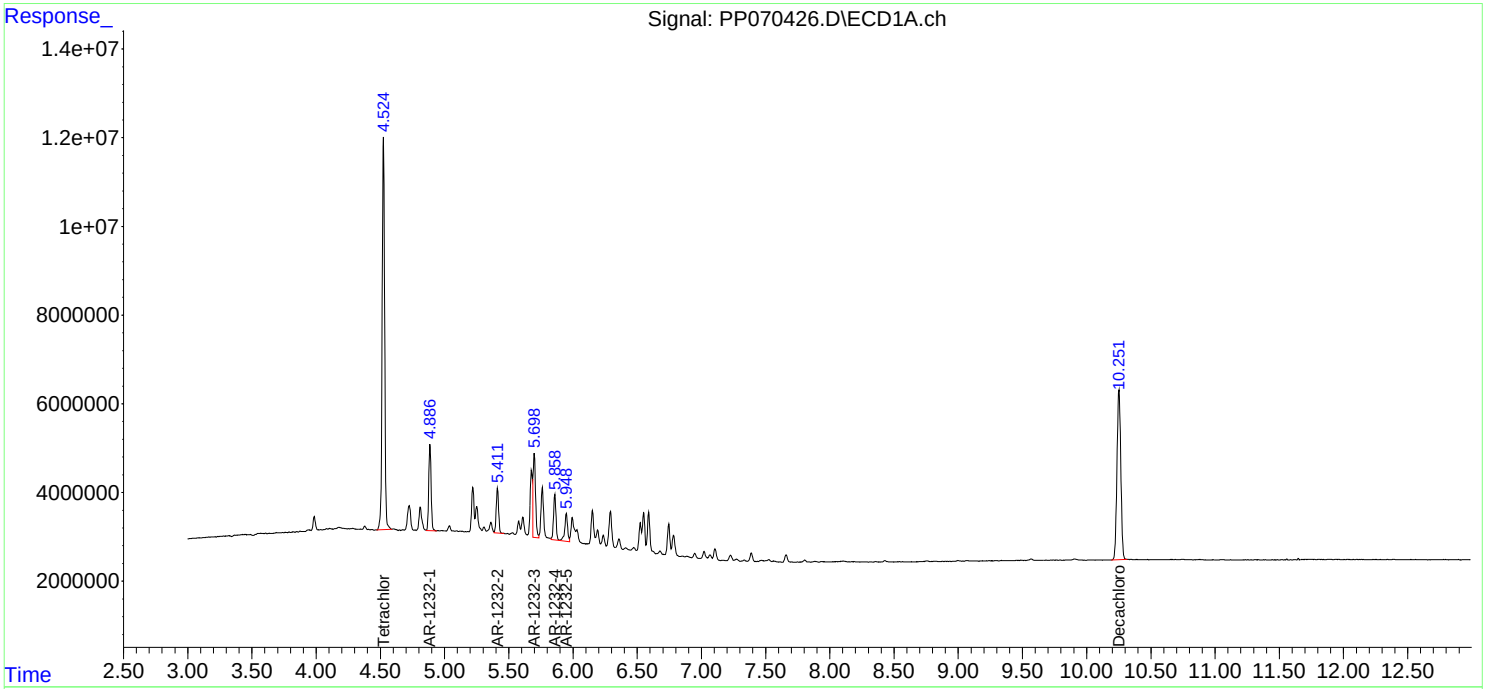
ICAL Form

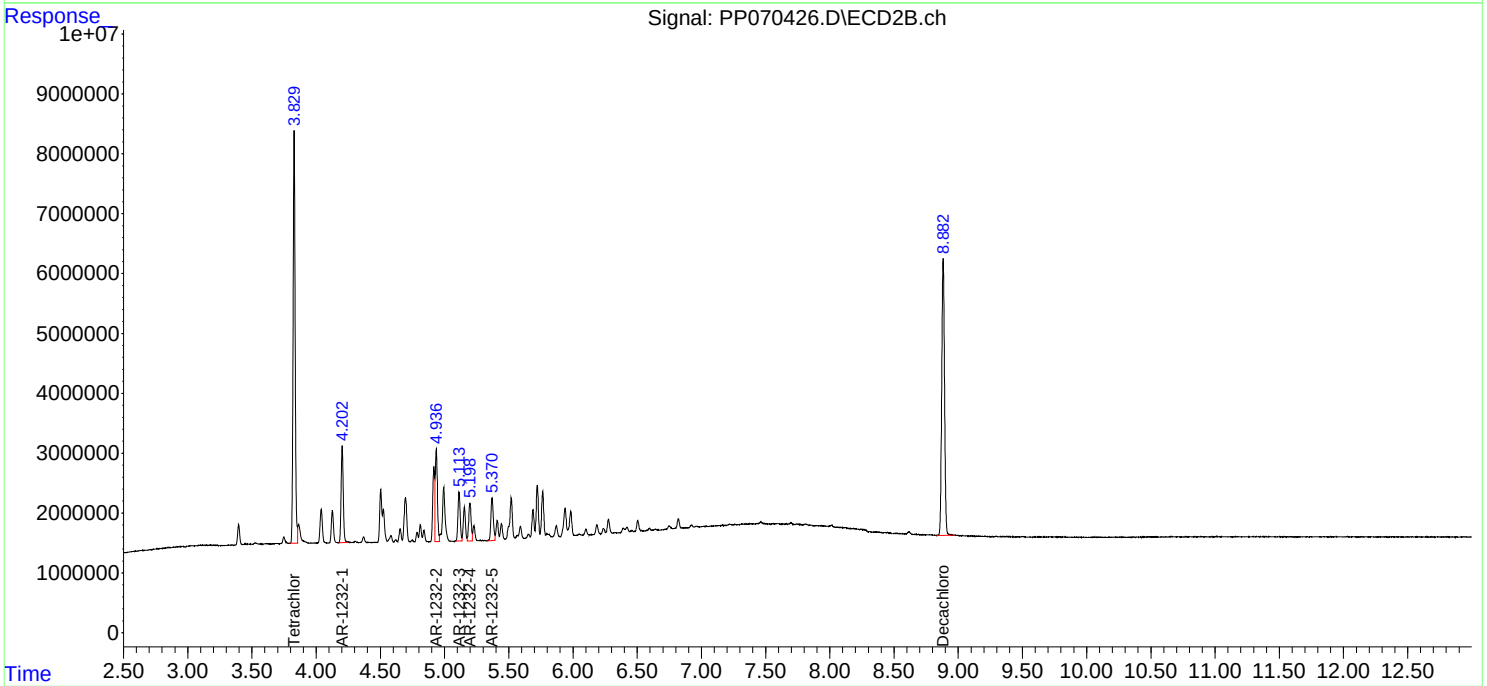
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070426.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 17:07
Operator : YP\AJ
Sample : AR1232ICC750
Misc :
ALS Vial : 10 Sample Multiplier: 1

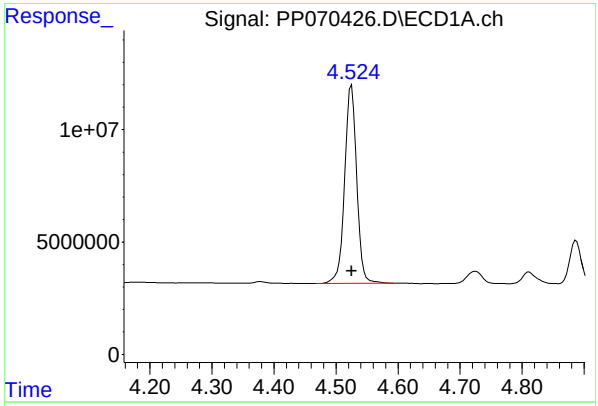
Instrument :
ECD_P
ClientSampleId :
AR1232ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 21:59:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 21:58:44 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



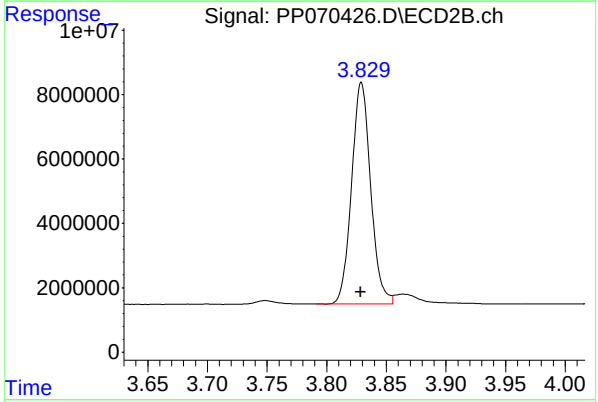




#1 Tetrachloro-m-xylene

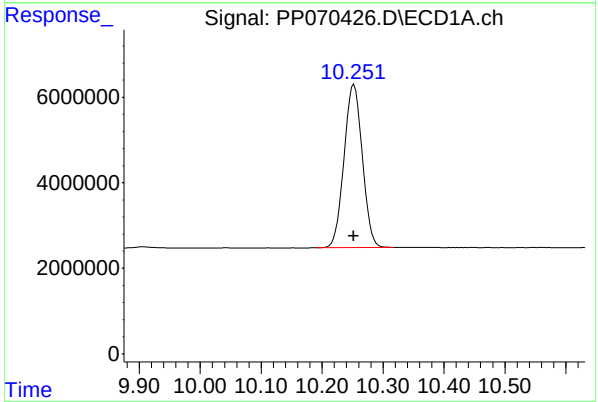
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 119075512
Conc: 73.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC750



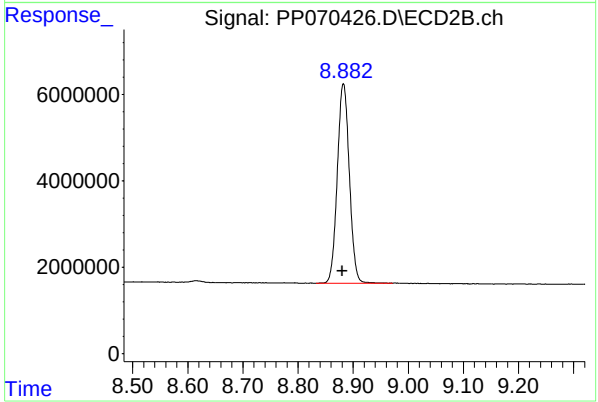
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: 0.000 min
Response: 76777406
Conc: 74.76 ng/ml



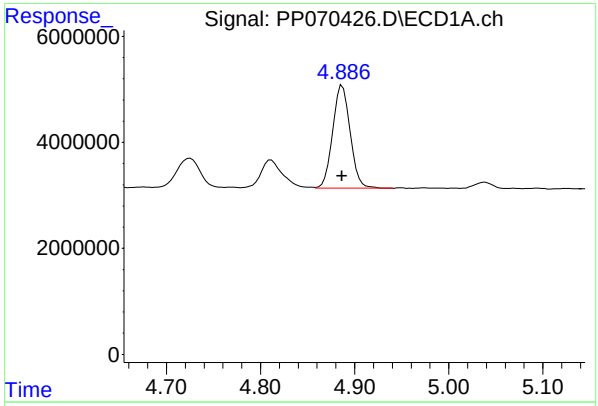
#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: 0.000 min
Response: 79622540
Conc: 71.72 ng/ml



#2 Decachlorobiphenyl

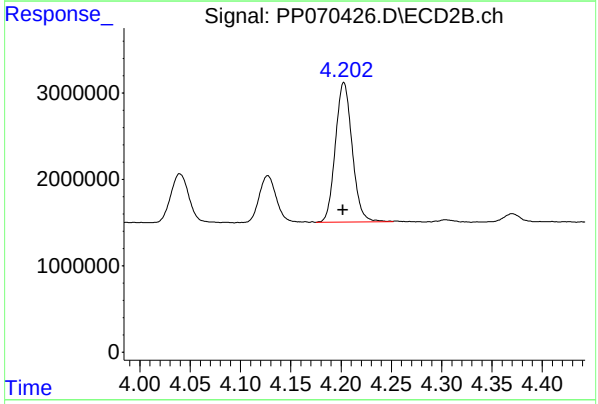
R.T.: 8.882 min
Delta R.T.: 0.002 min
Response: 70086455
Conc: 72.62 ng/ml



#11 AR-1232-1

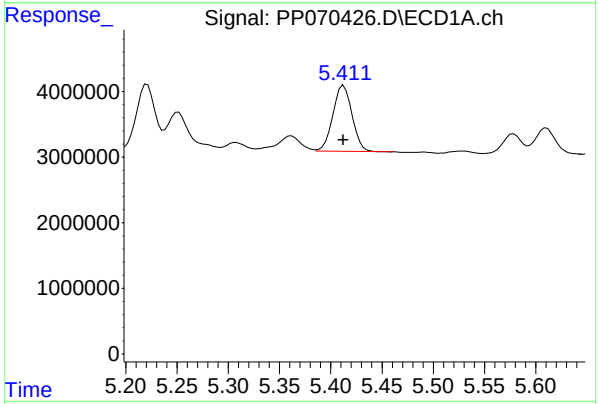
R.T.: 4.887 min
Delta R.T.: 0.000 min
Response: 25057001
Conc: 719.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC750



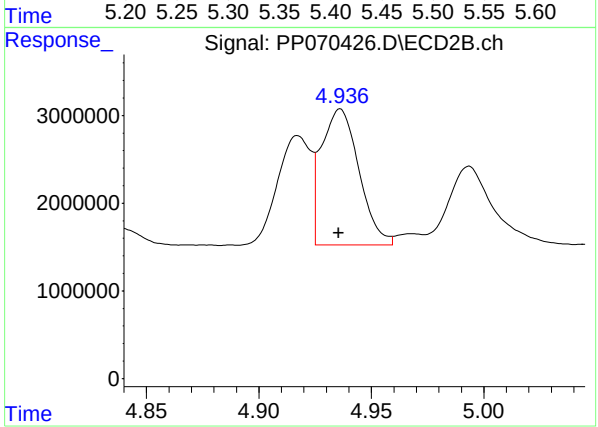
#11 AR-1232-1

R.T.: 4.203 min
Delta R.T.: 0.000 min
Response: 18782891
Conc: 725.87 ng/ml



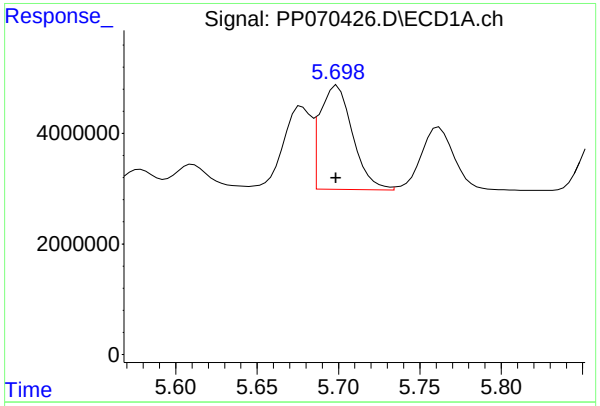
#12 AR-1232-2

R.T.: 5.413 min
Delta R.T.: 0.000 min
Response: 13025946
Conc: 735.53 ng/ml



#12 AR-1232-2

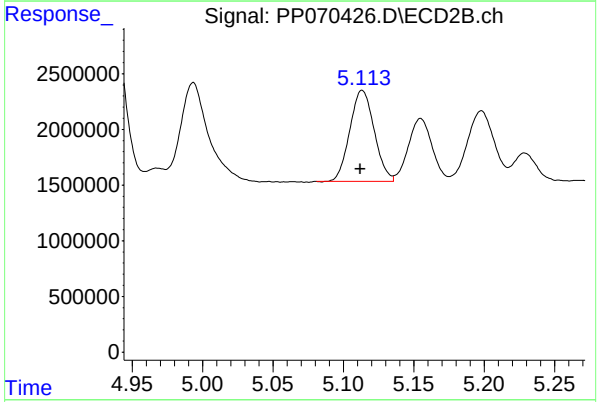
R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 18111440
Conc: 719.32 ng/ml



#13 AR-1232-3

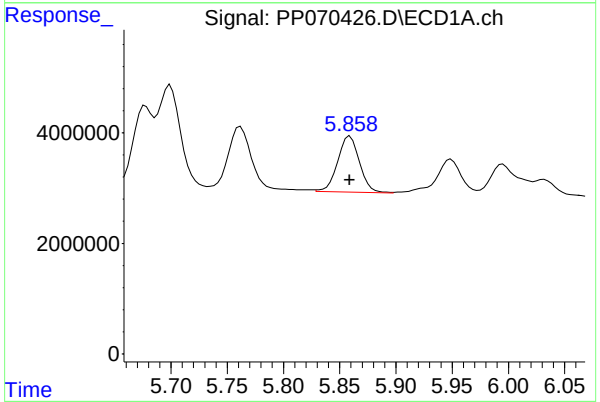
R.T.: 5.699 min
Delta R.T.: 0.000 min
Response: 26404840
Conc: 701.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC750



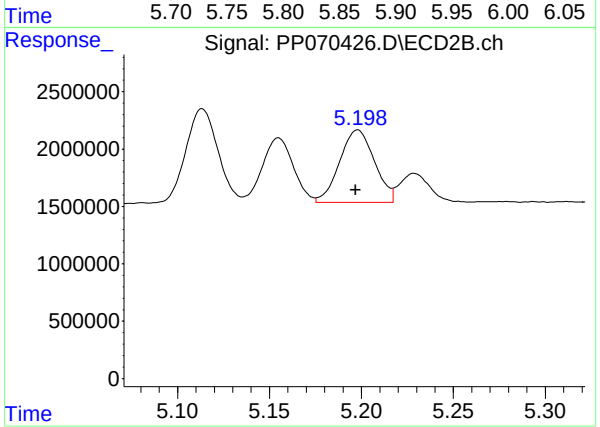
#13 AR-1232-3

R.T.: 5.113 min
Delta R.T.: 0.001 min
Response: 9838434
Conc: 715.36 ng/ml



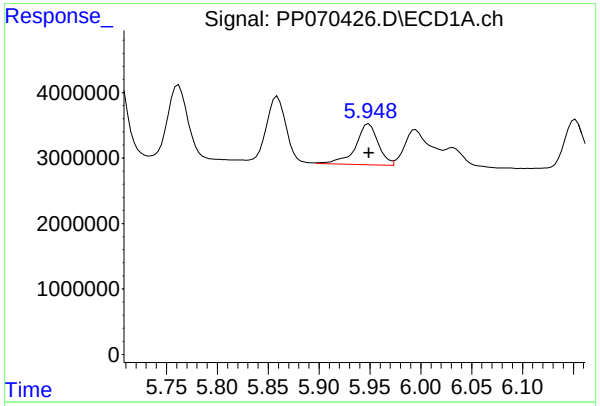
#14 AR-1232-4

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 13655959
Conc: 723.25 ng/ml



#14 AR-1232-4

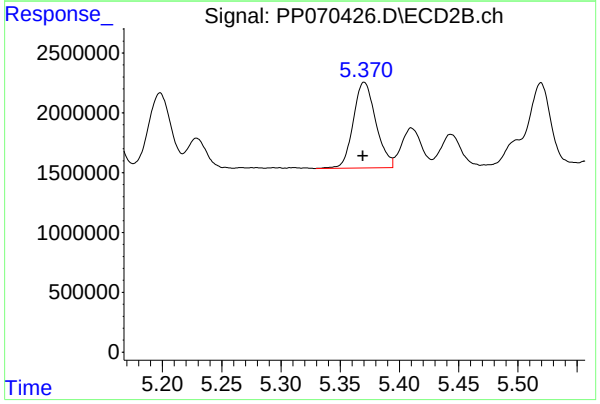
R.T.: 5.198 min
Delta R.T.: 0.001 min
Response: 8320666
Conc: 712.54 ng/ml



#15 AR-1232-5

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 9764505
Conc: 718.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC750



#15 AR-1232-5

R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 9497409
Conc: 727.67 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070427.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 17:23
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:00:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 21:58:44 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...	4.525	3.828	81421627	51350702	50.000	50.000
2)	SA Decachlor...	10.252	8.880	55505634	48253472	50.000	50.000
	Target Compounds						
11)	L3 AR-1232-1	4.887	4.202	17407935	12938181	500.000	500.000
12)	L3 AR-1232-2	5.412	4.935	8854766	12589270	500.000	500.000
13)	L3 AR-1232-3	5.698	5.112	18825530	6876575	500.000	500.000
14)	L3 AR-1232-4	5.859	5.197	9440644	5838717	500.000	500.000
15)	L3 AR-1232-5	5.949	5.369	6798499	6525873	500.000	500.000

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

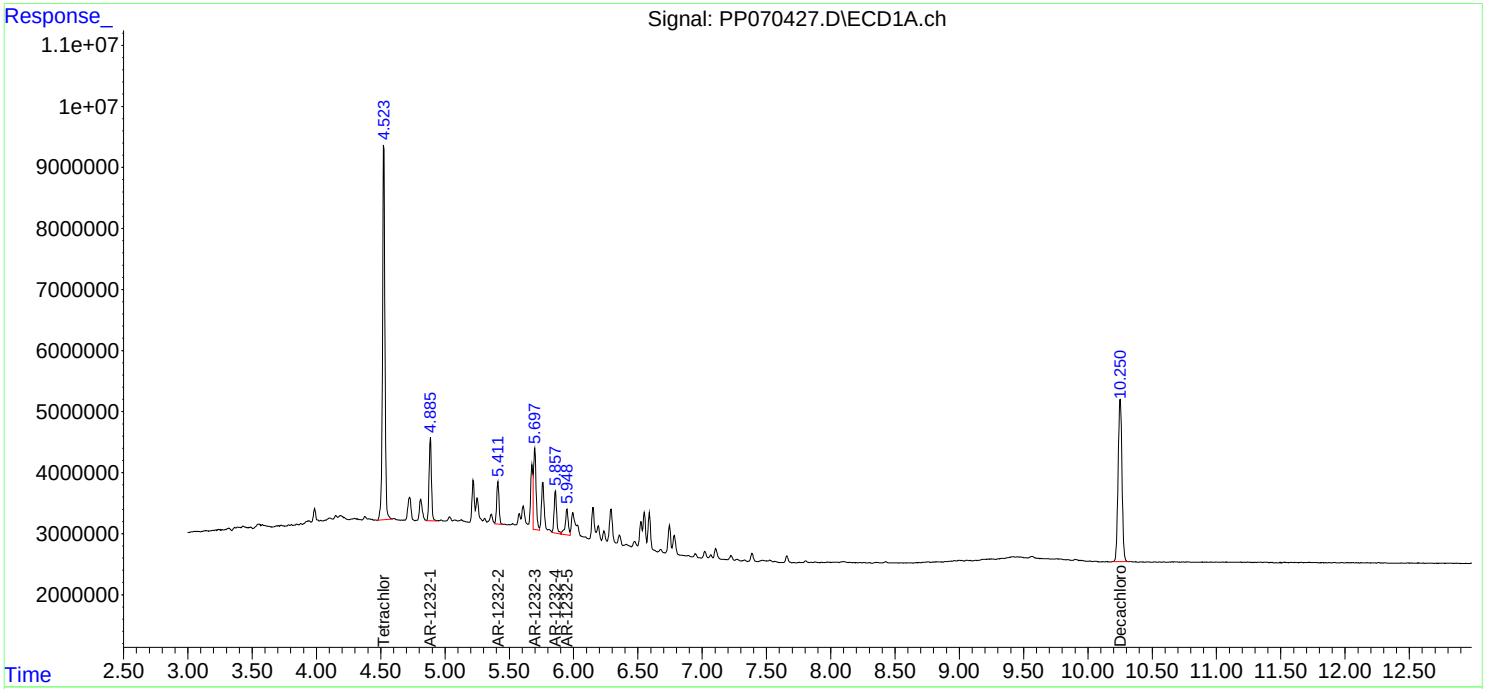
ICAL Form

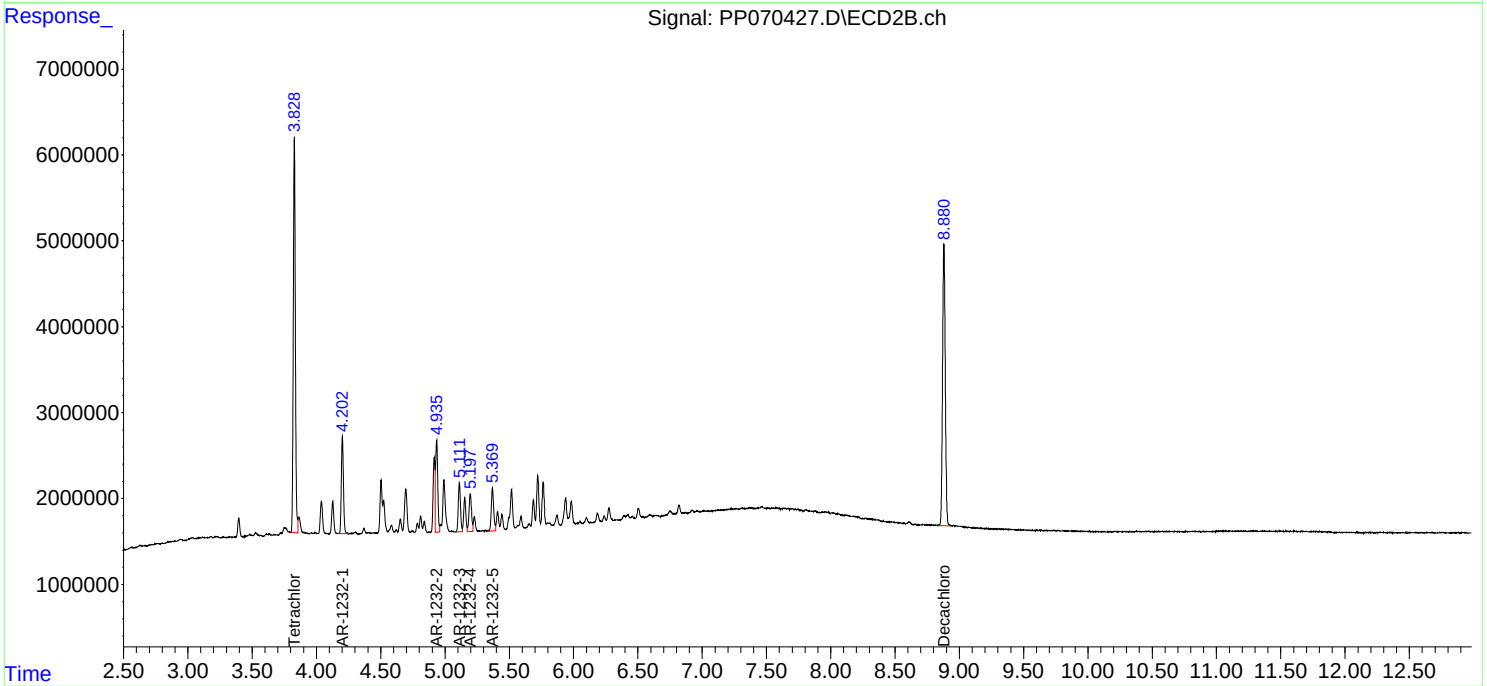
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070427.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 17:23
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 11 Sample Multiplier: 1

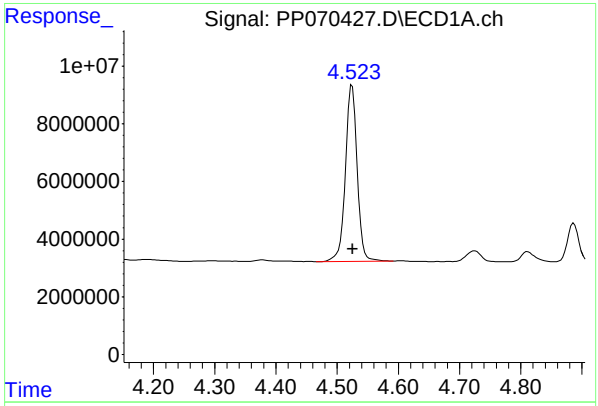
Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:00:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 21:58:44 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



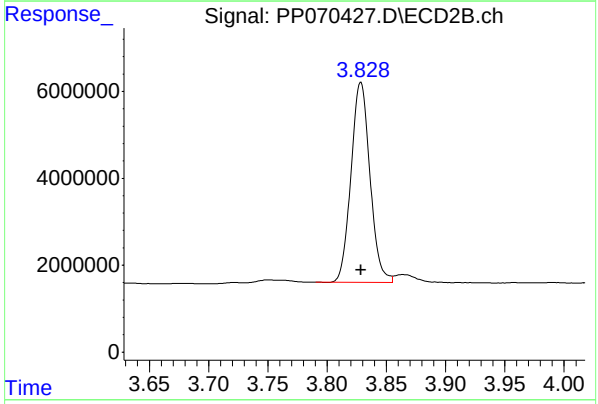




#1 Tetrachloro-m-xylene

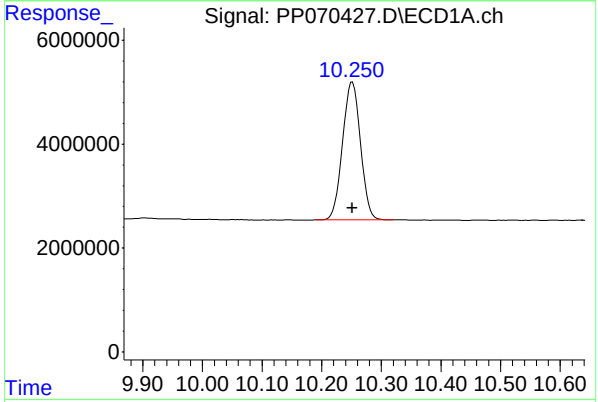
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 81421627
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



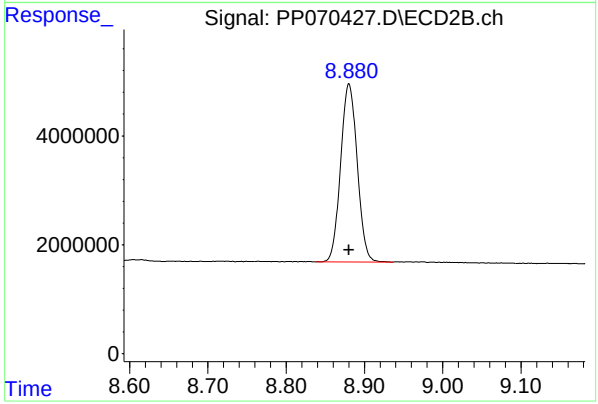
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 51350702
Conc: 50.00 ng/ml



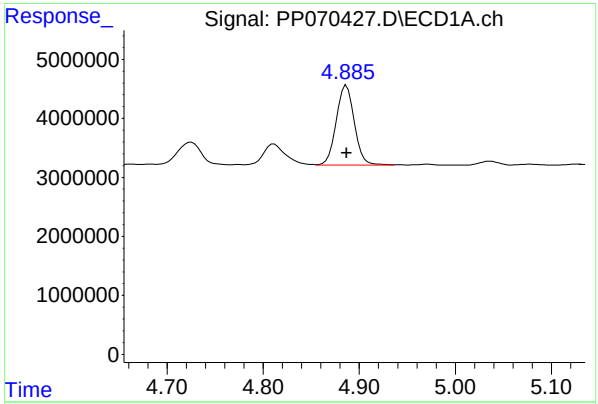
#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: 0.000 min
Response: 55505634
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

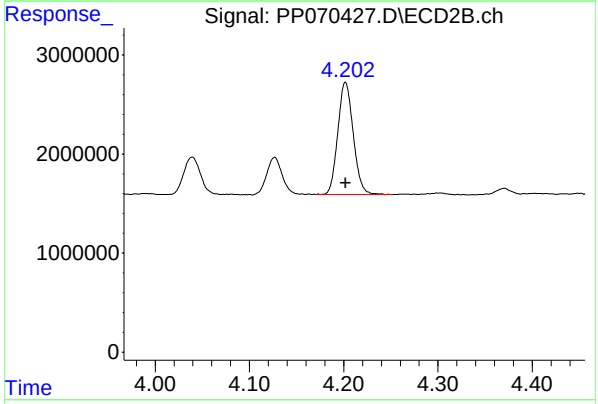
R.T.: 8.880 min
Delta R.T.: 0.000 min
Response: 48253472
Conc: 50.00 ng/ml



#11 AR-1232-1

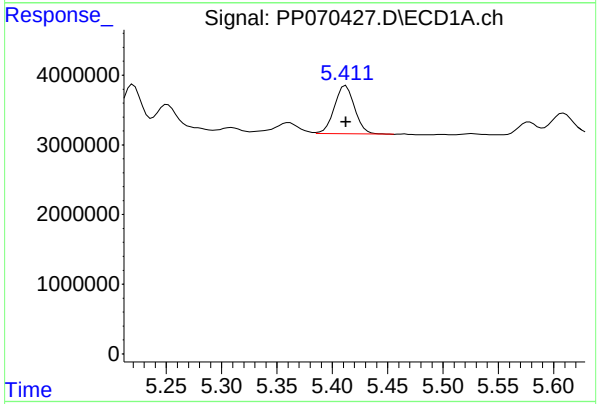
R.T.: 4.887 min
Delta R.T.: 0.000 min
Response: 17407935
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



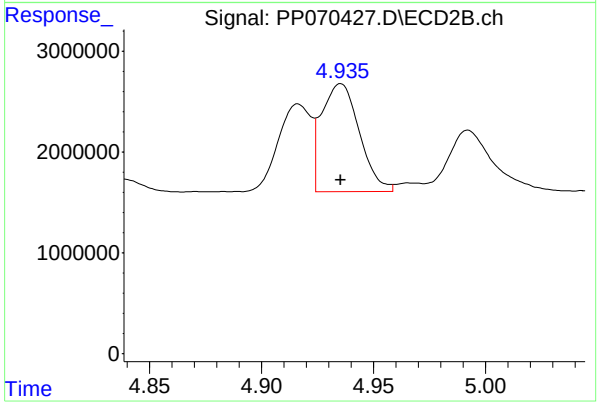
#11 AR-1232-1

R.T.: 4.202 min
Delta R.T.: 0.000 min
Response: 12938181
Conc: 500.00 ng/ml



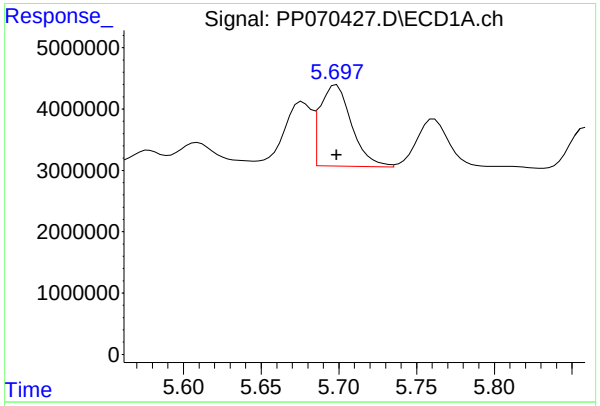
#12 AR-1232-2

R.T.: 5.412 min
Delta R.T.: 0.000 min
Response: 8854766
Conc: 500.00 ng/ml



#12 AR-1232-2

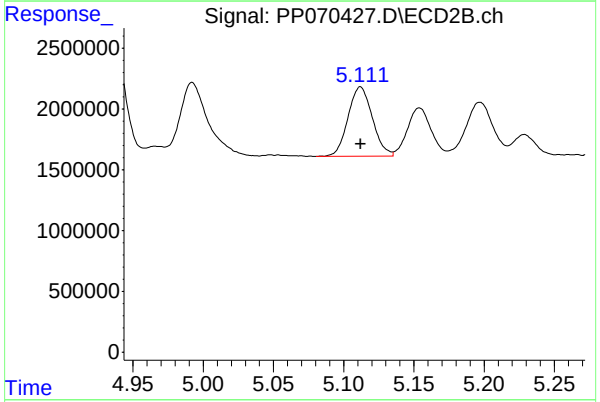
R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 12589270
Conc: 500.00 ng/ml



#13 AR-1232-3

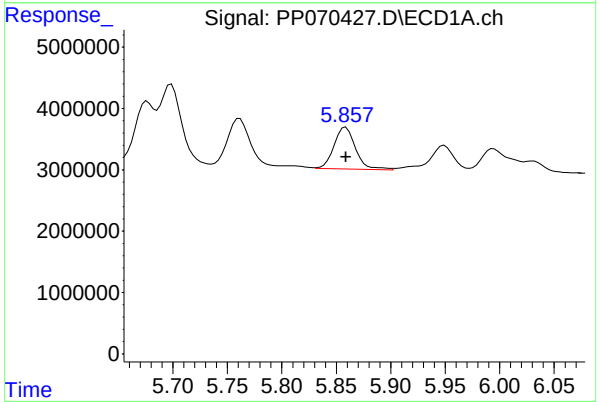
R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 18825530
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



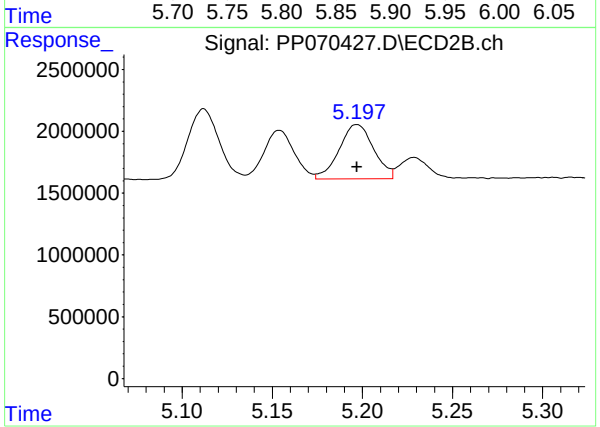
#13 AR-1232-3

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 6876575
Conc: 500.00 ng/ml



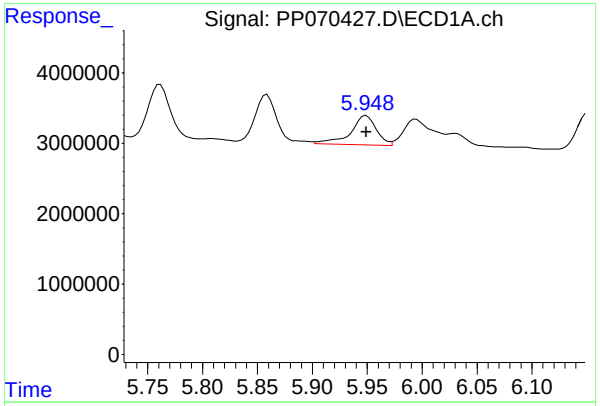
#14 AR-1232-4

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 9440644
Conc: 500.00 ng/ml



#14 AR-1232-4

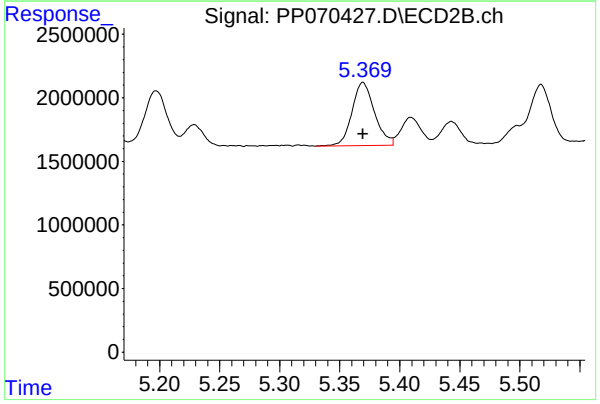
R.T.: 5.197 min
Delta R.T.: 0.000 min
Response: 5838717
Conc: 500.00 ng/ml



#15 AR-1232-5

R.T.: 5.949 min
Delta R.T.: 0.000 mi
Response: 6798499
Conc: 500.00 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



#15 AR-1232-5

R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 6525873
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070428.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 17:40
Operator : YP\AJ
Sample : AR1232ICC250
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1232ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:00:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 21:58:44 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...	4.526	3.829	42110947	27566531	25.860	26.841
2)	SA Decachlor...	10.254	8.881	28765211	28286345	25.912	29.310
	Target Compounds						
11)	L3 AR-1232-1	4.888	4.202	9518147	7054654	273.385	272.629
12)	L3 AR-1232-2	5.414	4.935	4323493	6922424	244.134	274.933
13)	L3 AR-1232-3	5.700	5.112	9794735	3580147	260.145	260.315
14)	L3 AR-1232-4	5.861	5.196	5144985	3082888	272.491	264.004
15)	L3 AR-1232-5	5.949	5.369	2924140	3384658	215.058m	259.326

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070428.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 17:40
Operator : YP\AJ
Sample : AR1232ICC250
Misc :
ALS Vial : 12 Sample Multiplier: 1

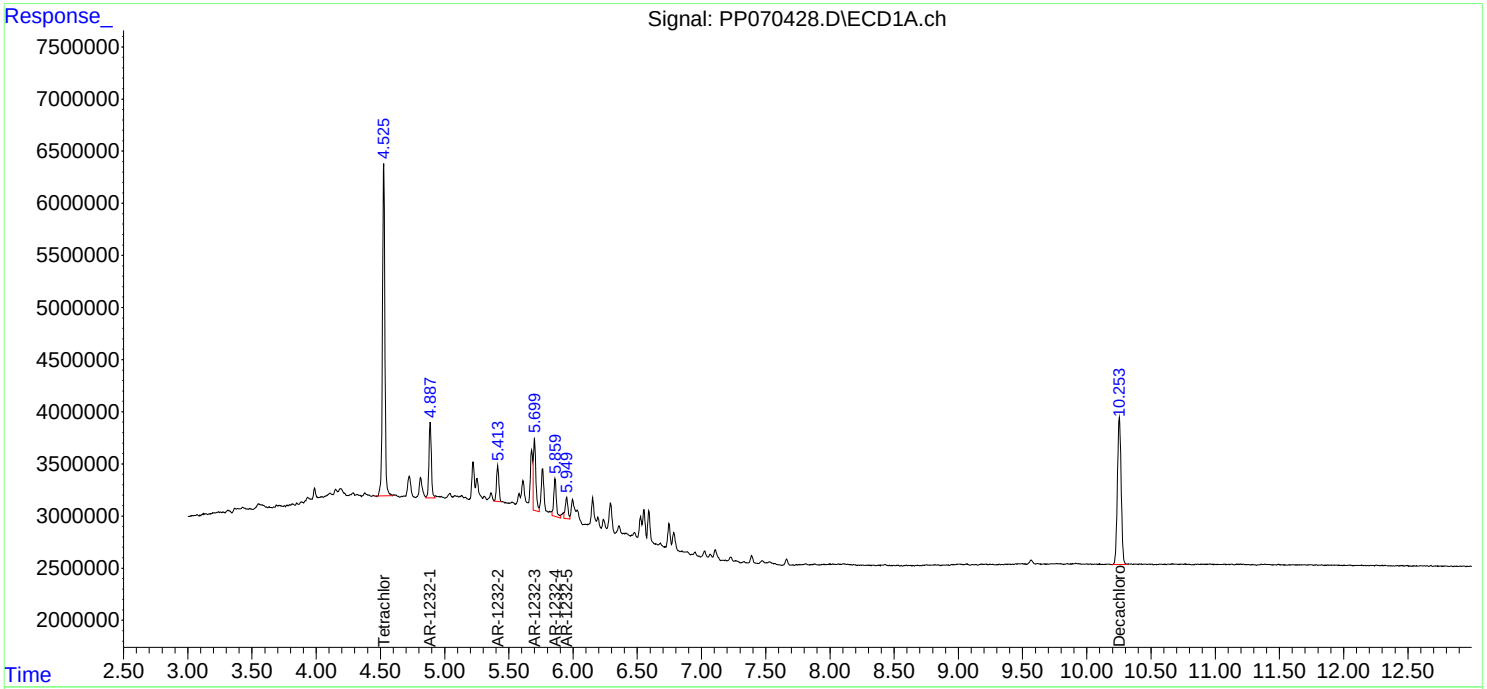
Instrument :
ECD_P
ClientSampleId :
AR1232ICC250

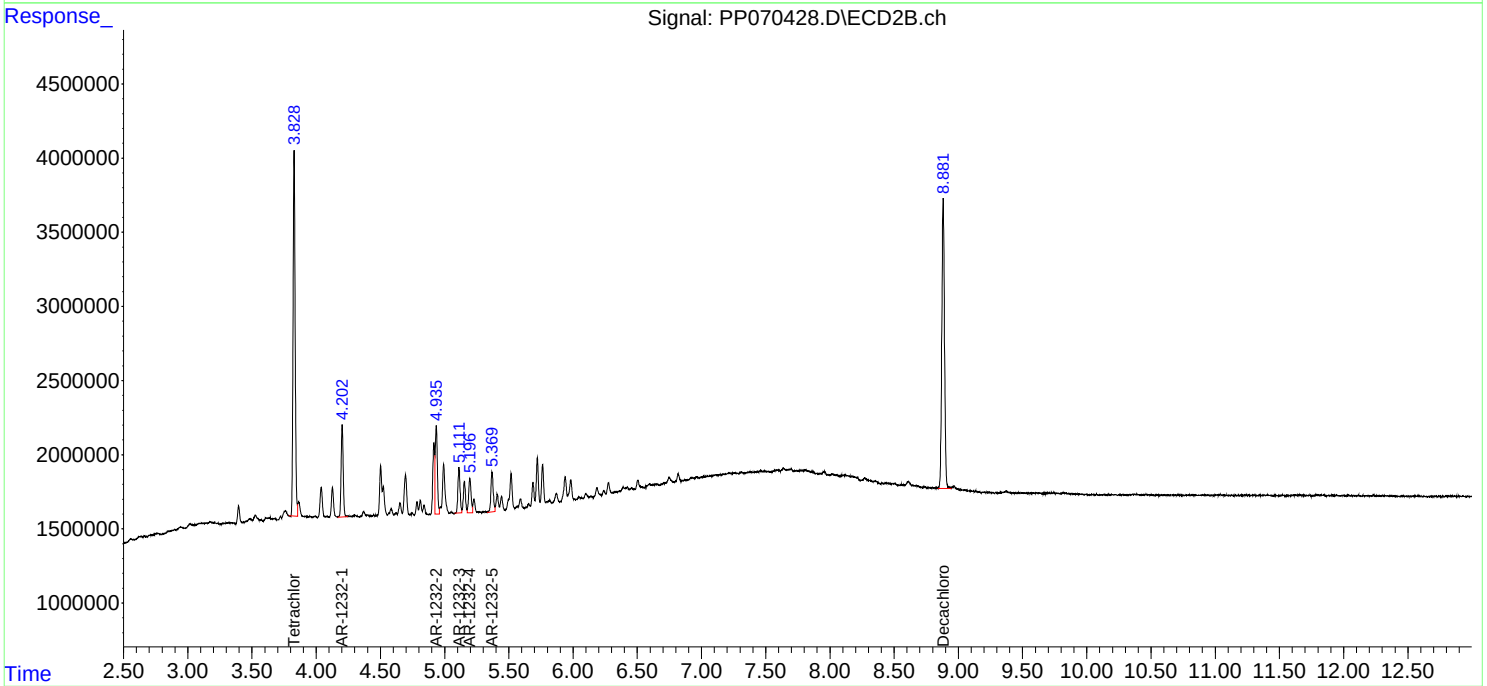
Manual Integrations APPROVED

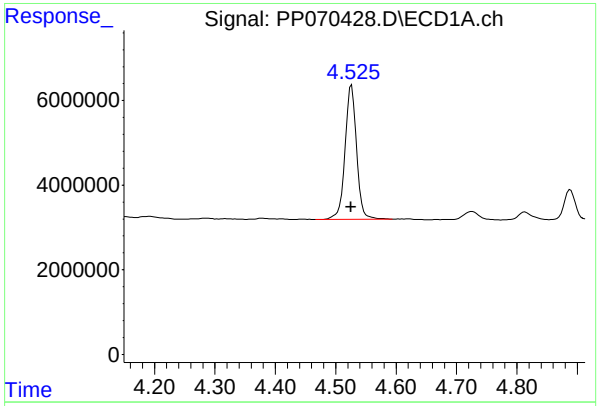
Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:00:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 21:58:44 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







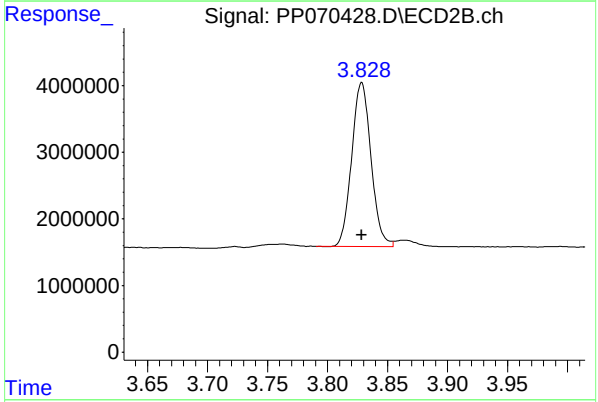
#1 Tetrachloro-m-xylene

R.T.: 4.526 min
Delta R.T.: 0.001 min
Response: 42110947
Conc: 25.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC250

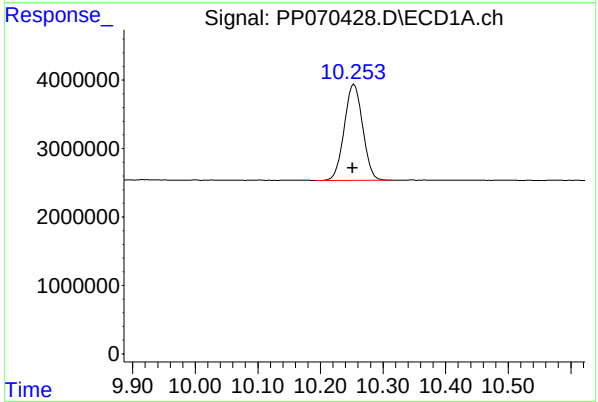
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



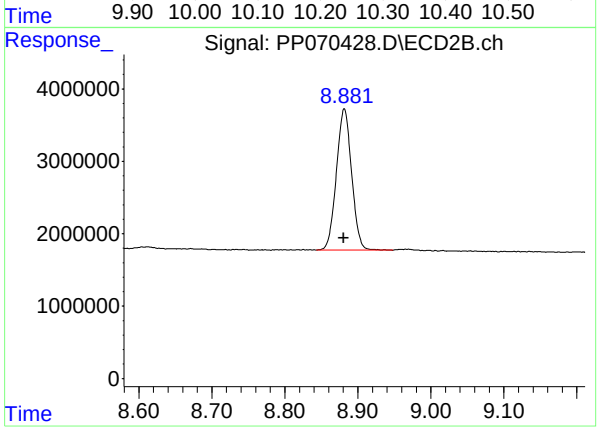
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: 0.000 min
Response: 27566531
Conc: 26.84 ng/ml



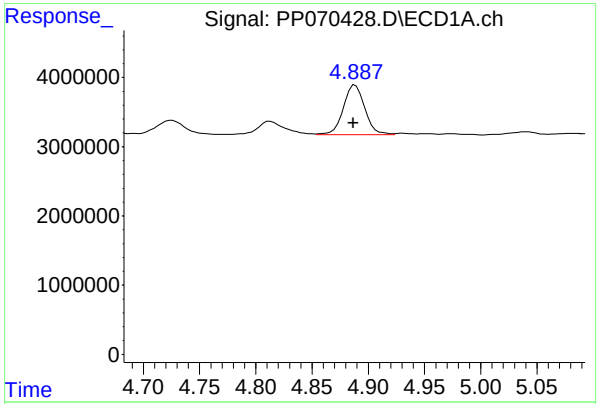
#2 Decachlorobiphenyl

R.T.: 10.254 min
Delta R.T.: 0.002 min
Response: 28765211
Conc: 25.91 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.881 min
Delta R.T.: 0.001 min
Response: 28286345
Conc: 29.31 ng/ml



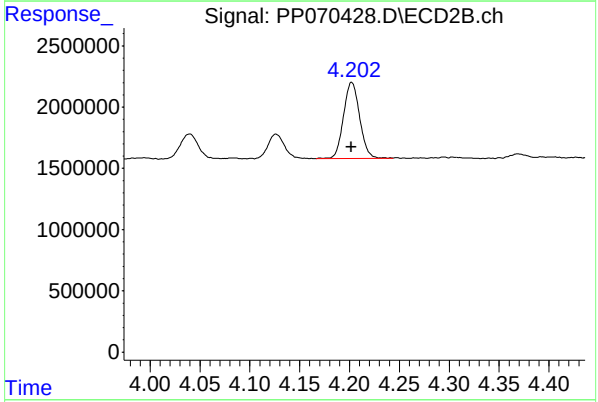
#11 AR-1232-1

R.T.: 4.888 min
Delta R.T.: 0.002 min
Response: 9518147
Conc: 273.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC250

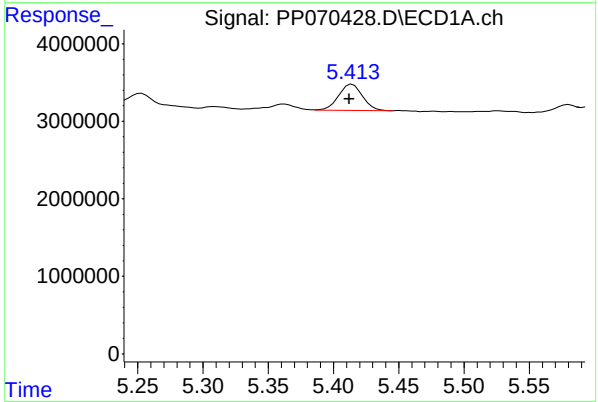
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



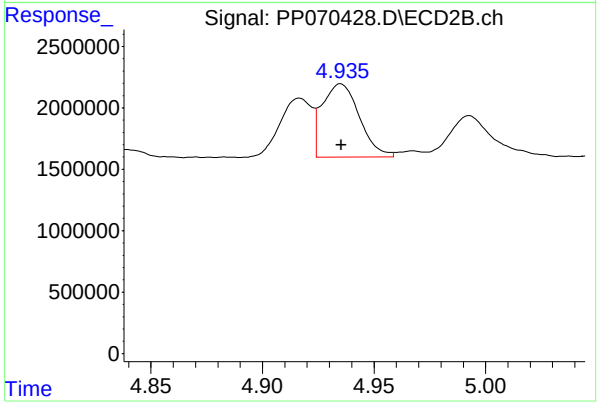
#11 AR-1232-1

R.T.: 4.202 min
Delta R.T.: 0.000 min
Response: 7054654
Conc: 272.63 ng/ml



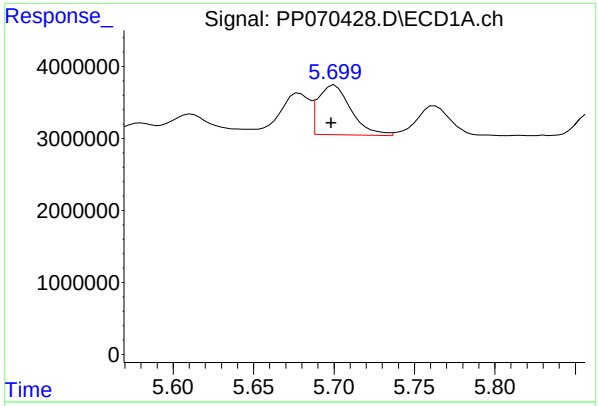
#12 AR-1232-2

R.T.: 5.414 min
Delta R.T.: 0.002 min
Response: 4323493
Conc: 244.13 ng/ml



#12 AR-1232-2

R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 6922424
Conc: 274.93 ng/ml



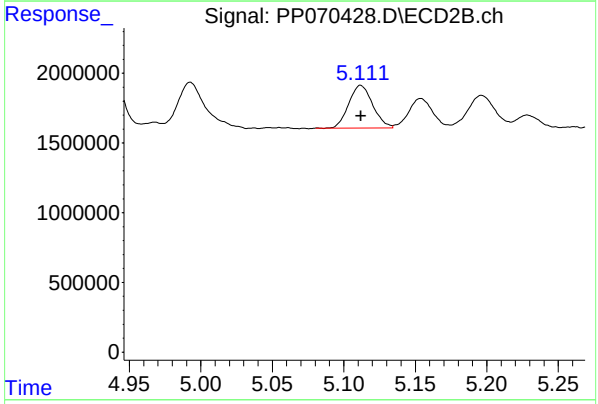
#13 AR-1232-3

R.T.: 5.700 min
Delta R.T.: 0.002 min
Response: 9794735
Conc: 260.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC250

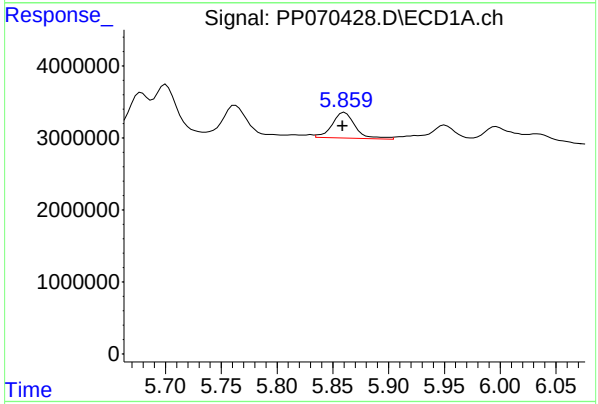
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



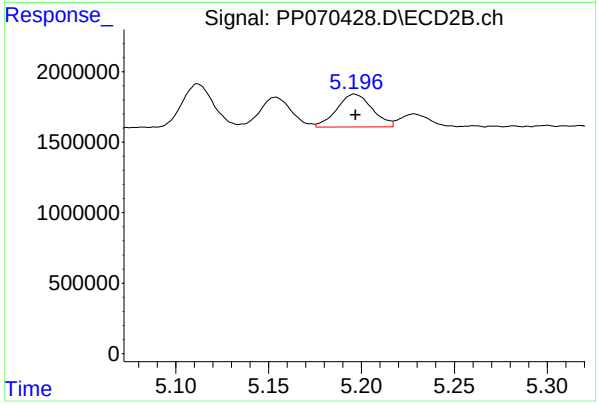
#13 AR-1232-3

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 3580147
Conc: 260.31 ng/ml



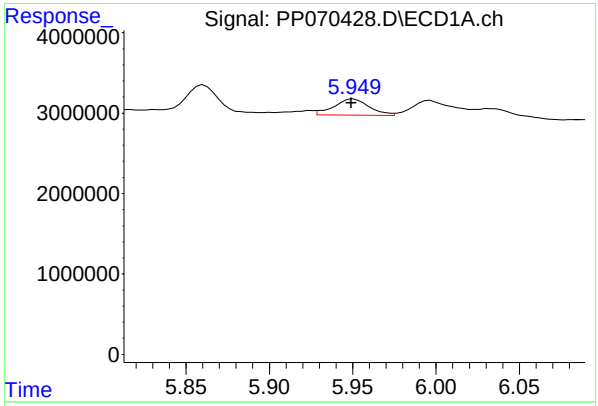
#14 AR-1232-4

R.T.: 5.861 min
Delta R.T.: 0.002 min
Response: 5144985
Conc: 272.49 ng/ml



#14 AR-1232-4

R.T.: 5.196 min
Delta R.T.: 0.000 min
Response: 3082888
Conc: 264.00 ng/ml



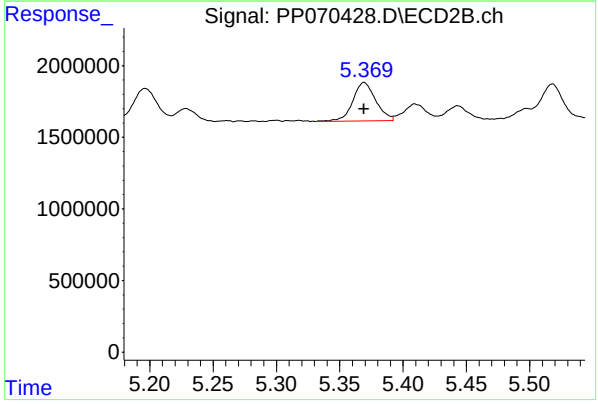
#15 AR-1232-5

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 2924140
Conc: 215.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



#15 AR-1232-5

R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 3384658
Conc: 259.33 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070429.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 17:56
Operator : YP\AJ
Sample : AR1232ICC050
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1232ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/19/2025
Supervised By :mohammad ahmed 03/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:00:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 21:58:44 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...	4.526	3.828	7821901	5940731	4.803	5.784
2)	SA Decachlor...	10.255	8.881	5277277	5419163	4.754	5.615
	Target Compounds						
11)	L3 AR-1232-1	4.889	4.201	1983848	1421614	56.981	54.939m
12)	L3 AR-1232-2	5.414	4.934	781907	1431721	44.152m	56.863m#
13)	L3 AR-1232-3	5.701	5.112	1856332	799405	49.304m	58.125
14)	L3 AR-1232-4	5.859	5.196	1009484	627440	53.465m	53.731
15)	L3 AR-1232-5	5.943	5.367	707014	698174	51.998m	53.493m

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070429.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 17:56
Operator : YP\AJ
Sample : AR1232ICC050
Misc :
ALS Vial : 13 Sample Multiplier: 1

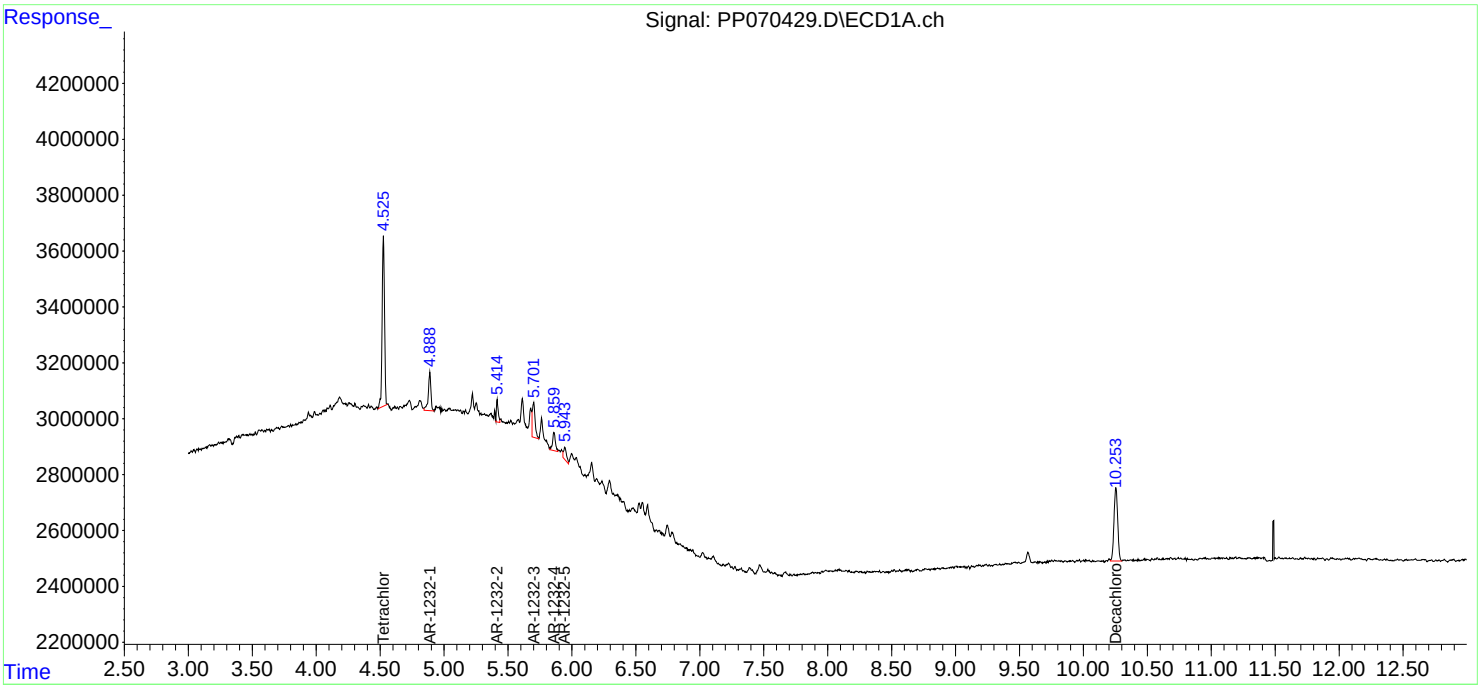
Instrument :
ECD_P
ClientSampleId :
AR1232ICC050

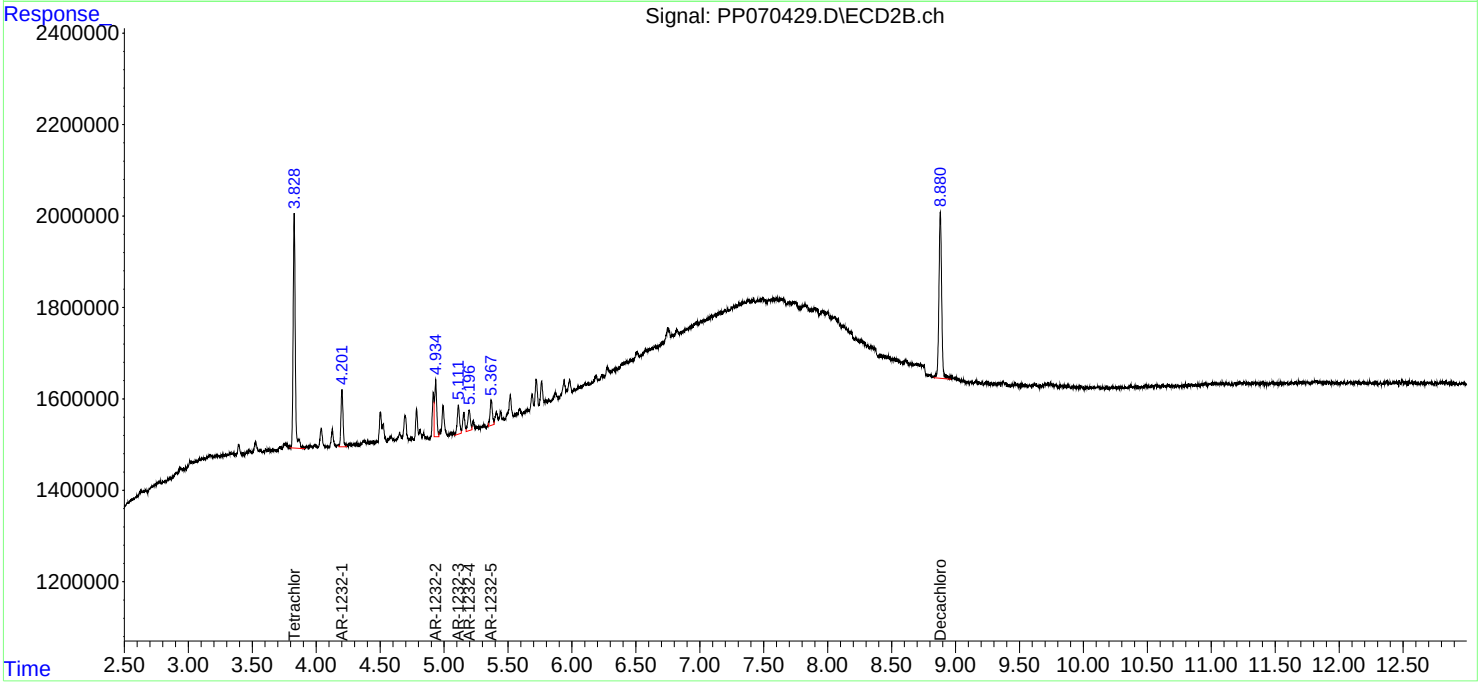
Manual Integrations APPROVED

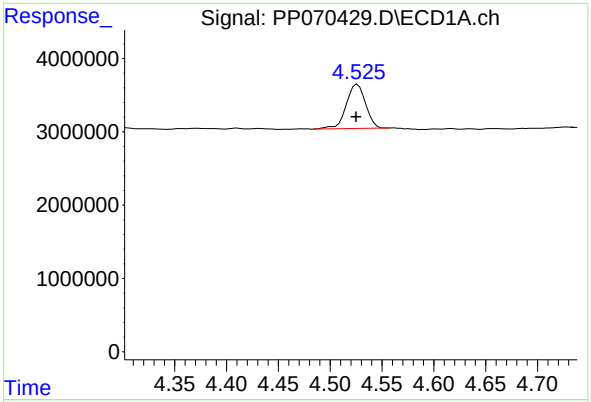
Reviewed By :Yogesh Patel 03/19/2025
Supervised By :mohammad ahmed 03/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:00:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 21:58:44 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







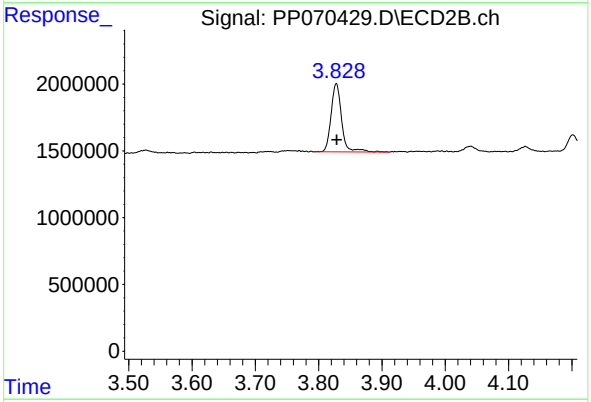
#1 Tetrachloro-m-xylene

R.T.: 4.526 min
Delta R.T.: 0.001 min
Response: 7821901
Conc: 4.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC050

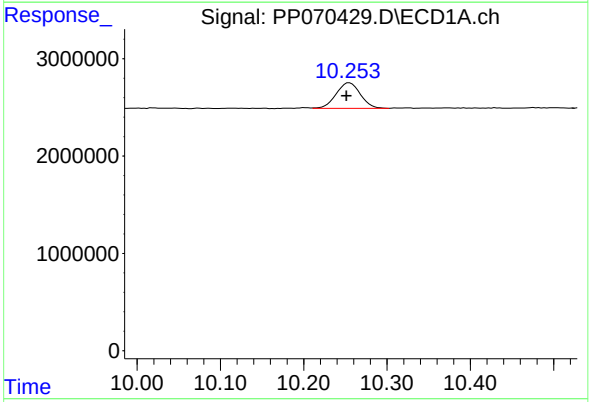
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/19/2025
Supervised By :mohammad ahmed 03/19/2025



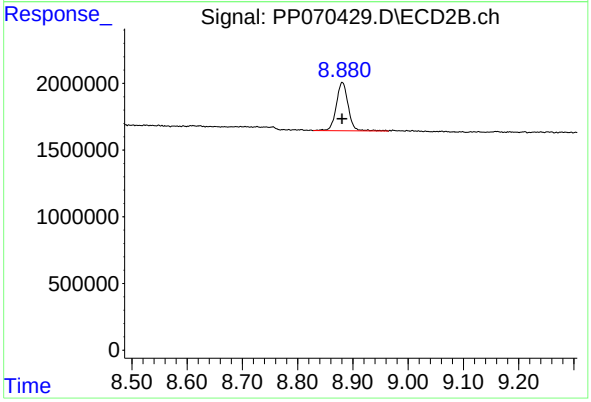
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 5940731
Conc: 5.78 ng/ml



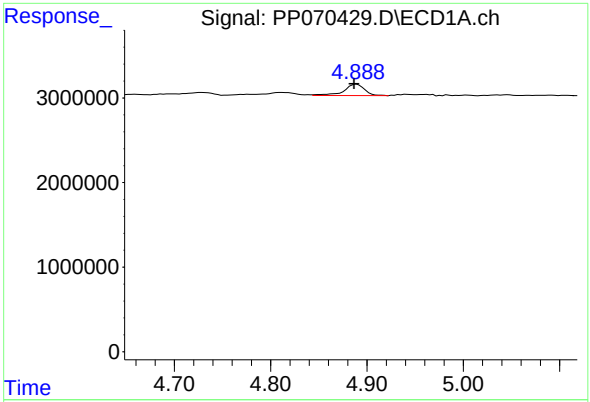
#2 Decachlorobiphenyl

R.T.: 10.255 min
Delta R.T.: 0.003 min
Response: 5277277
Conc: 4.75 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.881 min
Delta R.T.: 0.000 min
Response: 5419163
Conc: 5.62 ng/ml



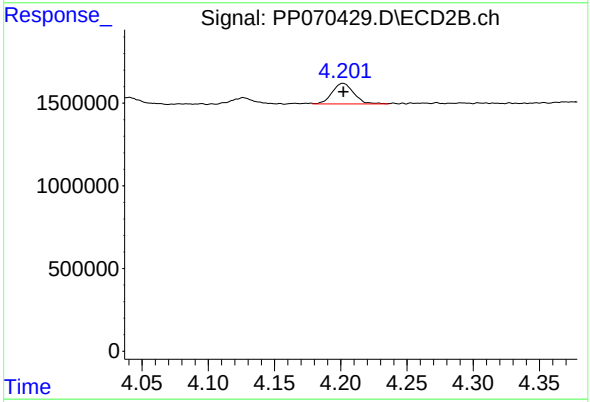
#11 AR-1232-1

R.T.: 4.889 min
Delta R.T.: 0.003 min
Response: 1983848
Conc: 56.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC050

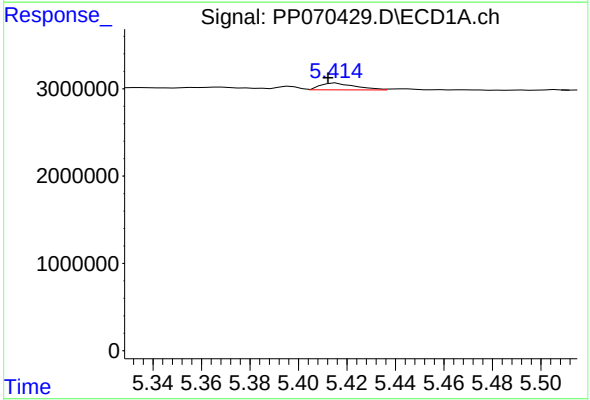
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/19/2025
Supervised By :mohammad ahmed 03/19/2025



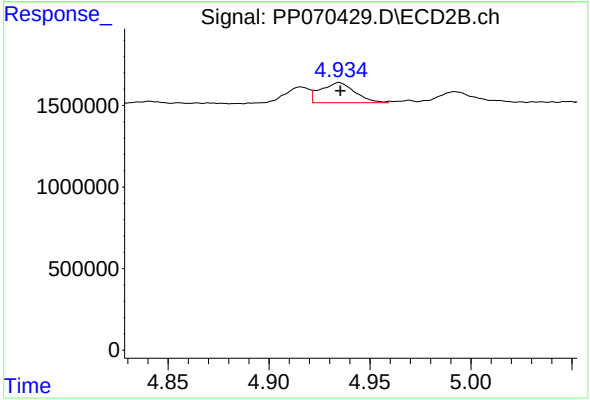
#11 AR-1232-1

R.T.: 4.201 min
Delta R.T.: 0.000 min
Response: 1421614
Conc: 54.94 ng/ml m



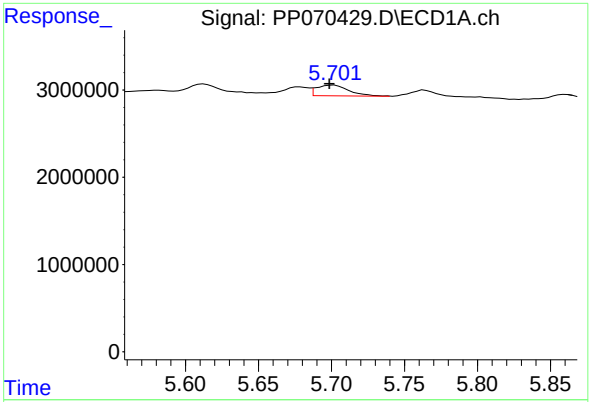
#12 AR-1232-2

R.T.: 5.414 min
Delta R.T.: 0.002 min
Response: 781907
Conc: 44.15 ng/ml m



#12 AR-1232-2

R.T.: 4.934 min
Delta R.T.: -0.001 min
Response: 1431721
Conc: 56.86 ng/ml m



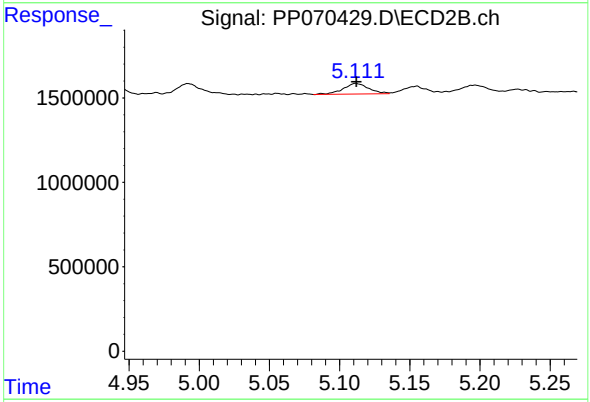
#13 AR-1232-3

R.T.: 5.701 min
Delta R.T.: 0.002 min
Response: 1856332
Conc: 49.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC050

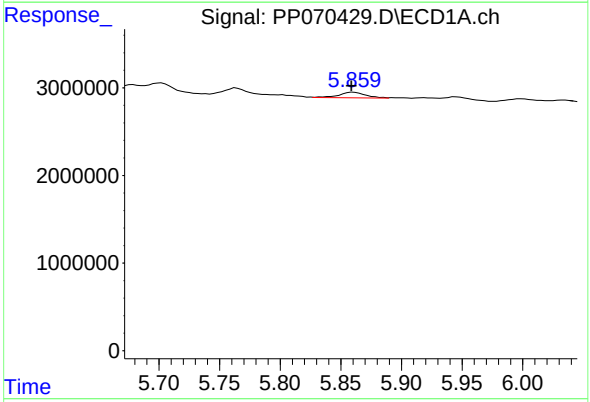
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/19/2025
Supervised By :mohammad ahmed 03/19/2025



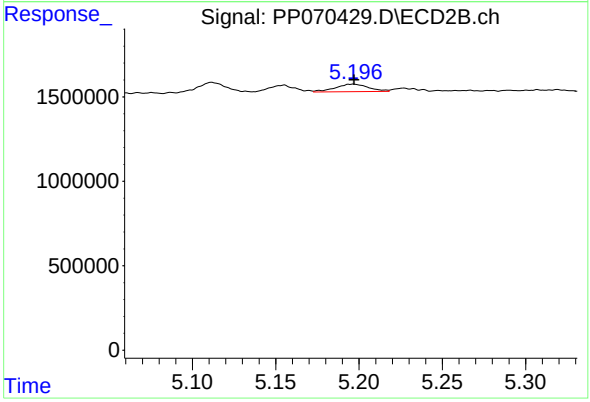
#13 AR-1232-3

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 799405
Conc: 58.13 ng/ml



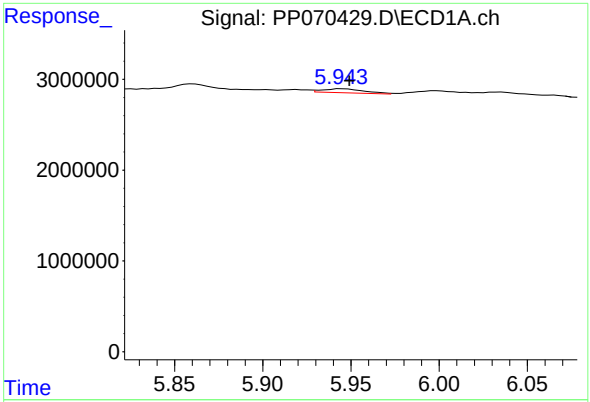
#14 AR-1232-4

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 1009484
Conc: 53.46 ng/ml m



#14 AR-1232-4

R.T.: 5.196 min
Delta R.T.: 0.000 min
Response: 627440
Conc: 53.73 ng/ml



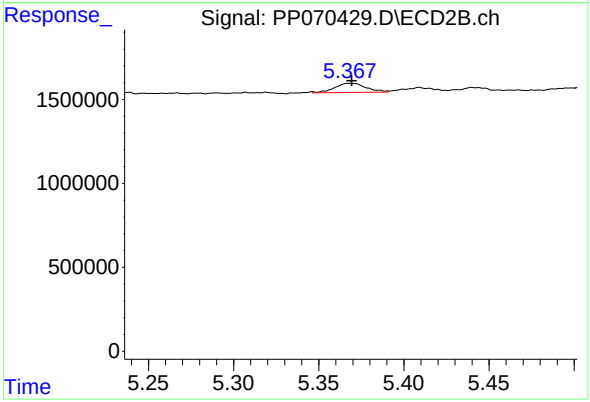
#15 AR-1232-5

R.T.: 5.943 min
Delta R.T.: -0.006 min
Response: 707014
Conc: 52.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/19/2025
Supervised By :mohammad ahmed 03/19/2025



#15 AR-1232-5

R.T.: 5.367 min
Delta R.T.: -0.003 min
Response: 698174
Conc: 53.49 ng/ml m

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070430.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 18:12
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:16:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 22:15:44 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...	4.525	3.828	148.4E6	94968124	93.437	94.952
2)	SA Decachlor...	10.252	8.881	101.7E6	89078022	92.579	87.447
	Target Compounds						
16)	L4 AR-1242-1	5.677	4.916	39253435	28374294	902.749	940.352
17)	L4 AR-1242-2	5.699	4.935	58252556	40120133	936.102	956.599
18)	L4 AR-1242-3	5.761	5.112	35362447	22172127	914.872	931.692
19)	L4 AR-1242-4	5.859	5.197	29479509	20777408	905.593	928.850
20)	L4 AR-1242-5	6.589	5.722	29991669	26011255	936.911	924.285

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

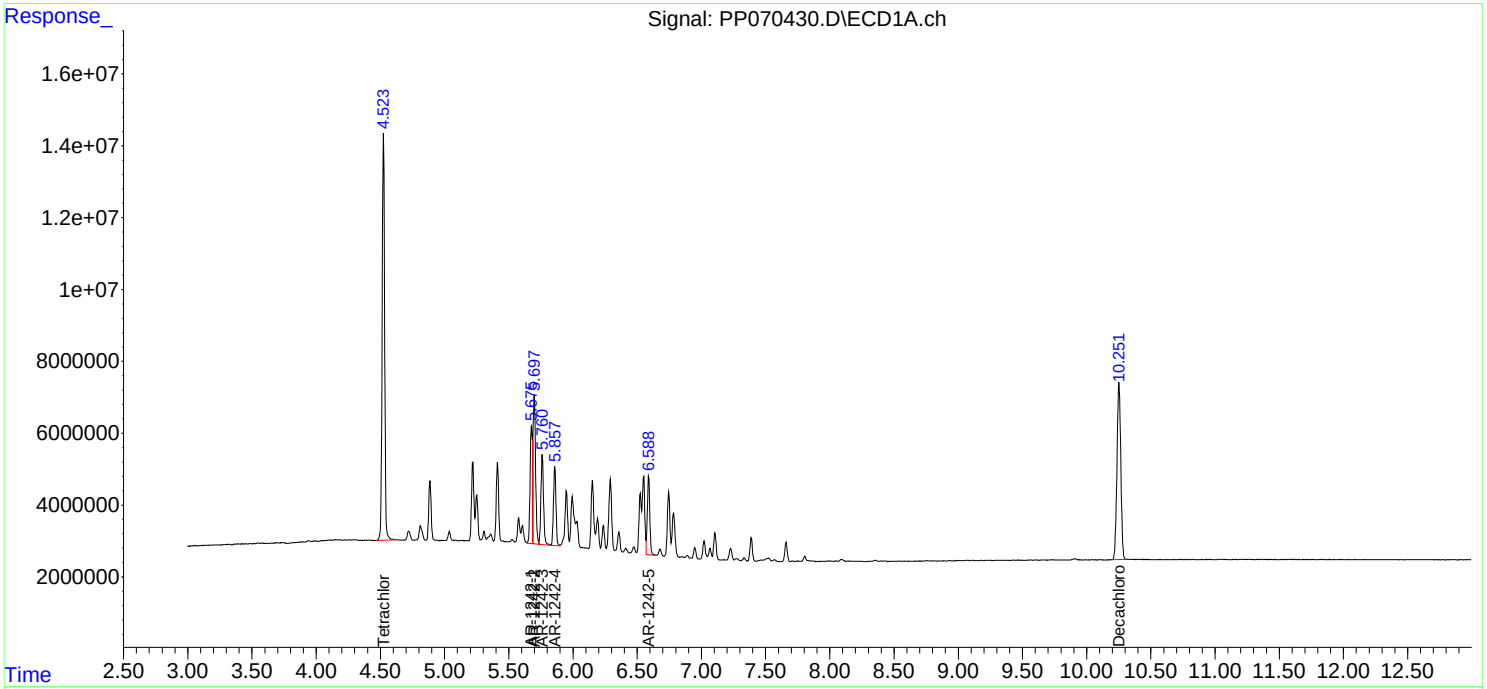
ICAL Form

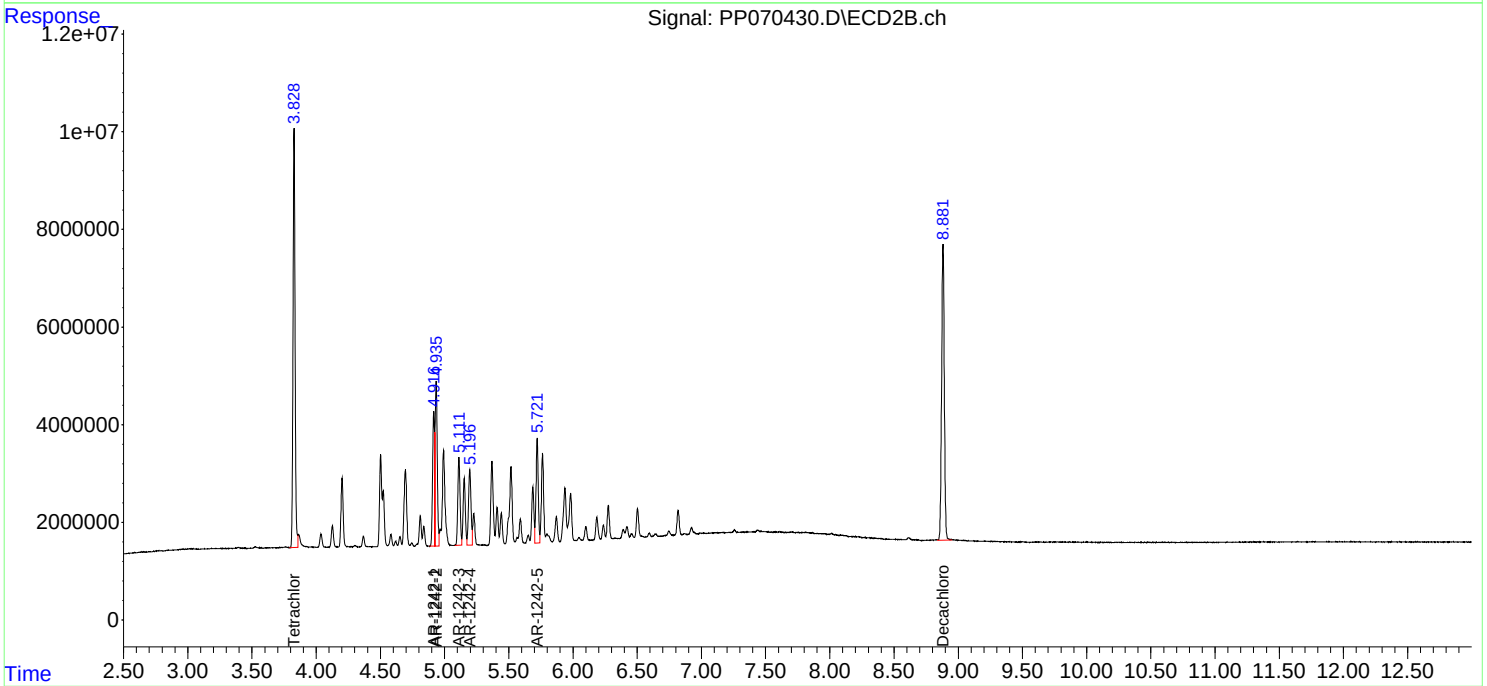
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070430.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 18:12
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 14 Sample Multiplier: 1

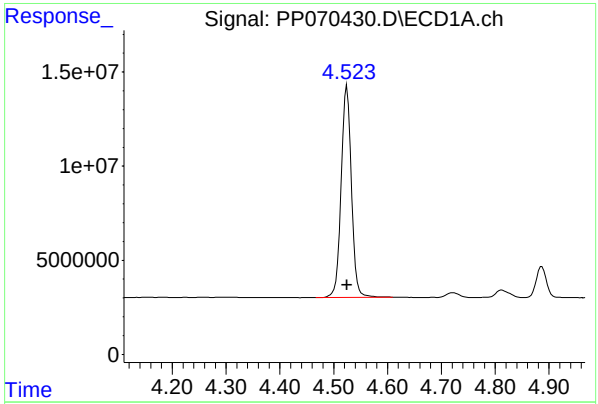
Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:16:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 22:15:44 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



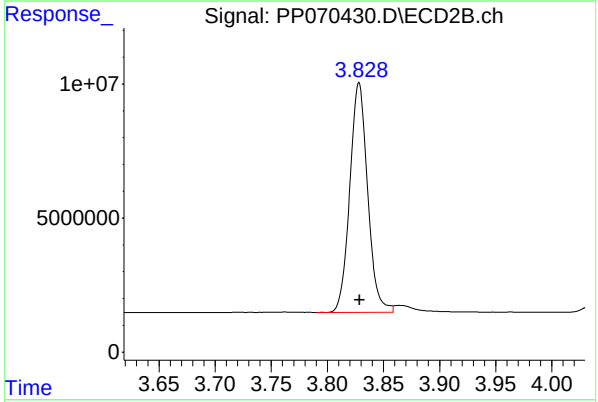




#1 Tetrachloro-m-xylene

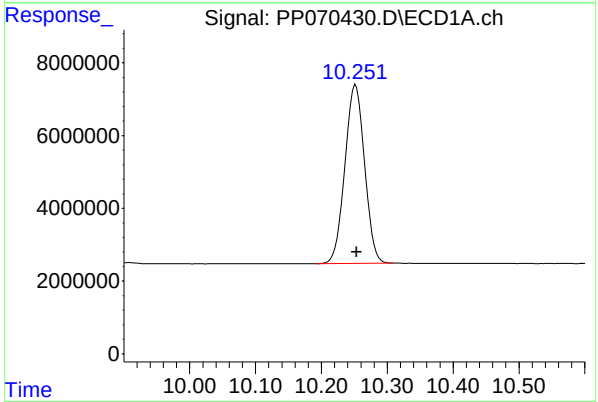
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 148350049
Conc: 93.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



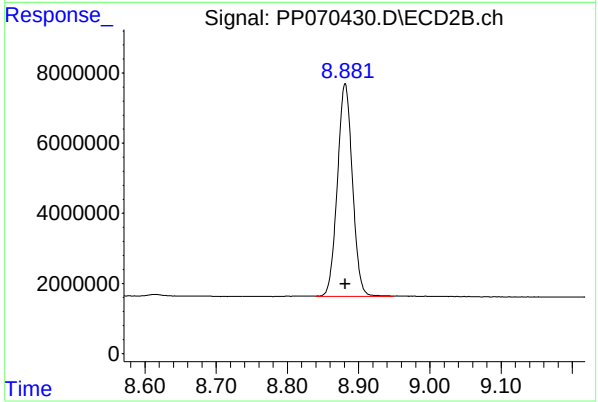
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 94968124
Conc: 94.95 ng/ml



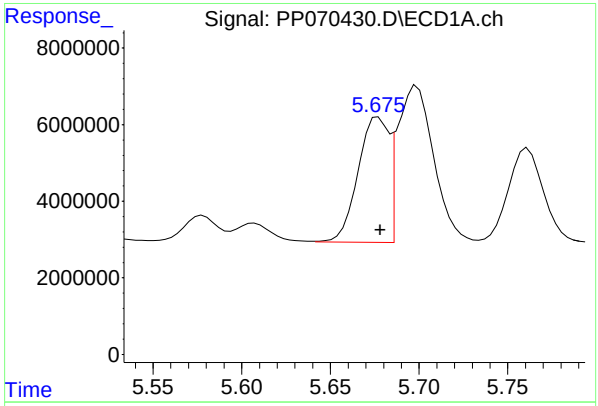
#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: -0.001 min
Response: 101714357
Conc: 92.58 ng/ml



#2 Decachlorobiphenyl

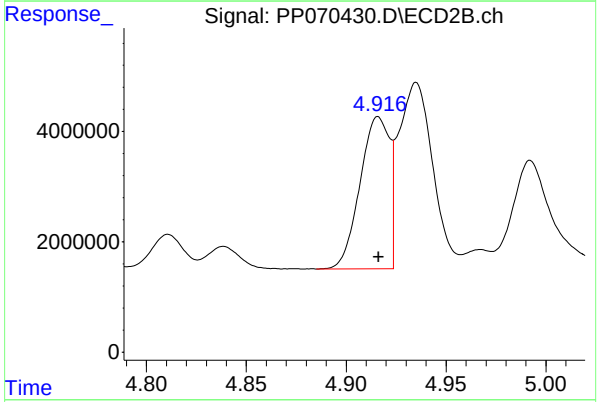
R.T.: 8.881 min
Delta R.T.: 0.000 min
Response: 89078022
Conc: 87.45 ng/ml



#16 AR-1242-1

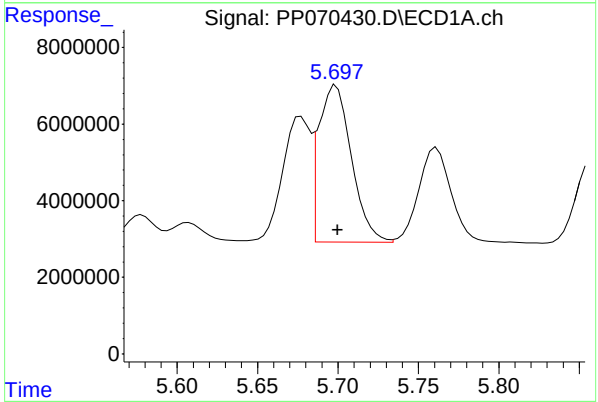
R.T.: 5.677 min
Delta R.T.: -0.001 min
Response: 39253435
Conc: 902.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



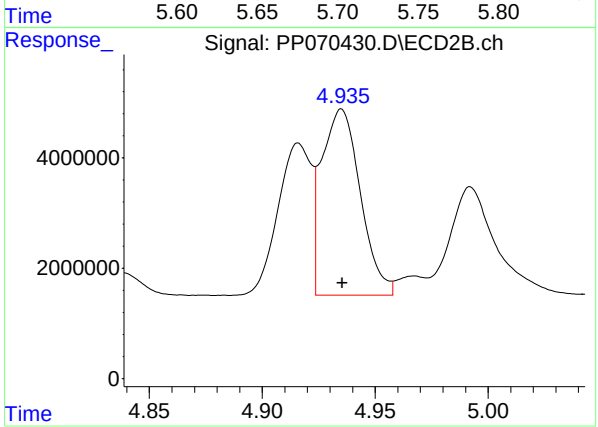
#16 AR-1242-1

R.T.: 4.916 min
Delta R.T.: 0.000 min
Response: 28374294
Conc: 940.35 ng/ml



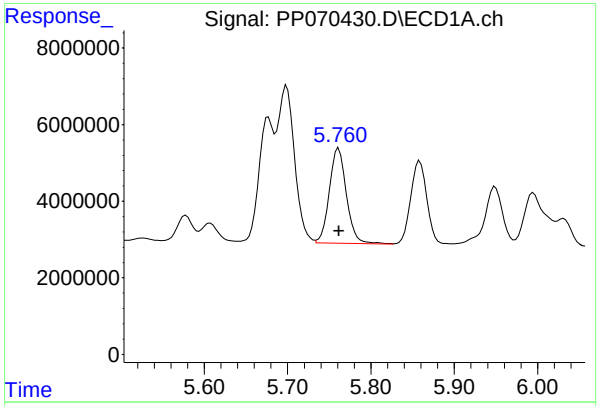
#17 AR-1242-2

R.T.: 5.699 min
Delta R.T.: 0.000 min
Response: 58252556
Conc: 936.10 ng/ml



#17 AR-1242-2

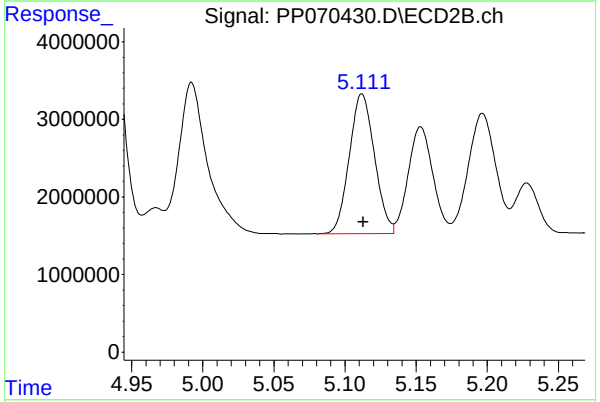
R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 40120133
Conc: 956.60 ng/ml



#18 AR-1242-3

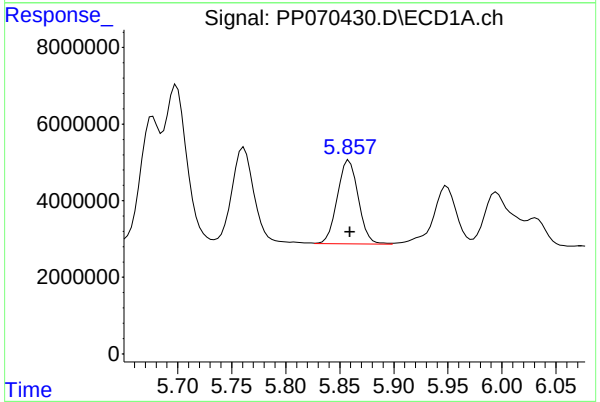
R.T.: 5.761 min
Delta R.T.: 0.000 min
Response: 35362447
Conc: 914.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



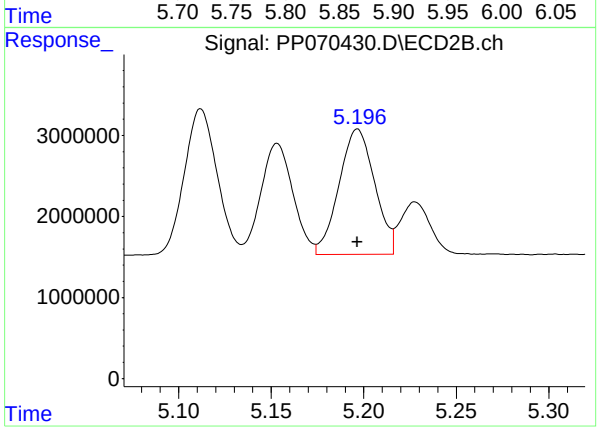
#18 AR-1242-3

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 22172127
Conc: 931.69 ng/ml



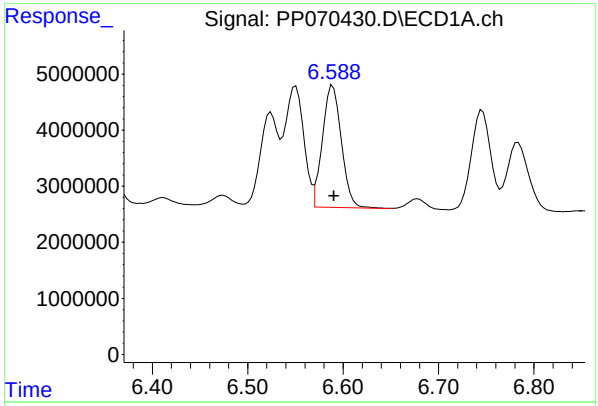
#19 AR-1242-4

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 29479509
Conc: 905.59 ng/ml



#19 AR-1242-4

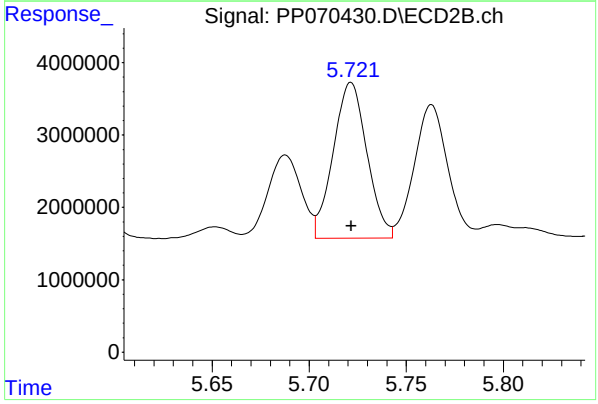
R.T.: 5.197 min
Delta R.T.: 0.000 min
Response: 20777408
Conc: 928.85 ng/ml



#20 AR-1242-5

R.T.: 6.589 min
Delta R.T.: -0.001 mi
Response: 29991669
Conc: 936.91 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



#20 AR-1242-5

R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 26011255
Conc: 924.28 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070431.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 18:28
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:16:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 22:15:44 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...	4.525	3.828	115.4E6	72710939	72.677	72.698
2)	SA Decachlor...	10.252	8.880	79754897	74745771	72.592	73.377
	Target Compounds						
16)	L4 AR-1242-1	5.678	4.916	31278275	21743405	719.336	720.598
17)	L4 AR-1242-2	5.700	4.935	45085458	30497830	724.511	727.171
18)	L4 AR-1242-3	5.762	5.112	27285376	16877928	705.908	709.226
19)	L4 AR-1242-4	5.859	5.196	23125338	15945991	710.396	712.863
20)	L4 AR-1242-5	6.590	5.721	23553432	20212182	735.787	718.220

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

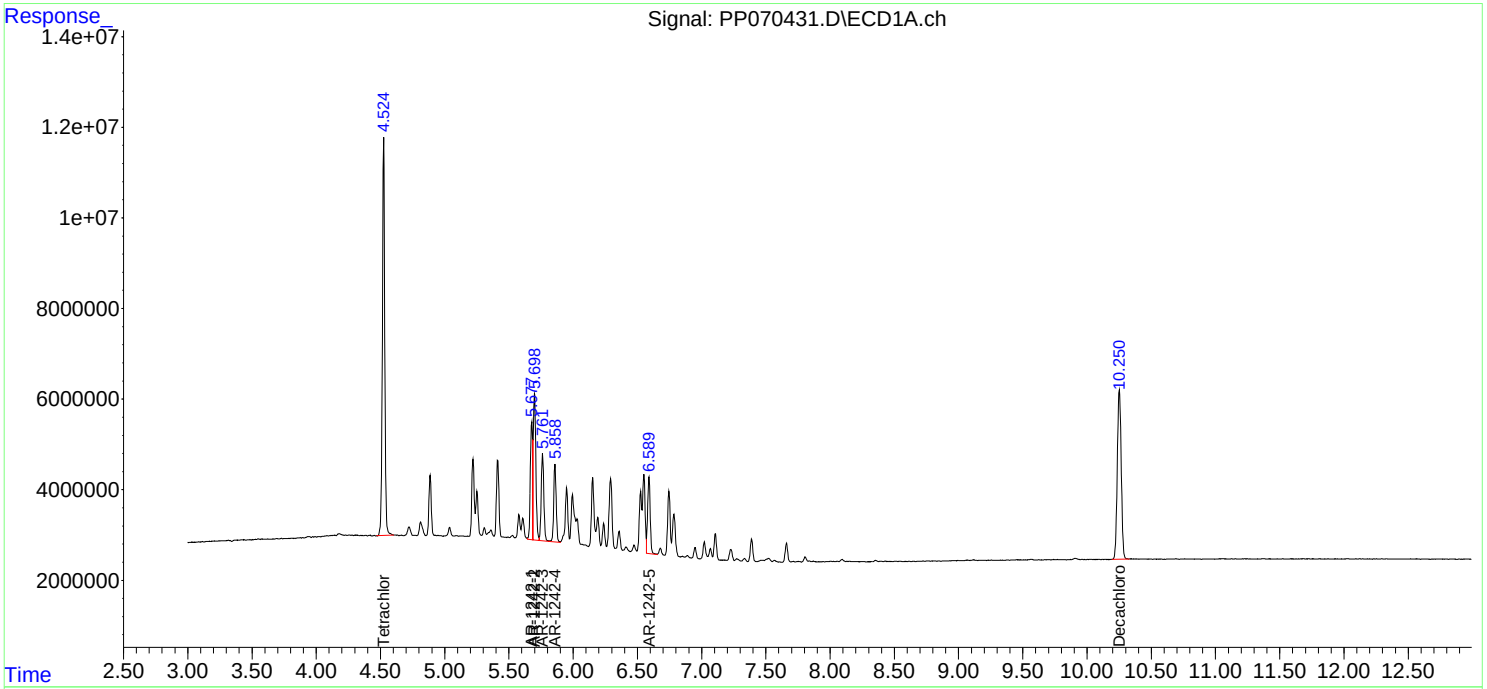
ICAL Form

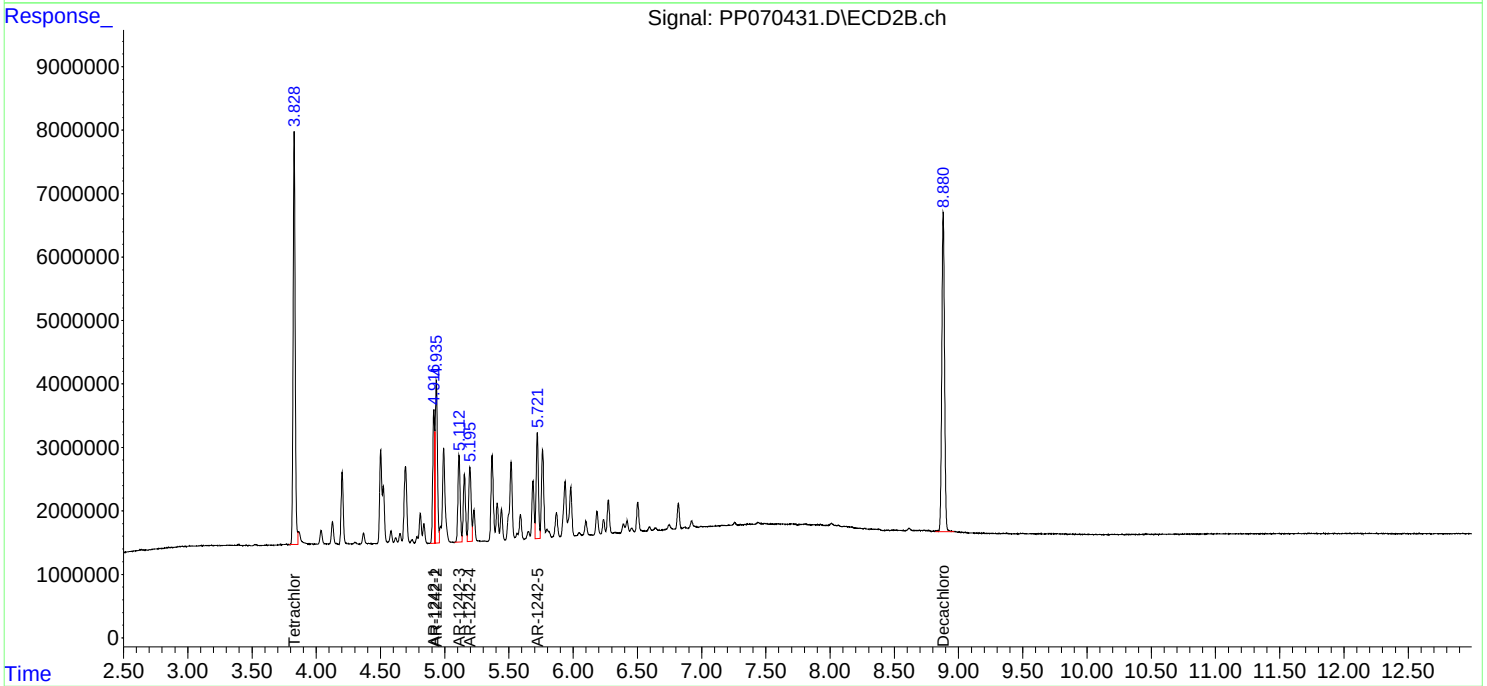
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070431.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 18:28
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 15 Sample Multiplier: 1

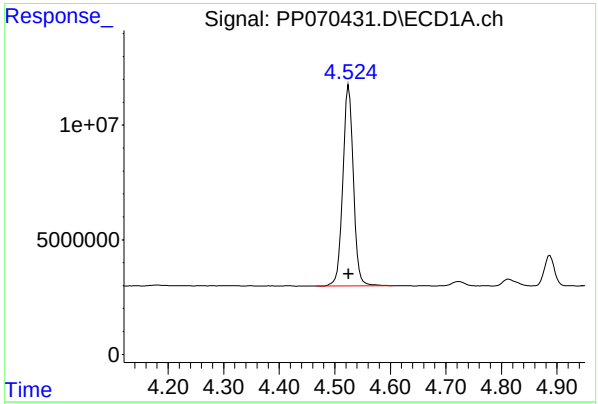
Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:16:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 22:15:44 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



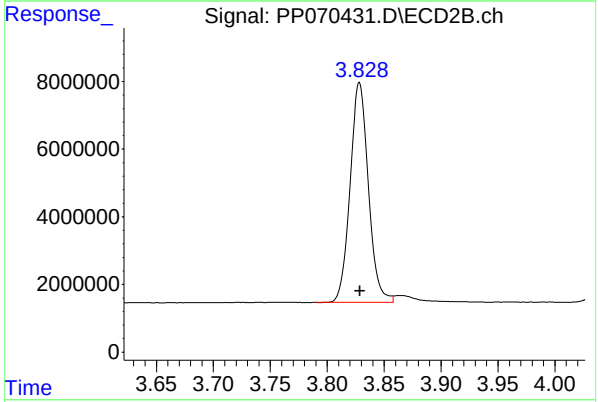




#1 Tetrachloro-m-xylene

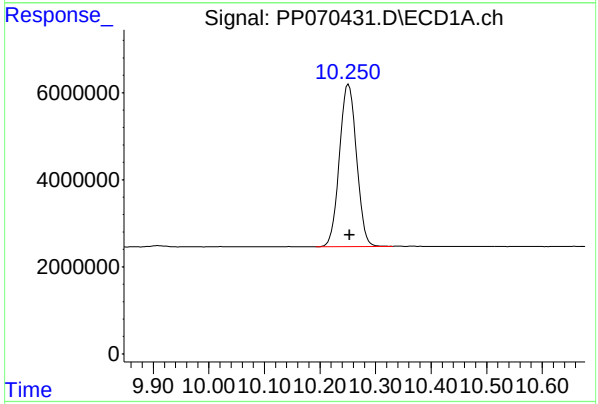
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 115389928
Conc: 72.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



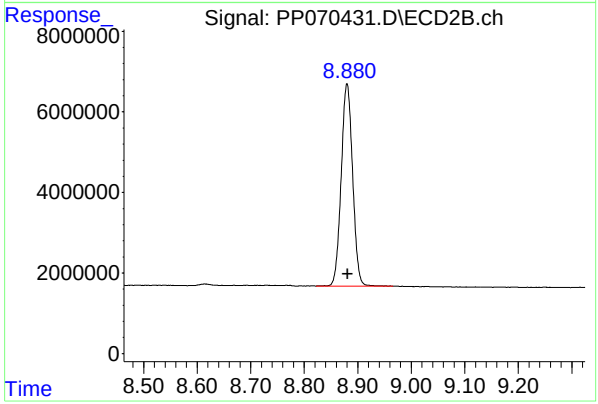
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 72710939
Conc: 72.70 ng/ml



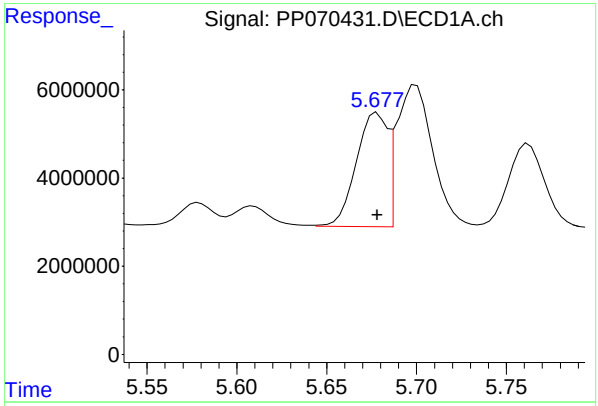
#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: -0.002 min
Response: 79754897
Conc: 72.59 ng/ml



#2 Decachlorobiphenyl

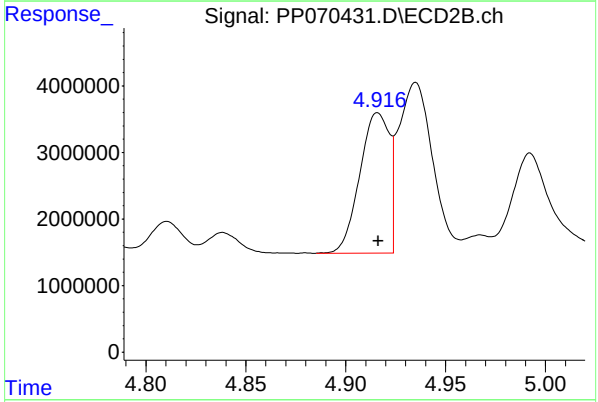
R.T.: 8.880 min
Delta R.T.: -0.001 min
Response: 74745771
Conc: 73.38 ng/ml



#16 AR-1242-1

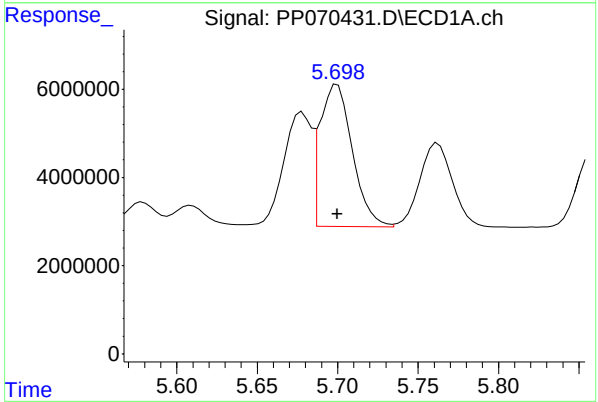
R.T.: 5.678 min
Delta R.T.: 0.000 min
Response: 31278275
Conc: 719.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



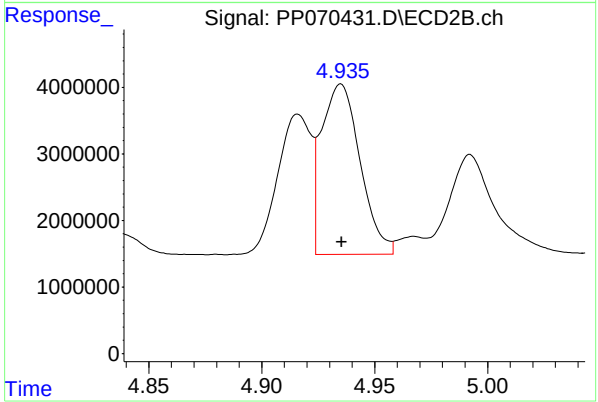
#16 AR-1242-1

R.T.: 4.916 min
Delta R.T.: 0.000 min
Response: 21743405
Conc: 720.60 ng/ml



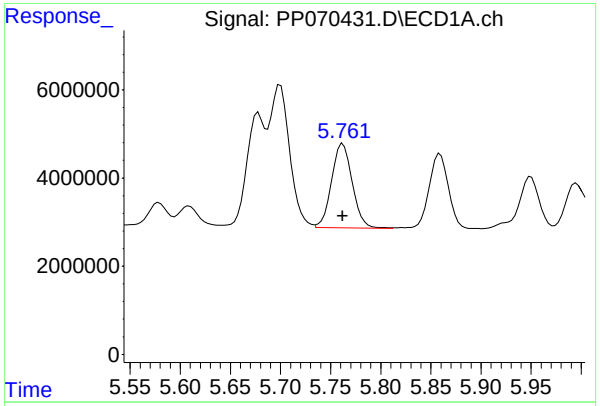
#17 AR-1242-2

R.T.: 5.700 min
Delta R.T.: 0.000 min
Response: 45085458
Conc: 724.51 ng/ml



#17 AR-1242-2

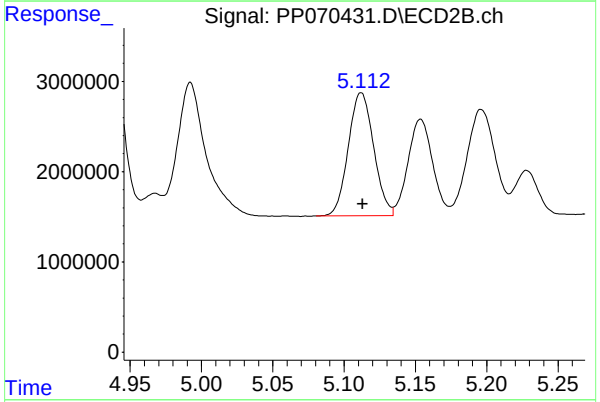
R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 30497830
Conc: 727.17 ng/ml



#18 AR-1242-3

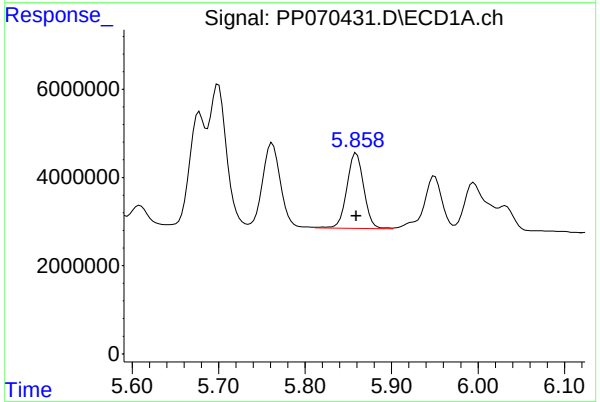
R.T.: 5.762 min
Delta R.T.: 0.000 min
Response: 27285376
Conc: 705.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



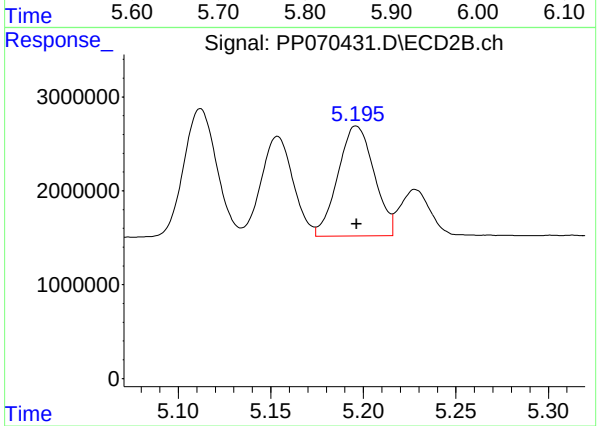
#18 AR-1242-3

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 16877928
Conc: 709.23 ng/ml



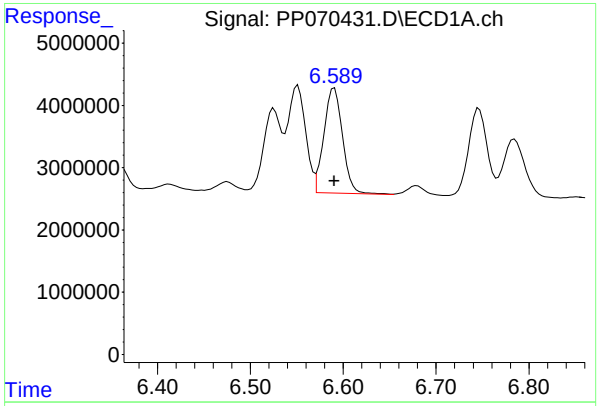
#19 AR-1242-4

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 23125338
Conc: 710.40 ng/ml



#19 AR-1242-4

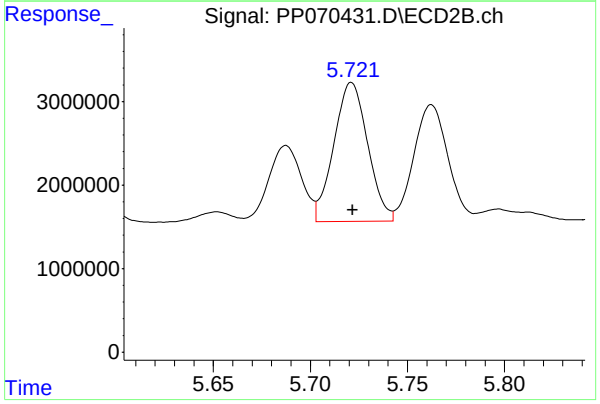
R.T.: 5.196 min
Delta R.T.: 0.000 min
Response: 15945991
Conc: 712.86 ng/ml



#20 AR-1242-5

R.T.: 6.590 min
Delta R.T.: 0.000 mi
Response: 23553432
Conc: 735.79 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



#20 AR-1242-5

R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 20212182
Conc: 718.22 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070432.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 18:45
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:16:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 22:15:44 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...	4.525	3.829	79385142	50008599	50.000	50.000
2)	SA Decachlor...	10.253	8.881	54933901	50932459	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	5.678	4.916	21741066	15087052	500.000	500.000
17)	L4 AR-1242-2	5.700	4.935	31114422	20970194	500.000	500.000
18)	L4 AR-1242-3	5.762	5.113	19326447	11898844	500.000	500.000
19)	L4 AR-1242-4	5.859	5.196	16276361	11184477	500.000	500.000
20)	L4 AR-1242-5	6.590	5.722	16005604	14071017	500.000	500.000

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

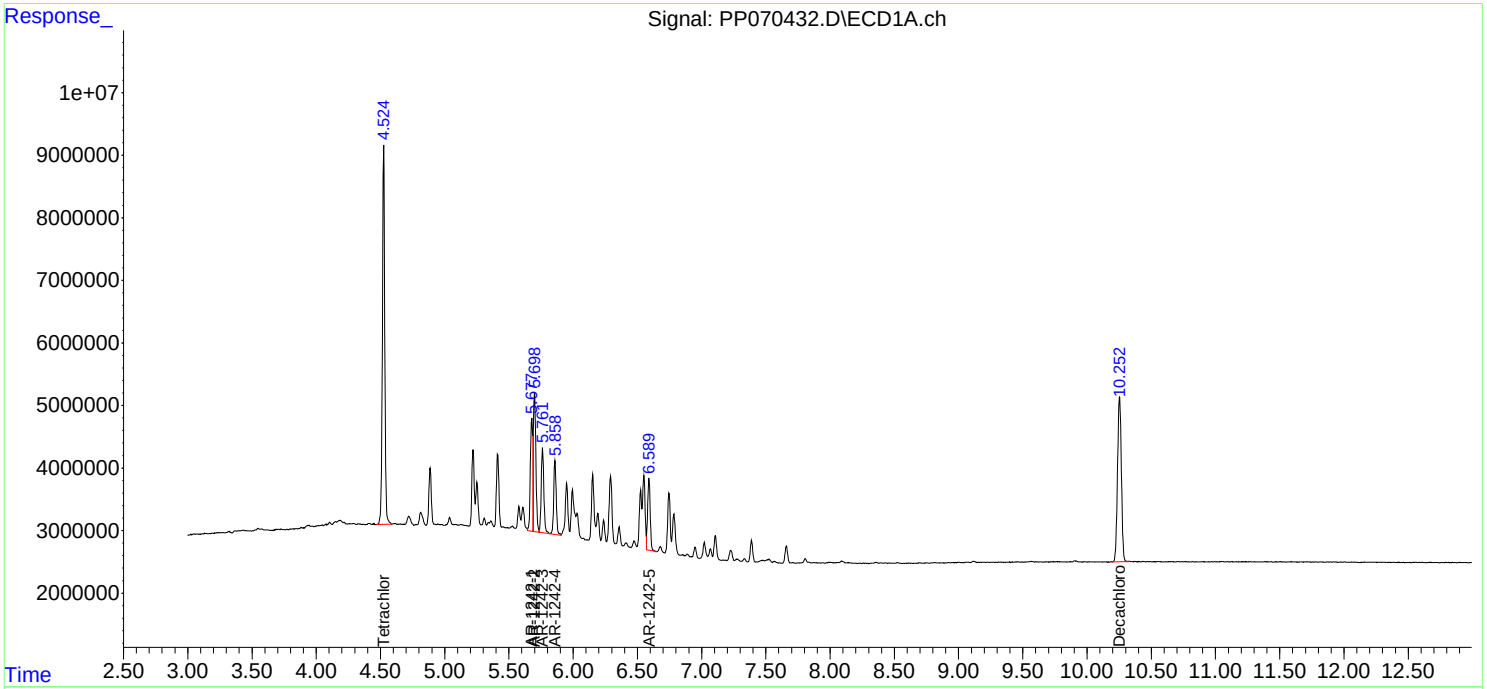
ICAL Form

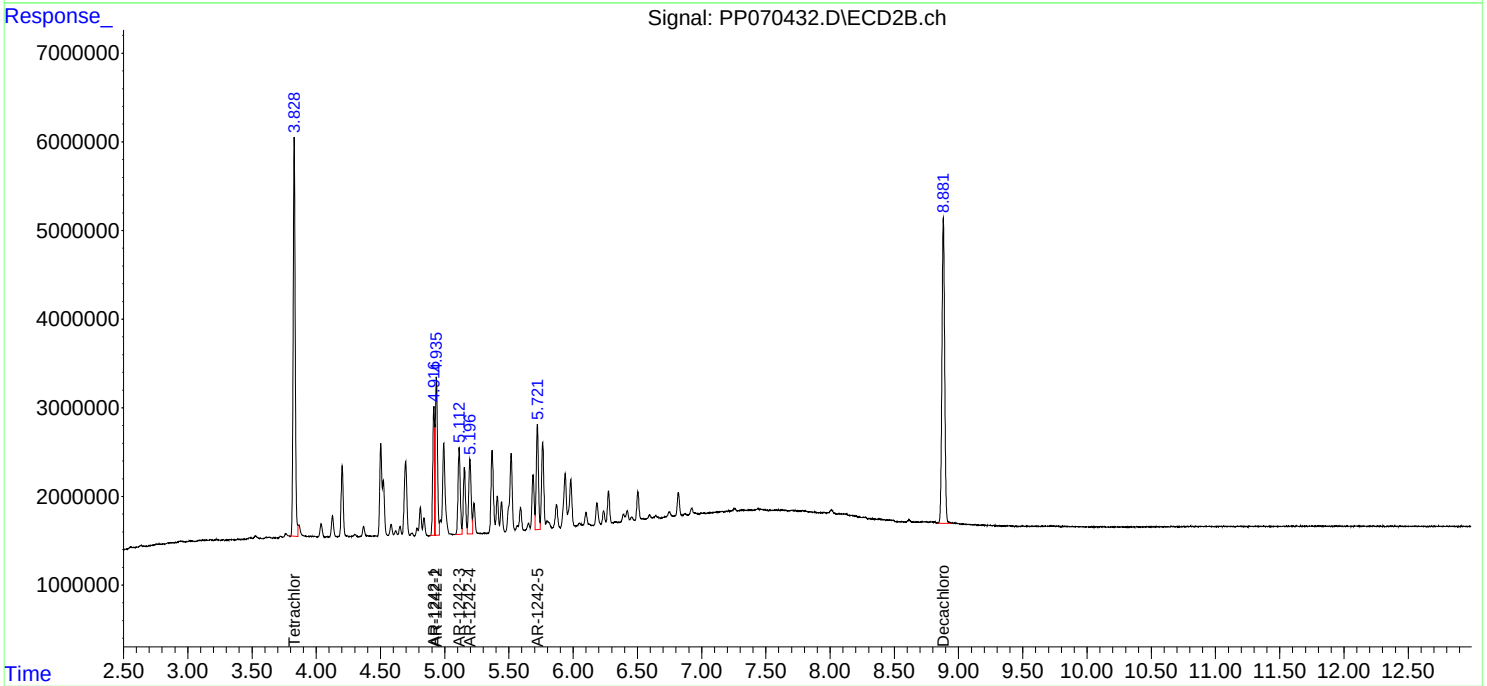
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070432.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 18:45
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 16 Sample Multiplier: 1

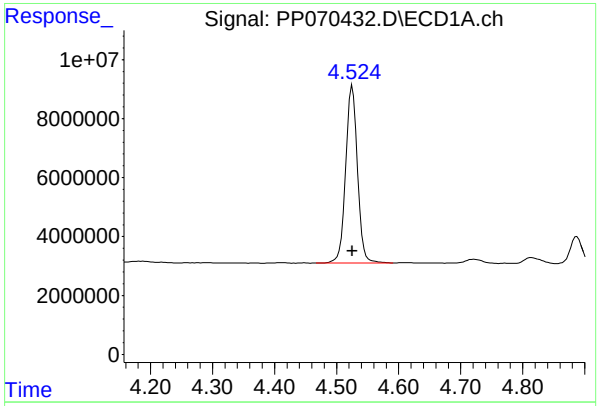
Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:16:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 22:15:44 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



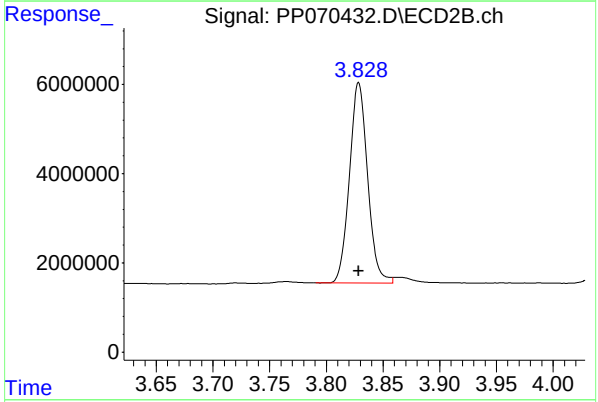




#1 Tetrachloro-m-xylene

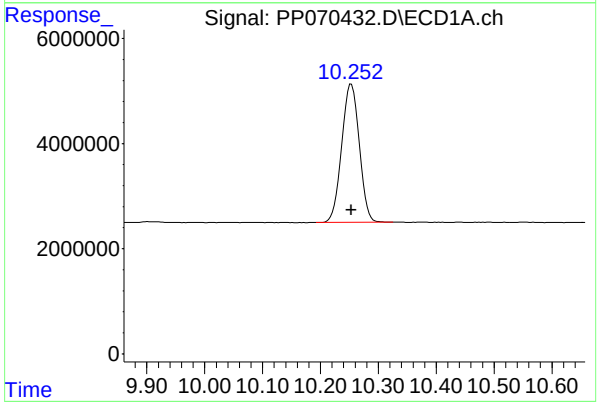
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 79385142
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



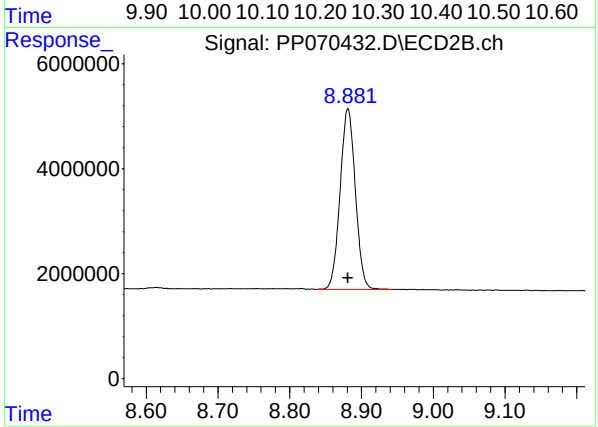
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: 0.000 min
Response: 50008599
Conc: 50.00 ng/ml



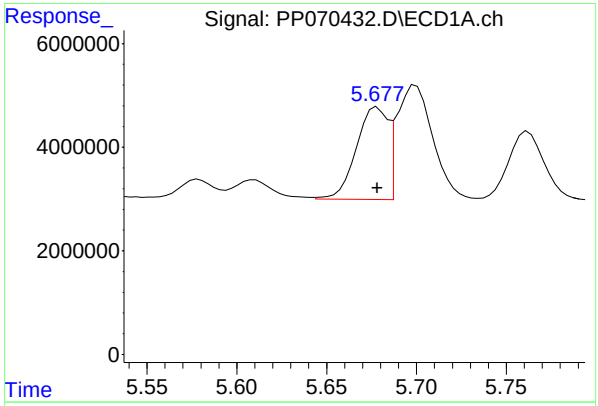
#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: 0.000 min
Response: 54933901
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

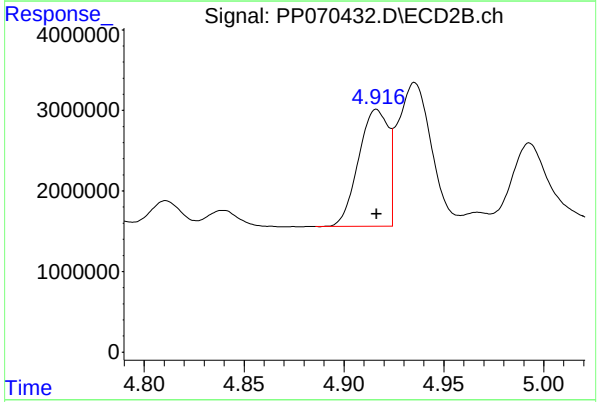
R.T.: 8.881 min
Delta R.T.: 0.000 min
Response: 50932459
Conc: 50.00 ng/ml



#16 AR-1242-1

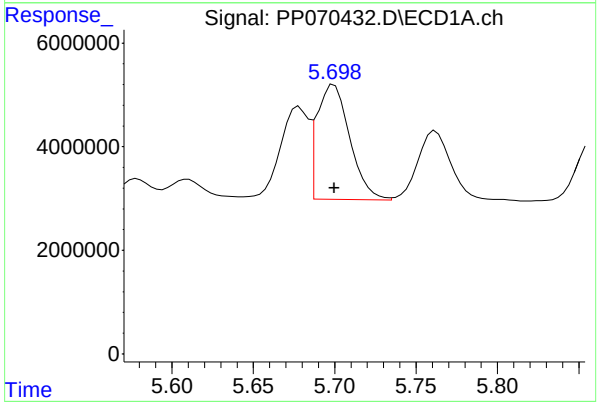
R.T.: 5.678 min
Delta R.T.: 0.000 min
Response: 21741066
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



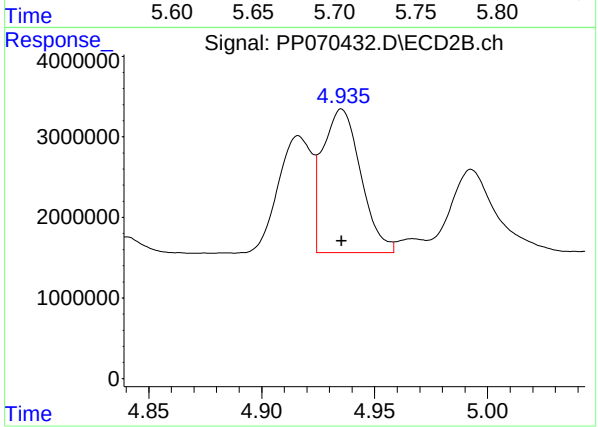
#16 AR-1242-1

R.T.: 4.916 min
Delta R.T.: 0.000 min
Response: 15087052
Conc: 500.00 ng/ml



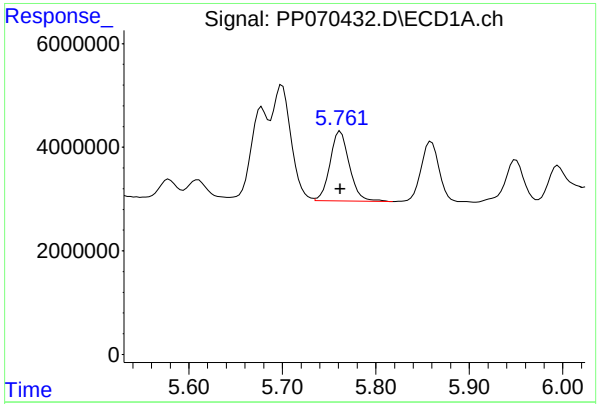
#17 AR-1242-2

R.T.: 5.700 min
Delta R.T.: 0.000 min
Response: 31114422
Conc: 500.00 ng/ml



#17 AR-1242-2

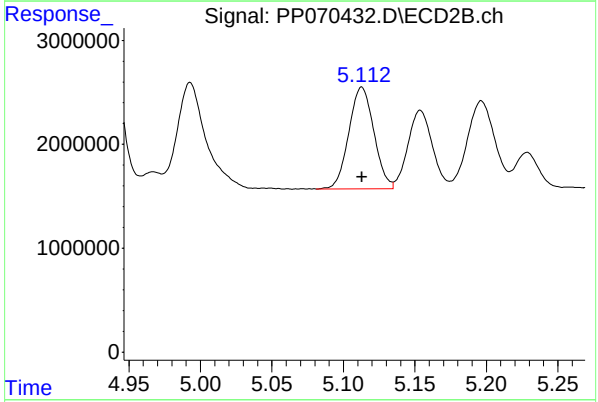
R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 20970194
Conc: 500.00 ng/ml



#18 AR-1242-3

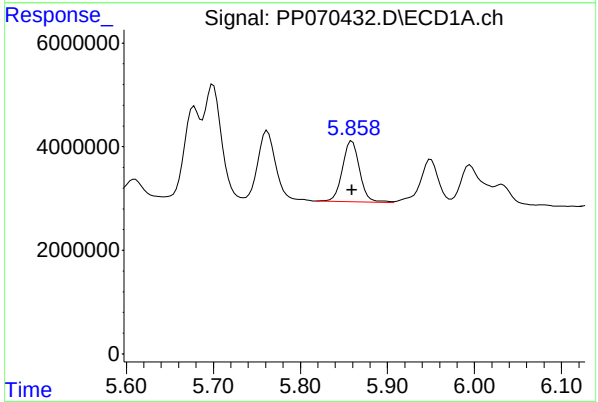
R.T.: 5.762 min
Delta R.T.: 0.000 min
Response: 19326447
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



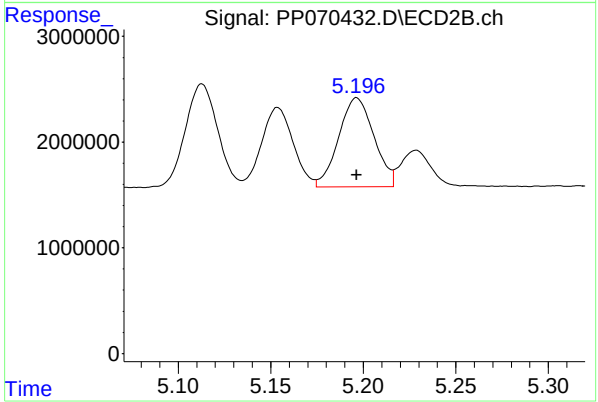
#18 AR-1242-3

R.T.: 5.113 min
Delta R.T.: 0.000 min
Response: 11898844
Conc: 500.00 ng/ml



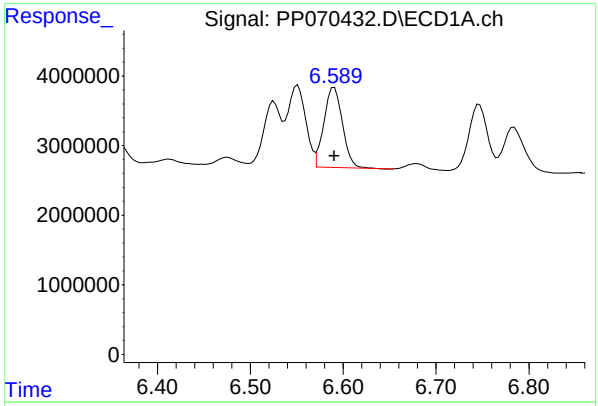
#19 AR-1242-4

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 16276361
Conc: 500.00 ng/ml



#19 AR-1242-4

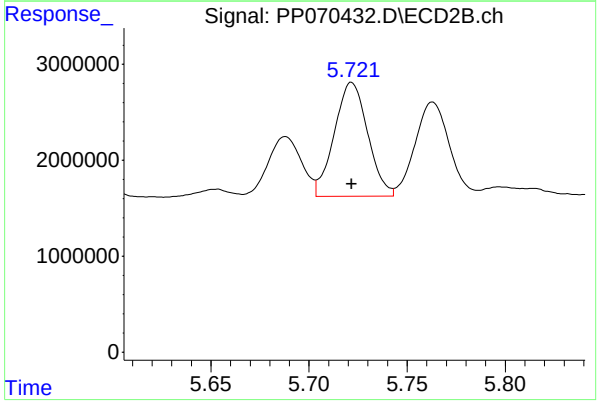
R.T.: 5.196 min
Delta R.T.: 0.000 min
Response: 11184477
Conc: 500.00 ng/ml



#20 AR-1242-5

R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 16005604
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



#20 AR-1242-5

R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 14071017
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070433.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 19:01
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:17:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 22:15:44 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...	4.524	3.828	41377010	26035193	26.061	26.031
2)	SA Decachlor...	10.252	8.882	28665426	26753118	26.091	26.263
	Target Compounds						
16)	L4 AR-1242-1	5.677	4.916	11964118	8132112	275.150	269.506
17)	L4 AR-1242-2	5.699	4.935	16512640	11403170	265.353	271.890
18)	L4 AR-1242-3	5.761	5.112	10411351	6390296	269.355	268.526
19)	L4 AR-1242-4	5.858	5.197	8770541	5985325	269.426	267.573
20)	L4 AR-1242-5	6.589	5.721	8174876	7415218	255.375	263.493

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

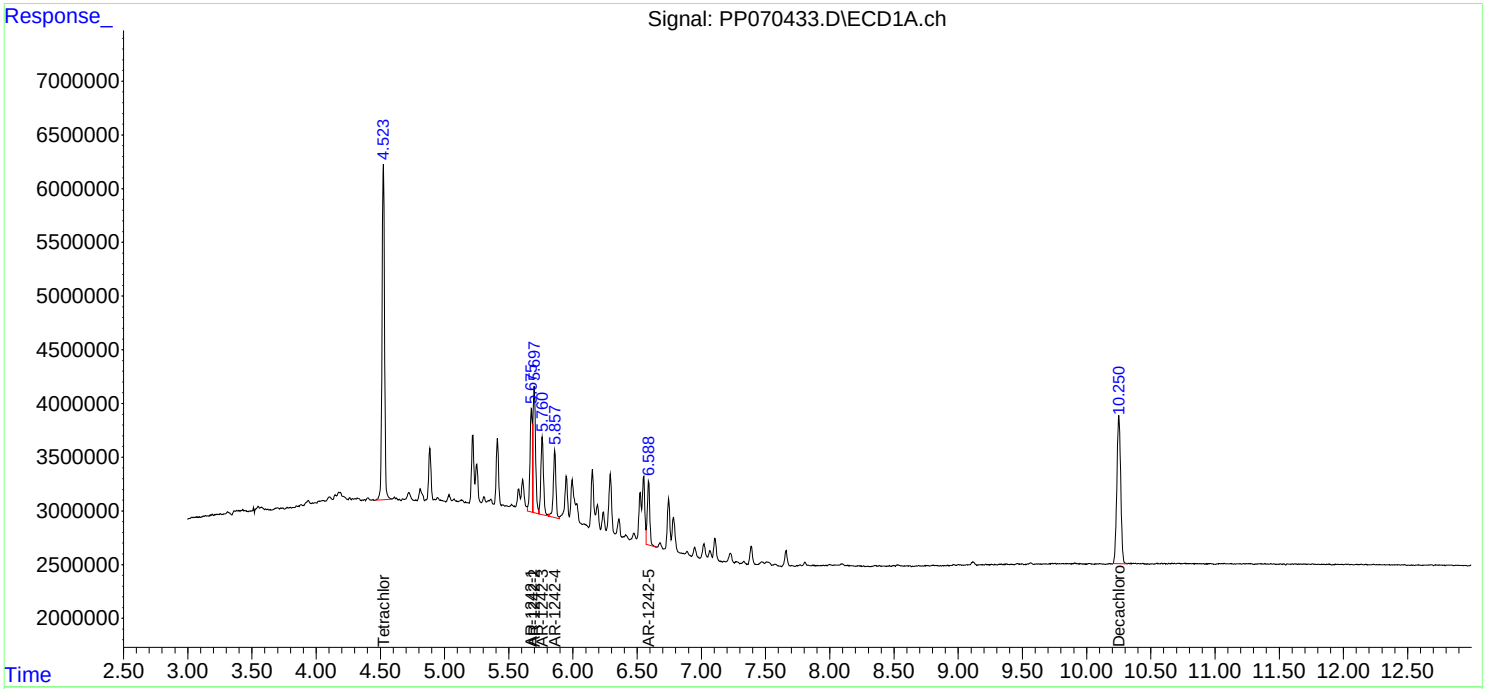
ICAL Form

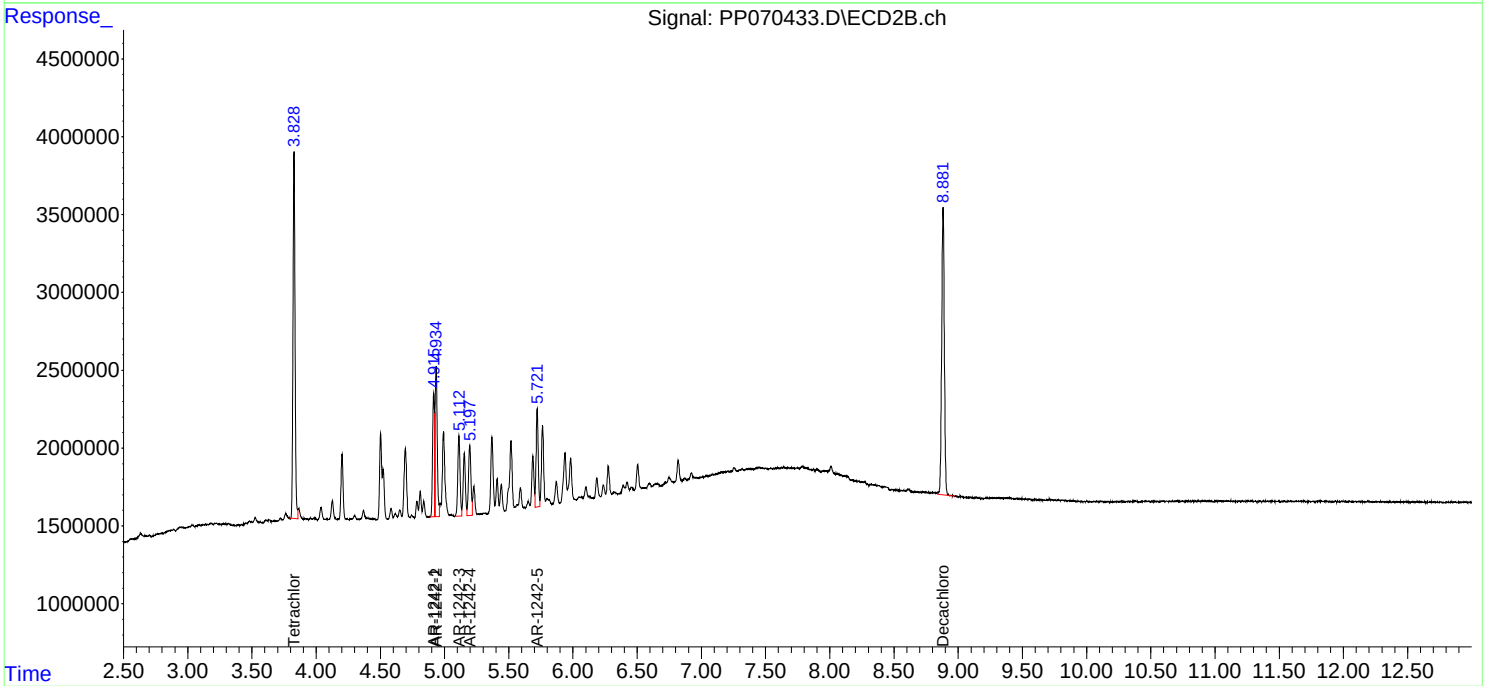
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070433.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 19:01
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 17 Sample Multiplier: 1

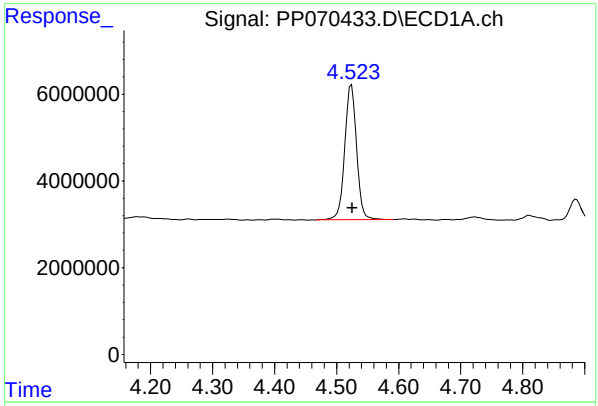
Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:17:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 22:15:44 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



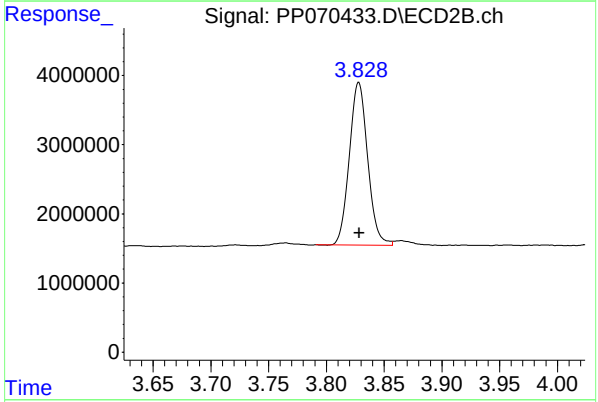




#1 Tetrachloro-m-xylene

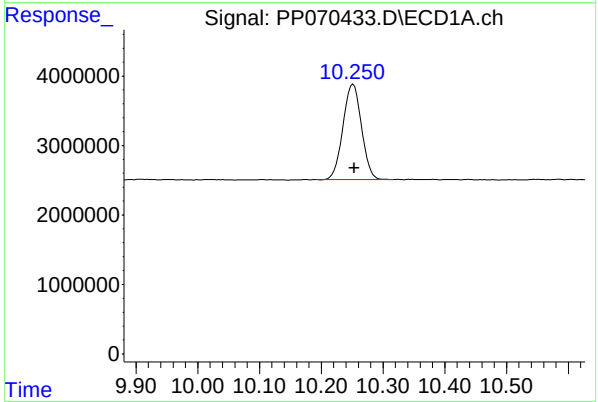
R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 41377010
Conc: 26.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



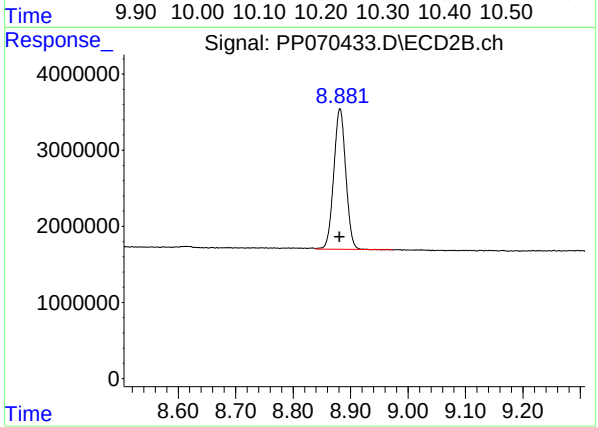
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 26035193
Conc: 26.03 ng/ml



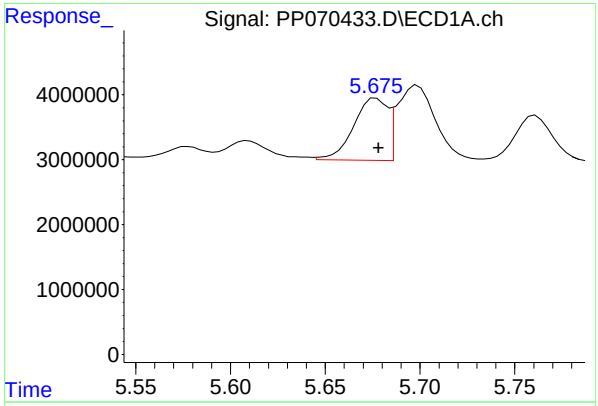
#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: -0.002 min
Response: 28665426
Conc: 26.09 ng/ml



#2 Decachlorobiphenyl

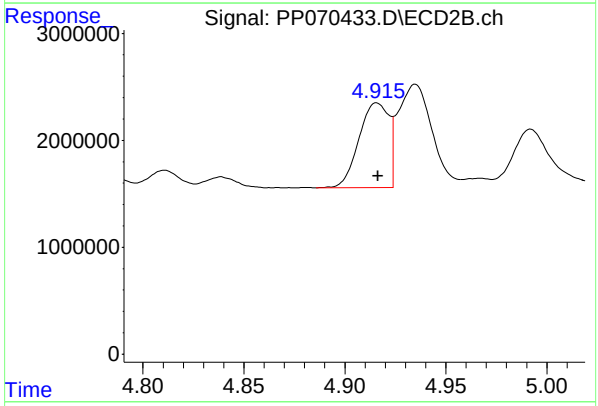
R.T.: 8.882 min
Delta R.T.: 0.000 min
Response: 26753118
Conc: 26.26 ng/ml



#16 AR-1242-1

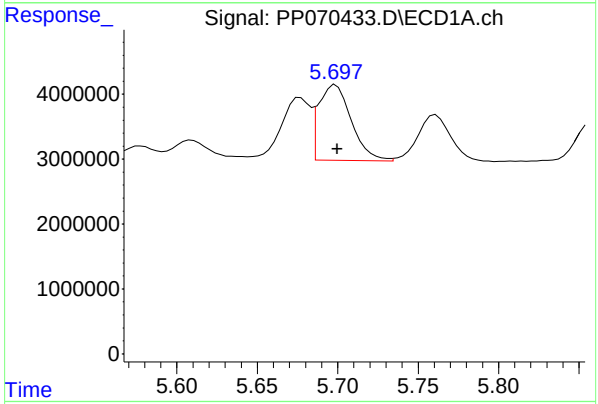
R.T.: 5.677 min
Delta R.T.: -0.001 min
Response: 11964118
Conc: 275.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



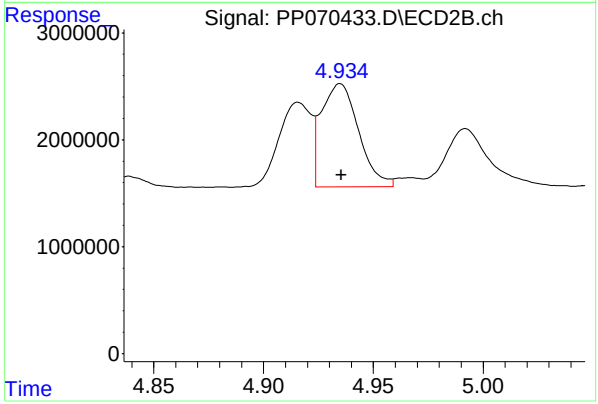
#16 AR-1242-1

R.T.: 4.916 min
Delta R.T.: 0.000 min
Response: 8132112
Conc: 269.51 ng/ml



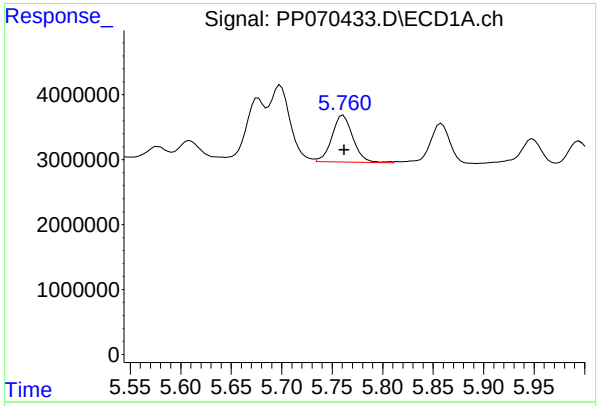
#17 AR-1242-2

R.T.: 5.699 min
Delta R.T.: 0.000 min
Response: 16512640
Conc: 265.35 ng/ml



#17 AR-1242-2

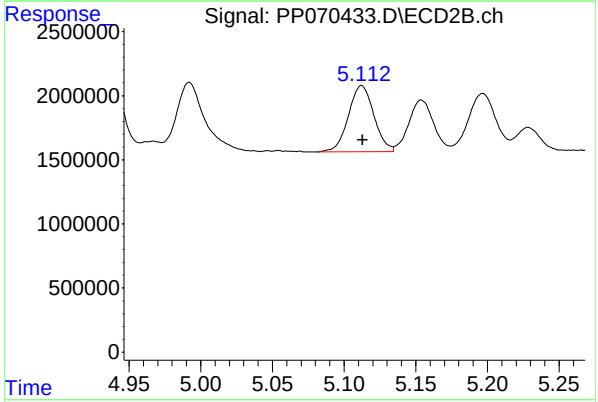
R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 11403170
Conc: 271.89 ng/ml



#18 AR-1242-3

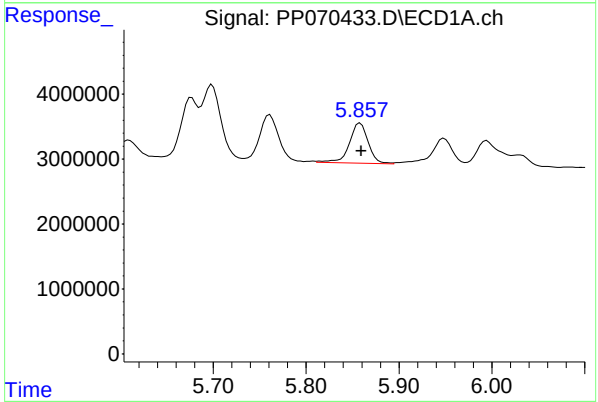
R.T.: 5.761 min
Delta R.T.: -0.001 min
Response: 10411351
Conc: 269.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



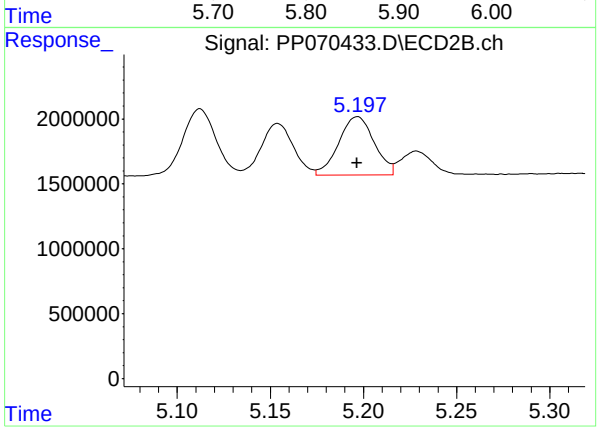
#18 AR-1242-3

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 6390296
Conc: 268.53 ng/ml



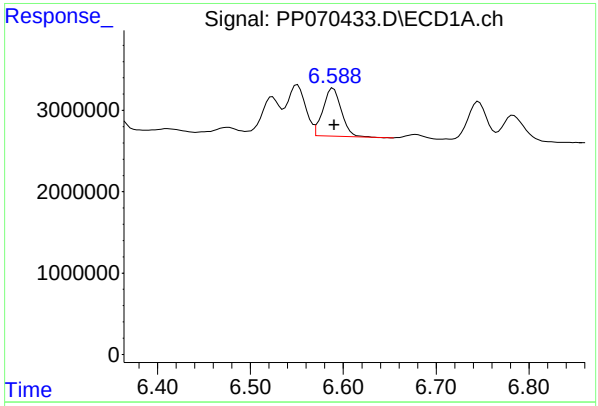
#19 AR-1242-4

R.T.: 5.858 min
Delta R.T.: -0.001 min
Response: 8770541
Conc: 269.43 ng/ml



#19 AR-1242-4

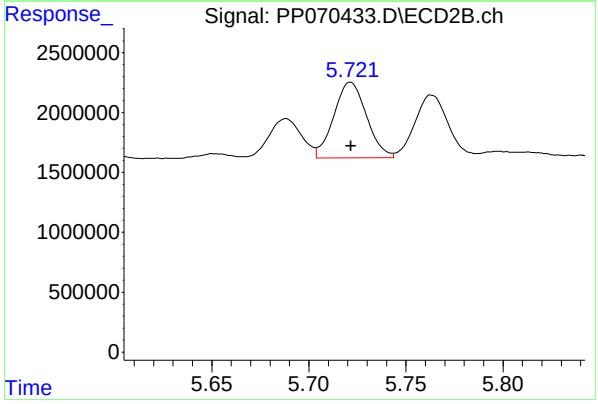
R.T.: 5.197 min
Delta R.T.: 0.000 min
Response: 5985325
Conc: 267.57 ng/ml



#20 AR-1242-5

R.T.: 6.589 min
Delta R.T.: -0.001 min
Response: 8174876
Conc: 255.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



#20 AR-1242-5

R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 7415218
Conc: 263.49 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070434.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 19:17
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:17:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 22:15:44 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...	4.525	3.828	7892451	5217010	4.971	5.216
2)	SA Decachlor...	10.251	8.880	5096068	5757436	4.638	5.652
	Target Compounds						
16)	L4 AR-1242-1	5.675	4.915	2497316	1649451	57.433m	54.664m
17)	L4 AR-1242-2	5.698	4.933	3012916	2482544	48.417m	59.192m
18)	L4 AR-1242-3	5.760	5.112	1673238	1256336	43.289m	52.792
19)	L4 AR-1242-4	5.858	5.196	1635861	1093177	50.253m	48.870
20)	L4 AR-1242-5	6.589	5.721	1456532	1442093	45.501	51.243

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070434.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 19:17
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 18 Sample Multiplier: 1

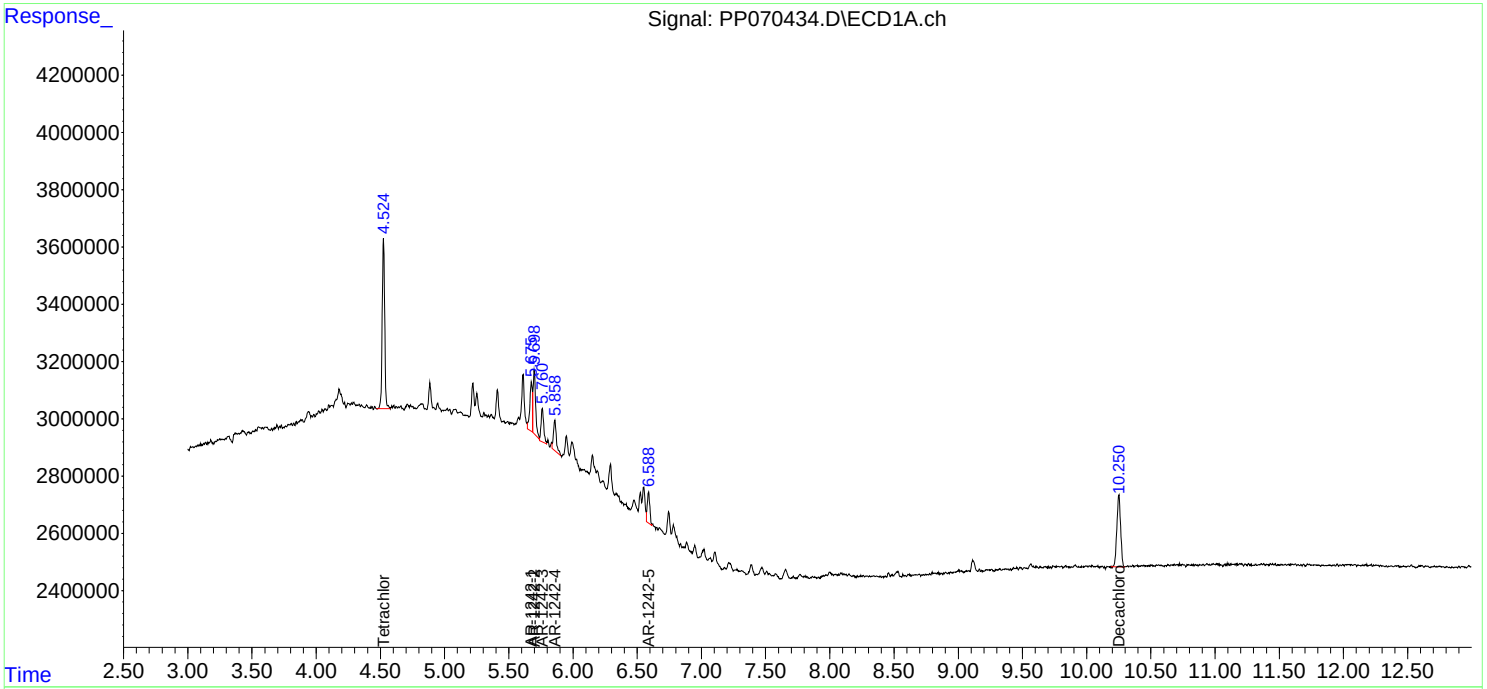
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

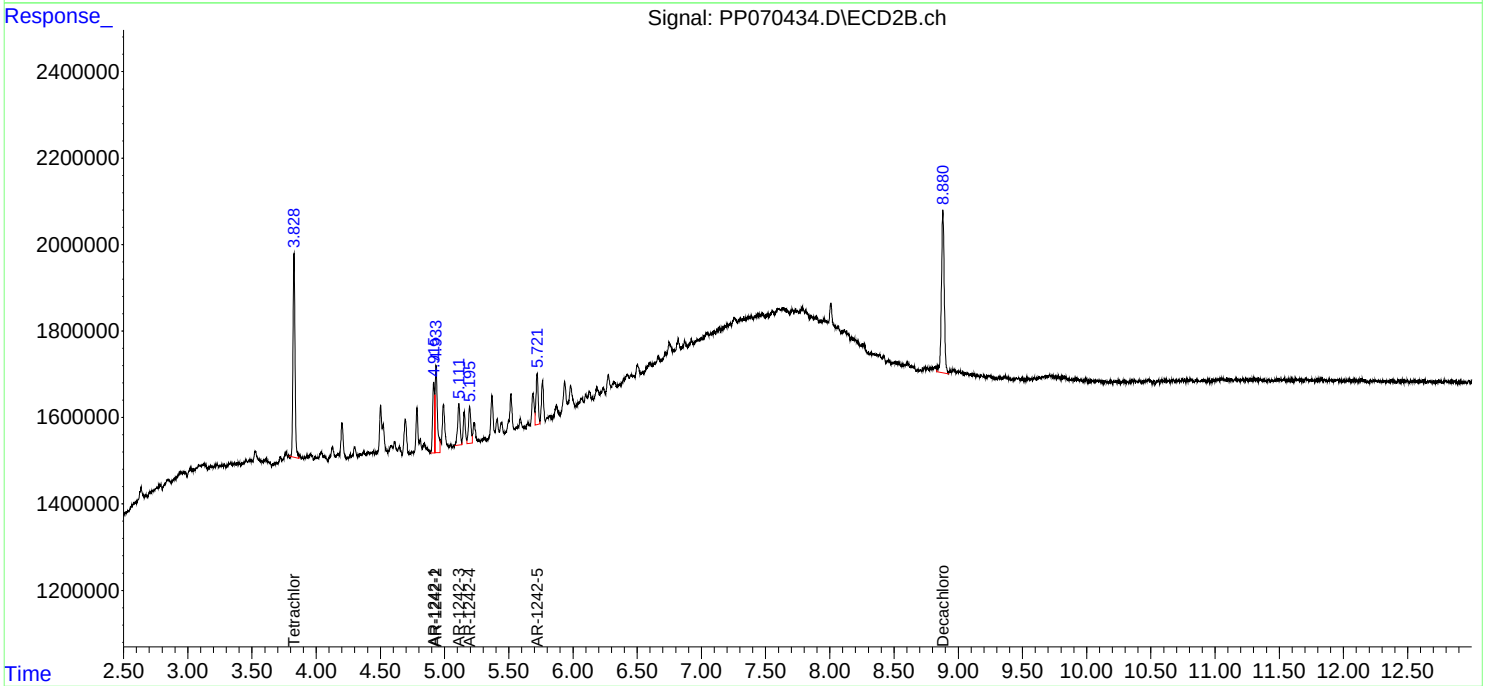
Manual Integrations APPROVED

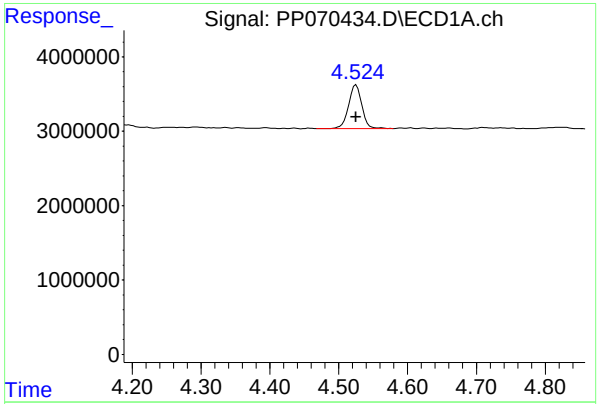
Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:17:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 22:15:44 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







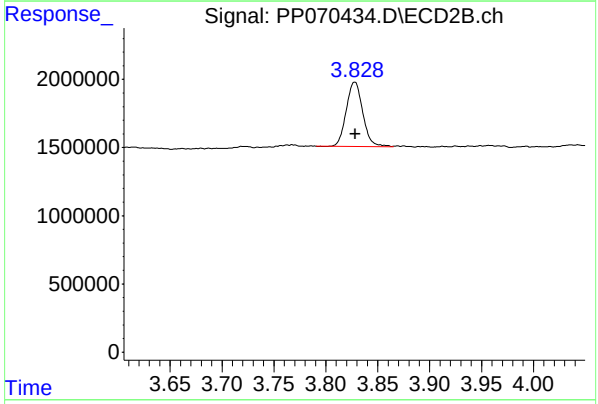
#1 Tetrachloro-m-xylene

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 7892451
Conc: 4.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

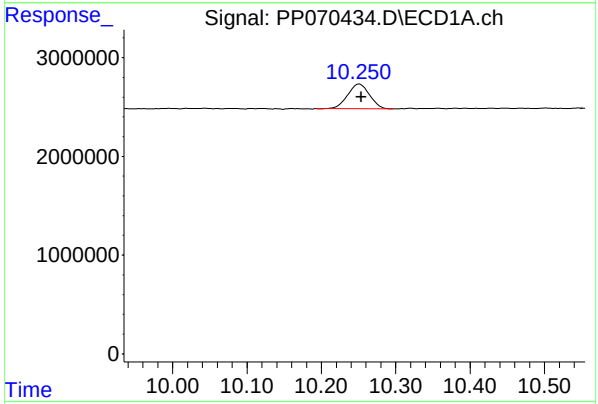
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



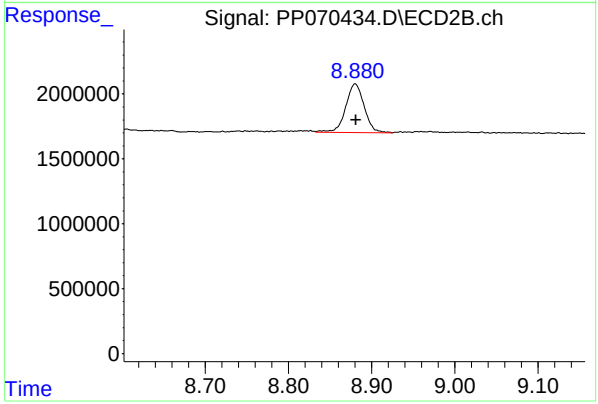
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 5217010
Conc: 5.22 ng/ml



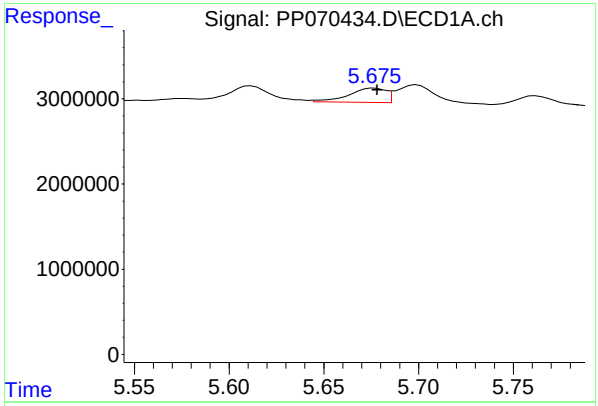
#2 Decachlorobiphenyl

R.T.: 10.251 min
Delta R.T.: -0.002 min
Response: 5096068
Conc: 4.64 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.880 min
Delta R.T.: 0.000 min
Response: 5757436
Conc: 5.65 ng/ml



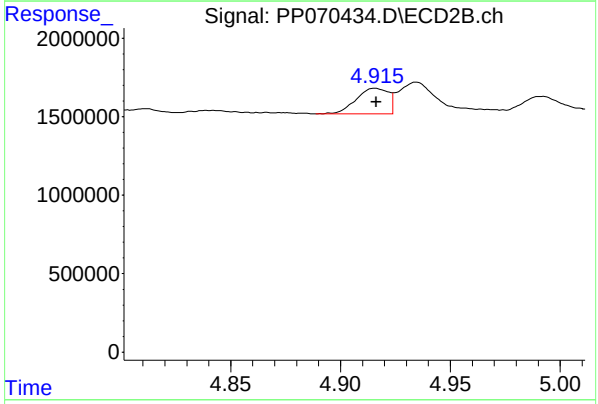
#16 AR-1242-1

R.T.: 5.675 min
Delta R.T.: -0.003 mi
Response: 2497316
Conc: 57.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

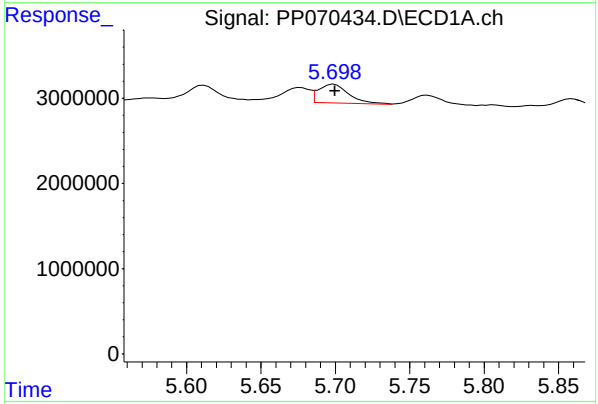
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



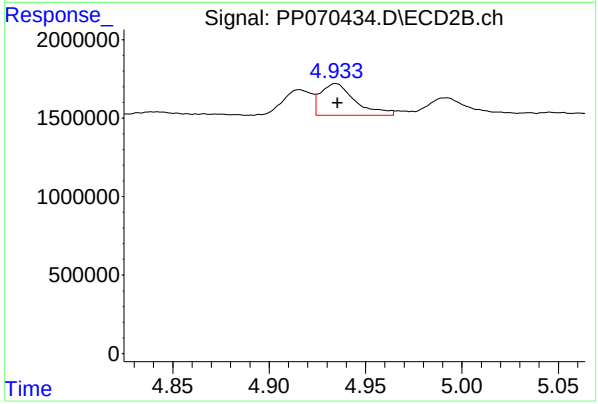
#16 AR-1242-1

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 1649451
Conc: 54.66 ng/ml m



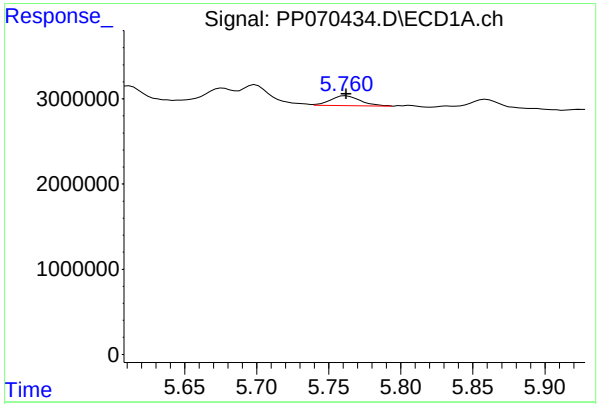
#17 AR-1242-2

R.T.: 5.698 min
Delta R.T.: -0.002 min
Response: 3012916
Conc: 48.42 ng/ml m



#17 AR-1242-2

R.T.: 4.933 min
Delta R.T.: -0.002 min
Response: 2482544
Conc: 59.19 ng/ml m



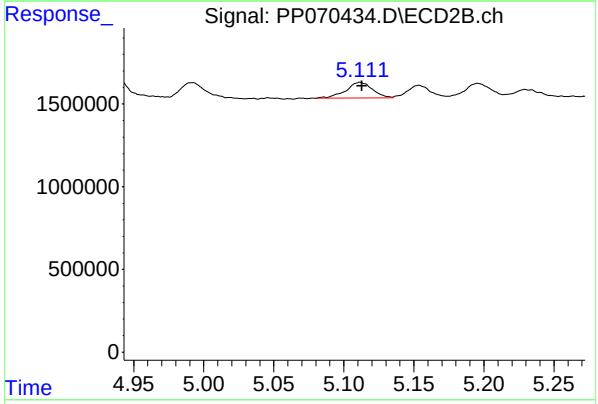
#18 AR-1242-3

R.T.: 5.760 min
Delta R.T.: -0.002 mi
Response: 1673238
Conc: 43.29 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

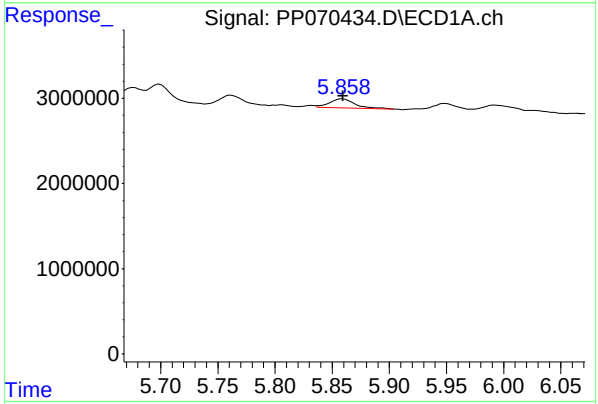
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



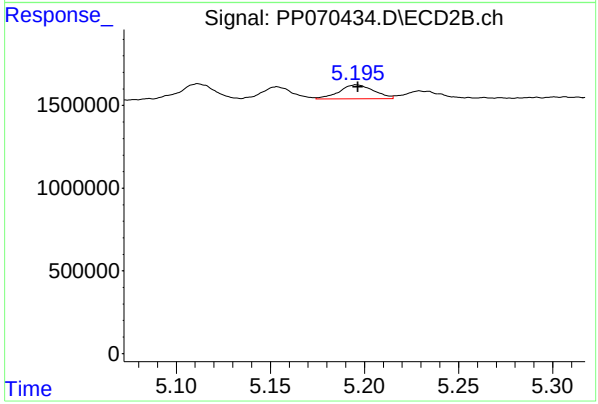
#18 AR-1242-3

R.T.: 5.112 min
Delta R.T.: -0.001 min
Response: 1256336
Conc: 52.79 ng/ml



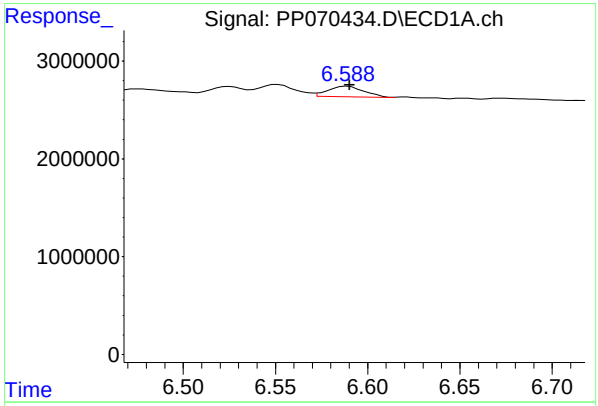
#19 AR-1242-4

R.T.: 5.858 min
Delta R.T.: -0.002 min
Response: 1635861
Conc: 50.25 ng/ml m



#19 AR-1242-4

R.T.: 5.196 min
Delta R.T.: 0.000 min
Response: 1093177
Conc: 48.87 ng/ml



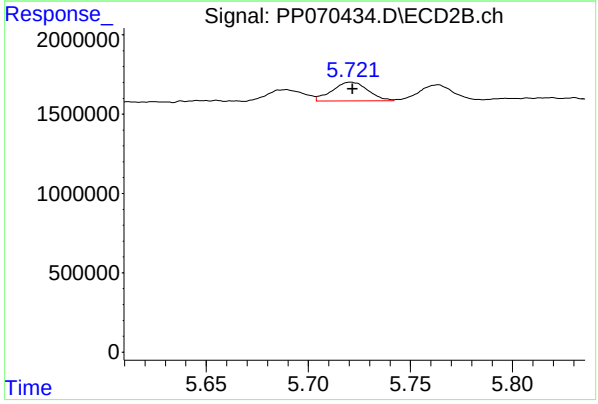
#20 AR-1242-5

R.T.: 6.589 min
Delta R.T.: -0.001 min
Response: 1456532
Conc: 45.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



#20 AR-1242-5

R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 1442093
Conc: 51.24 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070435.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 19:34
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:28:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 22:27:44 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...	4.525	3.828	146.4E6	94860764	91.920	91.940
2)	SA Decachlor...	10.253	8.881	101.9E6	93329063	91.773	93.312
	Target Compounds						
21)	L5 AR-1248-1	5.677	4.916	30241509	21916865	879.841	907.978
22)	L5 AR-1248-2	5.949	5.154	39839483	28154371	903.943	890.825
23)	L5 AR-1248-3	6.152	5.196	43671743	29522180	923.824	895.847
24)	L5 AR-1248-4	6.551	5.369	52673121	34974296	915.297	909.809
25)	L5 AR-1248-5	6.590	5.763	49495855	34216861	911.872	888.224

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

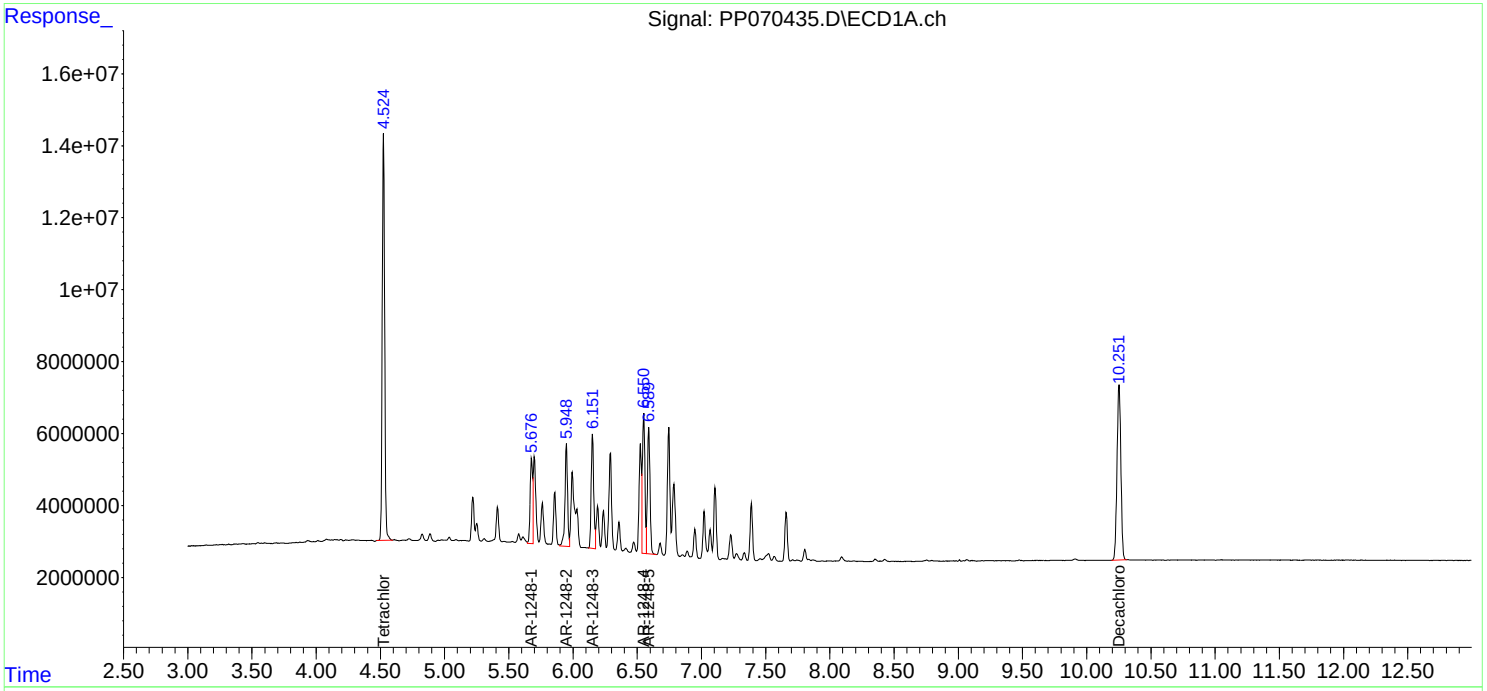
ICAL Form

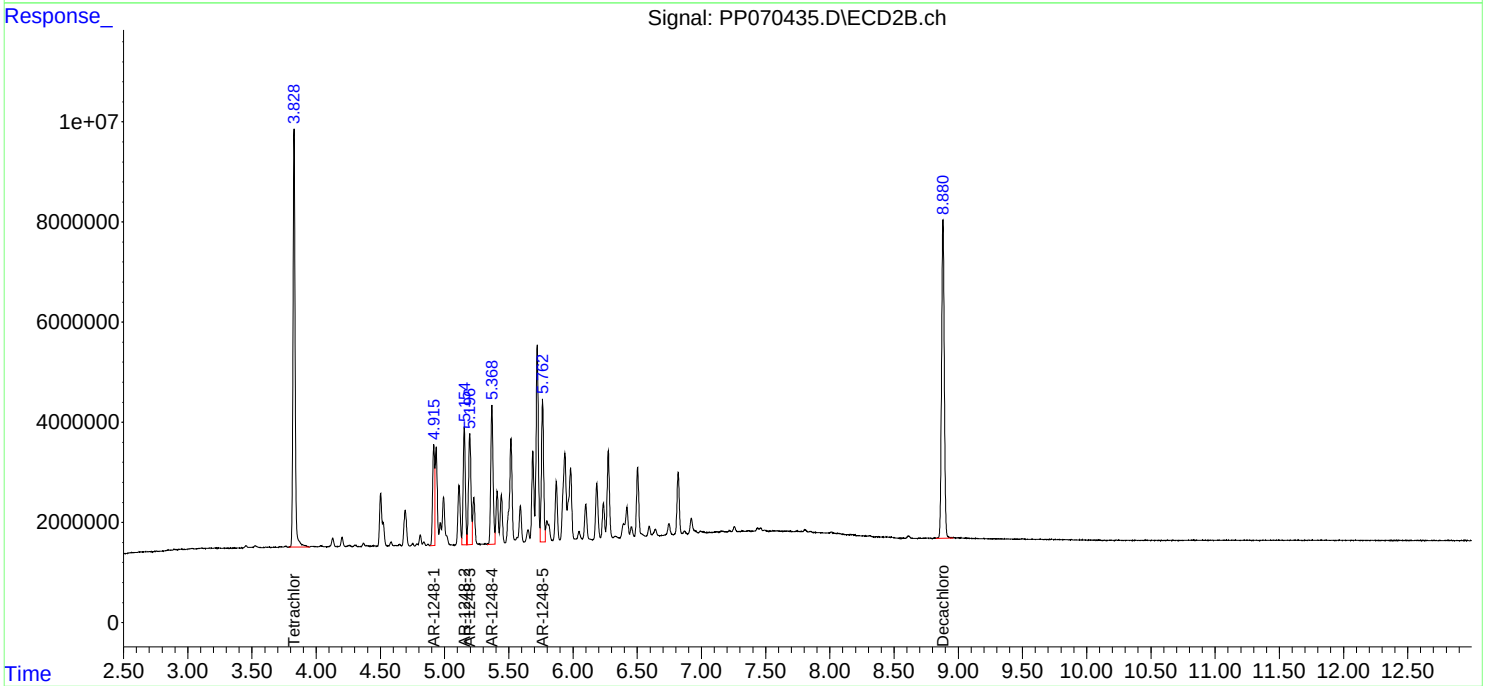
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070435.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 19:34
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 19 Sample Multiplier: 1

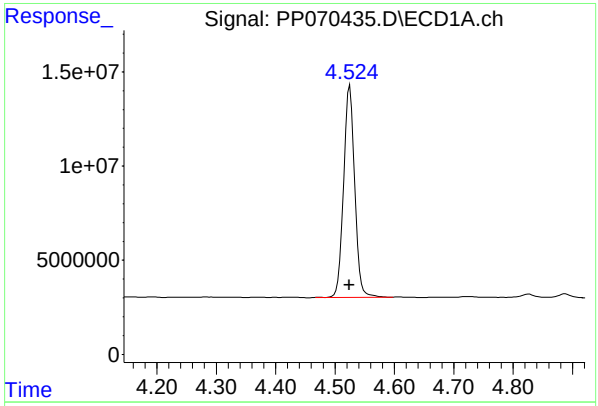
Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:28:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 22:27:44 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



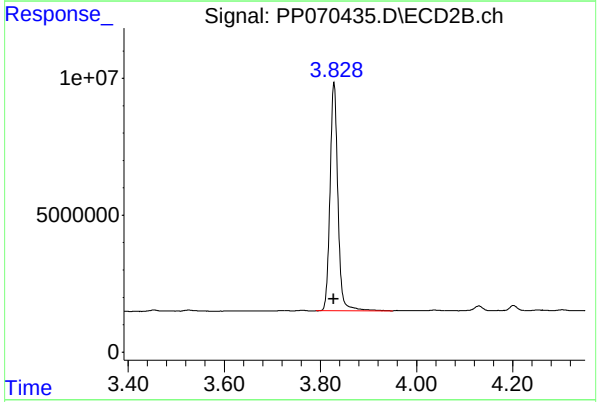




#1 Tetrachloro-m-xylene

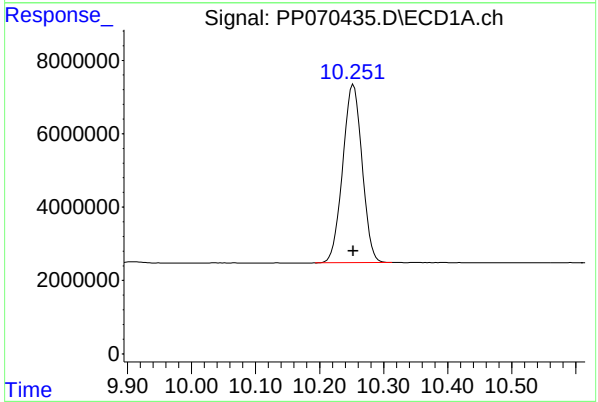
R.T.: 4.525 min
Delta R.T.: 0.001 min
Response: 146436711
Conc: 91.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



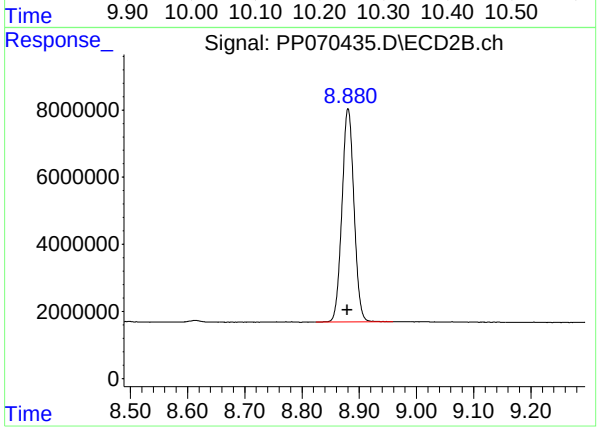
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 94860764
Conc: 91.94 ng/ml



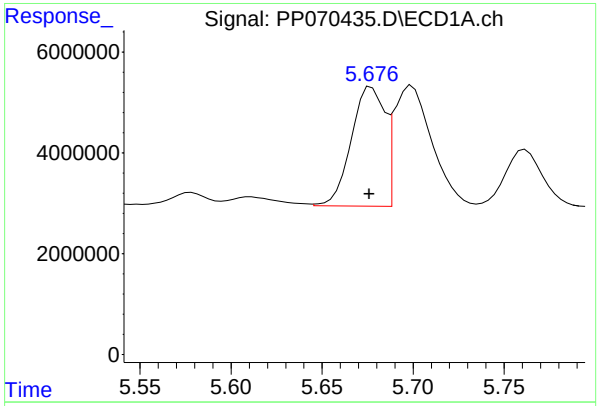
#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: 0.000 min
Response: 101874553
Conc: 91.77 ng/ml



#2 Decachlorobiphenyl

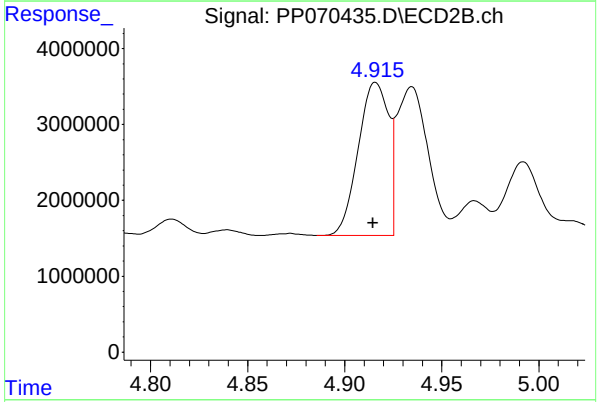
R.T.: 8.881 min
Delta R.T.: 0.001 min
Response: 93329063
Conc: 93.31 ng/ml



#21 AR-1248-1

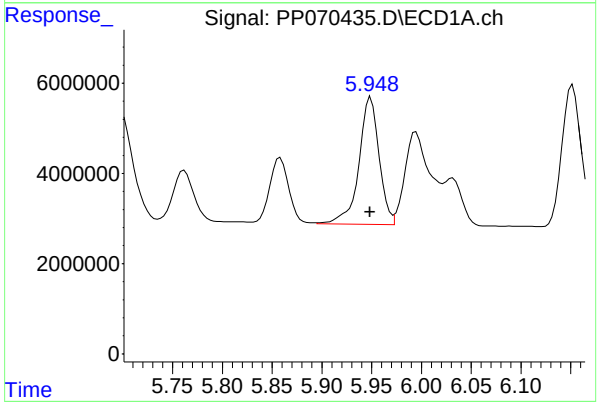
R.T.: 5.677 min
Delta R.T.: 0.001 min
Response: 30241509
Conc: 879.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



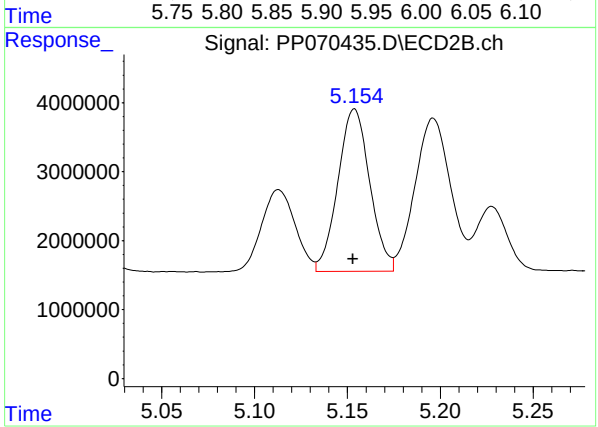
#21 AR-1248-1

R.T.: 4.916 min
Delta R.T.: 0.001 min
Response: 21916865
Conc: 907.98 ng/ml



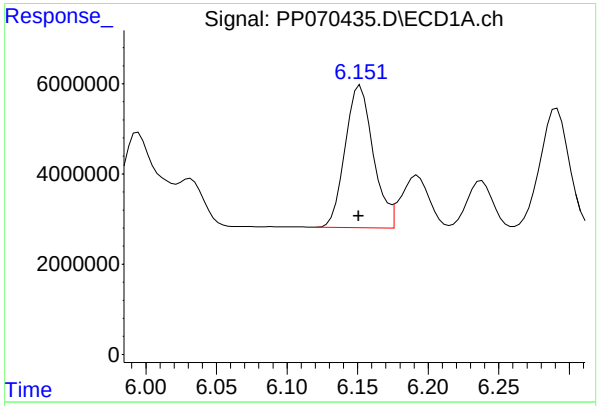
#22 AR-1248-2

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 39839483
Conc: 903.94 ng/ml



#22 AR-1248-2

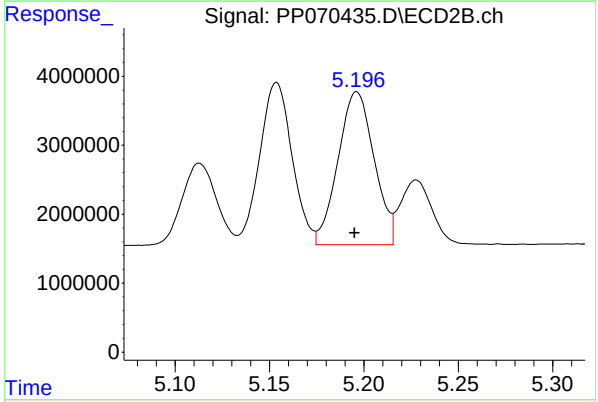
R.T.: 5.154 min
Delta R.T.: 0.000 min
Response: 28154371
Conc: 890.83 ng/ml



#23 AR-1248-3

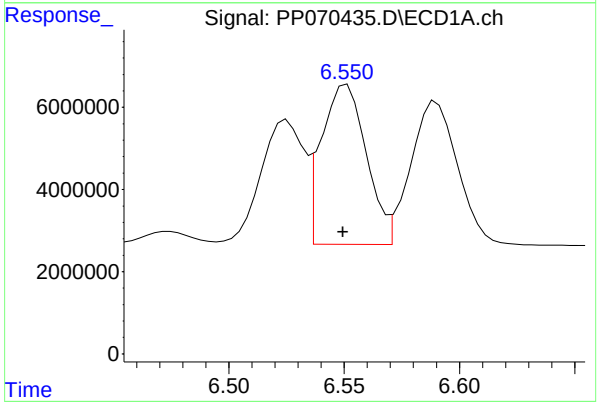
R.T.: 6.152 min
Delta R.T.: 0.001 min
Response: 43671743
Conc: 923.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



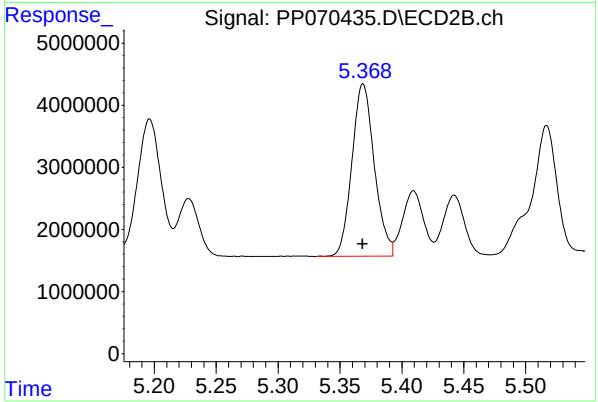
#23 AR-1248-3

R.T.: 5.196 min
Delta R.T.: 0.001 min
Response: 29522180
Conc: 895.85 ng/ml



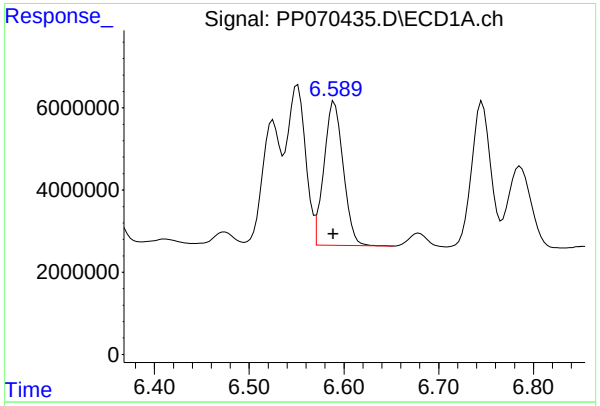
#24 AR-1248-4

R.T.: 6.551 min
Delta R.T.: 0.002 min
Response: 52673121
Conc: 915.30 ng/ml



#24 AR-1248-4

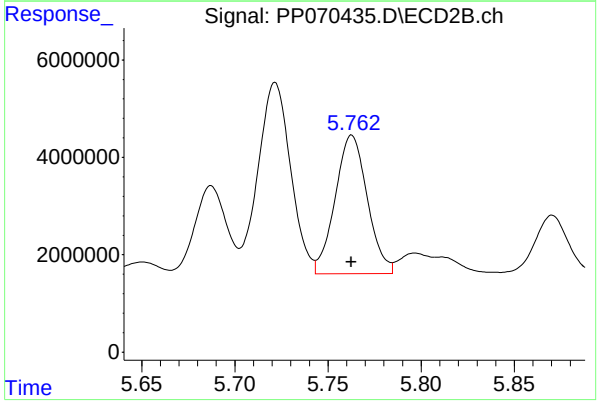
R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 34974296
Conc: 909.81 ng/ml



#25 AR-1248-5

R.T.: 6.590 min
Delta R.T.: 0.001 mi
Response: 49495855
Conc: 911.87 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



#25 AR-1248-5

R.T.: 5.763 min
Delta R.T.: 0.000 min
Response: 34216861
Conc: 888.22 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070436.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 19:50
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:28:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 22:27:44 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...	4.524	3.829	113.2E6	73390816	71.068	71.131
2)	SA Decachlor...	10.251	8.881	79880946	73652526	71.961	73.639
	Target Compounds						
21)	L5 AR-1248-1	5.676	4.916	23877530	16604955	694.689	687.915
22)	L5 AR-1248-2	5.948	5.154	31299442	21860304	710.173	691.676
23)	L5 AR-1248-3	6.151	5.196	34151551	22815999	722.436	692.349
24)	L5 AR-1248-4	6.550	5.369	41100725	26820014	714.205	697.687
25)	L5 AR-1248-5	6.589	5.763	39169453	26657299	721.627	691.988

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

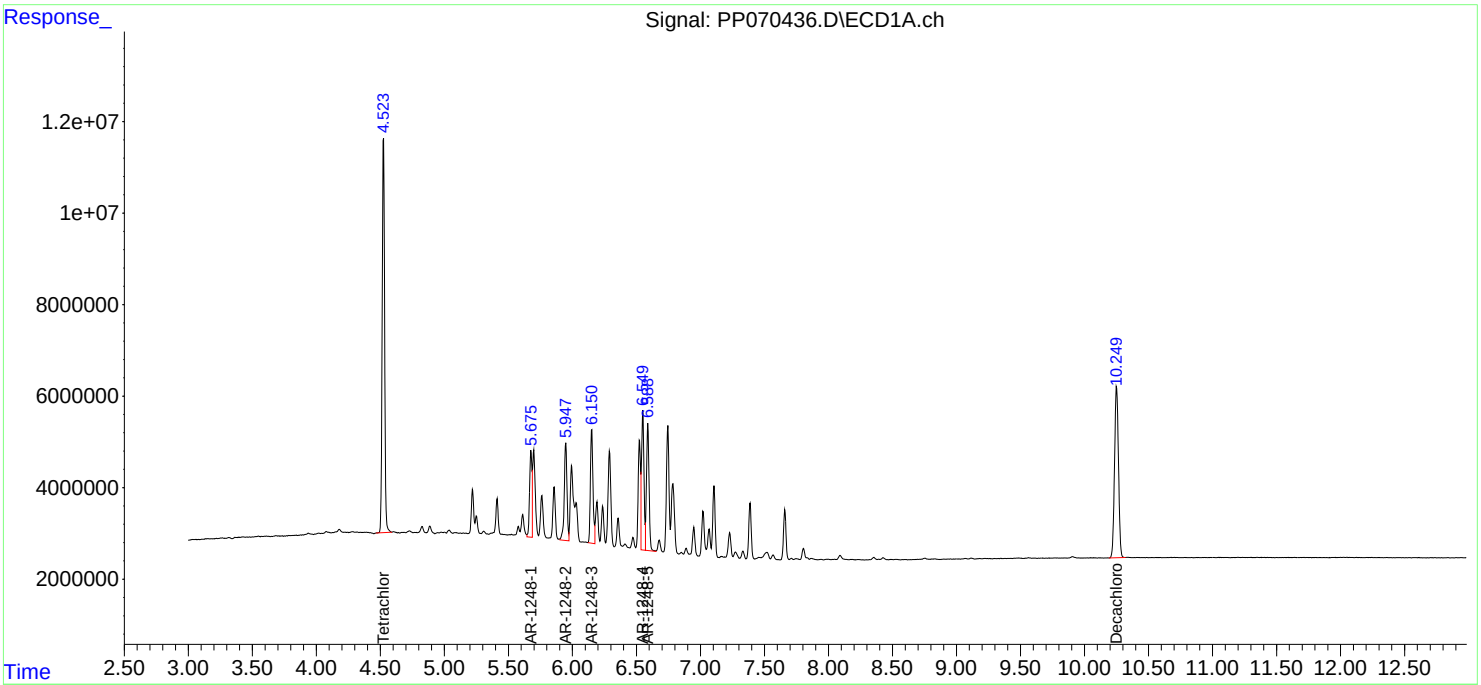
ICAL Form

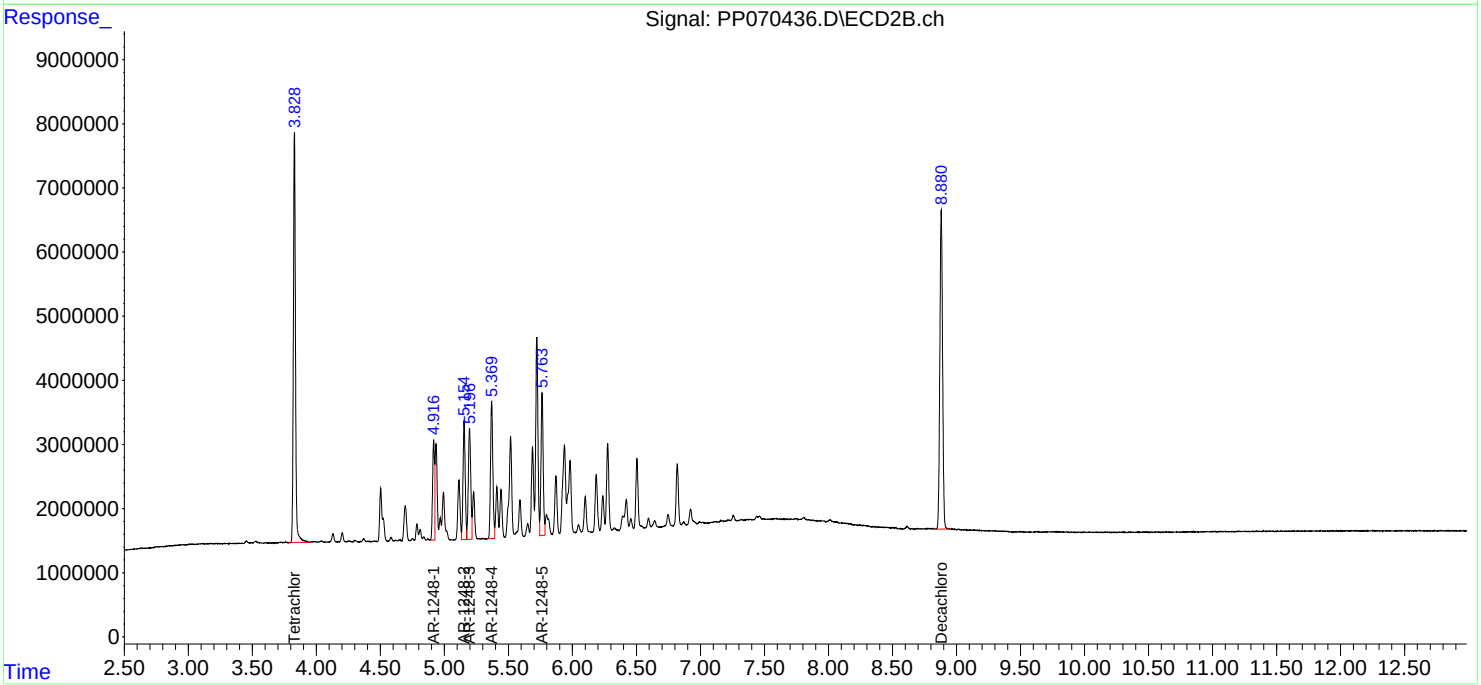
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070436.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 19:50
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 20 Sample Multiplier: 1

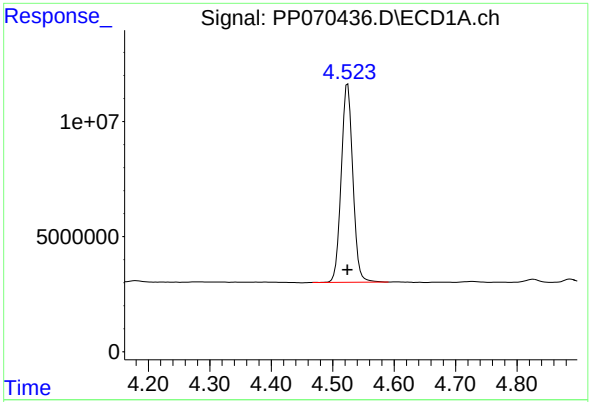
Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:28:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 22:27:44 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



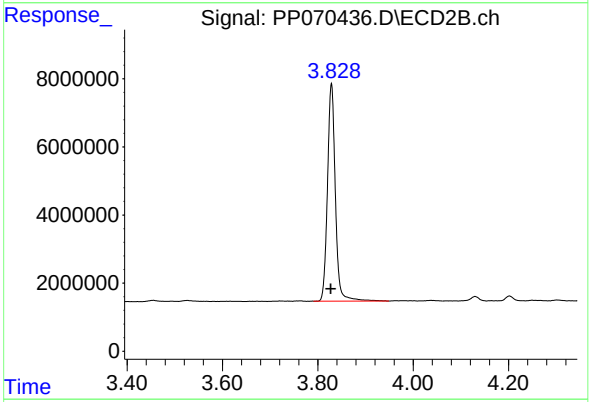




#1 Tetrachloro-m-xylene

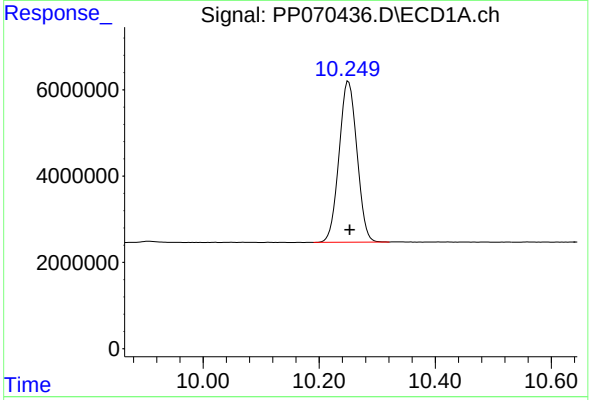
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 113216265
Conc: 71.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



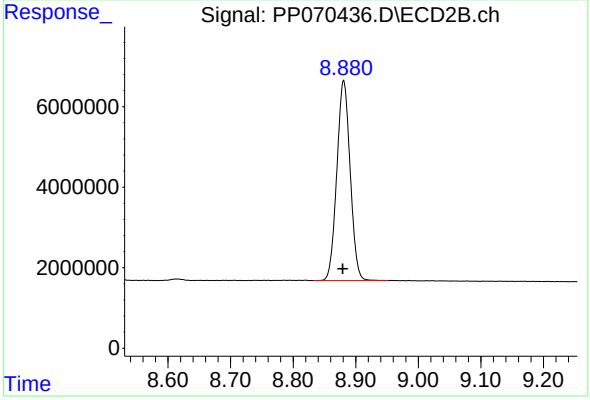
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: 0.001 min
Response: 73390816
Conc: 71.13 ng/ml



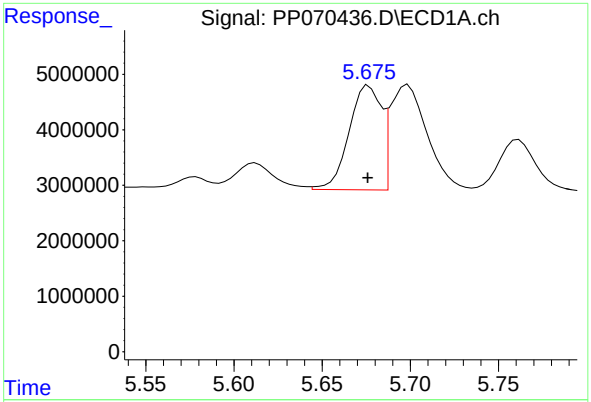
#2 Decachlorobiphenyl

R.T.: 10.251 min
Delta R.T.: -0.002 min
Response: 79880946
Conc: 71.96 ng/ml



#2 Decachlorobiphenyl

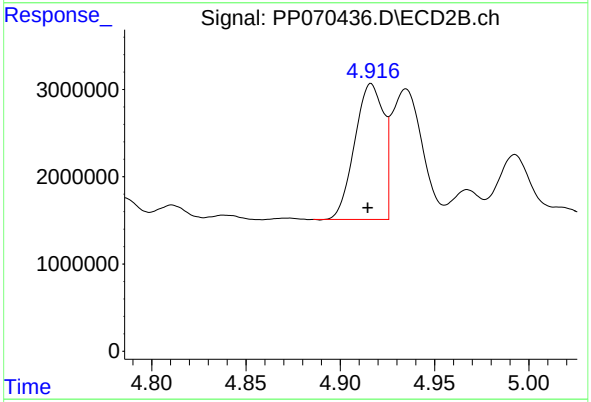
R.T.: 8.881 min
Delta R.T.: 0.001 min
Response: 73652526
Conc: 73.64 ng/ml



#21 AR-1248-1

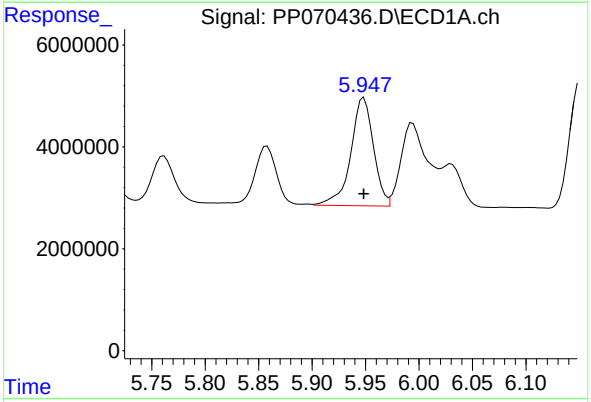
R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 23877530
Conc: 694.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



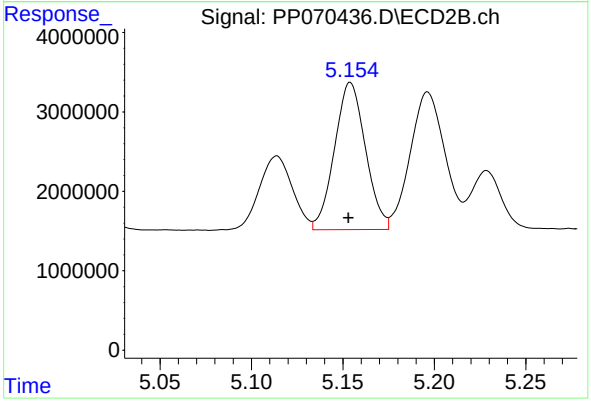
#21 AR-1248-1

R.T.: 4.916 min
Delta R.T.: 0.002 min
Response: 16604955
Conc: 687.91 ng/ml



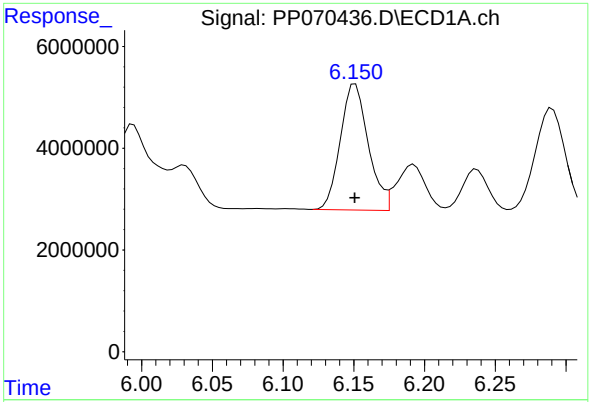
#22 AR-1248-2

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 31299442
Conc: 710.17 ng/ml



#22 AR-1248-2

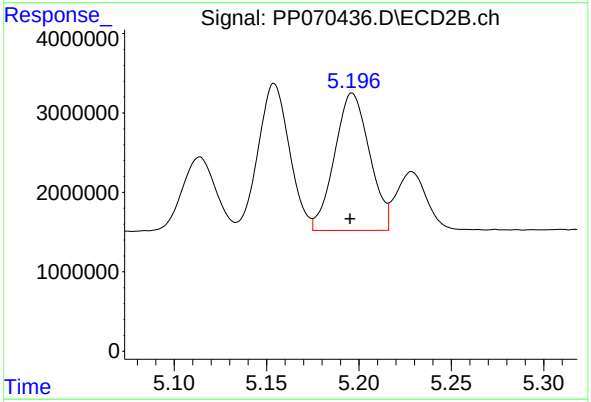
R.T.: 5.154 min
Delta R.T.: 0.001 min
Response: 21860304
Conc: 691.68 ng/ml



#23 AR-1248-3

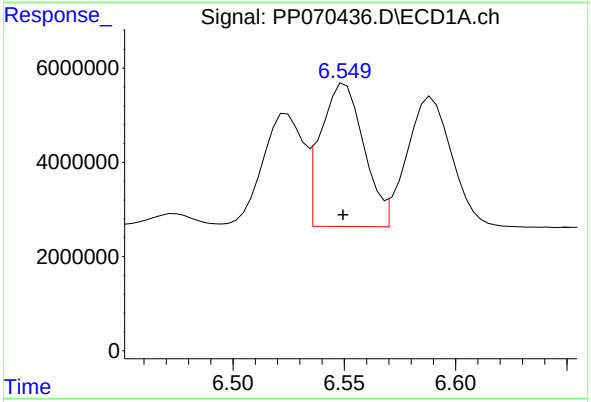
R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 34151551
Conc: 722.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



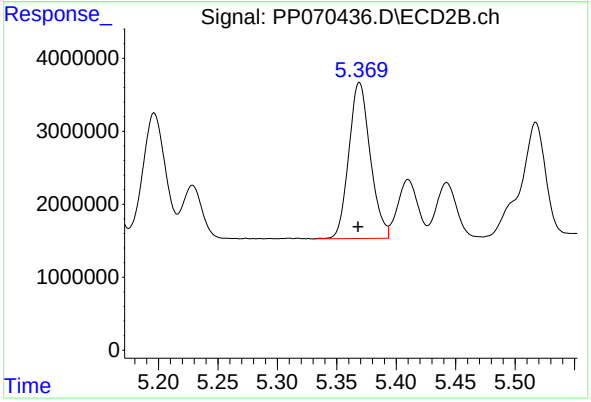
#23 AR-1248-3

R.T.: 5.196 min
Delta R.T.: 0.001 min
Response: 22815999
Conc: 692.35 ng/ml



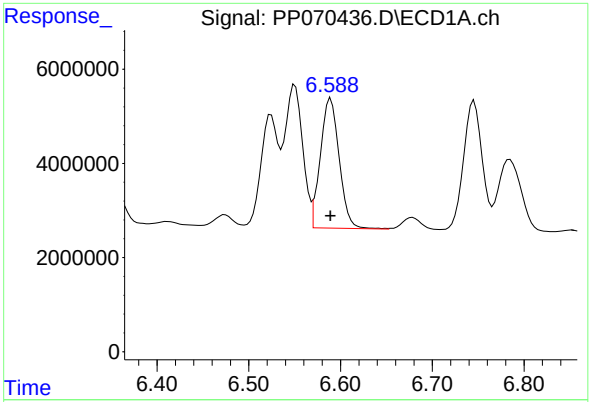
#24 AR-1248-4

R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 41100725
Conc: 714.20 ng/ml



#24 AR-1248-4

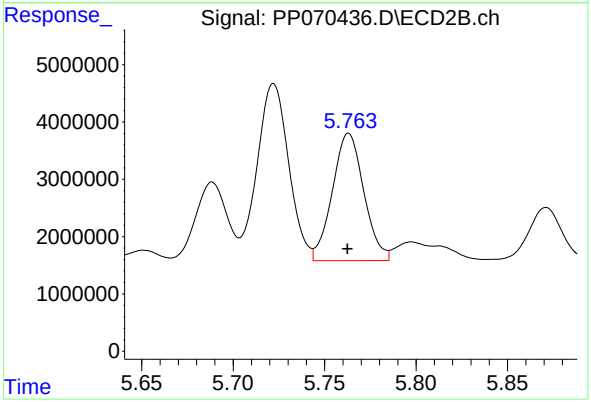
R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 26820014
Conc: 697.69 ng/ml



#25 AR-1248-5

R.T.: 6.589 min
Delta R.T.: 0.000 min
Response: 39169453
Conc: 721.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



#25 AR-1248-5

R.T.: 5.763 min
Delta R.T.: 0.000 min
Response: 26657299
Conc: 691.99 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070437.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 20:06
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:28:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 22:27:44 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...	4.524	3.828	79654020	51588428	50.000	50.000
2)	SA Decachlor...	10.252	8.879	55503319	50009409	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	5.676	4.915	17185780	12069051	500.000	500.000
22)	L5 AR-1248-2	5.948	5.153	22036493	15802407	500.000	500.000
23)	L5 AR-1248-3	6.151	5.195	23636389	16477236	500.000	500.000
24)	L5 AR-1248-4	6.550	5.368	28773776	19220672	500.000	500.000
25)	L5 AR-1248-5	6.589	5.762	27139688	19261400	500.000	500.000

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

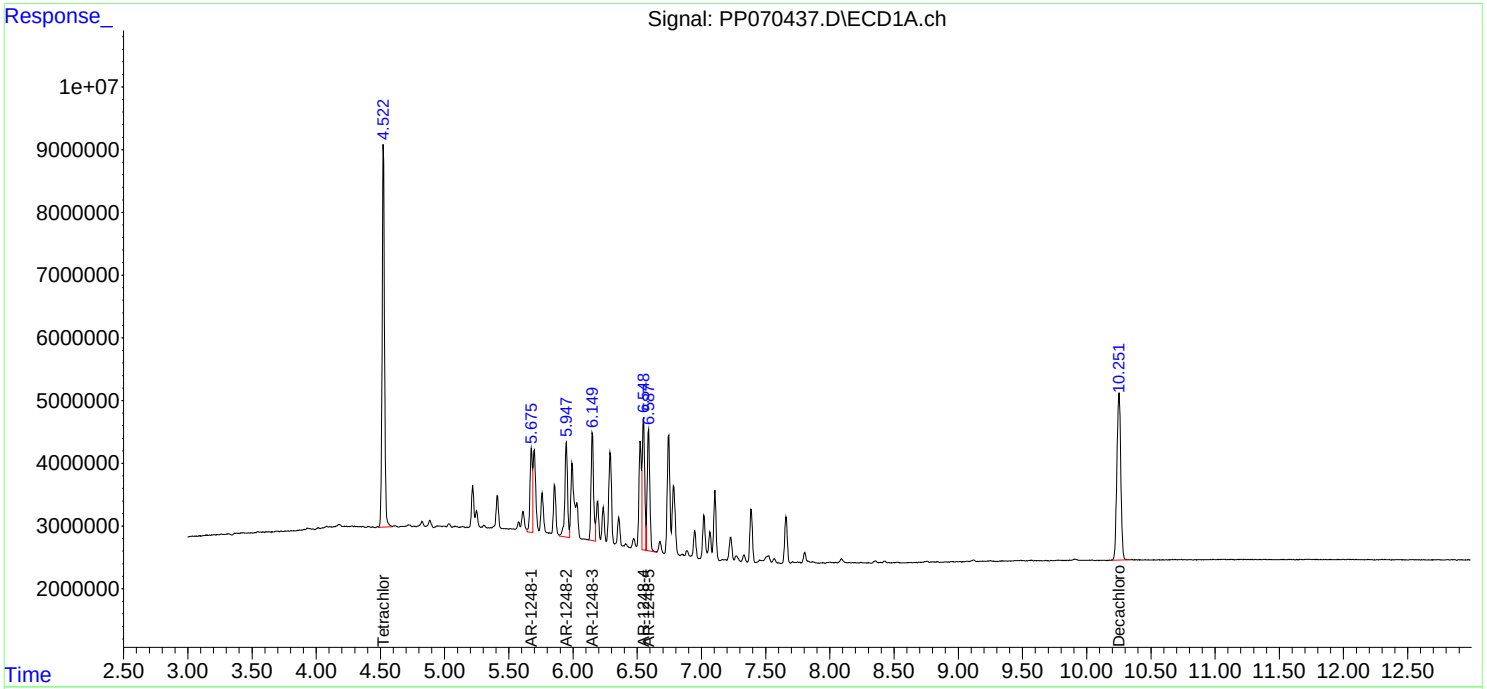
ICAL Form

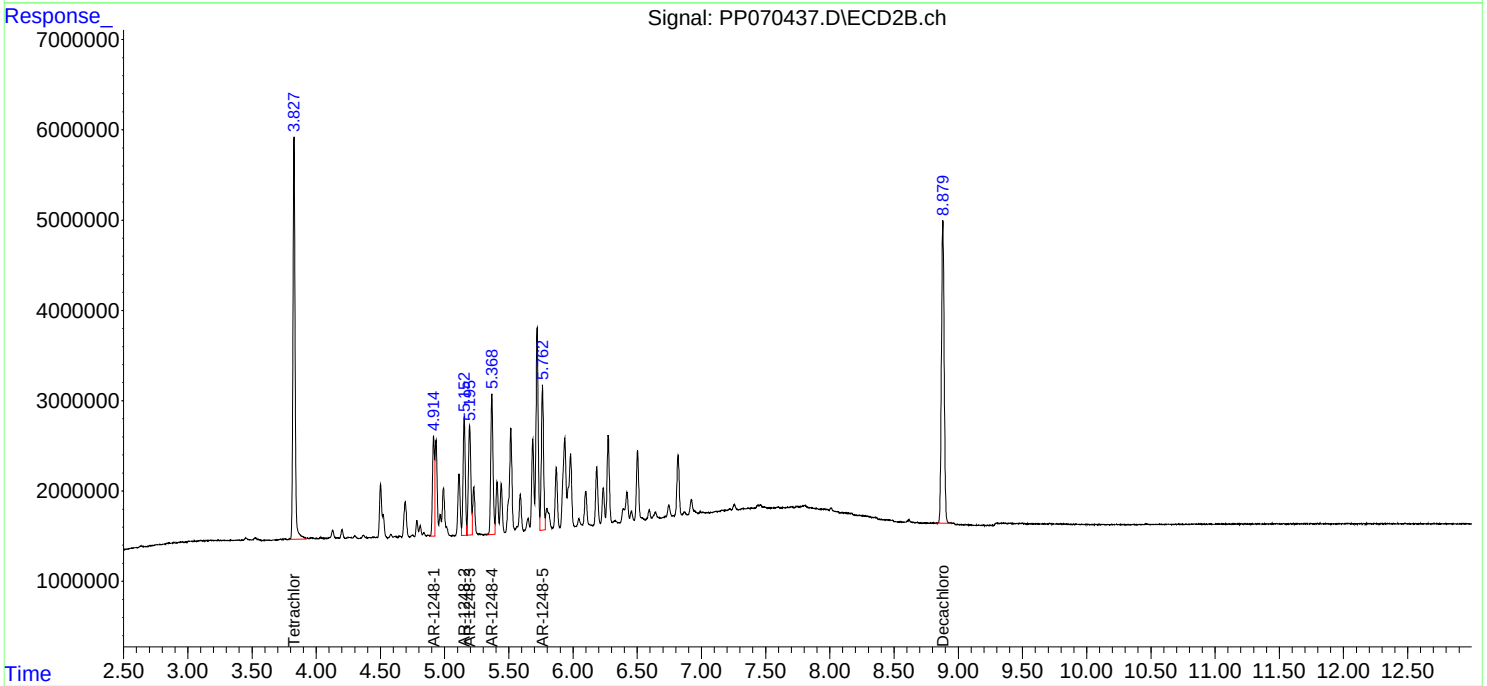
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070437.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 20:06
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 21 Sample Multiplier: 1

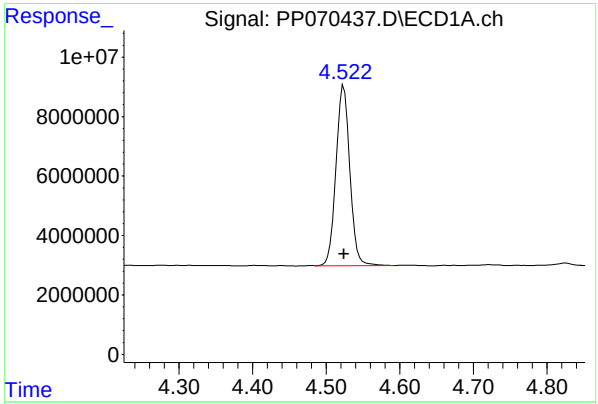
Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:28:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 22:27:44 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



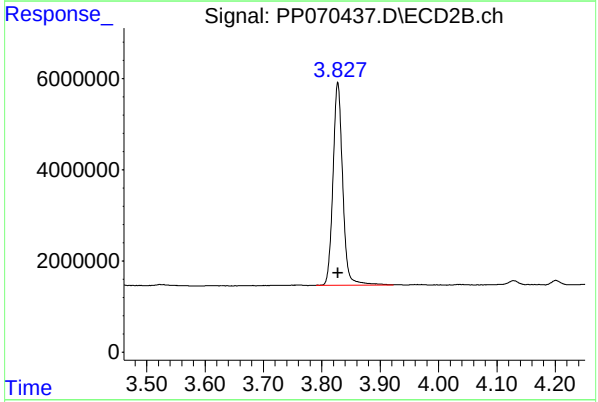




#1 Tetrachloro-m-xylene

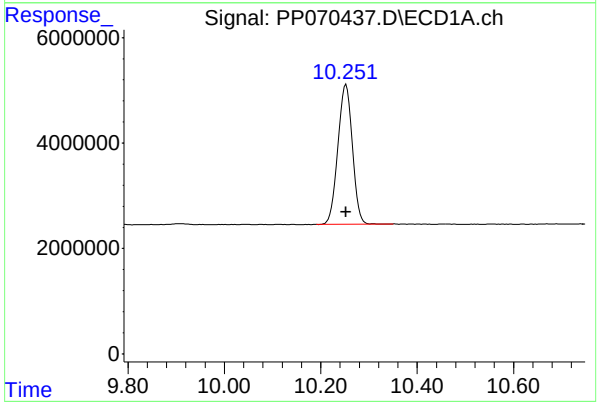
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 79654020
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



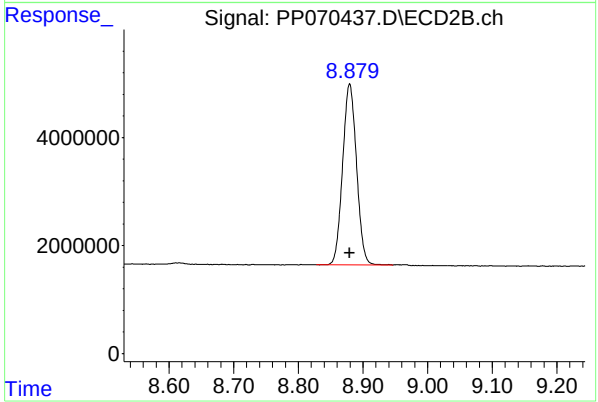
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 51588428
Conc: 50.00 ng/ml



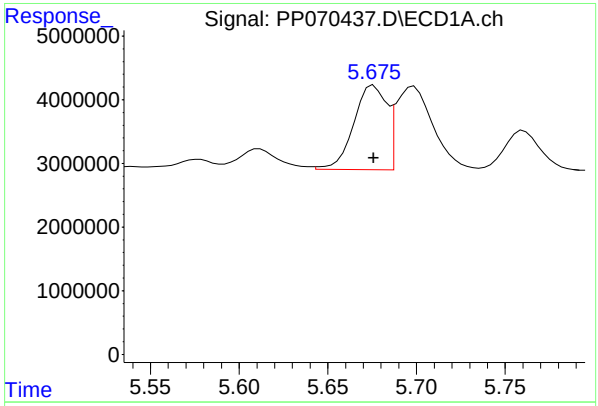
#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: 0.000 min
Response: 55503319
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

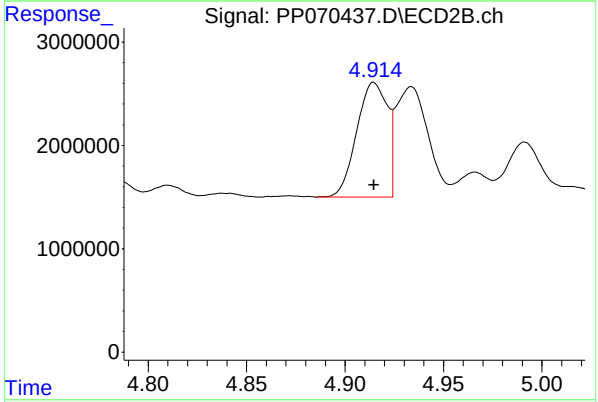
R.T.: 8.879 min
Delta R.T.: 0.000 min
Response: 50009409
Conc: 50.00 ng/ml



#21 AR-1248-1

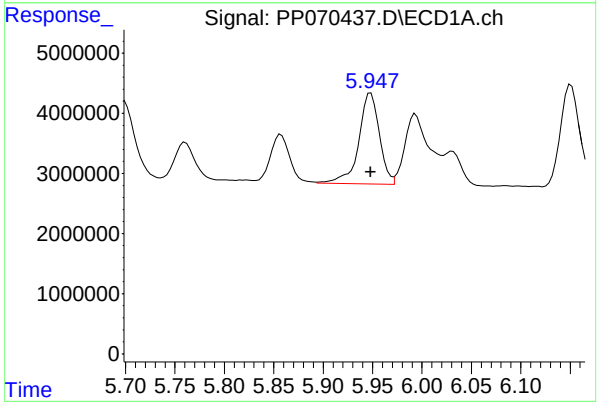
R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 17185780
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



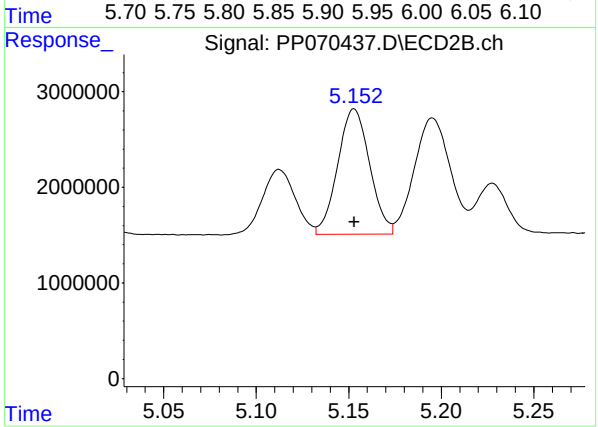
#21 AR-1248-1

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 12069051
Conc: 500.00 ng/ml



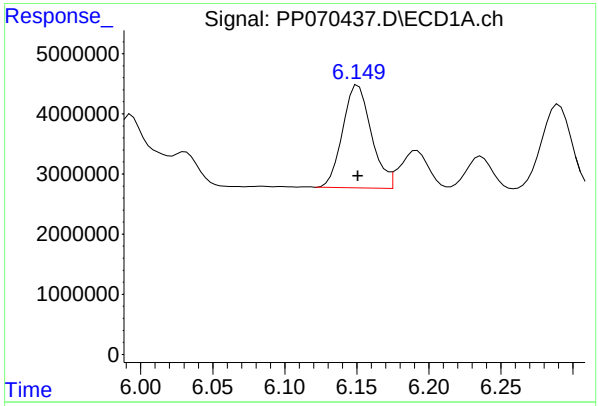
#22 AR-1248-2

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 22036493
Conc: 500.00 ng/ml



#22 AR-1248-2

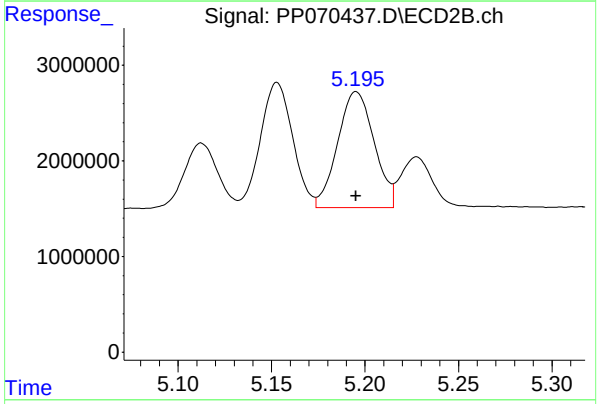
R.T.: 5.153 min
Delta R.T.: 0.000 min
Response: 15802407
Conc: 500.00 ng/ml



#23 AR-1248-3

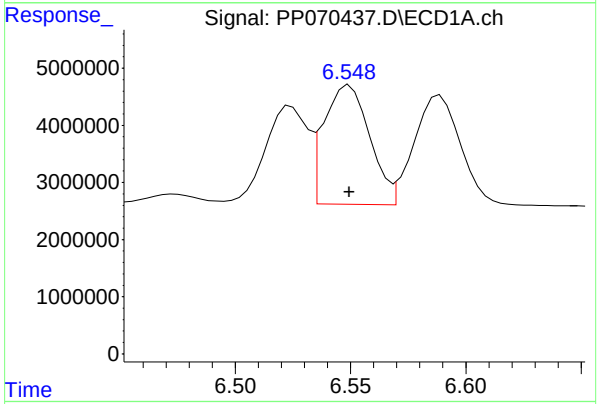
R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 23636389
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



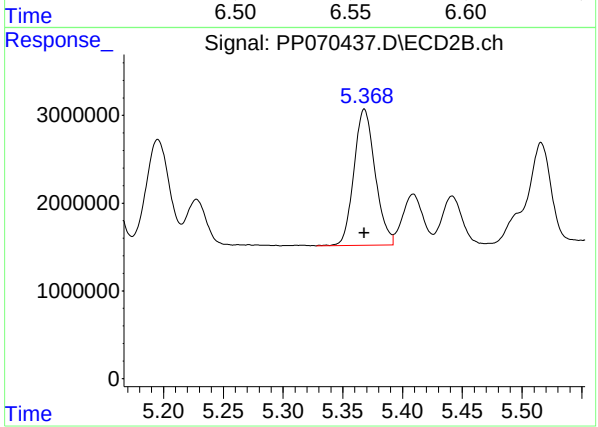
#23 AR-1248-3

R.T.: 5.195 min
Delta R.T.: 0.000 min
Response: 16477236
Conc: 500.00 ng/ml



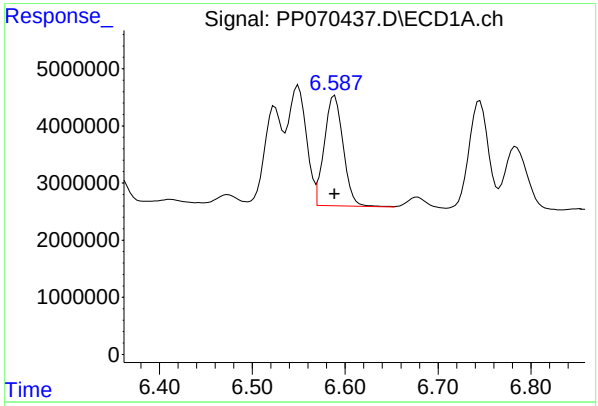
#24 AR-1248-4

R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 28773776
Conc: 500.00 ng/ml



#24 AR-1248-4

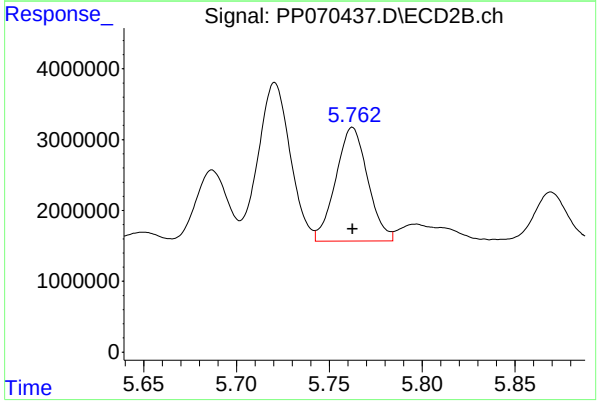
R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 19220672
Conc: 500.00 ng/ml



#25 AR-1248-5

R.T.: 6.589 min
Delta R.T.: 0.000 mi
Response: 27139688
Conc: 500.00 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



#25 AR-1248-5

R.T.: 5.762 min
Delta R.T.: 0.000 min
Response: 19261400
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070438.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 20:22
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:29:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 22:27:44 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...	4.524	3.828	41374738	26771120	25.972	25.947
2)	SA Decachlor...	10.251	8.880	29104206	26702465	26.218	26.697
	Target Compounds						
21)	L5 AR-1248-1	5.676	4.915	9469927	6320408	275.516	261.844
22)	L5 AR-1248-2	5.948	5.154	11796932	8326683	267.668	263.462
23)	L5 AR-1248-3	6.151	5.196	12207368	8590669	258.233	260.683
24)	L5 AR-1248-4	6.550	5.369	15337045	10215741	266.511	265.749
25)	L5 AR-1248-5	6.589	5.762	14358955	10127337	264.538	262.892

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

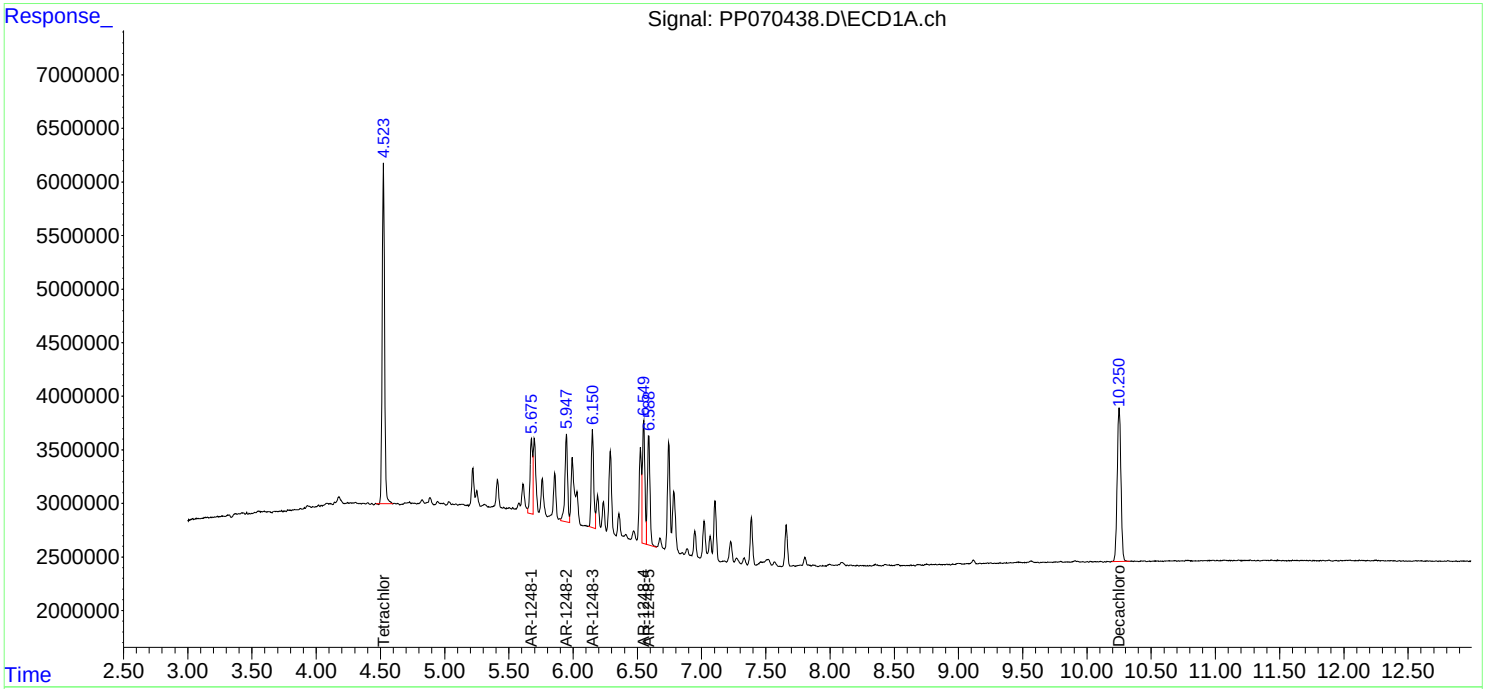
ICAL Form

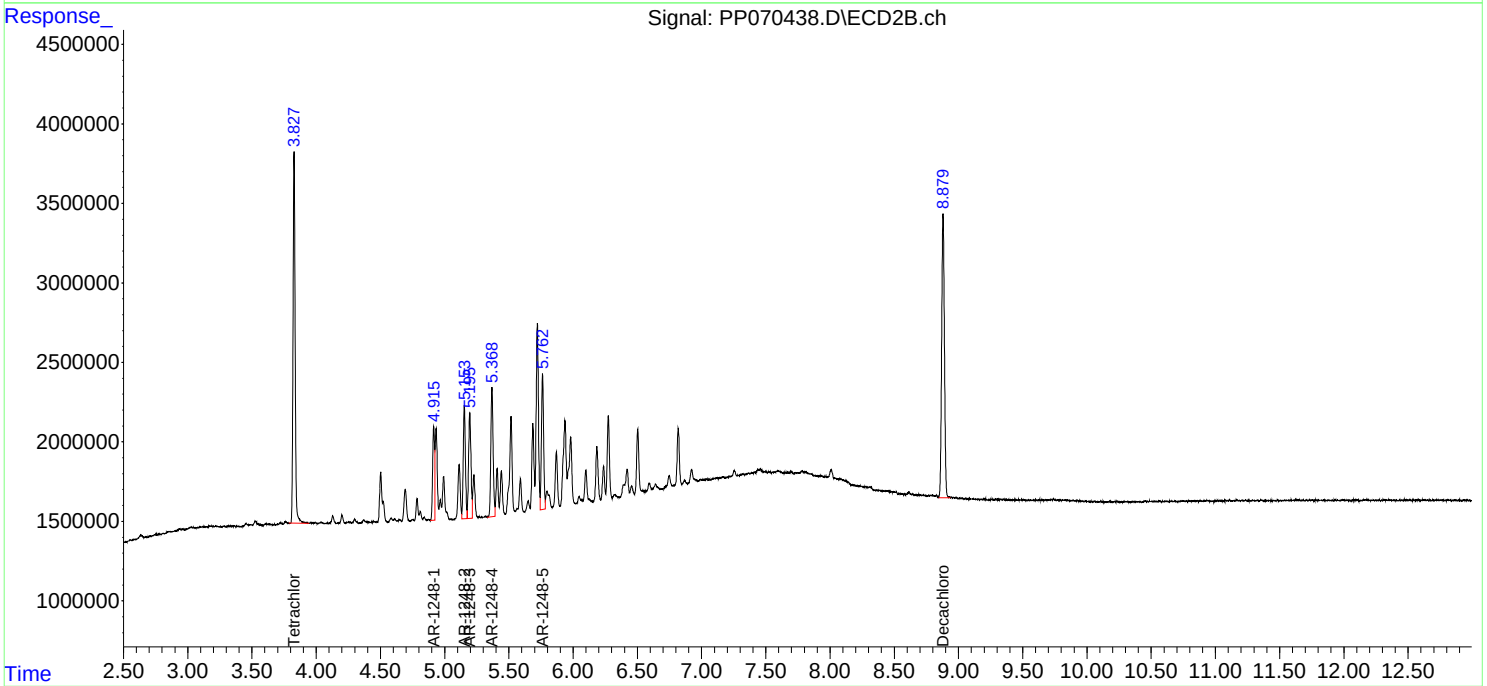
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070438.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 20:22
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 22 Sample Multiplier: 1

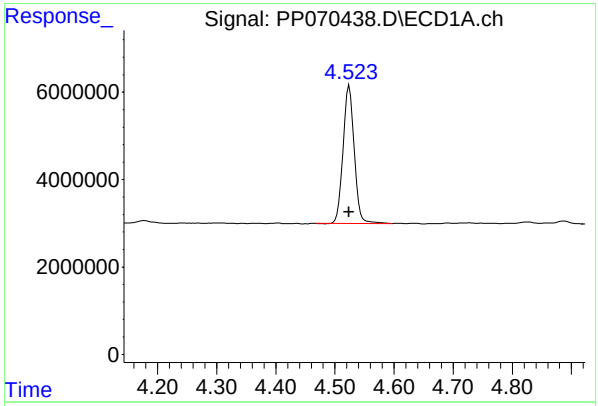
Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:29:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 22:27:44 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



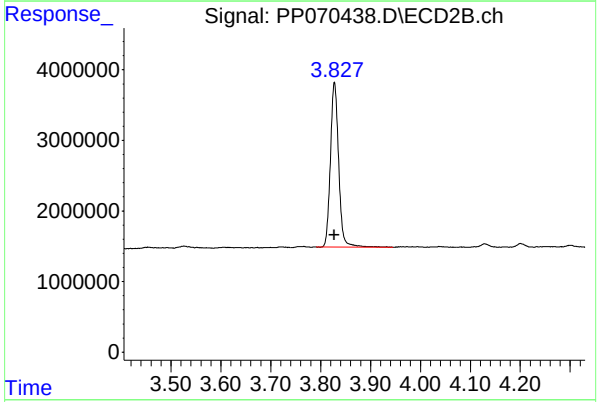




#1 Tetrachloro-m-xylene

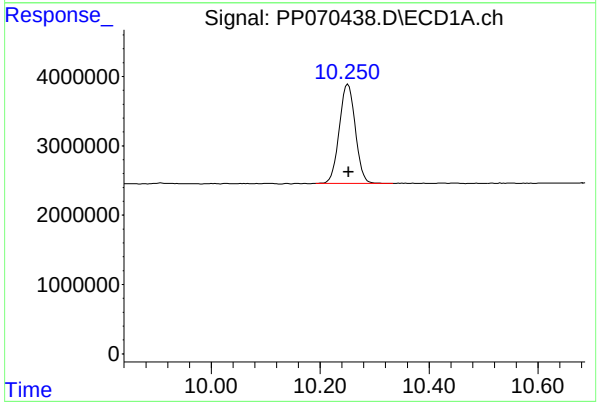
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 41374738
Conc: 25.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



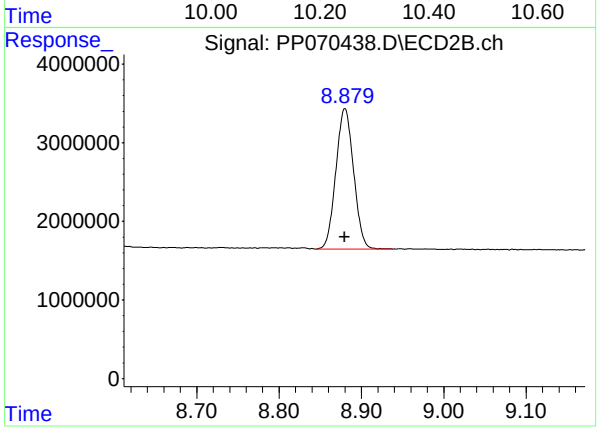
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 26771120
Conc: 25.95 ng/ml



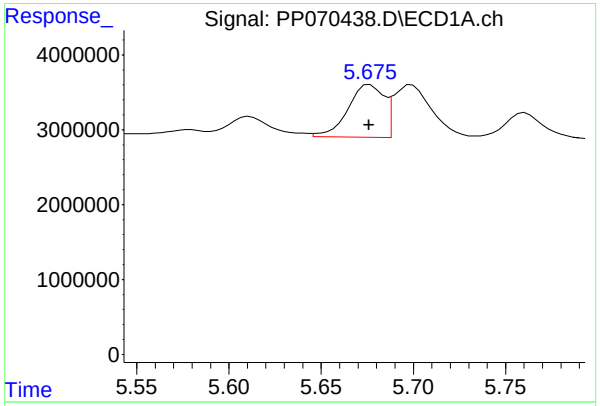
#2 Decachlorobiphenyl

R.T.: 10.251 min
Delta R.T.: -0.001 min
Response: 29104206
Conc: 26.22 ng/ml



#2 Decachlorobiphenyl

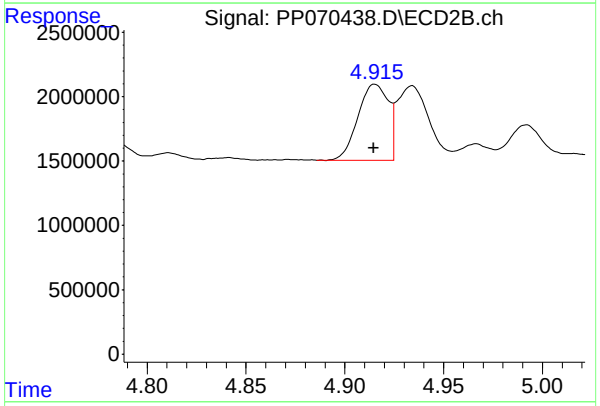
R.T.: 8.880 min
Delta R.T.: 0.000 min
Response: 26702465
Conc: 26.70 ng/ml



#21 AR-1248-1

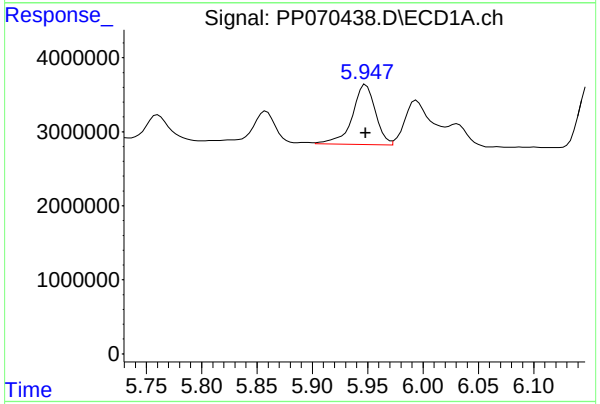
R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 9469927
Conc: 275.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



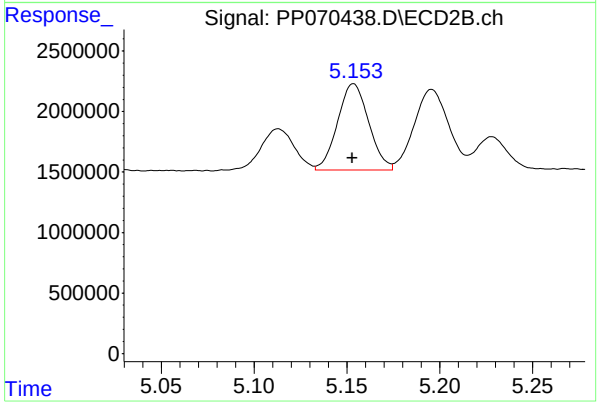
#21 AR-1248-1

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 6320408
Conc: 261.84 ng/ml



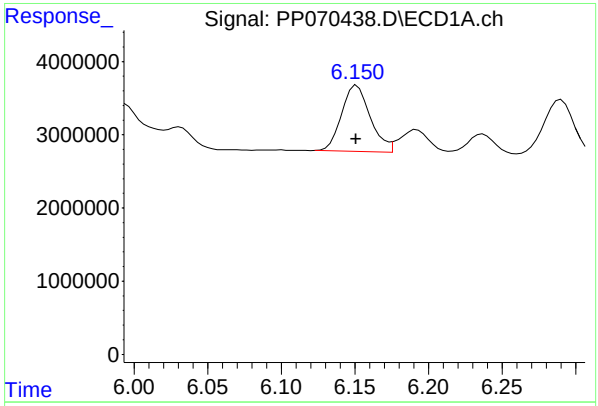
#22 AR-1248-2

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 11796932
Conc: 267.67 ng/ml



#22 AR-1248-2

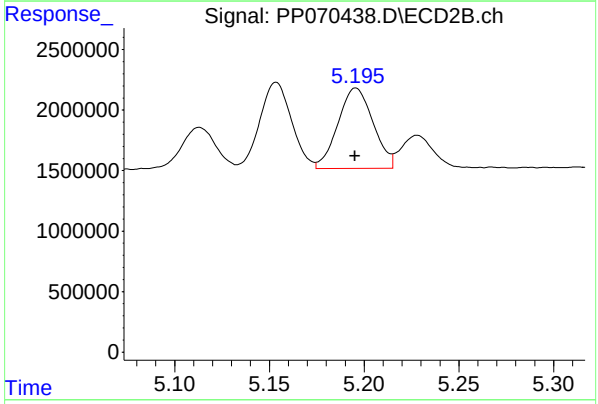
R.T.: 5.154 min
Delta R.T.: 0.000 min
Response: 8326683
Conc: 263.46 ng/ml



#23 AR-1248-3

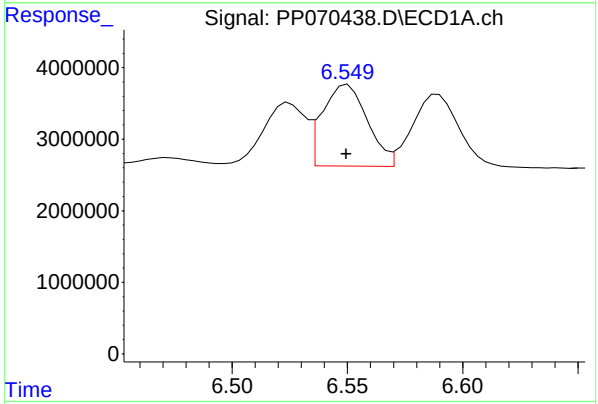
R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 12207368
Conc: 258.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



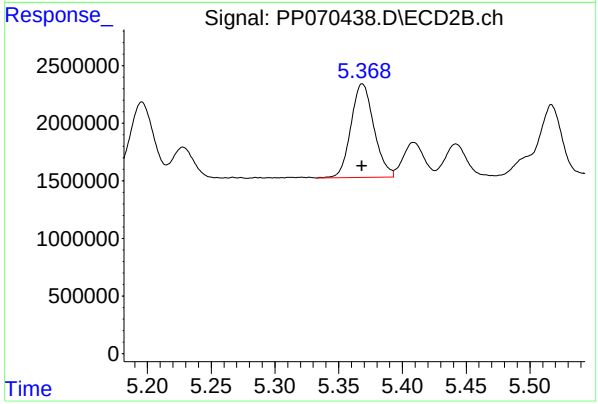
#23 AR-1248-3

R.T.: 5.196 min
Delta R.T.: 0.000 min
Response: 8590669
Conc: 260.68 ng/ml



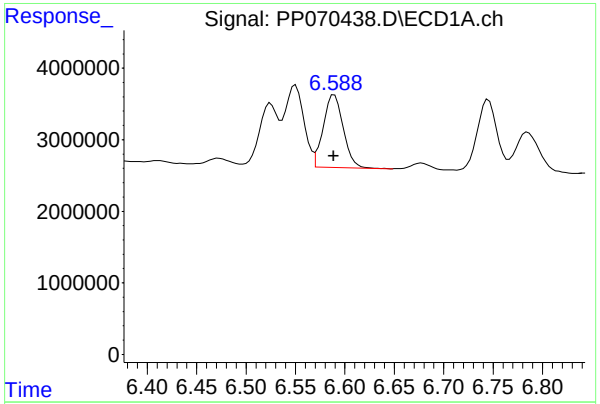
#24 AR-1248-4

R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 15337045
Conc: 266.51 ng/ml



#24 AR-1248-4

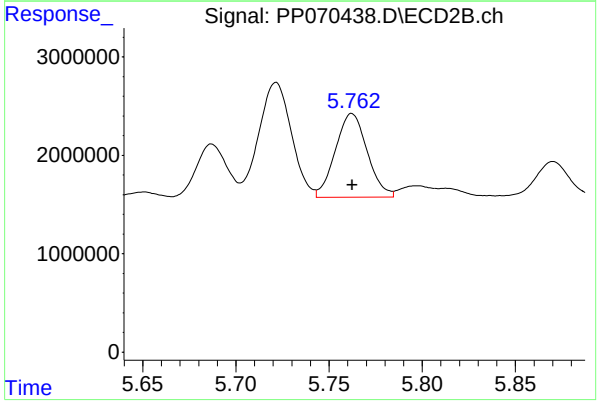
R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 10215741
Conc: 265.75 ng/ml



#25 AR-1248-5

R.T.: 6.589 min
Delta R.T.: 0.000 mi
Response: 14358955
Conc: 264.54 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



#25 AR-1248-5

R.T.: 5.762 min
Delta R.T.: 0.000 min
Response: 10127337
Conc: 262.89 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070439.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 20:39
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:29:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 22:27:44 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...	4.524	3.828	8186392	5340424	5.139	5.176
2)	SA Decachlor...	10.252	8.879	5222131	5077972	4.704	5.077
	Target Compounds						
21)	L5 AR-1248-1	5.675	4.916	1822515	1195056	53.024m	49.509
22)	L5 AR-1248-2	5.946	5.154	1970177	1715212	44.703m	54.271
23)	L5 AR-1248-3	6.152	5.195	2271691	1567360	48.055	47.561
24)	L5 AR-1248-4	6.551	5.368	3179324	2241362	55.247	58.306
25)	L5 AR-1248-5	6.588	5.762	2749990	2082066	50.664	54.048

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070439.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 20:39
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 23 Sample Multiplier: 1

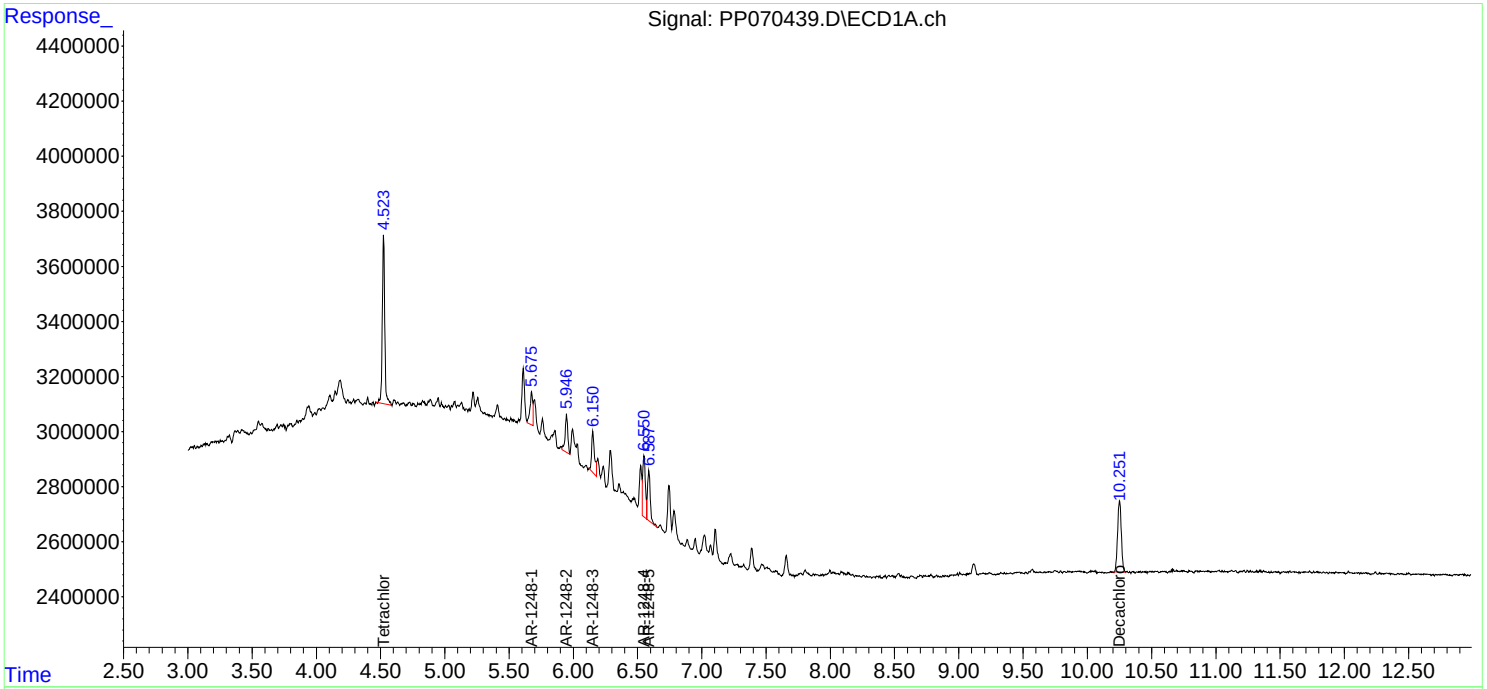
Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

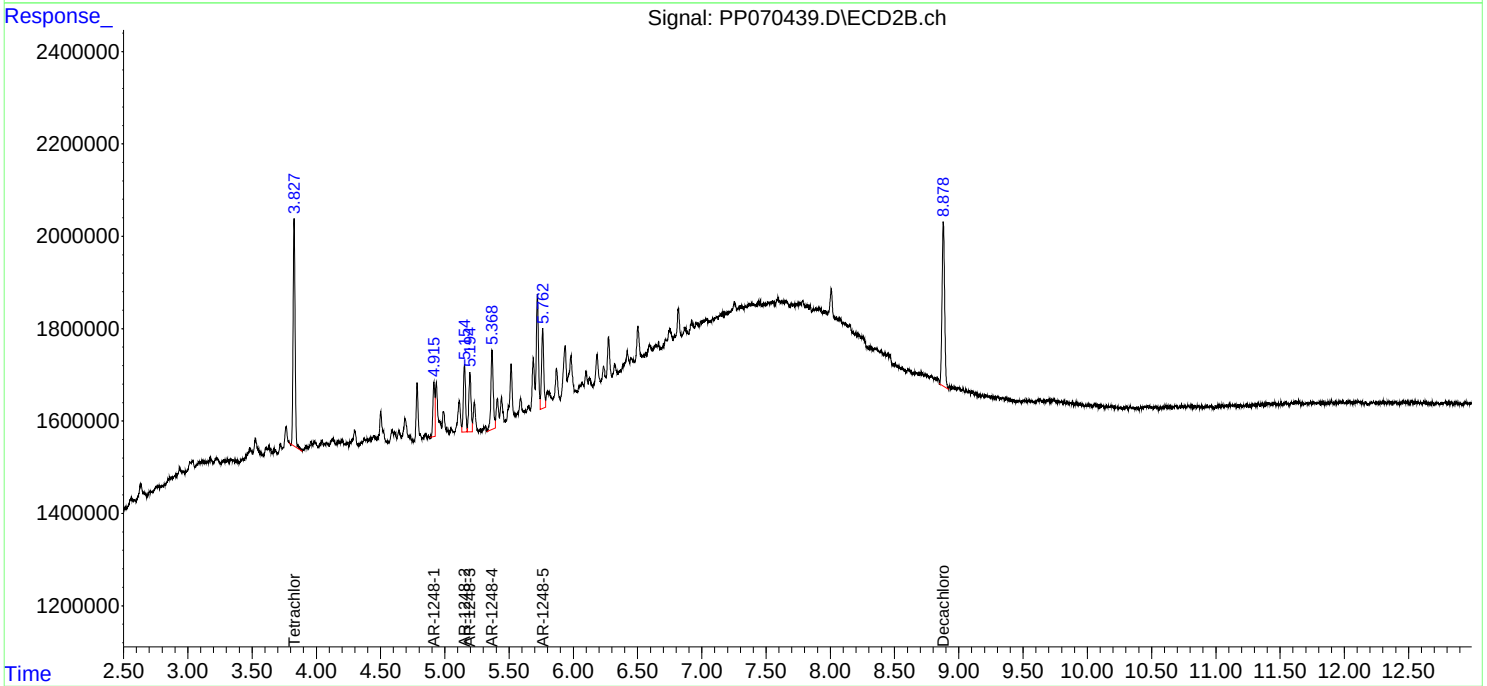
Manual Integrations APPROVED

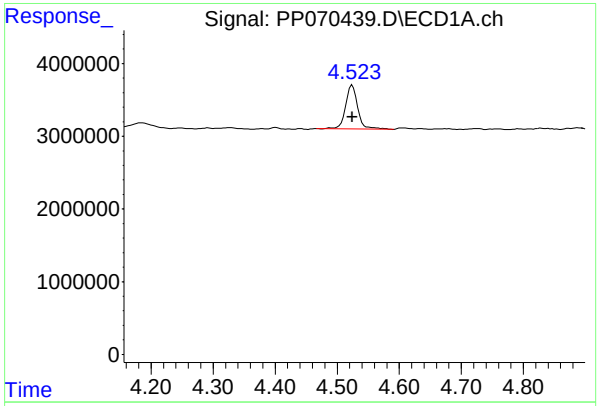
Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:29:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 22:27:44 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







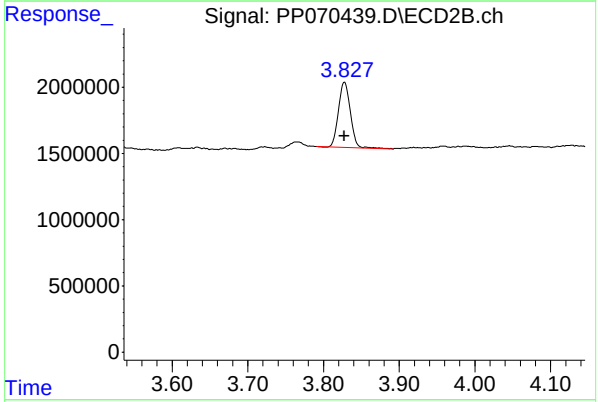
#1 Tetrachloro-m-xylene

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 8186392
Conc: 5.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

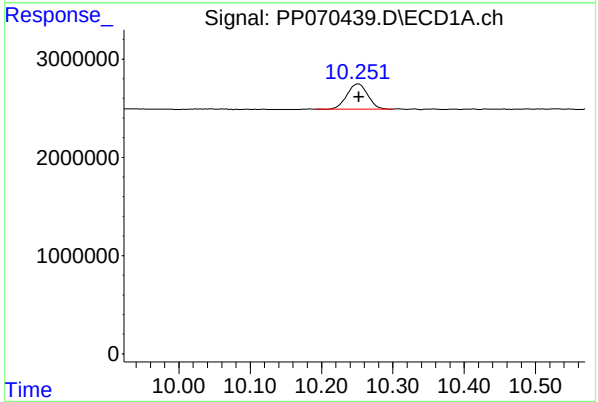
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



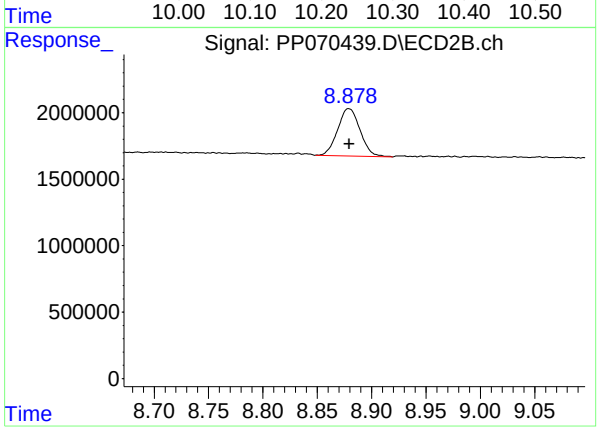
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 5340424
Conc: 5.18 ng/ml



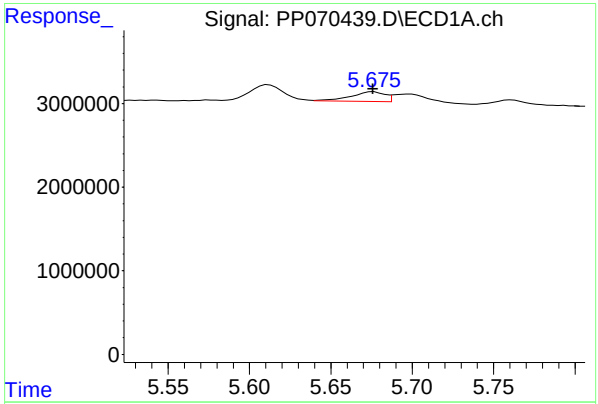
#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: 0.000 min
Response: 5222131
Conc: 4.70 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.879 min
Delta R.T.: 0.000 min
Response: 5077972
Conc: 5.08 ng/ml



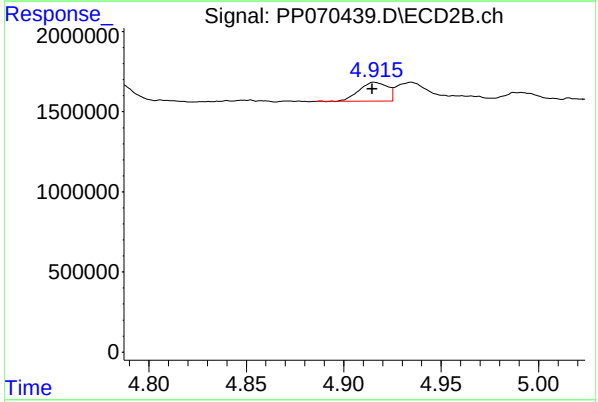
#21 AR-1248-1

R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 1822515
Conc: 53.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

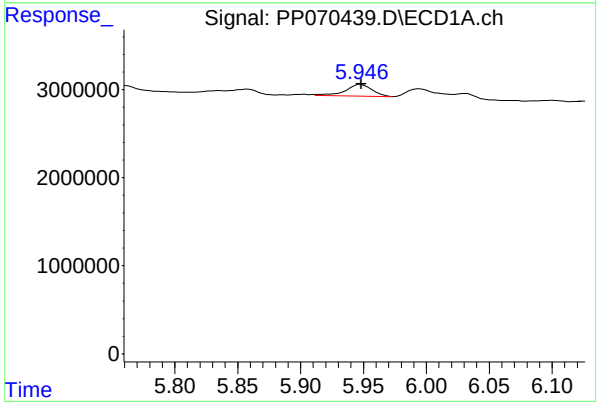
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



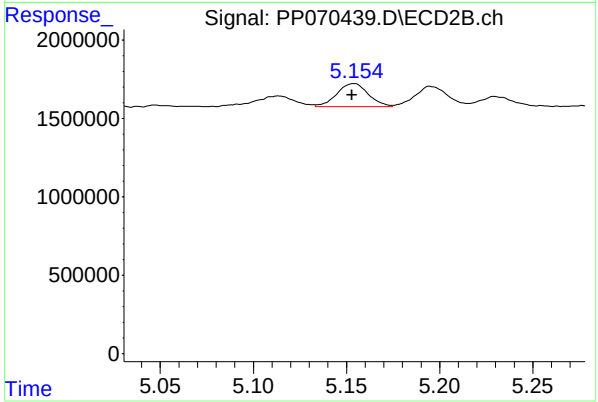
#21 AR-1248-1

R.T.: 4.916 min
Delta R.T.: 0.001 min
Response: 1195056
Conc: 49.51 ng/ml



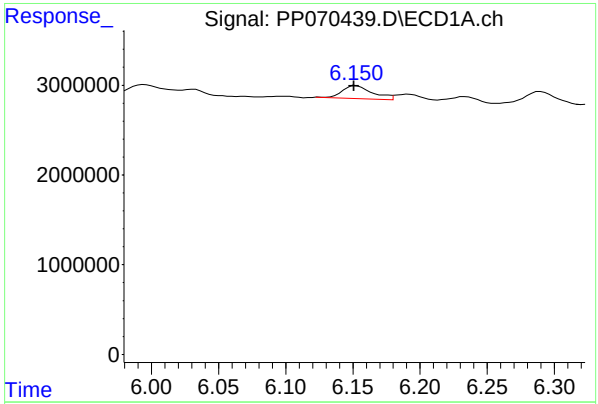
#22 AR-1248-2

R.T.: 5.946 min
Delta R.T.: -0.002 min
Response: 1970177
Conc: 44.70 ng/ml m



#22 AR-1248-2

R.T.: 5.154 min
Delta R.T.: 0.000 min
Response: 1715212
Conc: 54.27 ng/ml



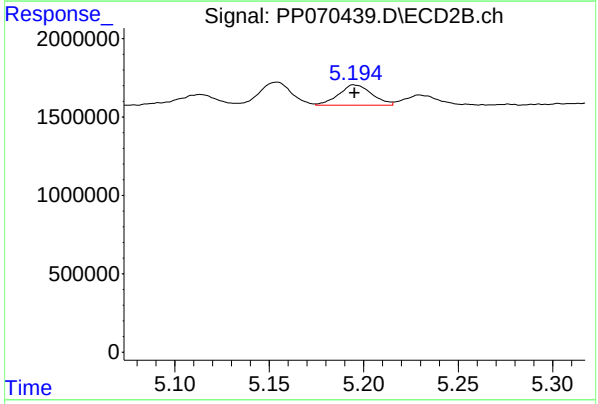
#23 AR-1248-3

R.T.: 6.152 min
Delta R.T.: 0.001 min
Response: 2271691
Conc: 48.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

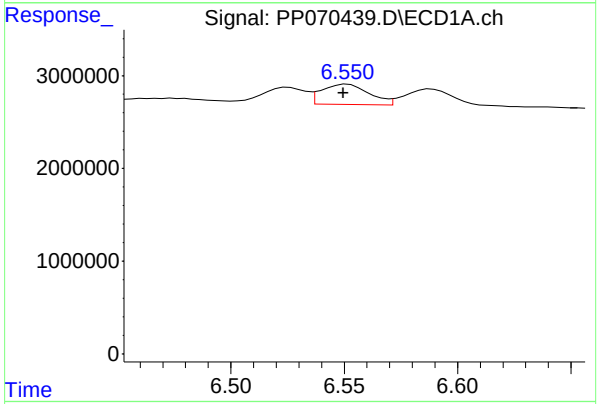
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



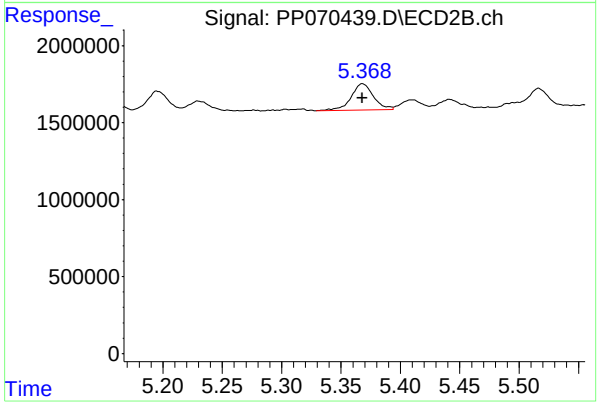
#23 AR-1248-3

R.T.: 5.195 min
Delta R.T.: 0.000 min
Response: 1567360
Conc: 47.56 ng/ml



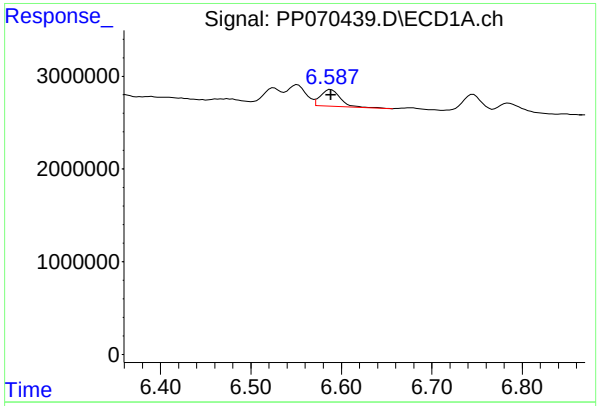
#24 AR-1248-4

R.T.: 6.551 min
Delta R.T.: 0.002 min
Response: 3179324
Conc: 55.25 ng/ml



#24 AR-1248-4

R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 2241362
Conc: 58.31 ng/ml



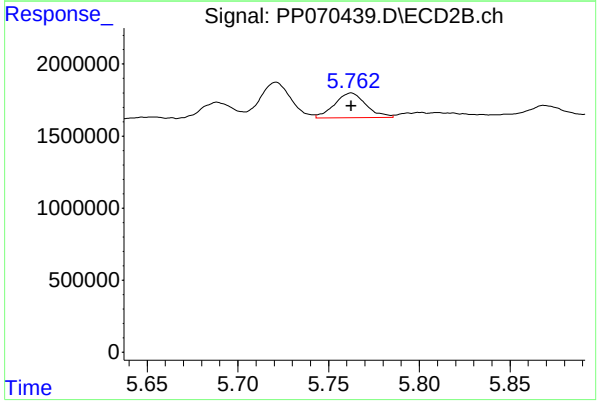
#25 AR-1248-5

R.T.: 6.588 min
Delta R.T.: 0.000 min
Response: 2749990
Conc: 50.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



#25 AR-1248-5

R.T.: 5.762 min
Delta R.T.: 0.000 min
Response: 2082066
Conc: 54.05 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070440.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 20:55
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:42:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 22:41:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.525	3.828	149.1E6	96720518	93.390	94.825
2)	SA Decachlor...	10.251	8.879	105.2E6	96618792	92.933	88.886
	Target Compounds						
26)	L6 AR-1254-1	6.527	5.722	52191144	49741488	893.548	880.090
27)	L6 AR-1254-2	6.743	5.870	76163232	43195538	909.453	890.167
28)	L6 AR-1254-3	7.106	6.275	78867294	69004581	913.417	911.168
29)	L6 AR-1254-4	7.389	6.503	65665428	48529875	916.687	908.500
30)	L6 AR-1254-5	7.806	6.922	65604720	63254548	923.372	917.897

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

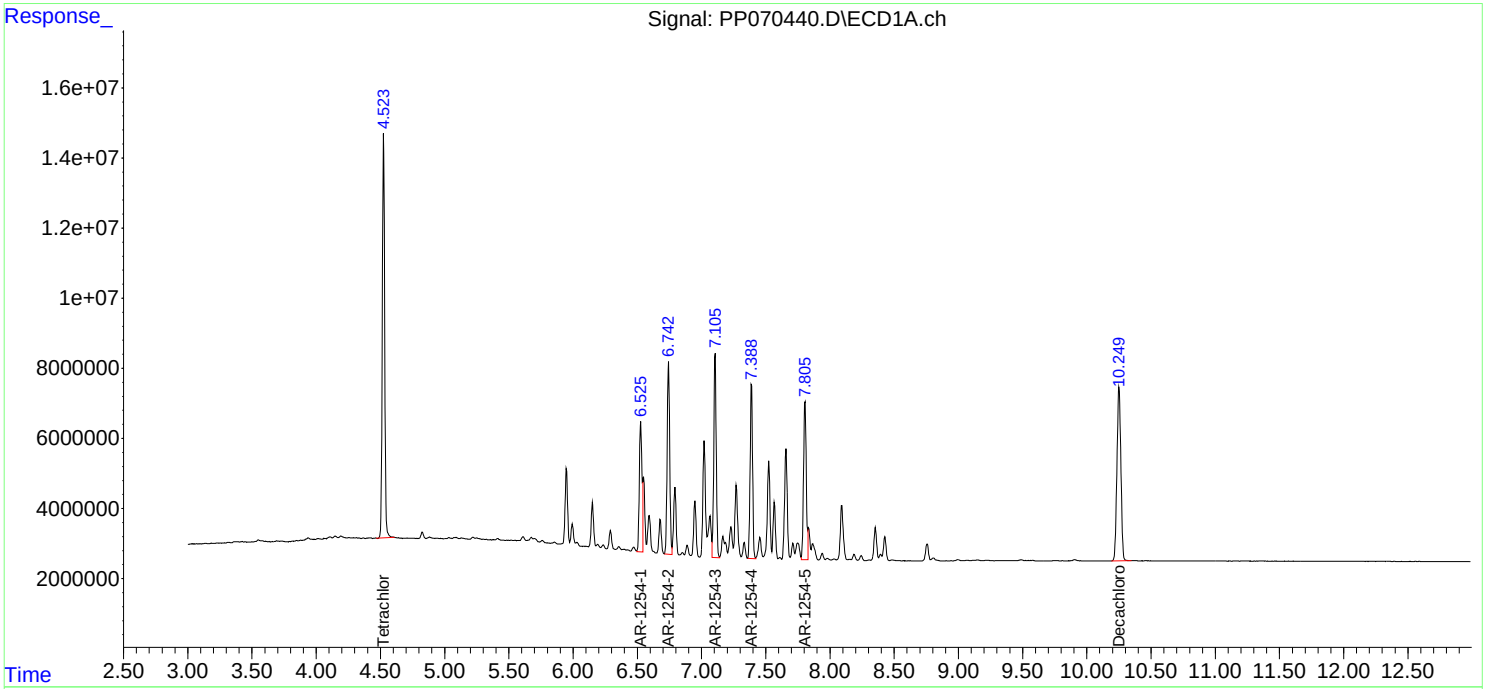
ICAL Form

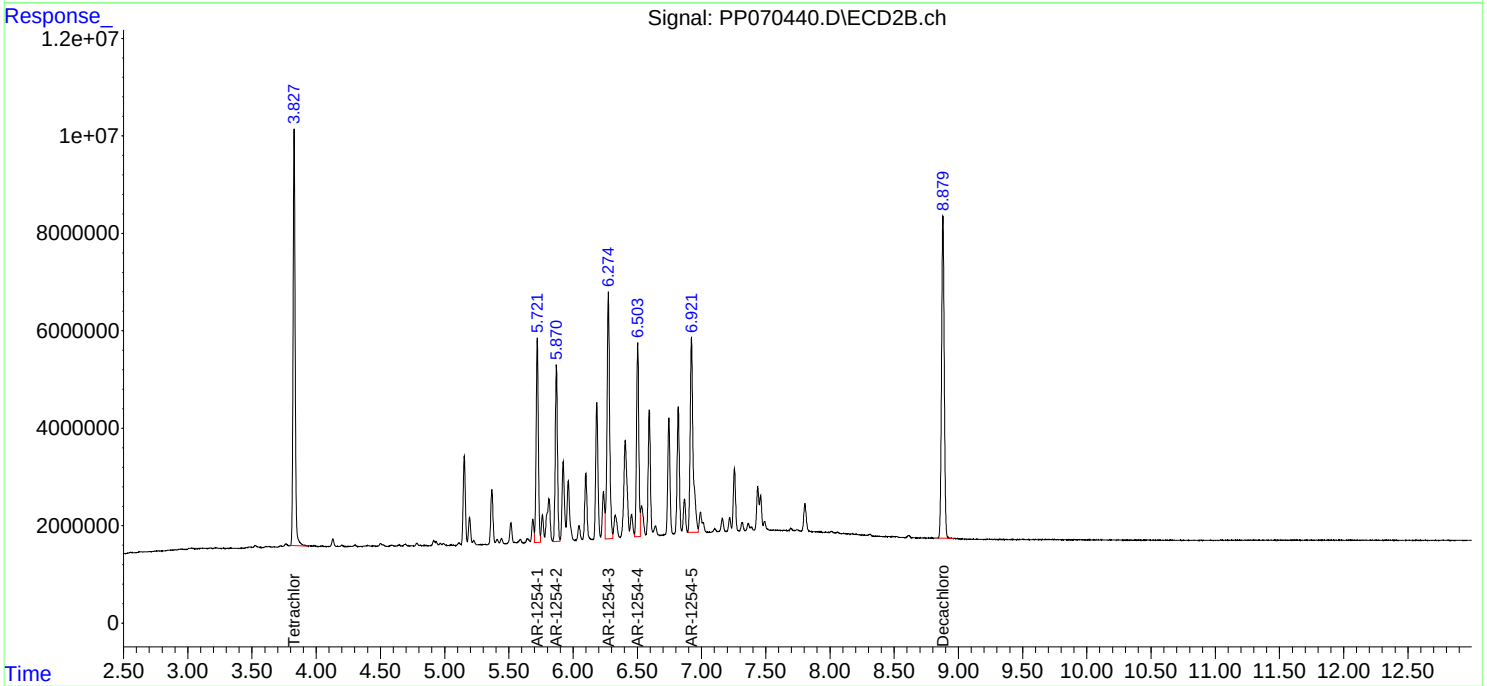
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070440.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 20:55
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 24 Sample Multiplier: 1

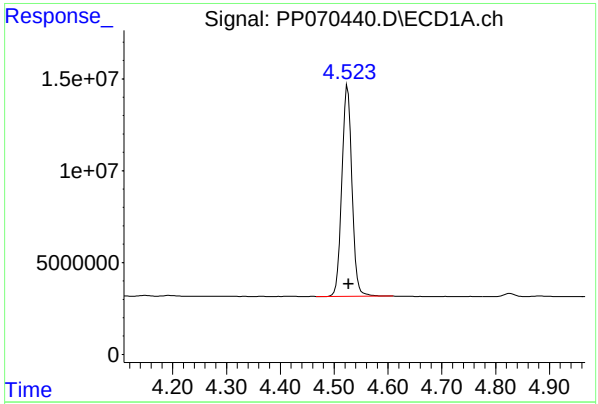
Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:42:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 22:41:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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



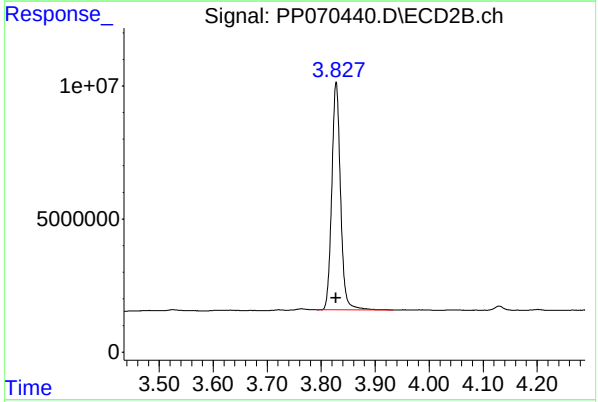




#1 Tetrachloro-m-xylene

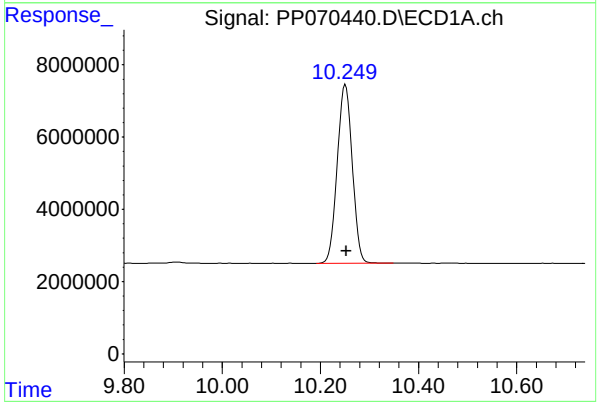
R.T.: 4.525 min
Delta R.T.: -0.002 min
Response: 149140108
Conc: 93.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



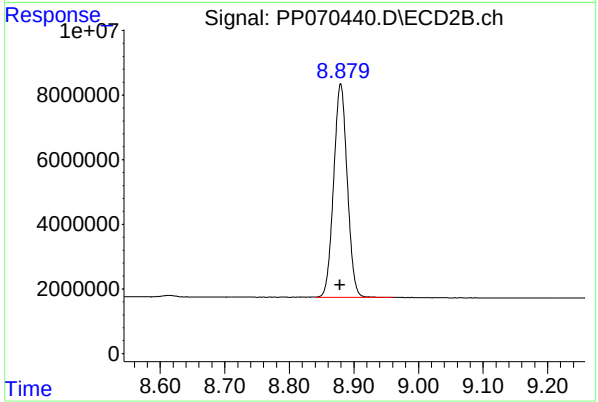
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 96720518
Conc: 94.83 ng/ml



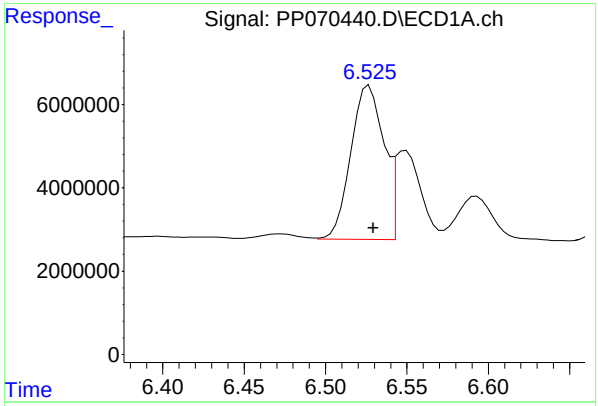
#2 Decachlorobiphenyl

R.T.: 10.251 min
Delta R.T.: -0.002 min
Response: 105177464
Conc: 92.93 ng/ml



#2 Decachlorobiphenyl

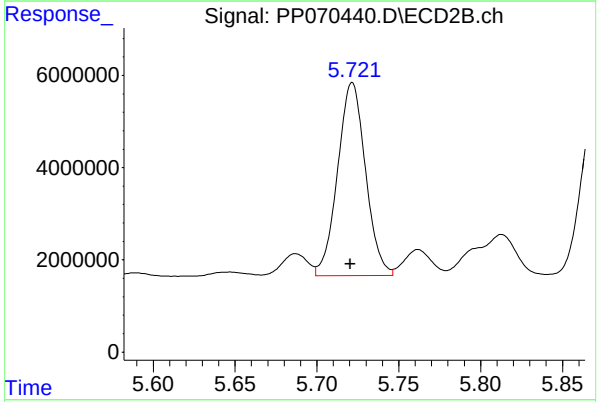
R.T.: 8.879 min
Delta R.T.: 0.000 min
Response: 96618792
Conc: 88.89 ng/ml



#26 AR-1254-1

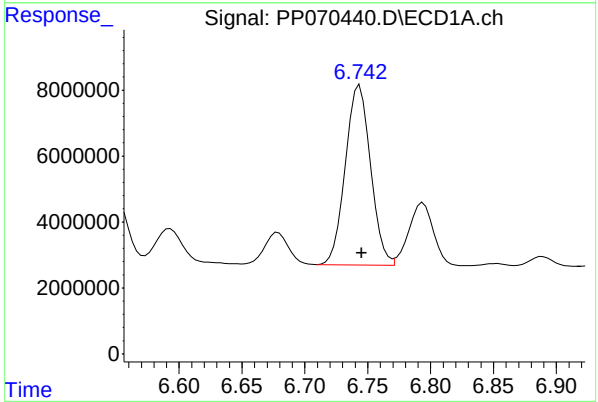
R.T.: 6.527 min
Delta R.T.: -0.003 min
Response: 52191144
Conc: 893.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



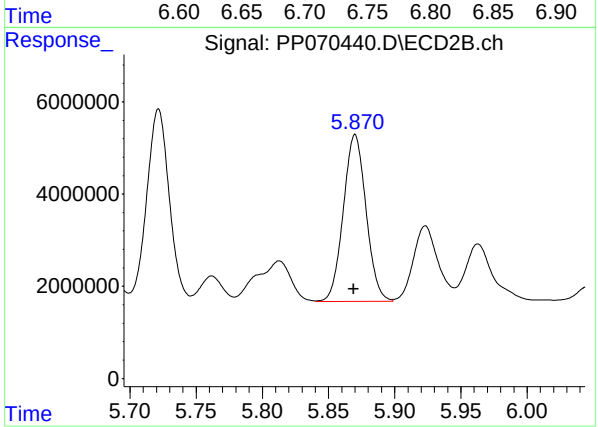
#26 AR-1254-1

R.T.: 5.722 min
Delta R.T.: 0.001 min
Response: 49741488
Conc: 880.09 ng/ml



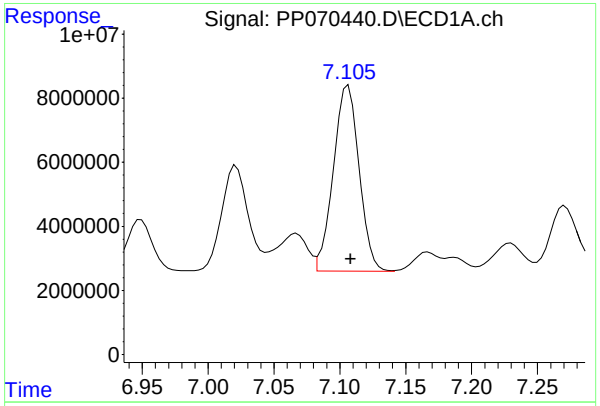
#27 AR-1254-2

R.T.: 6.743 min
Delta R.T.: -0.002 min
Response: 76163232
Conc: 909.45 ng/ml



#27 AR-1254-2

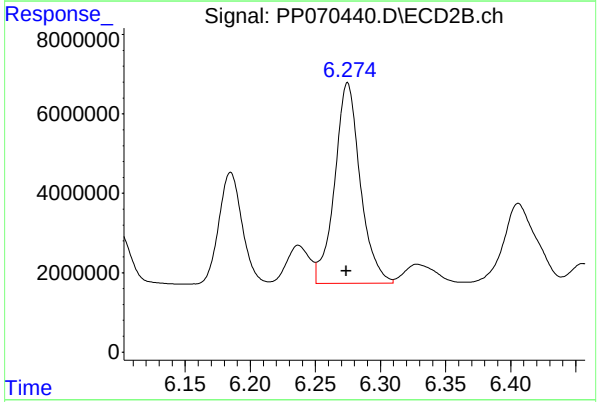
R.T.: 5.870 min
Delta R.T.: 0.001 min
Response: 43195538
Conc: 890.17 ng/ml



#28 AR-1254-3

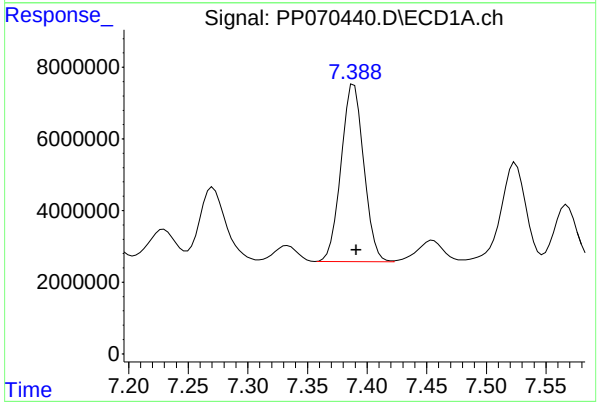
R.T.: 7.106 min
Delta R.T.: -0.002 min
Response: 78867294
Conc: 913.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



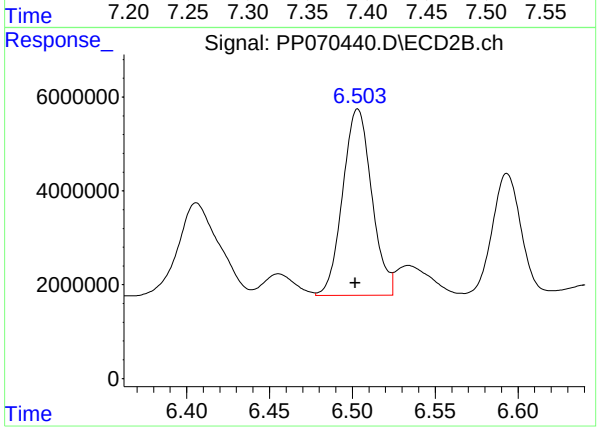
#28 AR-1254-3

R.T.: 6.275 min
Delta R.T.: 0.001 min
Response: 69004581
Conc: 911.17 ng/ml



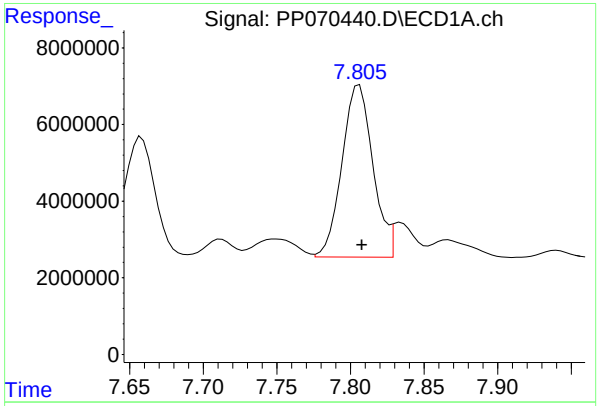
#29 AR-1254-4

R.T.: 7.389 min
Delta R.T.: -0.002 min
Response: 65665428
Conc: 916.69 ng/ml



#29 AR-1254-4

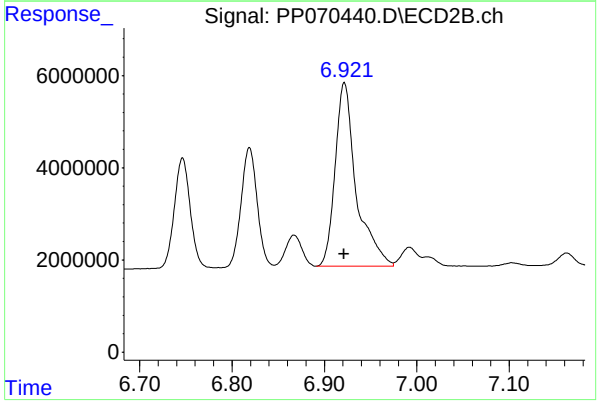
R.T.: 6.503 min
Delta R.T.: 0.001 min
Response: 48529875
Conc: 908.50 ng/ml



#30 AR-1254-5

R.T.: 7.806 min
Delta R.T.: -0.002 min
Response: 65604720
Conc: 923.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



#30 AR-1254-5

R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 63254548
Conc: 917.90 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070441.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 21:11
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:42:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 22:41:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.524	3.828	116.1E6	73807381	72.699	72.361
2)	SA Decachlor...	10.250	8.879	81355197	73665971	71.884	67.770
	Target Compounds						
26)	L6 AR-1254-1	6.526	5.722	41082518	39812295	703.361	704.410
27)	L6 AR-1254-2	6.743	5.870	59469212	34485922	710.112	710.681
28)	L6 AR-1254-3	7.106	6.275	60993256	54135888	706.405	714.835
29)	L6 AR-1254-4	7.388	6.503	51027528	38224583	712.343	715.580
30)	L6 AR-1254-5	7.806	6.922	50892047	48947585	716.295	710.286

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

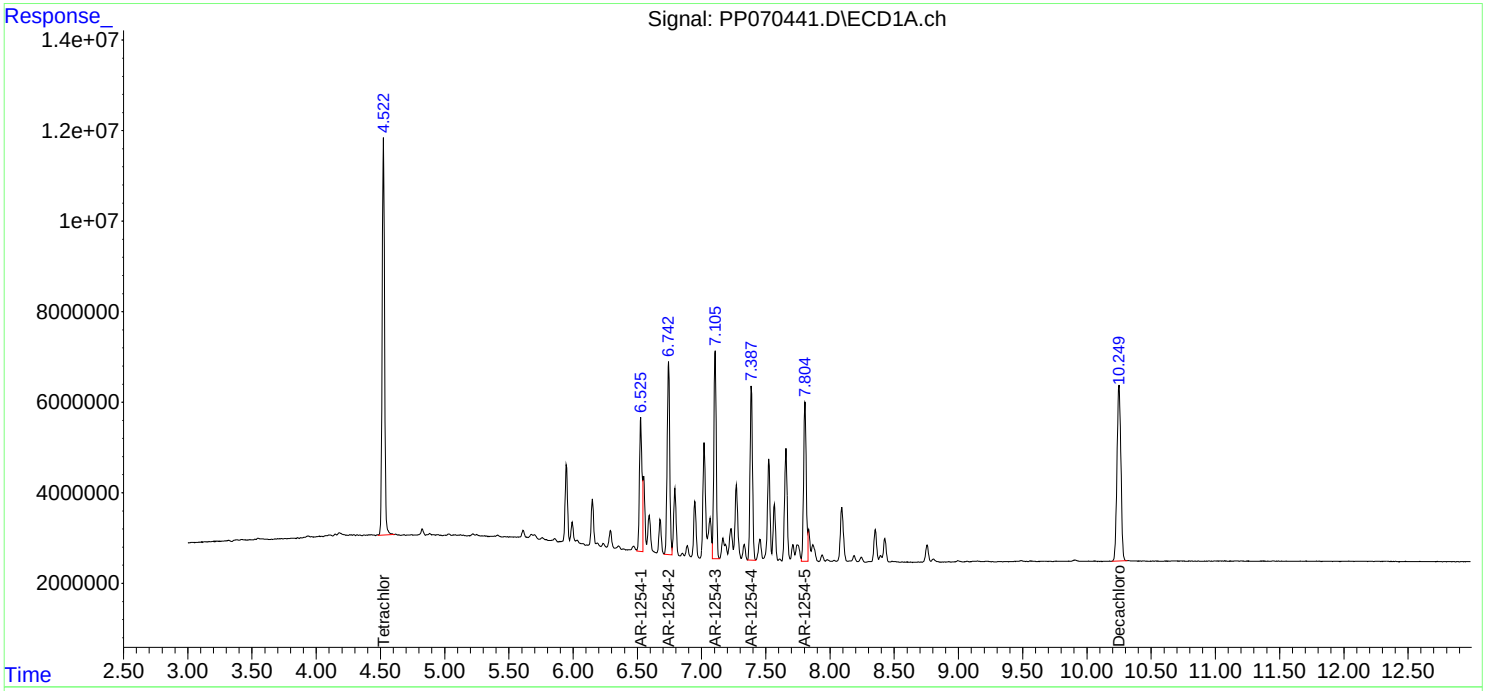
ICAL Form

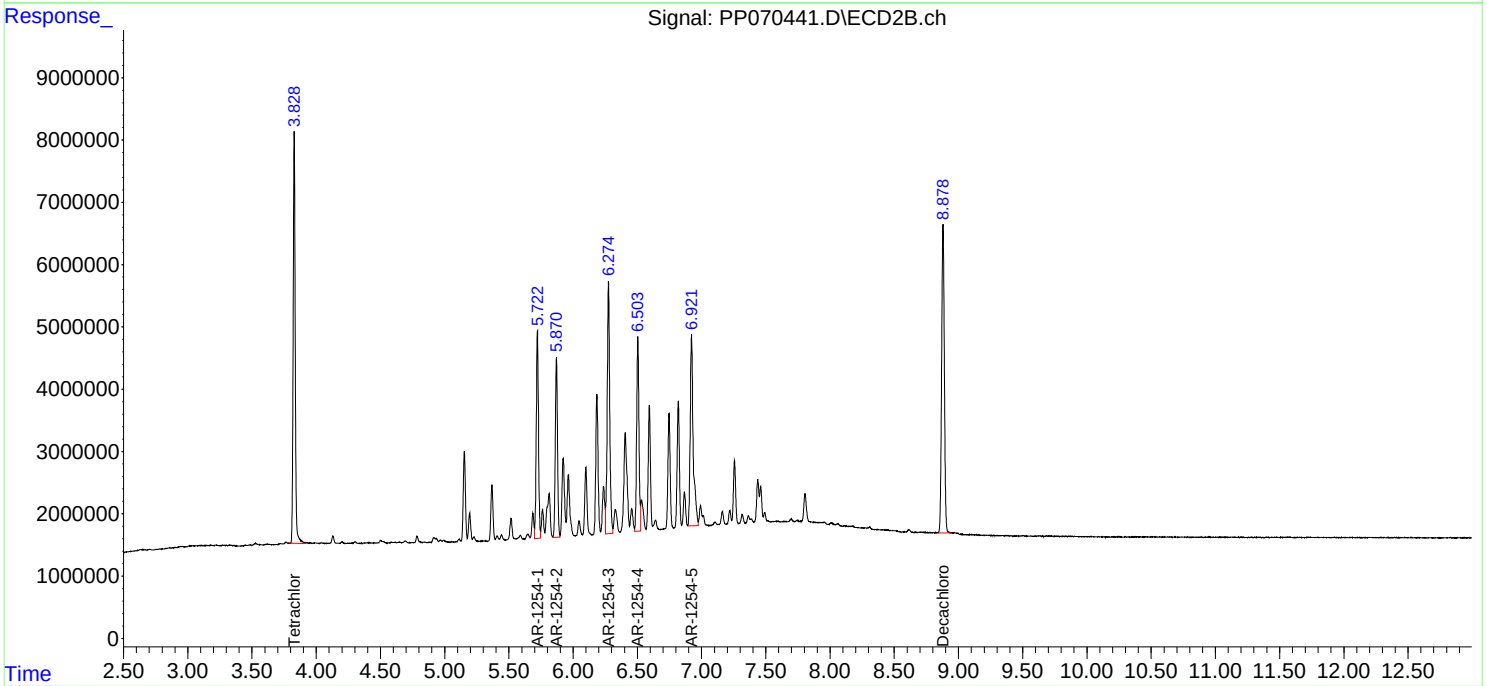
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070441.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 21:11
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 25 Sample Multiplier: 1

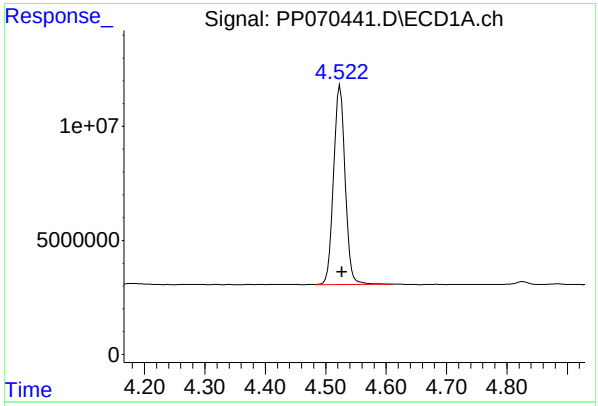
Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:42:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 22:41:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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



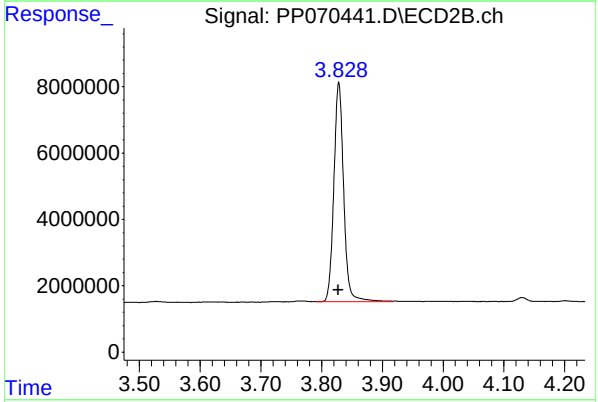




#1 Tetrachloro-m-xylene

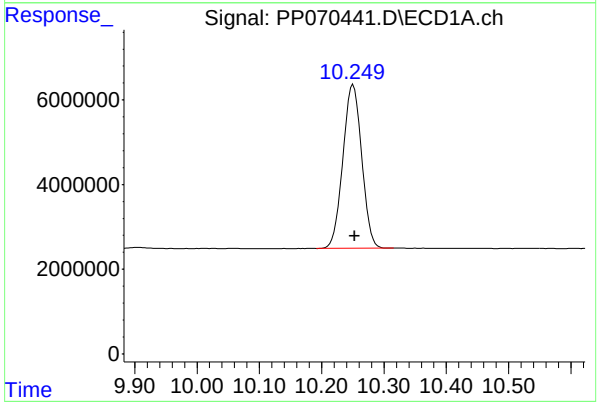
R.T.: 4.524 min
Delta R.T.: -0.003 min
Response: 116096349
Conc: 72.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



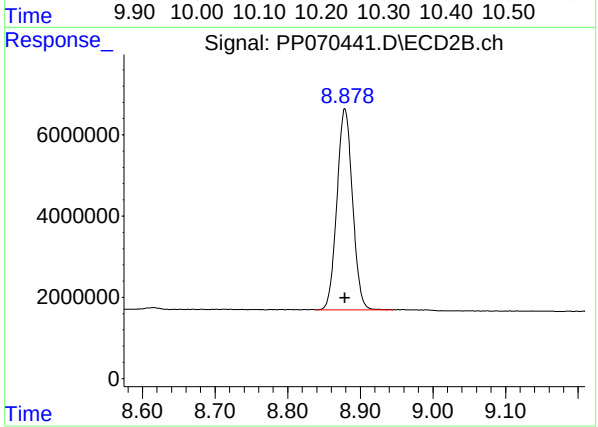
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: 0.001 min
Response: 73807381
Conc: 72.36 ng/ml



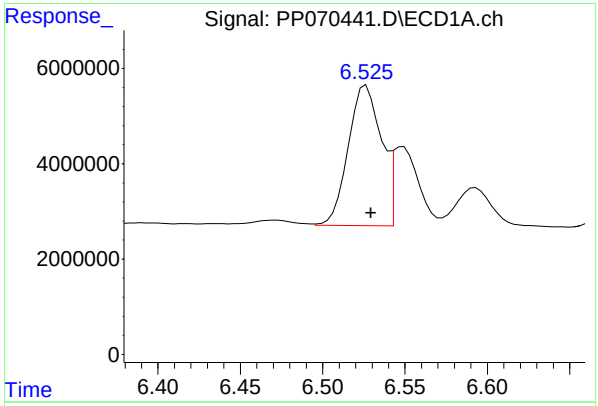
#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.003 min
Response: 81355197
Conc: 71.88 ng/ml



#2 Decachlorobiphenyl

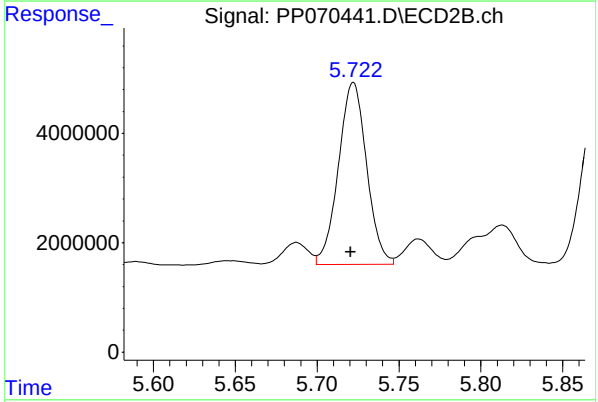
R.T.: 8.879 min
Delta R.T.: 0.000 min
Response: 73665971
Conc: 67.77 ng/ml



#26 AR-1254-1

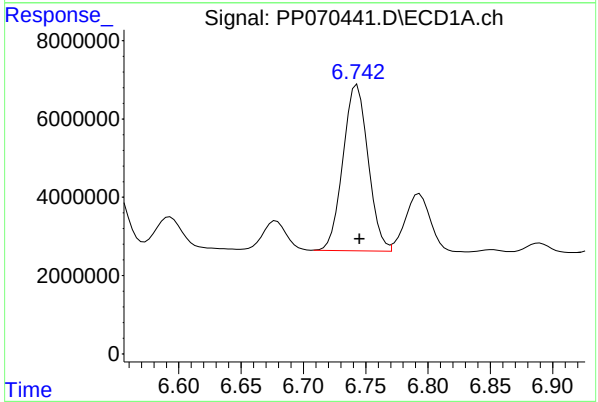
R.T.: 6.526 min
Delta R.T.: -0.003 min
Response: 41082518
Conc: 703.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



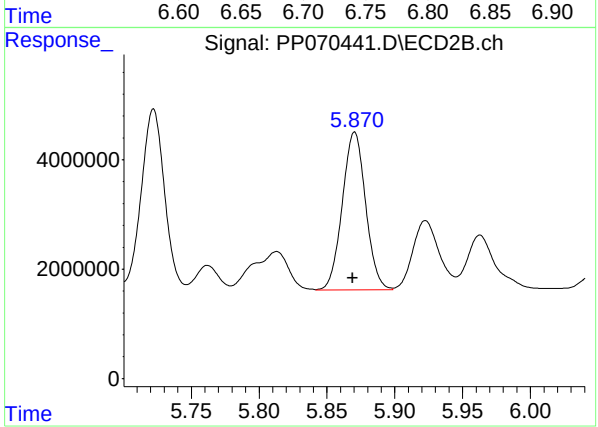
#26 AR-1254-1

R.T.: 5.722 min
Delta R.T.: 0.002 min
Response: 39812295
Conc: 704.41 ng/ml



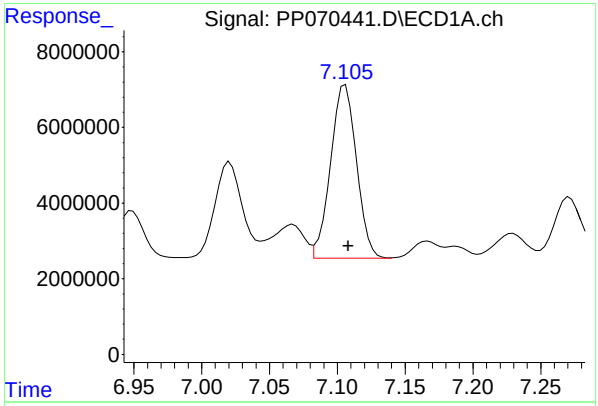
#27 AR-1254-2

R.T.: 6.743 min
Delta R.T.: -0.002 min
Response: 59469212
Conc: 710.11 ng/ml



#27 AR-1254-2

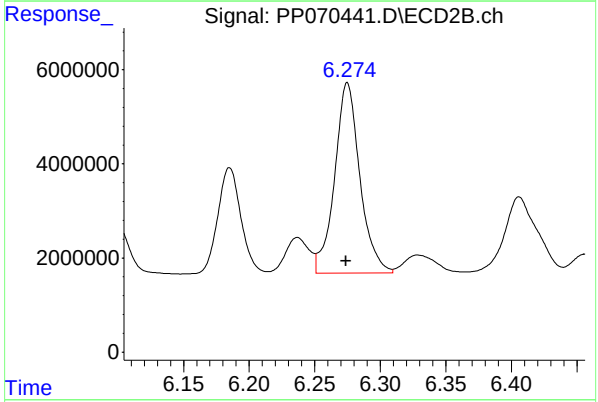
R.T.: 5.870 min
Delta R.T.: 0.002 min
Response: 34485922
Conc: 710.68 ng/ml



#28 AR-1254-3

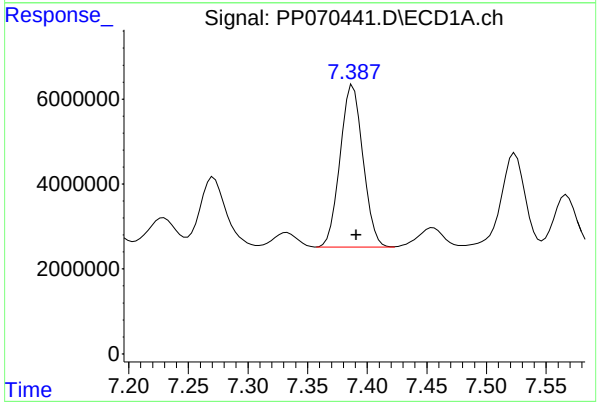
R.T.: 7.106 min
Delta R.T.: -0.002 min
Response: 60993256
Conc: 706.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



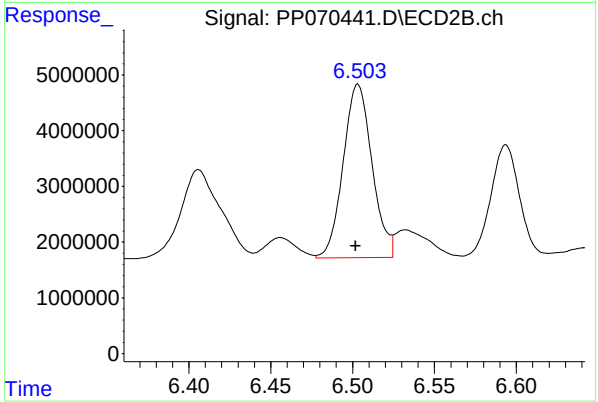
#28 AR-1254-3

R.T.: 6.275 min
Delta R.T.: 0.001 min
Response: 54135888
Conc: 714.83 ng/ml



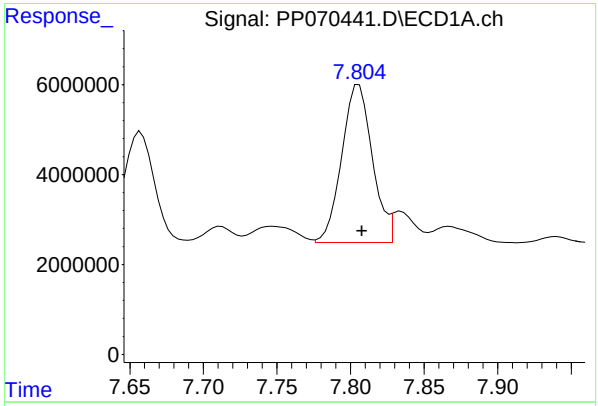
#29 AR-1254-4

R.T.: 7.388 min
Delta R.T.: -0.003 min
Response: 51027528
Conc: 712.34 ng/ml



#29 AR-1254-4

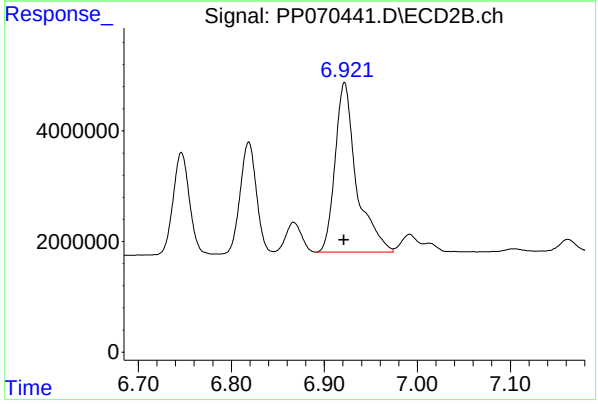
R.T.: 6.503 min
Delta R.T.: 0.001 min
Response: 38224583
Conc: 715.58 ng/ml



#30 AR-1254-5

R.T.: 7.806 min
Delta R.T.: -0.002 min
Response: 50892047
Conc: 716.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



#30 AR-1254-5

R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 48947585
Conc: 710.29 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070442.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 21:28
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:43:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 22:41:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.527	3.827	79847648	50999382	50.000	50.000
2)	SA Decachlor...	10.253	8.879	56587852	54349698	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	6.529	5.721	29204431	28259314	500.000	500.000
27)	L6 AR-1254-2	6.745	5.869	41873104	24262597	500.000	500.000
28)	L6 AR-1254-3	7.108	6.274	43171573	37866013	500.000	500.000
29)	L6 AR-1254-4	7.391	6.502	35816695	26708804	500.000	500.000
30)	L6 AR-1254-5	7.808	6.921	35524526	34456229	500.000	500.000

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

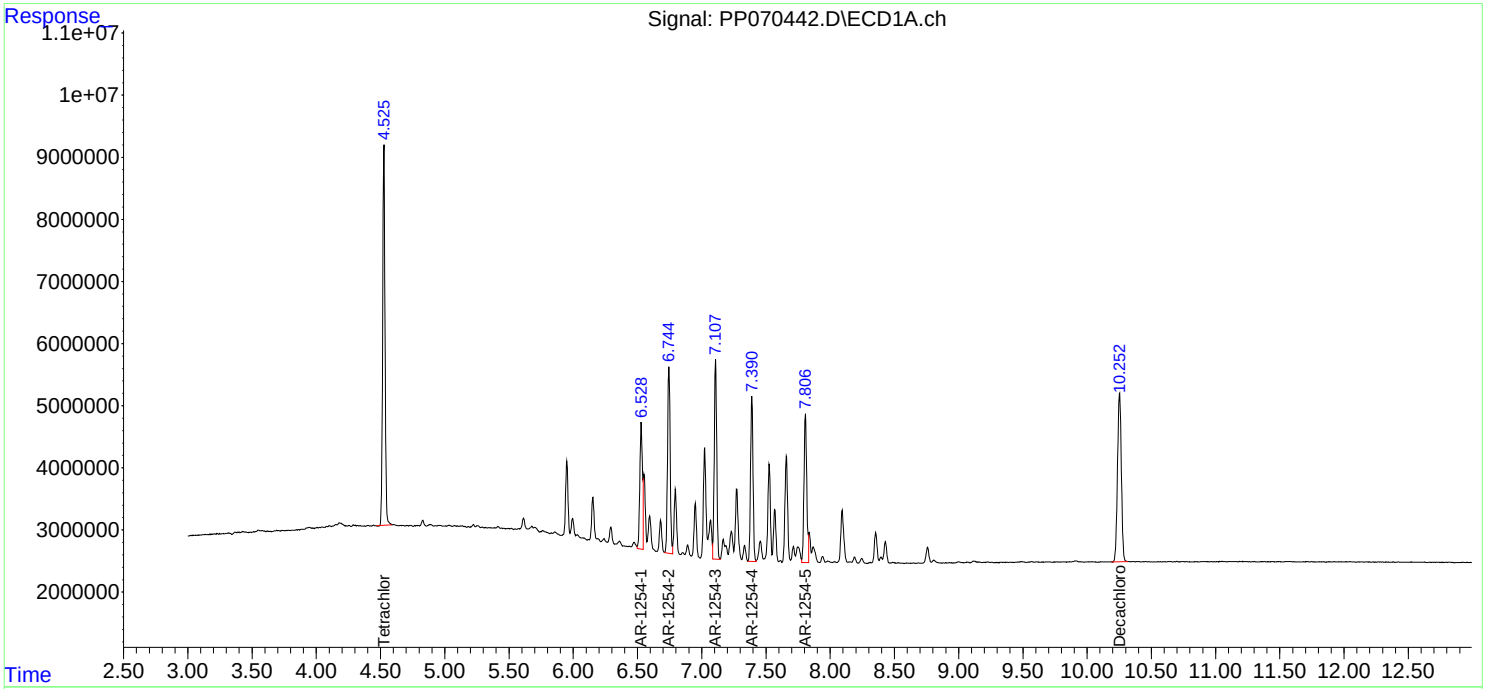
ICAL Form

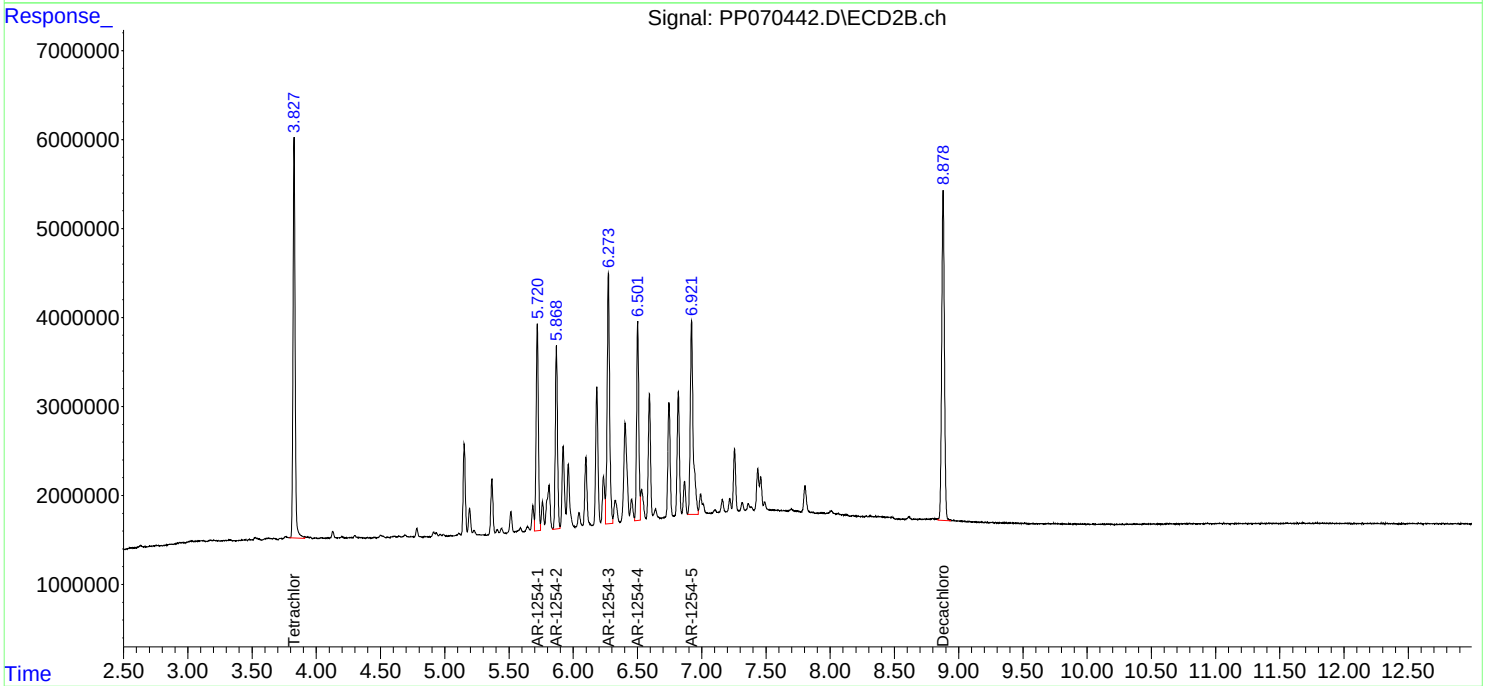
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070442.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 21:28
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 26 Sample Multiplier: 1

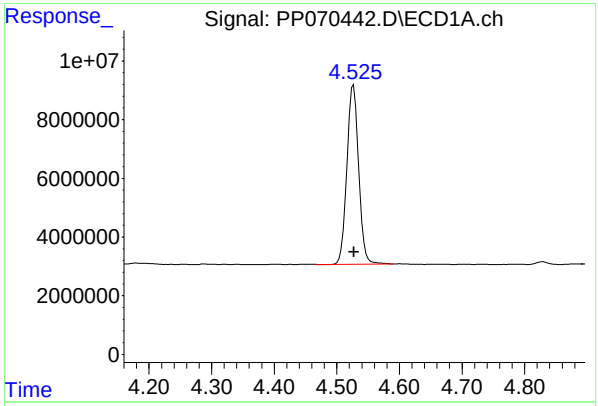
Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:43:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 22:41:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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



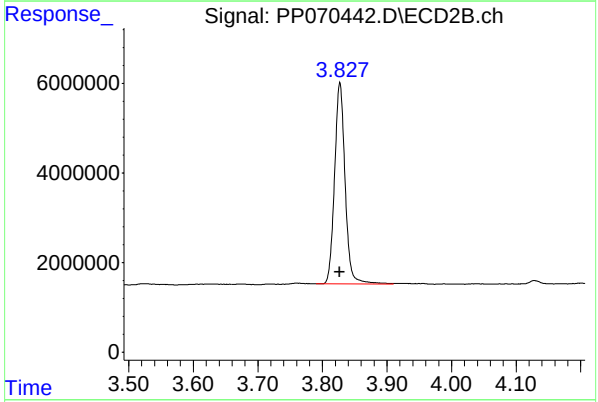




#1 Tetrachloro-m-xylene

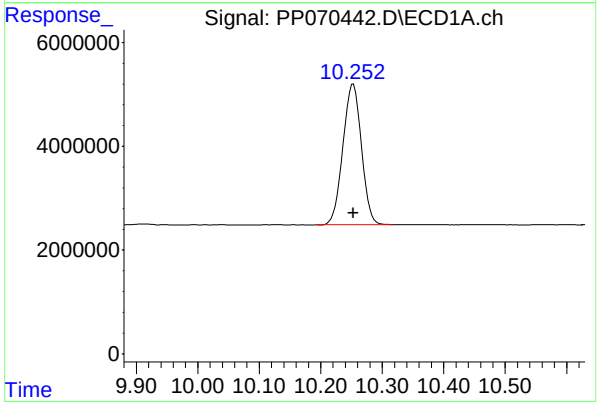
R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 79847648
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



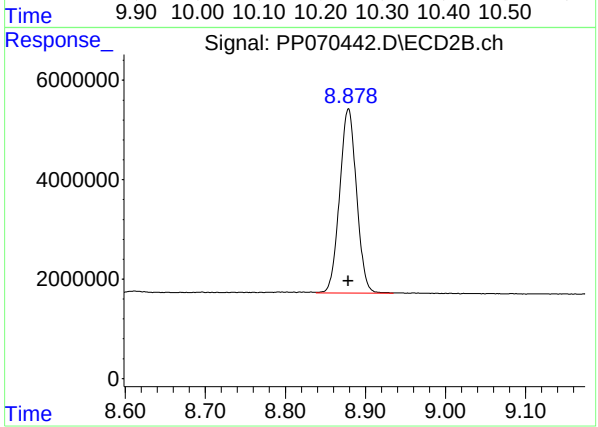
#1 Tetrachloro-m-xylene

R.T.: 3.827 min
Delta R.T.: 0.000 min
Response: 50999382
Conc: 50.00 ng/ml



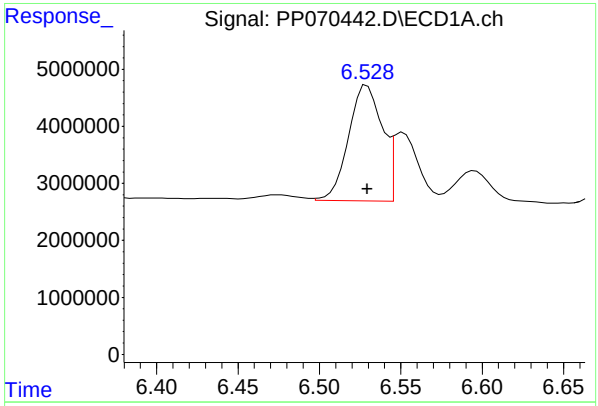
#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: 0.000 min
Response: 56587852
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

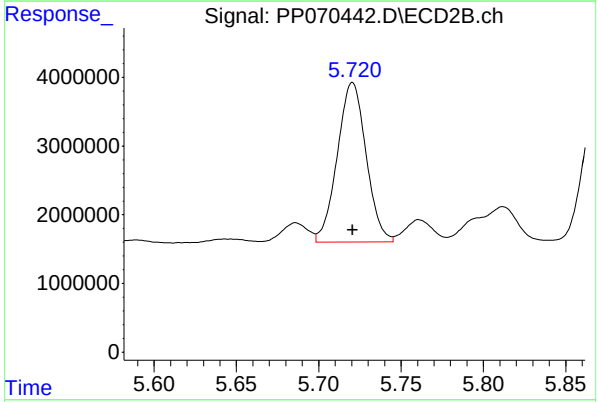
R.T.: 8.879 min
Delta R.T.: 0.000 min
Response: 54349698
Conc: 50.00 ng/ml



#26 AR-1254-1

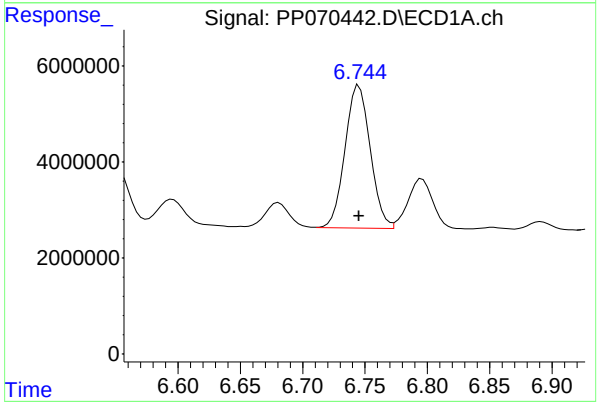
R.T.: 6.529 min
Delta R.T.: 0.000 min
Response: 29204431
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



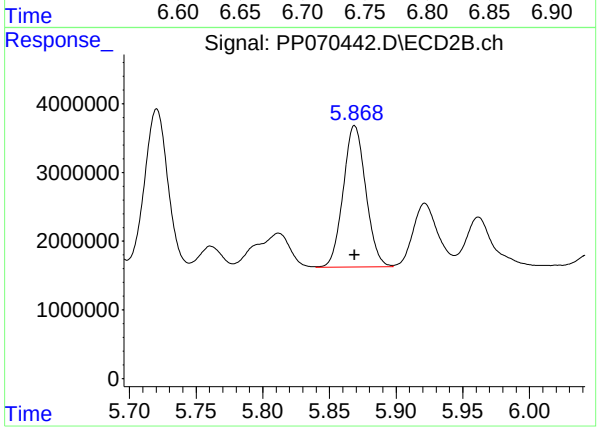
#26 AR-1254-1

R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 28259314
Conc: 500.00 ng/ml



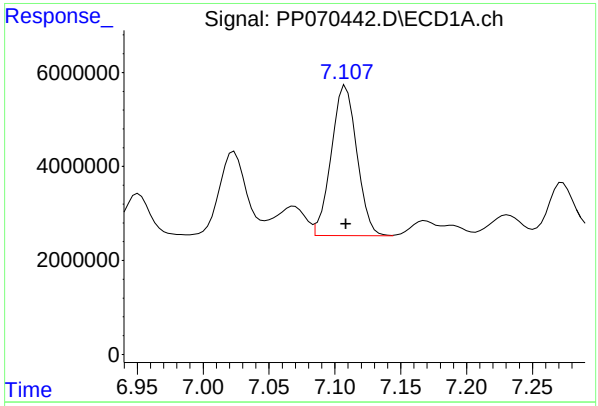
#27 AR-1254-2

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 41873104
Conc: 500.00 ng/ml



#27 AR-1254-2

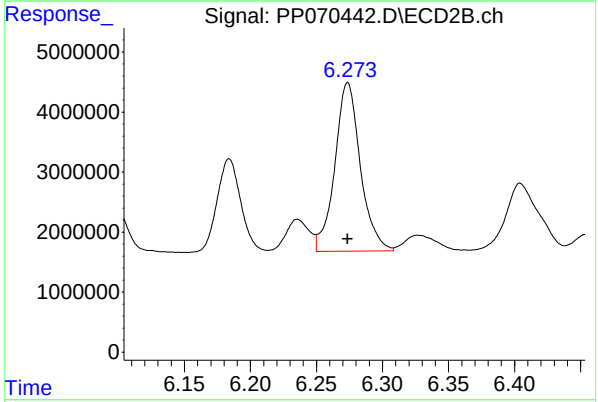
R.T.: 5.869 min
Delta R.T.: 0.000 min
Response: 24262597
Conc: 500.00 ng/ml



#28 AR-1254-3

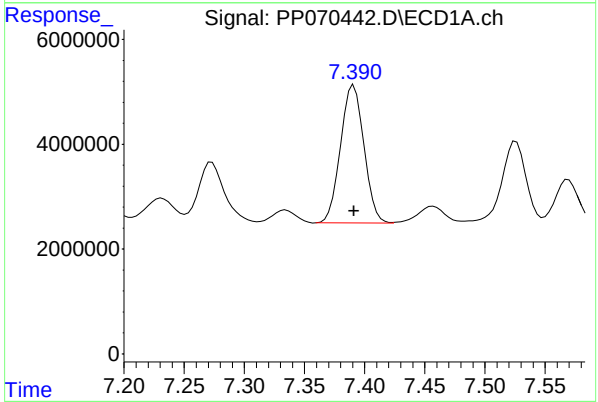
R.T.: 7.108 min
Delta R.T.: 0.000 min
Response: 43171573
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



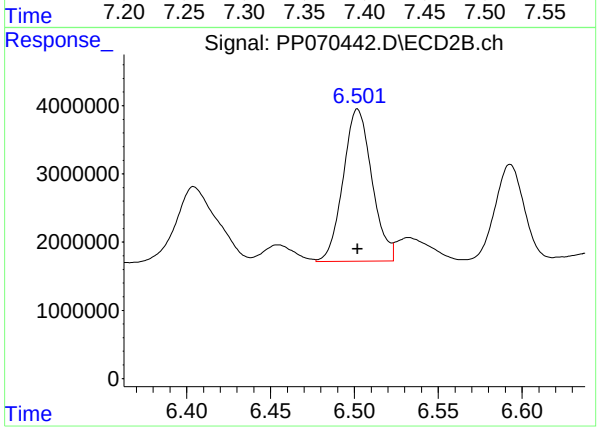
#28 AR-1254-3

R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 37866013
Conc: 500.00 ng/ml



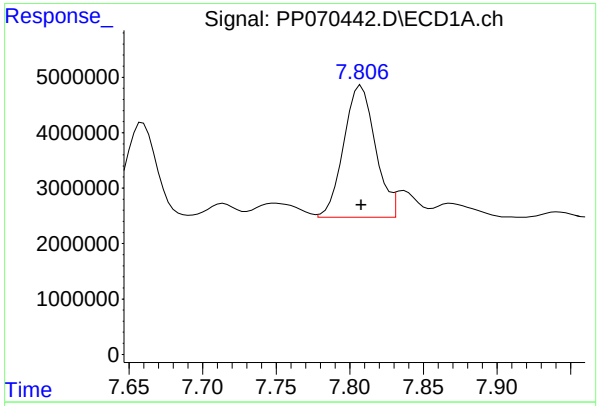
#29 AR-1254-4

R.T.: 7.391 min
Delta R.T.: 0.000 min
Response: 35816695
Conc: 500.00 ng/ml



#29 AR-1254-4

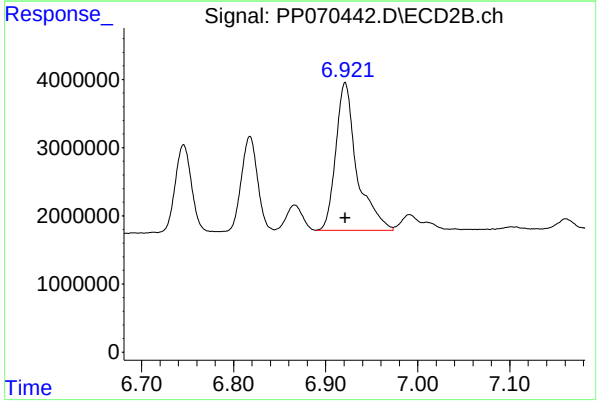
R.T.: 6.502 min
Delta R.T.: 0.000 min
Response: 26708804
Conc: 500.00 ng/ml



#30 AR-1254-5

R.T.: 7.808 min
Delta R.T.: 0.000 min
Response: 35524526
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



#30 AR-1254-5

R.T.: 6.921 min
Delta R.T.: 0.000 min
Response: 34456229
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070443.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 21:44
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:43:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 22:41:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.522	3.828	41995422	27154292	26.297	26.622
2)	SA Decachlor...	10.247	8.879	29750638	28828167	26.287	26.521
	Target Compounds						
26)	L6 AR-1254-1	6.524	5.721	15632135	15086022	267.633	266.921
27)	L6 AR-1254-2	6.740	5.869	22251661	13109555	265.704	270.160
28)	L6 AR-1254-3	7.103	6.274	22535007	20354474	260.994	268.770
29)	L6 AR-1254-4	7.386	6.502	18941969	14262234	264.429	266.995
30)	L6 AR-1254-5	7.802	6.921	18651779	18303656	262.520	265.607

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

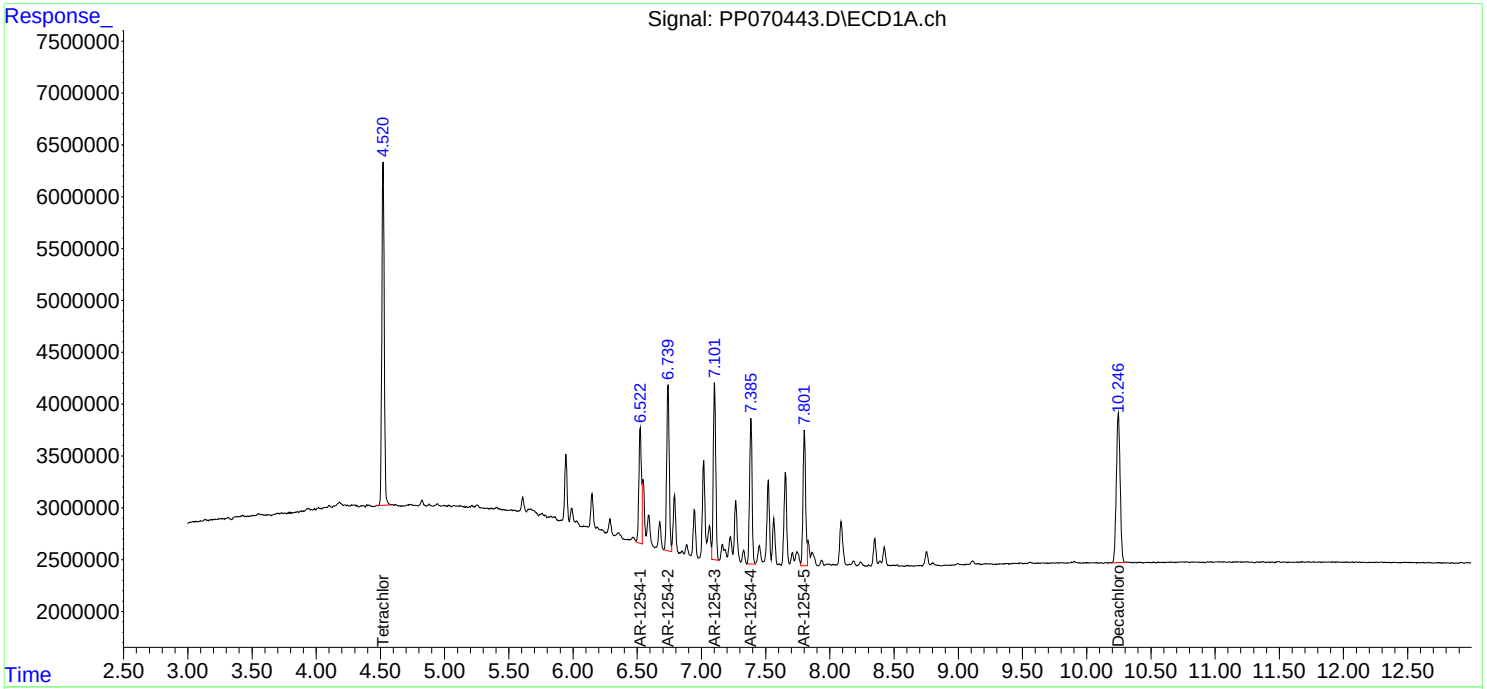
ICAL Form

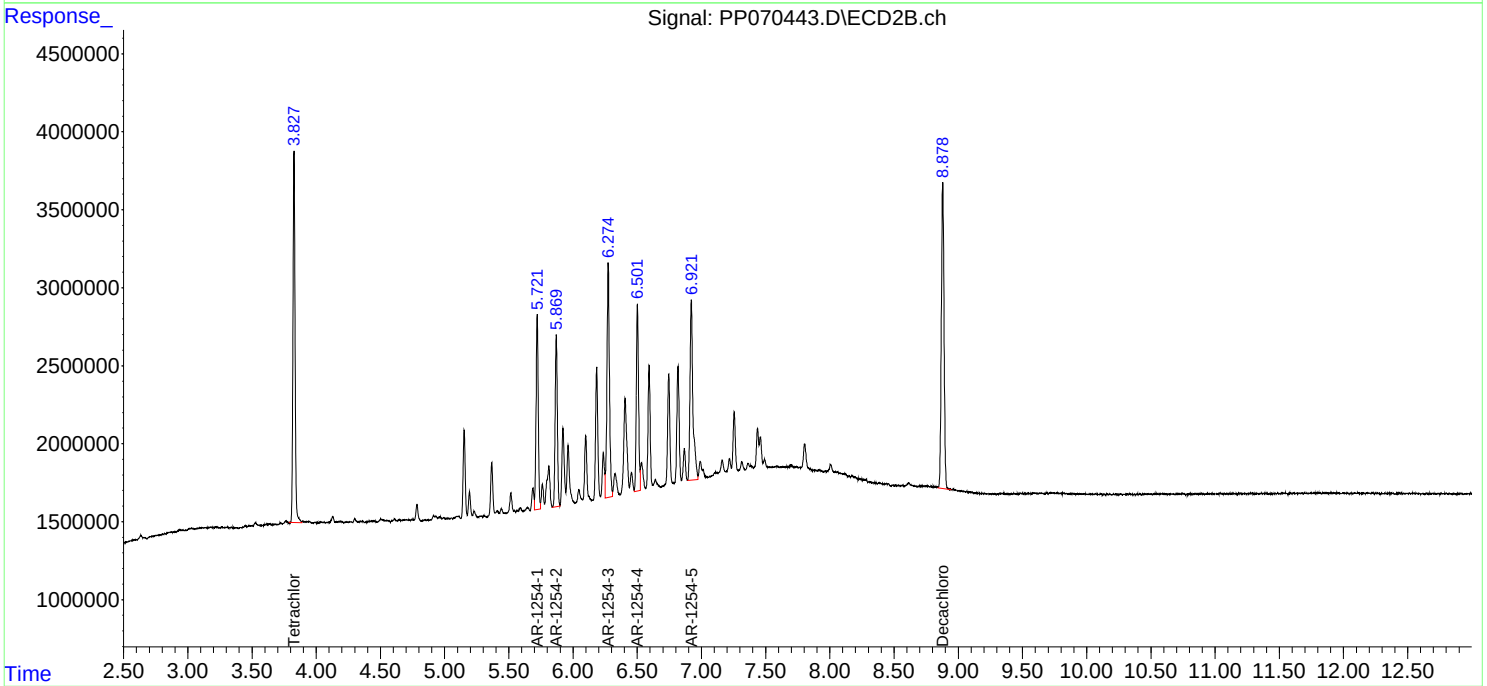
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070443.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 21:44
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 27 Sample Multiplier: 1

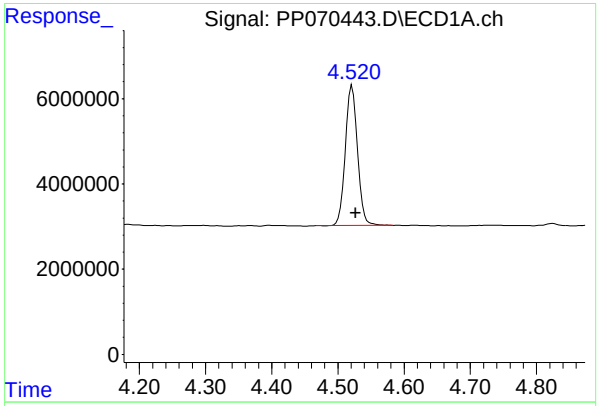
Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:43:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 22:41:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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



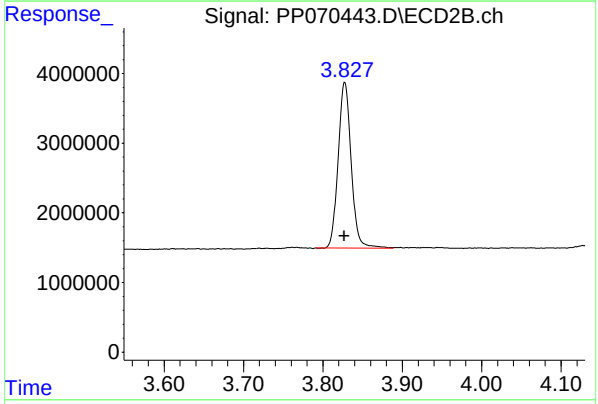




#1 Tetrachloro-m-xylene

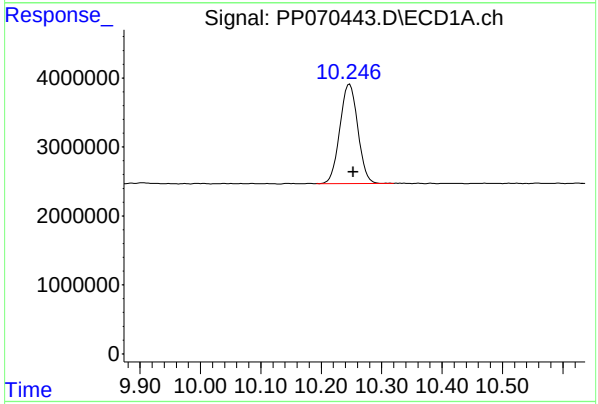
R.T.: 4.522 min
Delta R.T.: -0.005 mi
Response: 41995422
Conc: 26.30 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



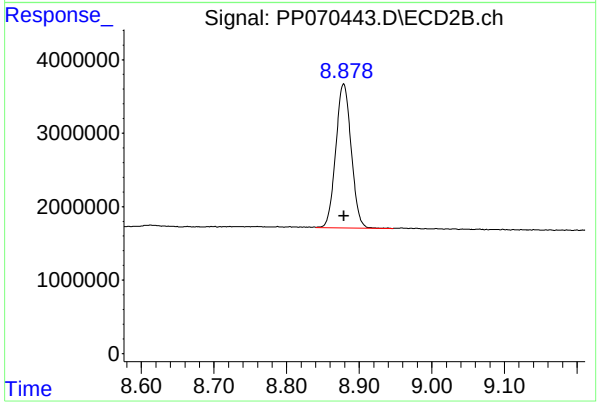
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 27154292
Conc: 26.62 ng/ml



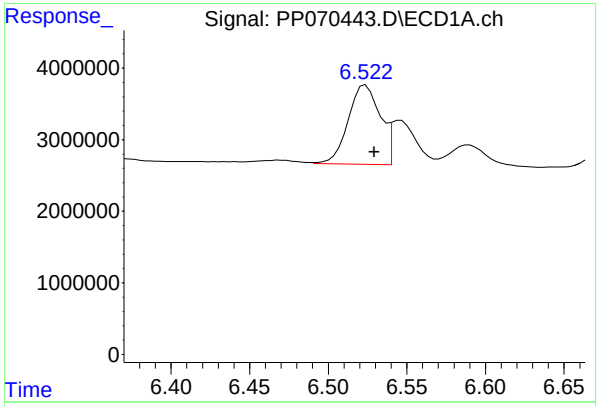
#2 Decachlorobiphenyl

R.T.: 10.247 min
Delta R.T.: -0.006 min
Response: 29750638
Conc: 26.29 ng/ml



#2 Decachlorobiphenyl

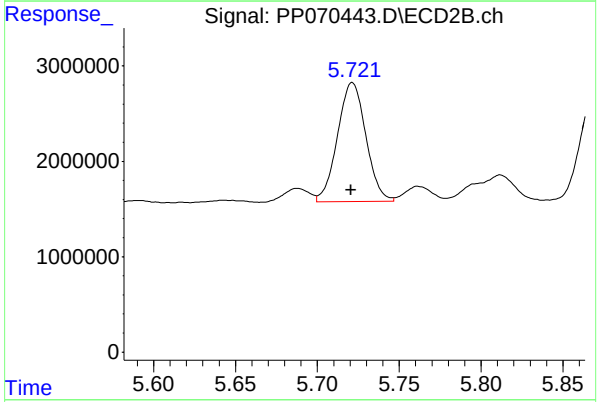
R.T.: 8.879 min
Delta R.T.: 0.000 min
Response: 28828167
Conc: 26.52 ng/ml



#26 AR-1254-1

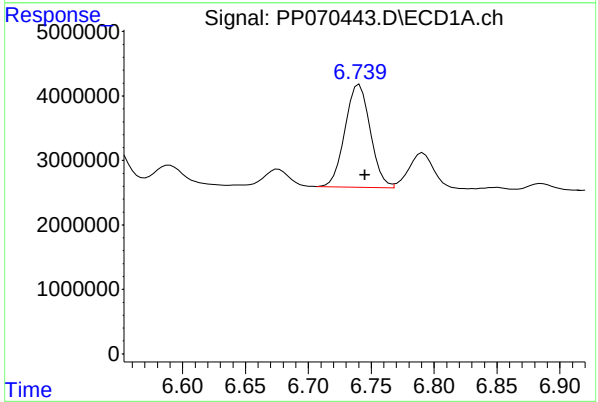
R.T.: 6.524 min
Delta R.T.: -0.006 mi
Response: 15632135
Conc: 267.63 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



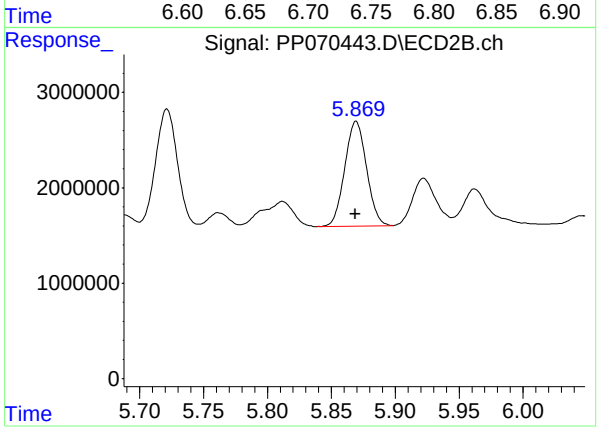
#26 AR-1254-1

R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 15086022
Conc: 266.92 ng/ml



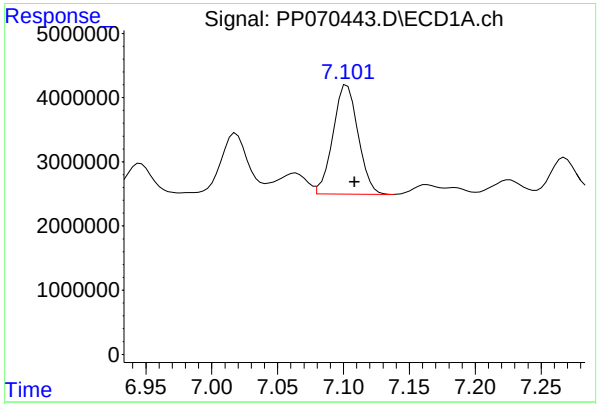
#27 AR-1254-2

R.T.: 6.740 min
Delta R.T.: -0.005 min
Response: 22251661
Conc: 265.70 ng/ml



#27 AR-1254-2

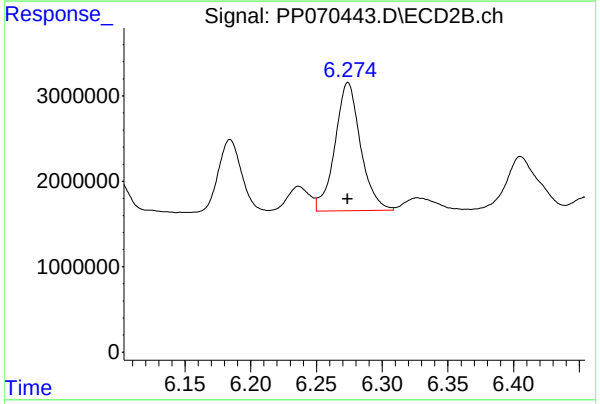
R.T.: 5.869 min
Delta R.T.: 0.000 min
Response: 13109555
Conc: 270.16 ng/ml



#28 AR-1254-3

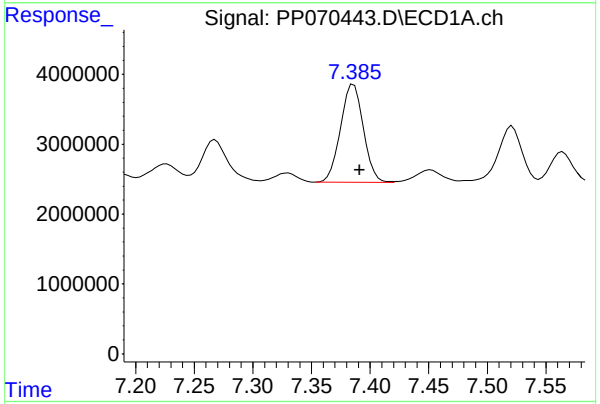
R.T.: 7.103 min
Delta R.T.: -0.006 mi
Response: 22535007
Conc: 260.99 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



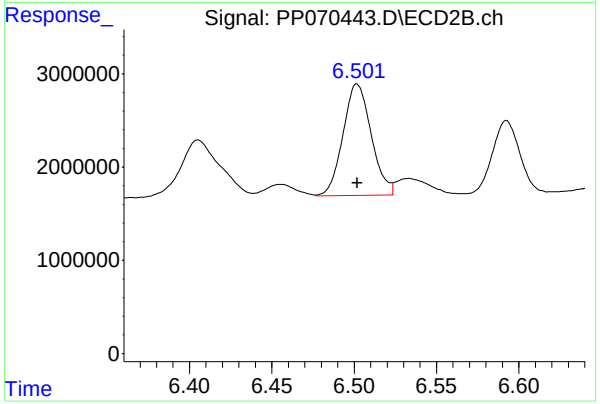
#28 AR-1254-3

R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 20354474
Conc: 268.77 ng/ml



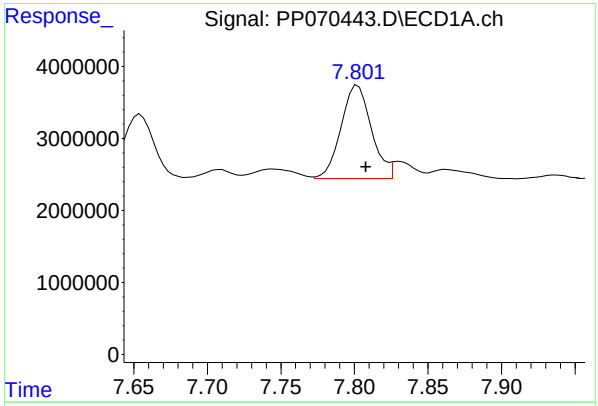
#29 AR-1254-4

R.T.: 7.386 min
Delta R.T.: -0.005 min
Response: 18941969
Conc: 264.43 ng/ml



#29 AR-1254-4

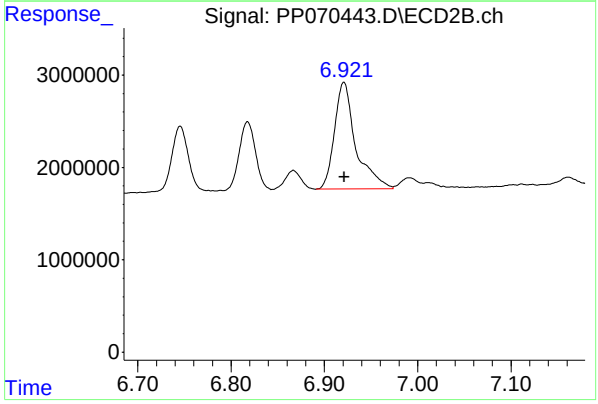
R.T.: 6.502 min
Delta R.T.: 0.000 min
Response: 14262234
Conc: 266.99 ng/ml



#30 AR-1254-5

R.T.: 7.802 min
Delta R.T.: -0.005 mi
Response: 18651779
Conc: 262.52 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



#30 AR-1254-5

R.T.: 6.921 min
Delta R.T.: 0.000 min
Response: 18303656
Conc: 265.61 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070444.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 22:00
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:43:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 22:41:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.525	3.828	8190039	4946549	5.129	4.850
2)	SA Decachlor...	10.249	8.879	5357119	5757506	4.733	5.297
	Target Compounds						
26)	L6 AR-1254-1	6.527	5.722	2919684	3096335	49.987	54.784
27)	L6 AR-1254-2	6.743	5.870	3852617	2719612	46.003	56.045
28)	L6 AR-1254-3	7.107	6.275	4209211	3937712	48.750	51.995
29)	L6 AR-1254-4	7.388	6.503	3479126	2689850	48.568	50.355
30)	L6 AR-1254-5	7.806	6.922	3508468	3731398	49.381	54.147

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

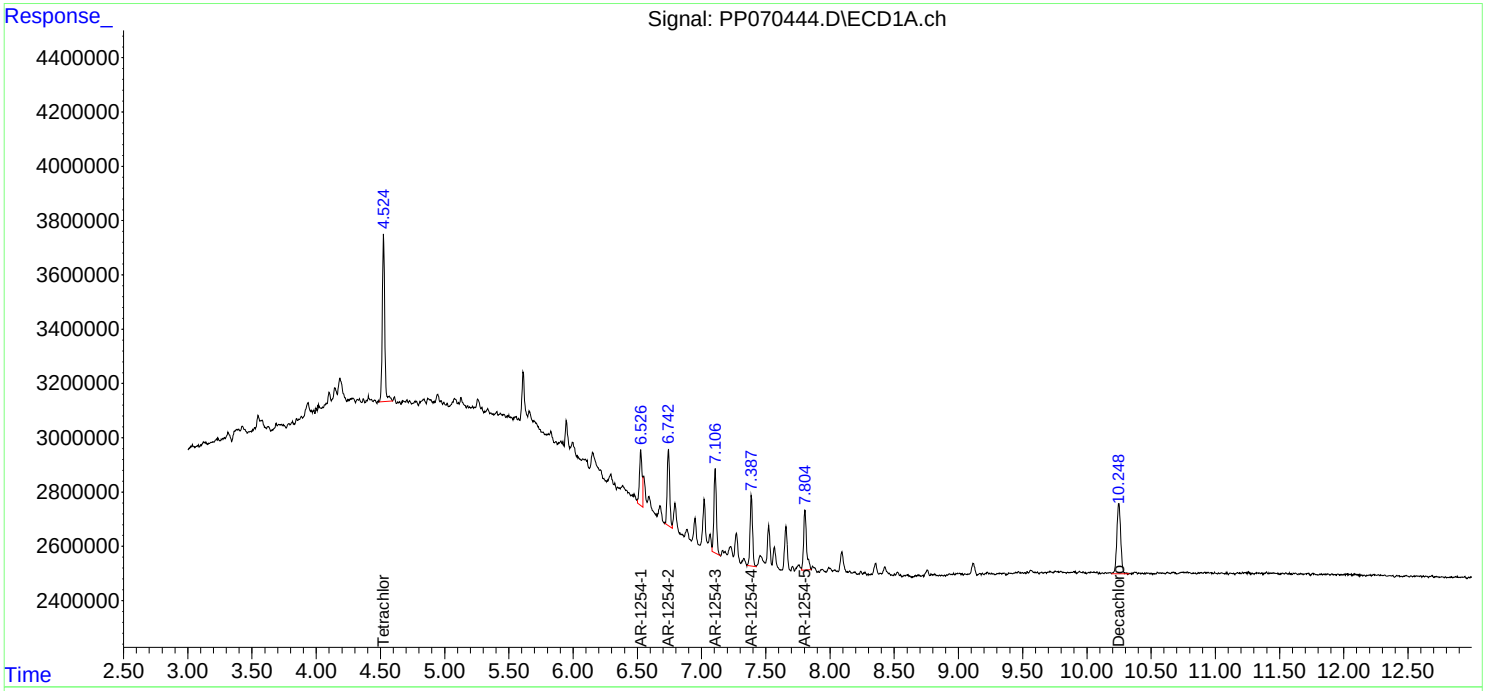
ICAL Form

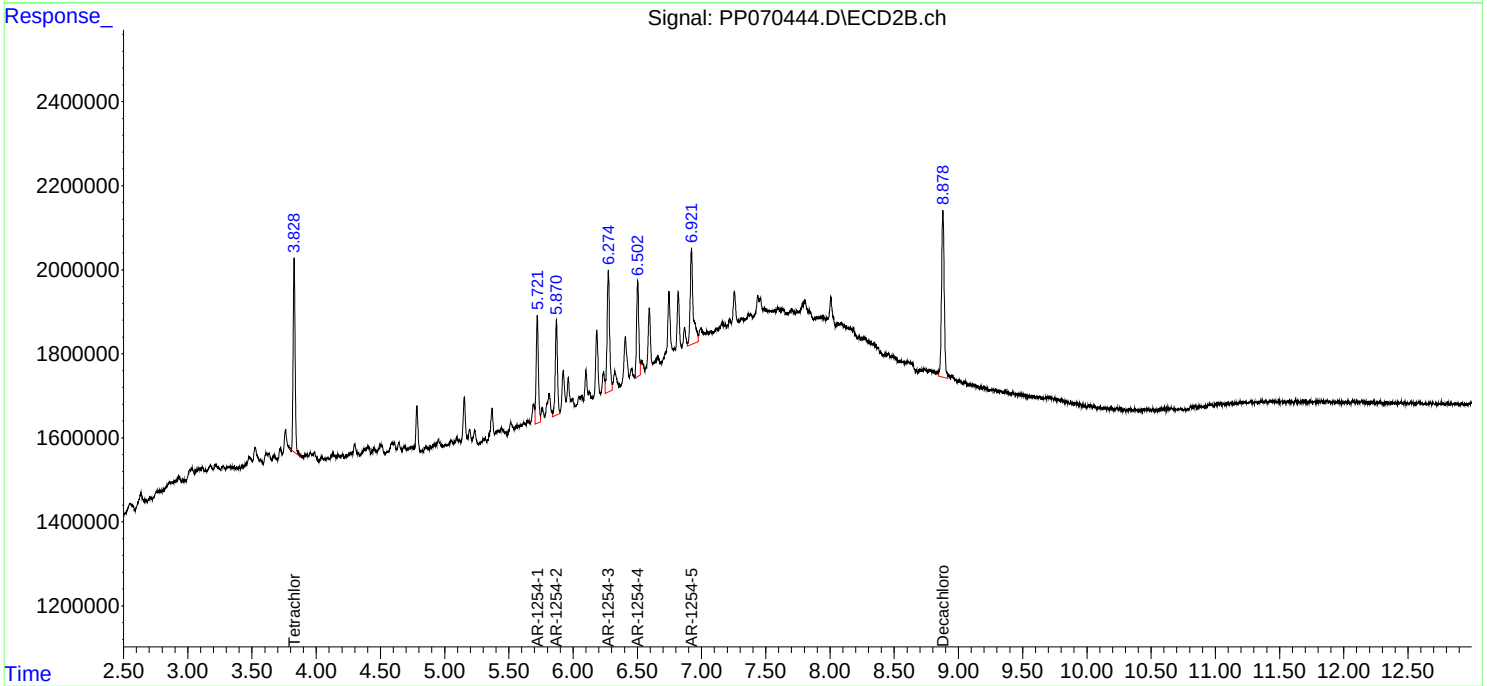
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070444.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 22:00
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 28 Sample Multiplier: 1

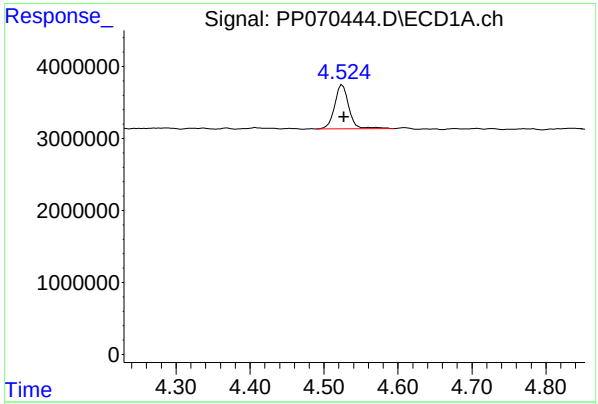
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:43:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 22:41:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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



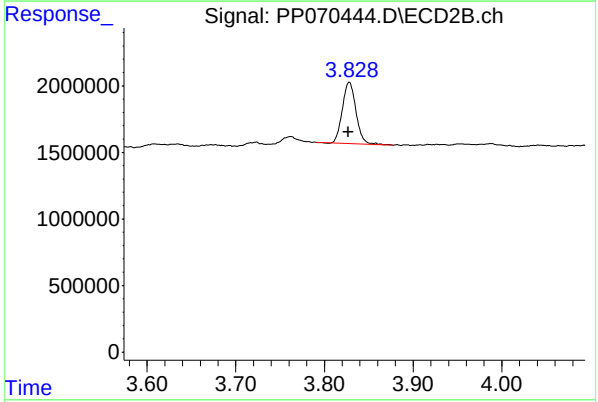




#1 Tetrachloro-m-xylene

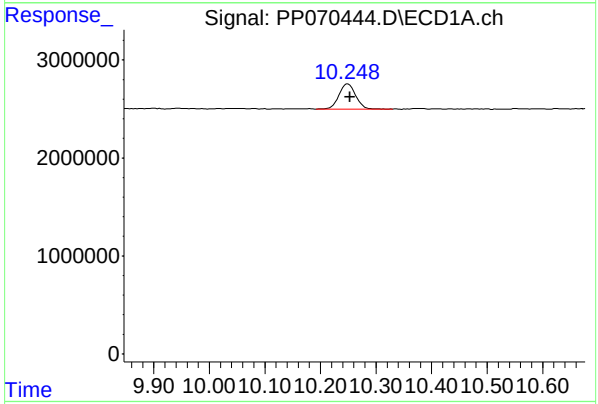
R.T.: 4.525 min
Delta R.T.: -0.002 min
Response: 8190039
Conc: 5.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



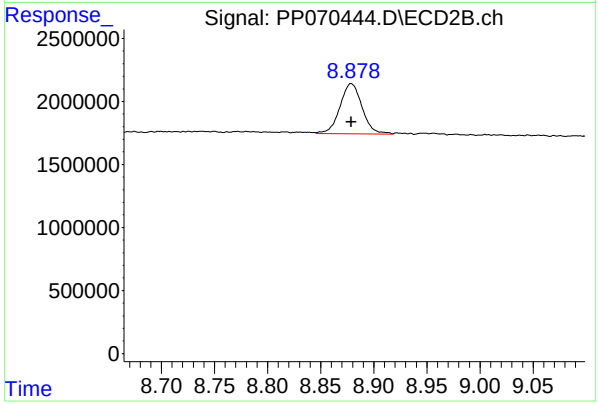
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: 0.001 min
Response: 4946549
Conc: 4.85 ng/ml



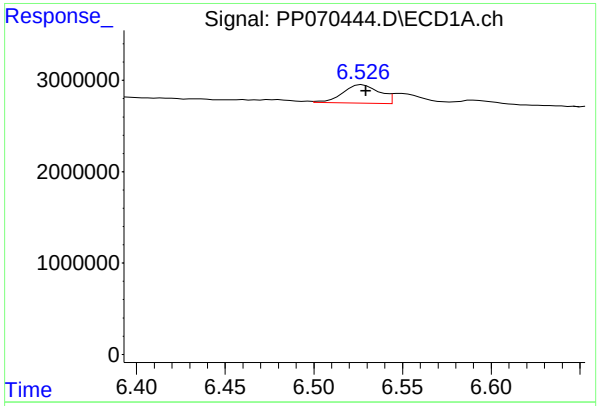
#2 Decachlorobiphenyl

R.T.: 10.249 min
Delta R.T.: -0.004 min
Response: 5357119
Conc: 4.73 ng/ml



#2 Decachlorobiphenyl

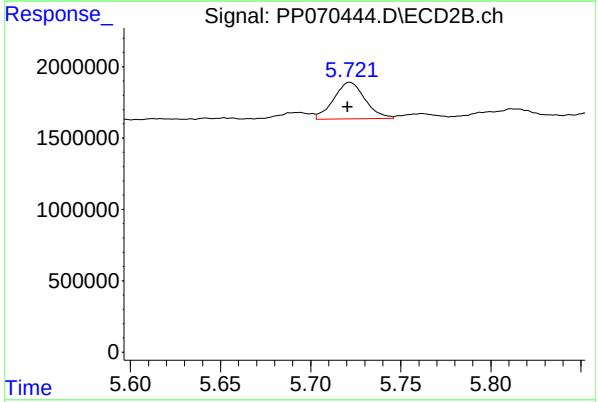
R.T.: 8.879 min
Delta R.T.: 0.000 min
Response: 5757506
Conc: 5.30 ng/ml



#26 AR-1254-1

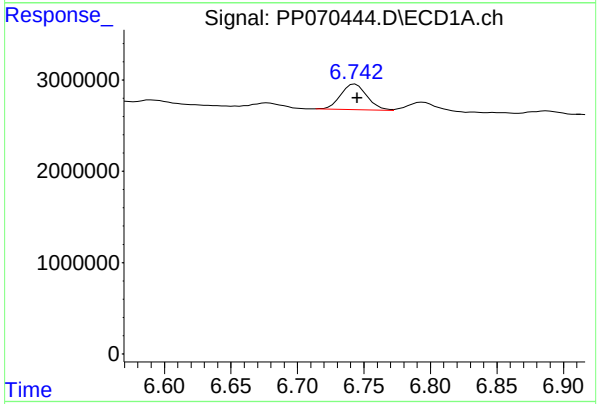
R.T.: 6.527 min
Delta R.T.: -0.002 min
Response: 2919684
Conc: 49.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



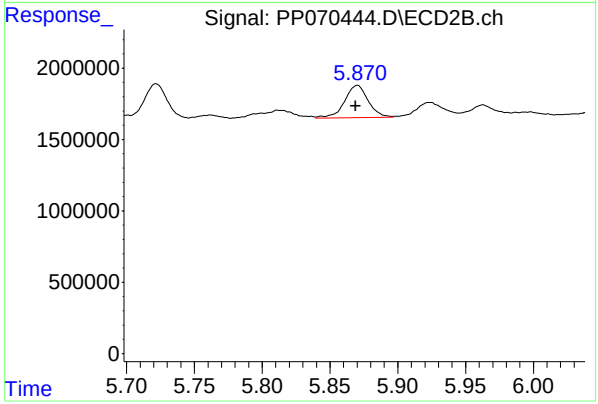
#26 AR-1254-1

R.T.: 5.722 min
Delta R.T.: 0.001 min
Response: 3096335
Conc: 54.78 ng/ml



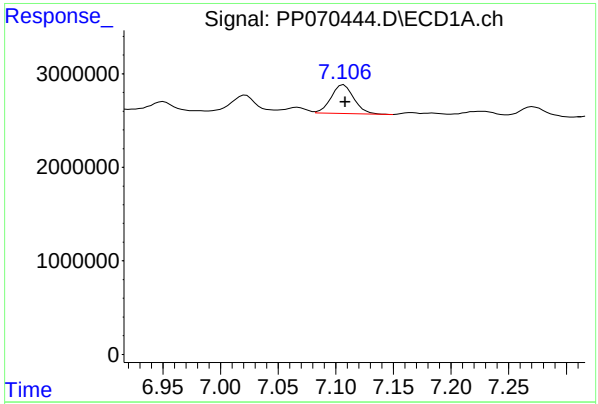
#27 AR-1254-2

R.T.: 6.743 min
Delta R.T.: -0.002 min
Response: 3852617
Conc: 46.00 ng/ml



#27 AR-1254-2

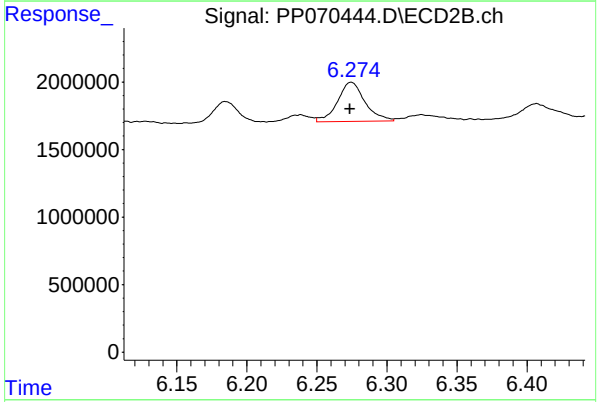
R.T.: 5.870 min
Delta R.T.: 0.001 min
Response: 2719612
Conc: 56.05 ng/ml



#28 AR-1254-3

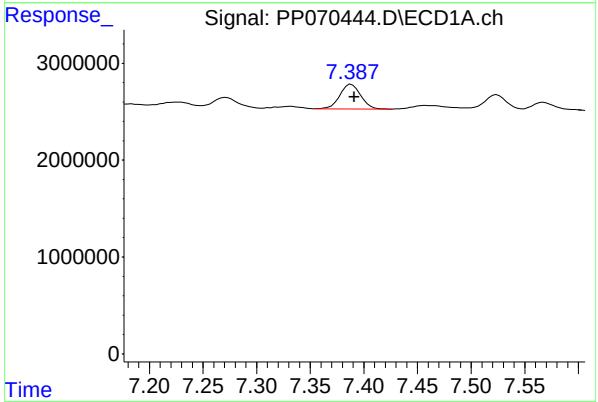
R.T.: 7.107 min
Delta R.T.: -0.001 min
Response: 4209211
Conc: 48.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



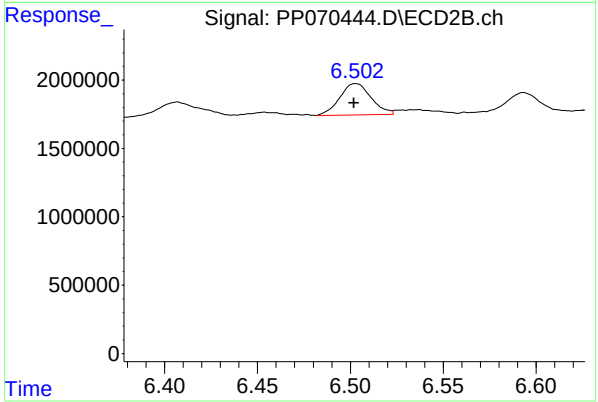
#28 AR-1254-3

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 3937712
Conc: 52.00 ng/ml



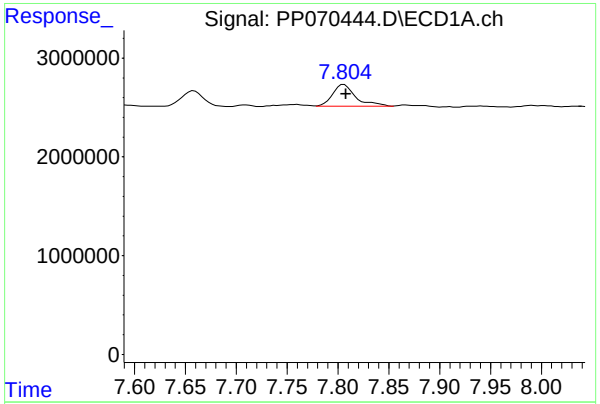
#29 AR-1254-4

R.T.: 7.388 min
Delta R.T.: -0.003 min
Response: 3479126
Conc: 48.57 ng/ml



#29 AR-1254-4

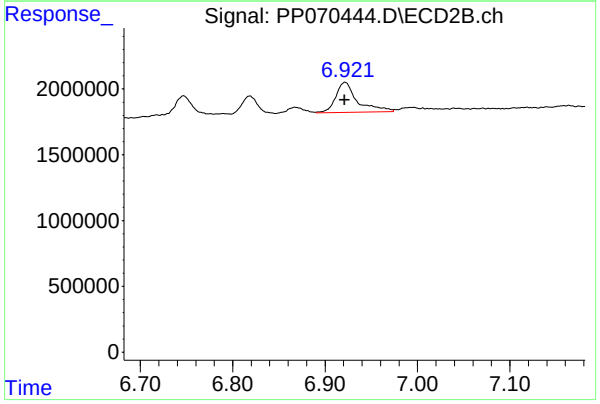
R.T.: 6.503 min
Delta R.T.: 0.000 min
Response: 2689850
Conc: 50.36 ng/ml



#30 AR-1254-5

R.T.: 7.806 min
Delta R.T.: -0.002 mi
Response: 3508468
Conc: 49.38 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



#30 AR-1254-5

R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 3731398
Conc: 54.15 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070445.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 22:16
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:54:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 22:53:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.524	3.828	79987375	50598241	50.000	50.000
2)	SA Decachlor...	10.249	8.880	55265895	53517923	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	8.107	6.960	40859309	41831981	500.000	500.000
37)	L8 AR-1262-2	8.427	7.219	82356816	34364927	500.000	500.000
38)	L8 AR-1262-3	8.745	7.743	56082248	32993103	500.000	500.000
39)	L8 AR-1262-4	8.830	7.808	41901860	52217661	500.000	500.000
40)	L8 AR-1262-5	9.487	8.310	29448112	25775032	500.000	500.000

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

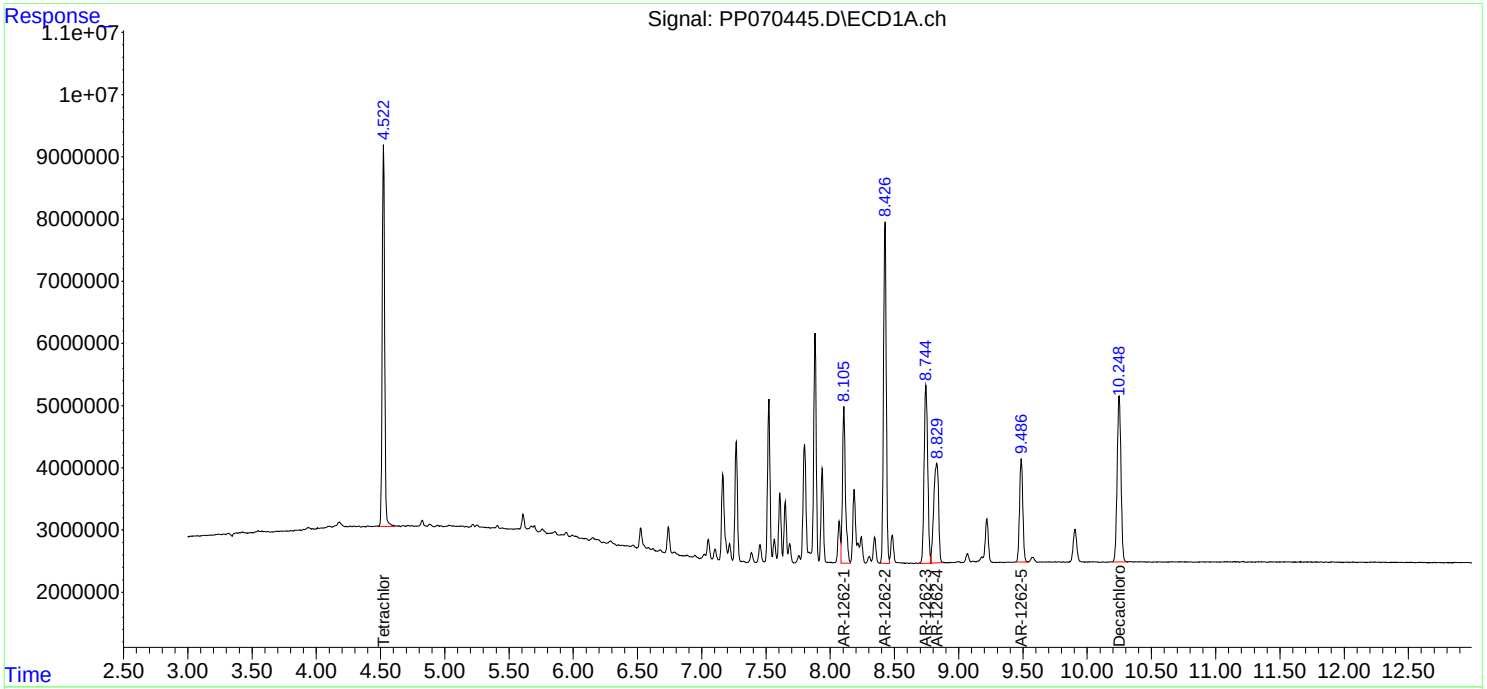
ICAL Form

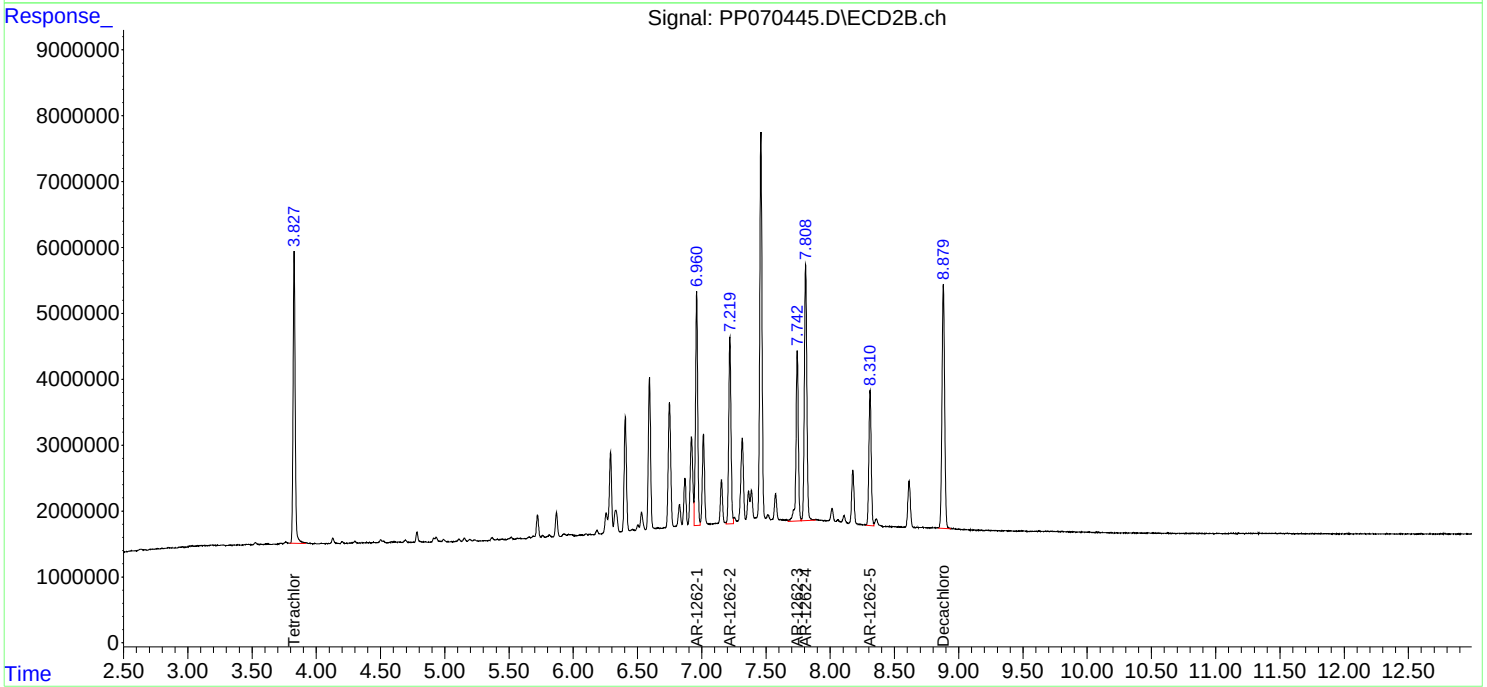
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070445.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 22:16
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 29 Sample Multiplier: 1

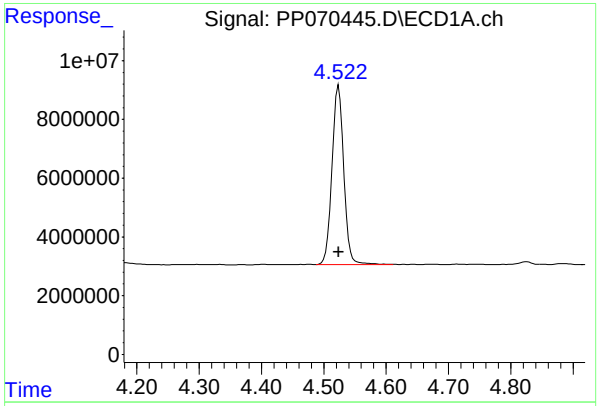
Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:54:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 22:53:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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



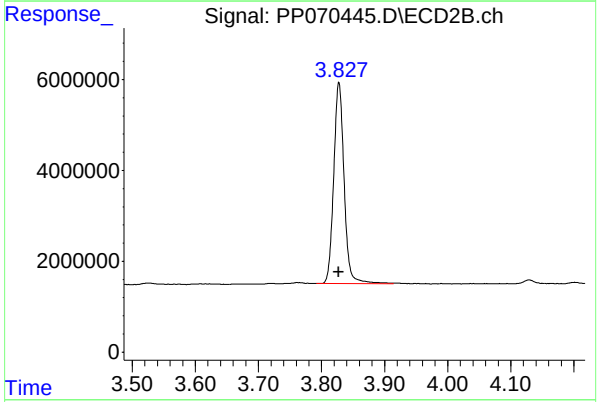




#1 Tetrachloro-m-xylene

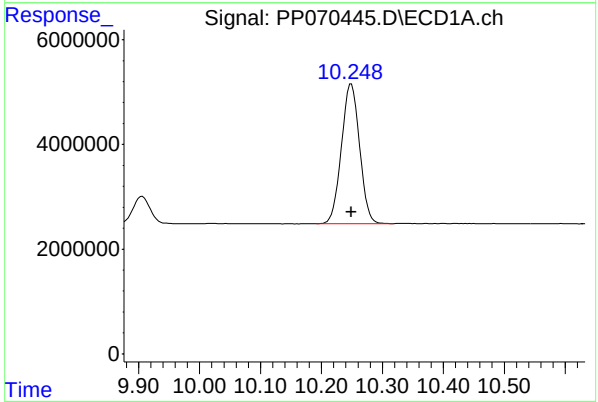
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 79987375
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



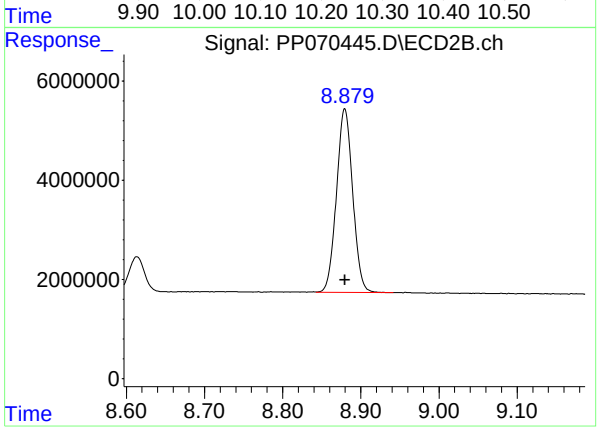
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 50598241
Conc: 50.00 ng/ml



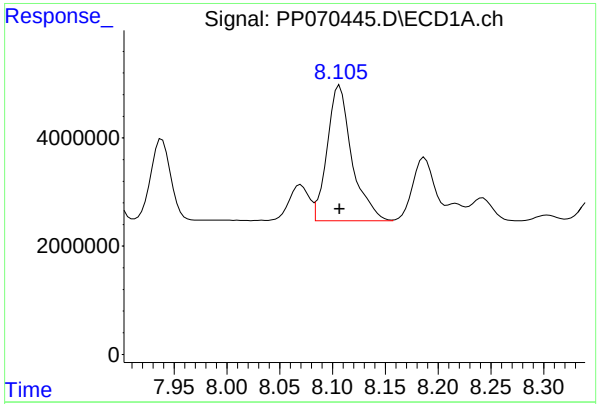
#2 Decachlorobiphenyl

R.T.: 10.249 min
Delta R.T.: 0.000 min
Response: 55265895
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

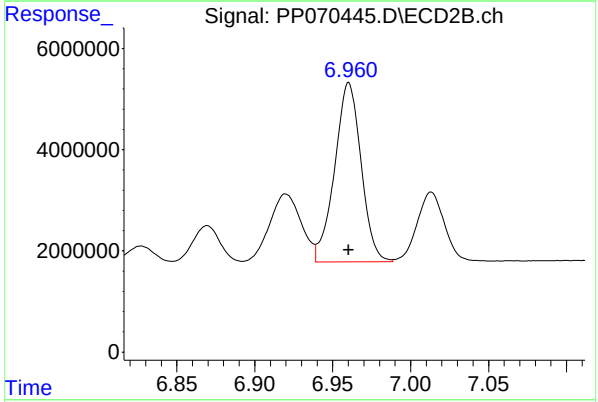
R.T.: 8.880 min
Delta R.T.: 0.000 min
Response: 53517923
Conc: 50.00 ng/ml



#36 AR-1262-1

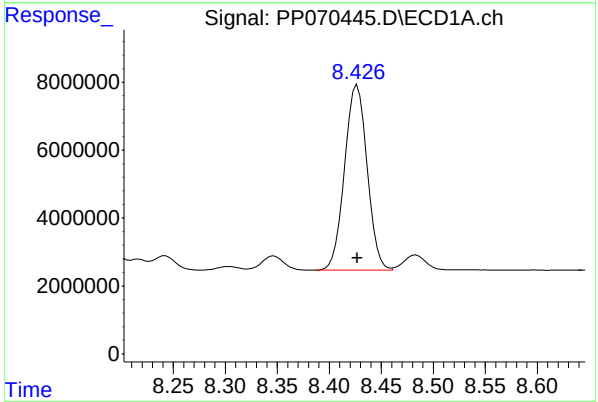
R.T.: 8.107 min
Delta R.T.: 0.000 min
Response: 40859309
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



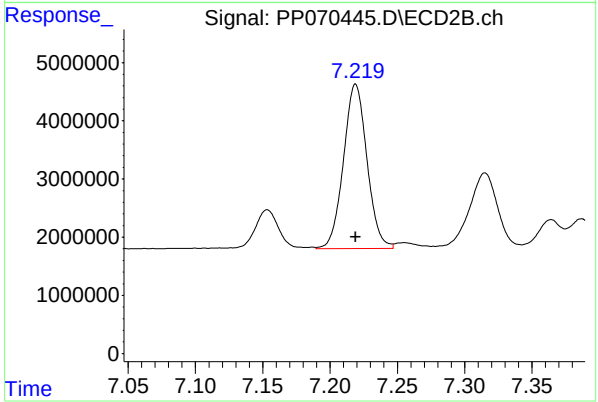
#36 AR-1262-1

R.T.: 6.960 min
Delta R.T.: 0.000 min
Response: 41831981
Conc: 500.00 ng/ml



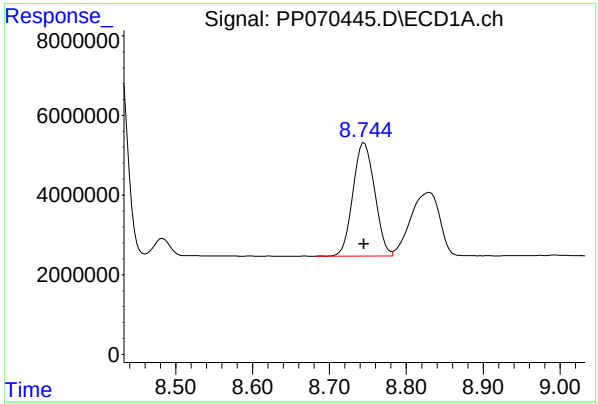
#37 AR-1262-2

R.T.: 8.427 min
Delta R.T.: 0.000 min
Response: 82356816
Conc: 500.00 ng/ml



#37 AR-1262-2

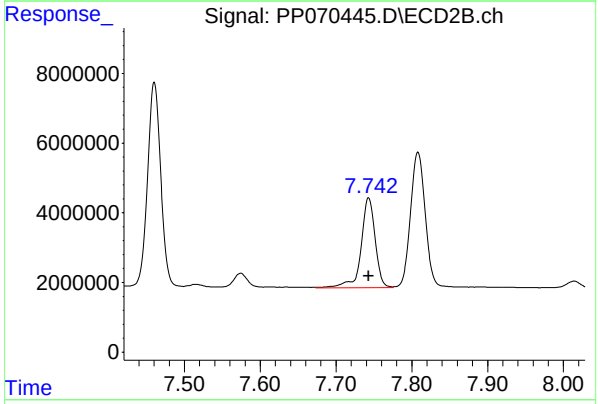
R.T.: 7.219 min
Delta R.T.: 0.000 min
Response: 34364927
Conc: 500.00 ng/ml



#38 AR-1262-3

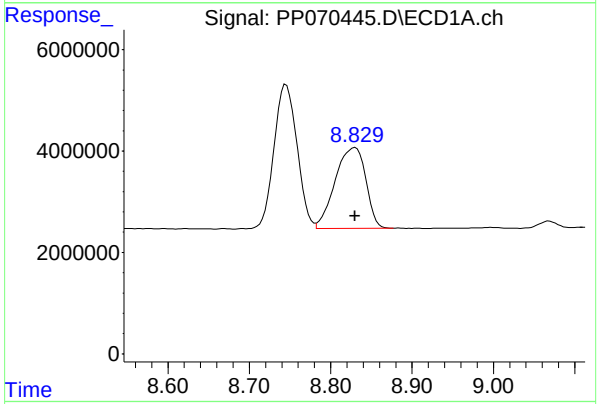
R.T.: 8.745 min
Delta R.T.: 0.000 min
Response: 56082248
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



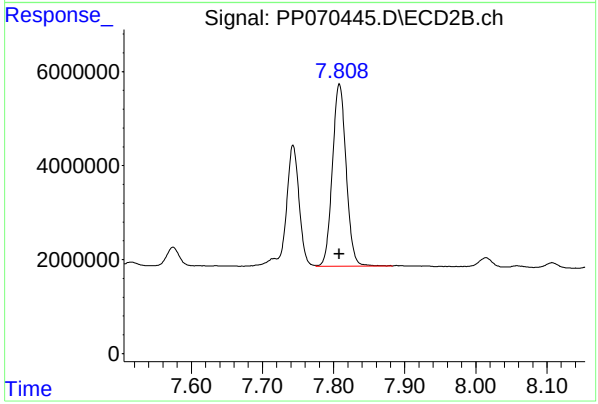
#38 AR-1262-3

R.T.: 7.743 min
Delta R.T.: 0.000 min
Response: 32993103
Conc: 500.00 ng/ml



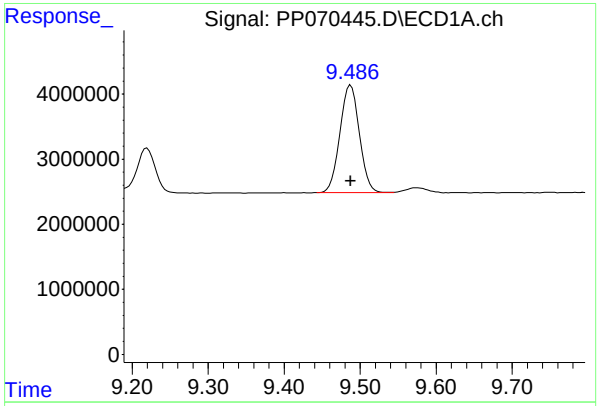
#39 AR-1262-4

R.T.: 8.830 min
Delta R.T.: 0.000 min
Response: 41901860
Conc: 500.00 ng/ml



#39 AR-1262-4

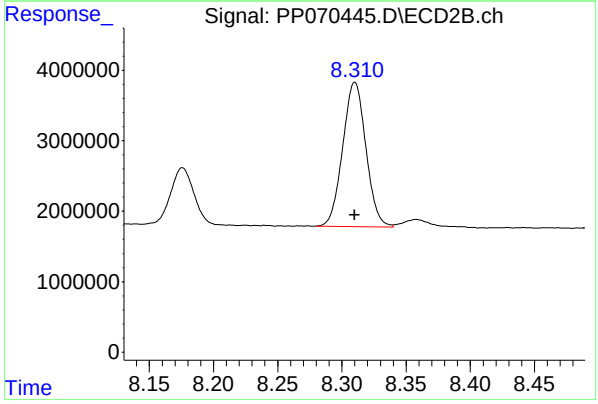
R.T.: 7.808 min
Delta R.T.: 0.000 min
Response: 52217661
Conc: 500.00 ng/ml



#40 AR-1262-5

R.T.: 9.487 min
Delta R.T.: 0.000 mi
Response: 29448112
Conc: 500.00 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



#40 AR-1262-5

R.T.: 8.310 min
Delta R.T.: 0.000 min
Response: 25775032
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070446.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 22:33
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 23:51:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 23:28:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.527	3.827	156.0E6	101.9E6	94.867	92.435
2)	SA Decachlor...	10.254	8.878	179.7E6	163.2E6	93.195	93.675
	Target Compounds						
41)	L9 AR-1268-1	8.745	7.743	188.5E6	168.4E6	935.648	940.387
42)	L9 AR-1268-2	8.839	7.808	162.7E6	142.0E6	939.401	947.708
43)	L9 AR-1268-3	9.072	8.015	140.0E6	125.4E6	934.124	967.486
44)	L9 AR-1268-4	9.491	8.309	62601215	54287293	945.965	955.597
45)	L9 AR-1268-5	9.911	8.613	401.2E6	364.2E6	947.852	962.567

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

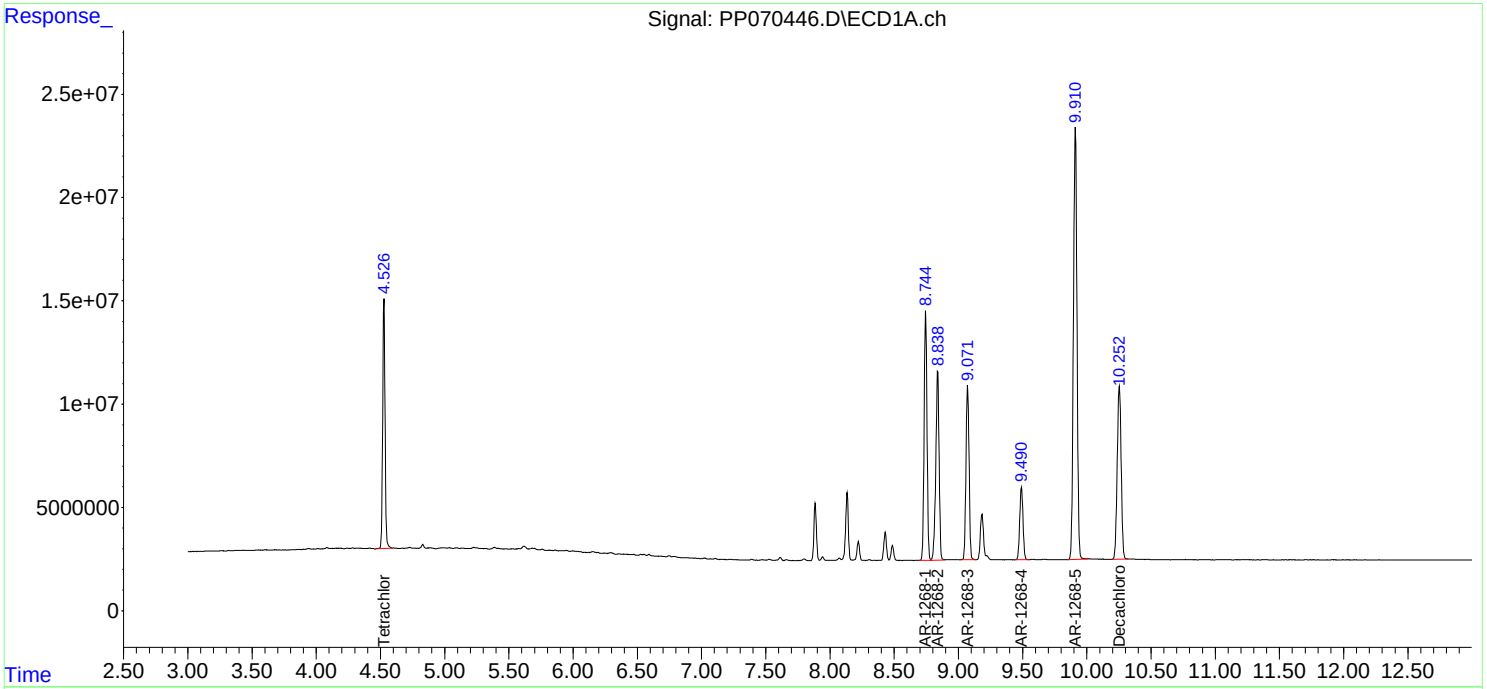
ICAL Form

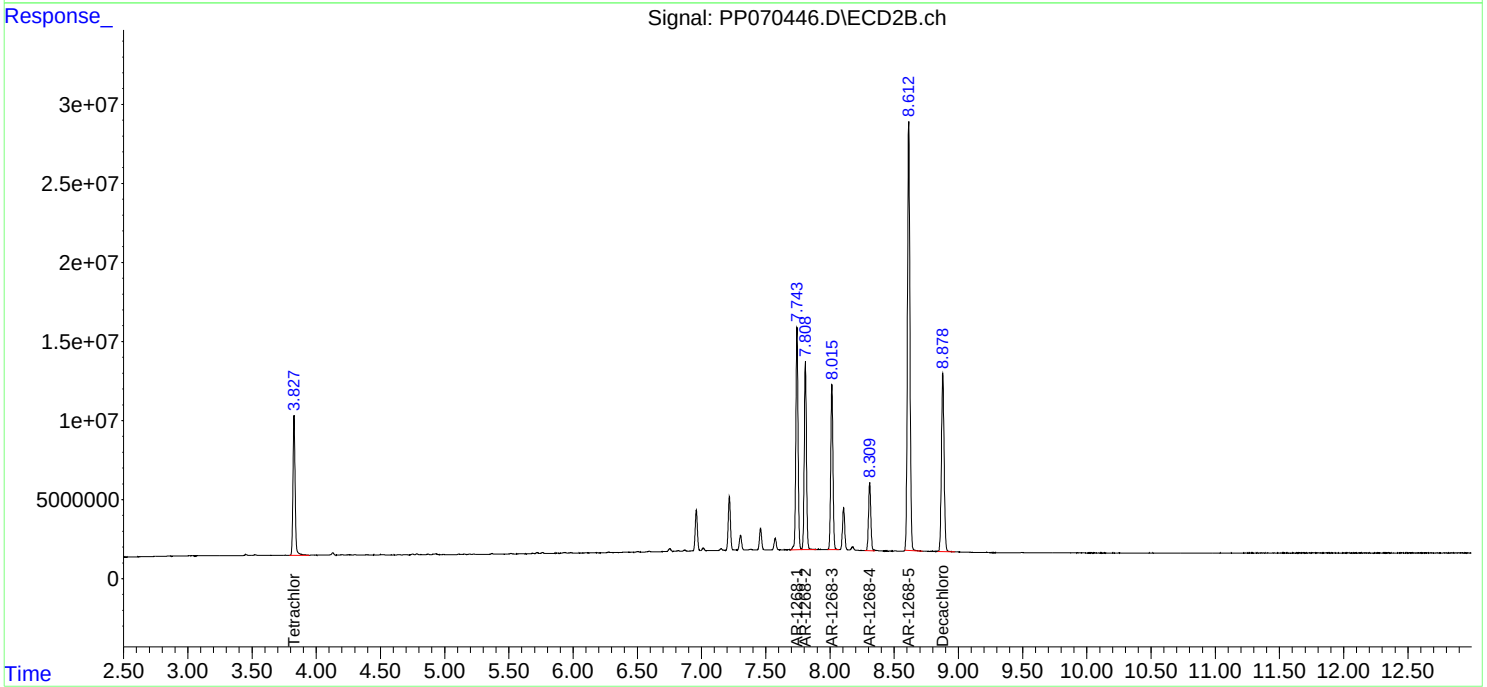
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070446.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 22:33
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 30 Sample Multiplier: 1

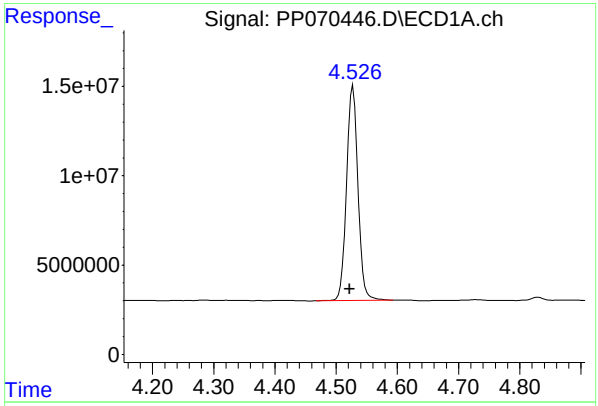
Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 23:51:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 23:28:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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



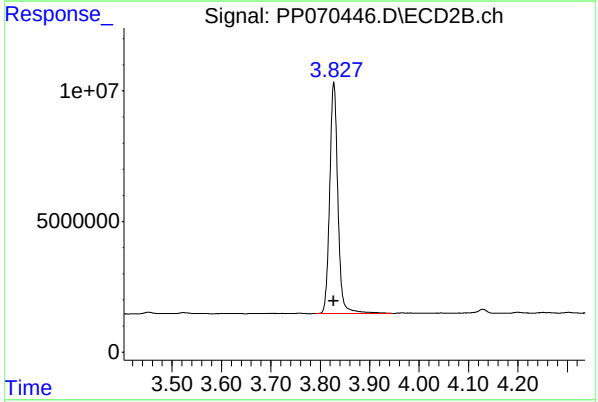




#1 Tetrachloro-m-xylene

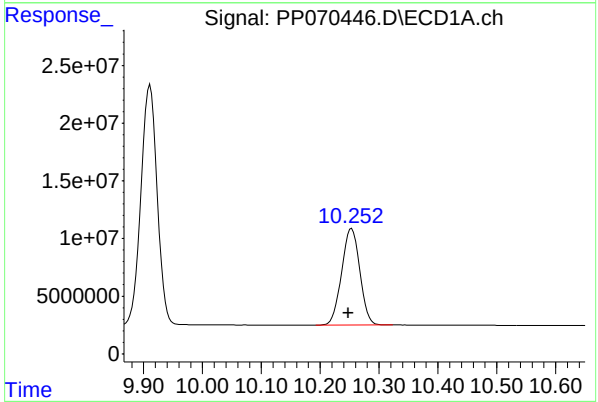
R.T.: 4.527 min
Delta R.T.: 0.005 min
Response: 155964491
Conc: 94.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



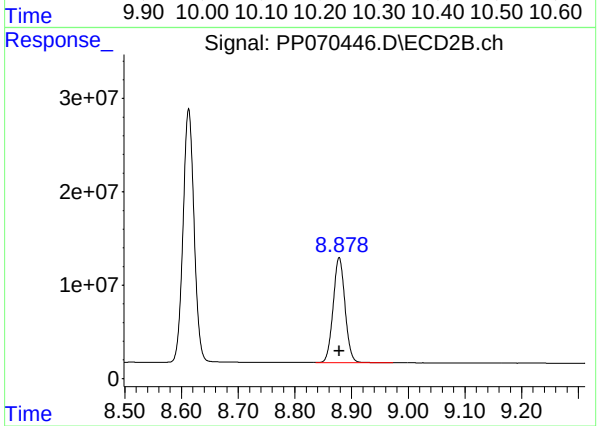
#1 Tetrachloro-m-xylene

R.T.: 3.827 min
Delta R.T.: 0.000 min
Response: 101943210
Conc: 92.43 ng/ml



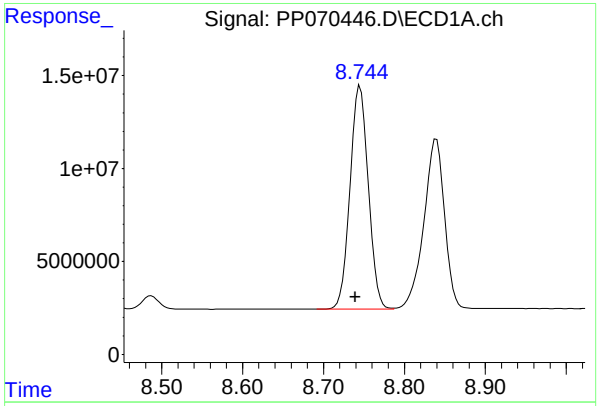
#2 Decachlorobiphenyl

R.T.: 10.254 min
Delta R.T.: 0.005 min
Response: 179730530
Conc: 93.19 ng/ml



#2 Decachlorobiphenyl

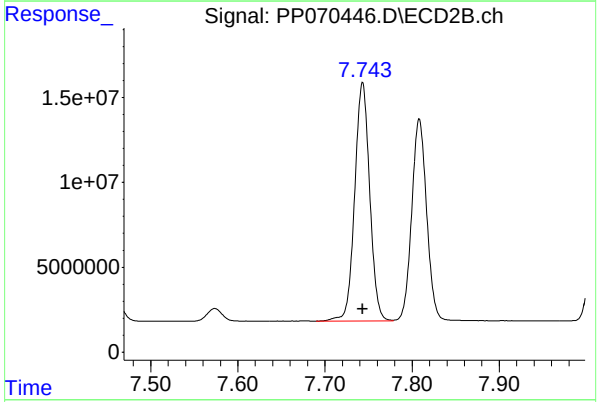
R.T.: 8.878 min
Delta R.T.: 0.000 min
Response: 163211603
Conc: 93.68 ng/ml



#41 AR-1268-1

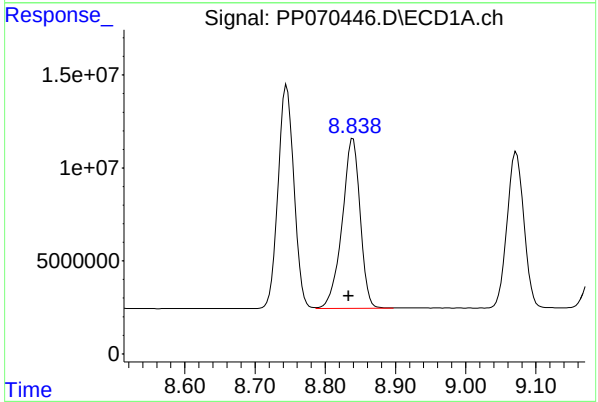
R.T.: 8.745 min
Delta R.T.: 0.006 min
Response: 188529701
Conc: 935.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



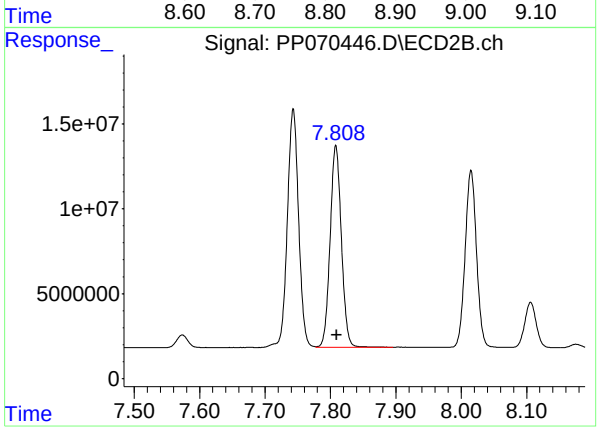
#41 AR-1268-1

R.T.: 7.743 min
Delta R.T.: 0.000 min
Response: 168373725
Conc: 940.39 ng/ml



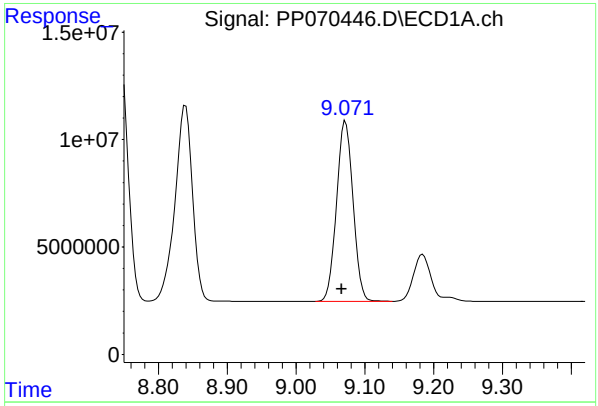
#42 AR-1268-2

R.T.: 8.839 min
Delta R.T.: 0.006 min
Response: 162712211
Conc: 939.40 ng/ml



#42 AR-1268-2

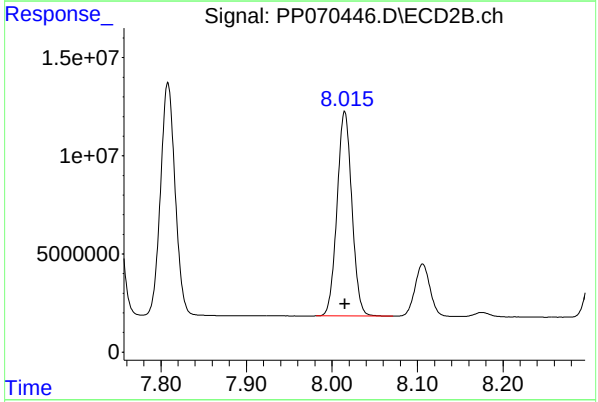
R.T.: 7.808 min
Delta R.T.: 0.000 min
Response: 142006892
Conc: 947.71 ng/ml



#43 AR-1268-3

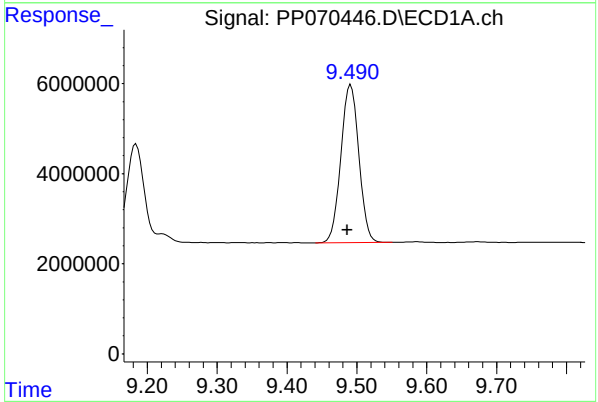
R.T.: 9.072 min
Delta R.T.: 0.006 min
Response: 139964894
Conc: 934.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



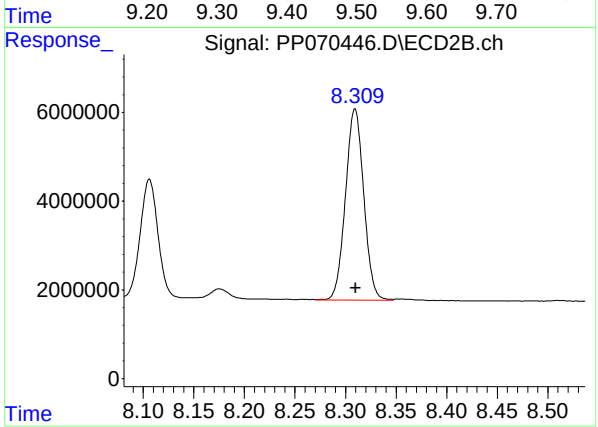
#43 AR-1268-3

R.T.: 8.015 min
Delta R.T.: 0.000 min
Response: 125351560
Conc: 967.49 ng/ml



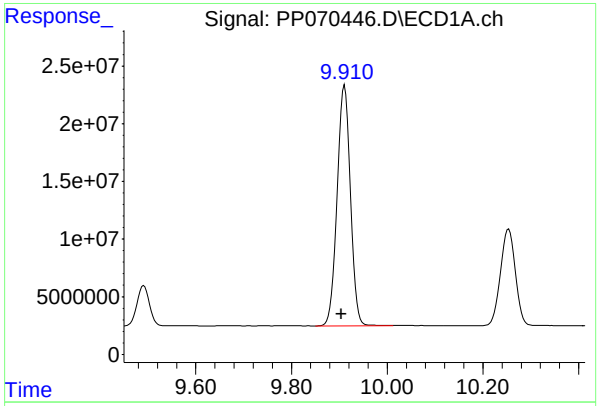
#44 AR-1268-4

R.T.: 9.491 min
Delta R.T.: 0.005 min
Response: 62601215
Conc: 945.97 ng/ml



#44 AR-1268-4

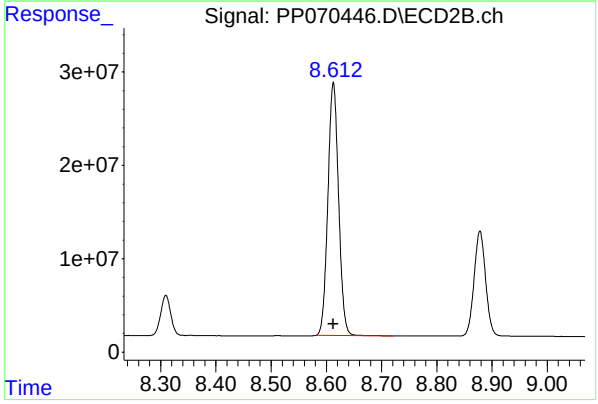
R.T.: 8.309 min
Delta R.T.: 0.000 min
Response: 54287293
Conc: 955.60 ng/ml



#45 AR-1268-5

R.T.: 9.911 min
Delta R.T.: 0.007 min
Response: 401160937
Conc: 947.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



#45 AR-1268-5

R.T.: 8.613 min
Delta R.T.: 0.000 min
Response: 364151928
Conc: 962.57 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070447.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 22:49
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 23:51:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 23:28:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.525	3.828	116.7E6	77586720	71.014	70.350
2)	SA Decachlor...	10.250	8.879	138.1E6	124.4E6	71.630	71.383
	Target Compounds						
41)	L9 AR-1268-1	8.742	7.744	143.6E6	124.5E6	712.768	695.587
42)	L9 AR-1268-2	8.836	7.809	124.1E6	105.1E6	716.292	701.198
43)	L9 AR-1268-3	9.069	8.016	107.0E6	90348904	713.888	697.329
44)	L9 AR-1268-4	9.489	8.309	47447237	39925484	716.974	702.792
45)	L9 AR-1268-5	9.908	8.614	305.7E6	271.7E6	722.384	718.128

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

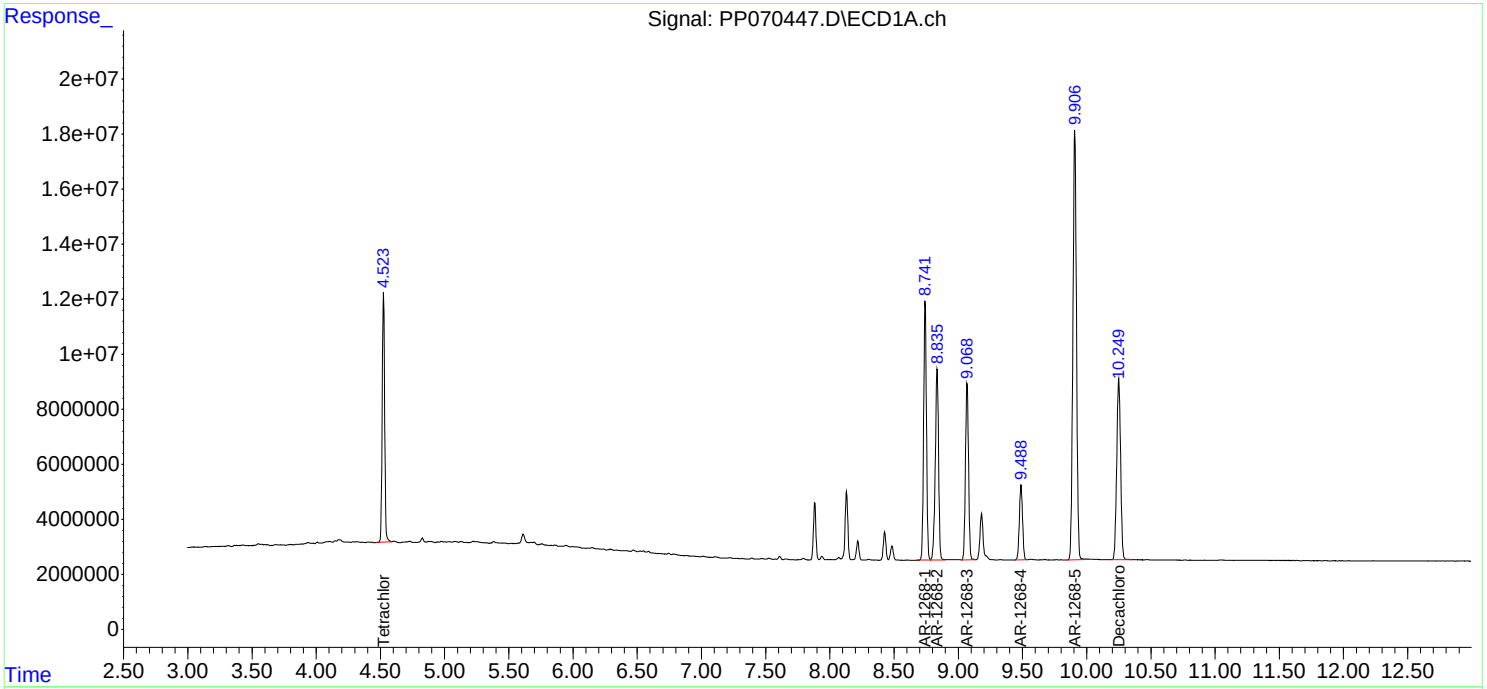
ICAL Form

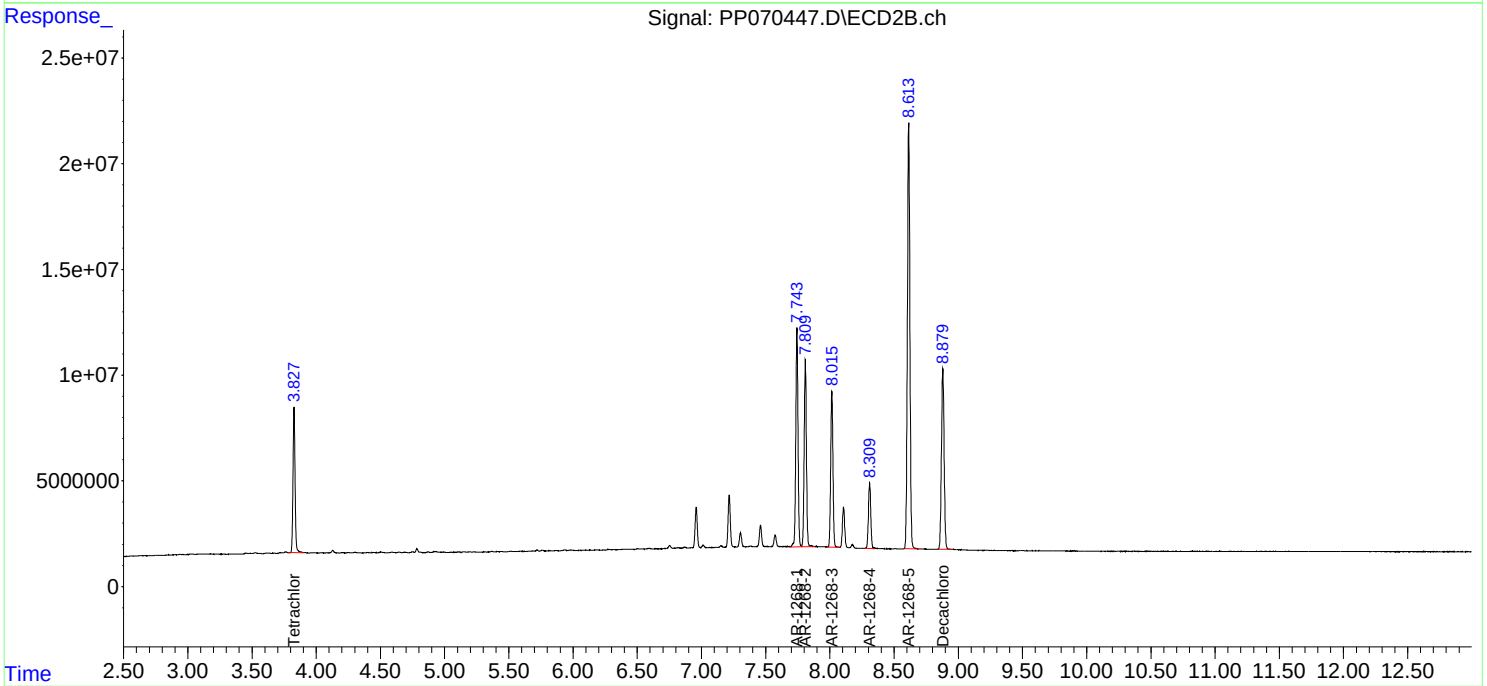
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070447.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 22:49
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 31 Sample Multiplier: 1

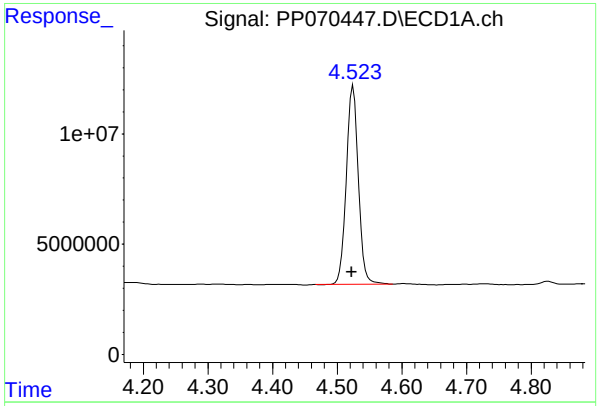
Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 23:51:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 23:28:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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



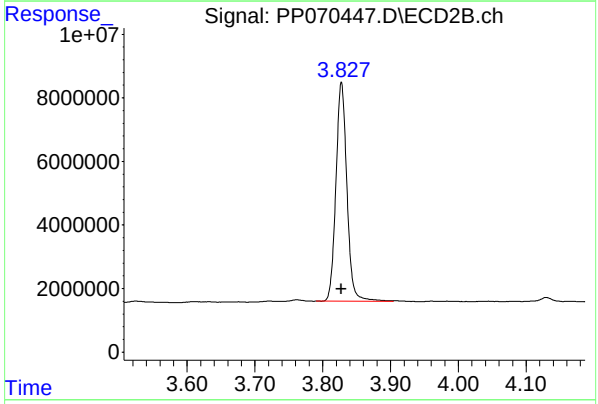




#1 Tetrachloro-m-xylene

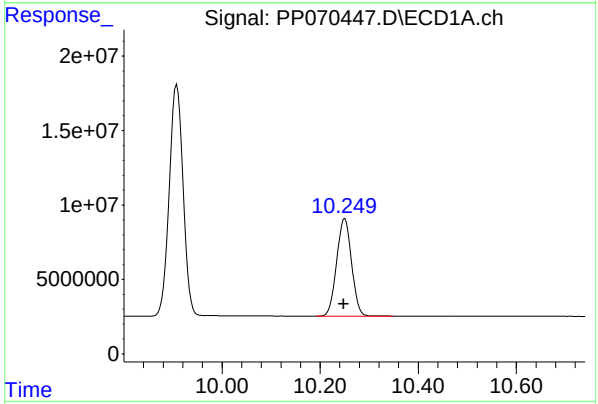
R.T.: 4.525 min
Delta R.T.: 0.003 min
Response: 116749803
Conc: 71.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



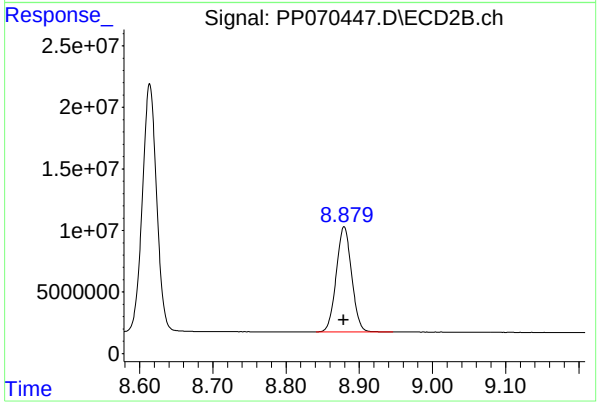
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 77586720
Conc: 70.35 ng/ml



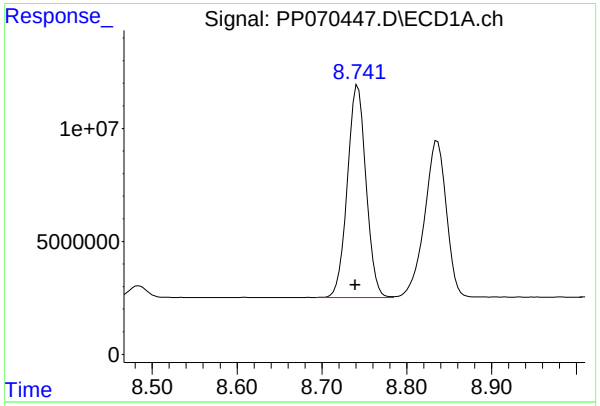
#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: 0.002 min
Response: 138141204
Conc: 71.63 ng/ml



#2 Decachlorobiphenyl

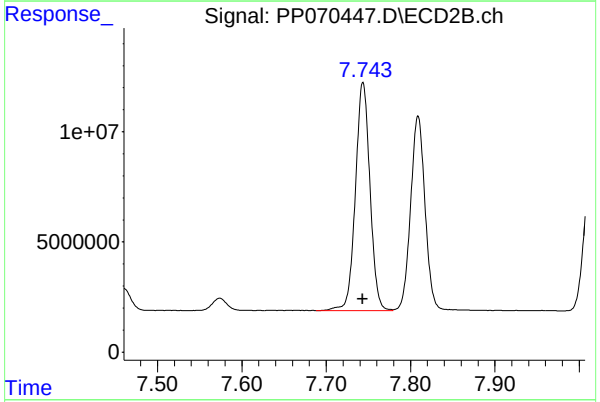
R.T.: 8.879 min
Delta R.T.: 0.000 min
Response: 124371034
Conc: 71.38 ng/ml



#41 AR-1268-1

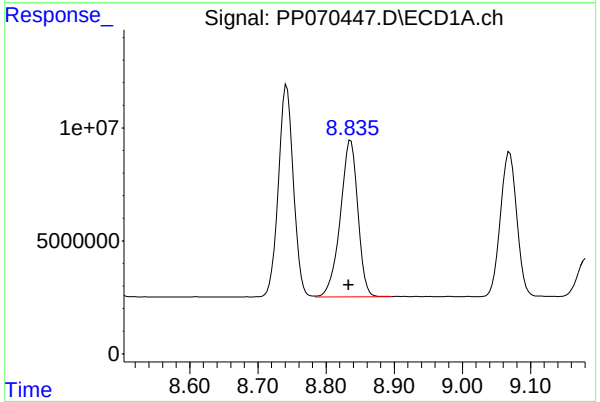
R.T.: 8.742 min
Delta R.T.: 0.003 min
Response: 143620217
Conc: 712.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



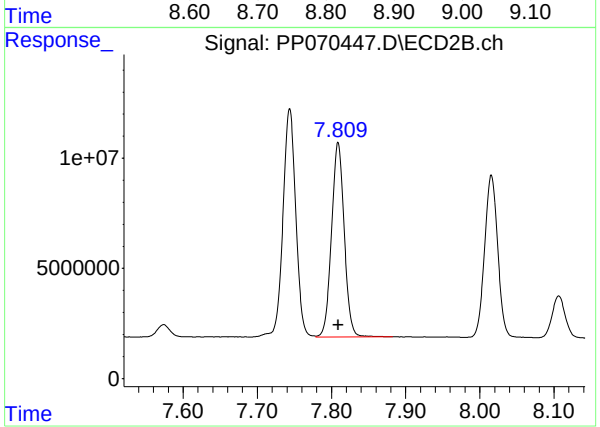
#41 AR-1268-1

R.T.: 7.744 min
Delta R.T.: 0.000 min
Response: 124542867
Conc: 695.59 ng/ml



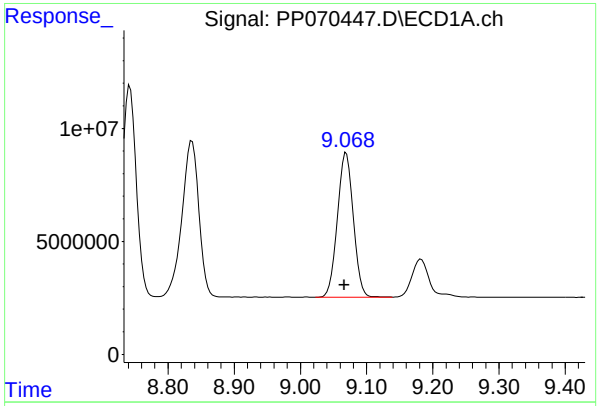
#42 AR-1268-2

R.T.: 8.836 min
Delta R.T.: 0.003 min
Response: 124067871
Conc: 716.29 ng/ml



#42 AR-1268-2

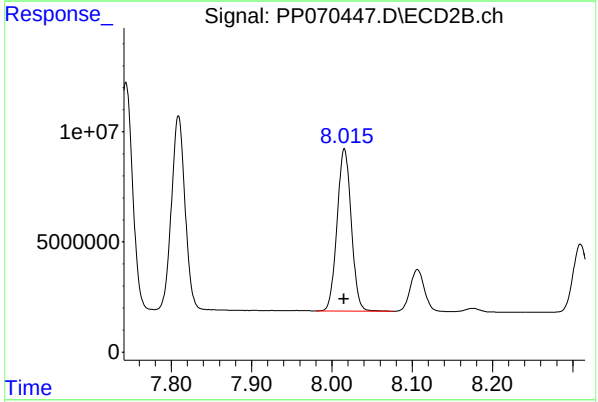
R.T.: 7.809 min
Delta R.T.: 0.000 min
Response: 105069147
Conc: 701.20 ng/ml



#43 AR-1268-3

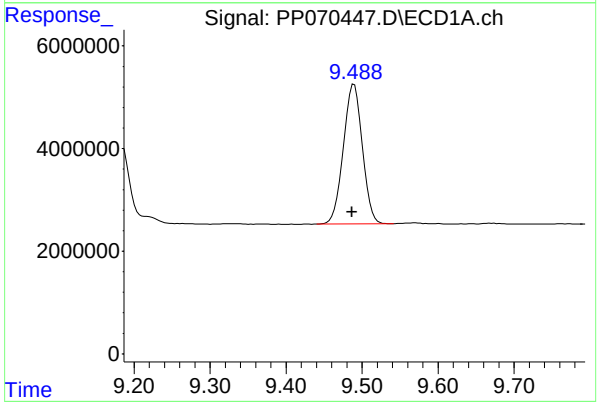
R.T.: 9.069 min
Delta R.T.: 0.003 min
Response: 106965737
Conc: 713.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



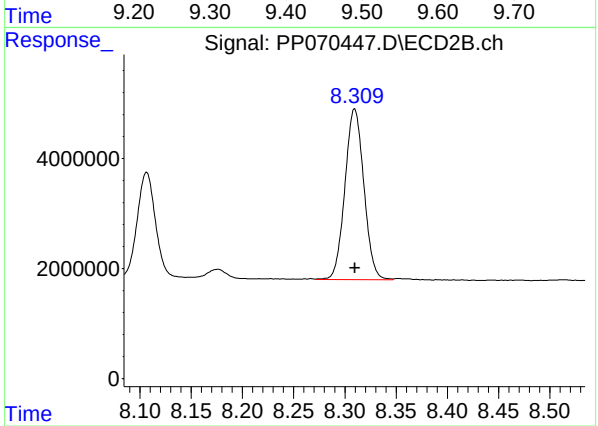
#43 AR-1268-3

R.T.: 8.016 min
Delta R.T.: 0.000 min
Response: 90348904
Conc: 697.33 ng/ml



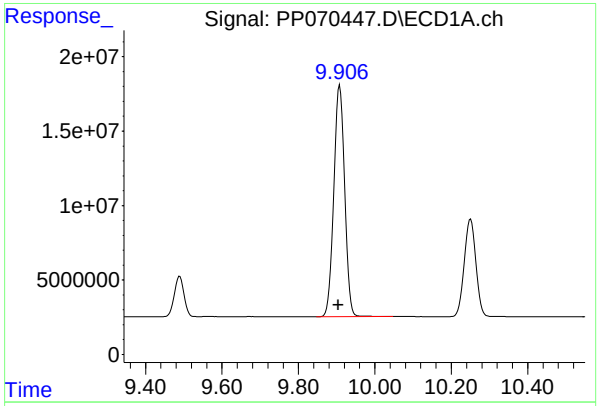
#44 AR-1268-4

R.T.: 9.489 min
Delta R.T.: 0.003 min
Response: 47447237
Conc: 716.97 ng/ml



#44 AR-1268-4

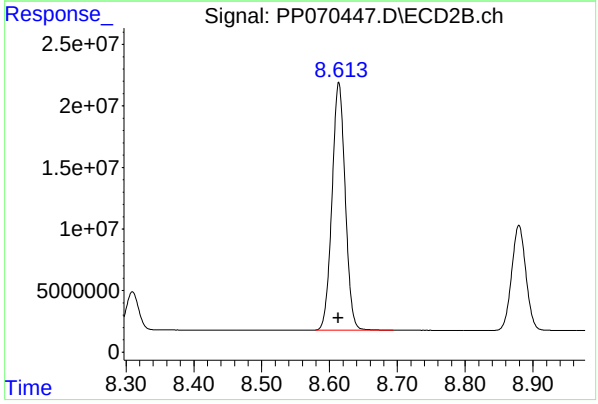
R.T.: 8.309 min
Delta R.T.: 0.000 min
Response: 39925484
Conc: 702.79 ng/ml



#45 AR-1268-5

R.T.: 9.908 min
Delta R.T.: 0.003 min
Response: 305735587
Conc: 722.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



#45 AR-1268-5

R.T.: 8.614 min
Delta R.T.: 0.000 min
Response: 271677616
Conc: 718.13 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070448.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 23:05
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 23:51:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 23:28:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.522	3.827	82202011	55143422	50.000	50.000
2)	SA Decachlor...	10.248	8.879	96427272	87115877	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	8.740	7.743	100.7E6	89523621	500.000	500.000
42)	L9 AR-1268-2	8.833	7.809	86604260	74921217	500.000	500.000
43)	L9 AR-1268-3	9.066	8.015	74917746	64782125	500.000	500.000
44)	L9 AR-1268-4	9.487	8.310	33088538	28404907	500.000	500.000
45)	L9 AR-1268-5	9.904	8.613	211.6E6	189.2E6	500.000	500.000

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

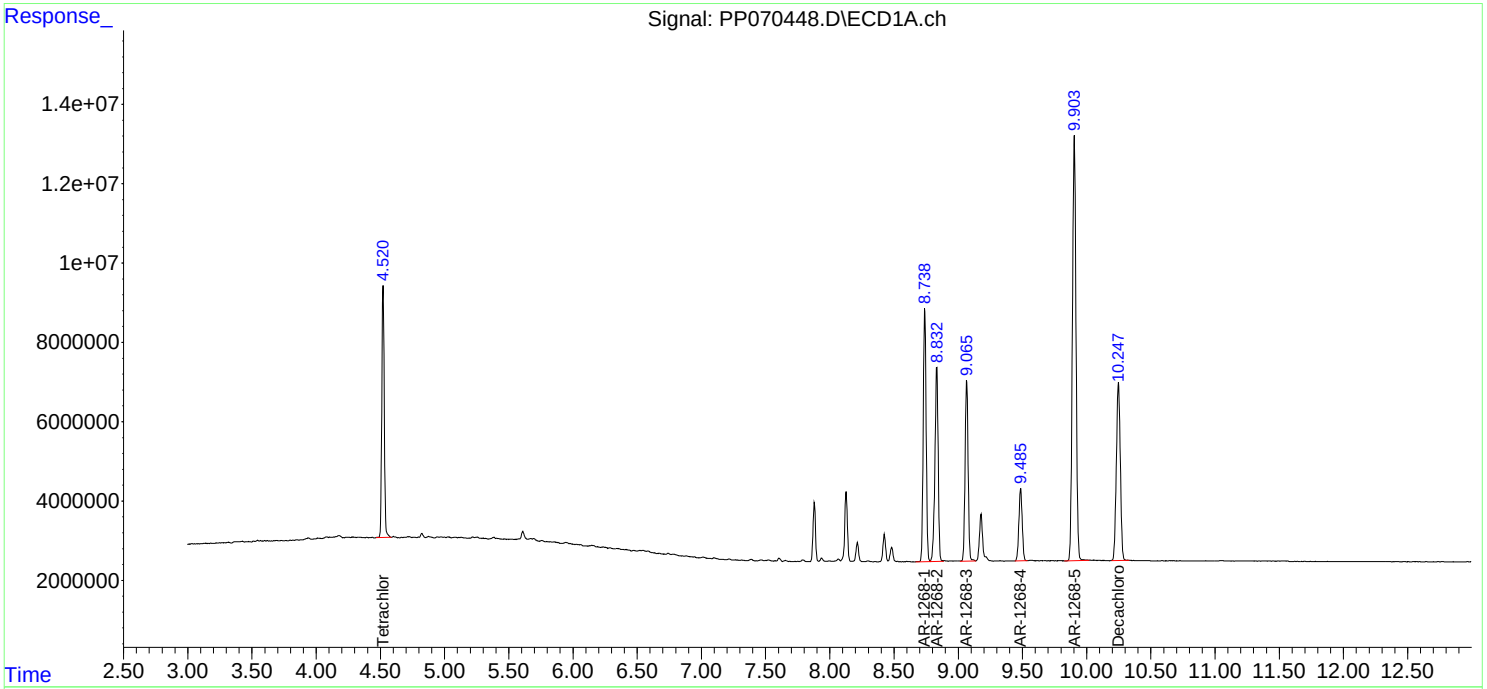
ICAL Form

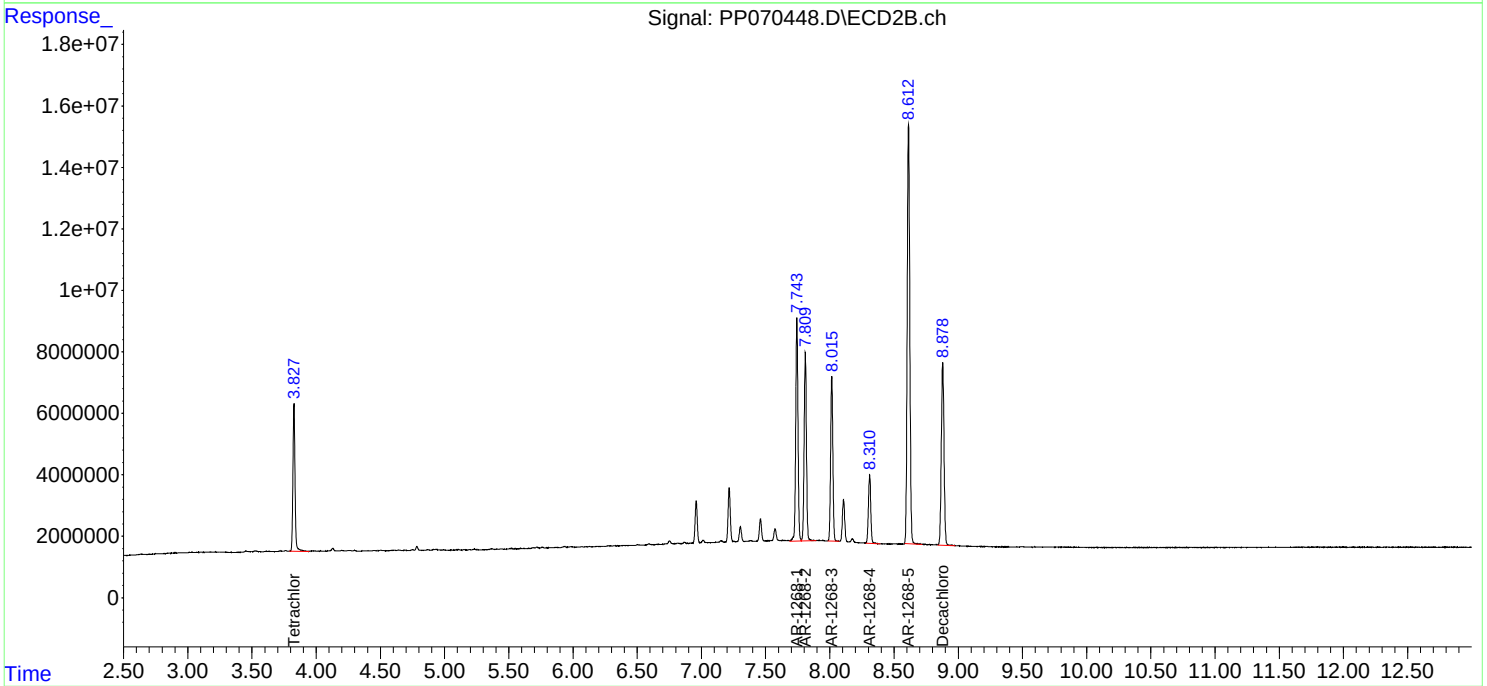
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070448.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 23:05
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 32 Sample Multiplier: 1

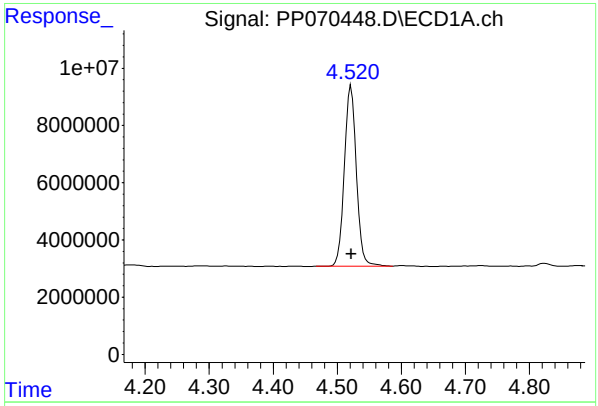
Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 23:51:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 23:28:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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



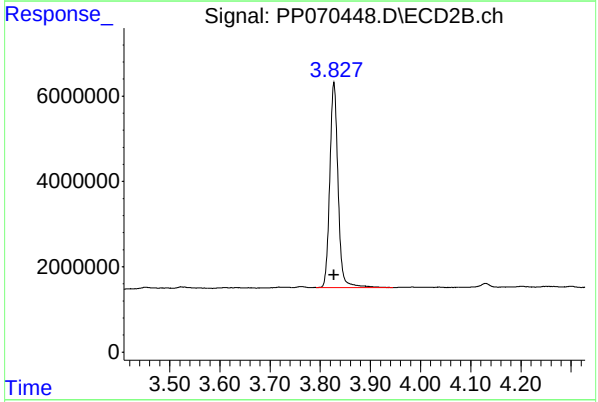




#1 Tetrachloro-m-xylene

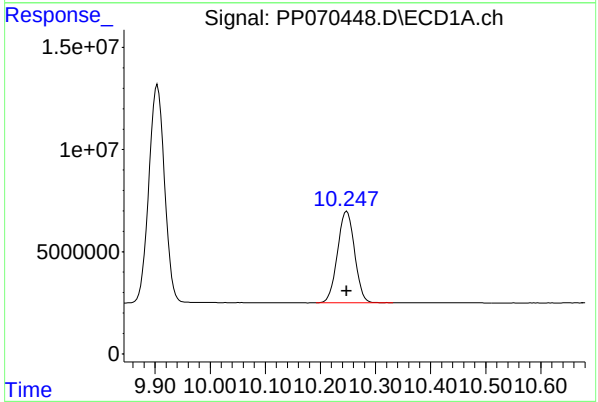
R.T.: 4.522 min
Delta R.T.: 0.000 min
Response: 82202011
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



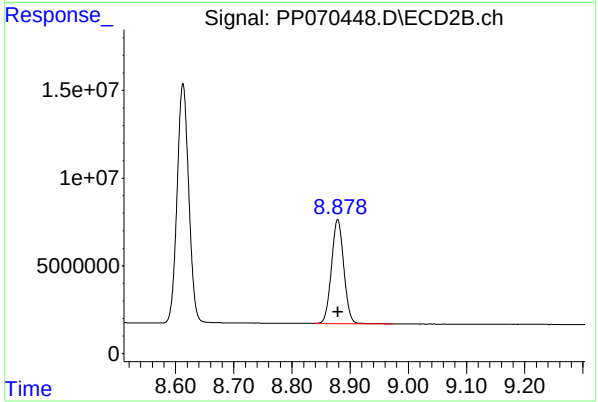
#1 Tetrachloro-m-xylene

R.T.: 3.827 min
Delta R.T.: 0.000 min
Response: 55143422
Conc: 50.00 ng/ml



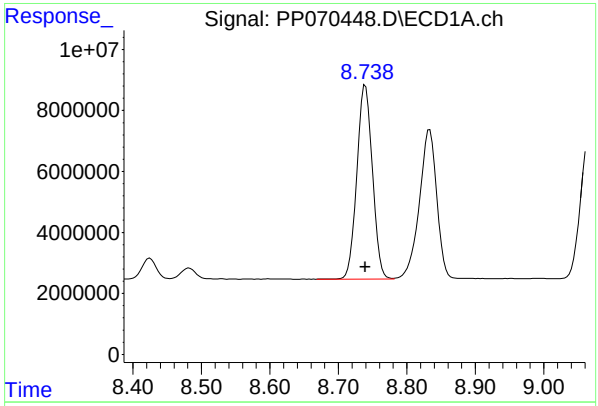
#2 Decachlorobiphenyl

R.T.: 10.248 min
Delta R.T.: 0.000 min
Response: 96427272
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

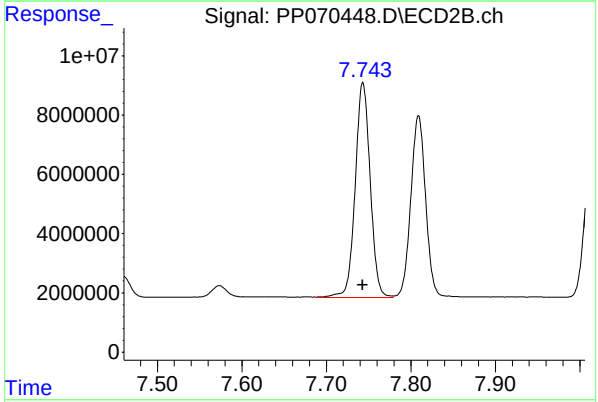
R.T.: 8.879 min
Delta R.T.: 0.000 min
Response: 87115877
Conc: 50.00 ng/ml



#41 AR-1268-1

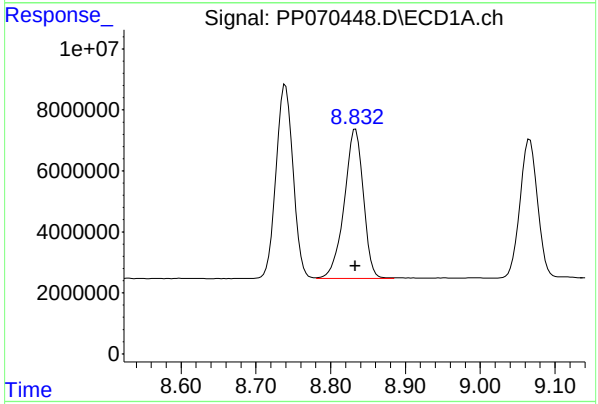
R.T.: 8.740 min
Delta R.T.: 0.000 min
Response: 100748213
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



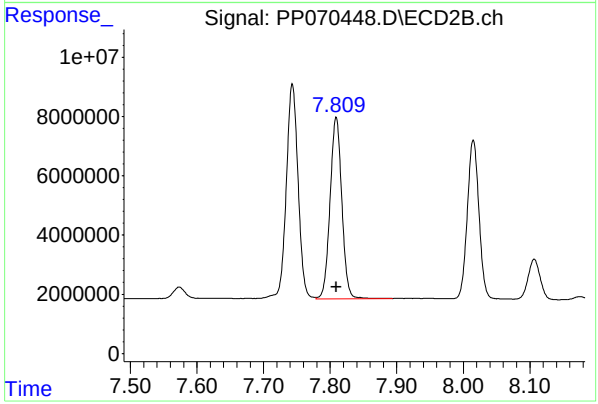
#41 AR-1268-1

R.T.: 7.743 min
Delta R.T.: 0.000 min
Response: 89523621
Conc: 500.00 ng/ml



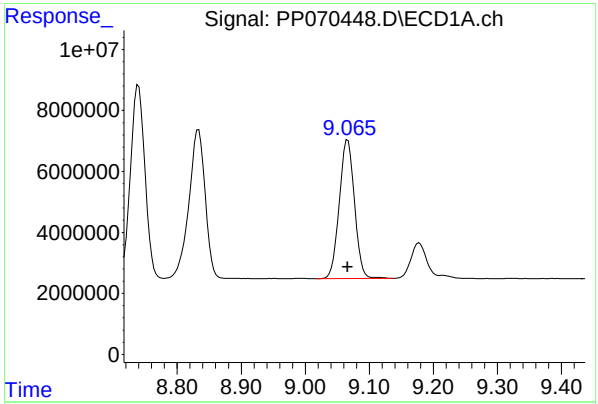
#42 AR-1268-2

R.T.: 8.833 min
Delta R.T.: 0.000 min
Response: 86604260
Conc: 500.00 ng/ml



#42 AR-1268-2

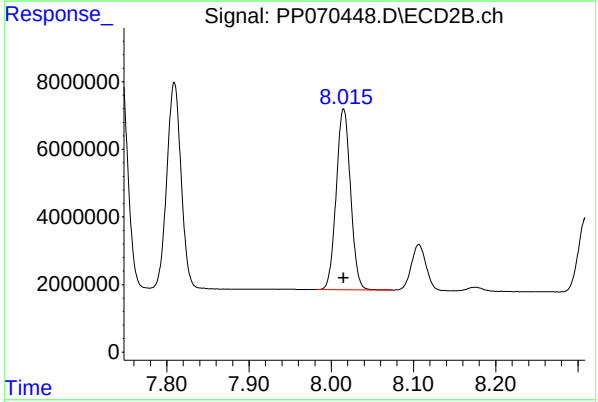
R.T.: 7.809 min
Delta R.T.: 0.000 min
Response: 74921217
Conc: 500.00 ng/ml



#43 AR-1268-3

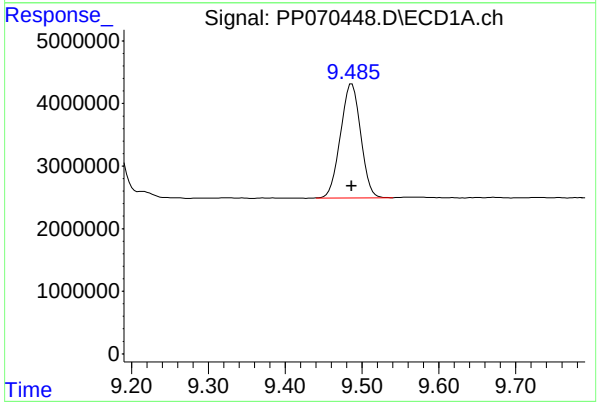
R.T.: 9.066 min
Delta R.T.: 0.000 min
Response: 74917746
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



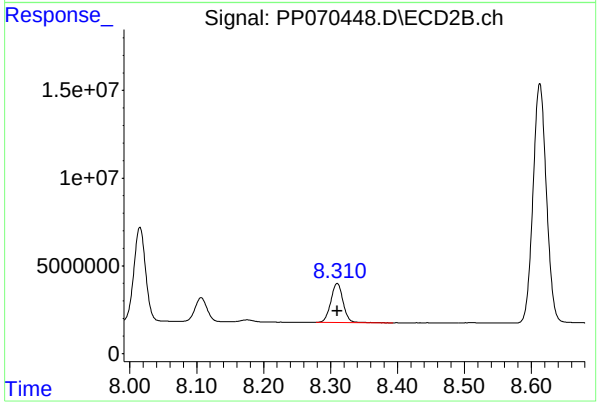
#43 AR-1268-3

R.T.: 8.015 min
Delta R.T.: 0.000 min
Response: 64782125
Conc: 500.00 ng/ml



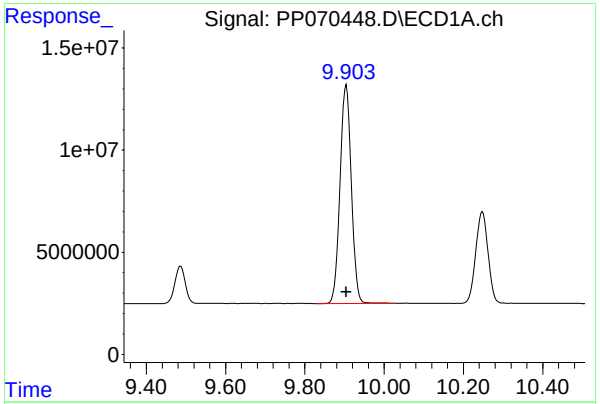
#44 AR-1268-4

R.T.: 9.487 min
Delta R.T.: 0.000 min
Response: 33088538
Conc: 500.00 ng/ml



#44 AR-1268-4

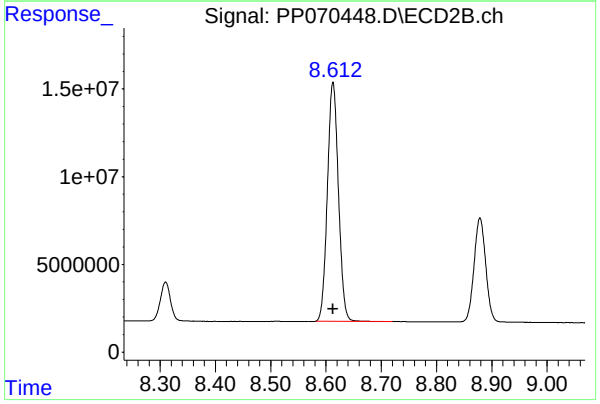
R.T.: 8.310 min
Delta R.T.: 0.000 min
Response: 28404907
Conc: 500.00 ng/ml



#45 AR-1268-5

R.T.: 9.904 min
Delta R.T.: 0.000 min
Response: 211615812
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



#45 AR-1268-5

R.T.: 8.613 min
Delta R.T.: 0.000 min
Response: 189156722
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070449.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 23:22
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 23:51:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 23:28:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.523	3.826	42716878	29621715	25.983	26.859
2)	SA Decachlor...	10.248	8.877	50455822	45920300	26.163	26.356
	Target Compounds						
41)	L9 AR-1268-1	8.741	7.742	52769831	46752818	261.890	261.120
42)	L9 AR-1268-2	8.834	7.808	45106498	38372677	260.417	256.087
43)	L9 AR-1268-3	9.067	8.014	38921973	33274907	259.765	256.822
44)	L9 AR-1268-4	9.486	8.308	16901246	14619988	255.394	257.350
45)	L9 AR-1268-5	9.905	8.612	110.8E6	95223241	261.876	251.705

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

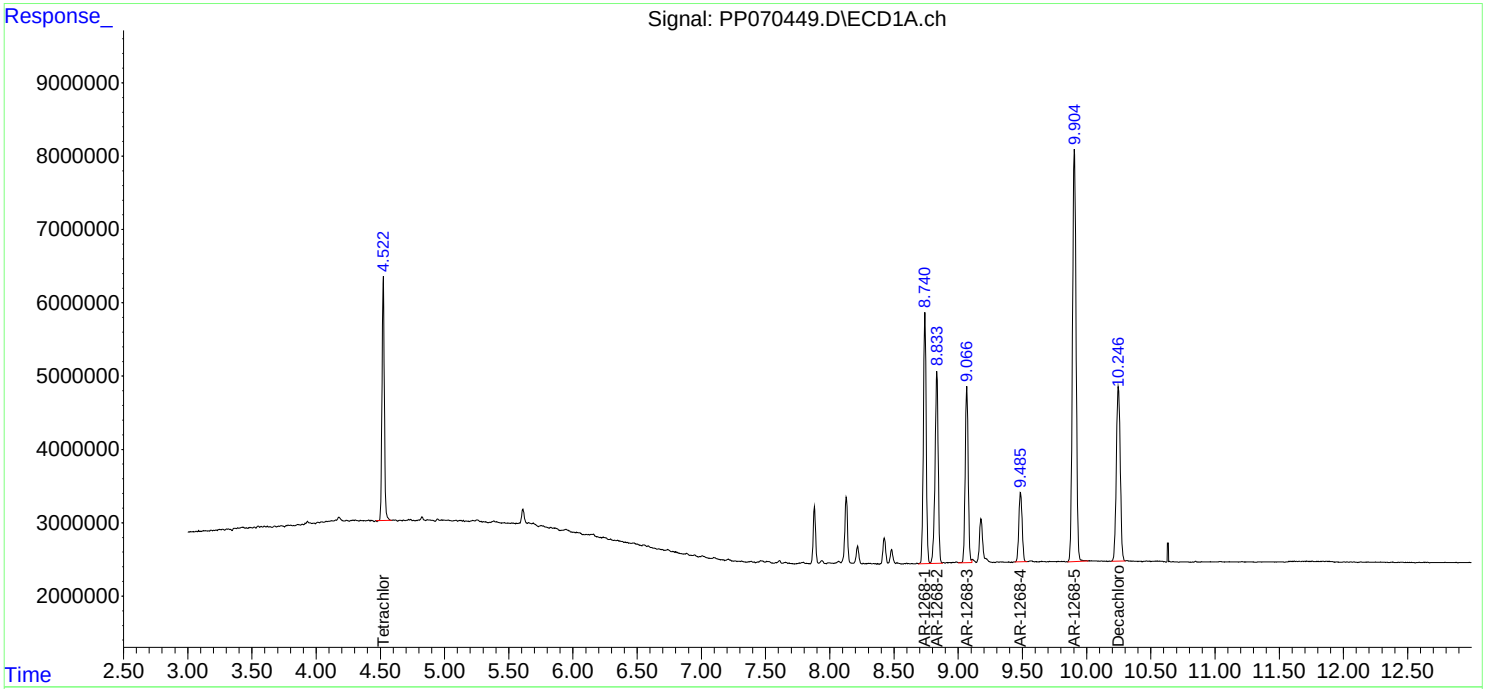
ICAL Form

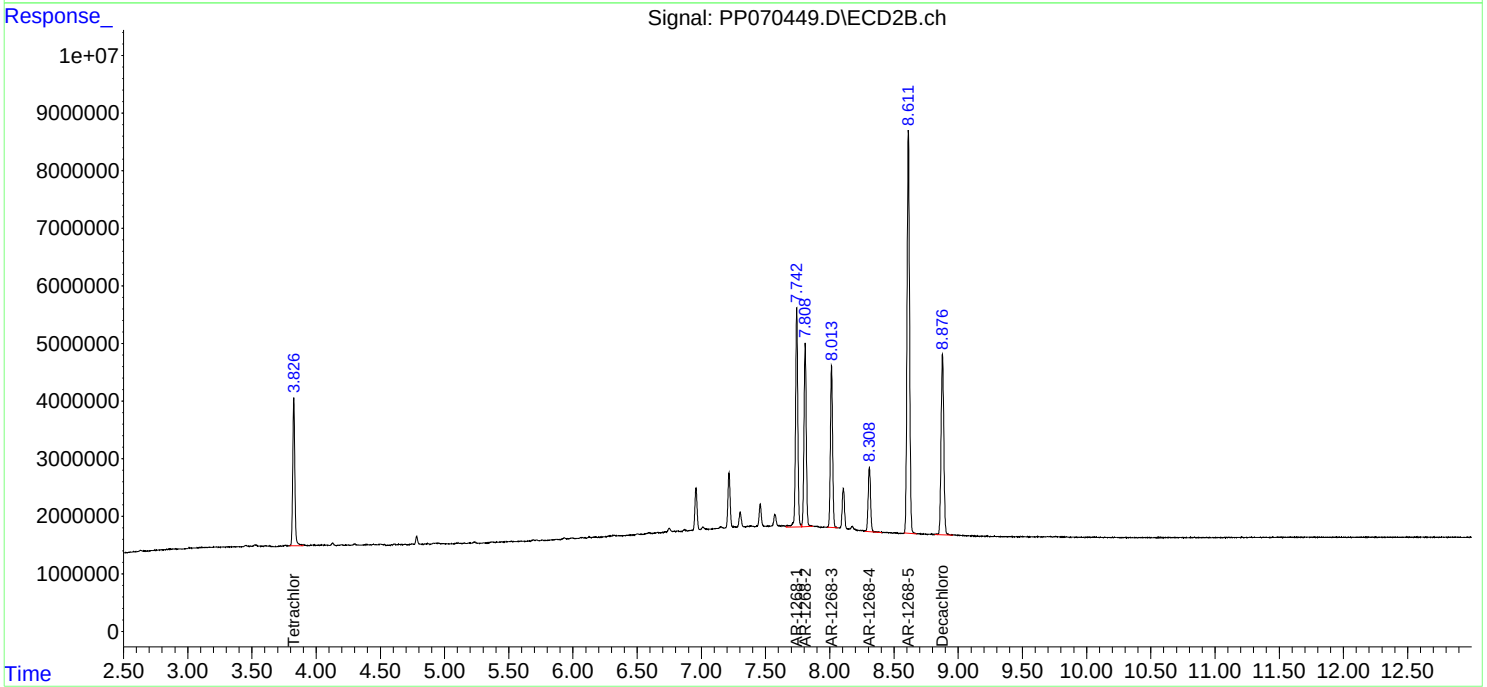
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070449.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 23:22
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 33 Sample Multiplier: 1

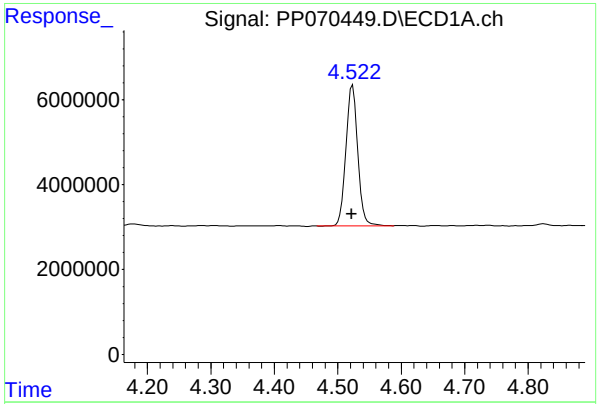
Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 23:51:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 23:28:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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



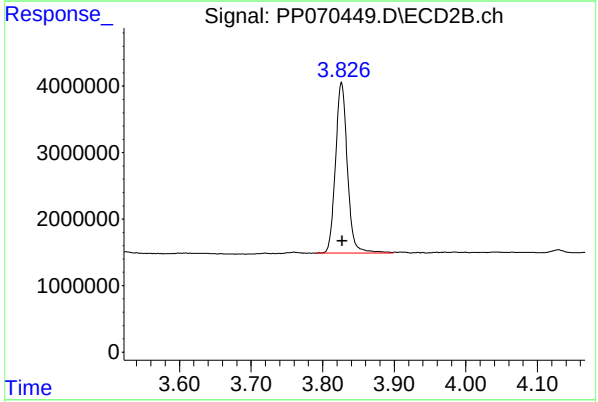




#1 Tetrachloro-m-xylene

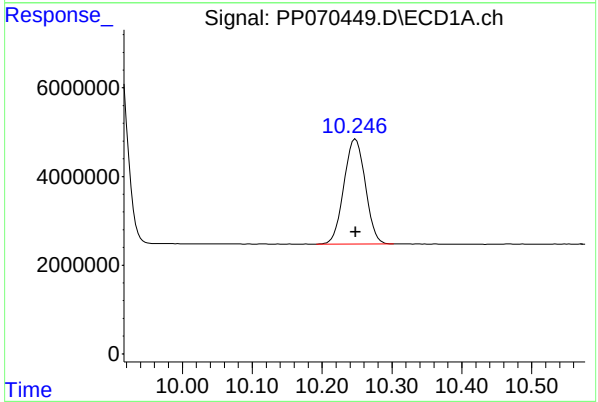
R.T.: 4.523 min
Delta R.T.: 0.001 min
Response: 42716878
Conc: 25.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



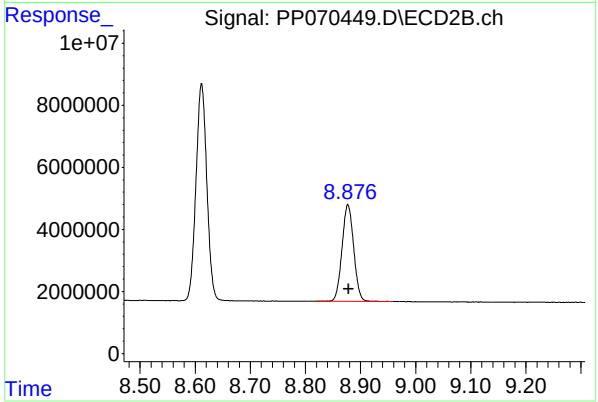
#1 Tetrachloro-m-xylene

R.T.: 3.826 min
Delta R.T.: -0.001 min
Response: 29621715
Conc: 26.86 ng/ml



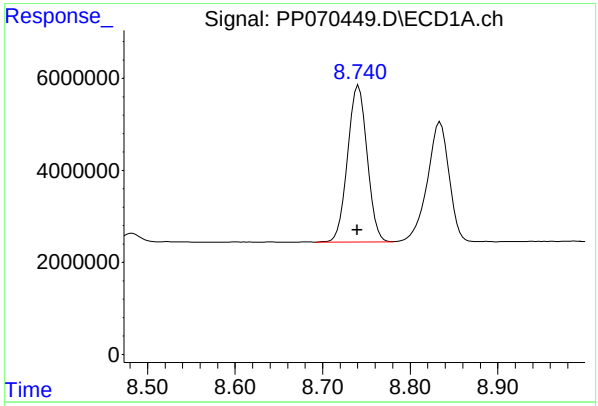
#2 Decachlorobiphenyl

R.T.: 10.248 min
Delta R.T.: 0.000 min
Response: 50455822
Conc: 26.16 ng/ml



#2 Decachlorobiphenyl

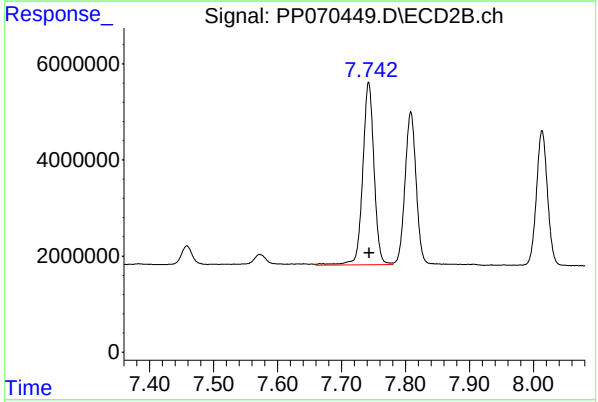
R.T.: 8.877 min
Delta R.T.: -0.002 min
Response: 45920300
Conc: 26.36 ng/ml



#41 AR-1268-1

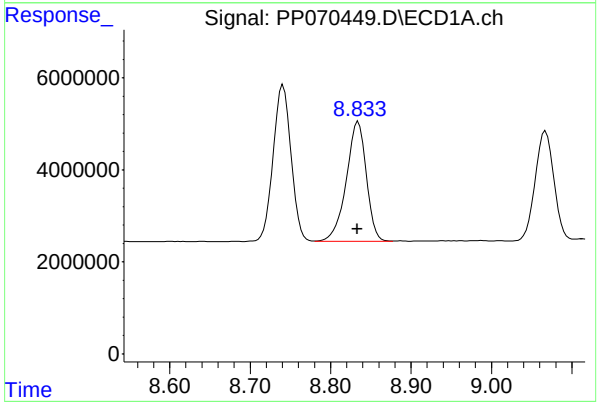
R.T.: 8.741 min
Delta R.T.: 0.002 mi
Response: 52769831
Conc: 261.89 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



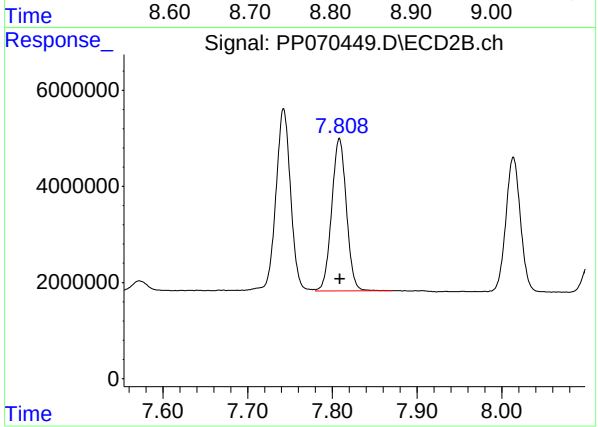
#41 AR-1268-1

R.T.: 7.742 min
Delta R.T.: 0.000 min
Response: 46752818
Conc: 261.12 ng/ml



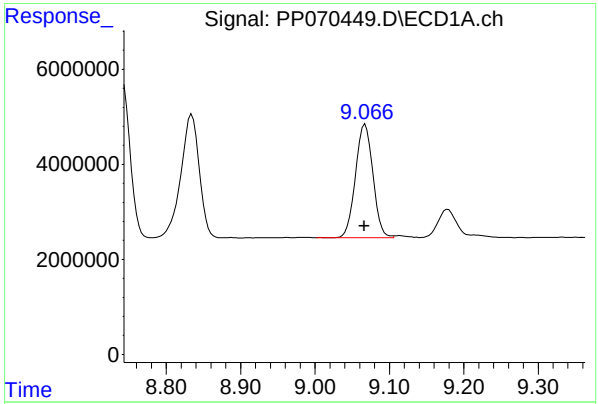
#42 AR-1268-2

R.T.: 8.834 min
Delta R.T.: 0.001 min
Response: 45106498
Conc: 260.42 ng/ml



#42 AR-1268-2

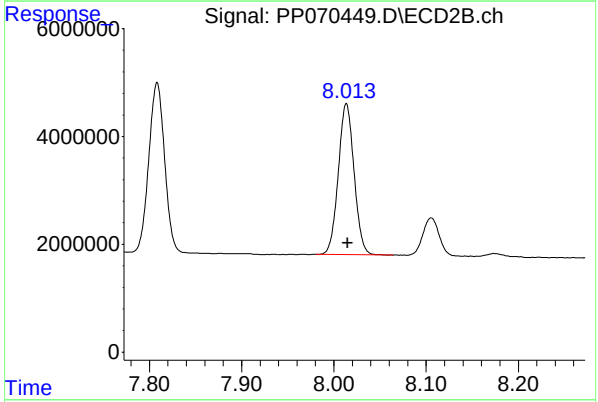
R.T.: 7.808 min
Delta R.T.: 0.000 min
Response: 38372677
Conc: 256.09 ng/ml



#43 AR-1268-3

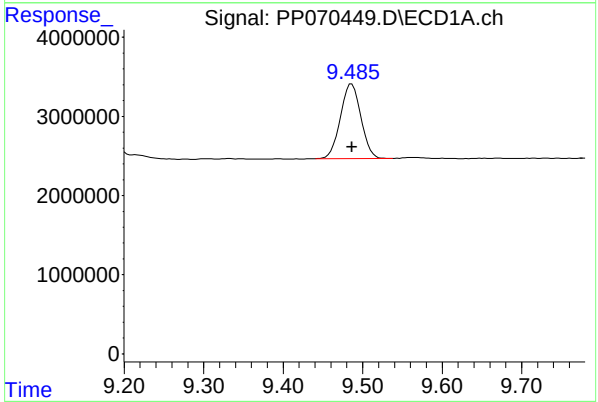
R.T.: 9.067 min
Delta R.T.: 0.001 min
Response: 38921973
Conc: 259.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



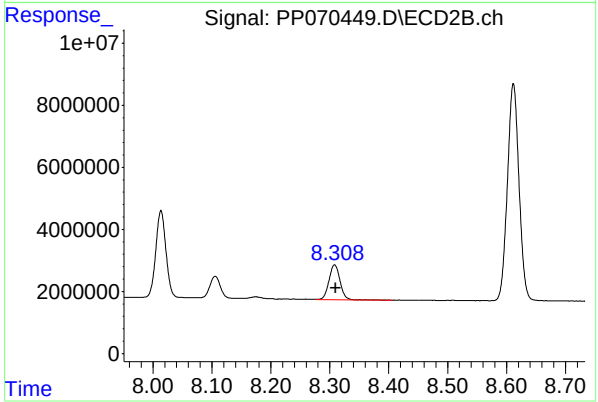
#43 AR-1268-3

R.T.: 8.014 min
Delta R.T.: -0.002 min
Response: 33274907
Conc: 256.82 ng/ml



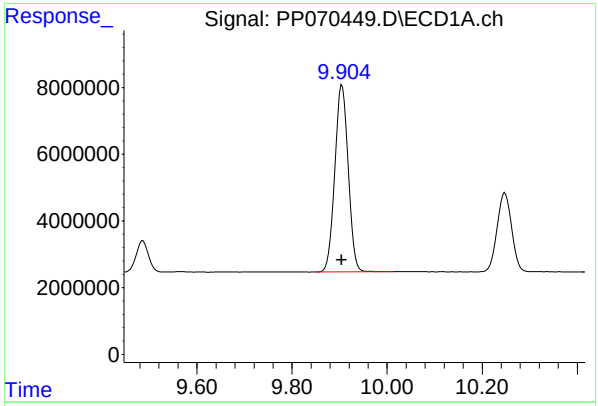
#44 AR-1268-4

R.T.: 9.486 min
Delta R.T.: 0.000 min
Response: 16901246
Conc: 255.39 ng/ml



#44 AR-1268-4

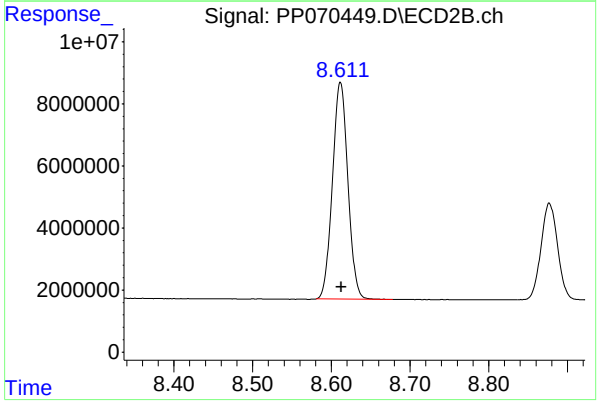
R.T.: 8.308 min
Delta R.T.: -0.002 min
Response: 14619988
Conc: 257.35 ng/ml



#45 AR-1268-5

R.T.: 9.905 min
Delta R.T.: 0.000 mi
Response: 110834314
Conc: 261.88 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



#45 AR-1268-5

R.T.: 8.612 min
Delta R.T.: -0.001 min
Response: 95223241
Conc: 251.70 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070450.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 23:38
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 23:57:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 23:28:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.528	3.828	8554411	5571543	5.289	5.133
2)	SA Decachlor...	10.252	8.879	9326315	9031570	4.918	5.259
	Target Compounds						
41)	L9 AR-1268-1	8.745	7.743	9919952	8743585	50.063	49.928m
42)	L9 AR-1268-2	8.839	7.808	8340607	7243137	48.935	49.489m
43)	L9 AR-1268-3	9.072	8.014	7178199	6658040	48.822	52.376m
44)	L9 AR-1268-4	9.491	8.309	2987981	2604541	46.032	46.758
45)	L9 AR-1268-5	9.910	8.613	21070074	17728904	50.305	47.735

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070450.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 23:38
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 34 Sample Multiplier: 1

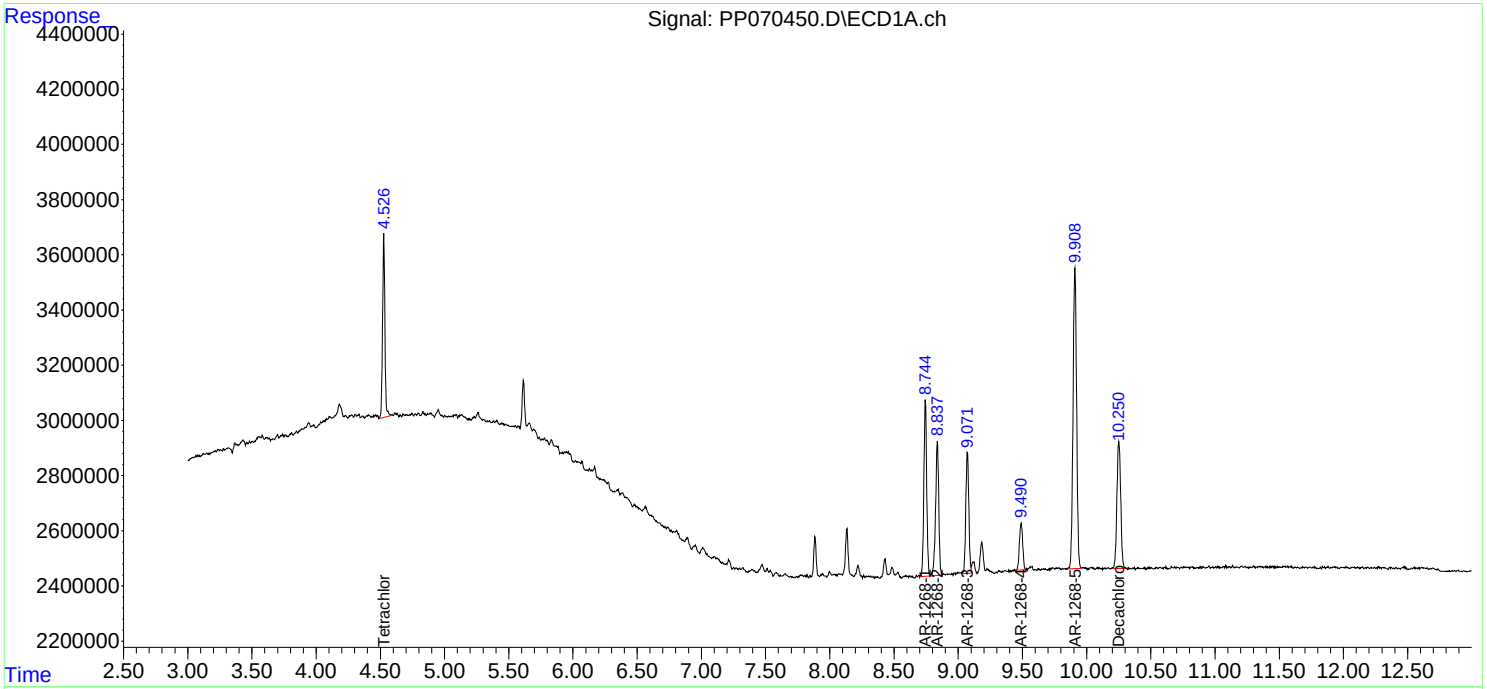
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

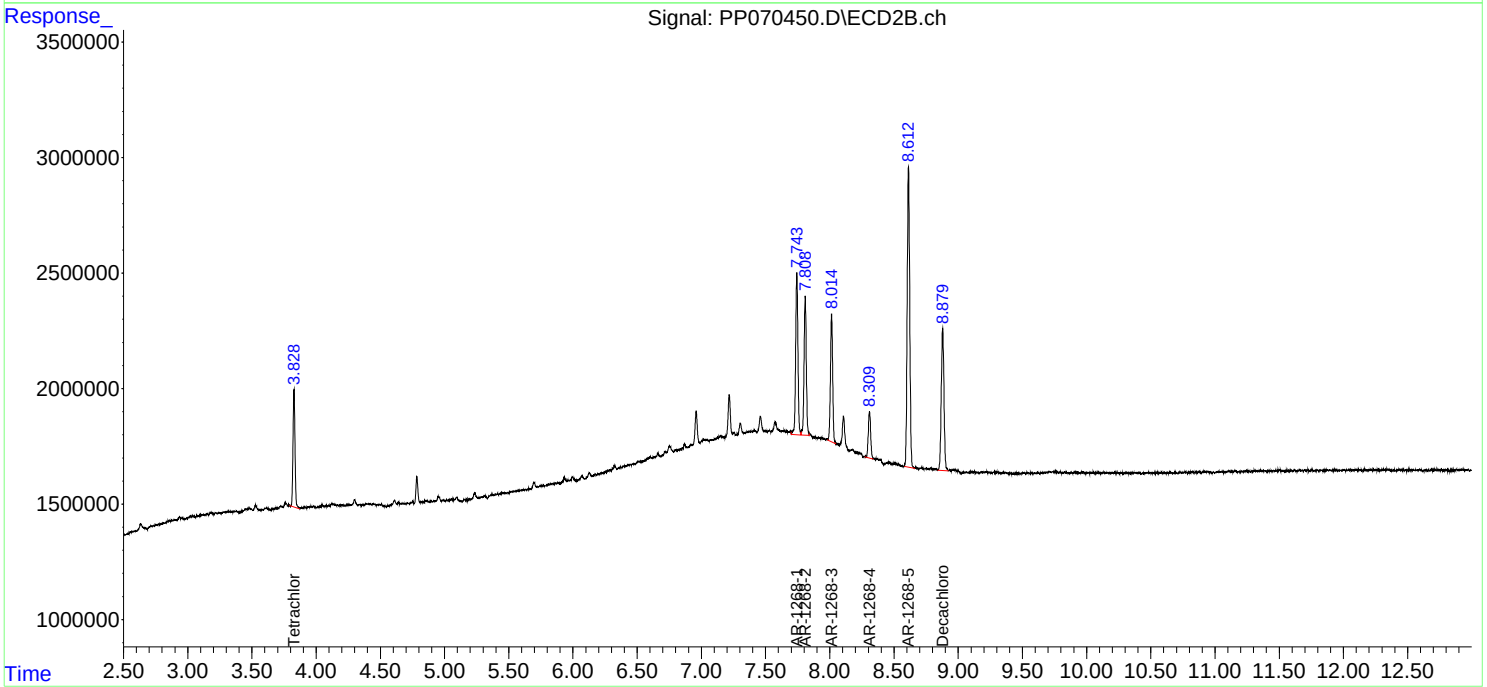
Manual Integrations APPROVED

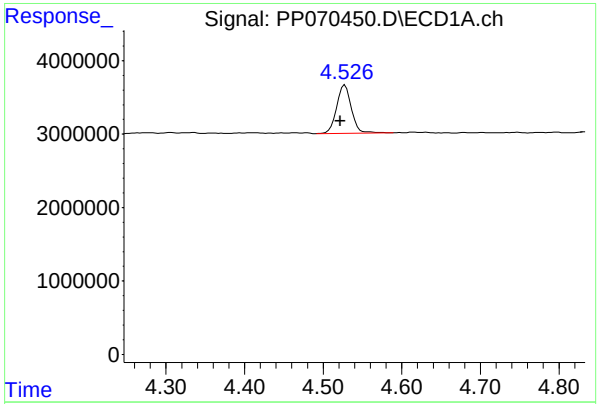
Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 23:57:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 11 23:28:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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







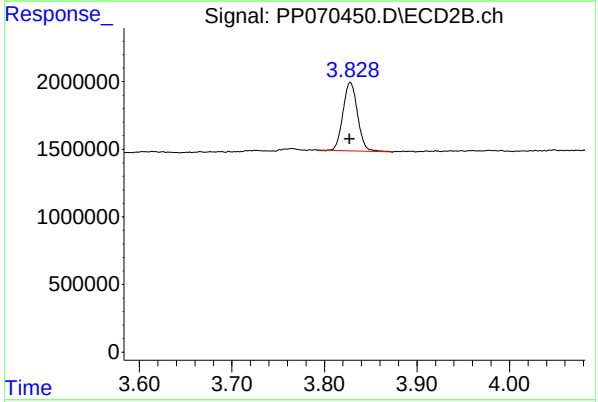
#1 Tetrachloro-m-xylene

R.T.: 4.528 min
Delta R.T.: 0.006 min
Response: 8554411
Conc: 5.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

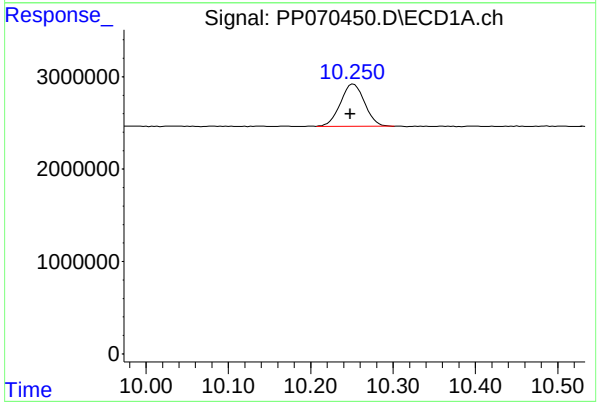
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



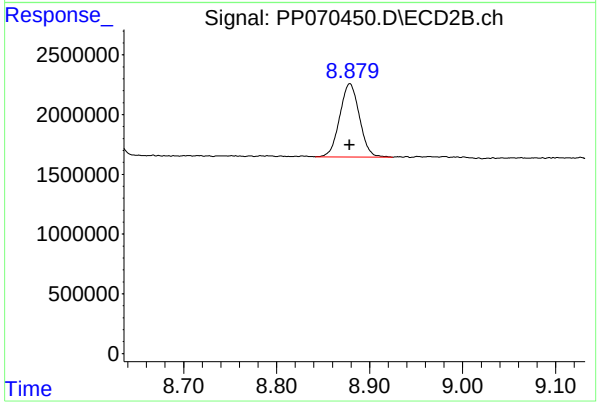
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 5571543
Conc: 5.13 ng/ml



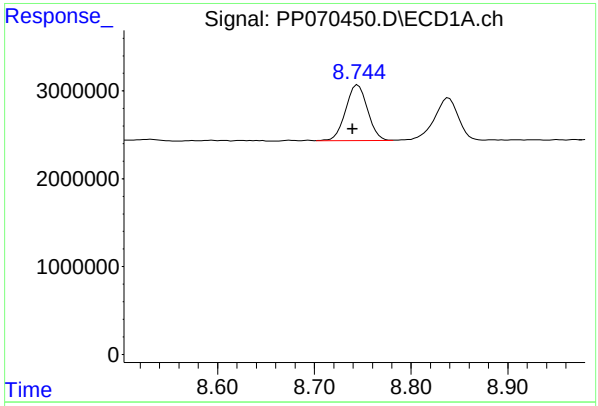
#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: 0.004 min
Response: 9326315
Conc: 4.92 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.879 min
Delta R.T.: 0.000 min
Response: 9031570
Conc: 5.26 ng/ml



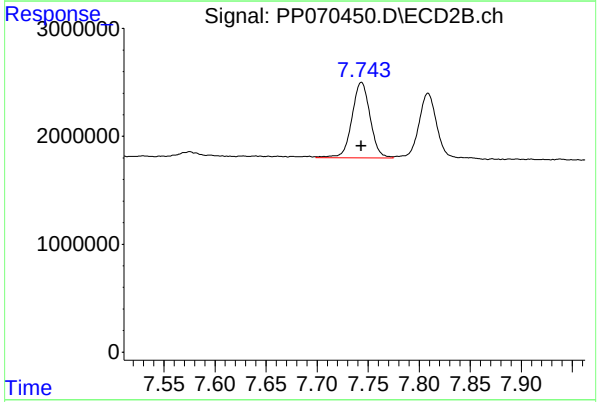
#41 AR-1268-1

R.T.: 8.745 min
Delta R.T.: 0.005 mi
Response: 9919952
Conc: 50.06 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

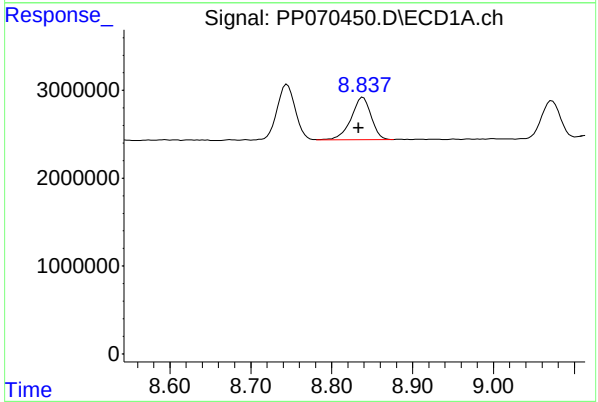
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



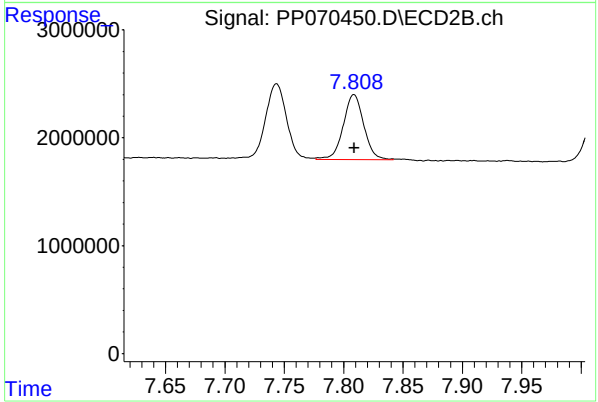
#41 AR-1268-1

R.T.: 7.743 min
Delta R.T.: 0.000 min
Response: 8743585
Conc: 49.93 ng/ml m



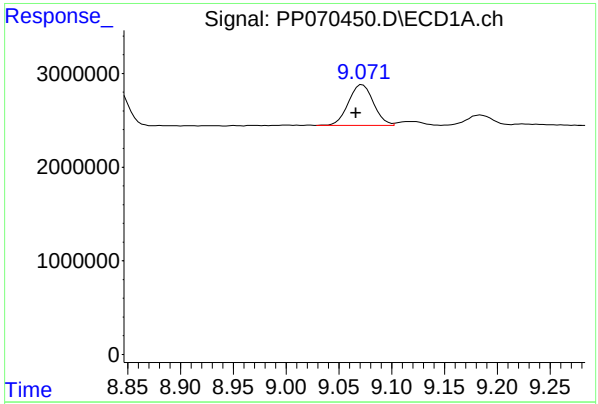
#42 AR-1268-2

R.T.: 8.839 min
Delta R.T.: 0.005 min
Response: 8340607
Conc: 48.93 ng/ml



#42 AR-1268-2

R.T.: 7.808 min
Delta R.T.: 0.000 min
Response: 7243137
Conc: 49.49 ng/ml m



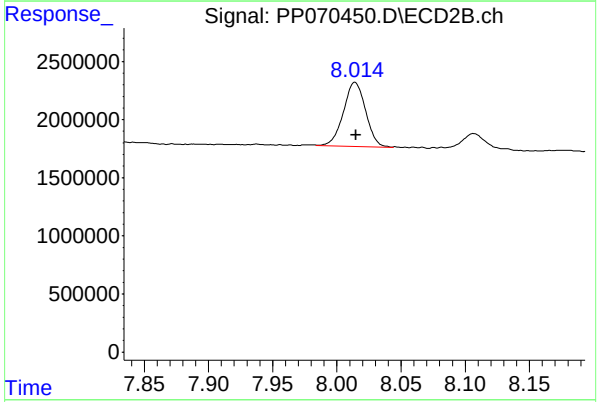
#43 AR-1268-3

R.T.: 9.072 min
Delta R.T.: 0.006 mi
Response: 7178199
Conc: 48.82 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

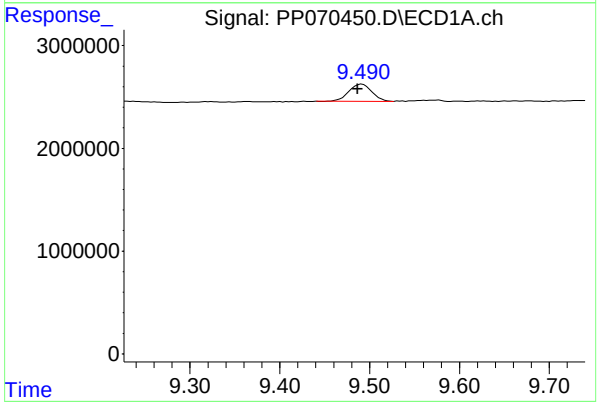
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



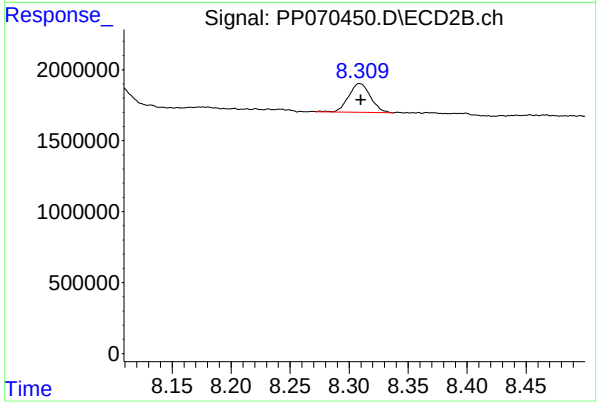
#43 AR-1268-3

R.T.: 8.014 min
Delta R.T.: -0.001 min
Response: 6658040
Conc: 52.38 ng/ml m



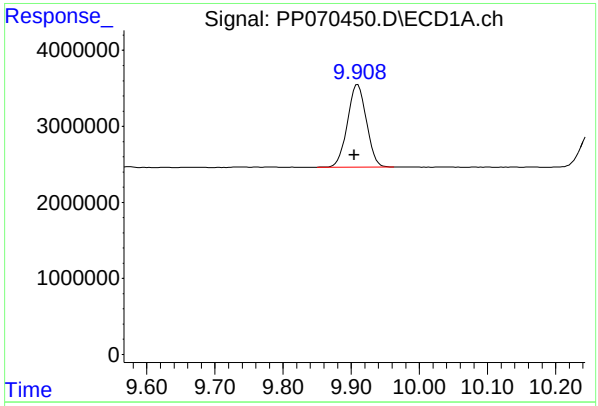
#44 AR-1268-4

R.T.: 9.491 min
Delta R.T.: 0.005 min
Response: 2987981
Conc: 46.03 ng/ml



#44 AR-1268-4

R.T.: 8.309 min
Delta R.T.: 0.000 min
Response: 2604541
Conc: 46.76 ng/ml



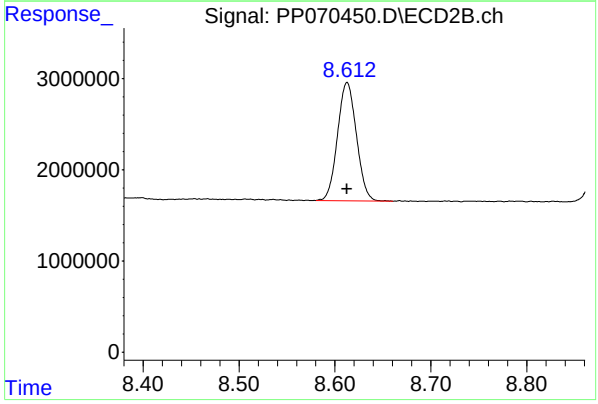
#45 AR-1268-5

R.T.: 9.910 min
Delta R.T.: 0.005 min
Response: 21070074
Conc: 50.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



#45 AR-1268-5

R.T.: 8.613 min
Delta R.T.: 0.000 min
Response: 17728904
Conc: 47.74 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070451.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 23:54
Operator : YP\AJ
Sample : PP031125ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP031125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 01:13:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 12 00:06:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.523	3.827	81467484	52091643	52.378	51.973
2)	SA Decachlor...	10.249	8.877	57030864	51101188	53.684	52.231
	Target Compounds						
3)	L1 AR-1016-1	5.675	4.914	26763573	18466483	516.161	513.635
4)	L1 AR-1016-2	5.697	4.933	39150950	25663697	547.223	493.849
5)	L1 AR-1016-3	5.760	5.111	24376753	14439904	535.307	507.493
6)	L1 AR-1016-4	5.857	5.152	20068166	11515792	514.070	514.330
7)	L1 AR-1016-5	6.150	5.367	18221356	14760415	526.294	496.668
31)	L7 AR-1260-1	7.269	6.404	31459138	25772586	535.582	517.684
32)	L7 AR-1260-2	7.523	6.592	43093099	34068219	525.250	515.502
33)	L7 AR-1260-3	7.882	6.746	35379890	29455426	538.034	514.979
34)	L7 AR-1260-4	8.106	7.218	34778399	26486148	532.246	517.676
35)	L7 AR-1260-5	8.427	7.460	73694362	66685007	539.184	517.800

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

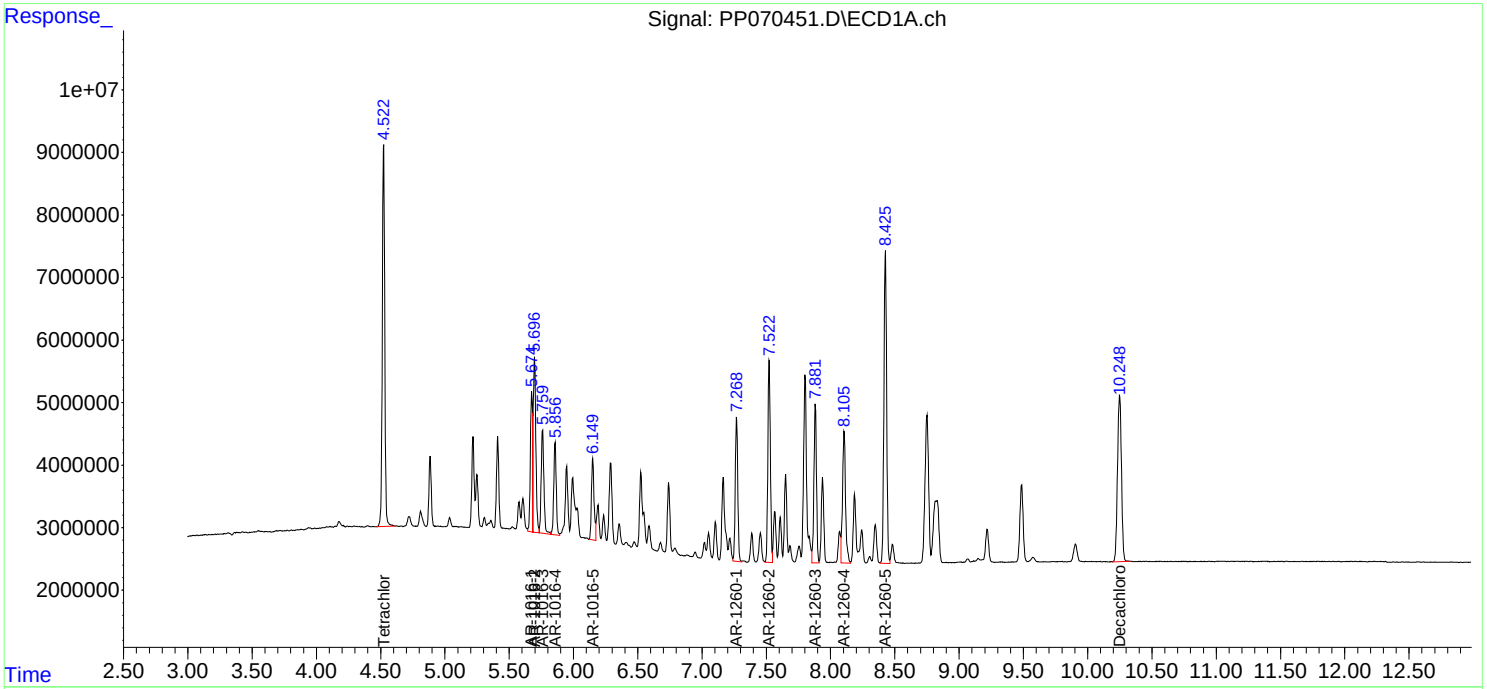
ICAL Form

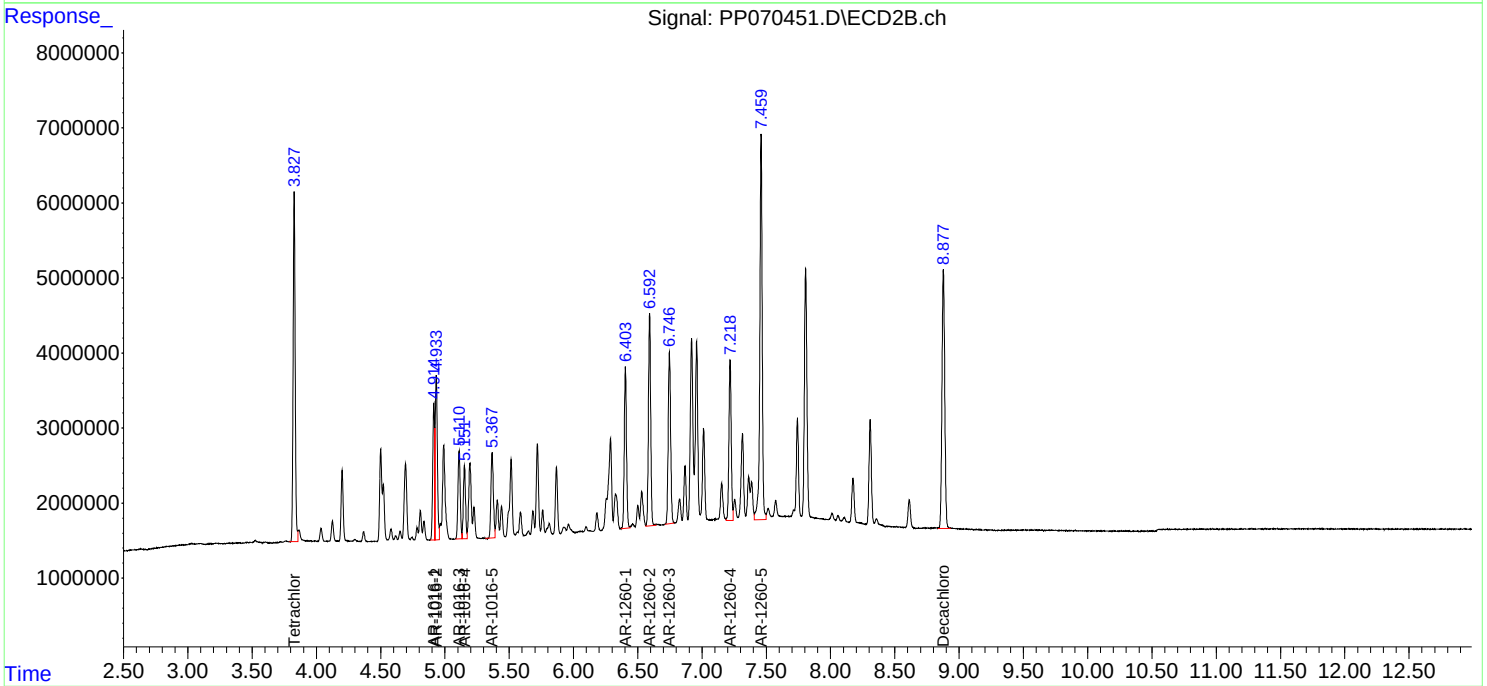
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070451.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 23:54
Operator : YP\AJ
Sample : PP031125ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

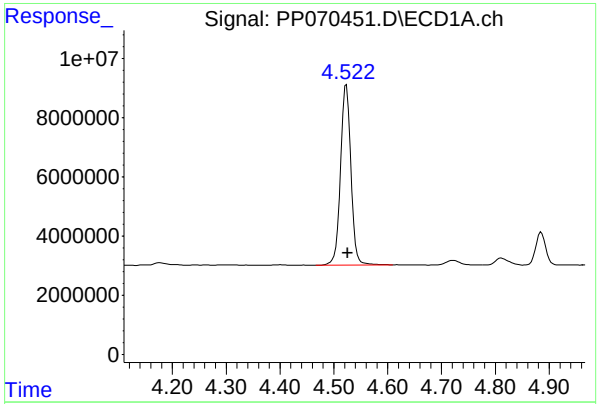
Instrument :
ECD_P
ClientSampleId :
ICVPP031125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 01:13:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 12 00:06:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



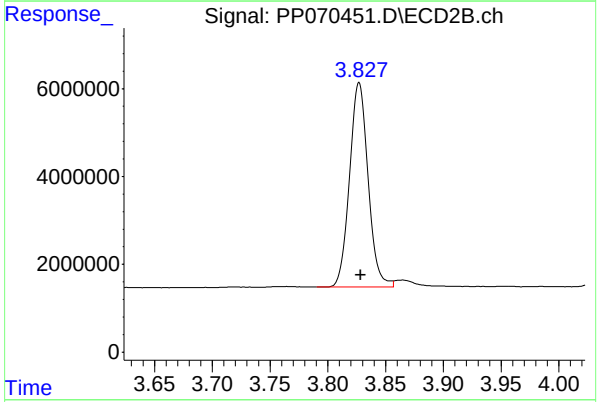




#1 Tetrachloro-m-xylene

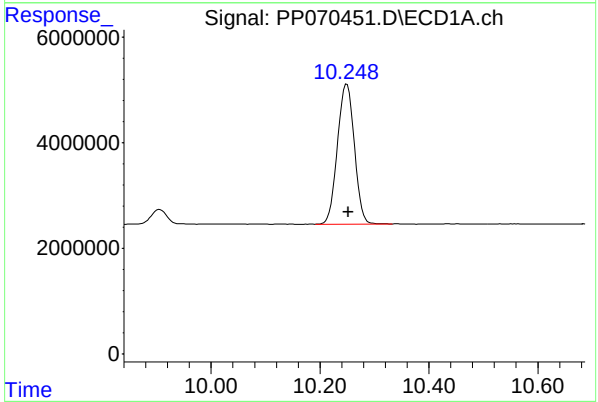
R.T.: 4.523 min
Delta R.T.: -0.003 min
Response: 81467484
Conc: 52.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP031125



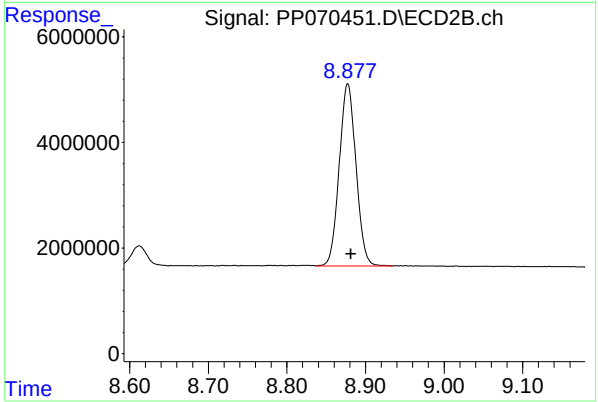
#1 Tetrachloro-m-xylene

R.T.: 3.827 min
Delta R.T.: -0.001 min
Response: 52091643
Conc: 51.97 ng/ml



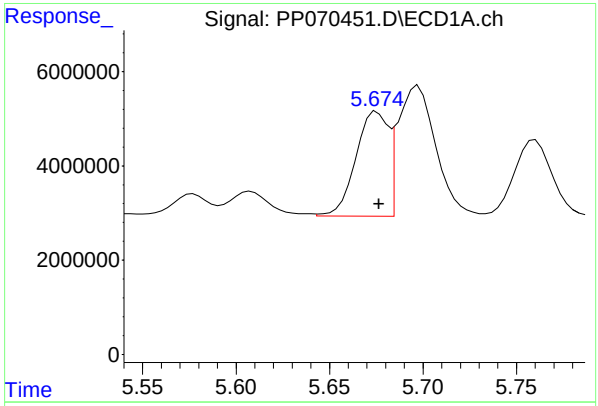
#2 Decachlorobiphenyl

R.T.: 10.249 min
Delta R.T.: -0.003 min
Response: 57030864
Conc: 53.68 ng/ml



#2 Decachlorobiphenyl

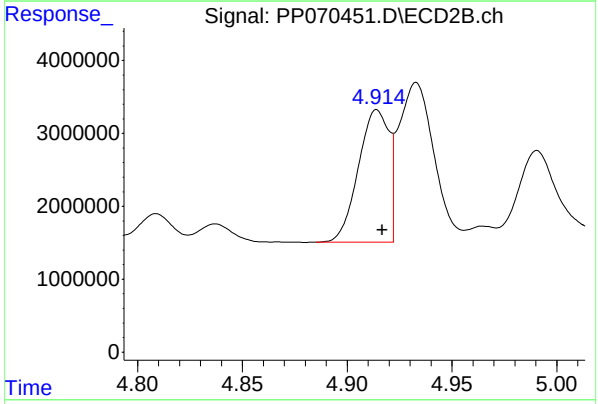
R.T.: 8.877 min
Delta R.T.: -0.004 min
Response: 51101188
Conc: 52.23 ng/ml



#3 AR-1016-1

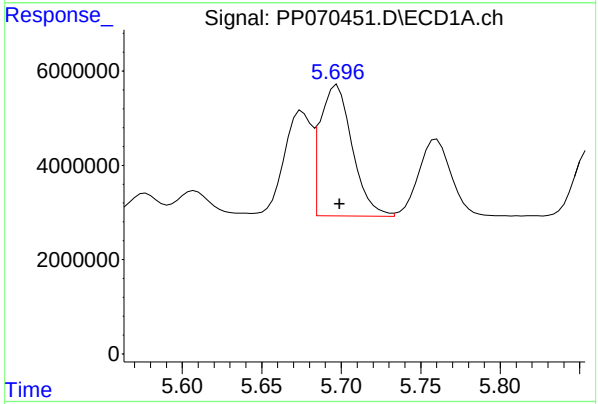
R.T.: 5.675 min
Delta R.T.: -0.001 mi
Response: 26763573
Conc: 516.16 ng/m

Instrument :
ECD_P
ClientSampleId :
ICVPP031125



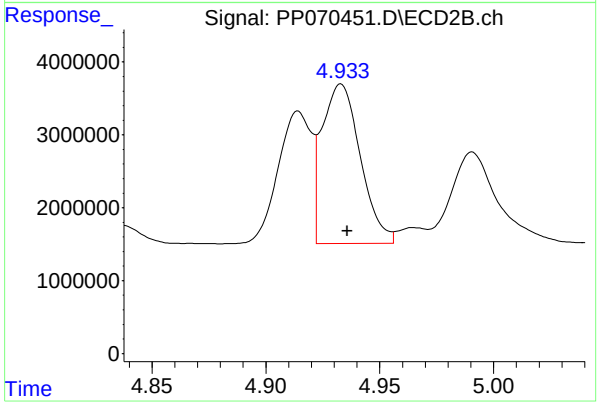
#3 AR-1016-1

R.T.: 4.914 min
Delta R.T.: -0.003 min
Response: 18466483
Conc: 513.64 ng/ml



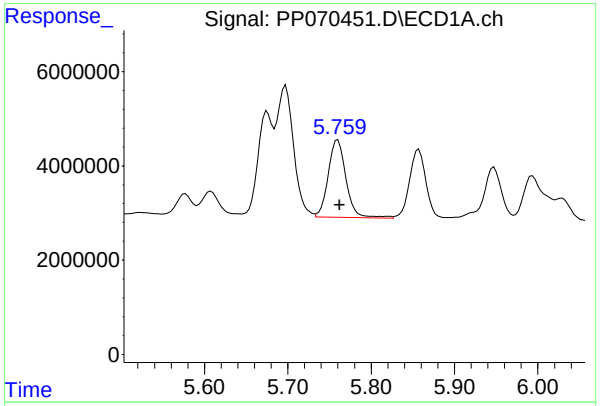
#4 AR-1016-2

R.T.: 5.697 min
Delta R.T.: -0.002 min
Response: 39150950
Conc: 547.22 ng/ml



#4 AR-1016-2

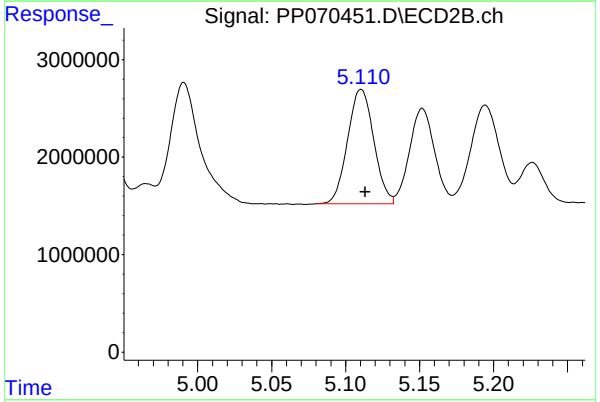
R.T.: 4.933 min
Delta R.T.: -0.003 min
Response: 25663697
Conc: 493.85 ng/ml



#5 AR-1016-3

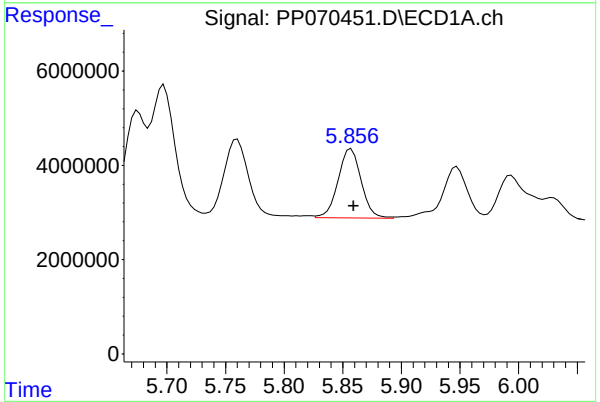
R.T.: 5.760 min
Delta R.T.: -0.002 min
Response: 24376753
Conc: 535.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP031125



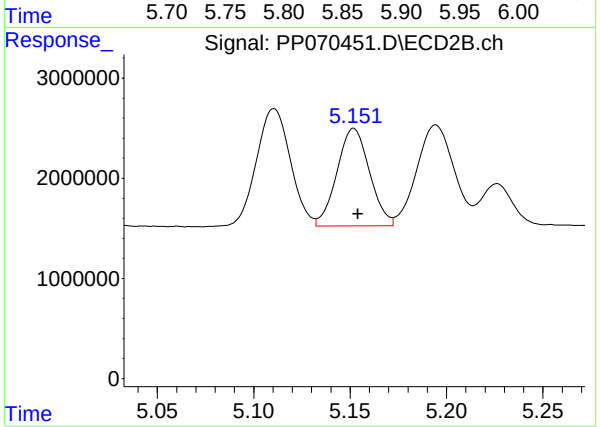
#5 AR-1016-3

R.T.: 5.111 min
Delta R.T.: -0.003 min
Response: 14439904
Conc: 507.49 ng/ml



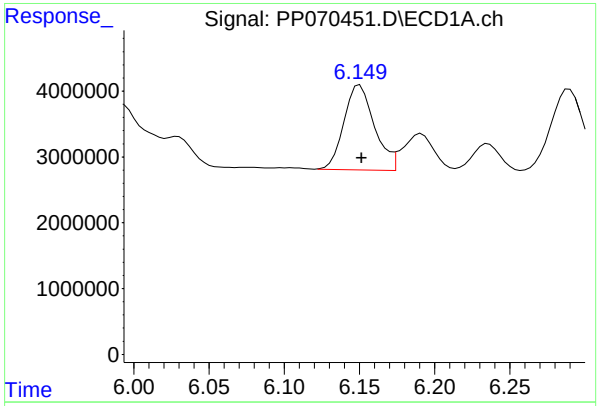
#6 AR-1016-4

R.T.: 5.857 min
Delta R.T.: -0.002 min
Response: 20068166
Conc: 514.07 ng/ml



#6 AR-1016-4

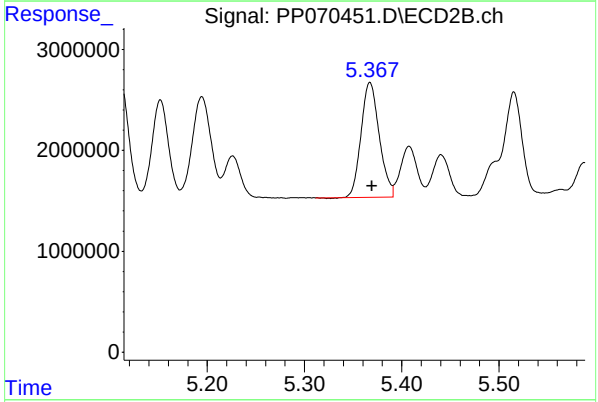
R.T.: 5.152 min
Delta R.T.: -0.002 min
Response: 11515792
Conc: 514.33 ng/ml



#7 AR-1016-5

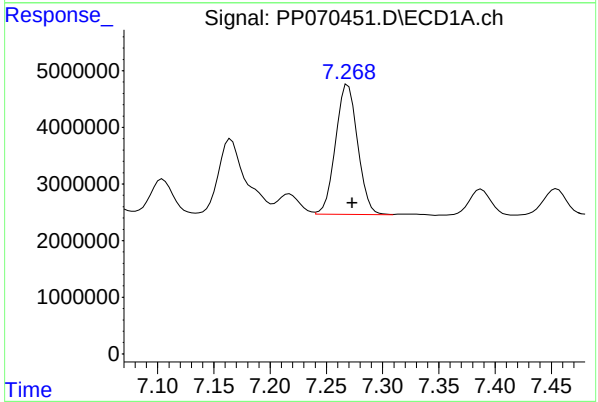
R.T.: 6.150 min
Delta R.T.: -0.001 min
Response: 18221356
Conc: 526.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP031125



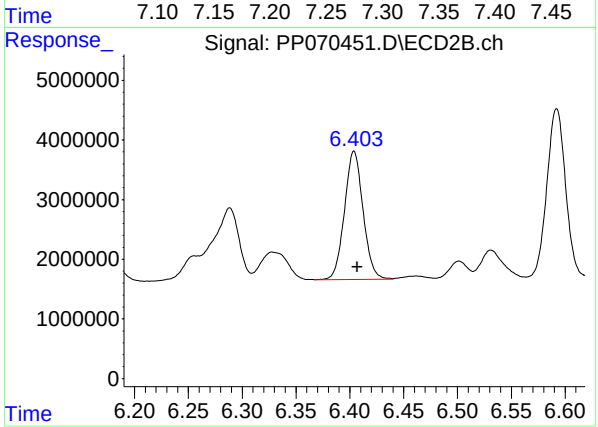
#7 AR-1016-5

R.T.: 5.367 min
Delta R.T.: -0.002 min
Response: 14760415
Conc: 496.67 ng/ml



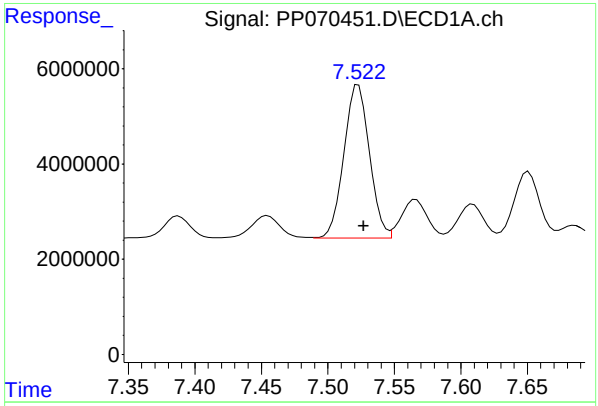
#31 AR-1260-1

R.T.: 7.269 min
Delta R.T.: -0.004 min
Response: 31459138
Conc: 535.58 ng/ml



#31 AR-1260-1

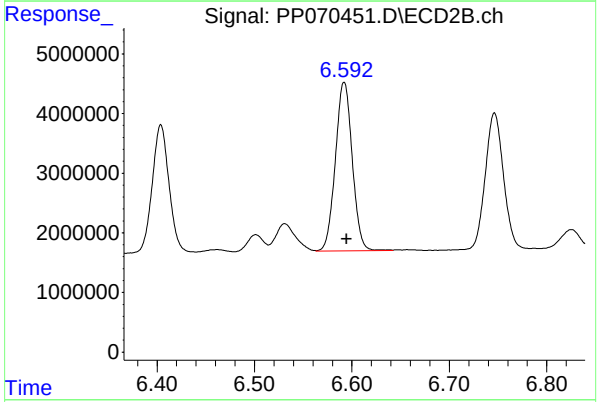
R.T.: 6.404 min
Delta R.T.: -0.003 min
Response: 25772586
Conc: 517.68 ng/ml



#32 AR-1260-2

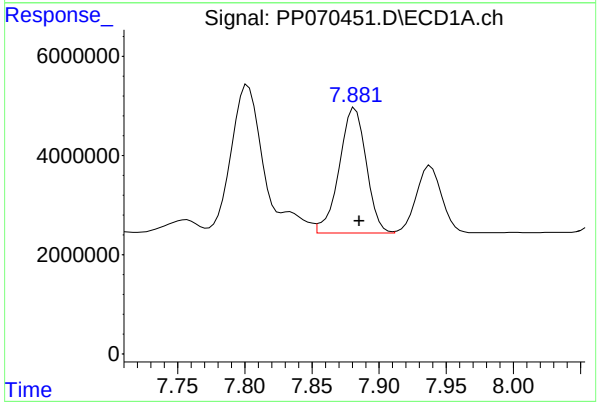
R.T.: 7.523 min
Delta R.T.: -0.004 min
Response: 43093099
Conc: 525.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP031125



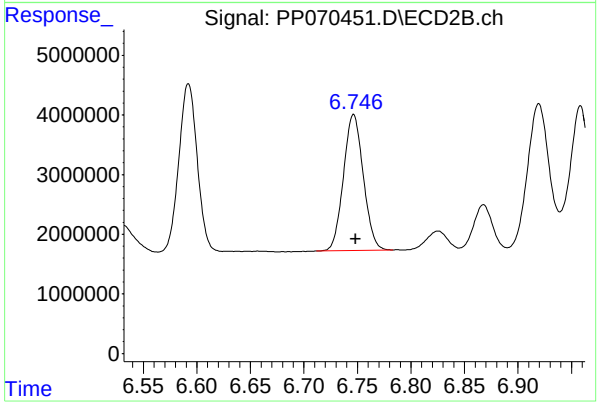
#32 AR-1260-2

R.T.: 6.592 min
Delta R.T.: -0.002 min
Response: 34068219
Conc: 515.50 ng/ml



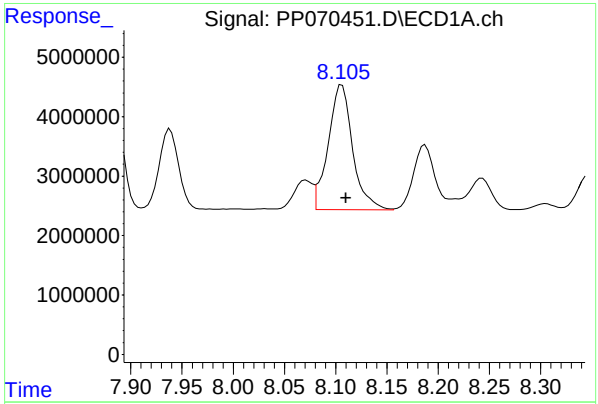
#33 AR-1260-3

R.T.: 7.882 min
Delta R.T.: -0.003 min
Response: 35379890
Conc: 538.03 ng/ml



#33 AR-1260-3

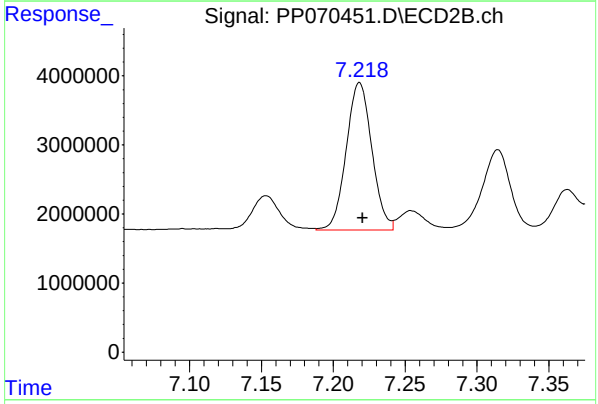
R.T.: 6.746 min
Delta R.T.: -0.002 min
Response: 29455426
Conc: 514.98 ng/ml



#34 AR-1260-4

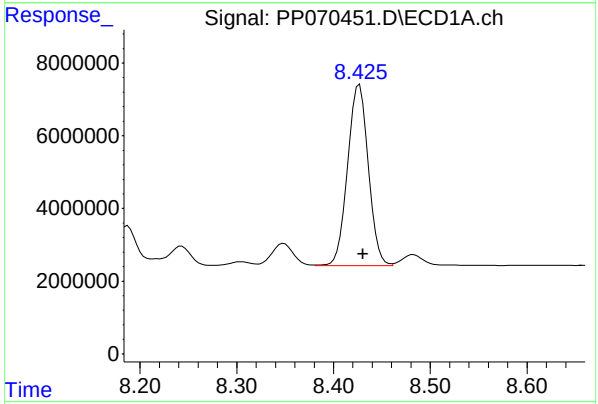
R.T.: 8.106 min
Delta R.T.: -0.004 min
Response: 34778399
Conc: 532.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP031125



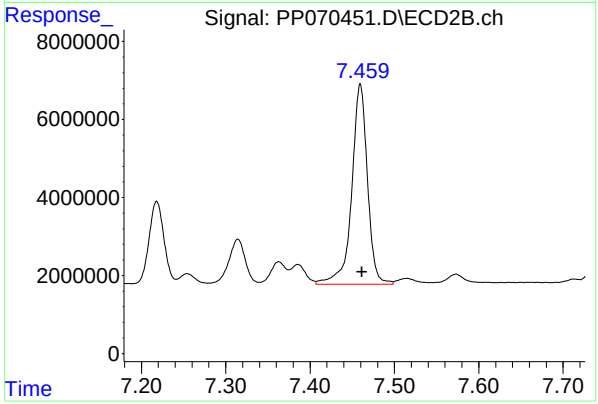
#34 AR-1260-4

R.T.: 7.218 min
Delta R.T.: -0.002 min
Response: 26486148
Conc: 517.68 ng/ml



#35 AR-1260-5

R.T.: 8.427 min
Delta R.T.: -0.004 min
Response: 73694362
Conc: 539.18 ng/ml



#35 AR-1260-5

R.T.: 7.460 min
Delta R.T.: -0.002 min
Response: 66685007
Conc: 517.80 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070452.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 00:10
Operator : YP\AJ
Sample : AR1232ICV500
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP031125AR1232

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 19 05:20:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 19 05:19:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.525	3.828	82637423	51891496	51.851	48.744
2)	SA Decachlor...	10.250	8.879	56319561	51738897	52.291	51.344
	Target Compounds						
11)	L3 AR-1232-1	4.887	4.202	17817484	13234008	501.090	503.008
12)	L3 AR-1232-2	5.412	4.934	9000524	12831570	533.581	497.115
13)	L3 AR-1232-3	5.698	5.112	19000238	6787601	519.562	484.519
14)	L3 AR-1232-4	5.858	5.196	9460626	5871572	498.077	501.319
15)	L3 AR-1232-5	5.948	5.368	6697975	6583987	516.729	503.825

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

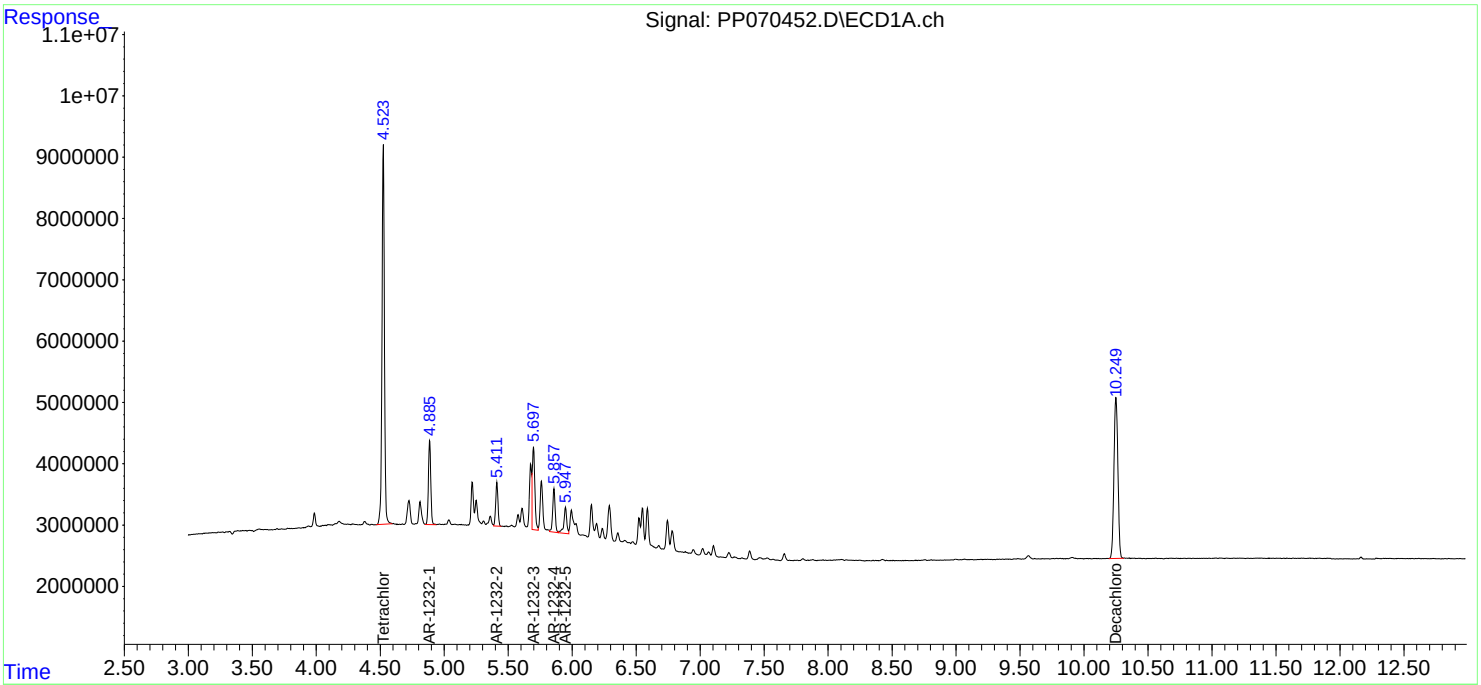
ICAL Form

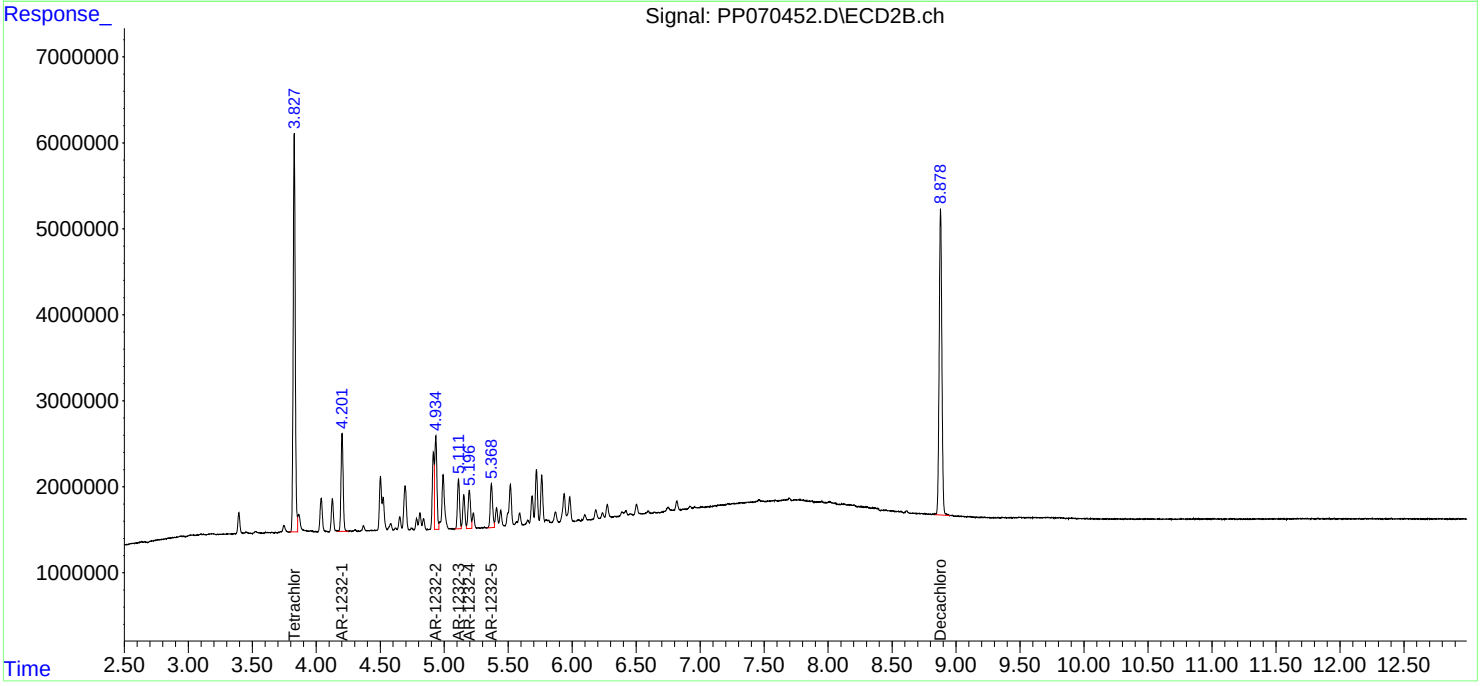
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070452.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 00:10
Operator : YP\AJ
Sample : AR1232ICV500
Misc :
ALS Vial : 36 Sample Multiplier: 1

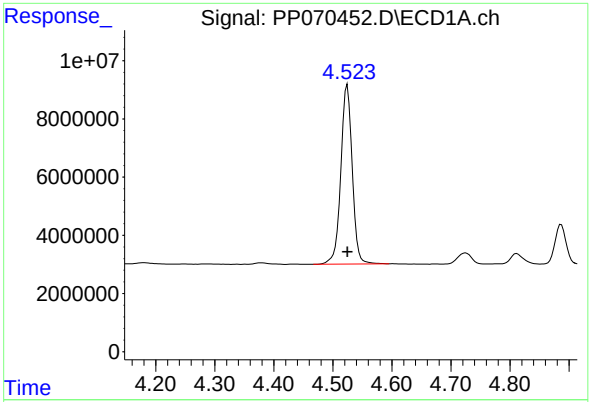
Instrument :
ECD_P
ClientSampleId :
ICVPP031125AR1232

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 19 05:20:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 19 05:19:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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



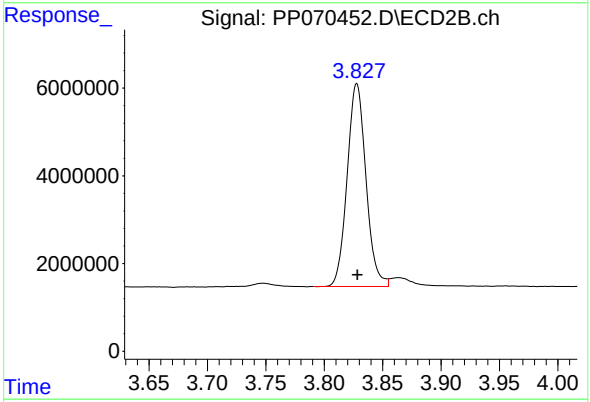




#1 Tetrachloro-m-xylene

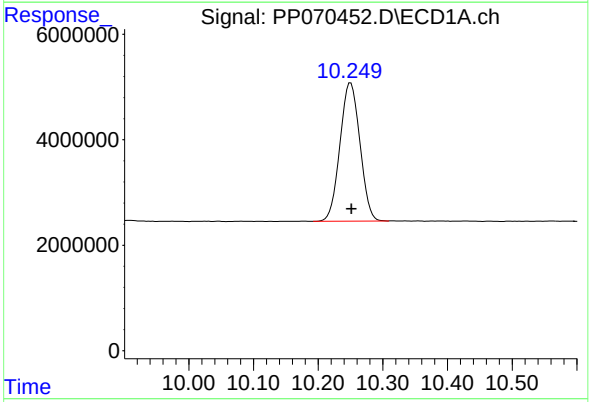
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 82637423
Conc: 51.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP031125AR1232



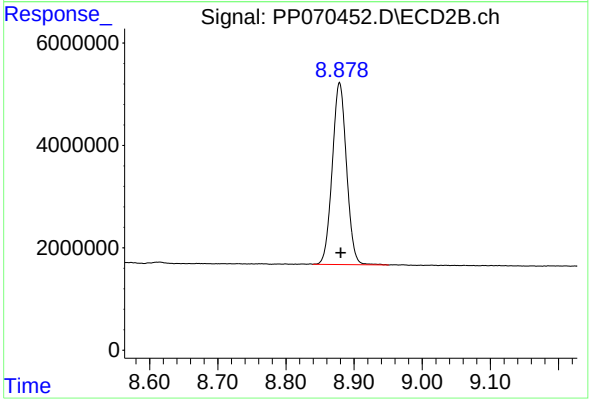
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 51891496
Conc: 48.74 ng/ml



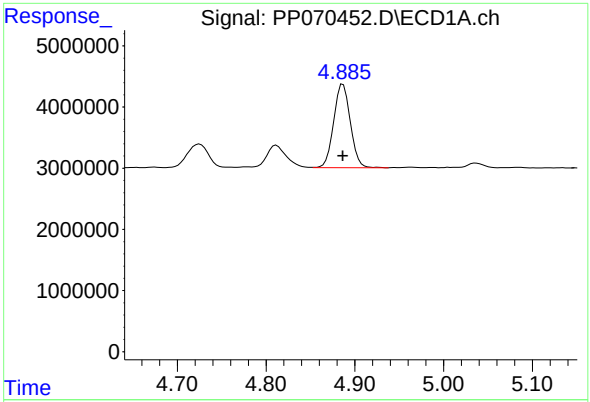
#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.001 min
Response: 56319561
Conc: 52.29 ng/ml



#2 Decachlorobiphenyl

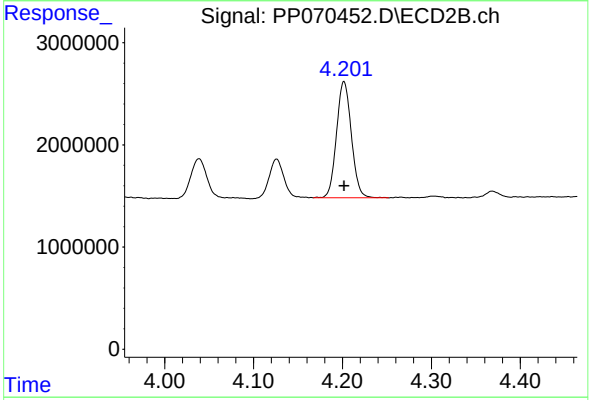
R.T.: 8.879 min
Delta R.T.: -0.002 min
Response: 51738897
Conc: 51.34 ng/ml



#11 AR-1232-1

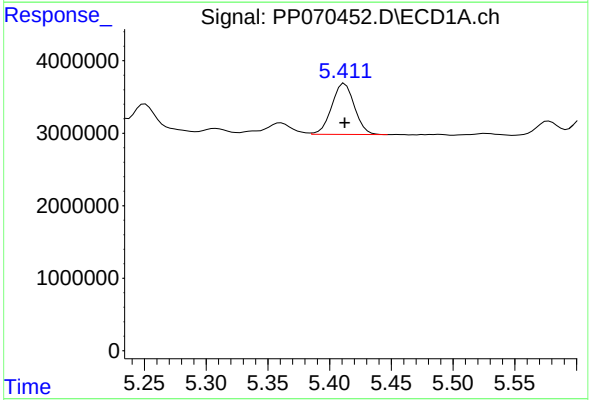
R.T.: 4.887 min
Delta R.T.: 0.000 min
Response: 17817484
Conc: 501.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP031125AR1232



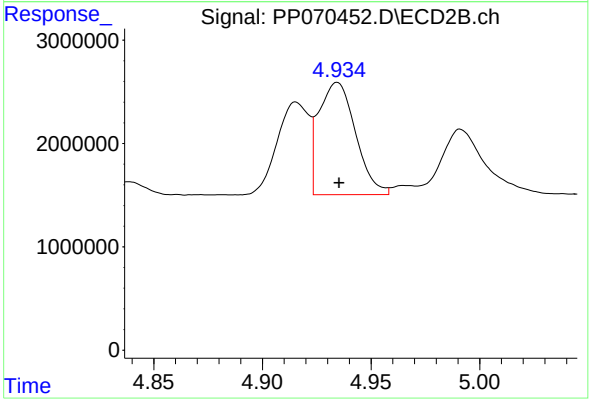
#11 AR-1232-1

R.T.: 4.202 min
Delta R.T.: 0.000 min
Response: 13234008
Conc: 503.01 ng/ml



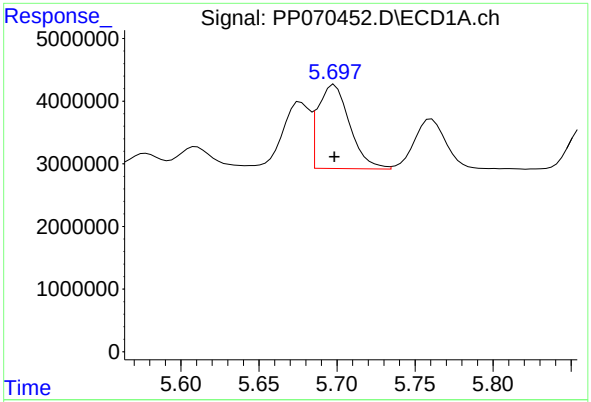
#12 AR-1232-2

R.T.: 5.412 min
Delta R.T.: 0.000 min
Response: 9000524
Conc: 533.58 ng/ml



#12 AR-1232-2

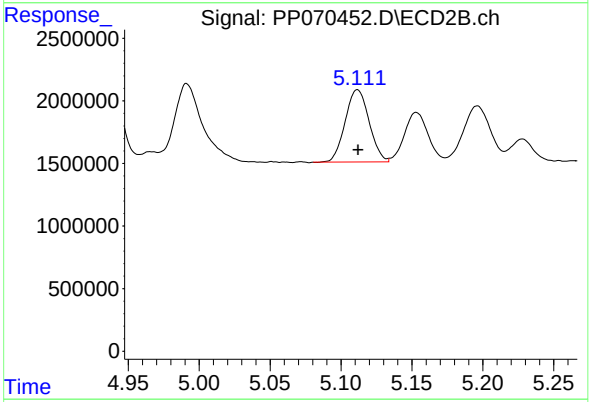
R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 12831570
Conc: 497.11 ng/ml



#13 AR-1232-3

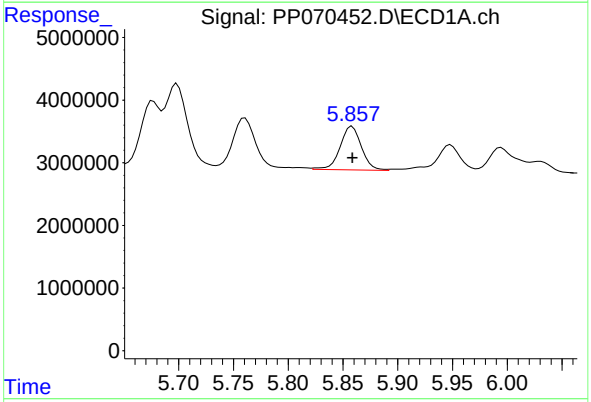
R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 19000238
Conc: 519.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP031125AR1232



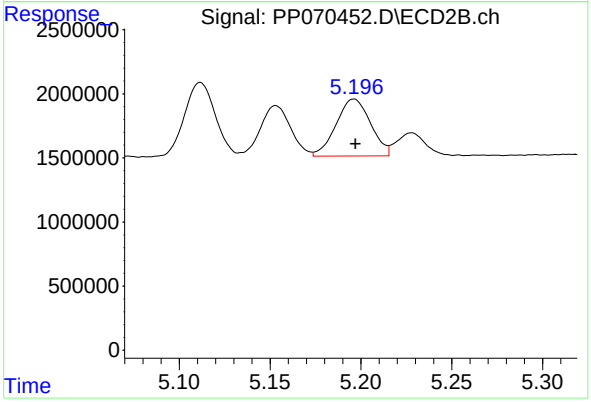
#13 AR-1232-3

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 6787601
Conc: 484.52 ng/ml



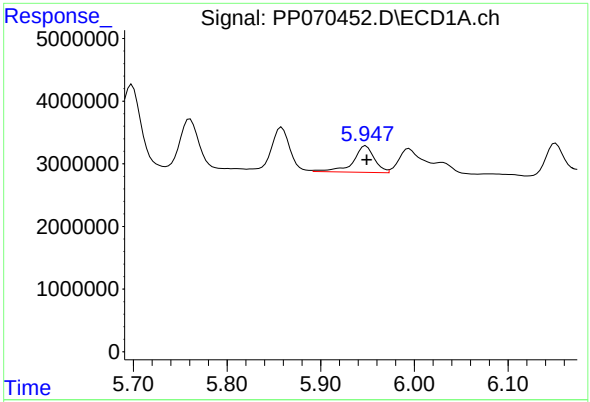
#14 AR-1232-4

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 9460626
Conc: 498.08 ng/ml



#14 AR-1232-4

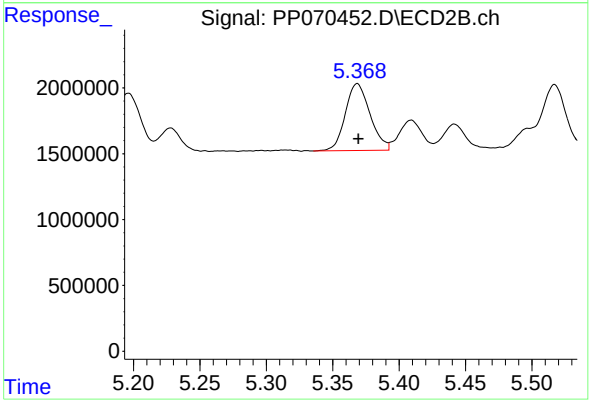
R.T.: 5.196 min
Delta R.T.: 0.000 min
Response: 5871572
Conc: 501.32 ng/ml



#15 AR-1232-5

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 6697975
Conc: 516.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP031125AR1232



#15 AR-1232-5

R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 6583987
Conc: 503.83 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070453.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 00:27
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP031125AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 02:29:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 12 02:28:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.522	3.828	80900104	52039514	51.573	51.996
2)	SA Decachlor...	10.247	8.877	56432259	50213028	52.789	48.963
	Target Compounds						
16)	L4 AR-1242-1	5.673	4.914	21829875	15588752	491.127	509.246
17)	L4 AR-1242-2	5.695	4.933	32588571	21901951	530.924	502.366
18)	L4 AR-1242-3	5.758	5.111	19614357	12116039	528.672	508.387
19)	L4 AR-1242-4	5.855	5.195	16599935	11430650	516.600	518.573
20)	L4 AR-1242-5	6.586	5.720	17030676	14600485	548.536	522.919

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

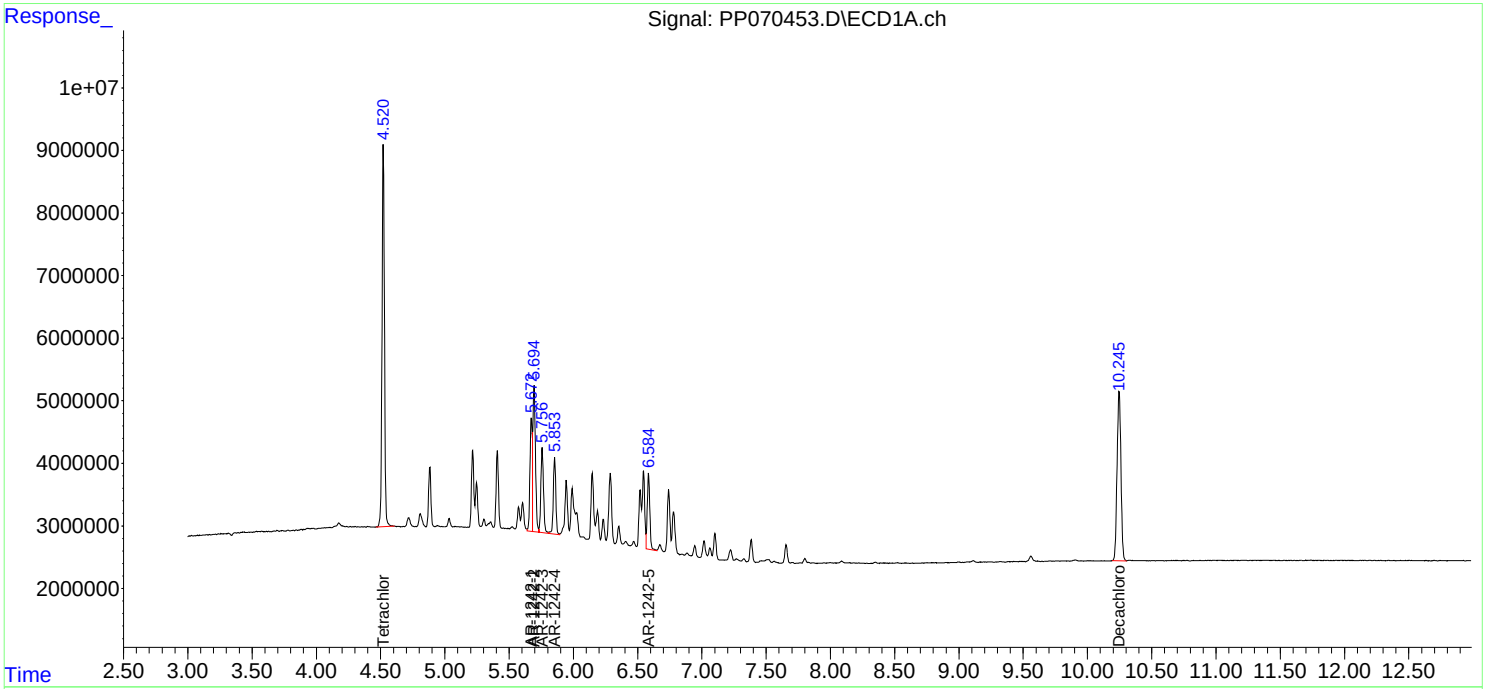
ICAL Form

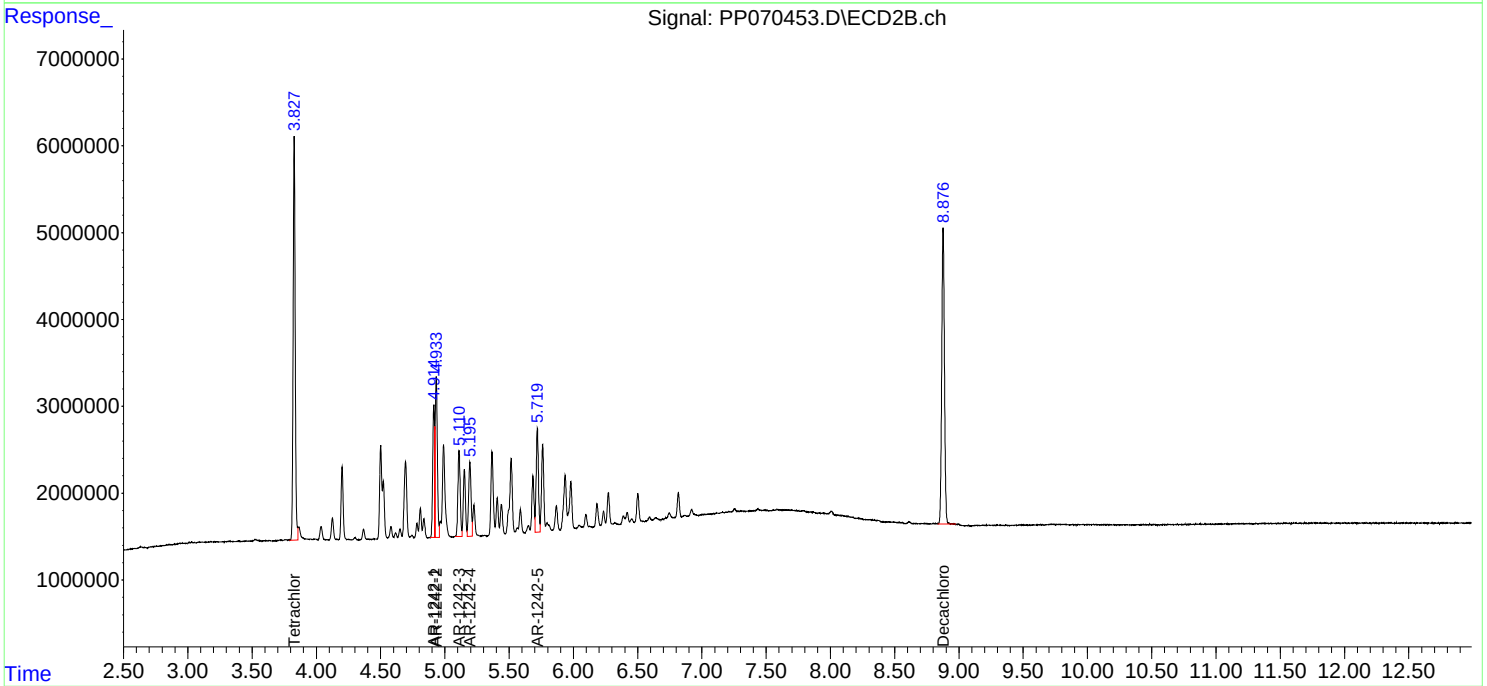
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070453.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 00:27
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 37 Sample Multiplier: 1

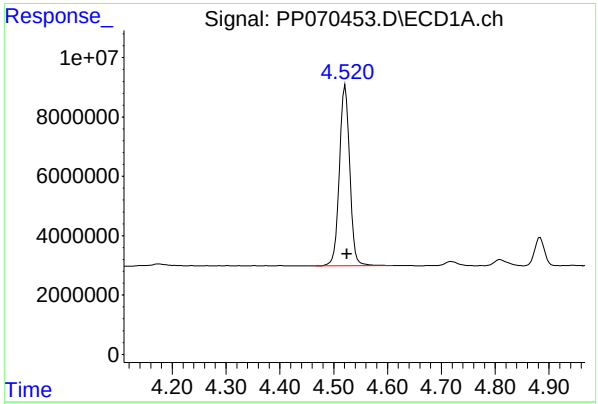
Instrument :
ECD_P
ClientSampleId :
ICVPP031125AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 02:29:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 12 02:28:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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



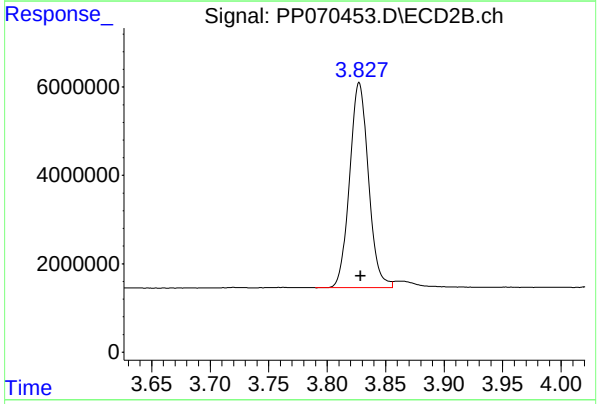




#1 Tetrachloro-m-xylene

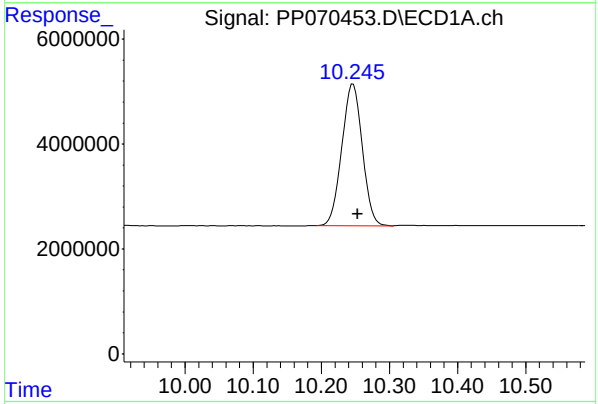
R.T.: 4.522 min
Delta R.T.: -0.003 min
Response: 80900104
Conc: 51.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP031125AR1242



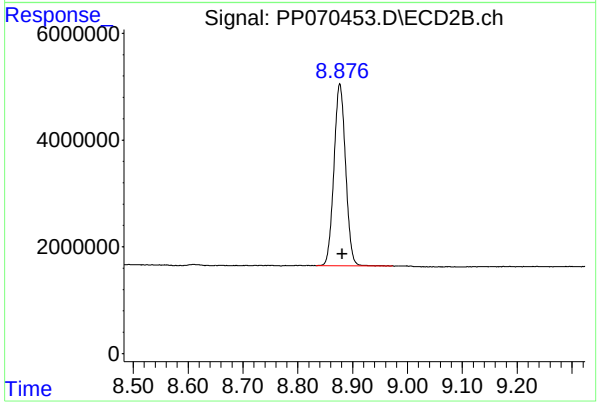
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: -0.001 min
Response: 52039514
Conc: 52.00 ng/ml



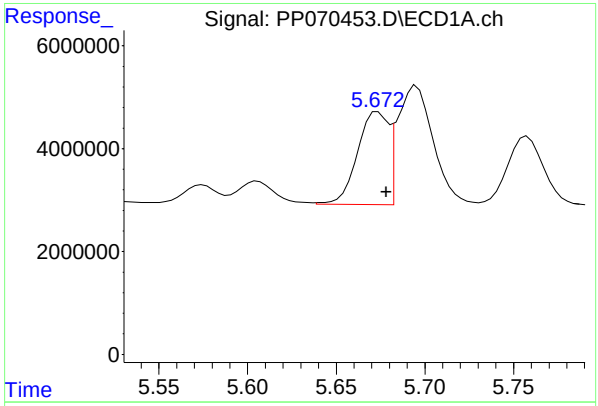
#2 Decachlorobiphenyl

R.T.: 10.247 min
Delta R.T.: -0.007 min
Response: 56432259
Conc: 52.79 ng/ml



#2 Decachlorobiphenyl

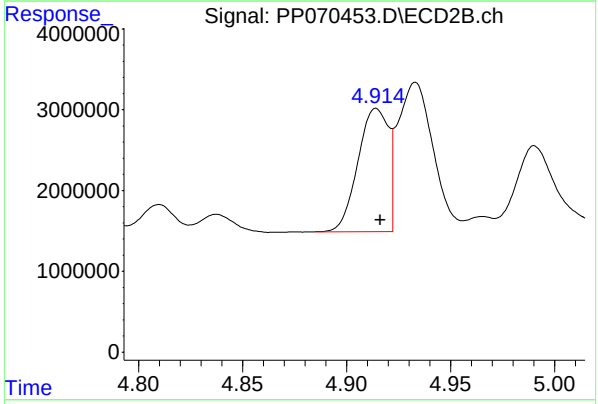
R.T.: 8.877 min
Delta R.T.: -0.004 min
Response: 50213028
Conc: 48.96 ng/ml



#16 AR-1242-1

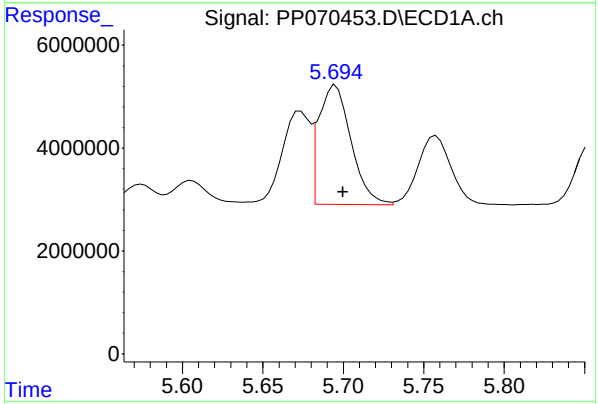
R.T.: 5.673 min
Delta R.T.: -0.005 min
Response: 21829875
Conc: 491.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP031125AR1242



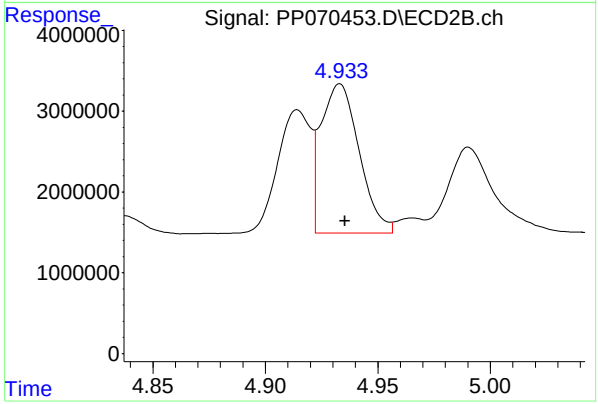
#16 AR-1242-1

R.T.: 4.914 min
Delta R.T.: -0.002 min
Response: 15588752
Conc: 509.25 ng/ml



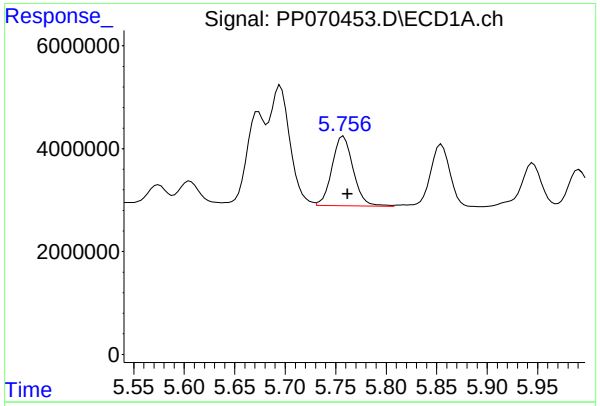
#17 AR-1242-2

R.T.: 5.695 min
Delta R.T.: -0.005 min
Response: 32588571
Conc: 530.92 ng/ml



#17 AR-1242-2

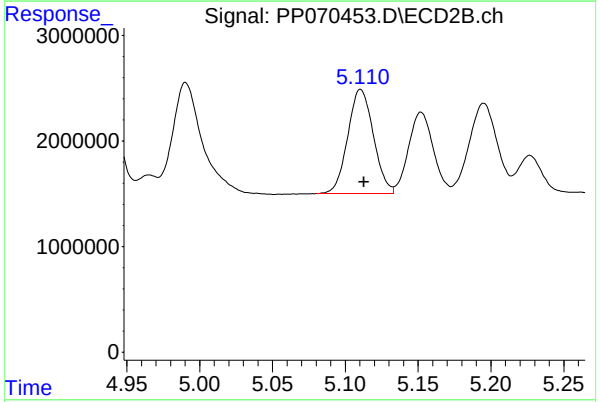
R.T.: 4.933 min
Delta R.T.: -0.002 min
Response: 21901951
Conc: 502.37 ng/ml



#18 AR-1242-3

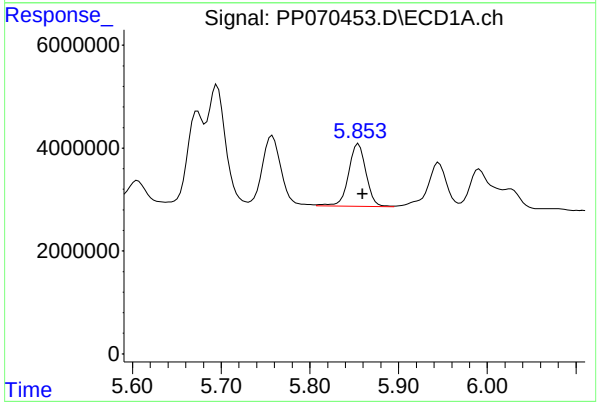
R.T.: 5.758 min
Delta R.T.: -0.004 min
Response: 19614357
Conc: 528.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP031125AR1242



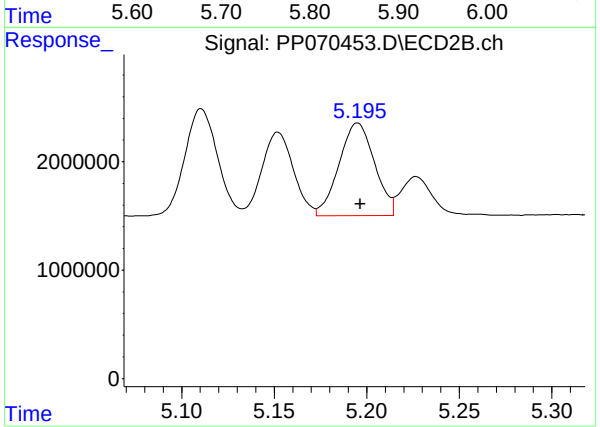
#18 AR-1242-3

R.T.: 5.111 min
Delta R.T.: -0.002 min
Response: 12116039
Conc: 508.39 ng/ml



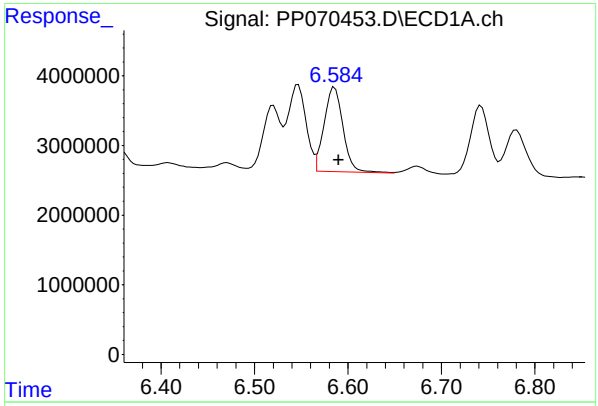
#19 AR-1242-4

R.T.: 5.855 min
Delta R.T.: -0.005 min
Response: 16599935
Conc: 516.60 ng/ml



#19 AR-1242-4

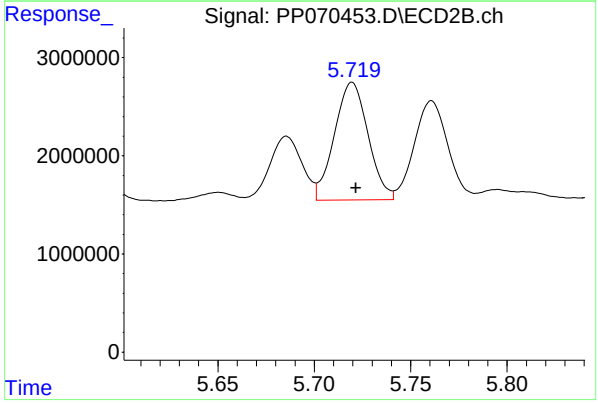
R.T.: 5.195 min
Delta R.T.: -0.001 min
Response: 11430650
Conc: 518.57 ng/ml



#20 AR-1242-5

R.T.: 6.586 min
Delta R.T.: -0.005 min
Response: 17030676
Conc: 548.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP031125AR1242



#20 AR-1242-5

R.T.: 5.720 min
Delta R.T.: -0.002 min
Response: 14600485
Conc: 522.92 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070454.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 00:43
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP031125AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 01:44:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 12 01:39:22 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...	4.523	3.827	80763365	51993820	51.381	50.996
2)	SA Decachlor...	10.249	8.879	57381734	53329390	53.107	53.338
	Target Compounds						
21)	L5 AR-1248-1	5.675	4.915	17366035	11930350	508.434	508.204
22)	L5 AR-1248-2	5.948	5.152	22908060	15777449	539.683	504.016
23)	L5 AR-1248-3	6.150	5.195	24248973	16449582	525.454	518.561
24)	L5 AR-1248-4	6.549	5.368	29245571	19332171	504.310	496.038
25)	L5 AR-1248-5	6.588	5.762	27662486	19099791	515.251	501.482

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

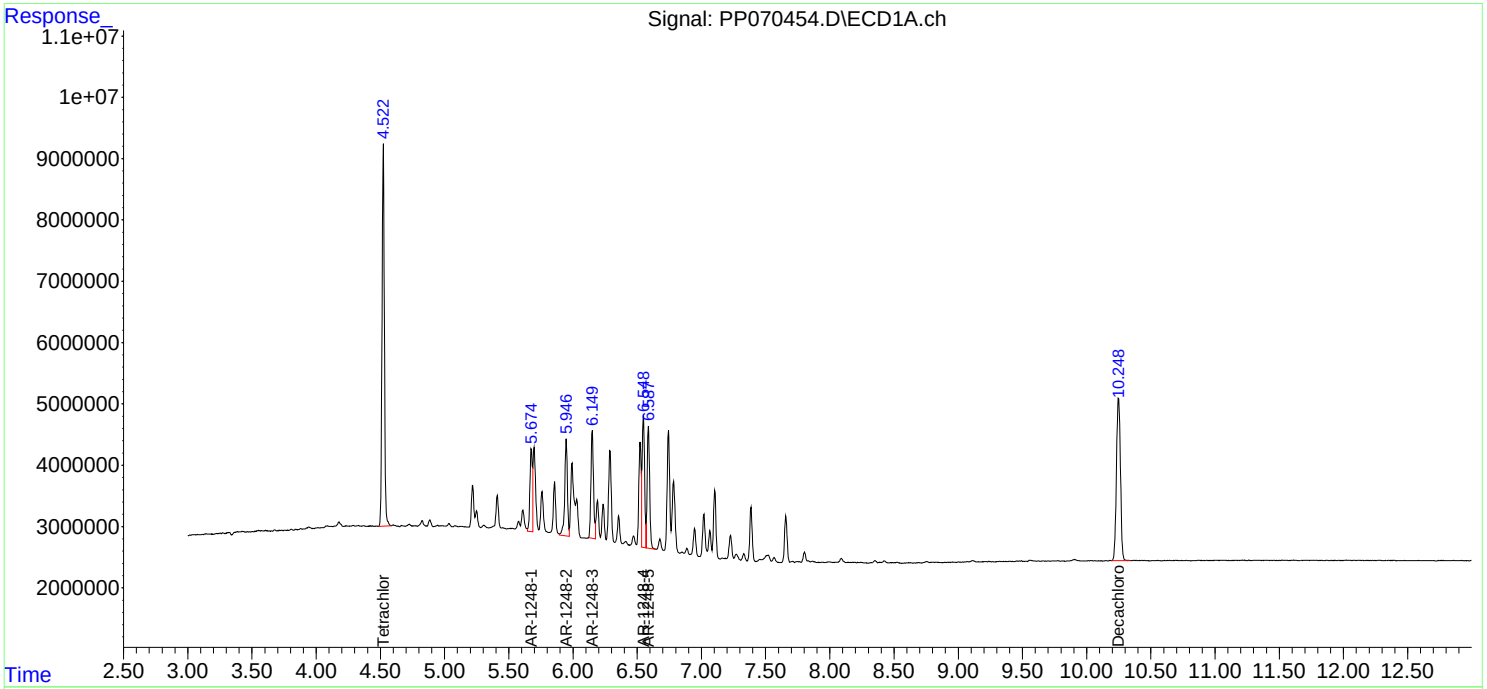
ICAL Form

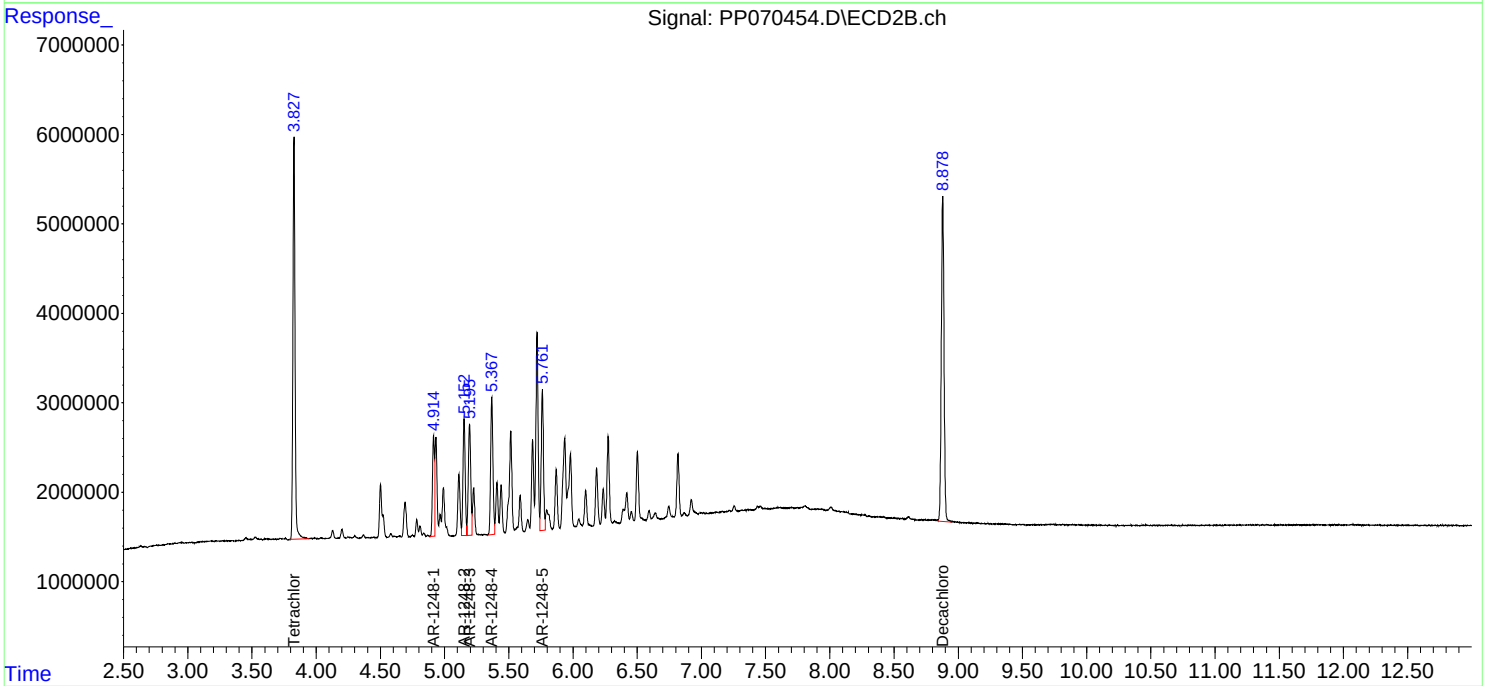
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070454.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 00:43
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 38 Sample Multiplier: 1

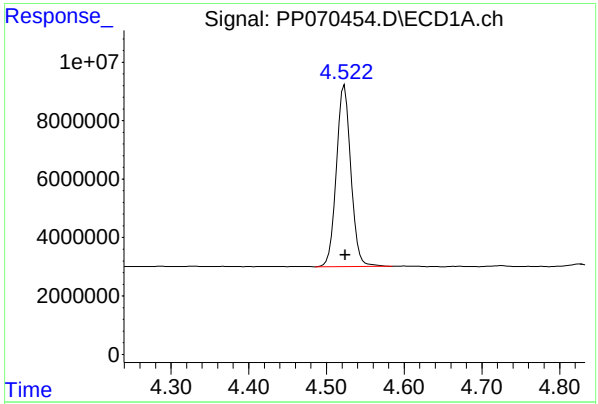
Instrument :
ECD_P
ClientSampleId :
ICVPP031125AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 01:44:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 12 01:39:22 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



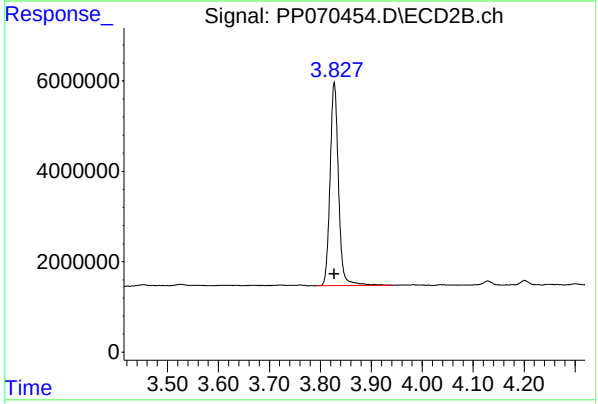




#1 Tetrachloro-m-xylene

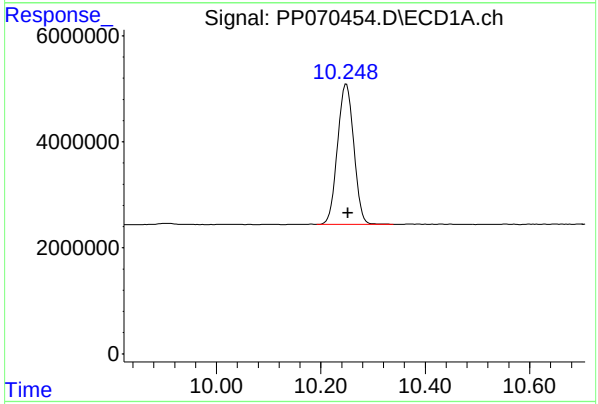
R.T.: 4.523 min
Delta R.T.: 0.000 min
Response: 80763365
Conc: 51.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP031125AR1248



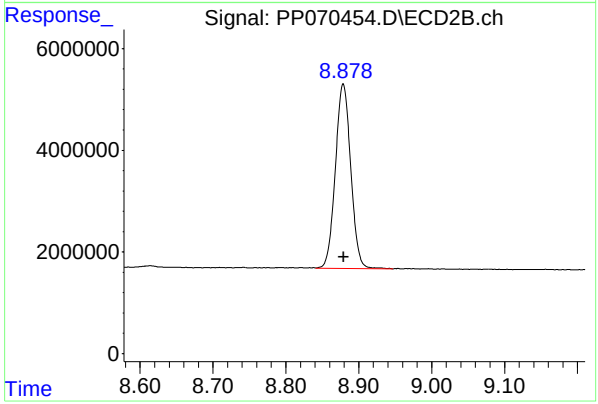
#1 Tetrachloro-m-xylene

R.T.: 3.827 min
Delta R.T.: 0.000 min
Response: 51993820
Conc: 51.00 ng/ml



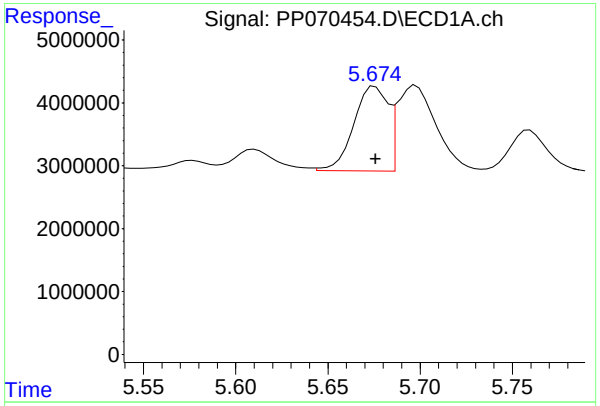
#2 Decachlorobiphenyl

R.T.: 10.249 min
Delta R.T.: -0.003 min
Response: 57381734
Conc: 53.11 ng/ml



#2 Decachlorobiphenyl

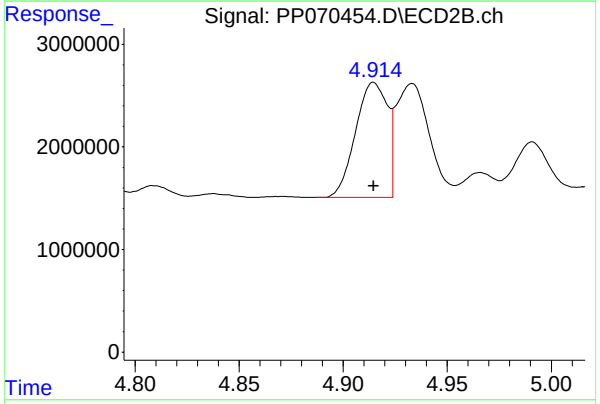
R.T.: 8.879 min
Delta R.T.: 0.000 min
Response: 53329390
Conc: 53.34 ng/ml



#21 AR-1248-1

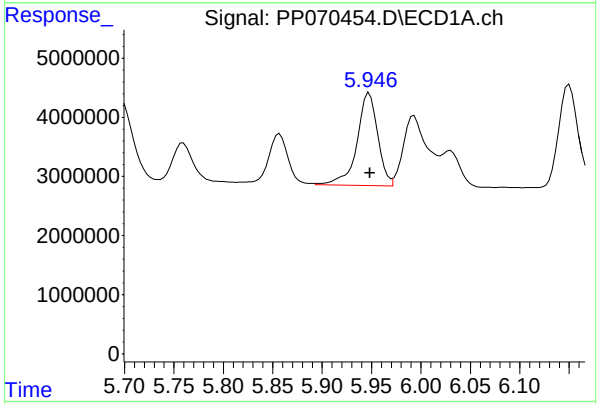
R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 17366035
Conc: 508.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP031125AR1248



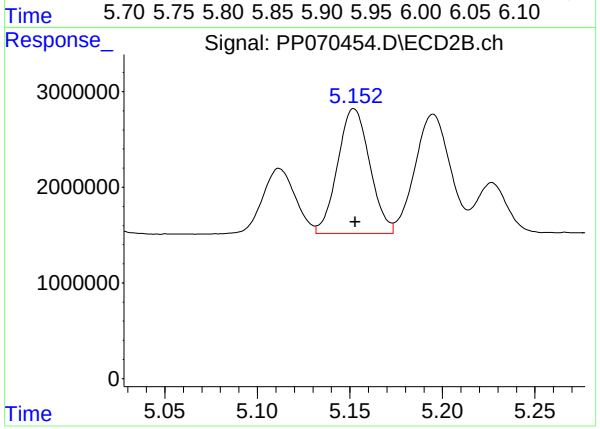
#21 AR-1248-1

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 11930350
Conc: 508.20 ng/ml



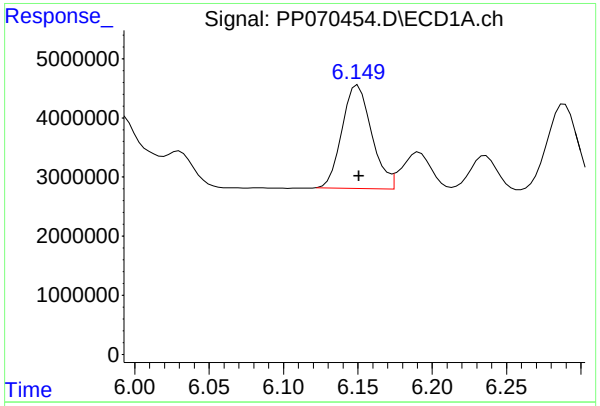
#22 AR-1248-2

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 22908060
Conc: 539.68 ng/ml



#22 AR-1248-2

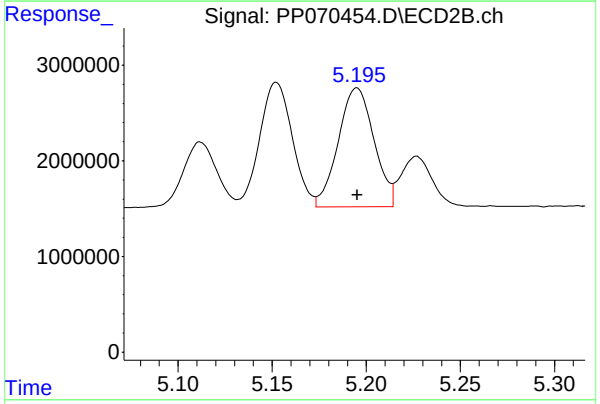
R.T.: 5.152 min
Delta R.T.: 0.000 min
Response: 15777449
Conc: 504.02 ng/ml



#23 AR-1248-3

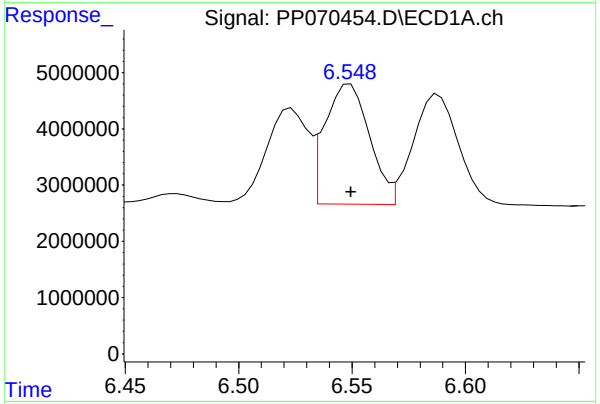
R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 24248973
Conc: 525.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP031125AR1248



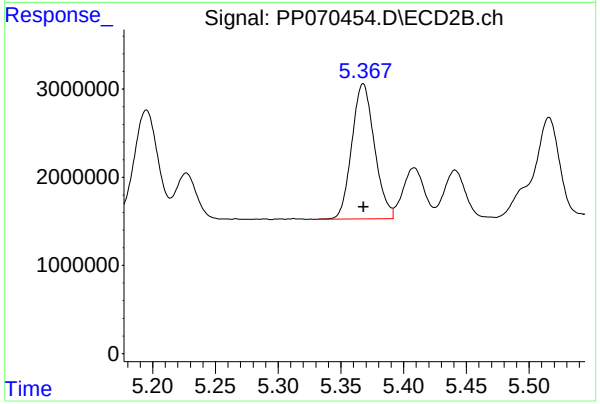
#23 AR-1248-3

R.T.: 5.195 min
Delta R.T.: 0.000 min
Response: 16449582
Conc: 518.56 ng/ml



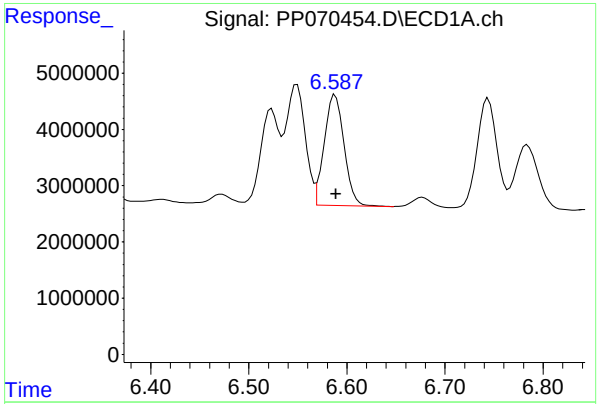
#24 AR-1248-4

R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 29245571
Conc: 504.31 ng/ml



#24 AR-1248-4

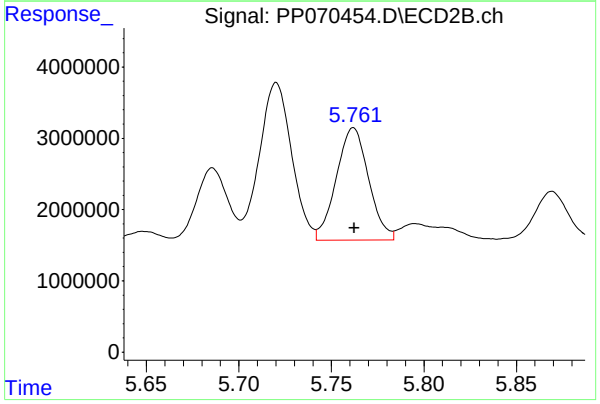
R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 19332171
Conc: 496.04 ng/ml



#25 AR-1248-5

R.T.: 6.588 min
Delta R.T.: 0.000 min
Response: 27662486
Conc: 515.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP031125AR1248



#25 AR-1248-5

R.T.: 5.762 min
Delta R.T.: 0.000 min
Response: 19099791
Conc: 501.48 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070455.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 00:59
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP031125AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 01:56:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 12 01:49:19 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...	4.525	3.827	82035673	53945391	51.568	53.445
2)	SA Decachlor...	10.250	8.878	58425643	54856879	52.829	51.364
	Target Compounds						
26)	L6 AR-1254-1	6.527	5.721	29456235	28994348	514.431	514.789
27)	L6 AR-1254-2	6.743	5.869	42978463	24997724	530.257	511.133
28)	L6 AR-1254-3	7.106	6.274	43763209	38958184	519.927	516.564
29)	L6 AR-1254-4	7.389	6.502	36692419	27576382	523.152	522.756
30)	L6 AR-1254-5	7.805	6.921	36360967	35678139	520.504	516.666

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

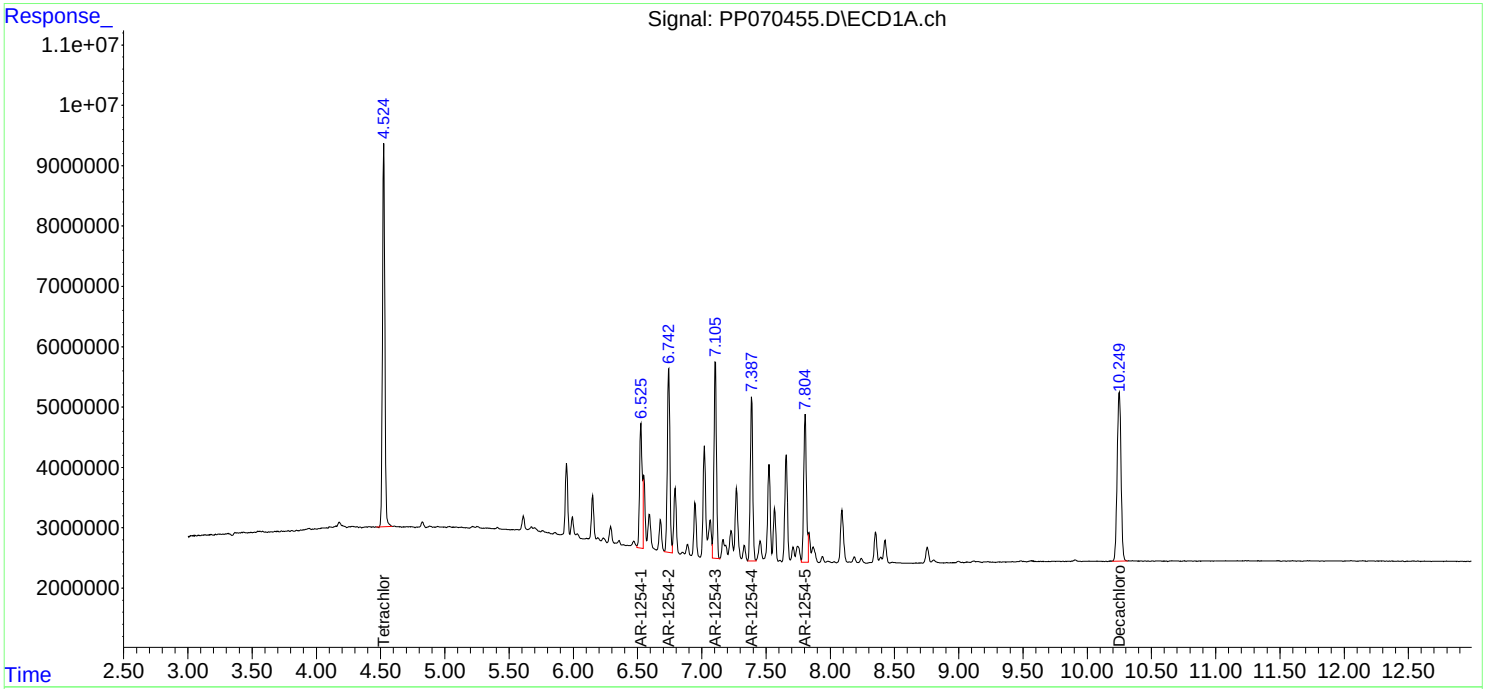
ICAL Form

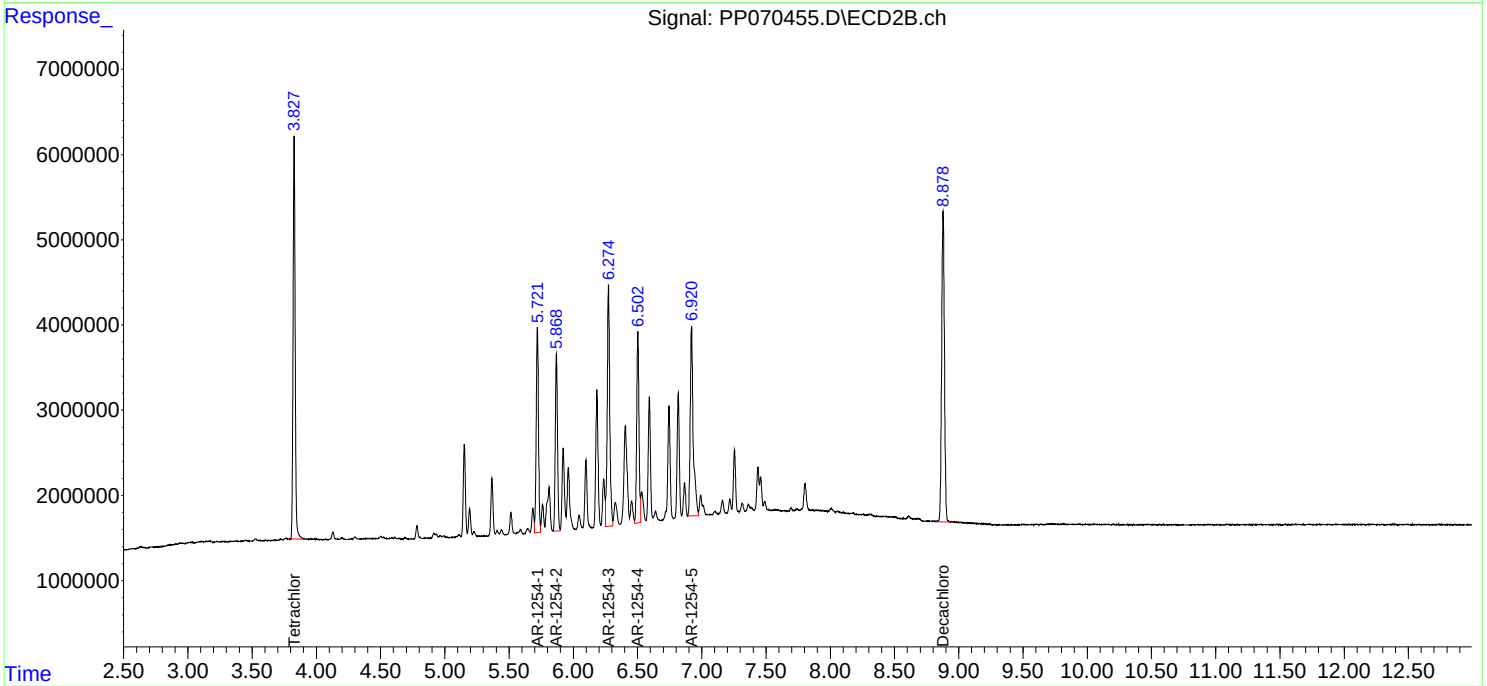
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070455.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 00:59
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 39 Sample Multiplier: 1

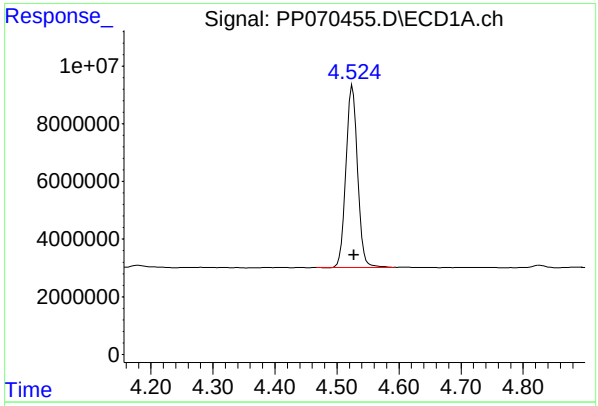
Instrument :
ECD_P
ClientSampleId :
ICVPP031125AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 01:56:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 12 01:49:19 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



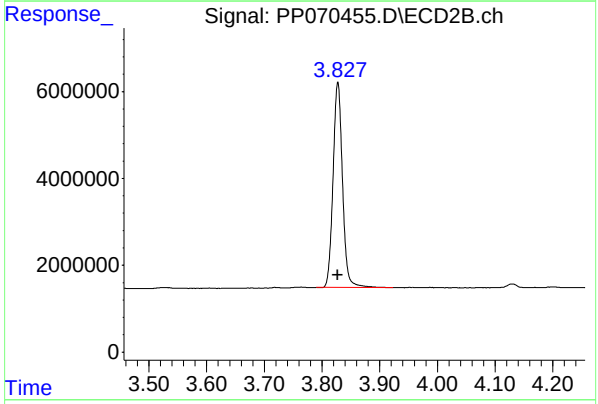




#1 Tetrachloro-m-xylene

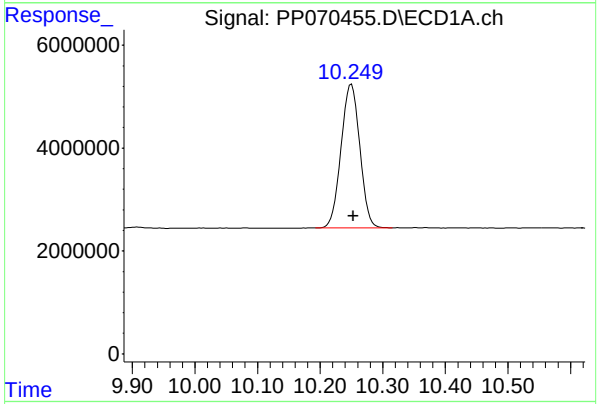
R.T.: 4.525 min
Delta R.T.: -0.002 mi
Response: 82035673
Conc: 51.57 ng/m

Instrument :
ECD_P
ClientSampleId :
ICVPP031125AR1254



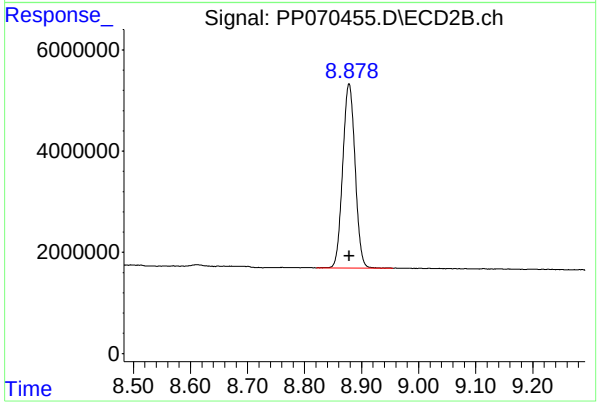
#1 Tetrachloro-m-xylene

R.T.: 3.827 min
Delta R.T.: 0.000 min
Response: 53945391
Conc: 53.45 ng/ml



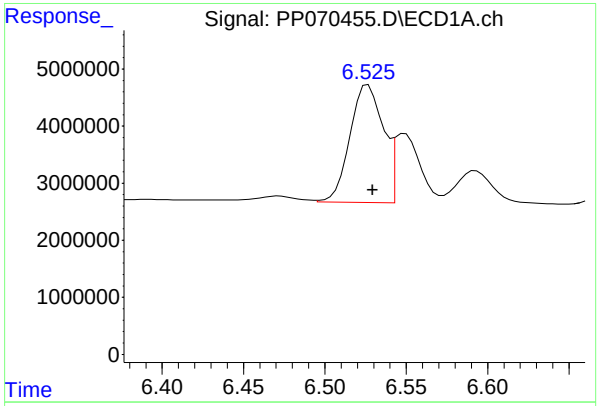
#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.003 min
Response: 58425643
Conc: 52.83 ng/ml



#2 Decachlorobiphenyl

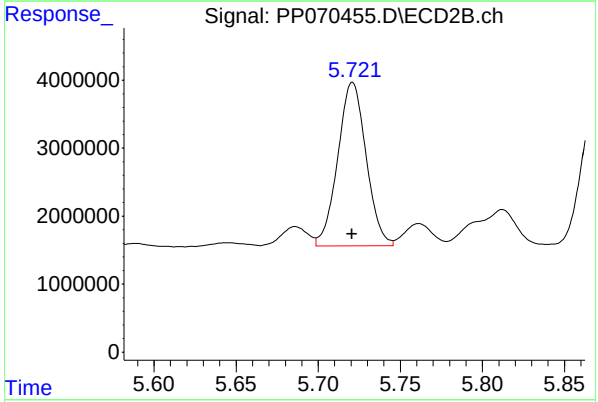
R.T.: 8.878 min
Delta R.T.: 0.000 min
Response: 54856879
Conc: 51.36 ng/ml



#26 AR-1254-1

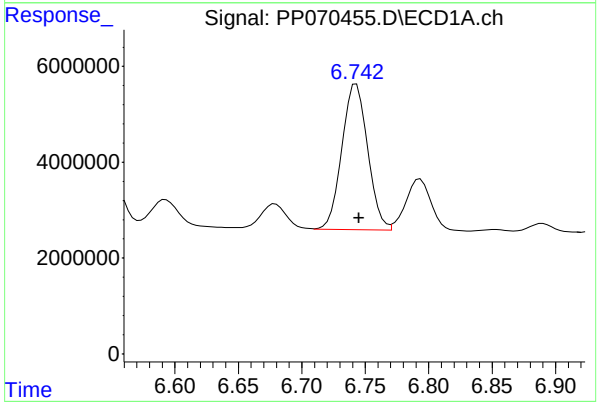
R.T.: 6.527 min
Delta R.T.: -0.003 min
Response: 29456235
Conc: 514.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP031125AR1254



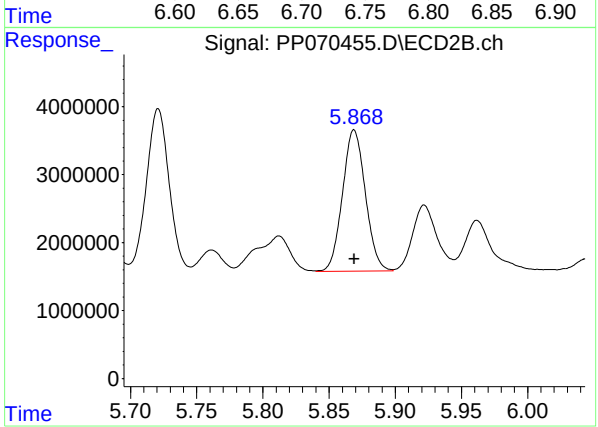
#26 AR-1254-1

R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 28994348
Conc: 514.79 ng/ml



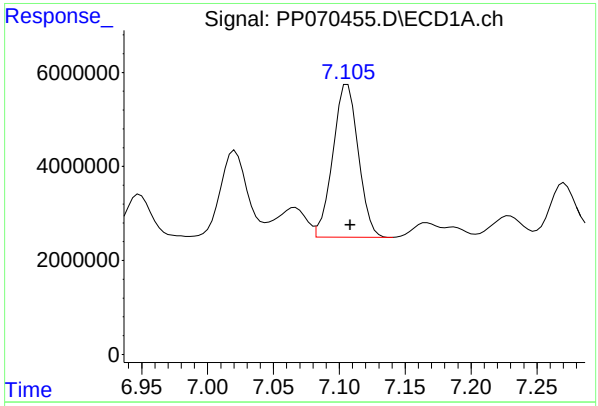
#27 AR-1254-2

R.T.: 6.743 min
Delta R.T.: -0.002 min
Response: 42978463
Conc: 530.26 ng/ml



#27 AR-1254-2

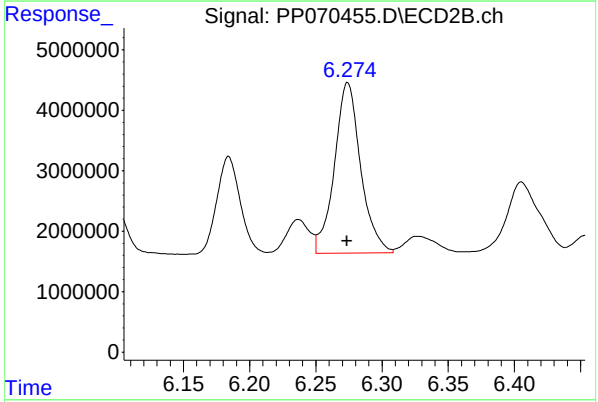
R.T.: 5.869 min
Delta R.T.: 0.000 min
Response: 24997724
Conc: 511.13 ng/ml



#28 AR-1254-3

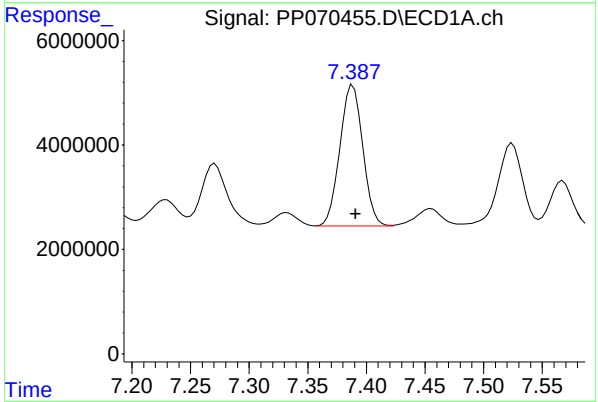
R.T.: 7.106 min
Delta R.T.: -0.002 min
Response: 43763209
Conc: 519.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP031125AR1254



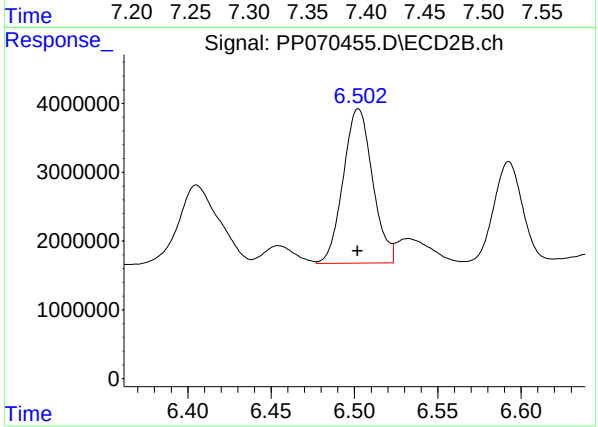
#28 AR-1254-3

R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 38958184
Conc: 516.56 ng/ml



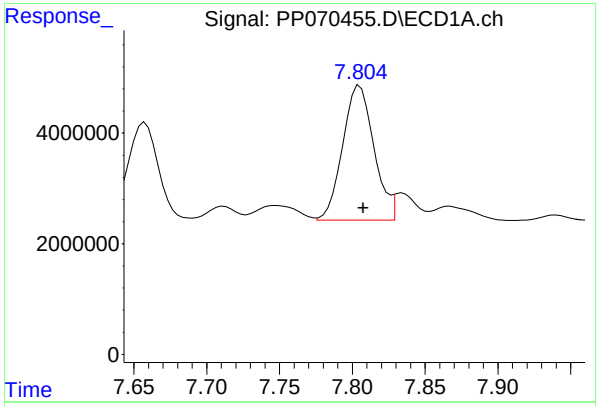
#29 AR-1254-4

R.T.: 7.389 min
Delta R.T.: -0.002 min
Response: 36692419
Conc: 523.15 ng/ml



#29 AR-1254-4

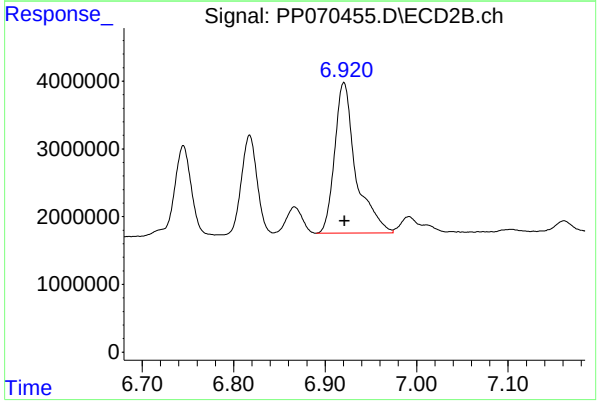
R.T.: 6.502 min
Delta R.T.: 0.000 min
Response: 27576382
Conc: 522.76 ng/ml



#30 AR-1254-5

R.T.: 7.805 min
Delta R.T.: -0.003 min
Response: 36360967
Conc: 520.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP031125AR1254



#30 AR-1254-5

R.T.: 6.921 min
Delta R.T.: 0.000 min
Response: 35678139
Conc: 516.67 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070456.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 01:16
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP031125AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 01:57:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 12 01:57:27 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...	4.525	3.826	82956019	55353504	50.459	50.190
2)	SA Decachlor...	10.250	8.877	97699870	88842686	50.660	50.991
	Target Compounds						
41)	L9 AR-1268-1	8.742	7.742	101.7E6	89726484	504.572	501.133
42)	L9 AR-1268-2	8.836	7.807	87505543	76005918	505.203	507.239
43)	L9 AR-1268-3	9.069	8.013	75570485	65882951	504.356	508.496
44)	L9 AR-1268-4	9.489	8.308	33480982	28268151	505.930	497.593
45)	L9 AR-1268-5	9.907	8.612	213.6E6	191.8E6	504.629	506.856

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

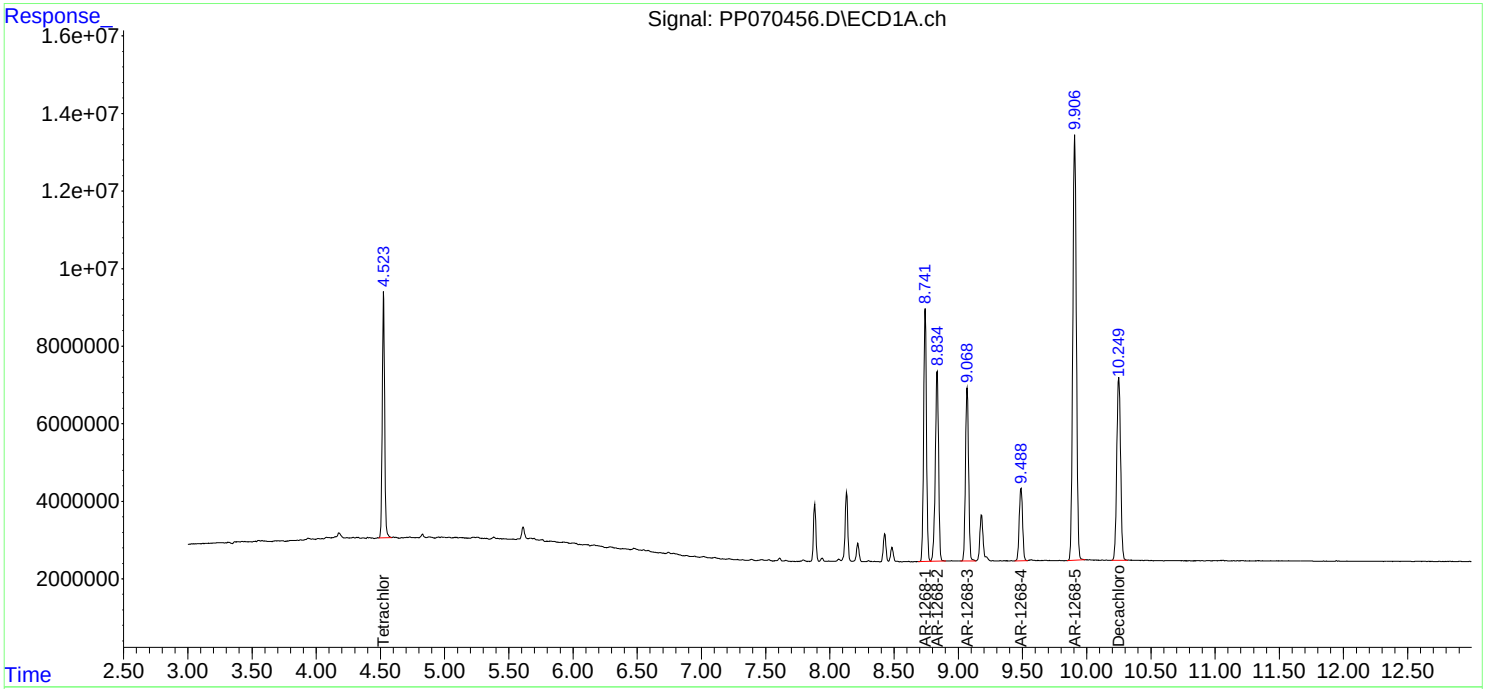
ICAL Form

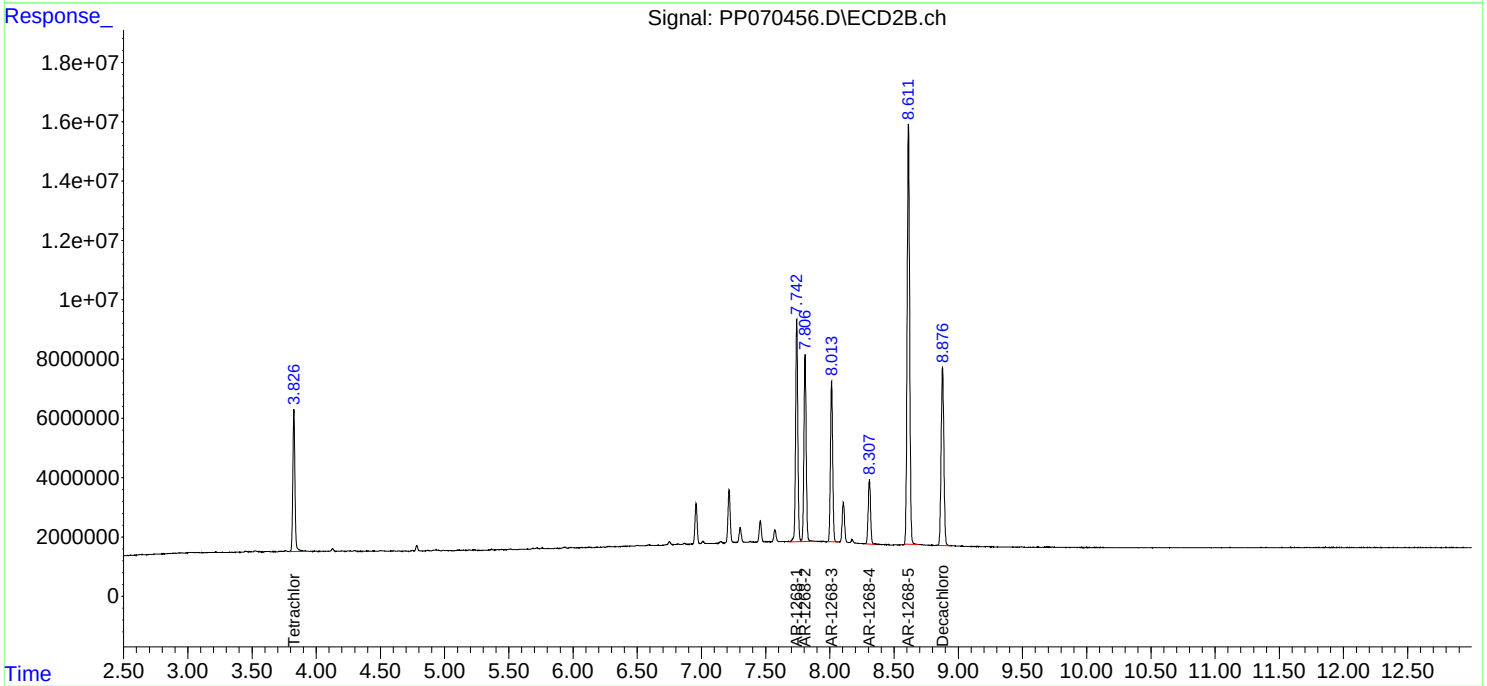
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070456.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 01:16
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 40 Sample Multiplier: 1

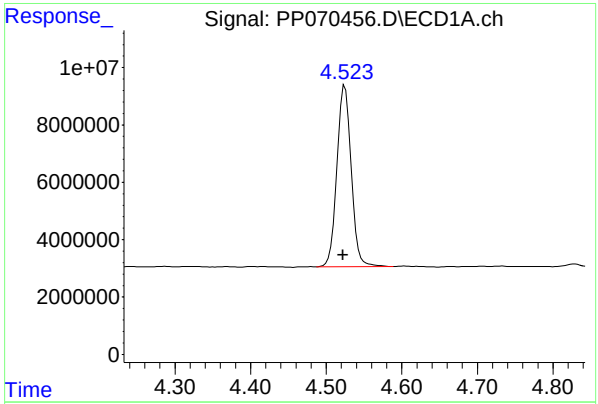
Instrument :
ECD_P
ClientSampleId :
ICVPP031125AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 01:57:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 12 01:57:27 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



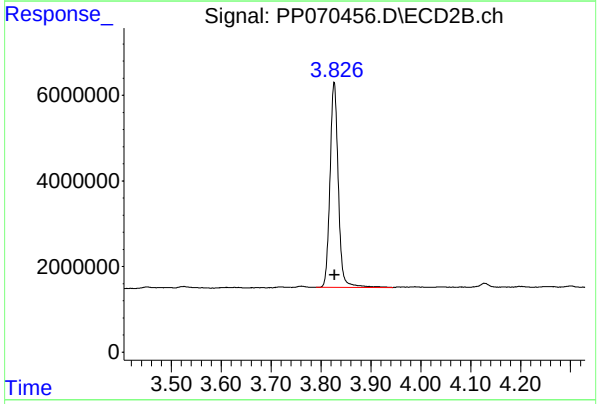




#1 Tetrachloro-m-xylene

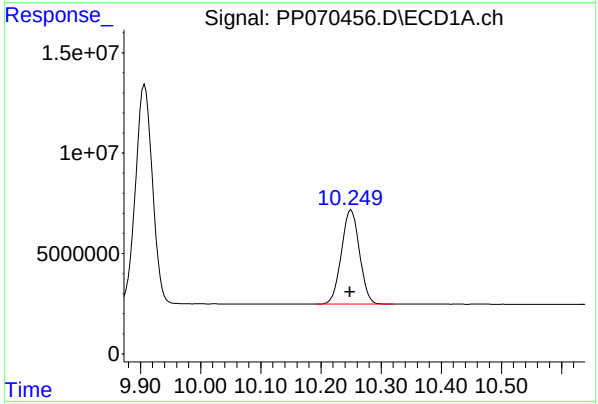
R.T.: 4.525 min
Delta R.T.: 0.003 min
Response: 82956019
Conc: 50.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP031125AR1268



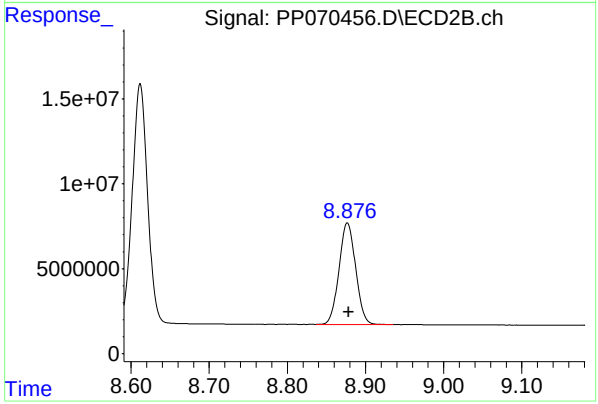
#1 Tetrachloro-m-xylene

R.T.: 3.826 min
Delta R.T.: 0.000 min
Response: 55353504
Conc: 50.19 ng/ml



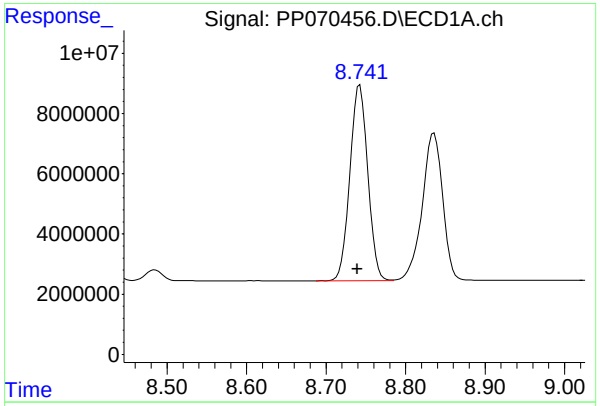
#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: 0.002 min
Response: 97699870
Conc: 50.66 ng/ml



#2 Decachlorobiphenyl

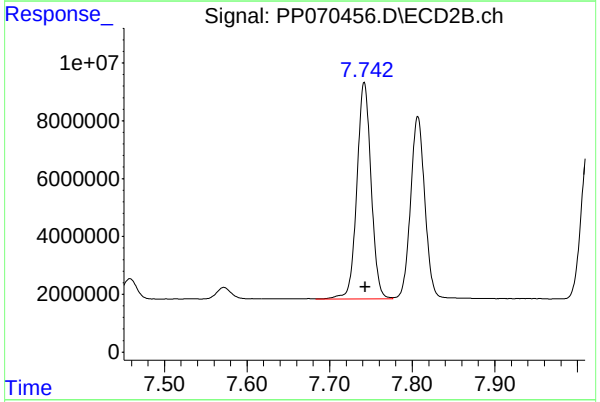
R.T.: 8.877 min
Delta R.T.: -0.002 min
Response: 88842686
Conc: 50.99 ng/ml



#41 AR-1268-1

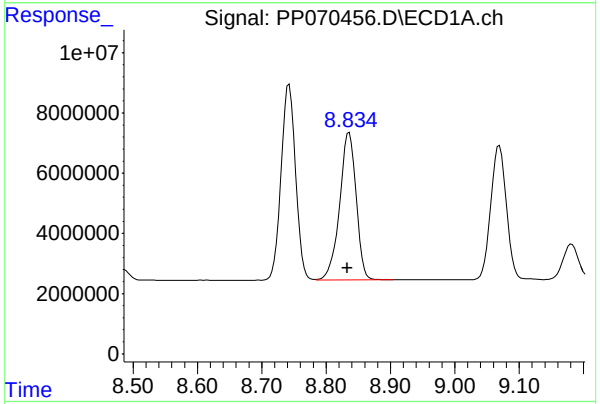
R.T.: 8.742 min
Delta R.T.: 0.003 min
Response: 101669370
Conc: 504.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP031125AR1268



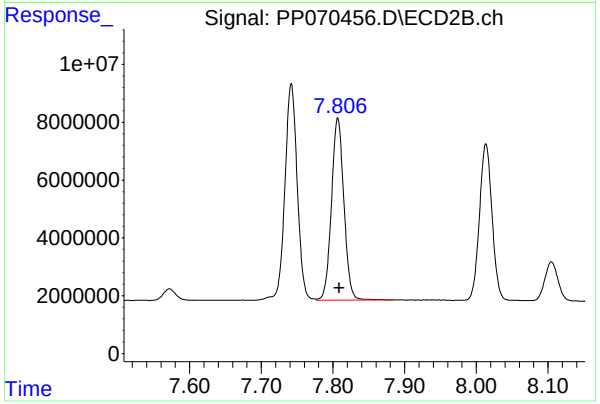
#41 AR-1268-1

R.T.: 7.742 min
Delta R.T.: -0.001 min
Response: 89726484
Conc: 501.13 ng/ml



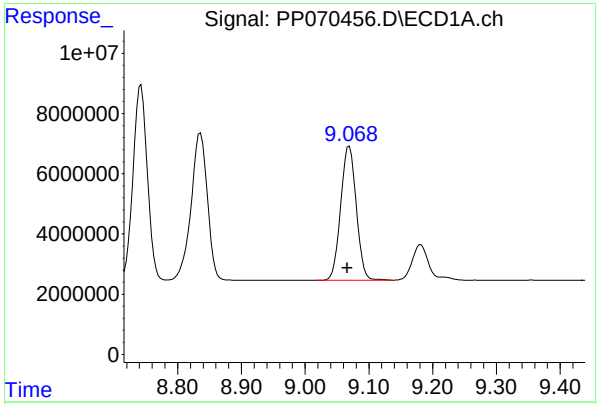
#42 AR-1268-2

R.T.: 8.836 min
Delta R.T.: 0.002 min
Response: 87505543
Conc: 505.20 ng/ml



#42 AR-1268-2

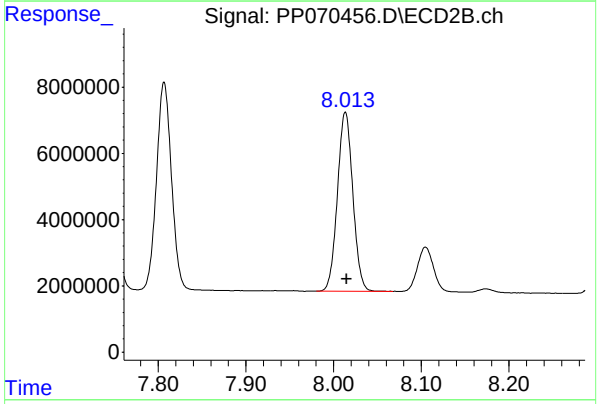
R.T.: 7.807 min
Delta R.T.: -0.002 min
Response: 76005918
Conc: 507.24 ng/ml



#43 AR-1268-3

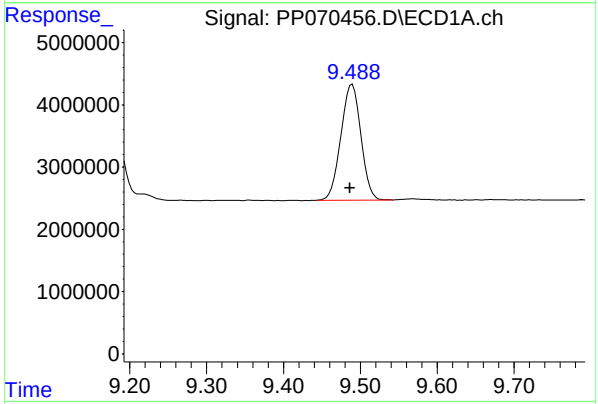
R.T.: 9.069 min
Delta R.T.: 0.003 min
Response: 75570485
Conc: 504.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP031125AR1268



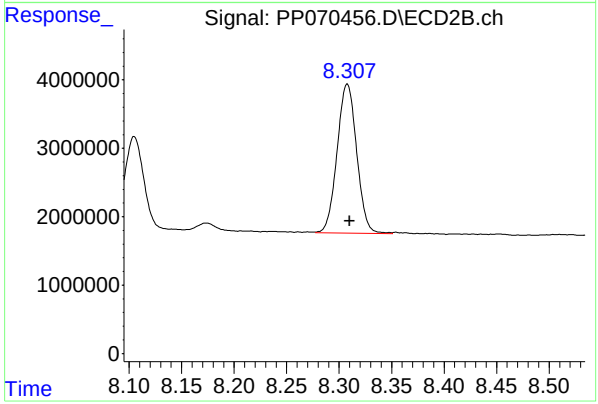
#43 AR-1268-3

R.T.: 8.013 min
Delta R.T.: -0.002 min
Response: 65882951
Conc: 508.50 ng/ml



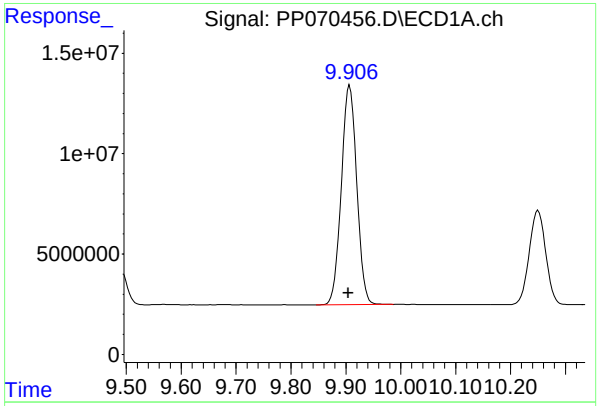
#44 AR-1268-4

R.T.: 9.489 min
Delta R.T.: 0.003 min
Response: 33480982
Conc: 505.93 ng/ml



#44 AR-1268-4

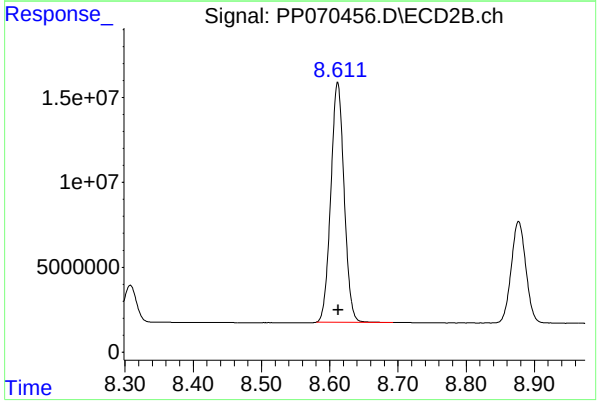
R.T.: 8.308 min
Delta R.T.: -0.002 min
Response: 28268151
Conc: 497.59 ng/ml



#45 AR-1268-5

R.T.: 9.907 min
Delta R.T.: 0.003 min
Response: 213574982
Conc: 504.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP031125AR1268



#45 AR-1268-5

R.T.: 8.612 min
Delta R.T.: -0.001 min
Response: 191750380
Conc: 506.86 ng/ml

Raw Data: **PO109790.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Continuing Calib Date: 03/11/2025 **Initial Calibration Date(s):** 02/20/2025 02/21/2025

Continuing Calib Time: 17:17 **Initial Calibration Time(s):** 16:46 01:02

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)	4.79	4.79	4.69	4.89	0.00
Aroclor-1016-2	(2)	4.81	4.81	4.71	4.91	0.00
Aroclor-1016-3	(3)	4.86	4.87	4.77	4.97	0.01
Aroclor-1016-4	(4)	4.98	4.99	4.89	5.09	0.01
Aroclor-1016-5	(5)	5.24	5.25	5.15	5.35	0.01
Aroclor-1260-1	(1)	6.28	6.29	6.19	6.39	0.01
Aroclor-1260-2	(2)	6.47	6.48	6.38	6.58	0.01
Aroclor-1260-3	(3)	6.84	6.85	6.75	6.95	0.01
Aroclor-1260-4	(4)	7.10	7.11	7.01	7.21	0.01
Aroclor-1260-5	(5)	7.34	7.35	7.25	7.45	0.01
Tetrachloro-m-xylene		3.69	3.70	3.60	3.80	0.01
Decachlorobiphenyl		8.75	8.76	8.66	8.86	0.01

Raw Data: **PO109790.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Continuing Calib Date: 03/11/2025 **Initial Calibration Date(s):** 02/20/2025 02/21/2025

Continuing Calib Time: 17:17 **Initial Calibration Time(s):** 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-2	(2)	4.80	4.80	4.70	4.90	0.00
Aroclor-1016-3	(3)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-4	(4)	5.01	5.01	4.91	5.11	0.00
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.01
Aroclor-1260-1	(1)	6.26	6.26	6.16	6.36	0.00
Aroclor-1260-2	(2)	6.45	6.45	6.35	6.55	0.00
Aroclor-1260-3	(3)	6.60	6.60	6.50	6.70	0.00
Aroclor-1260-4	(4)	7.07	7.07	6.97	7.17	0.00
Aroclor-1260-5	(5)	7.31	7.31	7.21	7.41	0.00
Tetrachloro-m-xylene		3.69	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.70	8.71	8.61	8.81	0.01

Raw Data: **PO109790.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/20/2025 02/20/2025

Client Sample No.: CCAL01 **Date Analyzed:** 03/11/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO109790.D **Time Analyzed:** 17:17

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.787	4.691	4.891	552.860	500.000	10.6
Aroclor-1016-2	4.807	4.711	4.911	558.550	500.000	11.7
Aroclor-1016-3	4.863	4.767	4.967	557.620	500.000	11.5
Aroclor-1016-4	4.984	4.888	5.088	568.430	500.000	13.7
Aroclor-1016-5	5.241	5.145	5.345	573.290	500.000	14.7
Aroclor-1260-1	6.282	6.188	6.388	516.360	500.000	3.3
Aroclor-1260-2	6.471	6.377	6.577	512.850	500.000	2.6
Aroclor-1260-3	6.839	6.746	6.946	505.790	500.000	1.2
Aroclor-1260-4	7.100	7.005	7.205	494.440	500.000	-1.1
Aroclor-1260-5	7.341	7.247	7.447	503.620	500.000	0.7
Decachlorobiphenyl	8.749	8.657	8.857	41.590	50.000	-16.8
Tetrachloro-m-xylene	3.694	3.598	3.798	54.570	50.000	9.1

Raw Data: **PO109790.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/20/2025 02/20/2025

Client Sample No.: CCAL01 **Date Analyzed:** 03/11/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO109790.D **Time Analyzed:** 17:17

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.775	4.678	4.878	591.620	500.000	18.3
Aroclor-1016-2	4.795	4.697	4.897	606.190	500.000	21.2
Aroclor-1016-3	4.970	4.872	5.072	605.710	500.000	21.1
Aroclor-1016-4	5.012	4.914	5.114	572.430	500.000	14.5
Aroclor-1016-5	5.225	5.127	5.327	585.590	500.000	17.1
Aroclor-1260-1	6.258	6.161	6.361	545.930	500.000	9.2
Aroclor-1260-2	6.445	6.348	6.548	555.200	500.000	11.0
Aroclor-1260-3	6.599	6.502	6.702	541.160	500.000	8.2
Aroclor-1260-4	7.071	6.974	7.174	530.450	500.000	6.1
Aroclor-1260-5	7.311	7.214	7.414	537.920	500.000	7.6
Decachlorobiphenyl	8.703	8.607	8.807	44.280	50.000	-11.4
Tetrachloro-m-xylene	3.693	3.594	3.794	58.120	50.000	16.2

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO031125\
Data File : PO109790.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 17:17
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 21:34:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.694	3.693	516.5E6	304.2E6	54.573	58.122
2)	SA Decachlor...	8.749	8.703	357.7E6	141.0E6	41.590	44.282
	Target Compounds						
3)	L1 AR-1016-1	4.787	4.775	170.4E6	92393217	552.862	591.617
4)	L1 AR-1016-2	4.807	4.795	235.2E6	131.2E6	558.553	606.193
5)	L1 AR-1016-3	4.863	4.970	165.0E6	72353170	557.620	605.713
6)	L1 AR-1016-4	4.984	5.012	131.8E6	59573566	568.427	572.434
7)	L1 AR-1016-5	5.241	5.225	148.0E6	79788760	573.289	585.590
31)	L7 AR-1260-1	6.282	6.258	240.7E6	129.3E6	516.357	545.933
32)	L7 AR-1260-2	6.471	6.445	289.8E6	152.8E6	512.855	555.200
33)	L7 AR-1260-3	6.839	6.599	240.6E6	138.0E6	505.791	541.161
34)	L7 AR-1260-4	7.100	7.071	213.4E6	109.4E6	494.436	530.450
35)	L7 AR-1260-5	7.341	7.311	500.5E6	240.9E6	503.623	537.922

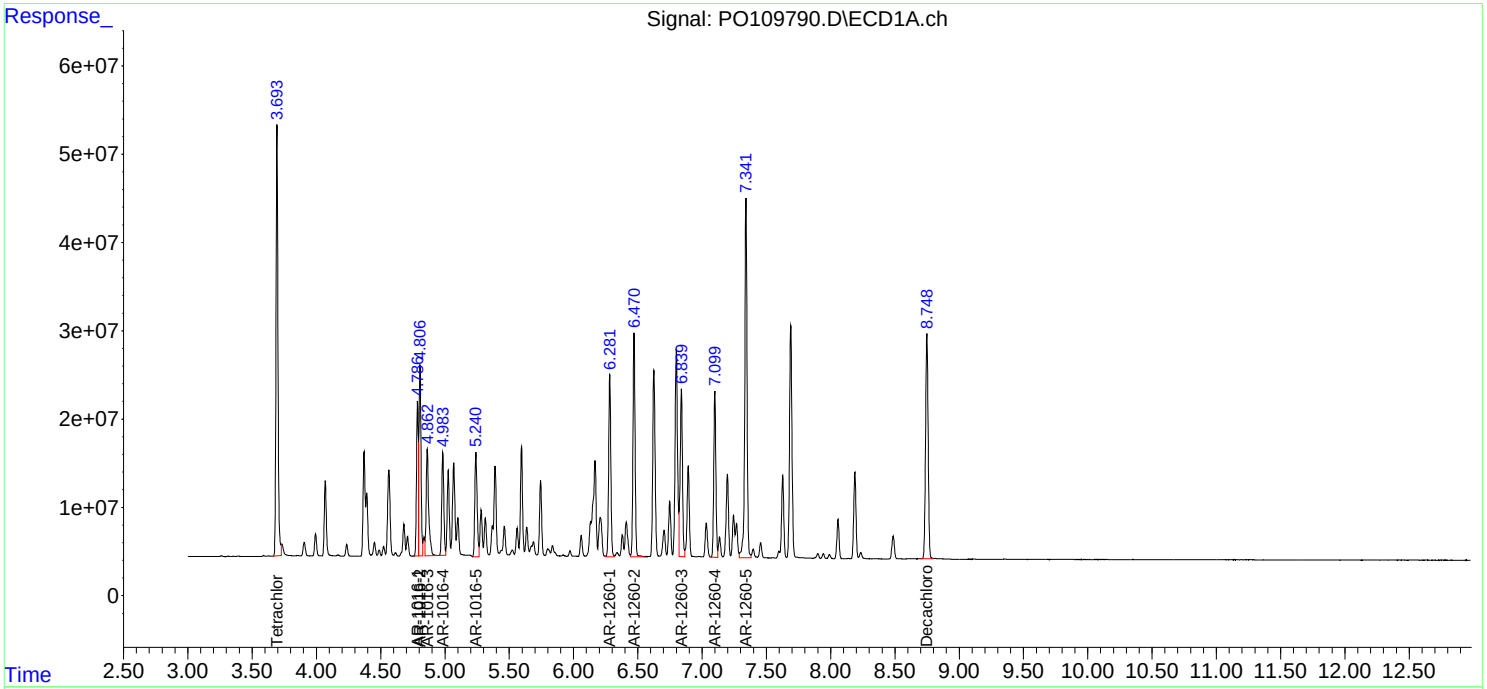
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

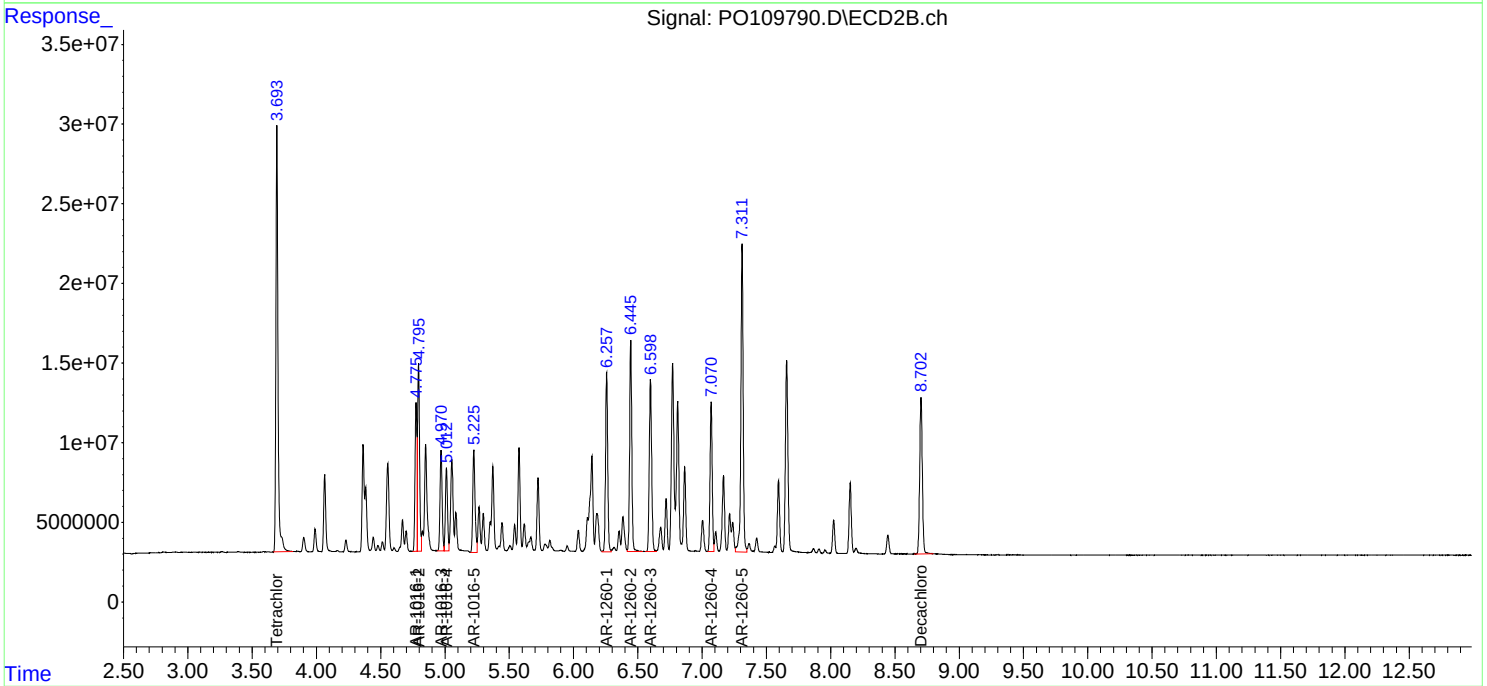
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO031125\
Data File : PO109790.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 17:17
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

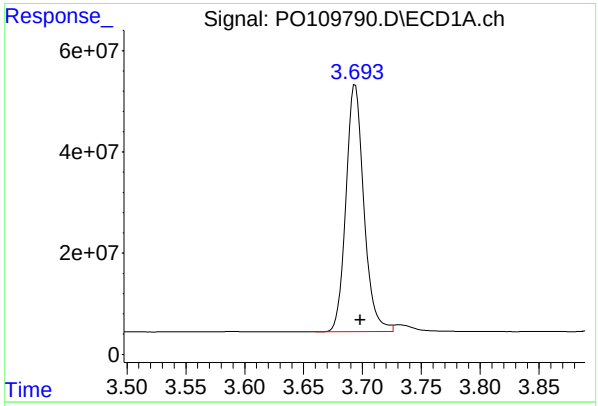
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 21:34:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



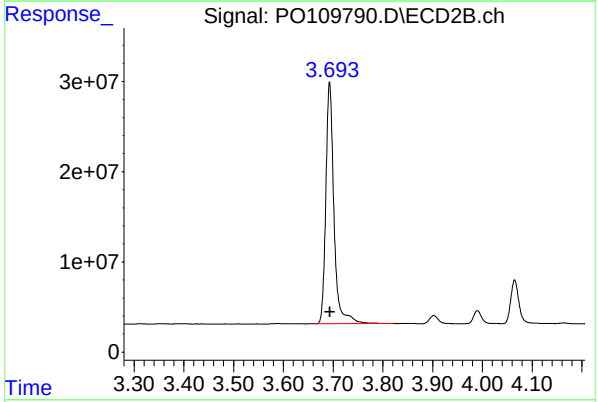




#1 Tetrachloro-m-xylene

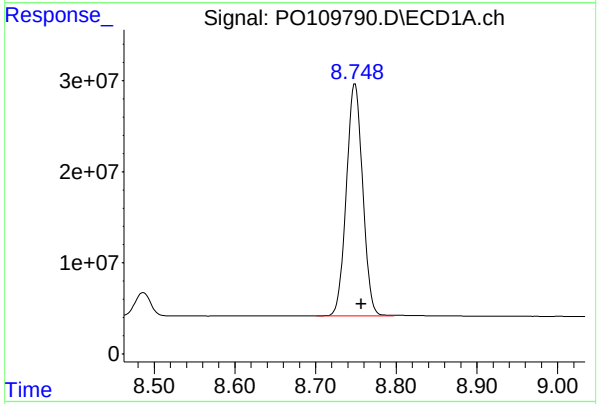
R.T.: 3.694 min
Delta R.T.: -0.004 min
Response: 516537411
Conc: 54.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



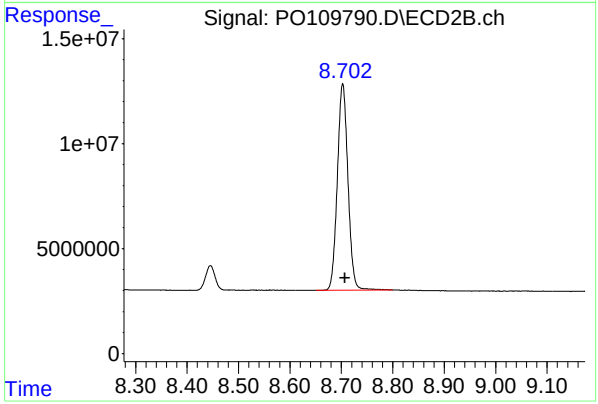
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 304221326
Conc: 58.12 ng/ml



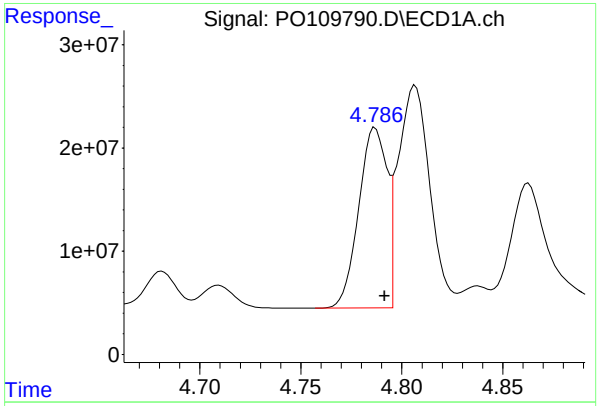
#2 Decachlorobiphenyl

R.T.: 8.749 min
Delta R.T.: -0.008 min
Response: 357748927
Conc: 41.59 ng/ml



#2 Decachlorobiphenyl

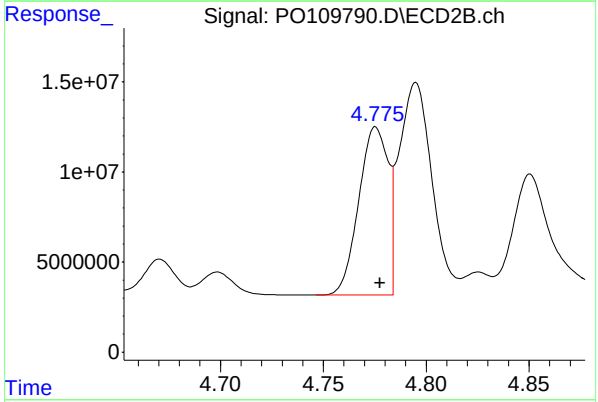
R.T.: 8.703 min
Delta R.T.: -0.004 min
Response: 141004980
Conc: 44.28 ng/ml



#3 AR-1016-1

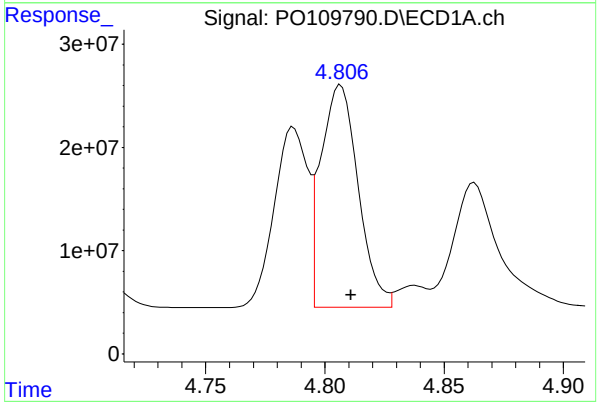
R.T.: 4.787 min
Delta R.T.: -0.005 min
Response: 170441995
Conc: 552.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



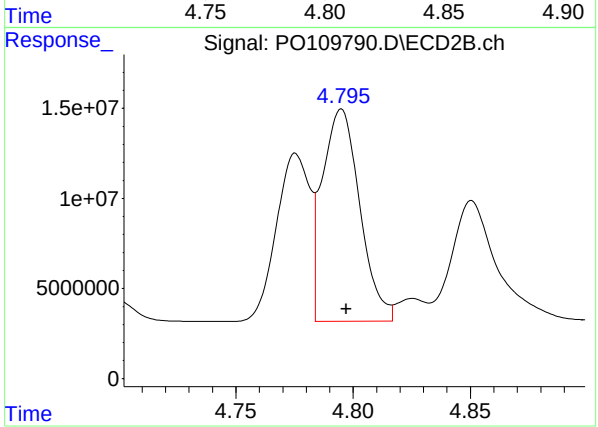
#3 AR-1016-1

R.T.: 4.775 min
Delta R.T.: -0.002 min
Response: 92393217
Conc: 591.62 ng/ml



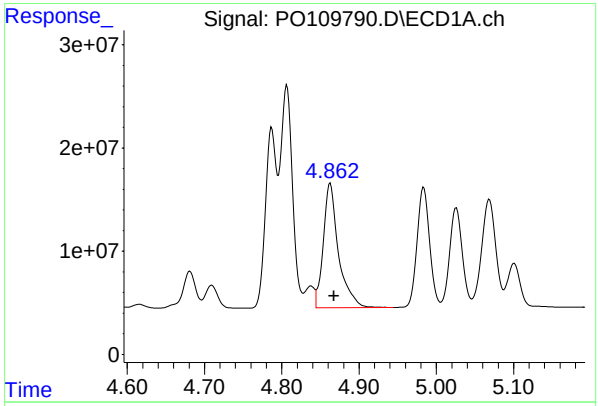
#4 AR-1016-2

R.T.: 4.807 min
Delta R.T.: -0.004 min
Response: 235165651
Conc: 558.55 ng/ml



#4 AR-1016-2

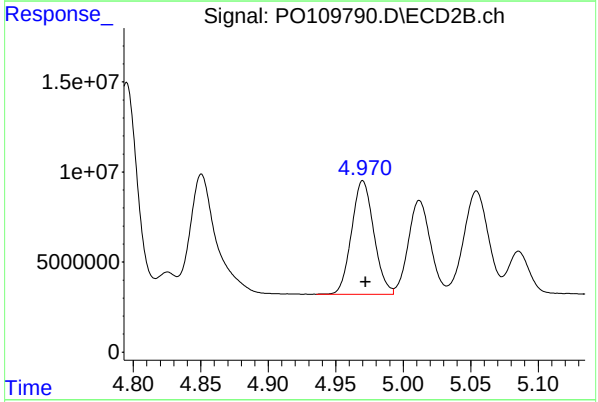
R.T.: 4.795 min
Delta R.T.: -0.002 min
Response: 131200673
Conc: 606.19 ng/ml



#5 AR-1016-3

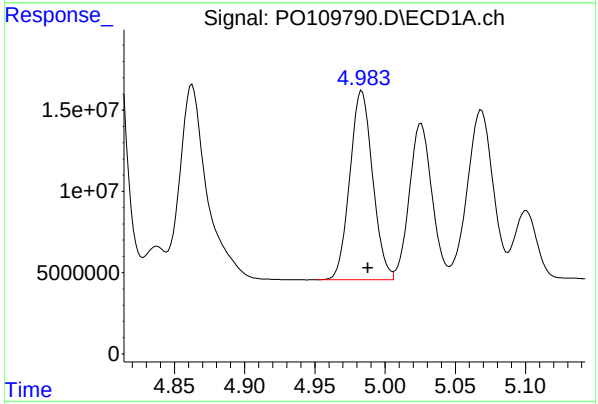
R.T.: 4.863 min
Delta R.T.: -0.005 min
Response: 164953454
Conc: 557.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



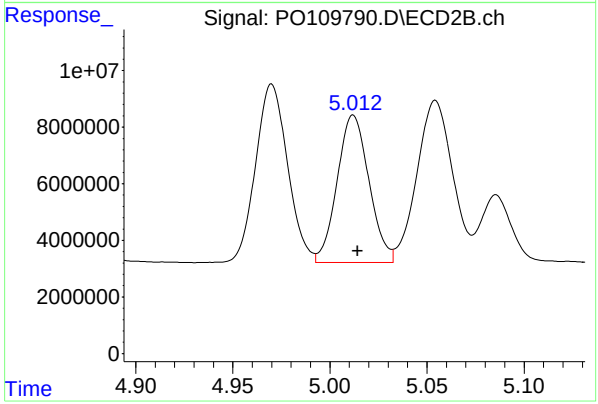
#5 AR-1016-3

R.T.: 4.970 min
Delta R.T.: -0.002 min
Response: 72353170
Conc: 605.71 ng/ml



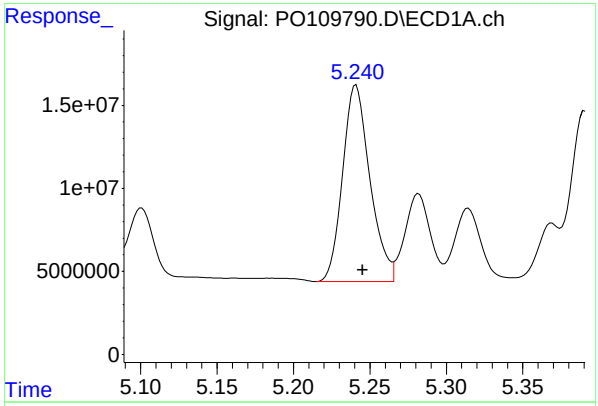
#6 AR-1016-4

R.T.: 4.984 min
Delta R.T.: -0.004 min
Response: 131750100
Conc: 568.43 ng/ml



#6 AR-1016-4

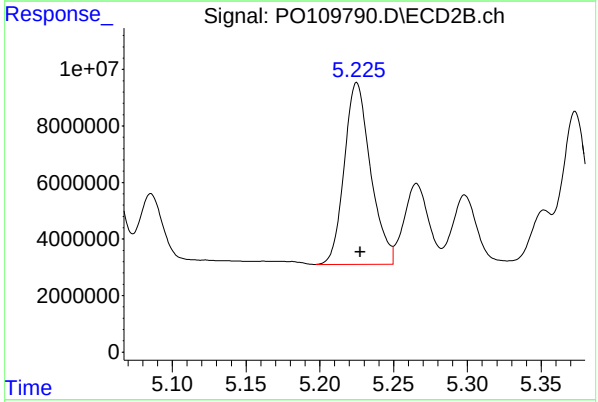
R.T.: 5.012 min
Delta R.T.: -0.002 min
Response: 59573566
Conc: 572.43 ng/ml



#7 AR-1016-5

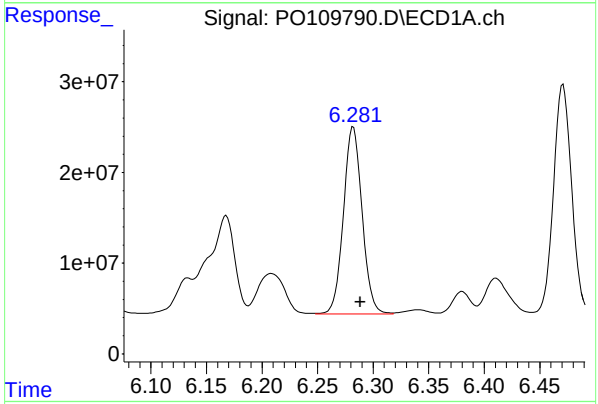
R.T.: 5.241 min
Delta R.T.: -0.004 min
Response: 148040329
Conc: 573.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



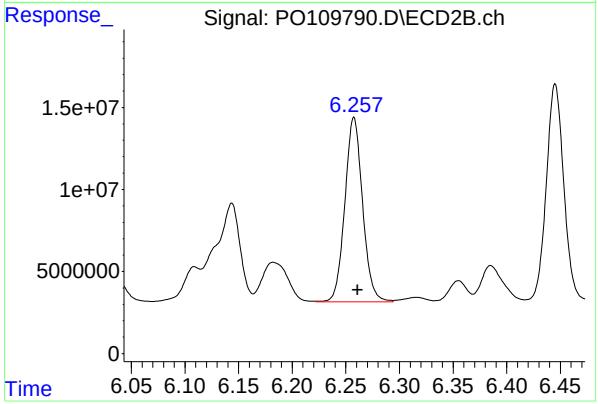
#7 AR-1016-5

R.T.: 5.225 min
Delta R.T.: -0.002 min
Response: 79788760
Conc: 585.59 ng/ml



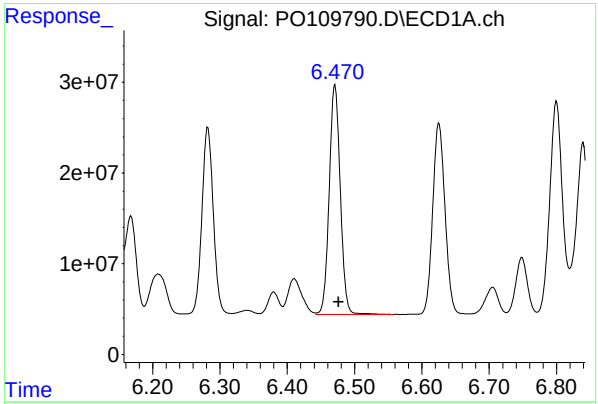
#31 AR-1260-1

R.T.: 6.282 min
Delta R.T.: -0.006 min
Response: 240690300
Conc: 516.36 ng/ml



#31 AR-1260-1

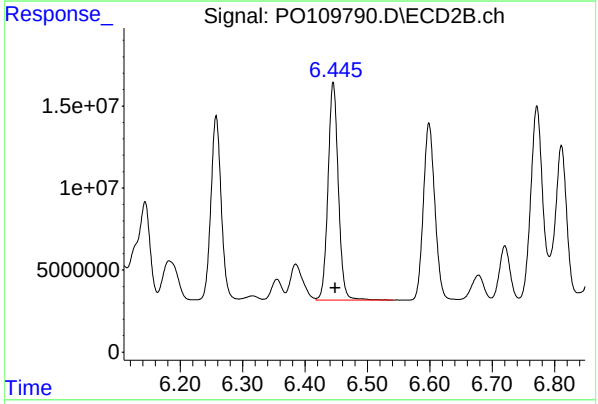
R.T.: 6.258 min
Delta R.T.: -0.003 min
Response: 129342136
Conc: 545.93 ng/ml



#32 AR-1260-2

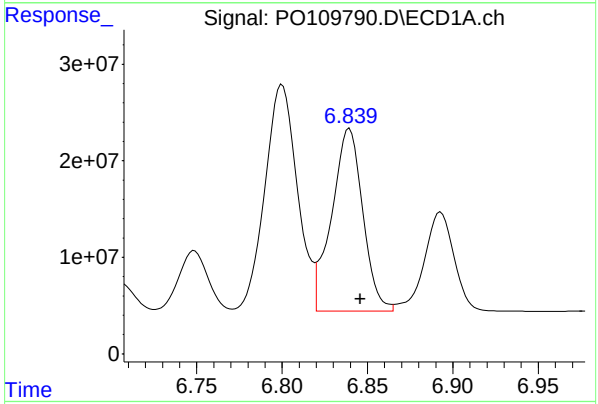
R.T.: 6.471 min
Delta R.T.: -0.006 min
Response: 289823725
Conc: 512.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



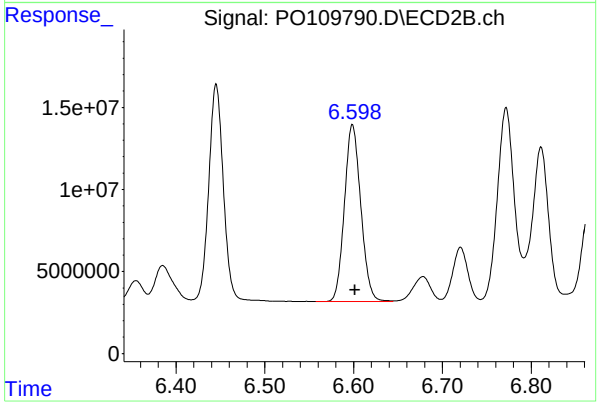
#32 AR-1260-2

R.T.: 6.445 min
Delta R.T.: -0.003 min
Response: 152775147
Conc: 555.20 ng/ml



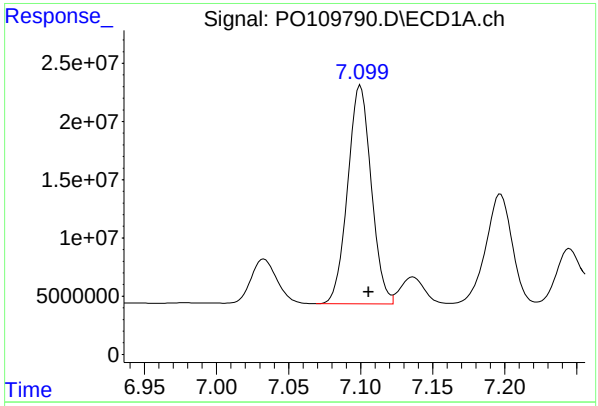
#33 AR-1260-3

R.T.: 6.839 min
Delta R.T.: -0.006 min
Response: 240584923
Conc: 505.79 ng/ml



#33 AR-1260-3

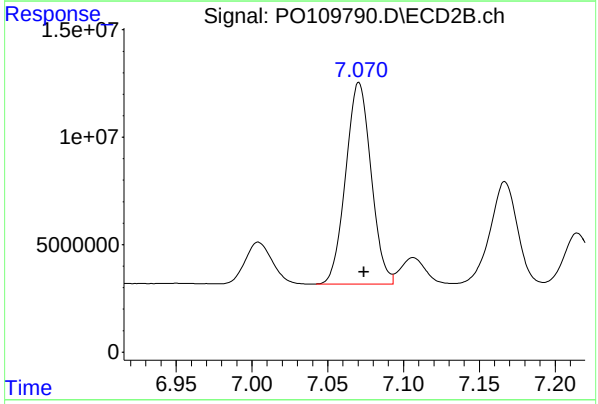
R.T.: 6.599 min
Delta R.T.: -0.003 min
Response: 138034096
Conc: 541.16 ng/ml



#34 AR-1260-4

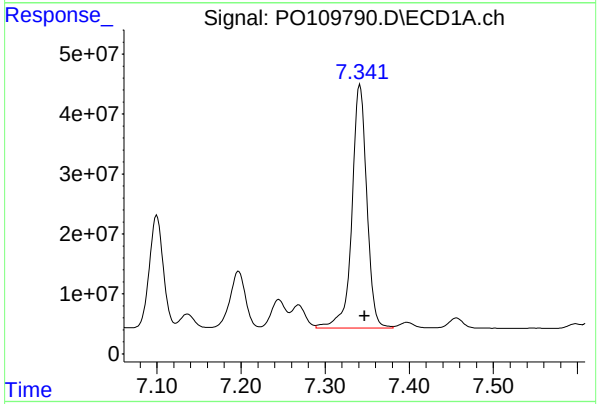
R.T.: 7.100 min
Delta R.T.: -0.006 min
Response: 213399024
Conc: 494.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



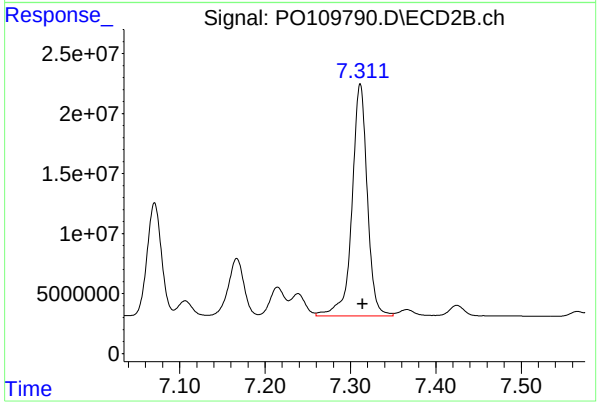
#34 AR-1260-4

R.T.: 7.071 min
Delta R.T.: -0.003 min
Response: 109374736
Conc: 530.45 ng/ml



#35 AR-1260-5

R.T.: 7.341 min
Delta R.T.: -0.006 min
Response: 500541663
Conc: 503.62 ng/ml



#35 AR-1260-5

R.T.: 7.311 min
Delta R.T.: -0.003 min
Response: 240872319
Conc: 537.92 ng/ml

Raw Data: **PO109805.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Continuing Calib Date: 03/11/2025 **Initial Calibration Date(s):** 02/20/2025 02/21/2025

Continuing Calib Time: 21:49 **Initial Calibration Time(s):** 16:46 01:02

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)	4.79	4.79	4.69	4.89	0.00
Aroclor-1016-2	(2)	4.81	4.81	4.71	4.91	0.00
Aroclor-1016-3	(3)	4.86	4.87	4.77	4.97	0.01
Aroclor-1016-4	(4)	4.99	4.99	4.89	5.09	0.00
Aroclor-1016-5	(5)	5.24	5.25	5.15	5.35	0.01
Aroclor-1260-1	(1)	6.28	6.29	6.19	6.39	0.01
Aroclor-1260-2	(2)	6.47	6.48	6.38	6.58	0.01
Aroclor-1260-3	(3)	6.84	6.85	6.75	6.95	0.01
Aroclor-1260-4	(4)	7.10	7.11	7.01	7.21	0.01
Aroclor-1260-5	(5)	7.34	7.35	7.25	7.45	0.01
Tetrachloro-m-xylene		3.70	3.70	3.60	3.80	0.01
Decachlorobiphenyl		8.75	8.76	8.66	8.86	0.01

Raw Data: **PO109805.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Continuing Calib Date: 03/11/2025 **Initial Calibration Date(s):** 02/20/2025 02/21/2025

Continuing Calib Time: 21:49 **Initial Calibration Time(s):** 16:46 01:02

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)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-2	(2)	4.80	4.80	4.70	4.90	0.00
Aroclor-1016-3	(3)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-4	(4)	5.01	5.01	4.91	5.11	0.00
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.01
Aroclor-1260-1	(1)	6.26	6.26	6.16	6.36	0.00
Aroclor-1260-2	(2)	6.45	6.45	6.35	6.55	0.00
Aroclor-1260-3	(3)	6.60	6.60	6.50	6.70	0.00
Aroclor-1260-4	(4)	7.07	7.07	6.97	7.17	0.00
Aroclor-1260-5	(5)	7.31	7.31	7.21	7.41	0.00
Tetrachloro-m-xylene		3.69	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.70	8.71	8.61	8.81	0.01

Raw Data: **PO109805.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/20/2025 02/20/2025

Client Sample No.: CCAL02 **Date Analyzed:** 03/11/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO109805.D **Time Analyzed:** 21:49

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.788	4.691	4.891	559.160	500.000	11.8
Aroclor-1016-2	4.807	4.711	4.911	567.120	500.000	13.4
Aroclor-1016-3	4.864	4.767	4.967	565.970	500.000	13.2
Aroclor-1016-4	4.985	4.888	5.088	565.040	500.000	13.0
Aroclor-1016-5	5.242	5.145	5.345	575.320	500.000	15.1
Aroclor-1260-1	6.283	6.188	6.388	541.470	500.000	8.3
Aroclor-1260-2	6.472	6.377	6.577	539.380	500.000	7.9
Aroclor-1260-3	6.841	6.746	6.946	520.370	500.000	4.1
Aroclor-1260-4	7.100	7.005	7.205	521.180	500.000	4.2
Aroclor-1260-5	7.342	7.247	7.447	522.570	500.000	4.5
Decachlorobiphenyl	8.749	8.657	8.857	43.800	50.000	-12.4
Tetrachloro-m-xylene	3.695	3.598	3.798	54.030	50.000	8.1

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/20/2025 02/20/2025

Client Sample No.: CCAL02 **Date Analyzed:** 03/11/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO109805.D **Time Analyzed:** 21:49

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.776	4.678	4.878	587.090	500.000	17.4
Aroclor-1016-2	4.795	4.697	4.897	593.020	500.000	18.6
Aroclor-1016-3	4.970	4.872	5.072	594.900	500.000	19.0
Aroclor-1016-4	5.012	4.914	5.114	550.860	500.000	10.2
Aroclor-1016-5	5.225	5.127	5.327	597.430	500.000	19.5
Aroclor-1260-1	6.258	6.161	6.361	553.490	500.000	10.7
Aroclor-1260-2	6.445	6.348	6.548	552.280	500.000	10.5
Aroclor-1260-3	6.598	6.502	6.702	545.990	500.000	9.2
Aroclor-1260-4	7.069	6.974	7.174	537.530	500.000	7.5
Aroclor-1260-5	7.310	7.214	7.414	542.490	500.000	8.5
Decachlorobiphenyl	8.702	8.607	8.807	44.310	50.000	-11.4
Tetrachloro-m-xylene	3.693	3.594	3.794	56.780	50.000	13.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO031125\
Data File : PO109805.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 21:49
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:45:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.695	3.693	511.4E6	297.2E6	54.028	56.784
2)	SA Decachlor...	8.749	8.702	376.8E6	141.1E6	43.799	44.311
	Target Compounds						
3)	L1 AR-1016-1	4.788	4.776	172.4E6	91685400	559.157	587.085
4)	L1 AR-1016-2	4.807	4.795	238.8E6	128.4E6	567.116	593.023
5)	L1 AR-1016-3	4.864	4.970	167.4E6	71061264	565.972	594.898
6)	L1 AR-1016-4	4.985	5.012	131.0E6	57328775	565.043	550.864
7)	L1 AR-1016-5	5.242	5.225	148.6E6	81402408	575.321	597.433
31)	L7 AR-1260-1	6.283	6.258	252.4E6	131.1E6	541.474	553.489
32)	L7 AR-1260-2	6.472	6.445	304.8E6	152.0E6	539.379	552.282
33)	L7 AR-1260-3	6.841	6.598	247.5E6	139.3E6	520.373	545.992
34)	L7 AR-1260-4	7.100	7.069	224.9E6	110.8E6	521.184	537.526
35)	L7 AR-1260-5	7.342	7.310	519.4E6	242.9E6	522.568	542.492

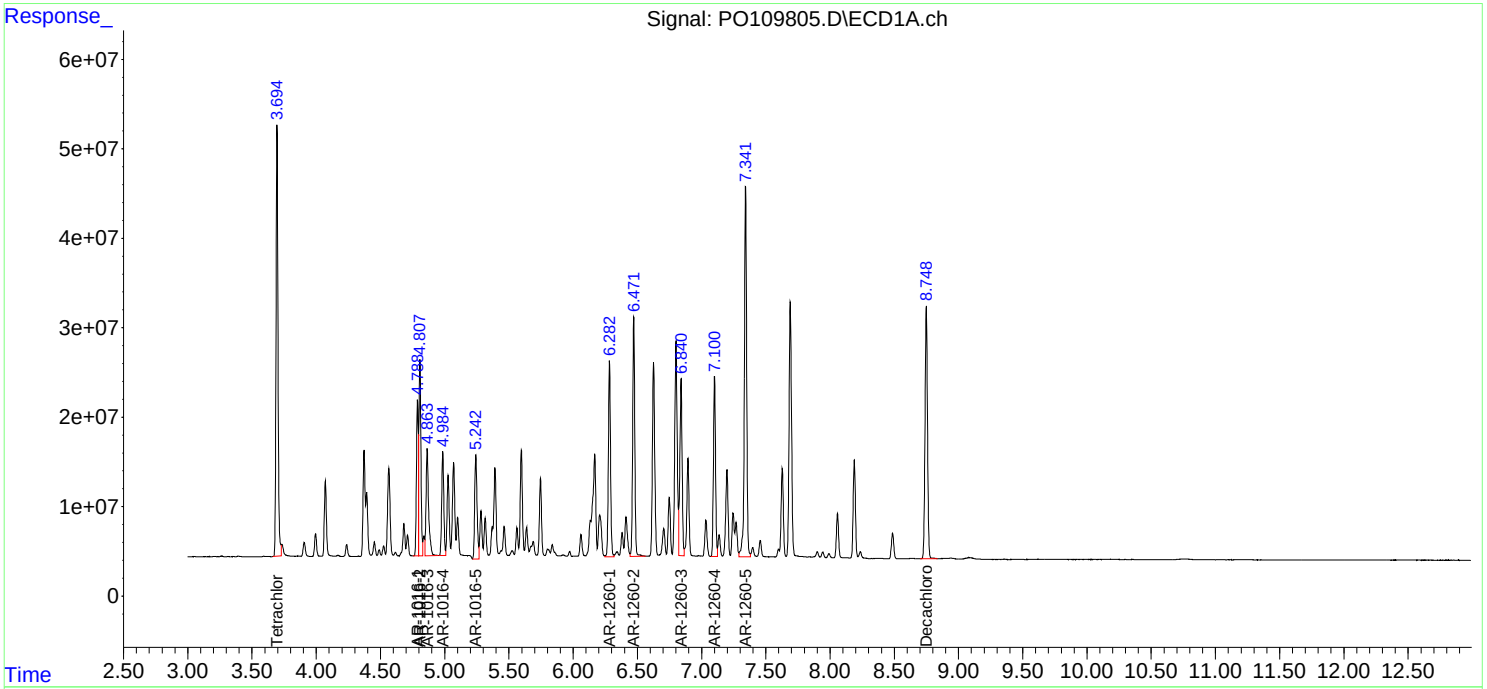
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

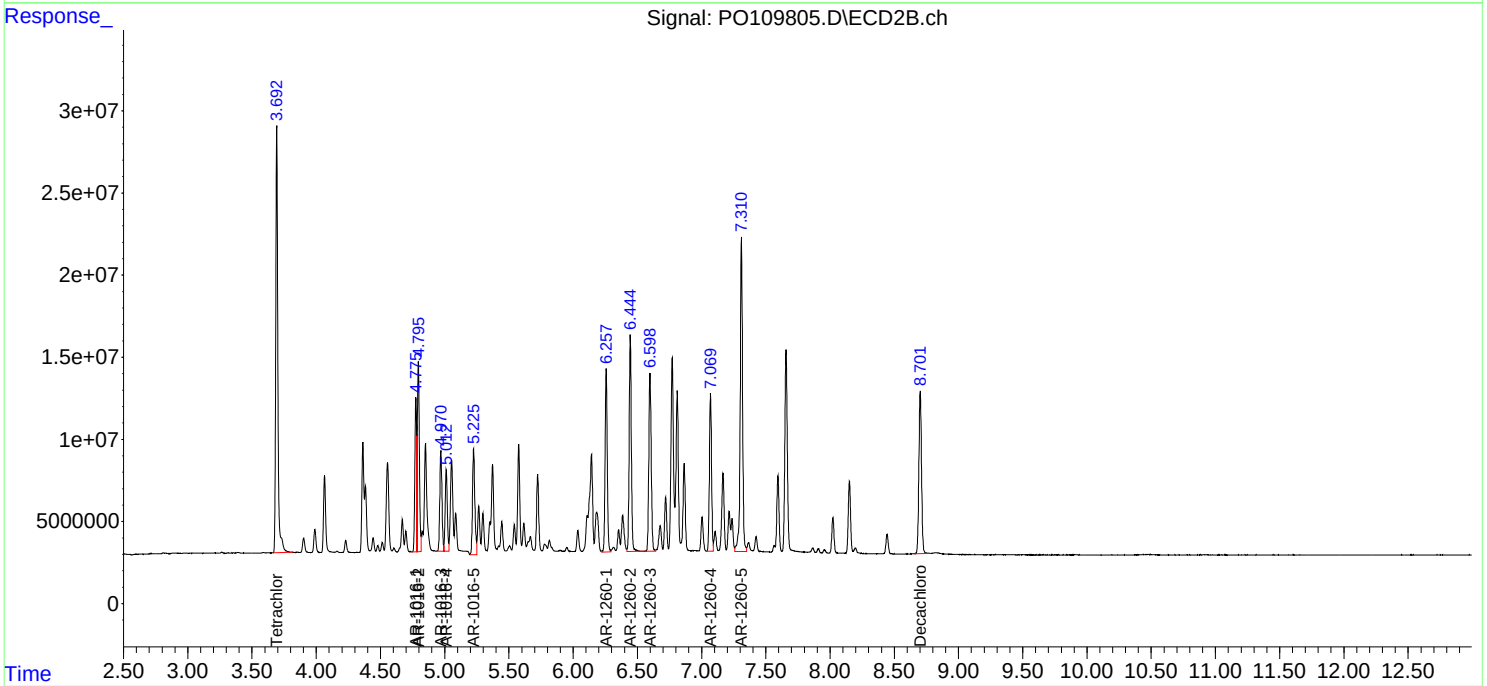
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO031125\
Data File : PO109805.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 21:49
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

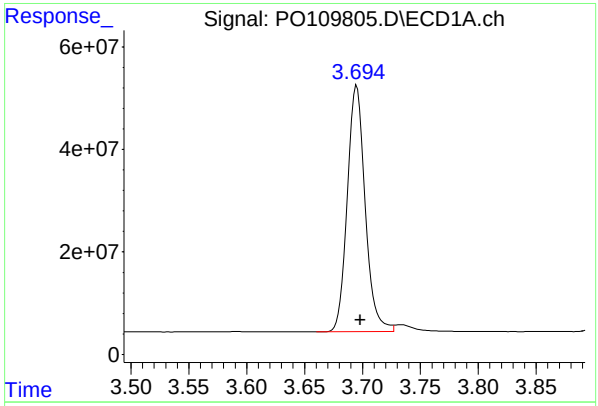
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:45:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



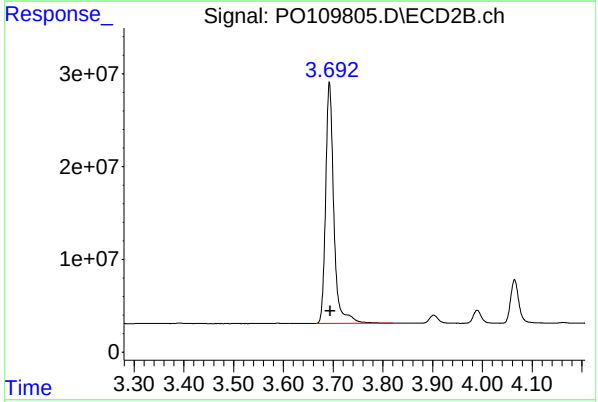




#1 Tetrachloro-m-xylene

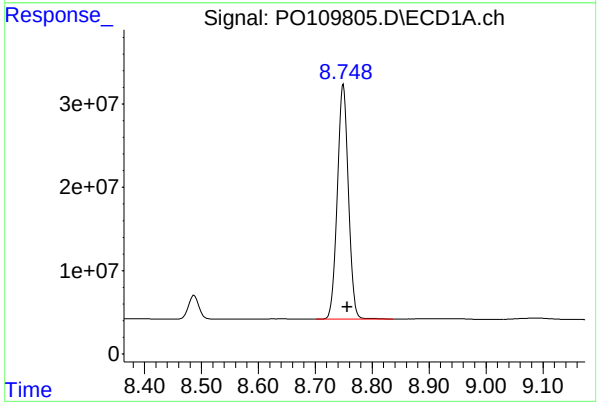
R.T.: 3.695 min
Delta R.T.: -0.003 min
Response: 511383185
Conc: 54.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



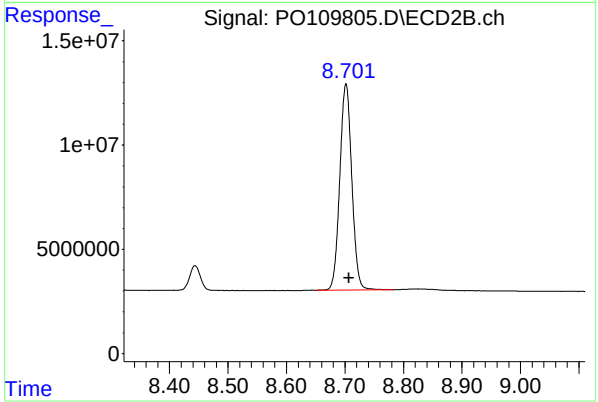
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: -0.001 min
Response: 297218371
Conc: 56.78 ng/ml



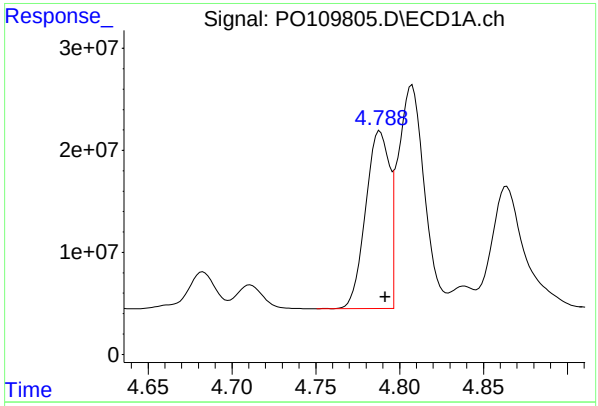
#2 Decachlorobiphenyl

R.T.: 8.749 min
Delta R.T.: -0.008 min
Response: 376752845
Conc: 43.80 ng/ml



#2 Decachlorobiphenyl

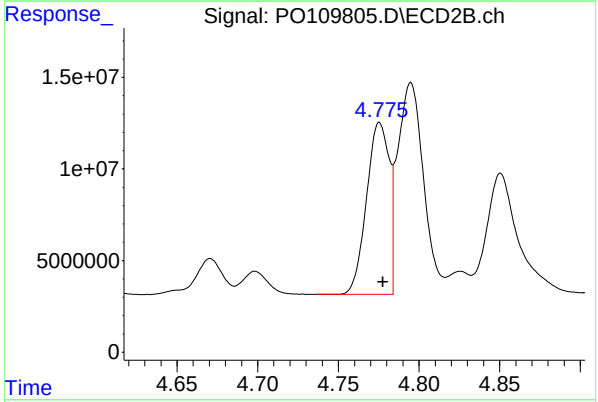
R.T.: 8.702 min
Delta R.T.: -0.005 min
Response: 141097180
Conc: 44.31 ng/ml



#3 AR-1016-1

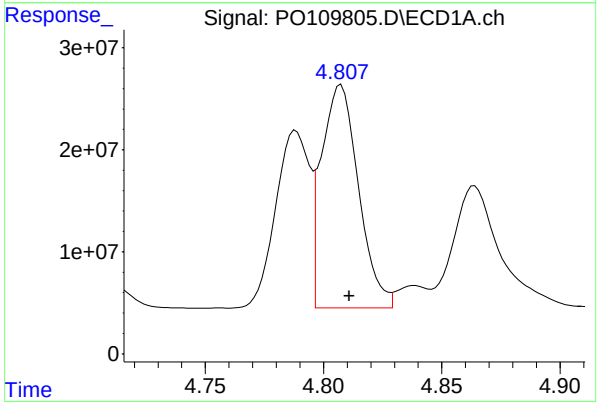
R.T.: 4.788 min
Delta R.T.: -0.003 min
Response: 172382626
Conc: 559.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



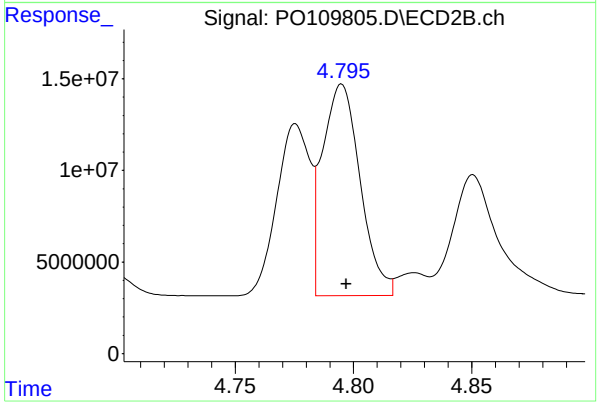
#3 AR-1016-1

R.T.: 4.776 min
Delta R.T.: -0.002 min
Response: 91685400
Conc: 587.09 ng/ml



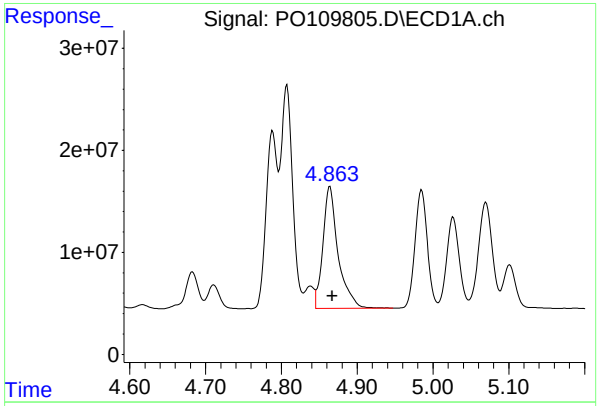
#4 AR-1016-2

R.T.: 4.807 min
Delta R.T.: -0.004 min
Response: 238771056
Conc: 567.12 ng/ml



#4 AR-1016-2

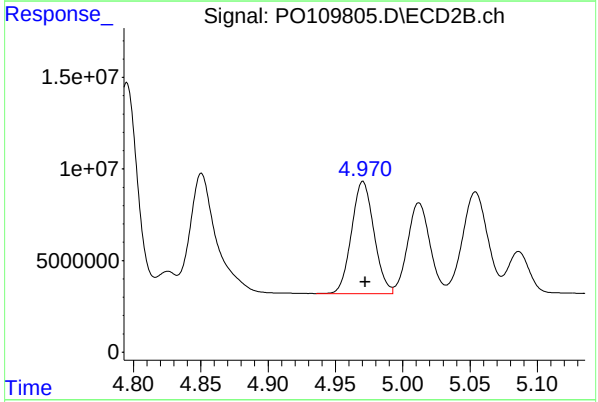
R.T.: 4.795 min
Delta R.T.: -0.002 min
Response: 128350166
Conc: 593.02 ng/ml



#5 AR-1016-3

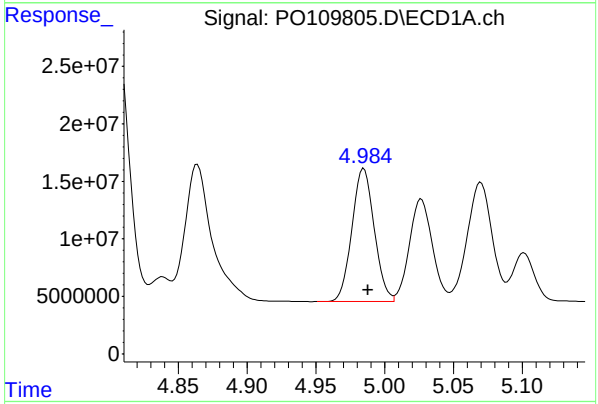
R.T.: 4.864 min
Delta R.T.: -0.004 min
Response: 167424012
Conc: 565.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



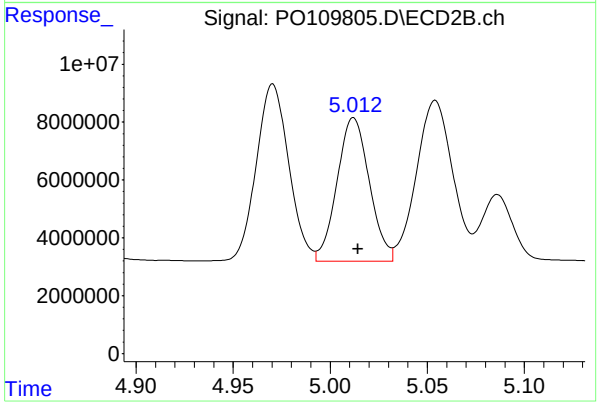
#5 AR-1016-3

R.T.: 4.970 min
Delta R.T.: -0.002 min
Response: 71061264
Conc: 594.90 ng/ml



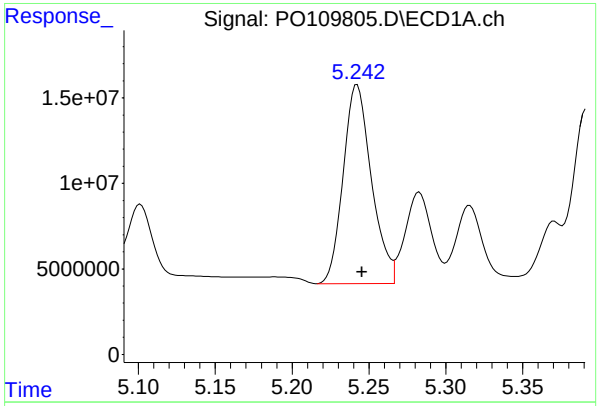
#6 AR-1016-4

R.T.: 4.985 min
Delta R.T.: -0.003 min
Response: 130965666
Conc: 565.04 ng/ml



#6 AR-1016-4

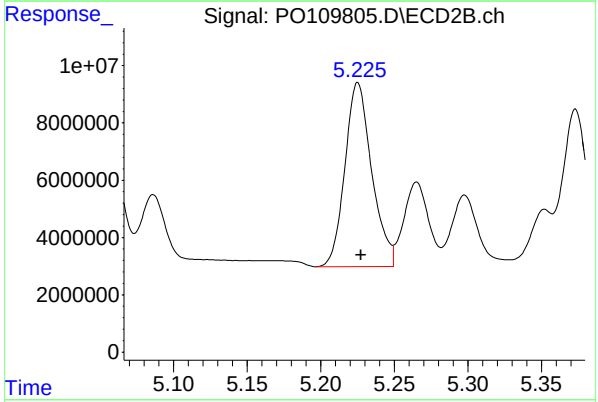
R.T.: 5.012 min
Delta R.T.: -0.002 min
Response: 57328775
Conc: 550.86 ng/ml



#7 AR-1016-5

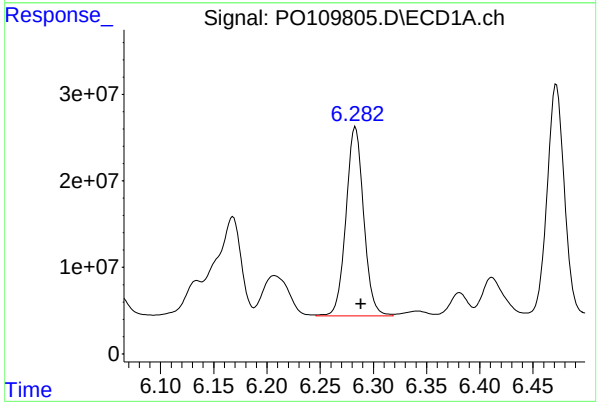
R.T.: 5.242 min
Delta R.T.: -0.003 min
Response: 148565048
Conc: 575.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



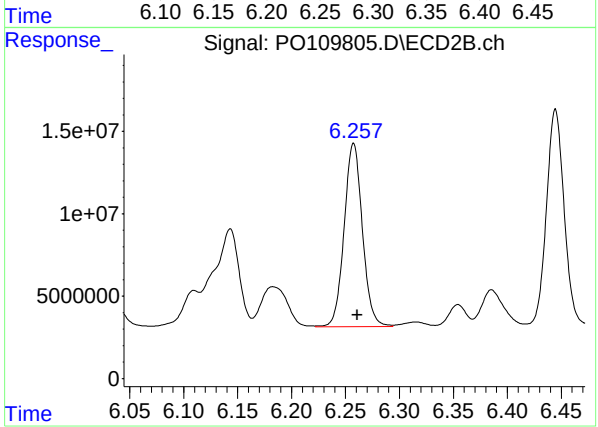
#7 AR-1016-5

R.T.: 5.225 min
Delta R.T.: -0.002 min
Response: 81402408
Conc: 597.43 ng/ml



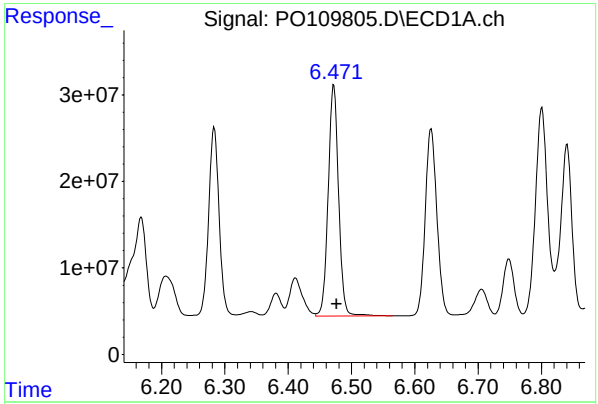
#31 AR-1260-1

R.T.: 6.283 min
Delta R.T.: -0.005 min
Response: 252397788
Conc: 541.47 ng/ml



#31 AR-1260-1

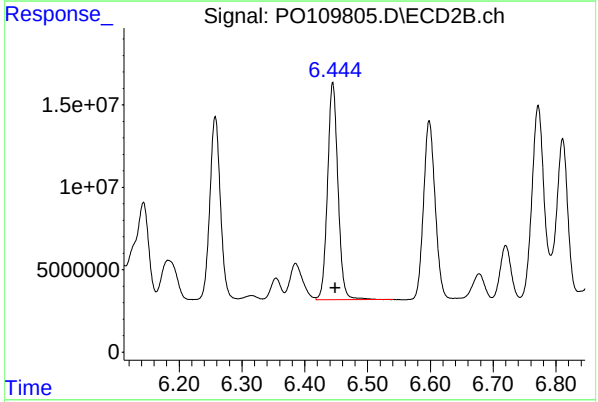
R.T.: 6.258 min
Delta R.T.: -0.003 min
Response: 131132478
Conc: 553.49 ng/ml



#32 AR-1260-2

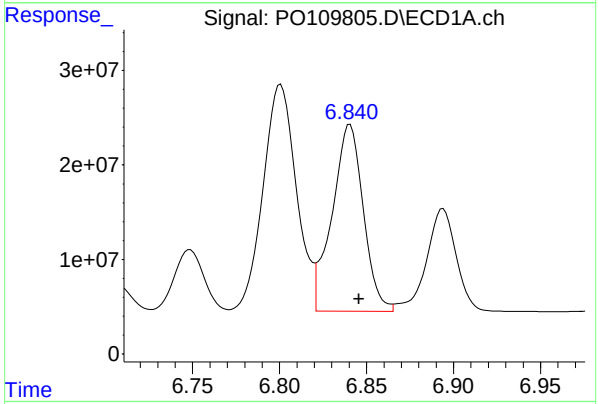
R.T.: 6.472 min
Delta R.T.: -0.005 min
Response: 304812826
Conc: 539.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



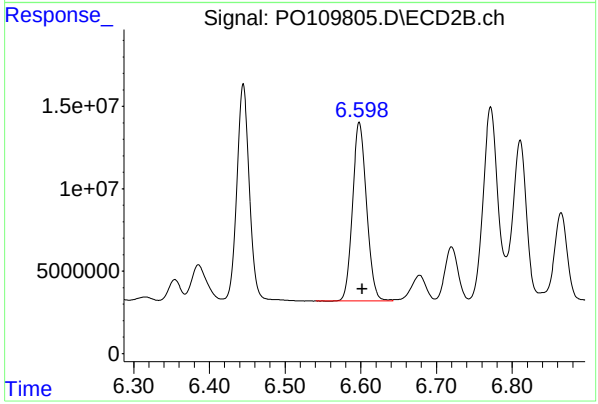
#32 AR-1260-2

R.T.: 6.445 min
Delta R.T.: -0.004 min
Response: 151972157
Conc: 552.28 ng/ml



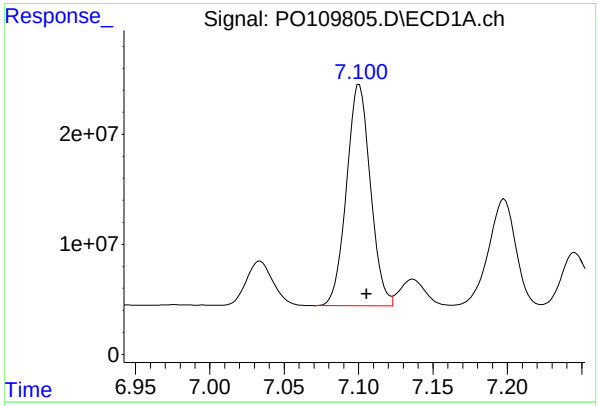
#33 AR-1260-3

R.T.: 6.841 min
Delta R.T.: -0.005 min
Response: 247521225
Conc: 520.37 ng/ml



#33 AR-1260-3

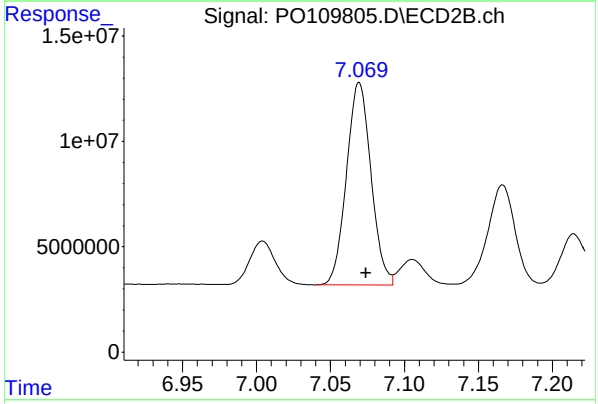
R.T.: 6.598 min
Delta R.T.: -0.004 min
Response: 139266295
Conc: 545.99 ng/ml



#34 AR-1260-4

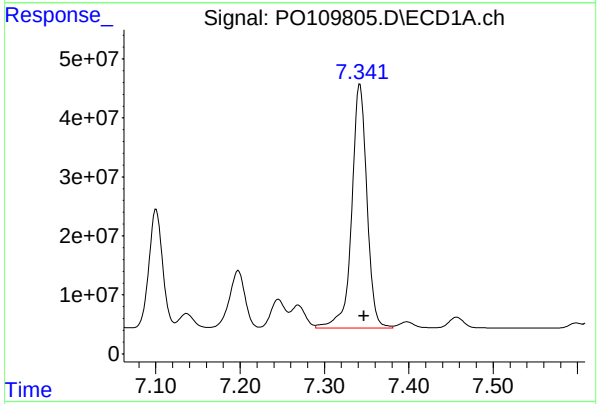
R.T.: 7.100 min
Delta R.T.: -0.005 min
Response: 224943804
Conc: 521.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



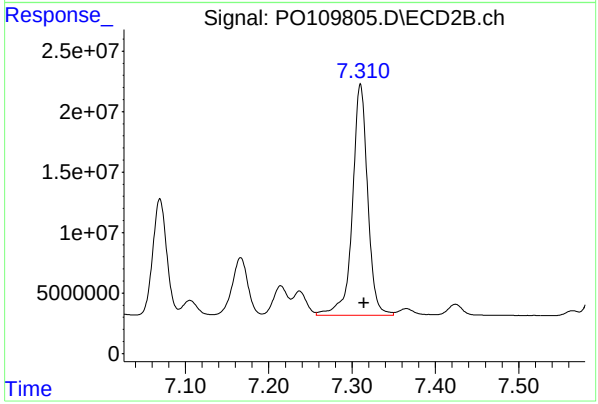
#34 AR-1260-4

R.T.: 7.069 min
Delta R.T.: -0.005 min
Response: 110833753
Conc: 537.53 ng/ml



#35 AR-1260-5

R.T.: 7.342 min
Delta R.T.: -0.005 min
Response: 519370878
Conc: 522.57 ng/ml



#35 AR-1260-5

R.T.: 7.310 min
Delta R.T.: -0.004 min
Response: 242918833
Conc: 542.49 ng/ml

Raw Data: **PP070457.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Continuing Calib Date: 03/12/2025 **Initial Calibration Date(s):** 03/11/2025 03/11/2025

Continuing Calib Time: 01:32 **Initial Calibration Time(s):** 15:13 23:38

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.68	5.68	5.58	5.78	0.00
Aroclor-1016-2	(2)	5.70	5.70	5.60	5.80	0.00
Aroclor-1016-3	(3)	5.76	5.76	5.66	5.86	0.00
Aroclor-1016-4	(4)	5.86	5.86	5.76	5.96	0.00
Aroclor-1016-5	(5)	6.15	6.15	6.05	6.25	0.00
Aroclor-1260-1	(1)	7.27	7.27	7.17	7.37	0.00
Aroclor-1260-2	(2)	7.52	7.53	7.43	7.63	0.01
Aroclor-1260-3	(3)	7.88	7.88	7.78	7.98	0.00
Aroclor-1260-4	(4)	8.11	8.11	8.01	8.21	0.01
Aroclor-1260-5	(5)	8.43	8.43	8.33	8.53	0.00
Tetrachloro-m-xylene		4.52	4.52	4.42	4.62	0.00
Decachlorobiphenyl		10.25	10.25	10.15	10.35	0.00

Raw Data: **PP070457.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Continuing Calib Date: 03/12/2025 **Initial Calibration Date(s):** 03/11/2025 03/11/2025

Continuing Calib Time: 01:32 **Initial Calibration Time(s):** 15:13 23:38

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.92	4.92	4.82	5.02	0.01
Aroclor-1016-2	(2)	4.93	4.94	4.84	5.04	0.01
Aroclor-1016-3	(3)	5.11	5.11	5.01	5.21	0.00
Aroclor-1016-4	(4)	5.15	5.15	5.05	5.25	0.00
Aroclor-1016-5	(5)	5.37	5.37	5.27	5.47	0.00
Aroclor-1260-1	(1)	6.40	6.41	6.31	6.51	0.01
Aroclor-1260-2	(2)	6.59	6.60	6.50	6.70	0.01
Aroclor-1260-3	(3)	6.75	6.75	6.65	6.85	0.00
Aroclor-1260-4	(4)	7.22	7.22	7.12	7.32	0.00
Aroclor-1260-5	(5)	7.46	7.46	7.36	7.56	0.00
Tetrachloro-m-xylene		3.83	3.83	3.73	3.93	0.00
Decachlorobiphenyl		8.88	8.88	8.78	8.98	0.00

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No.: CCAL03 **Date Analyzed:** 03/12/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP070457.D **Time Analyzed:** 01:32

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.675	5.577	5.777	518.190	500.000	3.6
Aroclor-1016-2	5.696	5.599	5.799	566.540	500.000	13.3
Aroclor-1016-3	5.759	5.661	5.861	541.040	500.000	8.2
Aroclor-1016-4	5.856	5.758	5.958	534.730	500.000	6.9
Aroclor-1016-5	6.149	6.051	6.251	507.000	500.000	1.4
Aroclor-1260-1	7.268	7.171	7.371	559.300	500.000	11.9
Aroclor-1260-2	7.522	7.425	7.625	542.450	500.000	8.5
Aroclor-1260-3	7.880	7.783	7.983	467.610	500.000	-6.5
Aroclor-1260-4	8.105	8.008	8.208	497.700	500.000	-0.5
Aroclor-1260-5	8.425	8.328	8.528	483.690	500.000	-3.3
Decachlorobiphenyl	10.246	10.152	10.352	51.270	50.000	2.5
Tetrachloro-m-xylene	4.522	4.424	4.624	50.940	50.000	1.9

Raw Data: **PP070457.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No.: CCAL03 **Date Analyzed:** 03/12/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP070457.D **Time Analyzed:** 01:32

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.915	4.817	5.017	531.400	500.000	6.3
Aroclor-1016-2	4.934	4.836	5.036	507.910	500.000	1.6
Aroclor-1016-3	5.111	5.013	5.213	525.510	500.000	5.1
Aroclor-1016-4	5.153	5.054	5.254	517.270	500.000	3.5
Aroclor-1016-5	5.367	5.270	5.470	496.660	500.000	-0.7
Aroclor-1260-1	6.404	6.307	6.507	535.990	500.000	7.2
Aroclor-1260-2	6.593	6.495	6.695	536.420	500.000	7.3
Aroclor-1260-3	6.746	6.649	6.849	533.150	500.000	6.6
Aroclor-1260-4	7.219	7.121	7.321	460.020	500.000	-8.0
Aroclor-1260-5	7.460	7.362	7.562	473.170	500.000	-5.4
Decachlorobiphenyl	8.878	8.781	8.981	51.940	50.000	3.9
Tetrachloro-m-xylene	3.827	3.729	3.929	50.500	50.000	1.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070457.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 01:32
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 02:48:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 12 02:42:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.522	3.827	79230826	50612723	50.940	50.498
2) SA	Decachlor...	10.246	8.878	54461309	50816826	51.265	51.941
	Target Compounds						
3) L1	AR-1016-1	5.675	4.915	26868996	19105164	518.194	531.400
4) L1	AR-1016-2	5.696	4.934	40532840	26394460	566.538	507.911
5) L1	AR-1016-3	5.759	5.111	24637965	14952596	541.043	525.512
6) L1	AR-1016-4	5.856	5.153	20874632	11581616	534.729	517.270
7) L1	AR-1016-5	6.149	5.367	17553504	14760133	507.004	496.658
31) L7	AR-1260-1	7.268	6.404	32852127	26683937	559.297	535.990
32) L7	AR-1260-2	7.522	6.593	44504358	35450867	542.452	536.423
33) L7	AR-1260-3	7.880	6.746	30749109	30494792	467.612	533.151
34) L7	AR-1260-4	8.105	7.219	32521155	23536410	497.701	460.023
35) L7	AR-1260-5	8.425	7.460	66109398	60937905	483.688	473.175

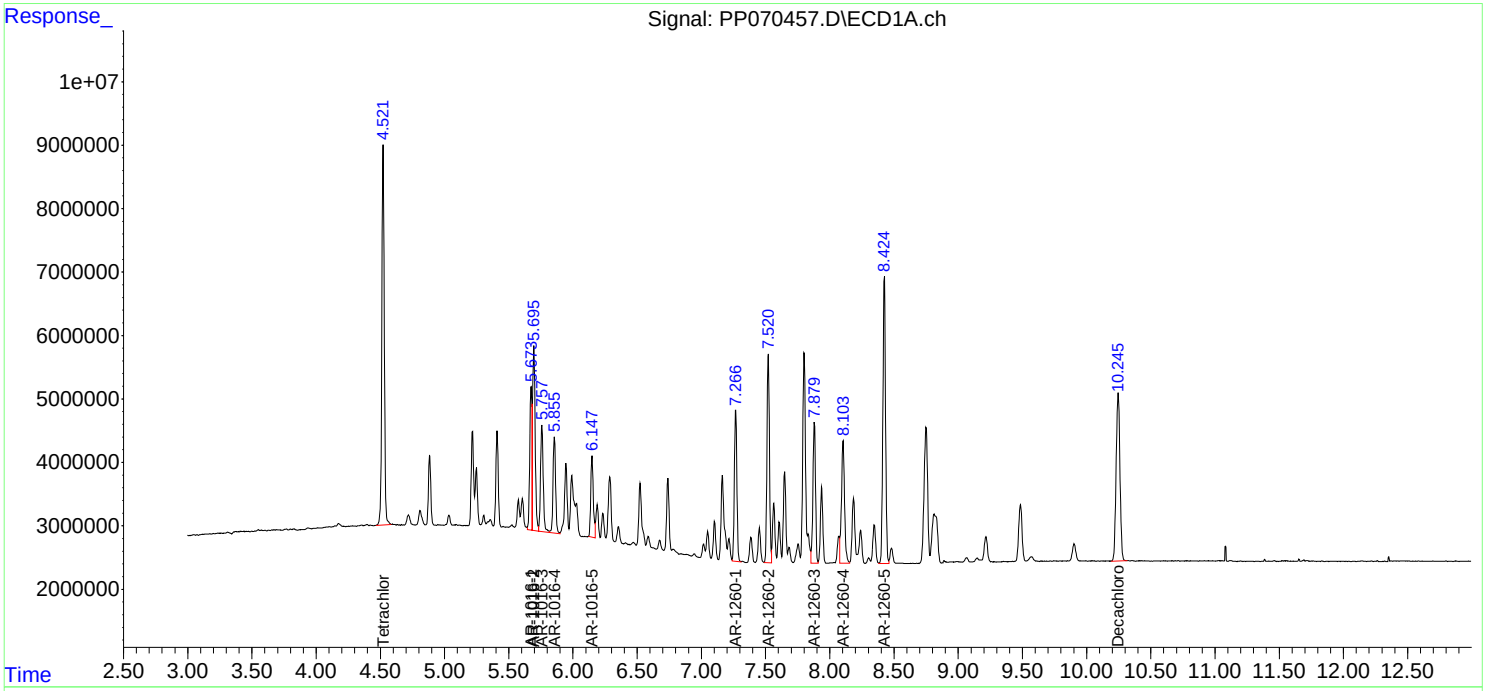
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

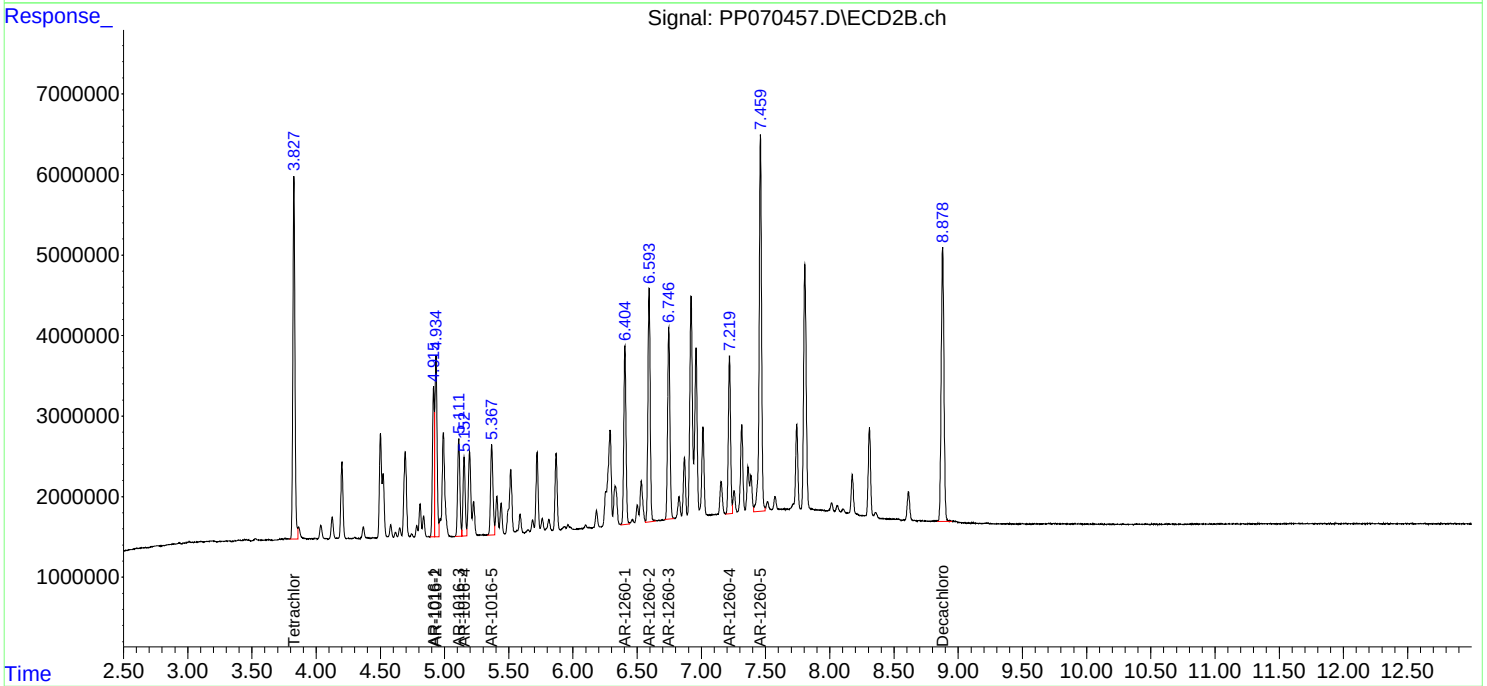
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070457.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 01:32
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 41 Sample Multiplier: 1

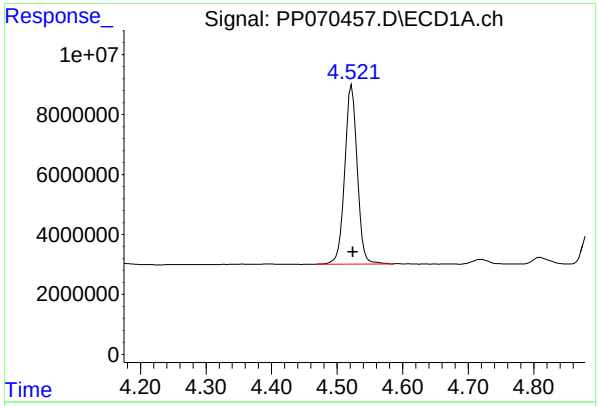
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 02:48:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 12 02:42:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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



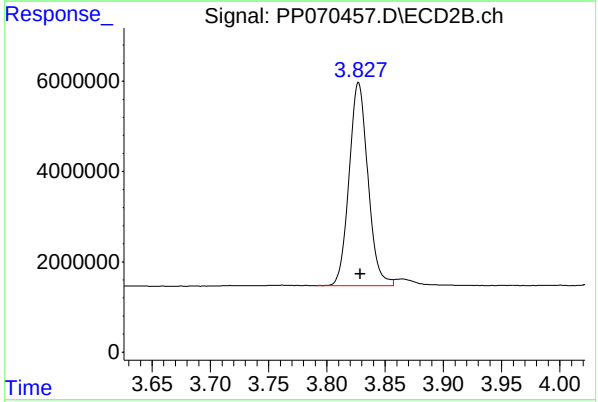




#1 Tetrachloro-m-xylene

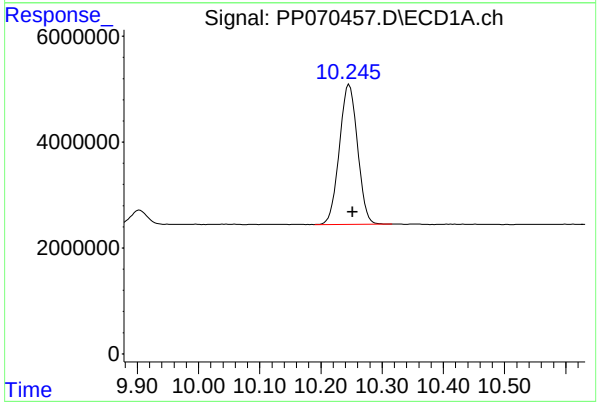
R.T.: 4.522 min
Delta R.T.: -0.002 min
Response: 79230826
Conc: 50.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



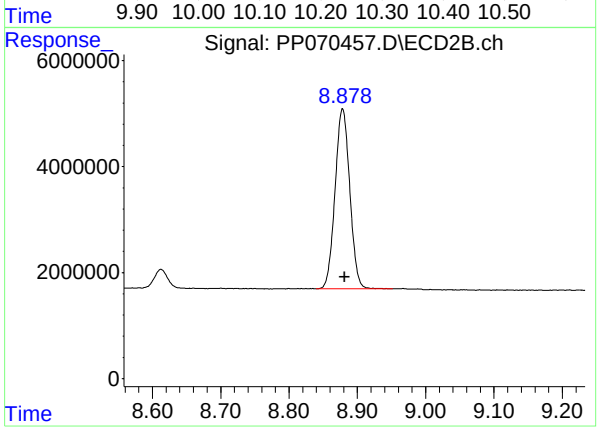
#1 Tetrachloro-m-xylene

R.T.: 3.827 min
Delta R.T.: -0.001 min
Response: 50612723
Conc: 50.50 ng/ml



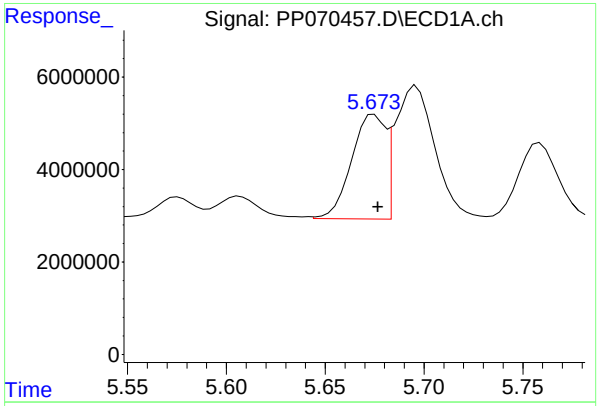
#2 Decachlorobiphenyl

R.T.: 10.246 min
Delta R.T.: -0.005 min
Response: 54461309
Conc: 51.27 ng/ml



#2 Decachlorobiphenyl

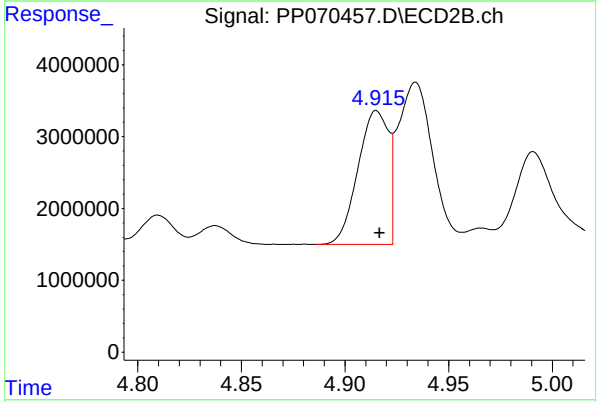
R.T.: 8.878 min
Delta R.T.: -0.003 min
Response: 50816826
Conc: 51.94 ng/ml



#3 AR-1016-1

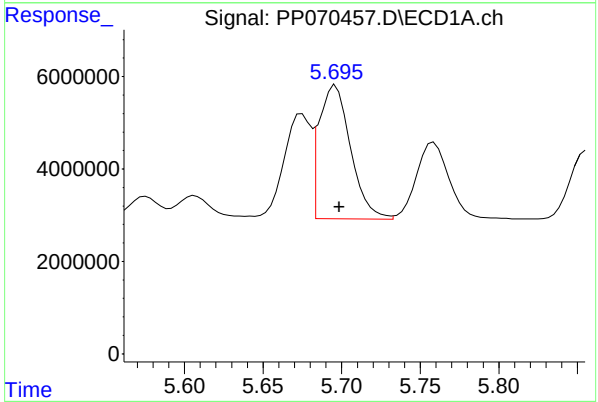
R.T.: 5.675 min
Delta R.T.: -0.002 min
Response: 26868996
Conc: 518.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



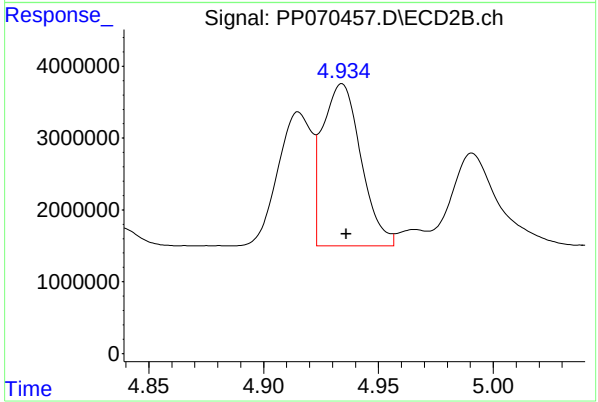
#3 AR-1016-1

R.T.: 4.915 min
Delta R.T.: -0.002 min
Response: 19105164
Conc: 531.40 ng/ml



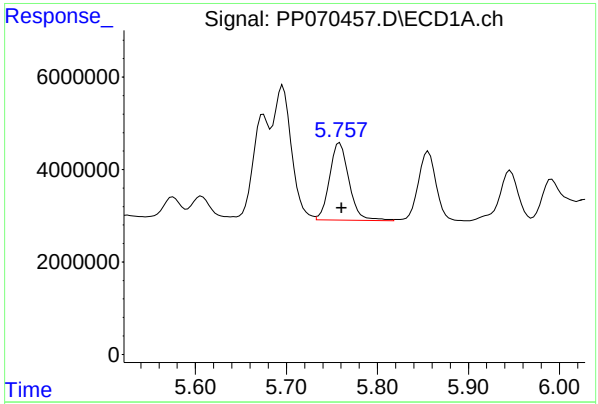
#4 AR-1016-2

R.T.: 5.696 min
Delta R.T.: -0.002 min
Response: 40532840
Conc: 566.54 ng/ml



#4 AR-1016-2

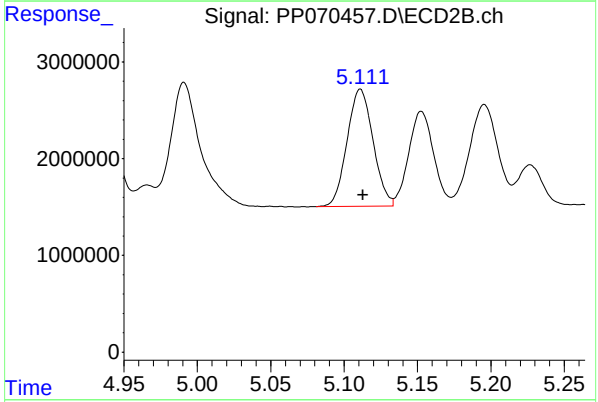
R.T.: 4.934 min
Delta R.T.: -0.002 min
Response: 26394460
Conc: 507.91 ng/ml



#5 AR-1016-3

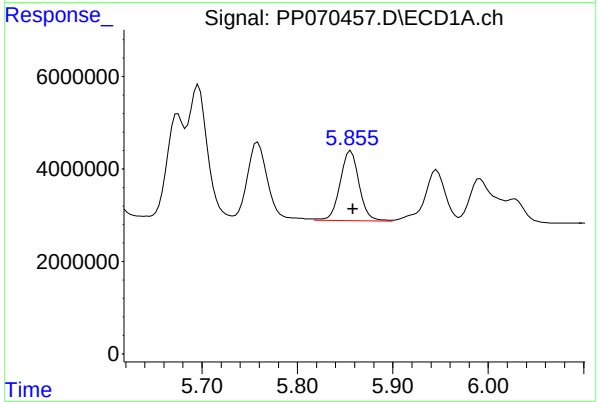
R.T.: 5.759 min
Delta R.T.: -0.002 min
Response: 24637965
Conc: 541.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



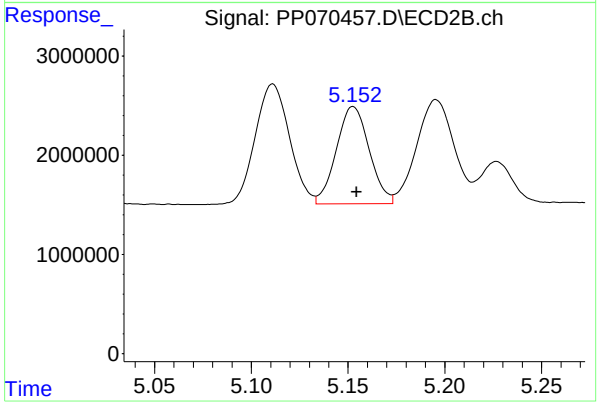
#5 AR-1016-3

R.T.: 5.111 min
Delta R.T.: -0.002 min
Response: 14952596
Conc: 525.51 ng/ml



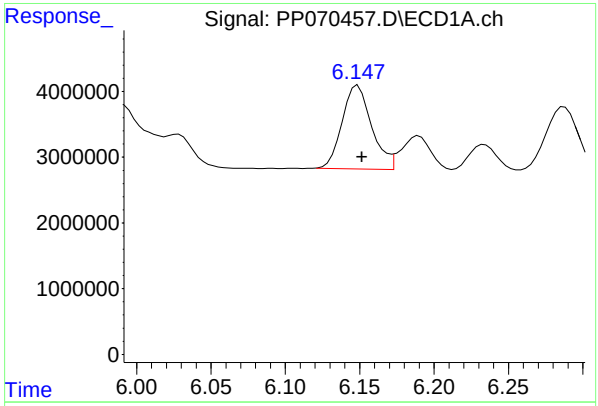
#6 AR-1016-4

R.T.: 5.856 min
Delta R.T.: -0.002 min
Response: 20874632
Conc: 534.73 ng/ml



#6 AR-1016-4

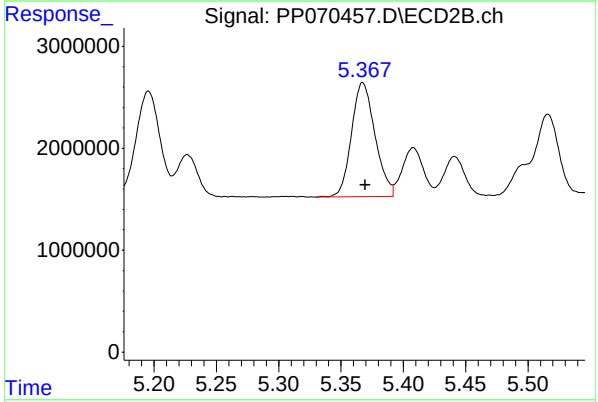
R.T.: 5.153 min
Delta R.T.: -0.002 min
Response: 11581616
Conc: 517.27 ng/ml



#7 AR-1016-5

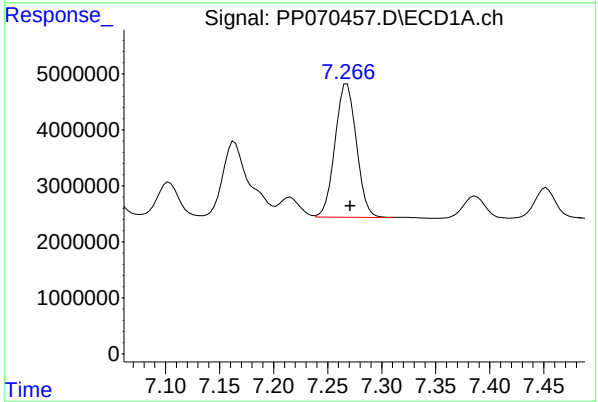
R.T.: 6.149 min
Delta R.T.: -0.003 min
Response: 17553504
Conc: 507.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



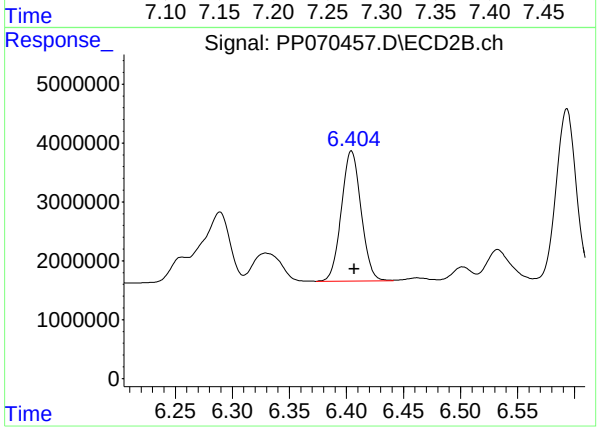
#7 AR-1016-5

R.T.: 5.367 min
Delta R.T.: -0.002 min
Response: 14760133
Conc: 496.66 ng/ml



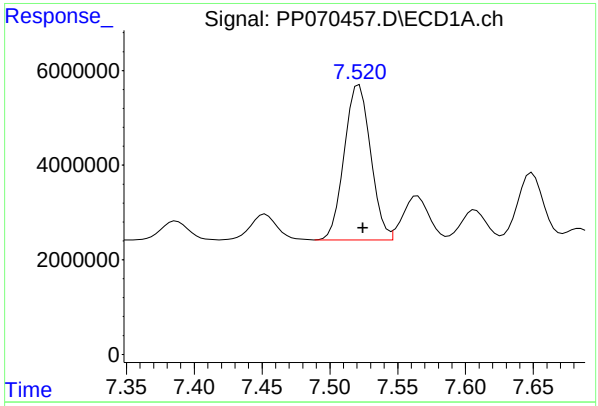
#31 AR-1260-1

R.T.: 7.268 min
Delta R.T.: -0.003 min
Response: 32852127
Conc: 559.30 ng/ml



#31 AR-1260-1

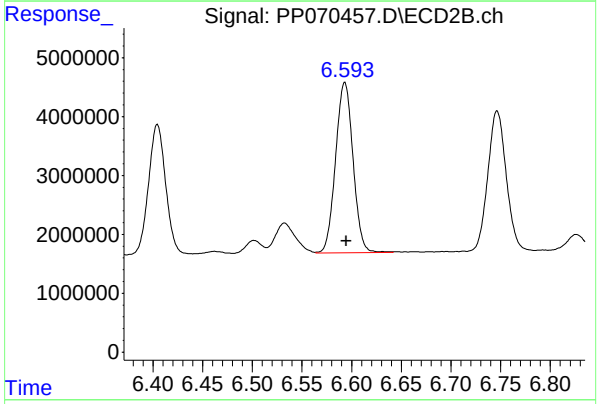
R.T.: 6.404 min
Delta R.T.: -0.002 min
Response: 26683937
Conc: 535.99 ng/ml



#32 AR-1260-2

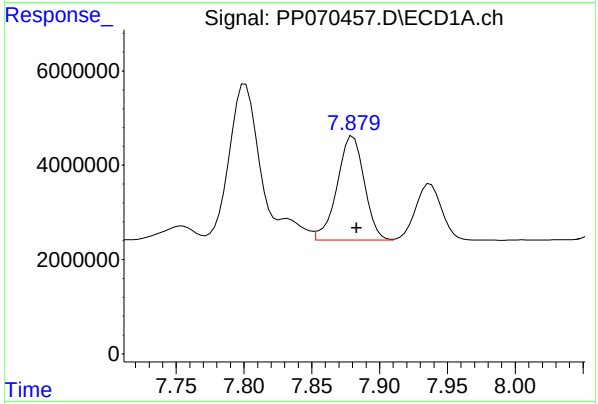
R.T.: 7.522 min
Delta R.T.: -0.003 min
Response: 44504358
Conc: 542.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



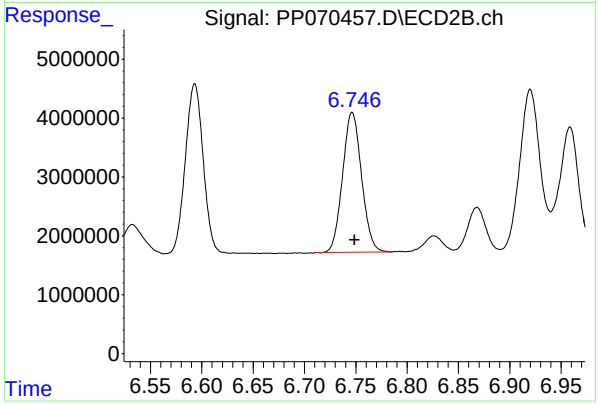
#32 AR-1260-2

R.T.: 6.593 min
Delta R.T.: -0.002 min
Response: 35450867
Conc: 536.42 ng/ml



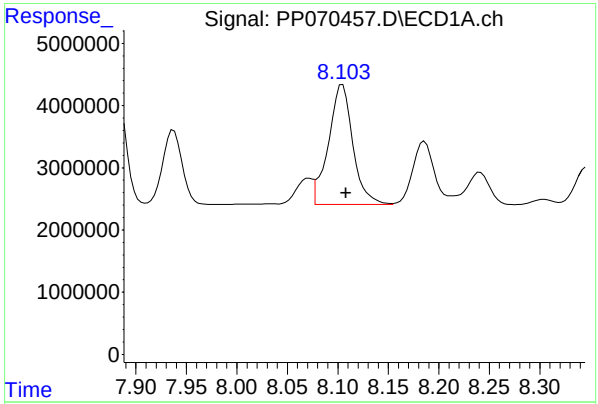
#33 AR-1260-3

R.T.: 7.880 min
Delta R.T.: -0.003 min
Response: 30749109
Conc: 467.61 ng/ml



#33 AR-1260-3

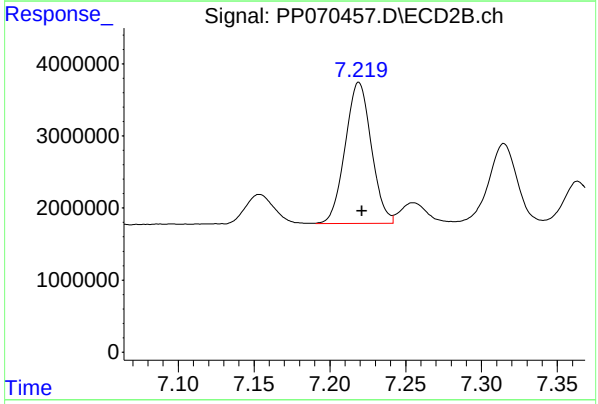
R.T.: 6.746 min
Delta R.T.: -0.003 min
Response: 30494792
Conc: 533.15 ng/ml



#34 AR-1260-4

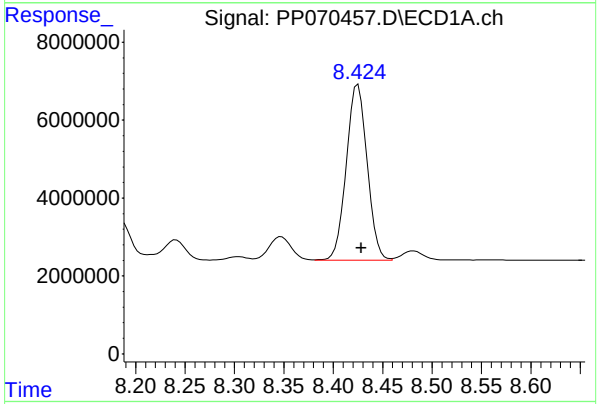
R.T.: 8.105 min
Delta R.T.: -0.003 min
Response: 32521155
Conc: 497.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



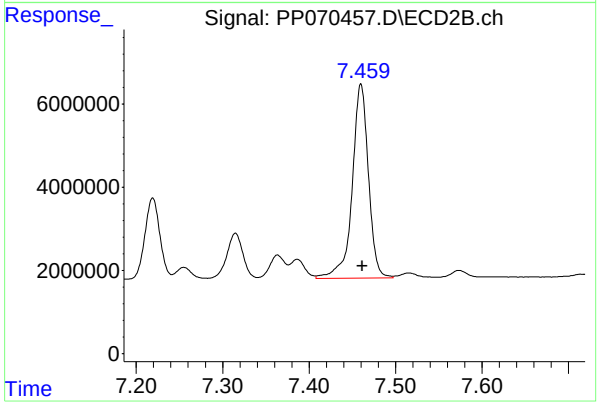
#34 AR-1260-4

R.T.: 7.219 min
Delta R.T.: -0.002 min
Response: 23536410
Conc: 460.02 ng/ml



#35 AR-1260-5

R.T.: 8.425 min
Delta R.T.: -0.003 min
Response: 66109398
Conc: 483.69 ng/ml



#35 AR-1260-5

R.T.: 7.460 min
Delta R.T.: -0.002 min
Response: 60937905
Conc: 473.17 ng/ml

Raw Data: **PP070458.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Continuing Calib Date: 03/12/2025 **Initial Calibration Date(s):** 03/11/2025 03/11/2025

Continuing Calib Time: 01:48 **Initial Calibration Time(s):** 15:13 23:38

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1232-1	(1)	4.89	4.89	4.79	4.99	0.00
Aroclor-1232-2	(2)	5.41	5.41	5.31	5.51	0.00
Aroclor-1232-3	(3)	5.70	5.70	5.60	5.80	0.00
Aroclor-1232-4	(4)	5.86	5.86	5.76	5.96	0.00
Aroclor-1232-5	(5)	5.95	5.95	5.85	6.05	0.00
Tetrachloro-m-xylene		4.52	4.53	4.43	4.63	0.01
Decachlorobiphenyl		10.25	10.25	10.15	10.35	0.00

Raw Data: **PP070458.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Continuing Calib Date: 03/12/2025 **Initial Calibration Date(s):** 03/11/2025 03/11/2025

Continuing Calib Time: 01:48 **Initial Calibration Time(s):** 15:13 23:38

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1232-1	(1)	4.20	4.20	4.10	4.30	0.00
Aroclor-1232-2	(2)	4.93	4.94	4.84	5.04	0.01
Aroclor-1232-3	(3)	5.11	5.11	5.01	5.21	0.00
Aroclor-1232-4	(4)	5.19	5.20	5.10	5.30	0.01
Aroclor-1232-5	(5)	5.37	5.37	5.27	5.47	0.00
Tetrachloro-m-xylene		3.83	3.83	3.73	3.93	0.00
Decachlorobiphenyl		8.88	8.88	8.78	8.98	0.00

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No.: CCAL04 **Date Analyzed:** 03/12/2025

Lab Sample No.: AR1232CCC500 **Data File :** PP070458.D **Time Analyzed:** 01:48

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1232-1	4.885	4.787	4.987	501.830	500.000	0.4
Aroclor-1232-2	5.410	5.312	5.512	503.570	500.000	0.7
Aroclor-1232-3	5.697	5.598	5.798	513.540	500.000	2.7
Aroclor-1232-4	5.857	5.759	5.959	497.360	500.000	-0.5
Aroclor-1232-5	5.947	5.849	6.049	543.790	500.000	8.8
Decachlorobiphenyl	10.246	10.152	10.352	52.890	50.000	5.8
Tetrachloro-m-xylene	4.523	4.425	4.625	52.160	50.000	4.3

Raw Data: **PP070458.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No.: CCAL04 **Date Analyzed:** 03/12/2025

Lab Sample No.: AR1232CCC500 **Data File :** PP070458.D **Time Analyzed:** 01:48

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1232-1	4.200	4.102	4.302	478.410	500.000	-4.3
Aroclor-1232-2	4.933	4.835	5.035	474.710	500.000	-5.1
Aroclor-1232-3	5.109	5.012	5.212	474.590	500.000	-5.1
Aroclor-1232-4	5.194	5.097	5.297	478.940	500.000	-4.2
Aroclor-1232-5	5.366	5.269	5.469	485.720	500.000	-2.9
Decachlorobiphenyl	8.876	8.780	8.980	53.210	50.000	6.4
Tetrachloro-m-xylene	3.826	3.728	3.928	49.880	50.000	-0.2

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070458.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 01:48
Operator : YP\AJ
Sample : AR1232CCC500
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1232CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 19 02:29:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 19 02:28:50 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...	4.523	3.826	81125206	49998171	52.158	49.884
2)	SA Decachlor...	10.246	8.876	56189997	52053879	52.893	53.205
	Target Compounds						
11)	L3 AR-1232-1	4.885	4.200	17843911	12586824	501.833	478.410
12)	L3 AR-1232-2	5.410	4.933	8494334	12253204	503.573	474.708
13)	L3 AR-1232-3	5.697	5.109	18780057	6648505	513.542	474.590
14)	L3 AR-1232-4	5.857	5.194	9447089	5609503	497.364	478.943
15)	L3 AR-1232-5	5.947	5.366	7048697	6347425	543.787	485.723

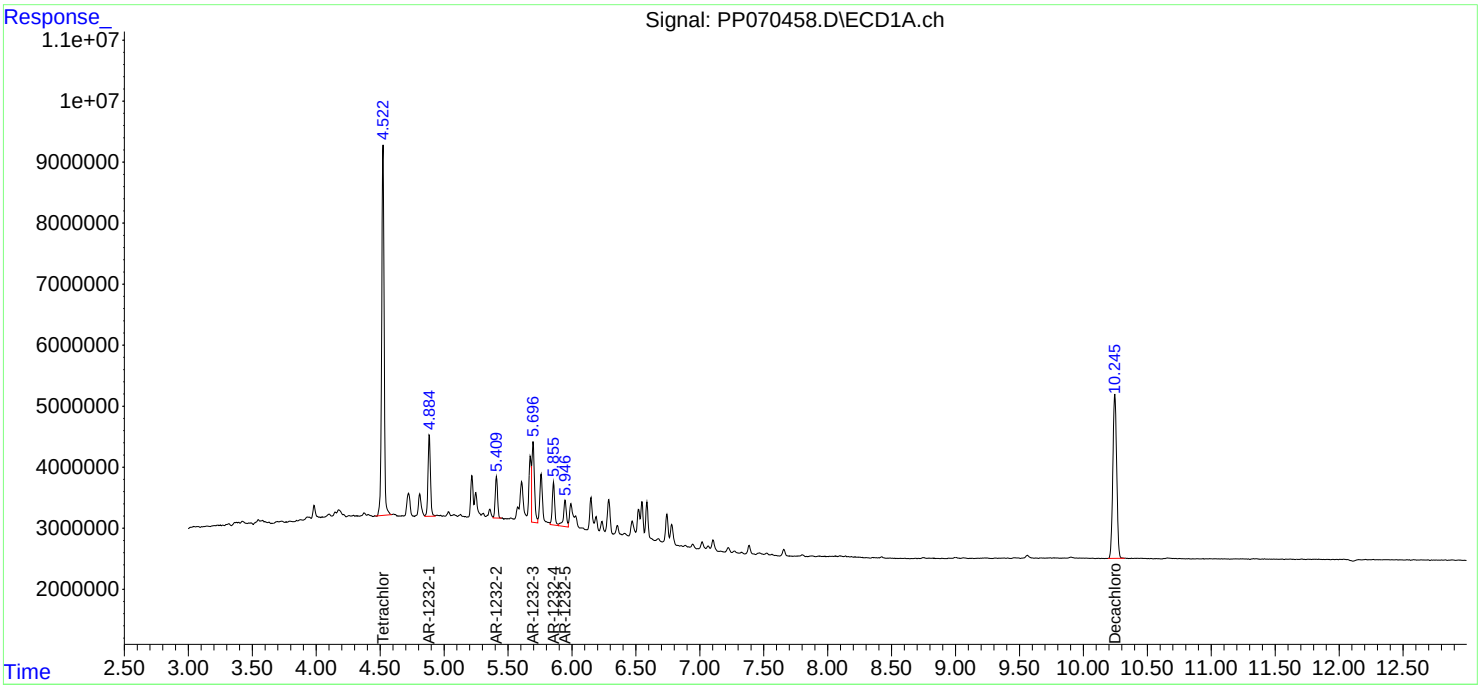
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

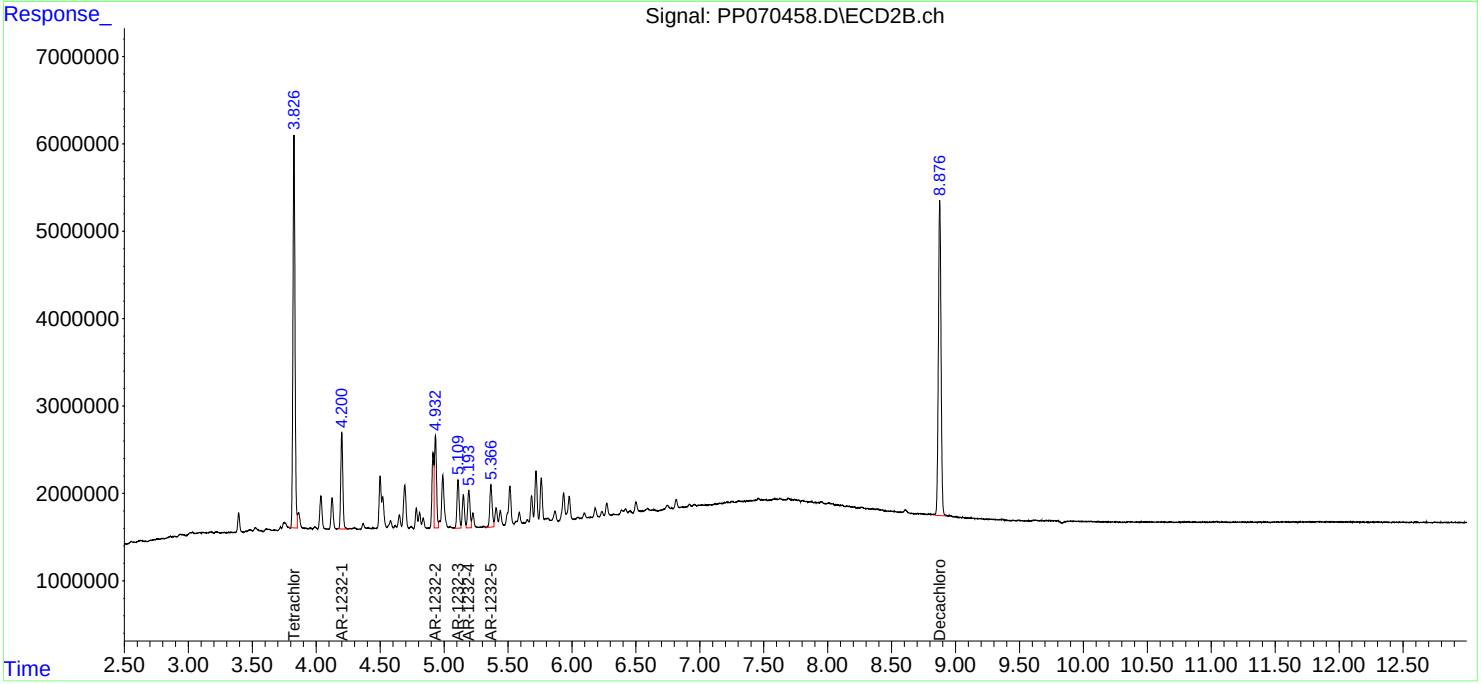
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070458.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 01:48
Operator : YP\AJ
Sample : AR1232CCC500
Misc :
ALS Vial : 42 Sample Multiplier: 1

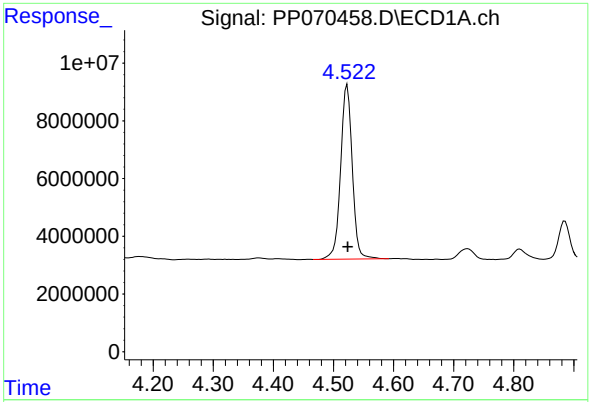
Instrument :
ECD_P
ClientSampleId :
AR1232CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 19 02:29:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 19 02:28:50 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



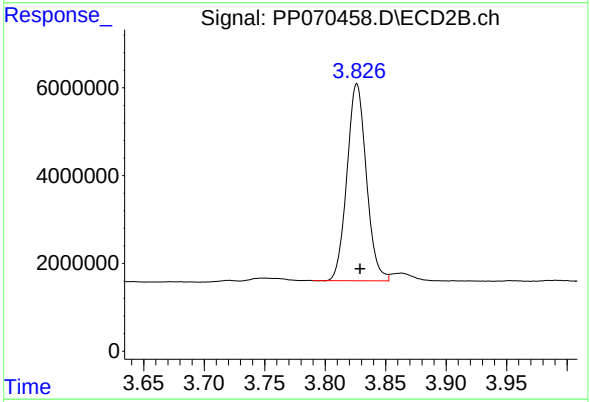




#1 Tetrachloro-m-xylene

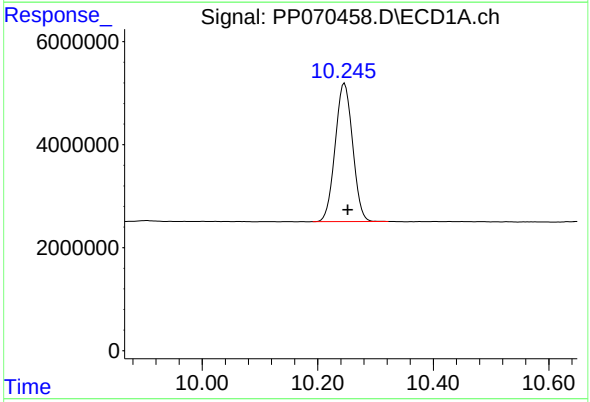
R.T.: 4.523 min
Delta R.T.: 0.000 min
Response: 81125206
Conc: 52.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232CCC500



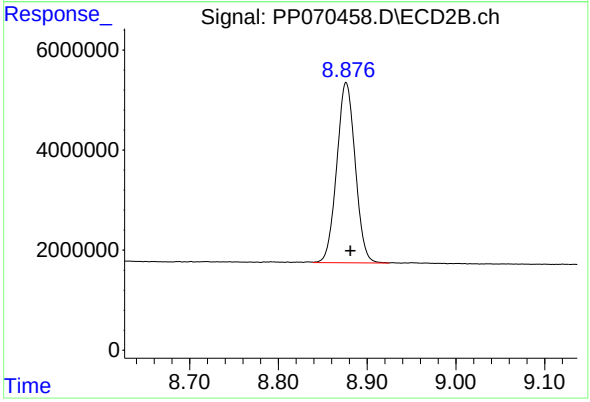
#1 Tetrachloro-m-xylene

R.T.: 3.826 min
Delta R.T.: -0.002 min
Response: 49998171
Conc: 49.88 ng/ml



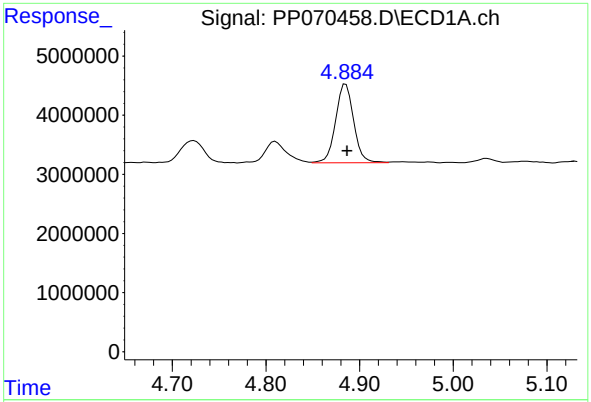
#2 Decachlorobiphenyl

R.T.: 10.246 min
Delta R.T.: -0.005 min
Response: 56189997
Conc: 52.89 ng/ml



#2 Decachlorobiphenyl

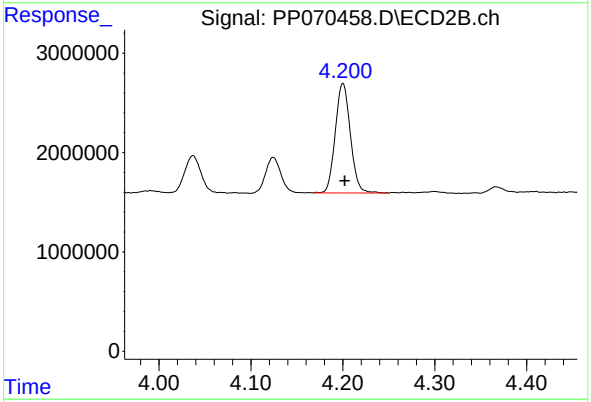
R.T.: 8.876 min
Delta R.T.: -0.005 min
Response: 52053879
Conc: 53.21 ng/ml



#11 AR-1232-1

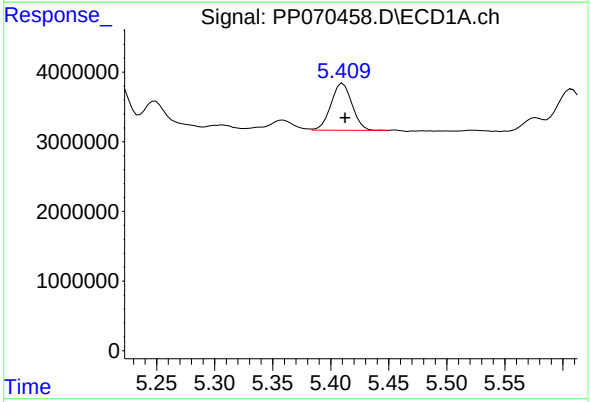
R.T.: 4.885 min
Delta R.T.: -0.001 min
Response: 17843911
Conc: 501.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232CCC500



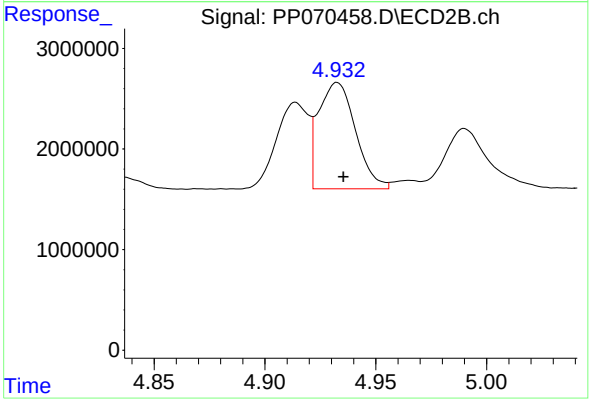
#11 AR-1232-1

R.T.: 4.200 min
Delta R.T.: -0.002 min
Response: 12586824
Conc: 478.41 ng/ml



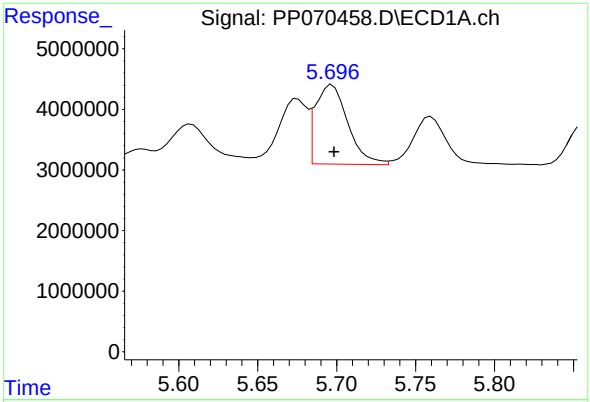
#12 AR-1232-2

R.T.: 5.410 min
Delta R.T.: -0.002 min
Response: 8494334
Conc: 503.57 ng/ml



#12 AR-1232-2

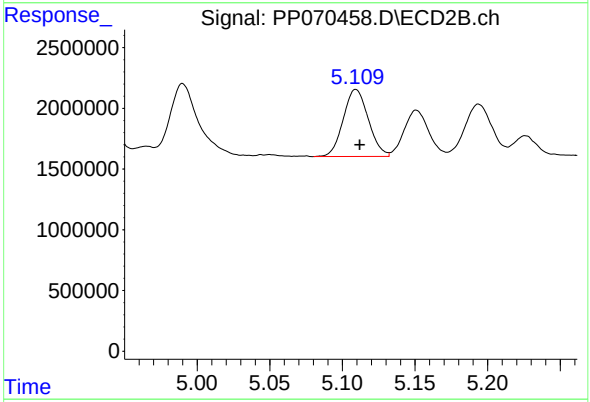
R.T.: 4.933 min
Delta R.T.: -0.003 min
Response: 12253204
Conc: 474.71 ng/ml



#13 AR-1232-3

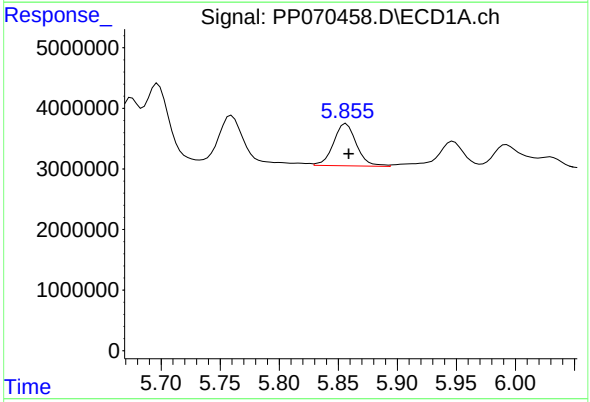
R.T.: 5.697 min
Delta R.T.: -0.001 min
Response: 18780057
Conc: 513.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232CCC500



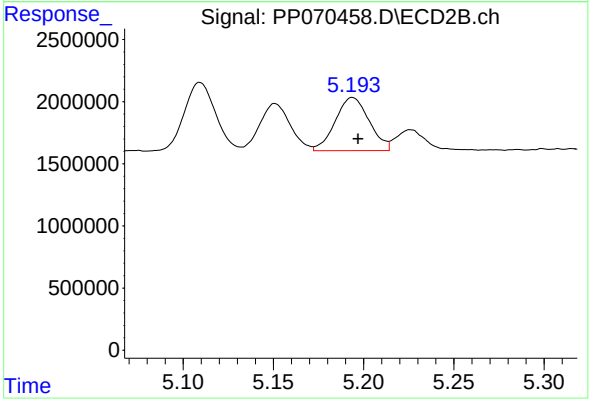
#13 AR-1232-3

R.T.: 5.109 min
Delta R.T.: -0.003 min
Response: 6648505
Conc: 474.59 ng/ml



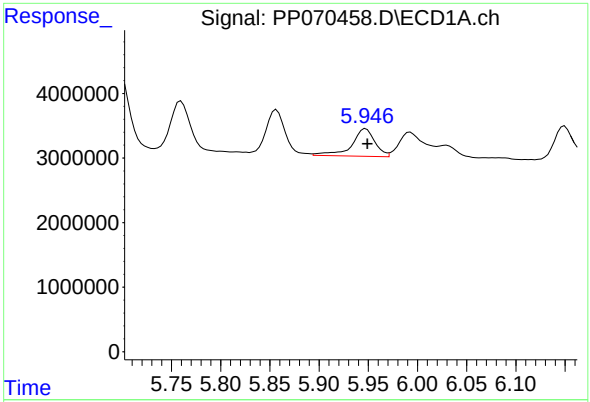
#14 AR-1232-4

R.T.: 5.857 min
Delta R.T.: -0.002 min
Response: 9447089
Conc: 497.36 ng/ml



#14 AR-1232-4

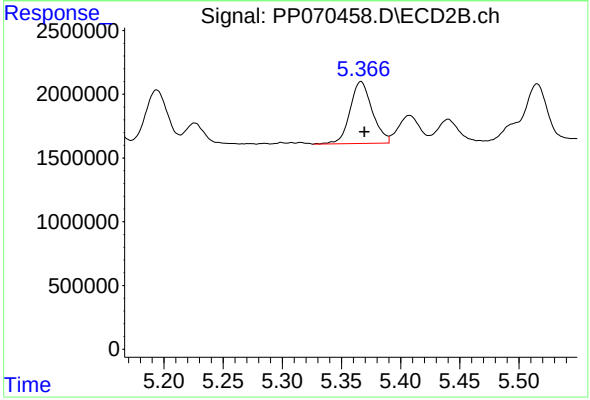
R.T.: 5.194 min
Delta R.T.: -0.003 min
Response: 5609503
Conc: 478.94 ng/ml



#15 AR-1232-5

R.T.: 5.947 min
Delta R.T.: -0.002 min
Response: 7048697
Conc: 543.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232CCC500



#15 AR-1232-5

R.T.: 5.366 min
Delta R.T.: -0.003 min
Response: 6347425
Conc: 485.72 ng/ml

Raw Data: **PP070463.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Continuing Calib Date: 03/12/2025 **Initial Calibration Date(s):** 03/11/2025 03/11/2025

Continuing Calib Time: 03:09 **Initial Calibration Time(s):** 15:13 23:38

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.68	5.68	5.58	5.78	0.00
Aroclor-1016-2	(2)	5.70	5.70	5.60	5.80	0.00
Aroclor-1016-3	(3)	5.76	5.76	5.66	5.86	0.00
Aroclor-1016-4	(4)	5.86	5.86	5.76	5.96	0.00
Aroclor-1016-5	(5)	6.15	6.15	6.05	6.25	0.00
Aroclor-1260-1	(1)	7.27	7.27	7.17	7.37	0.00
Aroclor-1260-2	(2)	7.52	7.53	7.43	7.63	0.01
Aroclor-1260-3	(3)	7.88	7.88	7.78	7.98	0.00
Aroclor-1260-4	(4)	8.11	8.11	8.01	8.21	0.00
Aroclor-1260-5	(5)	8.43	8.43	8.33	8.53	0.00
Tetrachloro-m-xylene		4.52	4.52	4.42	4.62	0.00
Decachlorobiphenyl		10.25	10.25	10.15	10.35	0.00

Raw Data: **PP070463.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Continuing Calib Date: 03/12/2025 **Initial Calibration Date(s):** 03/11/2025 03/11/2025

Continuing Calib Time: 03:09 **Initial Calibration Time(s):** 15:13 23:38

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-2	(2)	4.93	4.94	4.84	5.04	0.01
Aroclor-1016-3	(3)	5.11	5.11	5.01	5.21	0.00
Aroclor-1016-4	(4)	5.15	5.15	5.05	5.25	0.00
Aroclor-1016-5	(5)	5.37	5.37	5.27	5.47	0.00
Aroclor-1260-1	(1)	6.40	6.41	6.31	6.51	0.01
Aroclor-1260-2	(2)	6.59	6.60	6.50	6.70	0.01
Aroclor-1260-3	(3)	6.75	6.75	6.65	6.85	0.01
Aroclor-1260-4	(4)	7.22	7.22	7.12	7.32	0.00
Aroclor-1260-5	(5)	7.46	7.46	7.36	7.56	0.00
Tetrachloro-m-xylene		3.83	3.83	3.73	3.93	0.00
Decachlorobiphenyl		8.88	8.88	8.78	8.98	0.00

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

CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No.: CCAL05 **Date Analyzed:** 03/12/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP070463.D **Time Analyzed:** 03:09

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.676	5.577	5.777	519.830	500.000	4.0
Aroclor-1016-2	5.697	5.599	5.799	558.110	500.000	11.6
Aroclor-1016-3	5.760	5.661	5.861	530.610	500.000	6.1
Aroclor-1016-4	5.858	5.758	5.958	514.200	500.000	2.8
Aroclor-1016-5	6.150	6.051	6.251	502.800	500.000	0.6
Aroclor-1260-1	7.269	7.171	7.371	568.550	500.000	13.7
Aroclor-1260-2	7.523	7.425	7.625	549.970	500.000	10.0
Aroclor-1260-3	7.882	7.783	7.983	471.590	500.000	-5.7
Aroclor-1260-4	8.106	8.008	8.208	497.660	500.000	-0.5
Aroclor-1260-5	8.426	8.328	8.528	482.600	500.000	-3.5
Decachlorobiphenyl	10.248	10.152	10.352	51.070	50.000	2.1
Tetrachloro-m-xylene	4.524	4.424	4.624	50.640	50.000	1.3

Raw Data: **PP070463.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No.: CCAL05 **Date Analyzed:** 03/12/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP070463.D **Time Analyzed:** 03:09

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.914	4.817	5.017	514.740	500.000	2.9
Aroclor-1016-2	4.932	4.836	5.036	504.210	500.000	0.8
Aroclor-1016-3	5.110	5.013	5.213	512.470	500.000	2.5
Aroclor-1016-4	5.151	5.054	5.254	497.330	500.000	-0.5
Aroclor-1016-5	5.367	5.270	5.470	532.690	500.000	6.5
Aroclor-1260-1	6.403	6.307	6.507	536.950	500.000	7.4
Aroclor-1260-2	6.591	6.495	6.695	528.700	500.000	5.7
Aroclor-1260-3	6.745	6.649	6.849	527.880	500.000	5.6
Aroclor-1260-4	7.217	7.121	7.321	456.310	500.000	-8.7
Aroclor-1260-5	7.458	7.362	7.562	477.980	500.000	-4.4
Decachlorobiphenyl	8.877	8.781	8.981	52.220	50.000	4.4
Tetrachloro-m-xylene	3.826	3.729	3.929	49.790	50.000	-0.4

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070463.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 03:09
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 03:43:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 12 02:42:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.524	3.826	78759092	49905082	50.636	49.792
2)	SA Decachlor...	10.248	8.877	54256260	51088924	51.072	52.219
	Target Compounds						
3)	L1 AR-1016-1	5.676	4.914	26954052	18506271	519.835	514.742
4)	L1 AR-1016-2	5.697	4.932	39929998	26202126	558.112	504.210
5)	L1 AR-1016-3	5.760	5.110	24162868	14581460	530.610	512.468
6)	L1 AR-1016-4	5.858	5.151	20073289	11135091	514.202	497.326
7)	L1 AR-1016-5	6.150	5.367	17407844	15830883	502.797	532.688
31)	L7 AR-1260-1	7.269	6.403	33395700	26731776	568.552	536.951
32)	L7 AR-1260-2	7.523	6.591	45121441	34940483	549.973	528.700
33)	L7 AR-1260-3	7.882	6.745	31010488	30193445	471.587	527.882
34)	L7 AR-1260-4	8.106	7.217	32518707	23346249	497.663	456.307
35)	L7 AR-1260-5	8.426	7.458	65960547	61557086	482.599	477.982

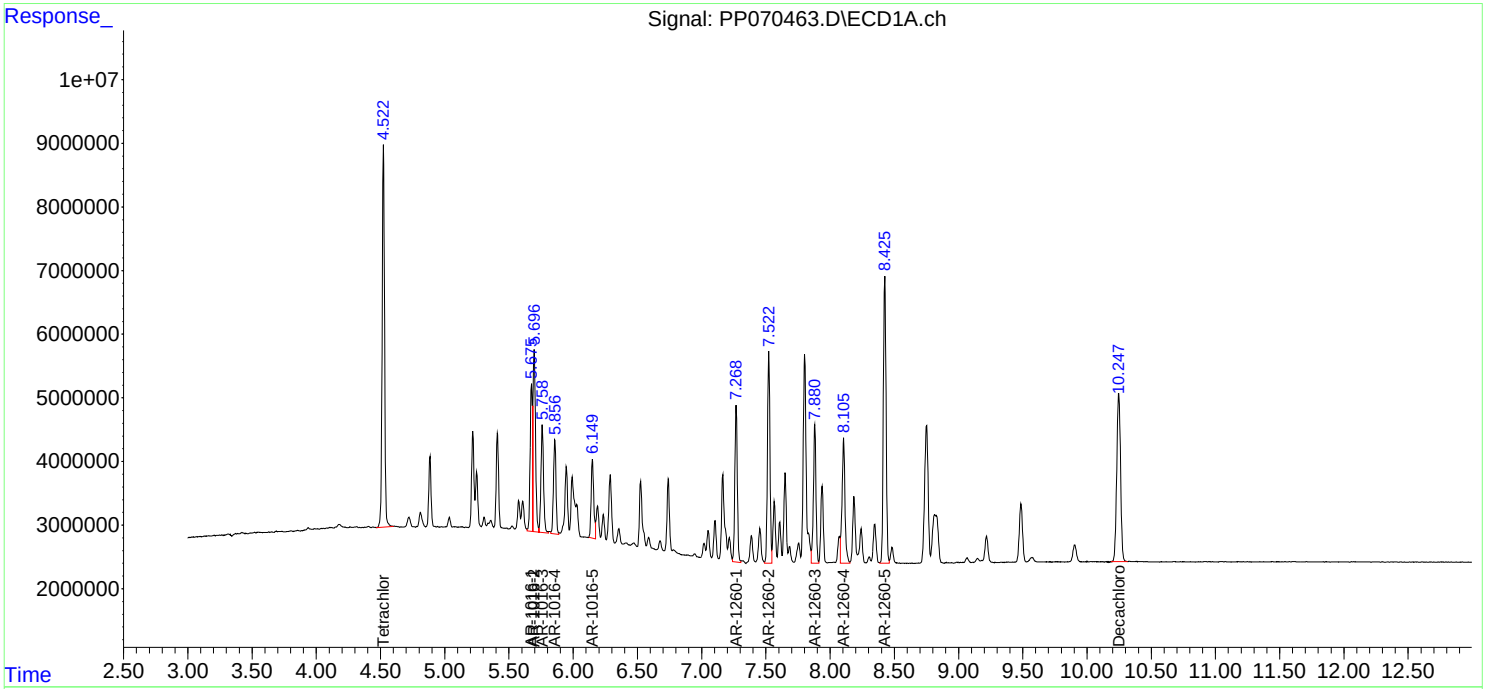
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

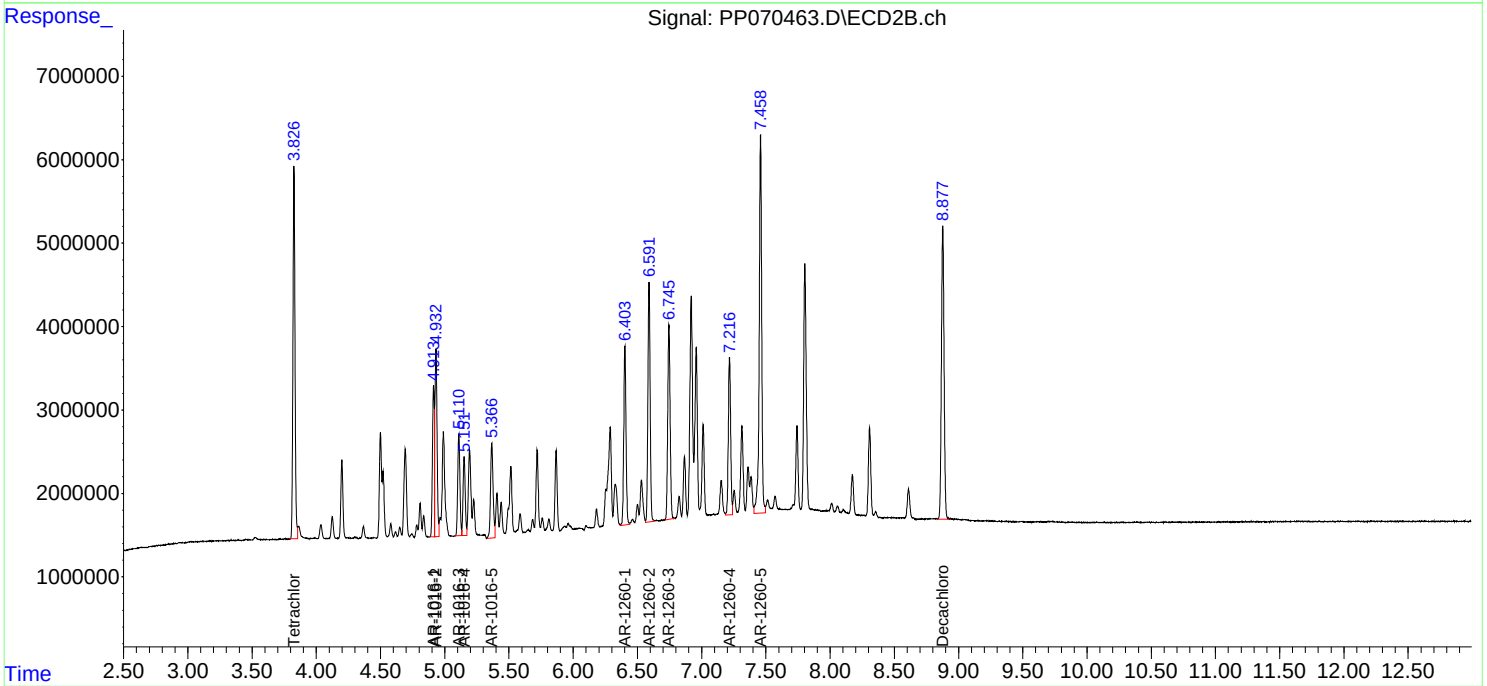
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070463.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 03:09
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 41 Sample Multiplier: 1

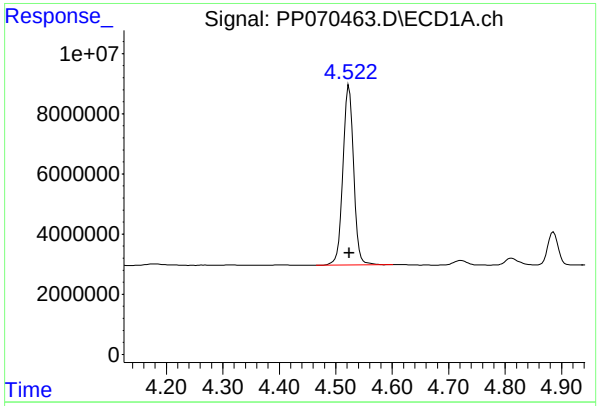
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 03:43:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 12 02:42:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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



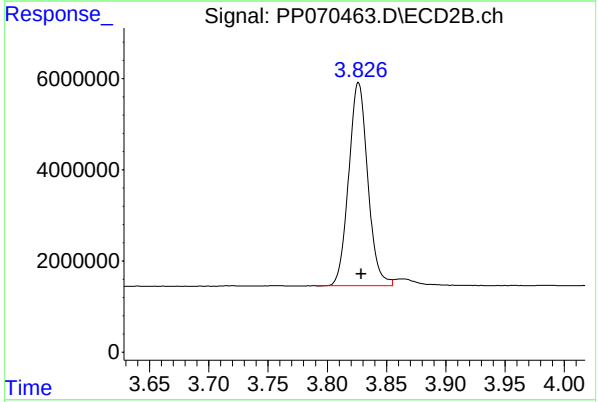




#1 Tetrachloro-m-xylene

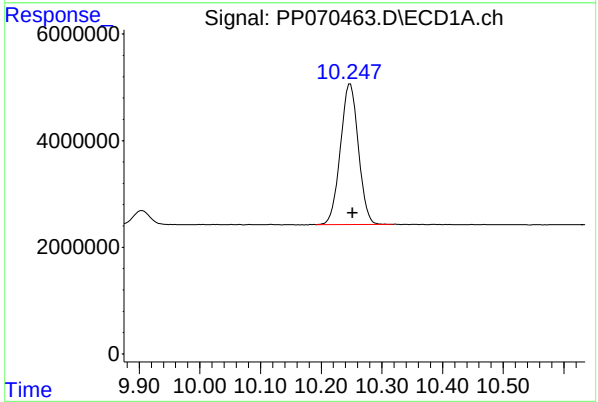
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 78759092
Conc: 50.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



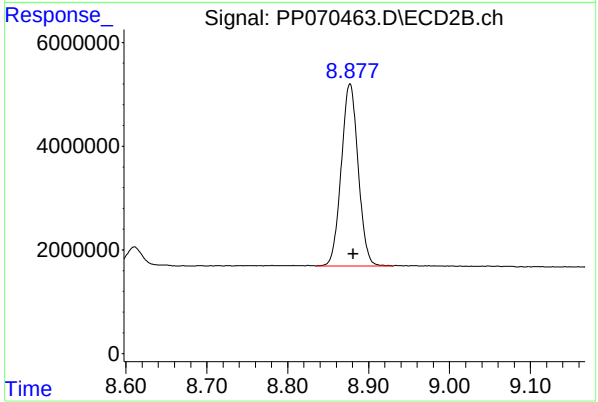
#1 Tetrachloro-m-xylene

R.T.: 3.826 min
Delta R.T.: -0.002 min
Response: 49905082
Conc: 49.79 ng/ml



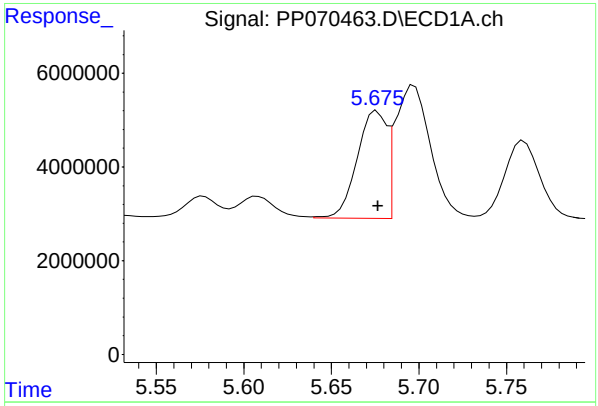
#2 Decachlorobiphenyl

R.T.: 10.248 min
Delta R.T.: -0.004 min
Response: 54256260
Conc: 51.07 ng/ml



#2 Decachlorobiphenyl

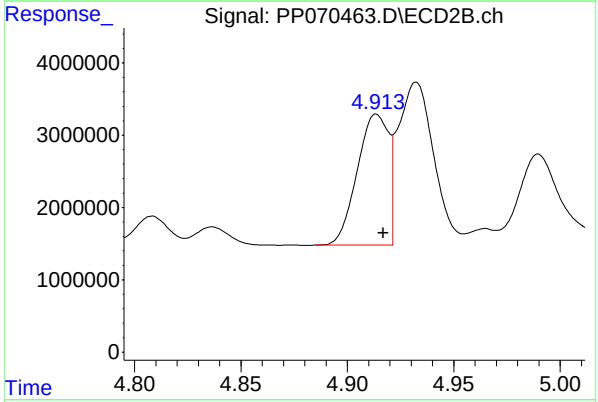
R.T.: 8.877 min
Delta R.T.: -0.004 min
Response: 51088924
Conc: 52.22 ng/ml



#3 AR-1016-1

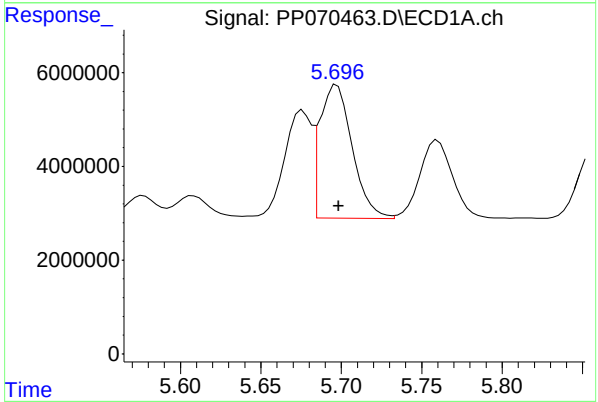
R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 26954052
Conc: 519.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



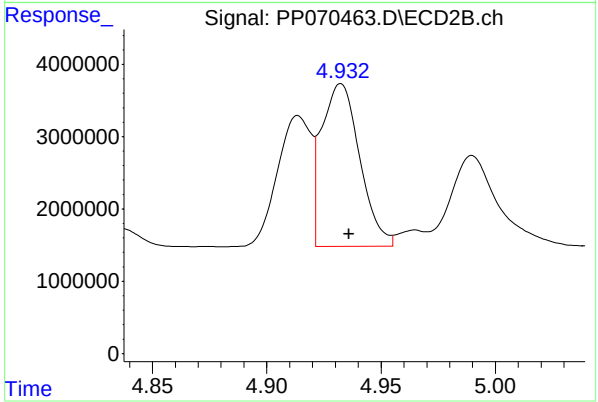
#3 AR-1016-1

R.T.: 4.914 min
Delta R.T.: -0.003 min
Response: 18506271
Conc: 514.74 ng/ml



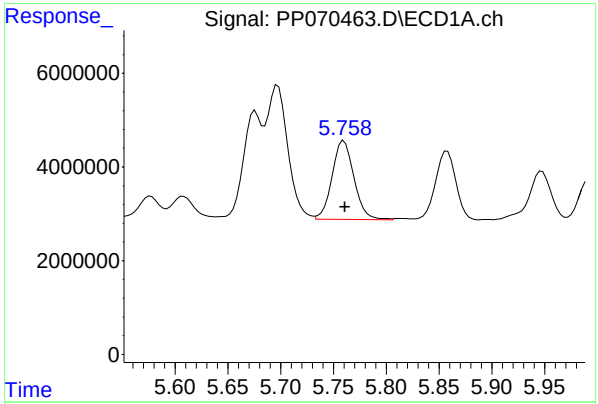
#4 AR-1016-2

R.T.: 5.697 min
Delta R.T.: -0.001 min
Response: 39929998
Conc: 558.11 ng/ml



#4 AR-1016-2

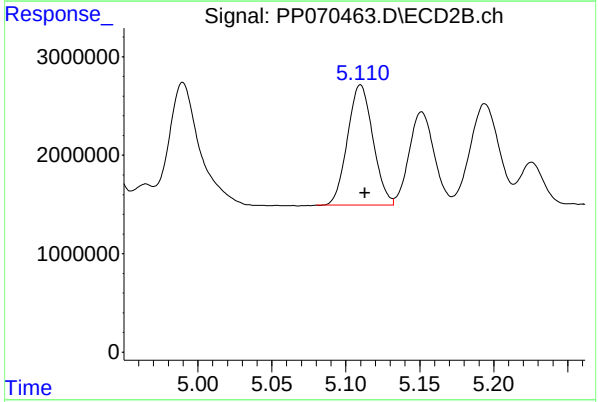
R.T.: 4.932 min
Delta R.T.: -0.004 min
Response: 26202126
Conc: 504.21 ng/ml



#5 AR-1016-3

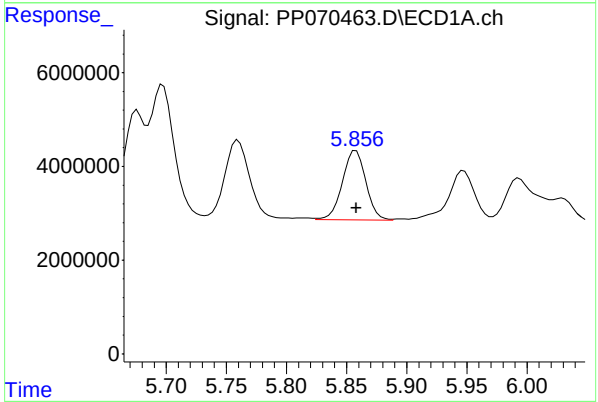
R.T.: 5.760 min
Delta R.T.: 0.000 min
Response: 24162868
Conc: 530.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



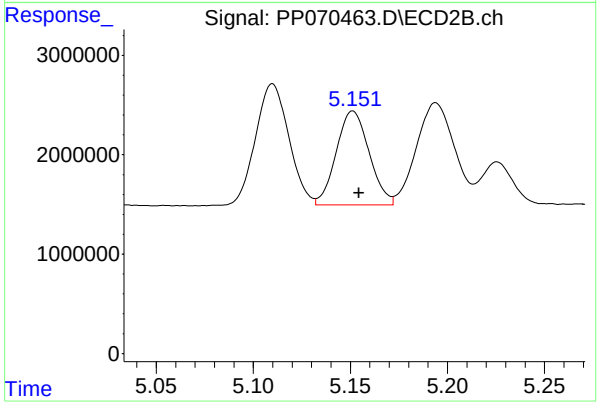
#5 AR-1016-3

R.T.: 5.110 min
Delta R.T.: -0.003 min
Response: 14581460
Conc: 512.47 ng/ml



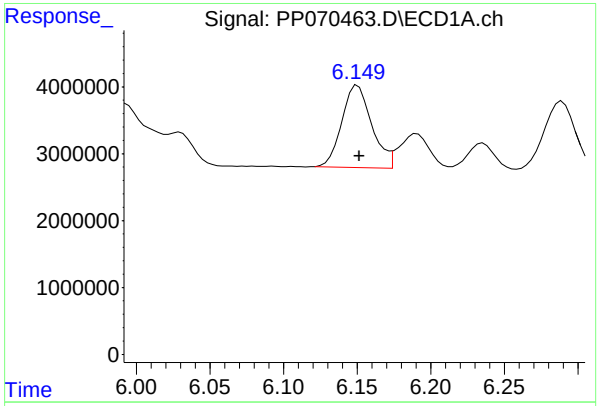
#6 AR-1016-4

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 20073289
Conc: 514.20 ng/ml



#6 AR-1016-4

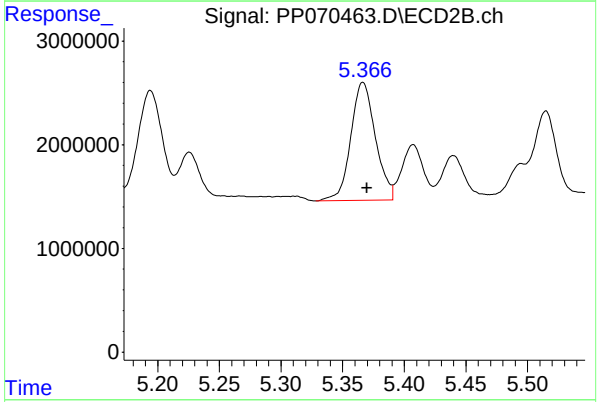
R.T.: 5.151 min
Delta R.T.: -0.003 min
Response: 11135091
Conc: 497.33 ng/ml



#7 AR-1016-5

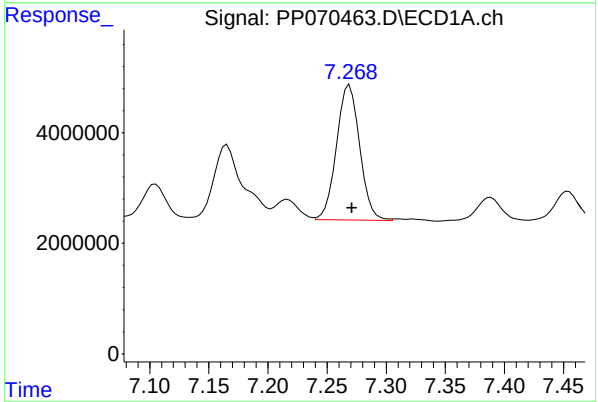
R.T.: 6.150 min
Delta R.T.: -0.001 min
Response: 17407844
Conc: 502.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



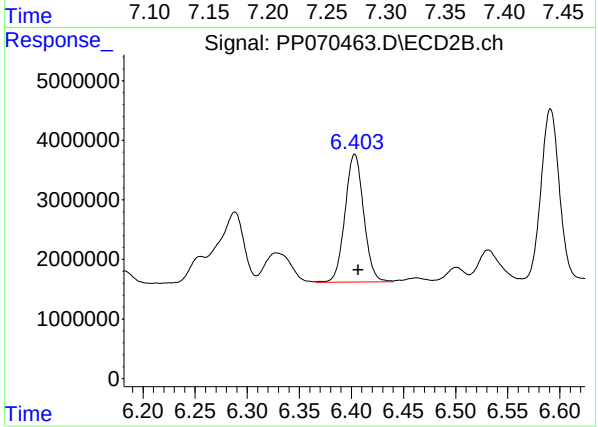
#7 AR-1016-5

R.T.: 5.367 min
Delta R.T.: -0.003 min
Response: 15830883
Conc: 532.69 ng/ml



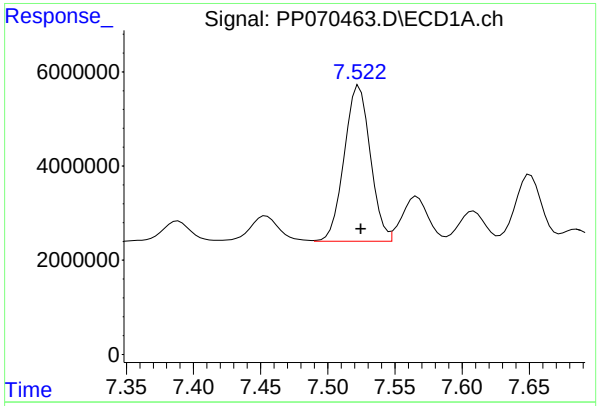
#31 AR-1260-1

R.T.: 7.269 min
Delta R.T.: -0.002 min
Response: 33395700
Conc: 568.55 ng/ml



#31 AR-1260-1

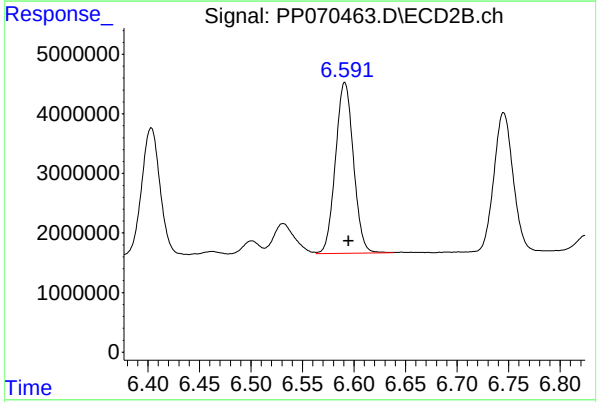
R.T.: 6.403 min
Delta R.T.: -0.003 min
Response: 26731776
Conc: 536.95 ng/ml



#32 AR-1260-2

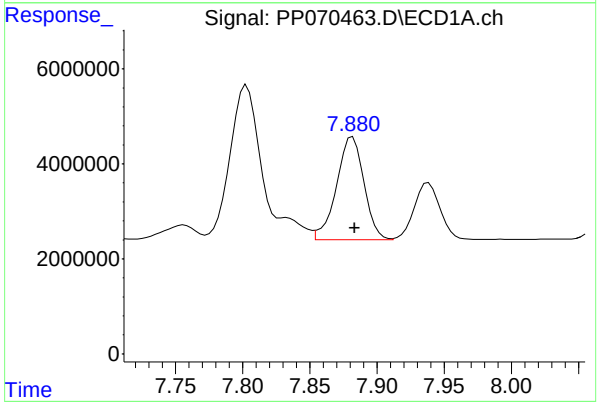
R.T.: 7.523 min
Delta R.T.: -0.001 min
Response: 45121441
Conc: 549.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



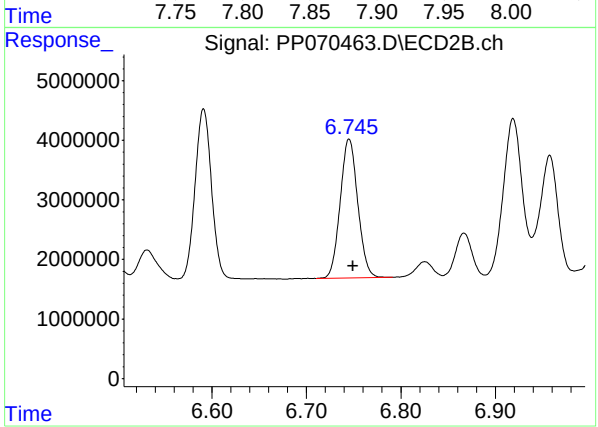
#32 AR-1260-2

R.T.: 6.591 min
Delta R.T.: -0.004 min
Response: 34940483
Conc: 528.70 ng/ml



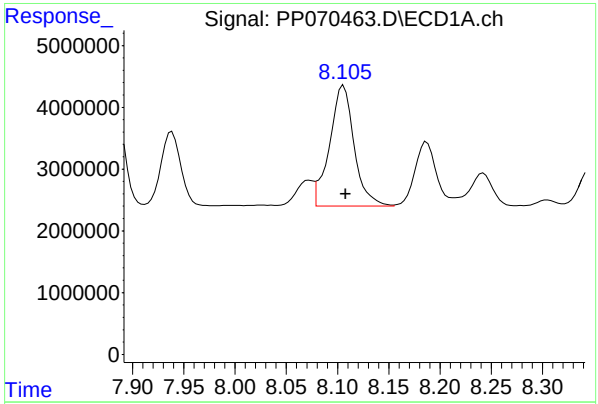
#33 AR-1260-3

R.T.: 7.882 min
Delta R.T.: -0.002 min
Response: 31010488
Conc: 471.59 ng/ml



#33 AR-1260-3

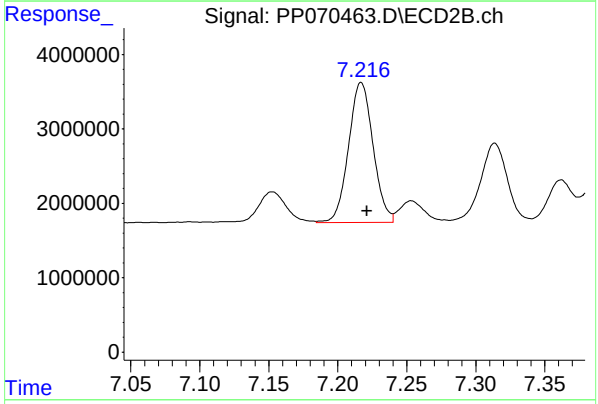
R.T.: 6.745 min
Delta R.T.: -0.004 min
Response: 30193445
Conc: 527.88 ng/ml



#34 AR-1260-4

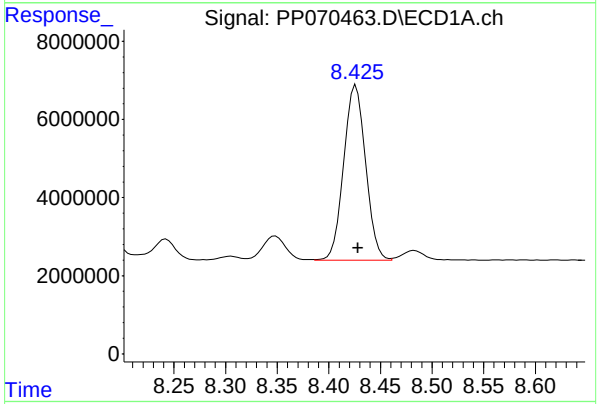
R.T.: 8.106 min
Delta R.T.: -0.002 min
Response: 32518707
Conc: 497.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



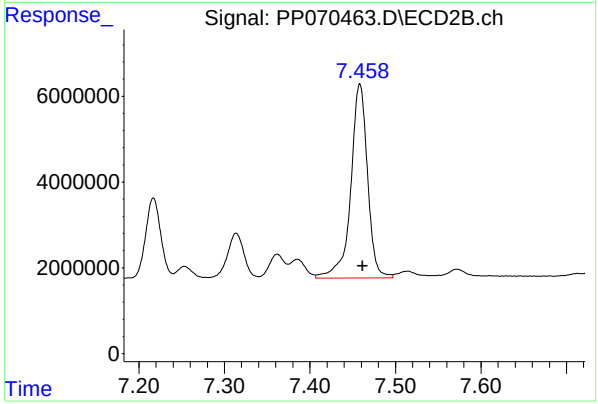
#34 AR-1260-4

R.T.: 7.217 min
Delta R.T.: -0.004 min
Response: 23346249
Conc: 456.31 ng/ml



#35 AR-1260-5

R.T.: 8.426 min
Delta R.T.: -0.002 min
Response: 65960547
Conc: 482.60 ng/ml



#35 AR-1260-5

R.T.: 7.458 min
Delta R.T.: -0.003 min
Response: 61557086
Conc: 477.98 ng/ml

Raw Data: **PP070464.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Continuing Calib Date: 03/12/2025 **Initial Calibration Date(s):** 03/11/2025 03/11/2025

Continuing Calib Time: 03:26 **Initial Calibration Time(s):** 15:13 23:38

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1232-1	(1)	4.89	4.89	4.79	4.99	0.00
Aroclor-1232-2	(2)	5.41	5.41	5.31	5.51	0.00
Aroclor-1232-3	(3)	5.70	5.70	5.60	5.80	0.00
Aroclor-1232-4	(4)	5.86	5.86	5.76	5.96	0.00
Aroclor-1232-5	(5)	5.95	5.95	5.85	6.05	0.00
Tetrachloro-m-xylene		4.52	4.53	4.43	4.63	0.01
Decachlorobiphenyl		10.25	10.25	10.15	10.35	0.00

Raw Data: **PP070464.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

Continuing Calib Date: 03/12/2025 **Initial Calibration Date(s):** 03/11/2025 03/11/2025

Continuing Calib Time: 03:26 **Initial Calibration Time(s):** 15:13 23:38

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1232-1	(1)	4.20	4.20	4.10	4.30	0.00
Aroclor-1232-2	(2)	4.93	4.94	4.84	5.04	0.01
Aroclor-1232-3	(3)	5.11	5.11	5.01	5.21	0.00
Aroclor-1232-4	(4)	5.19	5.20	5.10	5.30	0.01
Aroclor-1232-5	(5)	5.37	5.37	5.27	5.47	0.00
Tetrachloro-m-xylene		3.83	3.83	3.73	3.93	0.00
Decachlorobiphenyl		8.88	8.88	8.78	8.98	0.00

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No.: CCAL06 **Date Analyzed:** 03/12/2025

Lab Sample No.: AR1232CCC500 **Data File :** PP070464.D **Time Analyzed:** 03:26

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1232-1	4.886	4.787	4.987	502.660	500.000	0.5
Aroclor-1232-2	5.412	5.312	5.512	517.680	500.000	3.5
Aroclor-1232-3	5.698	5.598	5.798	508.370	500.000	1.7
Aroclor-1232-4	5.858	5.759	5.959	510.460	500.000	2.1
Aroclor-1232-5	5.948	5.849	6.049	522.880	500.000	4.6
Decachlorobiphenyl	10.250	10.152	10.352	52.710	50.000	5.4
Tetrachloro-m-xylene	4.524	4.425	4.625	52.190	50.000	4.4

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Contract: ALLI03

Lab Code: CHEM **Case No.:** Q1502 **SAS No.:** Q1502 **SDG NO.:** Q1502

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/11/2025 03/11/2025

Client Sample No.: CCAL06 **Date Analyzed:** 03/12/2025

Lab Sample No.: AR1232CCC500 **Data File :** PP070464.D **Time Analyzed:** 03:26

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1232-1	4.200	4.102	4.302	476.840	500.000	-4.6
Aroclor-1232-2	4.933	4.835	5.035	484.320	500.000	-3.1
Aroclor-1232-3	5.110	5.012	5.212	472.400	500.000	-5.5
Aroclor-1232-4	5.194	5.097	5.297	481.690	500.000	-3.7
Aroclor-1232-5	5.367	5.269	5.469	545.800	500.000	9.2
Decachlorobiphenyl	8.876	8.780	8.980	54.170	50.000	8.3
Tetrachloro-m-xylene	3.827	3.728	3.928	49.420	50.000	-1.2

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070464.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 03:26
Operator : YP\AJ
Sample : AR1232CCC500
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1232CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 19 02:30:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 19 02:28:50 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...	4.524	3.827	81173378	49536190	52.189	49.423
2)	SA Decachlor...	10.250	8.876	55996876	52994995	52.711	54.167
	Target Compounds						
11)	L3 AR-1232-1	4.886	4.200	17873277	12545461	502.659	476.838
12)	L3 AR-1232-2	5.412	4.933	8732294	12501282	517.680	484.319
13)	L3 AR-1232-3	5.698	5.110	18590808	6617848	508.367	472.402
14)	L3 AR-1232-4	5.858	5.194	9695802	5641726	510.458	481.694
15)	L3 AR-1232-5	5.948	5.367	6777667	7132470	522.877	545.797

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

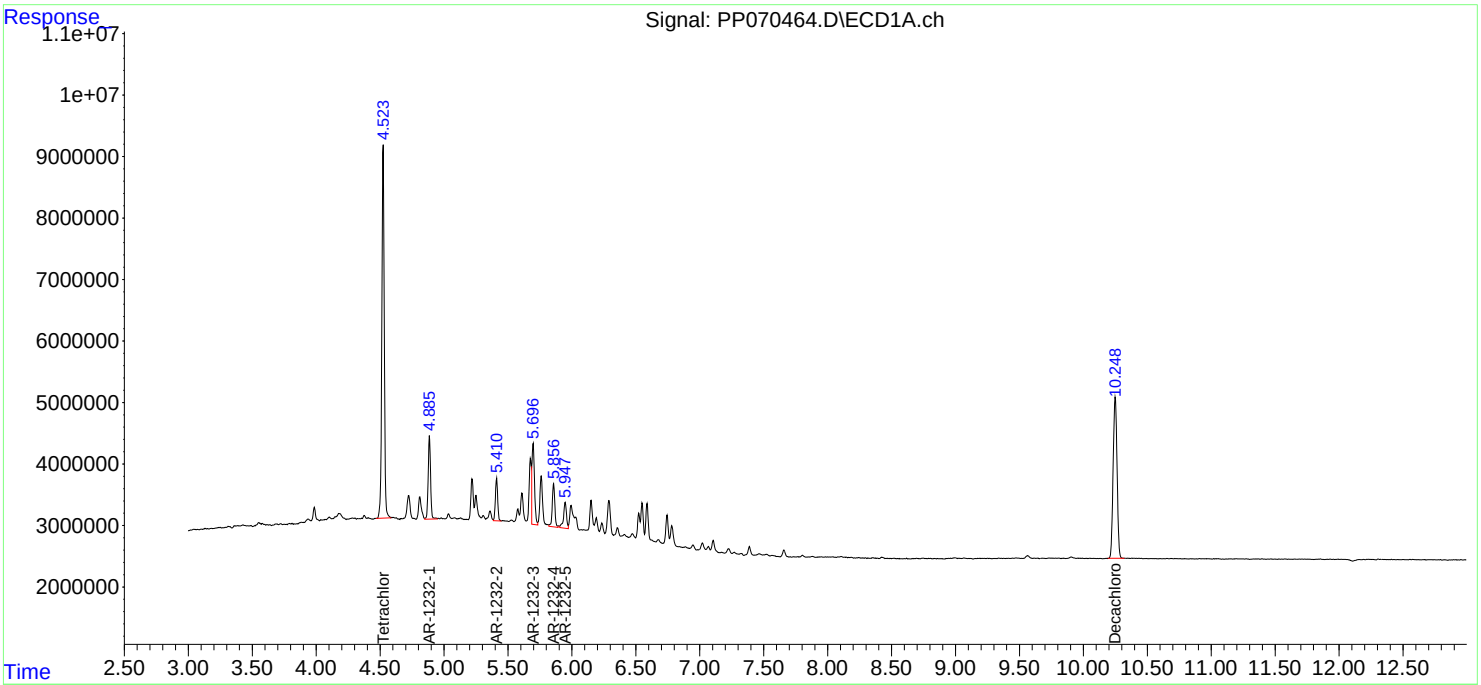
Sample Results: **PP070464.D**

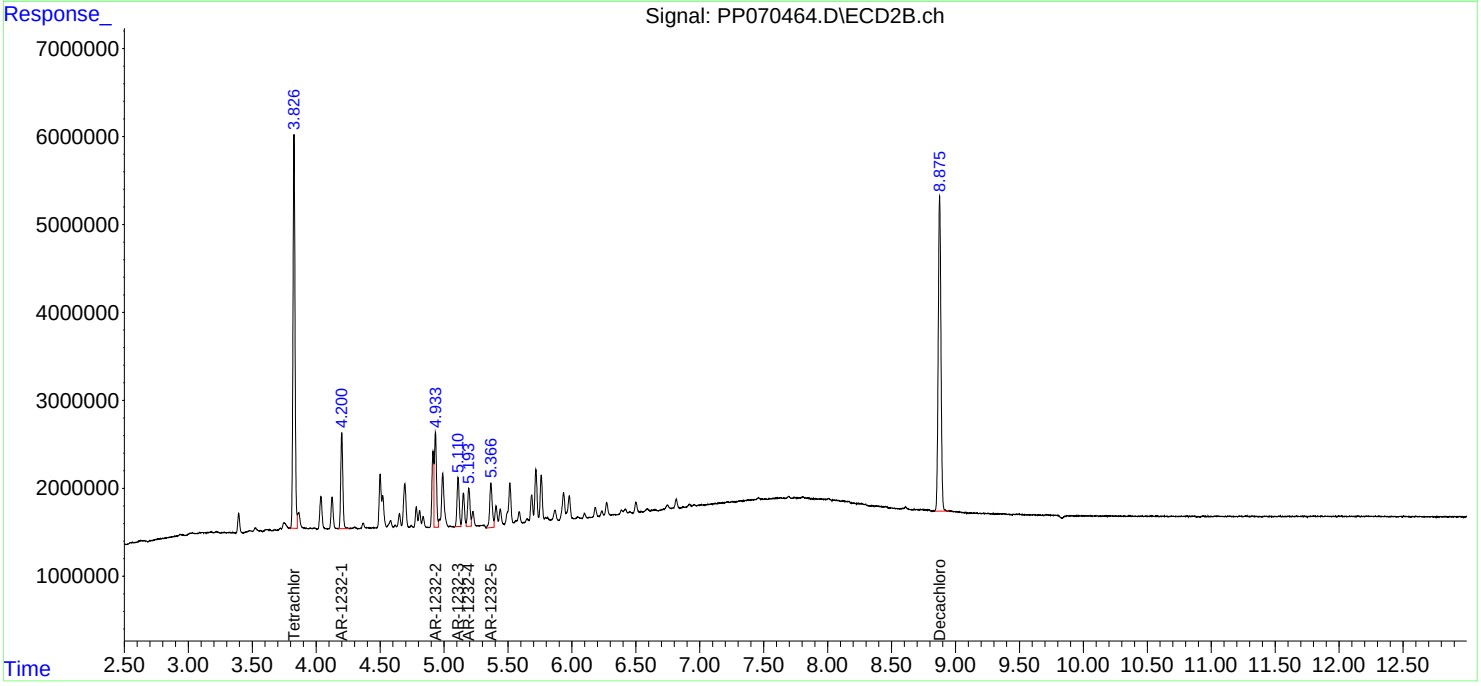
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070464.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 03:26
Operator : YP\AJ
Sample : AR1232CCC500
Misc :
ALS Vial : 42 Sample Multiplier: 1

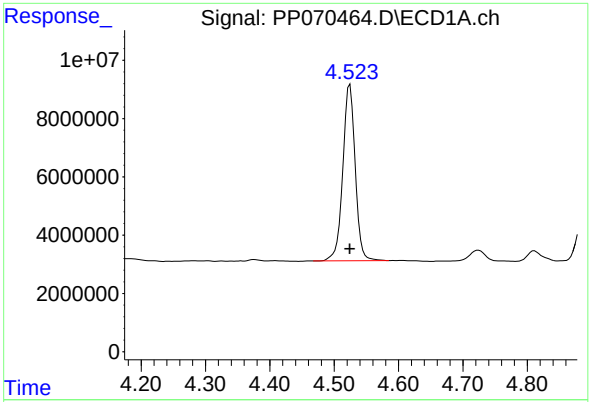
Instrument :
ECD_P
ClientSampleId :
AR1232CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 19 02:30:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 19 02:28:50 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



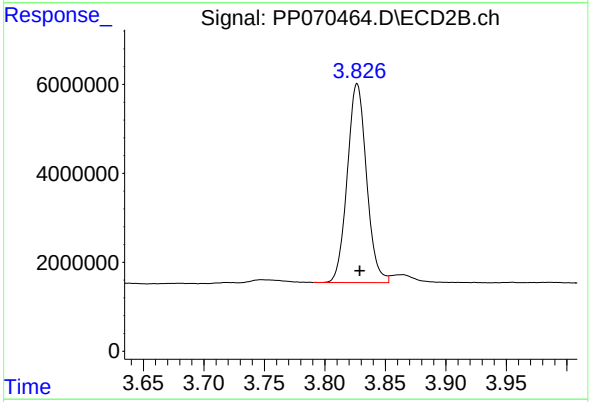




#1 Tetrachloro-m-xylene

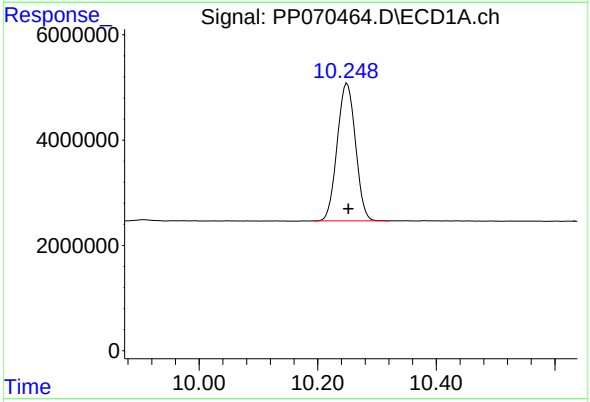
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 81173378
Conc: 52.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232CCC500



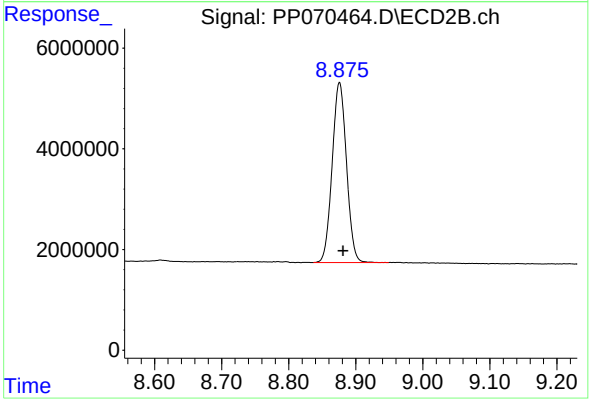
#1 Tetrachloro-m-xylene

R.T.: 3.827 min
Delta R.T.: -0.002 min
Response: 49536190
Conc: 49.42 ng/ml



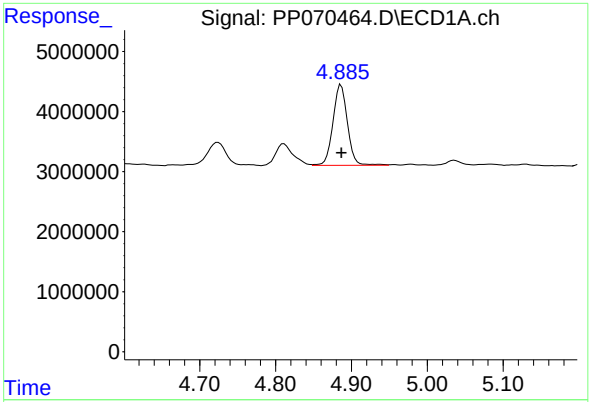
#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.002 min
Response: 55996876
Conc: 52.71 ng/ml



#2 Decachlorobiphenyl

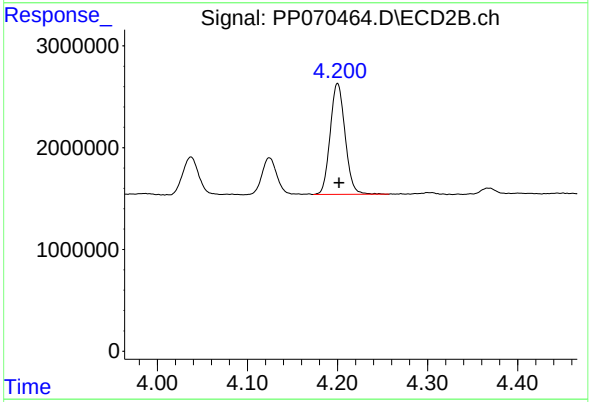
R.T.: 8.876 min
Delta R.T.: -0.005 min
Response: 52994995
Conc: 54.17 ng/ml



#11 AR-1232-1

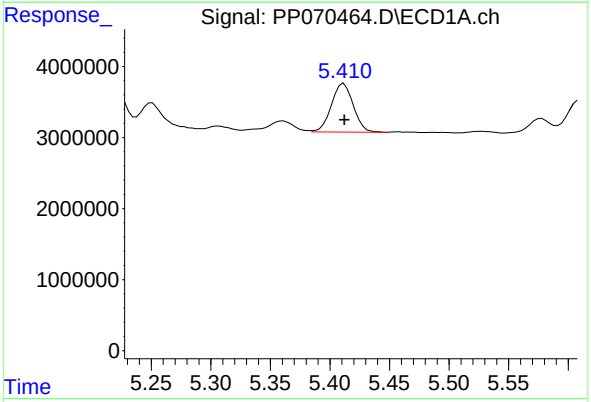
R.T.: 4.886 min
Delta R.T.: 0.000 min
Response: 17873277
Conc: 502.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232CCC500



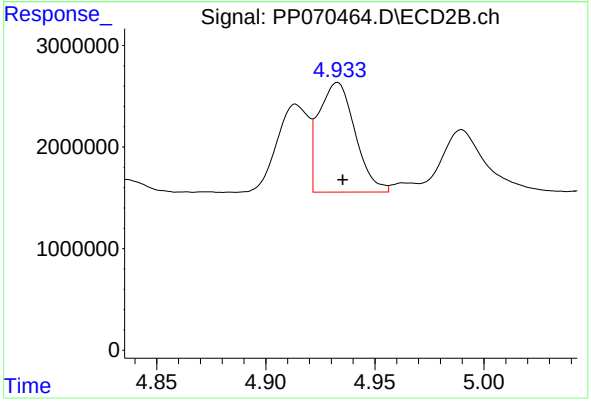
#11 AR-1232-1

R.T.: 4.200 min
Delta R.T.: -0.002 min
Response: 12545461
Conc: 476.84 ng/ml



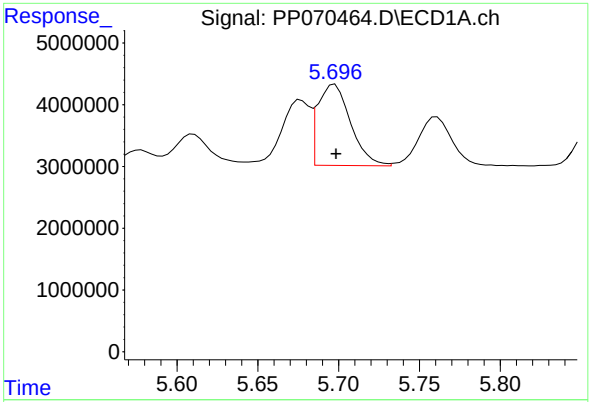
#12 AR-1232-2

R.T.: 5.412 min
Delta R.T.: 0.000 min
Response: 8732294
Conc: 517.68 ng/ml



#12 AR-1232-2

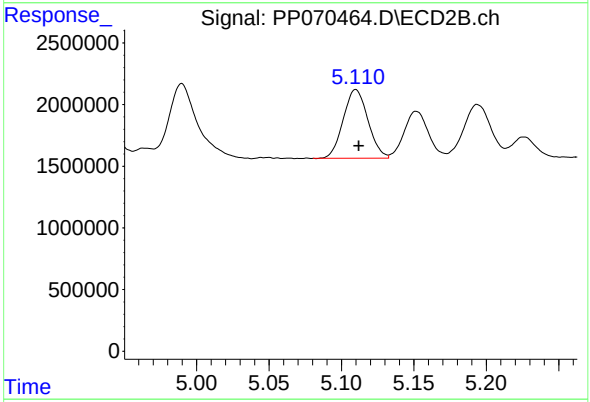
R.T.: 4.933 min
Delta R.T.: -0.003 min
Response: 12501282
Conc: 484.32 ng/ml



#13 AR-1232-3

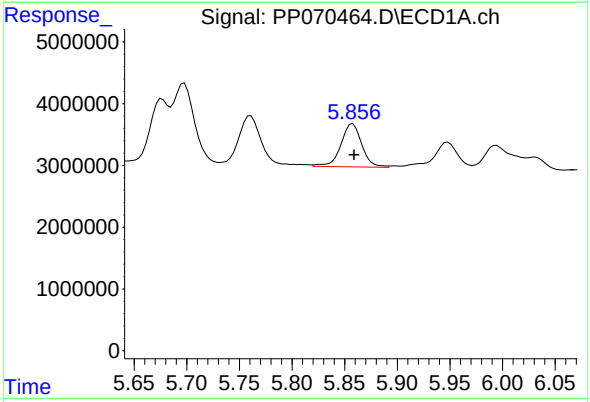
R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 18590808
Conc: 508.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232CCC500



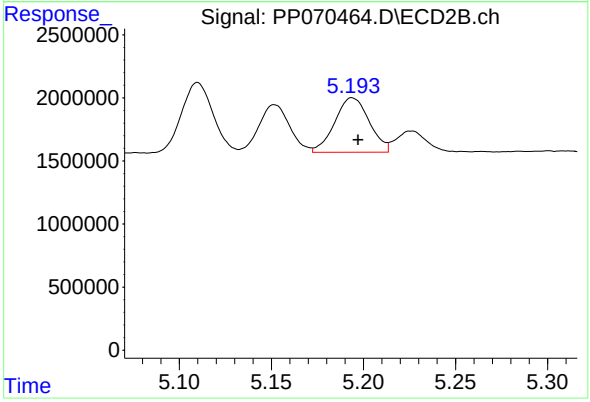
#13 AR-1232-3

R.T.: 5.110 min
Delta R.T.: -0.002 min
Response: 6617848
Conc: 472.40 ng/ml



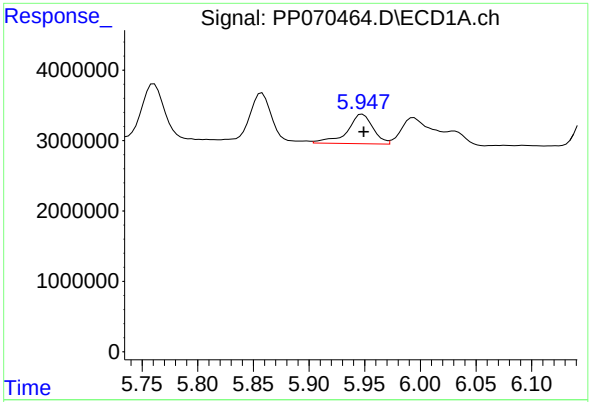
#14 AR-1232-4

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 9695802
Conc: 510.46 ng/ml



#14 AR-1232-4

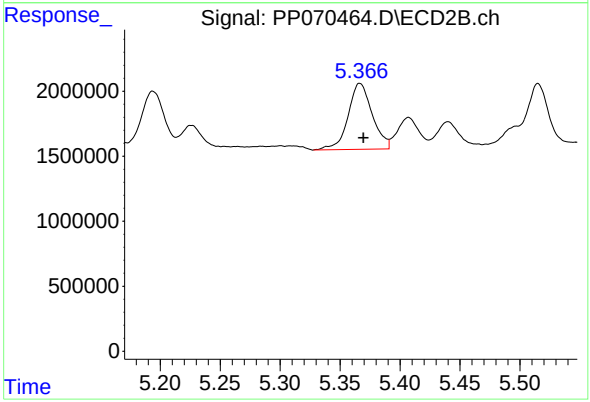
R.T.: 5.194 min
Delta R.T.: -0.003 min
Response: 5641726
Conc: 481.69 ng/ml



#15 AR-1232-5

R.T.: 5.948 min
Delta R.T.: -0.001 min
Response: 6777667
Conc: 522.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232CCC500



#15 AR-1232-5

R.T.: 5.367 min
Delta R.T.: -0.003 min
Response: 7132470
Conc: 545.80 ng/ml

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

Analytical Sequence

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q1502

Project: NJ Waste Water PT **Instrument ID:** ECD_O

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 02/20/2025 02/20/2025

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	02/20/2025	16:28	PO109425.D	8.76	3.70
AR1660ICC1000	AR1660ICC1000	02/20/2025	16:46	PO109426.D	8.76	3.70
AR1660ICC750	AR1660ICC750	02/20/2025	17:04	PO109427.D	8.76	3.70
AR1660ICC500	AR1660ICC500	02/20/2025	17:23	PO109428.D	8.76	3.70
AR1660ICC250	AR1660ICC250	02/20/2025	17:41	PO109429.D	8.76	3.70
AR1660ICC050	AR1660ICC050	02/20/2025	17:59	PO109430.D	8.76	3.70
AR1221ICC500	AR1221ICC500	02/20/2025	18:18	PO109431.D	8.76	3.70
AR1232ICC500	AR1232ICC500	02/20/2025	18:36	PO109432.D	8.76	3.70
AR1242ICC1000	AR1242ICC1000	02/20/2025	18:55	PO109433.D	8.76	3.70
AR1242ICC750	AR1242ICC750	02/20/2025	19:13	PO109434.D	8.76	3.70
AR1242ICC500	AR1242ICC500	02/20/2025	19:31	PO109435.D	8.76	3.70
AR1242ICC250	AR1242ICC250	02/20/2025	19:50	PO109436.D	8.76	3.70
AR1242ICC050	AR1242ICC050	02/20/2025	20:08	PO109437.D	8.76	3.70
AR1248ICC1000	AR1248ICC1000	02/20/2025	20:26	PO109438.D	8.76	3.70
AR1248ICC750	AR1248ICC750	02/20/2025	20:45	PO109439.D	8.76	3.70
AR1248ICC500	AR1248ICC500	02/20/2025	21:03	PO109440.D	8.76	3.70
AR1248ICC250	AR1248ICC250	02/20/2025	21:21	PO109441.D	8.76	3.70
AR1248ICC050	AR1248ICC050	02/20/2025	21:40	PO109442.D	8.75	3.70
AR1254ICC1000	AR1254ICC1000	02/20/2025	21:58	PO109443.D	8.75	3.70
AR1254ICC750	AR1254ICC750	02/20/2025	22:17	PO109444.D	8.76	3.70
AR1254ICC500	AR1254ICC500	02/20/2025	22:35	PO109445.D	8.76	3.70
AR1254ICC250	AR1254ICC250	02/20/2025	22:53	PO109446.D	8.76	3.70
AR1254ICC050	AR1254ICC050	02/20/2025	23:12	PO109447.D	8.76	3.70
AR1262ICC500	AR1262ICC500	02/20/2025	23:30	PO109448.D	8.75	3.70
AR1268ICC1000	AR1268ICC1000	02/20/2025	23:48	PO109449.D	8.76	3.70
AR1268ICC750	AR1268ICC750	02/21/2025	00:07	PO109450.D	8.76	3.70
AR1268ICC500	AR1268ICC500	02/21/2025	00:25	PO109451.D	8.75	3.70
AR1268ICC250	AR1268ICC250	02/21/2025	00:43	PO109452.D	8.76	3.70
AR1268ICC050	AR1268ICC050	02/21/2025	01:02	PO109453.D	8.75	3.70
AR1660CCC500	AR1660CCC500	03/11/2025	17:17	PO109790.D	8.75	3.69
I.BLK	I.BLK	03/11/2025	18:28	PO109794.D	8.75	3.70
PB167066BL	PB167066BL	03/11/2025	20:18	PO109800.D	8.75	3.69
PB167066BS	PB167066BS	03/11/2025	20:36	PO109801.D	8.75	3.70
PB167066BSD	PB167066BSD	03/11/2025	20:55	PO109802.D	8.75	3.70
AR1660CCC500	AR1660CCC500	03/11/2025	21:49	PO109805.D	8.75	3.70
I.BLK	I.BLK	03/11/2025	23:01	PO109809.D	8.75	3.70
I.BLK	I.BLK	03/11/2025	14:57	PP070418.D	10.25	4.53
AR1660ICC1000	AR1660ICC1000	03/11/2025	15:13	PP070419.D	10.25	4.53
AR1660ICC750	AR1660ICC750	03/11/2025	15:29	PP070420.D	10.25	4.52
AR1660ICC500	AR1660ICC500	03/11/2025	15:46	PP070421.D	10.25	4.52
AR1660ICC250	AR1660ICC250	03/11/2025	16:02	PP070422.D	10.26	4.53
AR1660ICC050	AR1660ICC050	03/11/2025	16:18	PP070423.D	10.25	4.53

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

Analytical Sequence

AR1221ICC500	AR1221ICC500	03/11/2025	16:34	PP070424.D	10.25	4.53
AR1232ICC1000	AR1232ICC1000	03/11/2025	16:51	PP070425.D	10.25	4.53
AR1232ICC750	AR1232ICC750	03/11/2025	17:07	PP070426.D	10.25	4.53
AR1232ICC500	AR1232ICC500	03/11/2025	17:23	PP070427.D	10.25	4.53
AR1232ICC250	AR1232ICC250	03/11/2025	17:40	PP070428.D	10.25	4.53
AR1232ICC050	AR1232ICC050	03/11/2025	17:56	PP070429.D	10.26	4.53
AR1242ICC1000	AR1242ICC1000	03/11/2025	18:12	PP070430.D	10.25	4.53
AR1242ICC750	AR1242ICC750	03/11/2025	18:28	PP070431.D	10.25	4.53
AR1242ICC500	AR1242ICC500	03/11/2025	18:45	PP070432.D	10.25	4.53
AR1242ICC250	AR1242ICC250	03/11/2025	19:01	PP070433.D	10.25	4.52
AR1242ICC050	AR1242ICC050	03/11/2025	19:17	PP070434.D	10.25	4.53
AR1248ICC1000	AR1248ICC1000	03/11/2025	19:34	PP070435.D	10.25	4.53
AR1248ICC750	AR1248ICC750	03/11/2025	19:50	PP070436.D	10.25	4.52
AR1248ICC500	AR1248ICC500	03/11/2025	20:06	PP070437.D	10.25	4.52
AR1248ICC250	AR1248ICC250	03/11/2025	20:22	PP070438.D	10.25	4.52
AR1248ICC050	AR1248ICC050	03/11/2025	20:39	PP070439.D	10.25	4.52
AR1254ICC1000	AR1254ICC1000	03/11/2025	20:55	PP070440.D	10.25	4.53
AR1254ICC750	AR1254ICC750	03/11/2025	21:11	PP070441.D	10.25	4.52
AR1254ICC500	AR1254ICC500	03/11/2025	21:28	PP070442.D	10.25	4.53
AR1254ICC250	AR1254ICC250	03/11/2025	21:44	PP070443.D	10.25	4.52
AR1254ICC050	AR1254ICC050	03/11/2025	22:00	PP070444.D	10.25	4.53
AR1262ICC500	AR1262ICC500	03/11/2025	22:16	PP070445.D	10.25	4.52
AR1268ICC1000	AR1268ICC1000	03/11/2025	22:33	PP070446.D	10.25	4.53
AR1268ICC750	AR1268ICC750	03/11/2025	22:49	PP070447.D	10.25	4.53
AR1268ICC500	AR1268ICC500	03/11/2025	23:05	PP070448.D	10.25	4.52
AR1268ICC250	AR1268ICC250	03/11/2025	23:22	PP070449.D	10.25	4.52
AR1268ICC050	AR1268ICC050	03/11/2025	23:38	PP070450.D	10.25	4.53
AR1660CCC500	AR1660CCC500	03/12/2025	01:32	PP070457.D	10.25	4.52
AR1232CCC500	AR1232CCC500	03/12/2025	01:48	PP070458.D	10.25	4.52
I.BLK	I.BLK	03/12/2025	02:21	PP070460.D	10.25	4.52
PT-PCBW-WP	Q1502-15	03/12/2025	02:53	PP070462.D	10.25	4.52
AR1660CCC500	AR1660CCC500	03/12/2025	03:09	PP070463.D	10.25	4.52
AR1232CCC500	AR1232CCC500	03/12/2025	03:26	PP070464.D	10.25	4.52
I.BLK	I.BLK	03/12/2025	03:58	PP070466.D	10.25	4.52

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

Analytical Sequence

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q1502

Project: NJ Waste Water PT **Instrument ID:** ECD_O

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 02/20/2025 02/20/2025

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	02/20/2025	16:28	PO109425.D	8.71	3.69
AR1660ICC1000	AR1660ICC1000	02/20/2025	16:46	PO109426.D	8.71	3.69
AR1660ICC750	AR1660ICC750	02/20/2025	17:04	PO109427.D	8.71	3.69
AR1660ICC500	AR1660ICC500	02/20/2025	17:23	PO109428.D	8.71	3.69
AR1660ICC250	AR1660ICC250	02/20/2025	17:41	PO109429.D	8.71	3.69
AR1660ICC050	AR1660ICC050	02/20/2025	17:59	PO109430.D	8.71	3.69
AR1221ICC500	AR1221ICC500	02/20/2025	18:18	PO109431.D	8.71	3.69
AR1232ICC500	AR1232ICC500	02/20/2025	18:36	PO109432.D	8.71	3.69
AR1242ICC1000	AR1242ICC1000	02/20/2025	18:55	PO109433.D	8.71	3.69
AR1242ICC750	AR1242ICC750	02/20/2025	19:13	PO109434.D	8.71	3.69
AR1242ICC500	AR1242ICC500	02/20/2025	19:31	PO109435.D	8.71	3.69
AR1242ICC250	AR1242ICC250	02/20/2025	19:50	PO109436.D	8.71	3.69
AR1242ICC050	AR1242ICC050	02/20/2025	20:08	PO109437.D	8.71	3.69
AR1248ICC1000	AR1248ICC1000	02/20/2025	20:26	PO109438.D	8.71	3.69
AR1248ICC750	AR1248ICC750	02/20/2025	20:45	PO109439.D	8.71	3.69
AR1248ICC500	AR1248ICC500	02/20/2025	21:03	PO109440.D	8.71	3.69
AR1248ICC250	AR1248ICC250	02/20/2025	21:21	PO109441.D	8.71	3.69
AR1248ICC050	AR1248ICC050	02/20/2025	21:40	PO109442.D	8.71	3.69
AR1254ICC1000	AR1254ICC1000	02/20/2025	21:58	PO109443.D	8.71	3.69
AR1254ICC750	AR1254ICC750	02/20/2025	22:17	PO109444.D	8.71	3.69
AR1254ICC500	AR1254ICC500	02/20/2025	22:35	PO109445.D	8.71	3.69
AR1254ICC250	AR1254ICC250	02/20/2025	22:53	PO109446.D	8.71	3.69
AR1254ICC050	AR1254ICC050	02/20/2025	23:12	PO109447.D	8.71	3.69
AR1262ICC500	AR1262ICC500	02/20/2025	23:30	PO109448.D	8.71	3.69
AR1268ICC1000	AR1268ICC1000	02/20/2025	23:48	PO109449.D	8.71	3.69
AR1268ICC750	AR1268ICC750	02/21/2025	00:07	PO109450.D	8.71	3.69
AR1268ICC500	AR1268ICC500	02/21/2025	00:25	PO109451.D	8.71	3.69
AR1268ICC250	AR1268ICC250	02/21/2025	00:43	PO109452.D	8.71	3.69
AR1268ICC050	AR1268ICC050	02/21/2025	01:02	PO109453.D	8.70	3.69
AR1660CCC500	AR1660CCC500	03/11/2025	17:17	PO109790.D	8.70	3.69
I.BLK	I.BLK	03/11/2025	18:28	PO109794.D	8.70	3.69
PB167066BL	PB167066BL	03/11/2025	20:18	PO109800.D	8.70	3.69
PB167066BS	PB167066BS	03/11/2025	20:36	PO109801.D	8.70	3.69
PB167066BSD	PB167066BSD	03/11/2025	20:55	PO109802.D	8.70	3.69
AR1660CCC500	AR1660CCC500	03/11/2025	21:49	PO109805.D	8.70	3.69
I.BLK	I.BLK	03/11/2025	23:01	PO109809.D	8.70	3.69
I.BLK	I.BLK	03/11/2025	14:57	PP070418.D	8.88	3.83
AR1660ICC1000	AR1660ICC1000	03/11/2025	15:13	PP070419.D	8.88	3.83
AR1660ICC750	AR1660ICC750	03/11/2025	15:29	PP070420.D	8.88	3.83
AR1660ICC500	AR1660ICC500	03/11/2025	15:46	PP070421.D	8.88	3.83
AR1660ICC250	AR1660ICC250	03/11/2025	16:02	PP070422.D	8.88	3.83
AR1660ICC050	AR1660ICC050	03/11/2025	16:18	PP070423.D	8.88	3.83

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

Analytical Sequence

AR1221ICC500	AR1221ICC500	03/11/2025	16:34	PP070424.D	8.88	3.83
AR1232ICC1000	AR1232ICC1000	03/11/2025	16:51	PP070425.D	8.88	3.83
AR1232ICC750	AR1232ICC750	03/11/2025	17:07	PP070426.D	8.88	3.83
AR1232ICC500	AR1232ICC500	03/11/2025	17:23	PP070427.D	8.88	3.83
AR1232ICC250	AR1232ICC250	03/11/2025	17:40	PP070428.D	8.88	3.83
AR1232ICC050	AR1232ICC050	03/11/2025	17:56	PP070429.D	8.88	3.83
AR1242ICC1000	AR1242ICC1000	03/11/2025	18:12	PP070430.D	8.88	3.83
AR1242ICC750	AR1242ICC750	03/11/2025	18:28	PP070431.D	8.88	3.83
AR1242ICC500	AR1242ICC500	03/11/2025	18:45	PP070432.D	8.88	3.83
AR1242ICC250	AR1242ICC250	03/11/2025	19:01	PP070433.D	8.88	3.83
AR1242ICC050	AR1242ICC050	03/11/2025	19:17	PP070434.D	8.88	3.83
AR1248ICC1000	AR1248ICC1000	03/11/2025	19:34	PP070435.D	8.88	3.83
AR1248ICC750	AR1248ICC750	03/11/2025	19:50	PP070436.D	8.88	3.83
AR1248ICC500	AR1248ICC500	03/11/2025	20:06	PP070437.D	8.88	3.83
AR1248ICC250	AR1248ICC250	03/11/2025	20:22	PP070438.D	8.88	3.83
AR1248ICC050	AR1248ICC050	03/11/2025	20:39	PP070439.D	8.88	3.83
AR1254ICC1000	AR1254ICC1000	03/11/2025	20:55	PP070440.D	8.88	3.83
AR1254ICC750	AR1254ICC750	03/11/2025	21:11	PP070441.D	8.88	3.83
AR1254ICC500	AR1254ICC500	03/11/2025	21:28	PP070442.D	8.88	3.83
AR1254ICC250	AR1254ICC250	03/11/2025	21:44	PP070443.D	8.88	3.83
AR1254ICC050	AR1254ICC050	03/11/2025	22:00	PP070444.D	8.88	3.83
AR1262ICC500	AR1262ICC500	03/11/2025	22:16	PP070445.D	8.88	3.83
AR1268ICC1000	AR1268ICC1000	03/11/2025	22:33	PP070446.D	8.88	3.83
AR1268ICC750	AR1268ICC750	03/11/2025	22:49	PP070447.D	8.88	3.83
AR1268ICC500	AR1268ICC500	03/11/2025	23:05	PP070448.D	8.88	3.83
AR1268ICC250	AR1268ICC250	03/11/2025	23:22	PP070449.D	8.88	3.83
AR1268ICC050	AR1268ICC050	03/11/2025	23:38	PP070450.D	8.88	3.83
AR1660CCC500	AR1660CCC500	03/12/2025	01:32	PP070457.D	8.88	3.83
AR1232CCC500	AR1232CCC500	03/12/2025	01:48	PP070458.D	8.88	3.83
I.BLK	I.BLK	03/12/2025	02:21	PP070460.D	8.88	3.83
PT-PCBW-WP	Q1502-15	03/12/2025	02:53	PP070462.D	8.88	3.83
AR1660CCC500	AR1660CCC500	03/12/2025	03:09	PP070463.D	8.88	3.83
AR1232CCC500	AR1232CCC500	03/12/2025	03:26	PP070464.D	8.88	3.83
I.BLK	I.BLK	03/12/2025	03:58	PP070466.D	8.88	3.83

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB167066BS

Contract: ALLI03

Lab Code: CHEM Case No.: Q1502 SAS No.: Q1502 SDG NO.: Q1502

Lab Sample ID: PB167066BS Date(s) Analyzed: 03/11/2025 03/11/2025

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 PO109801.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.788	4.738	4.838	4.91		
	2	4.808	4.758	4.858	5.01		
	3	4.864	4.814	4.914	4.95		
COLUMN 1	4	4.985	4.935	5.035	4.96		
	5	5.242	5.192	5.292	4.70	4.90	
	1	4.776	4.726	4.826	5.05		
	2	4.795	4.745	4.845	5.20		
	3	4.971	4.921	5.021	5.16		
	4	5.012	4.962	5.062	4.90		
COLUMN 2	5	5.225	5.175	5.275	4.83	5.00	2.02
Aroclor-1260	1	6.284	6.234	6.334	4.92		
	2	6.472	6.422	6.522	4.88		
	3	6.84	6.79	6.89	4.10		
COLUMN 1	4	7.1	7.05	7.15	4.26		
	5	7.342	7.292	7.392	4.37	4.50	
	1	6.258	6.208	6.308	5.01		
	2	6.445	6.395	6.495	5.00		
	3	6.598	6.548	6.648	4.98		
	4	7.07	7.02	7.12	4.30		
COLUMN 2	5	7.311	7.261	7.361	4.39	4.70	4.35

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB167066BSD

Contract: ALLI03

Lab Code: CHEM Case No.: Q1502 SAS No.: Q1502 SDG NO.: Q1502

Lab Sample ID: PB167066BSD Date(s) Analyzed: 03/11/2025 03/11/2025

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 PO109802.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.788	4.738	4.838	4.94		
	2	4.808	4.758	4.858	4.95		
	3	4.864	4.814	4.914	4.92		
COLUMN 1	4	4.985	4.935	5.035	4.93		
	5	5.242	5.192	5.292	4.68	4.90	
	1	4.775	4.725	4.825	5.06		
	2	4.795	4.745	4.845	5.17		
	3	4.97	4.92	5.02	5.14		
	4	5.012	4.962	5.062	4.90		
COLUMN 2	5	5.225	5.175	5.275	4.80	5.00	2.02
Aroclor-1260	1	6.284	6.234	6.334	4.93		
	2	6.473	6.423	6.523	4.89		
	3	6.841	6.791	6.891	4.13		
COLUMN 1	4	7.101	7.051	7.151	4.21		
	5	7.344	7.294	7.394	4.33	4.50	
	1	6.258	6.208	6.308	5.03		
	2	6.446	6.396	6.496	5.02		
	3	6.599	6.549	6.649	5.01		
	4	7.071	7.021	7.121	4.29		
COLUMN 2	5	7.311	7.261	7.361	4.37	4.70	4.35

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PT-PCBW-WP

Contract: ALLI03

Lab Code: CHEM Case No.: Q1502 SAS No.: Q1502 SDG NO.: Q1502

Lab Sample ID: Q1502-15 Date(s) Analyzed: 03/12/2025 03/12/2025

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 PP070462.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1232	1	4.886	4.836	4.936	5.94		
	2	5.411	5.361	5.461	6.33		
	3	5.698	5.648	5.748	6.13		
COLUMN 1	4	5.857	5.807	5.907	6.00		
	5	5.948	5.898	5.998	6.09	6.10	
	1	4.201	4.151	4.251	5.93		
	2	4.934	4.884	4.984	5.99		
	3	5.111	5.061	5.161	5.97		
	4	5.195	5.145	5.245	6.17		
COLUMN 2	5	5.368	5.318	5.418	6.12	6.00	1.65

QC SAMPLE DATA

Raw Data: **PO109800.D**

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	
Project:	NJ Waste Water PT	Date Received:	
Client Sample ID:	PB167066BL	SDG No.:	Q1502
Lab Sample ID:	PB167066BL	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 :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109800.D	1	03/11/25 08:35	03/11/25 20:18	PB167066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.9		16 - 158	109%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.7		10 - 173	99%	SPK: 20

Comments:

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

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

Quantitation Report (QT Reviewed)

Sample Results: **PO109800.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO031125\
Data File : PO109800.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 20:18
Operator : YP/AJ
Sample : PB167066BL
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB167066BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 21:37:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.693	3.692	204.6E6	114.6E6	21.614	21.891
2)	SA Decachlor...	8.746	8.701	164.8E6	62822866	19.155	19.729
	Target Compounds						

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

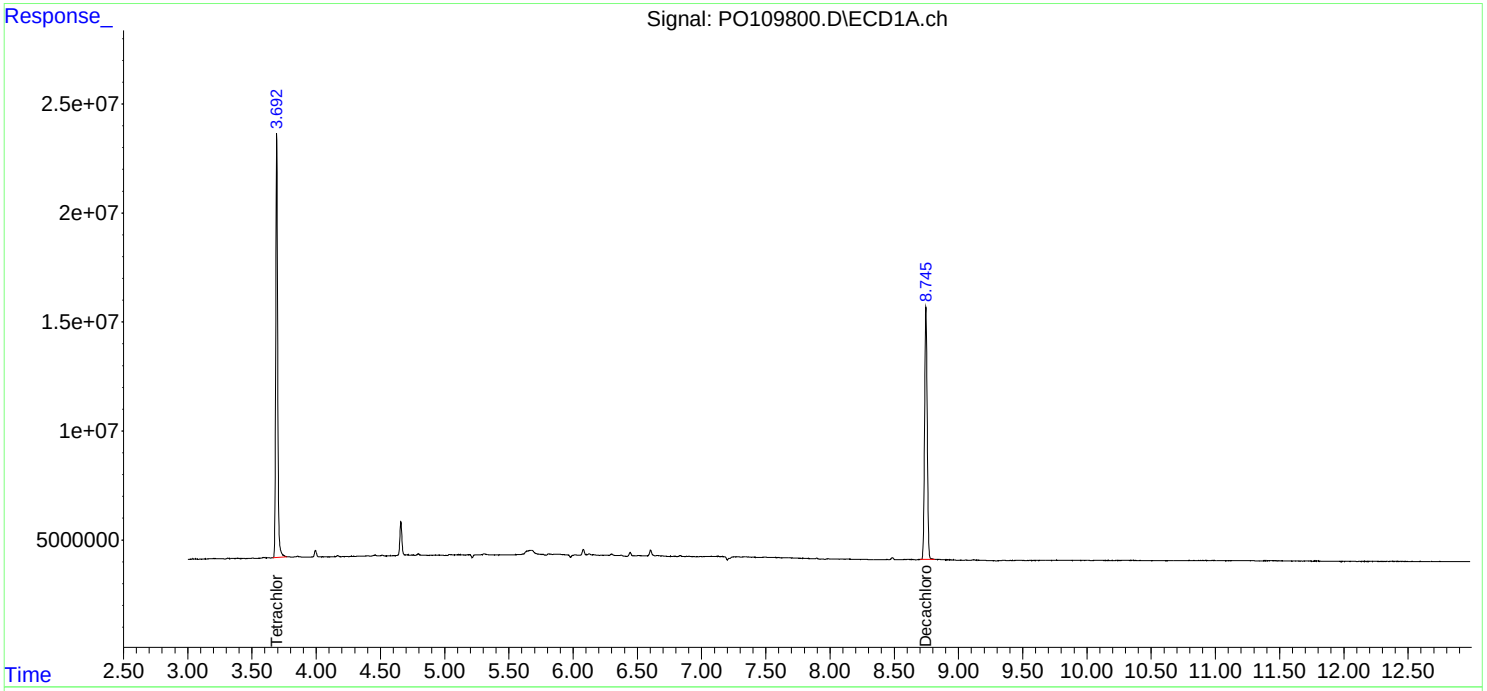
Sample Results: **PO109800.D**

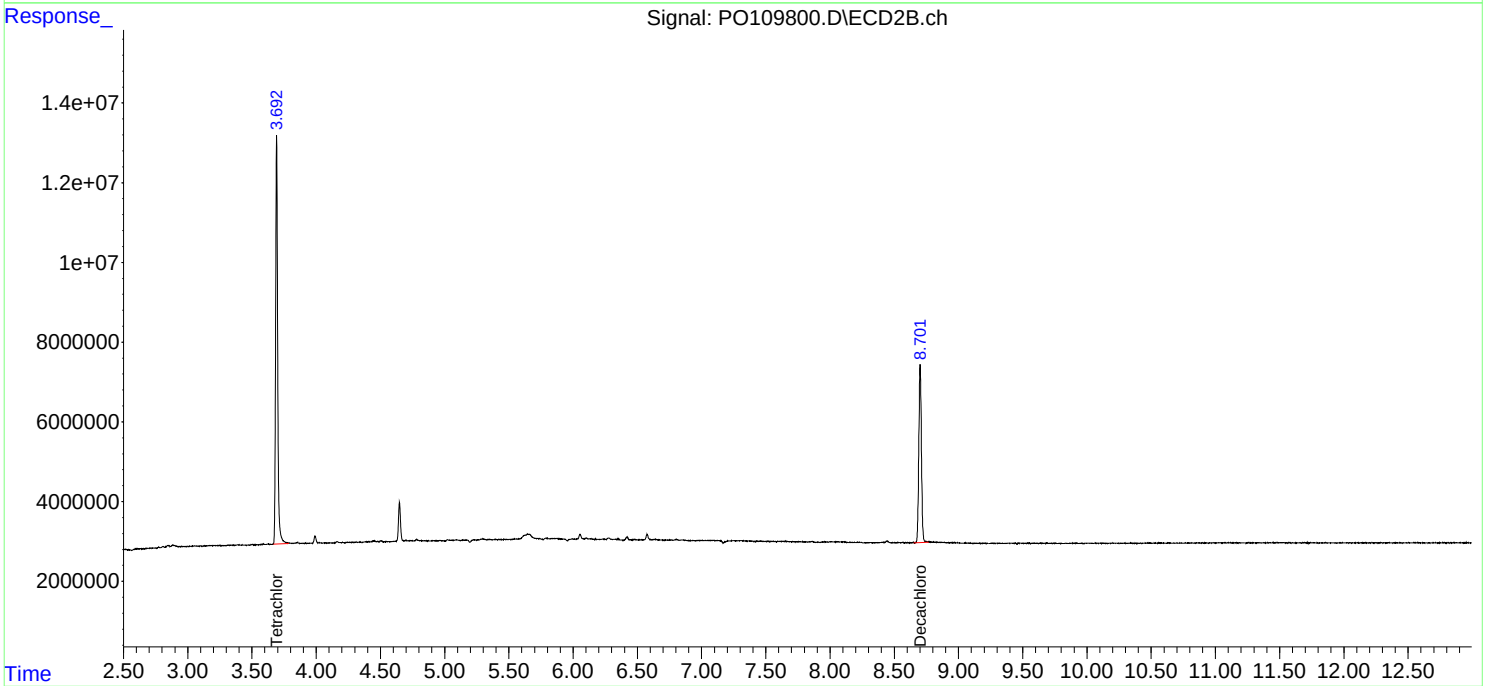
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO031125\
Data File : PO109800.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 20:18
Operator : YP/AJ
Sample : PB167066BL
Misc :
ALS Vial : 22 Sample Multiplier: 1

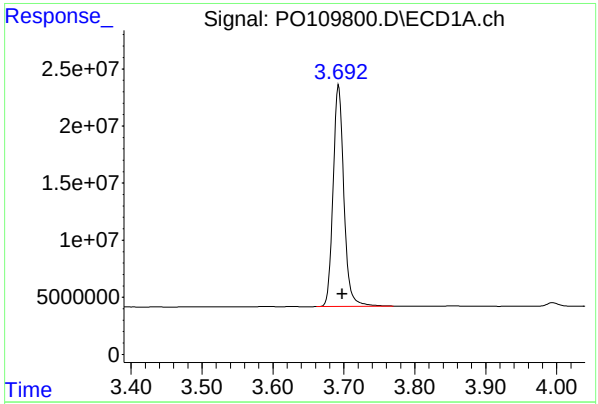
Instrument :
ECD_O
ClientSampleId :
PB167066BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 21:37:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



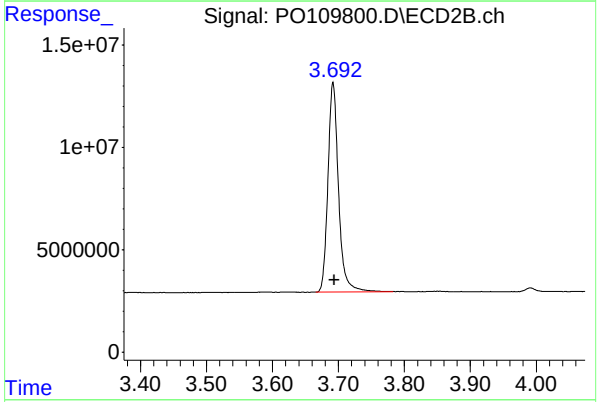




#1 Tetrachloro-m-xylene

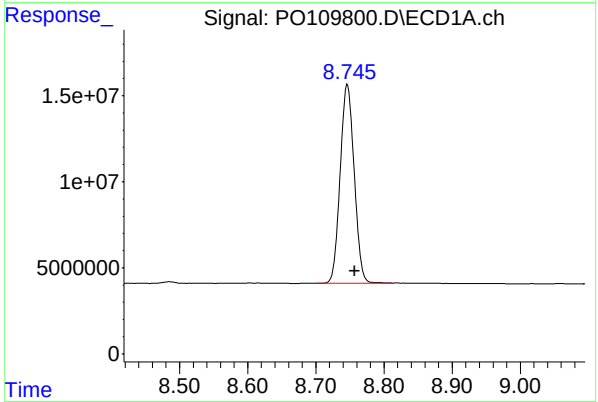
R.T.: 3.693 min
Delta R.T.: -0.005 min
Response: 204577523
Conc: 21.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB167066BL



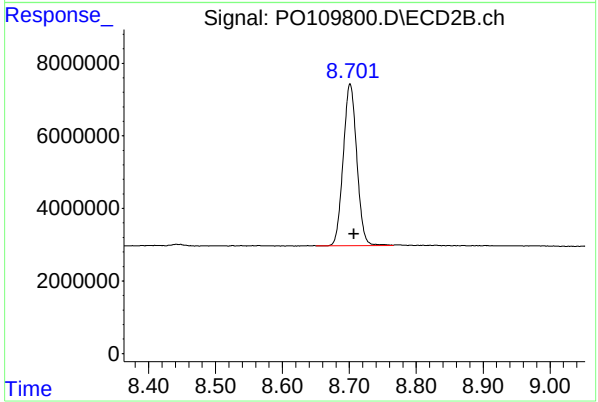
#1 Tetrachloro-m-xylene

R.T.: 3.692 min
Delta R.T.: -0.002 min
Response: 114581467
Conc: 21.89 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.746 min
Delta R.T.: -0.010 min
Response: 164769754
Conc: 19.16 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.701 min
Delta R.T.: -0.006 min
Response: 62822866
Conc: 19.73 ng/ml

Raw Data: **PO109425.D**

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	02/20/25
Project:	NJ Waste Water PT	Date Received:	02/20/25
Client Sample ID:	PIBLK-PO109425.D	SDG No.:	Q1502
Lab Sample ID:	I.BLK-PO109425.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
PO109425.D	1		02/20/25	PO022025

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	24.1		60 - 140	121%	SPK: 20
2051-24-3	Decachlorobiphenyl	25.3		60 - 140	126%	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: **PO109425.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109425.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 16:28
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: Feb 21 04:42:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.697	3.694	239.0E6	126.2E6	25.246	24.105
2)	SA Decachlor...	8.755	8.707	217.3E6	81112838	25.266	25.473
	Target Compounds						

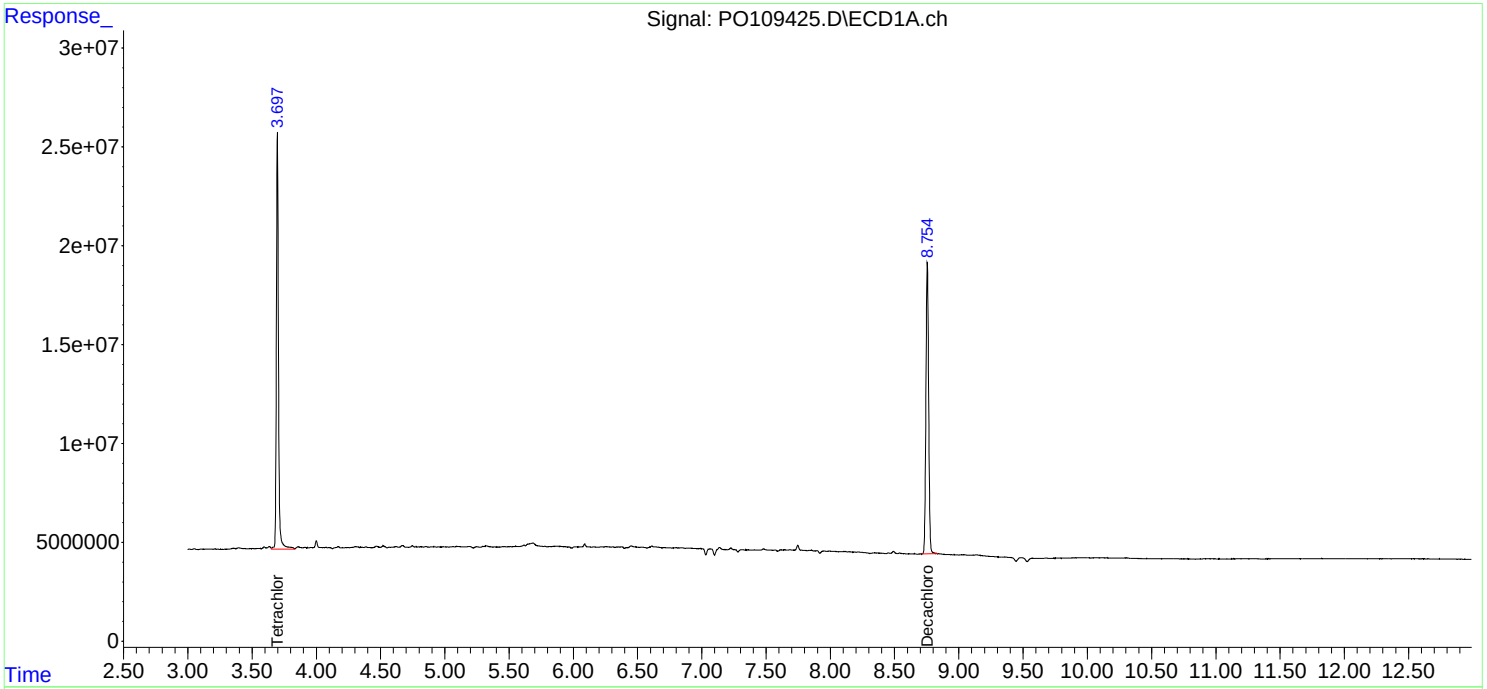
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

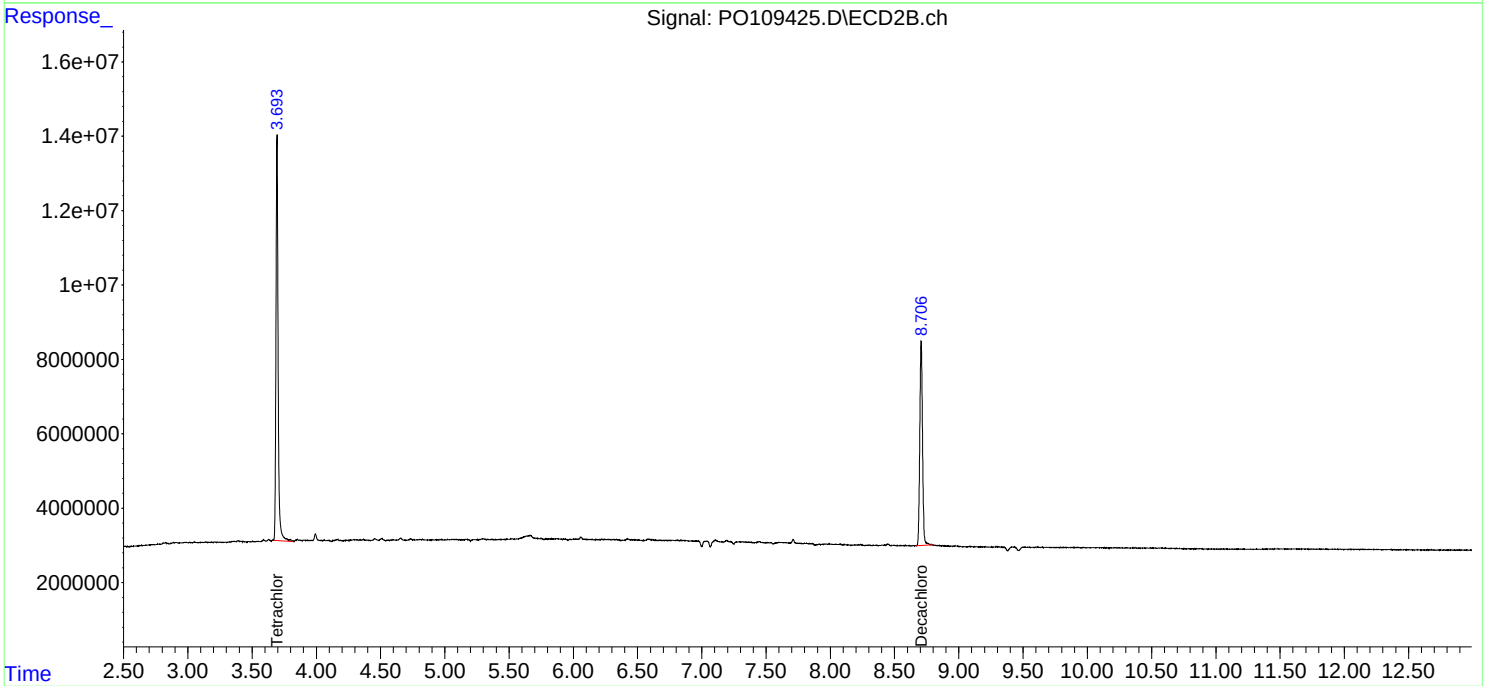
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109425.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 16:28
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

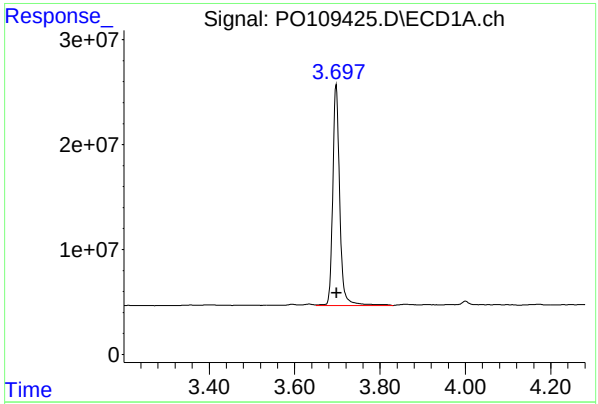
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:42:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



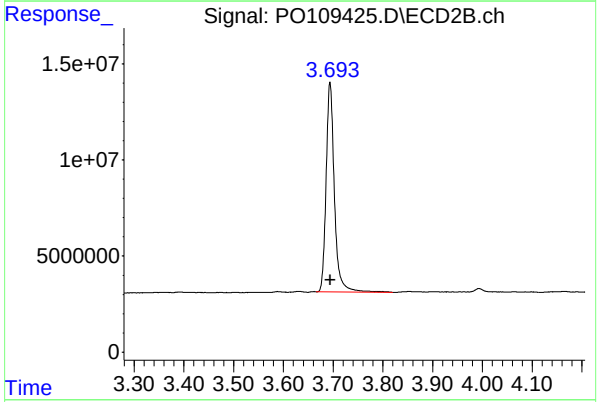




#1 Tetrachloro-m-xylene

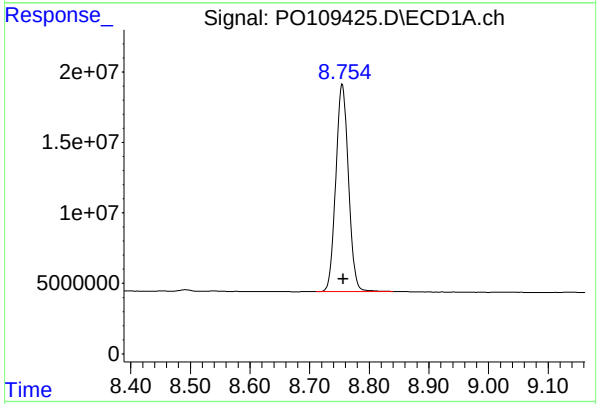
R.T.: 3.697 min
Delta R.T.: 0.000 min
Response: 238952889
Conc: 25.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



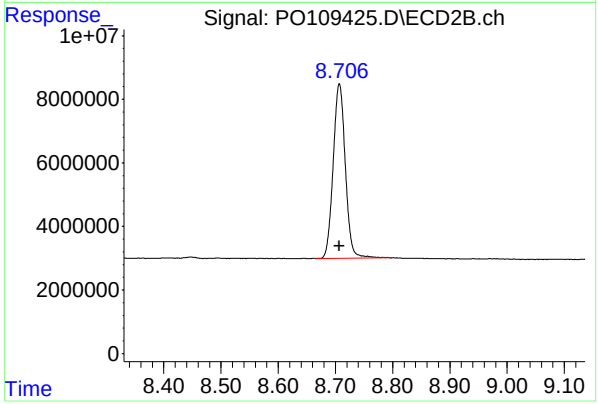
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 126170966
Conc: 24.11 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.002 min
Response: 217333363
Conc: 25.27 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.707 min
Delta R.T.: 0.000 min
Response: 81112838
Conc: 25.47 ng/ml

Raw Data: **PO109794.D**

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	03/11/25
Project:	NJ Waste Water PT	Date Received:	03/11/25
Client Sample ID:	PIBLK-PO109794.D	SDG No.:	Q1502
Lab Sample ID:	I.BLK-PO109794.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
PO109794.D	1		03/11/25	PO031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.3		60 - 140	111%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.9		60 - 140	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

Quantitation Report (QT Reviewed)

Sample Results: **PO109794.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO031125\
Data File : PO109794.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 18:28
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: Mar 11 21:35:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.695	3.693	210.8E6	120.2E6	22.272	22.960
2)	SA Decachlor...	8.752	8.703	162.8E6	64163163	18.927	20.150
	Target Compounds						

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

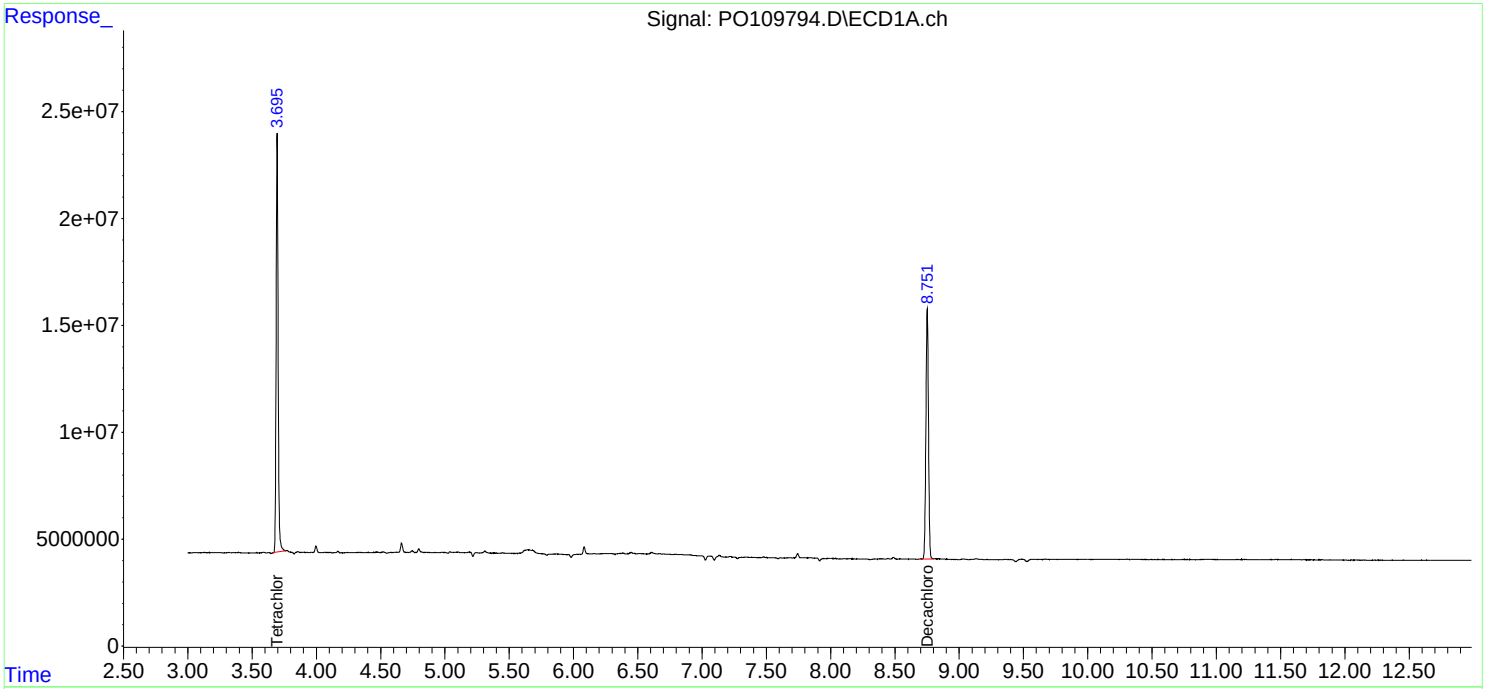
Sample Results: **PO109794.D**

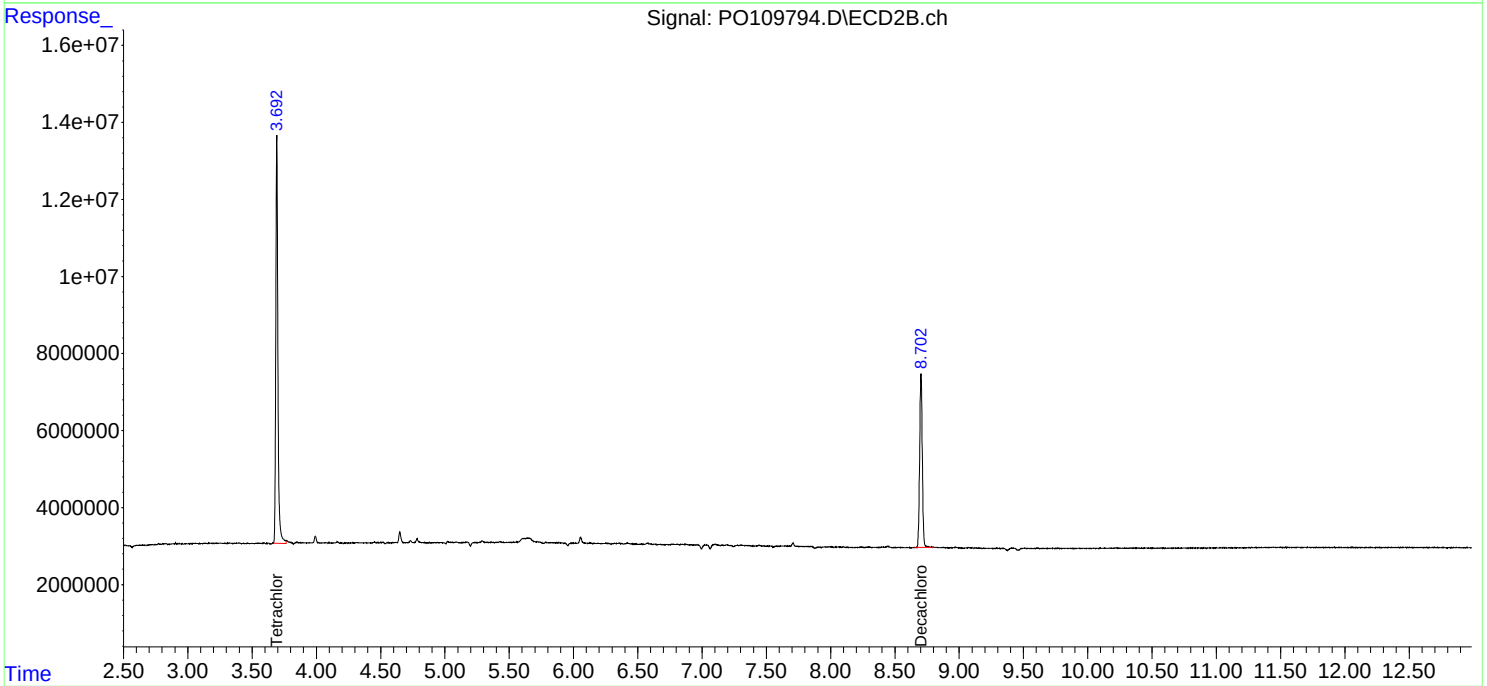
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO031125\
Data File : PO109794.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 18:28
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

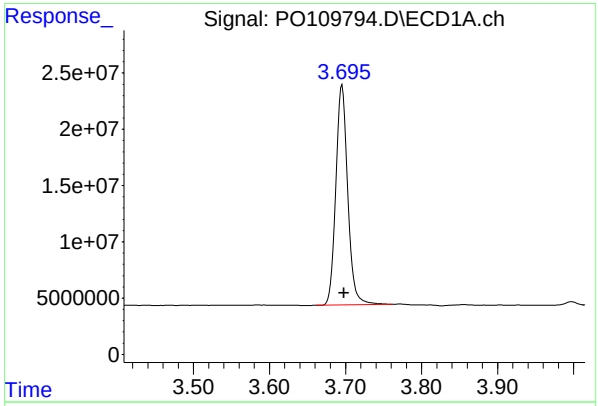
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 21:35:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



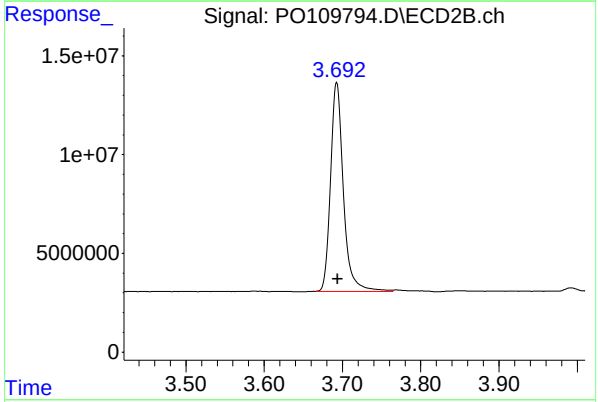




#1 Tetrachloro-m-xylene

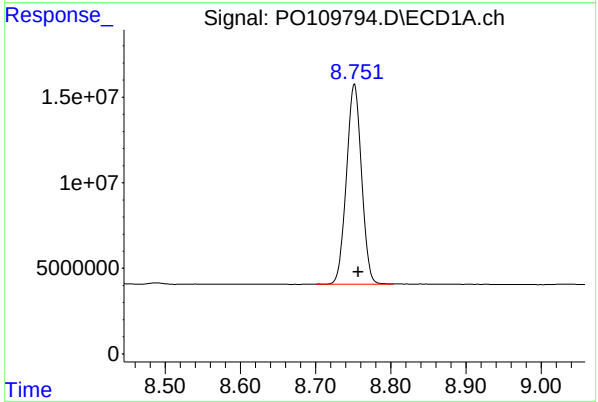
R.T.: 3.695 min
Delta R.T.: -0.003 min
Response: 210806210
Conc: 22.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



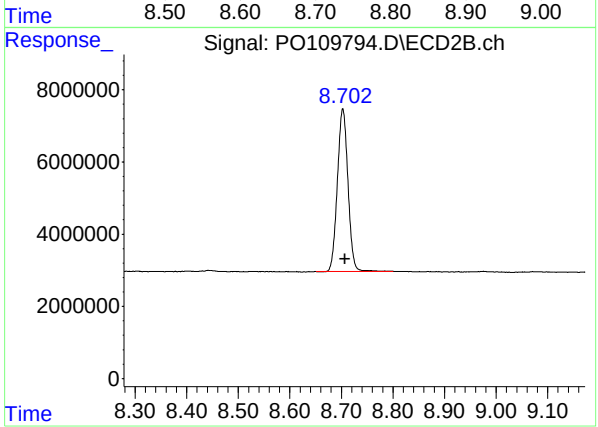
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: -0.001 min
Response: 120176287
Conc: 22.96 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.752 min
Delta R.T.: -0.005 min
Response: 162808732
Conc: 18.93 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.703 min
Delta R.T.: -0.004 min
Response: 64163163
Conc: 20.15 ng/ml

Raw Data: **PO109809.D**

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	03/11/25
Project:	NJ Waste Water PT	Date Received:	03/11/25
Client Sample ID:	PIBLK-PO109809.D	SDG No.:	Q1502
Lab Sample ID:	I.BLK-PO109809.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
PO109809.D	1		03/11/25	PO031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.2		60 - 140	111%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.9		60 - 140	99%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO031125\
Data File : PO109809.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 23:01
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: Mar 12 00:00:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.695	3.693	210.1E6	119.0E6	22.198	22.737
2)	SA Decachlor...	8.752	8.702	171.0E6	66291536	19.884	20.819
	Target Compounds						

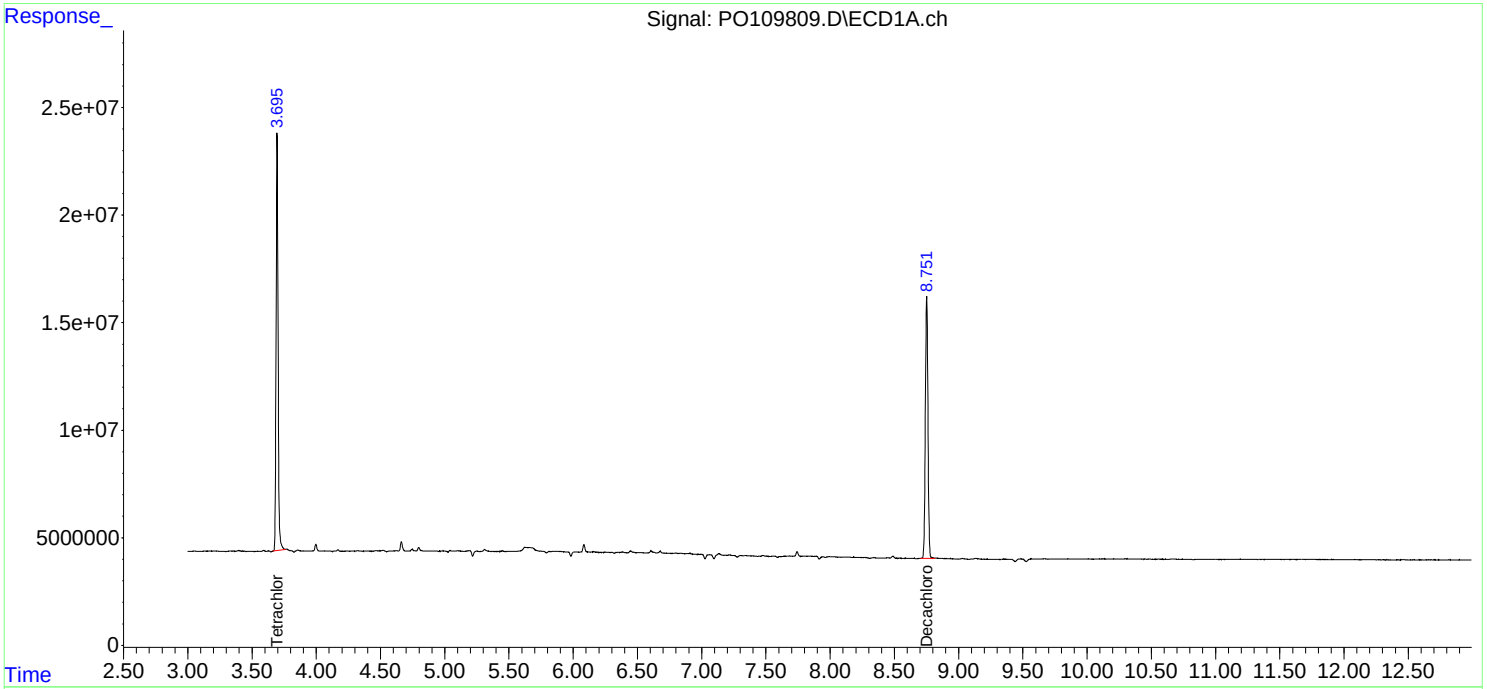
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

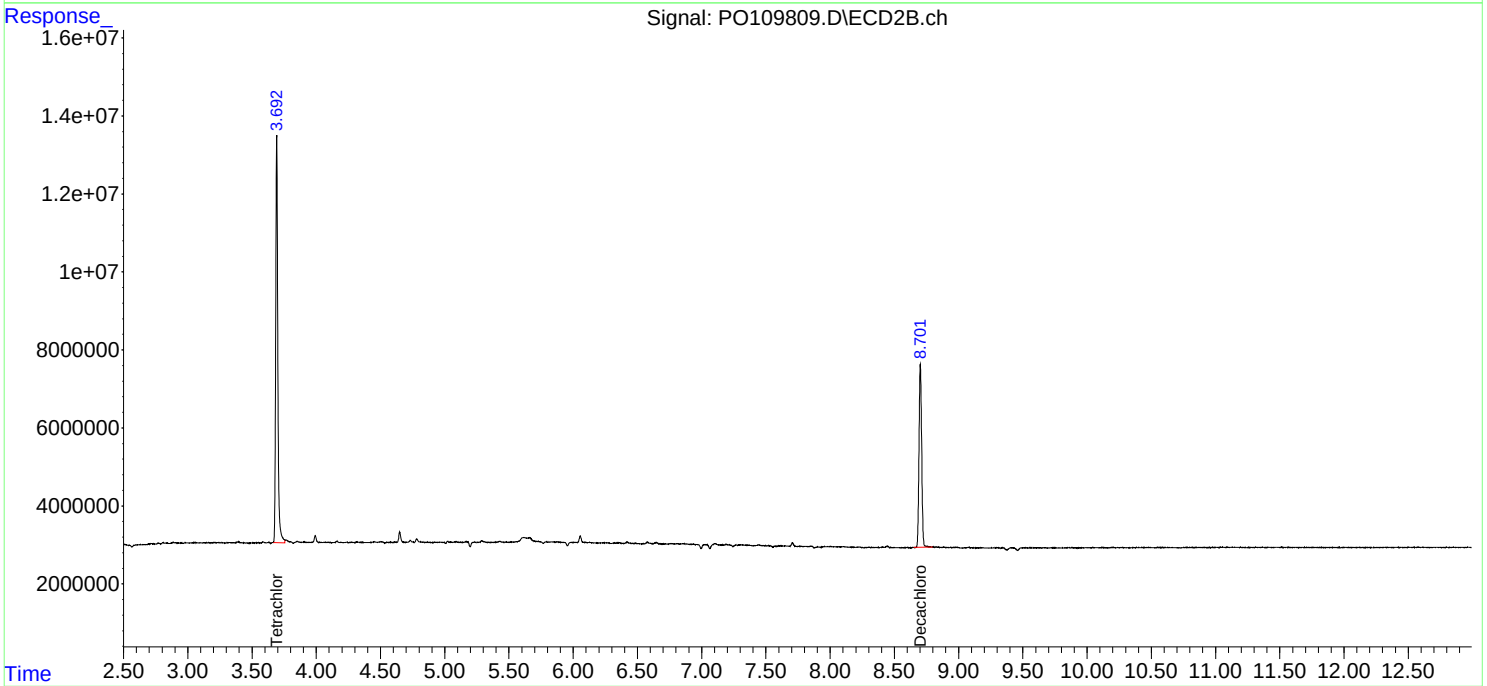
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO031125\
Data File : PO109809.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 23:01
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

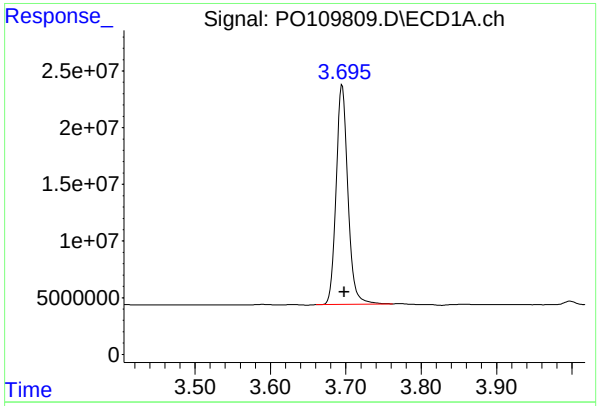
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 00:00:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



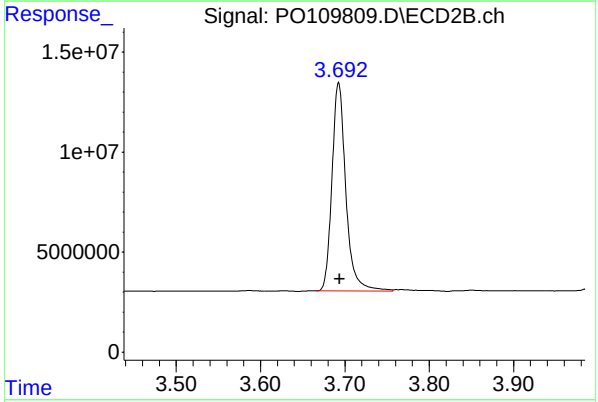




#1 Tetrachloro-m-xylene

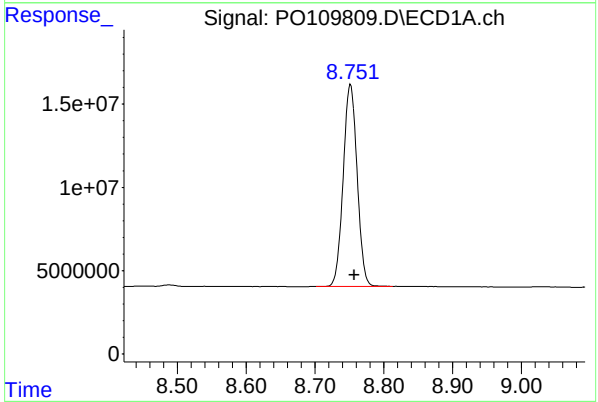
R.T.: 3.695 min
Delta R.T.: -0.003 min
Response: 210105924
Conc: 22.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



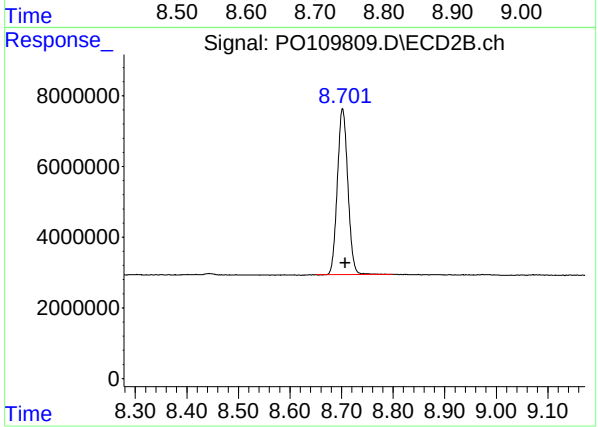
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: -0.001 min
Response: 119009897
Conc: 22.74 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.752 min
Delta R.T.: -0.005 min
Response: 171043318
Conc: 19.88 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.702 min
Delta R.T.: -0.005 min
Response: 66291536
Conc: 20.82 ng/ml

Raw Data: **PP070418.D**

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	03/11/25
Project:	NJ Waste Water PT	Date Received:	03/11/25
Client Sample ID:	PIBLK-PP070418.D	SDG No.:	Q1502
Lab Sample ID:	I.BLK-PP070418.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
PP070418.D	1		03/11/25	pp031125

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	22.0		60 - 140	110%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.1		60 - 140	116%	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\PP031125\
Data File : PP070418.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 14:57
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: Mar 12 03:02:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 12 02:42:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.526	3.828	34285116	23007566	22.043	22.955
2)	SA Decachlor...	10.252	8.880	24539341	22949882	23.099	23.457
	Target Compounds						

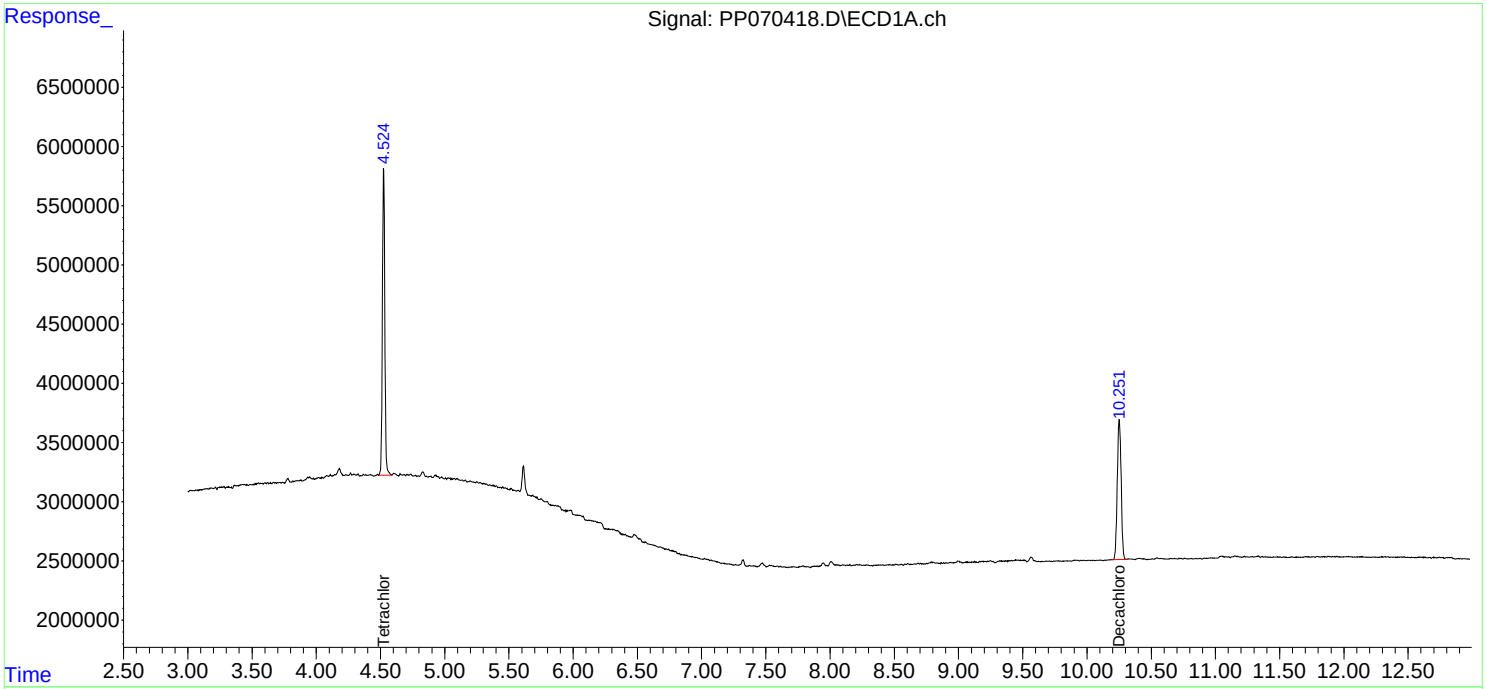
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

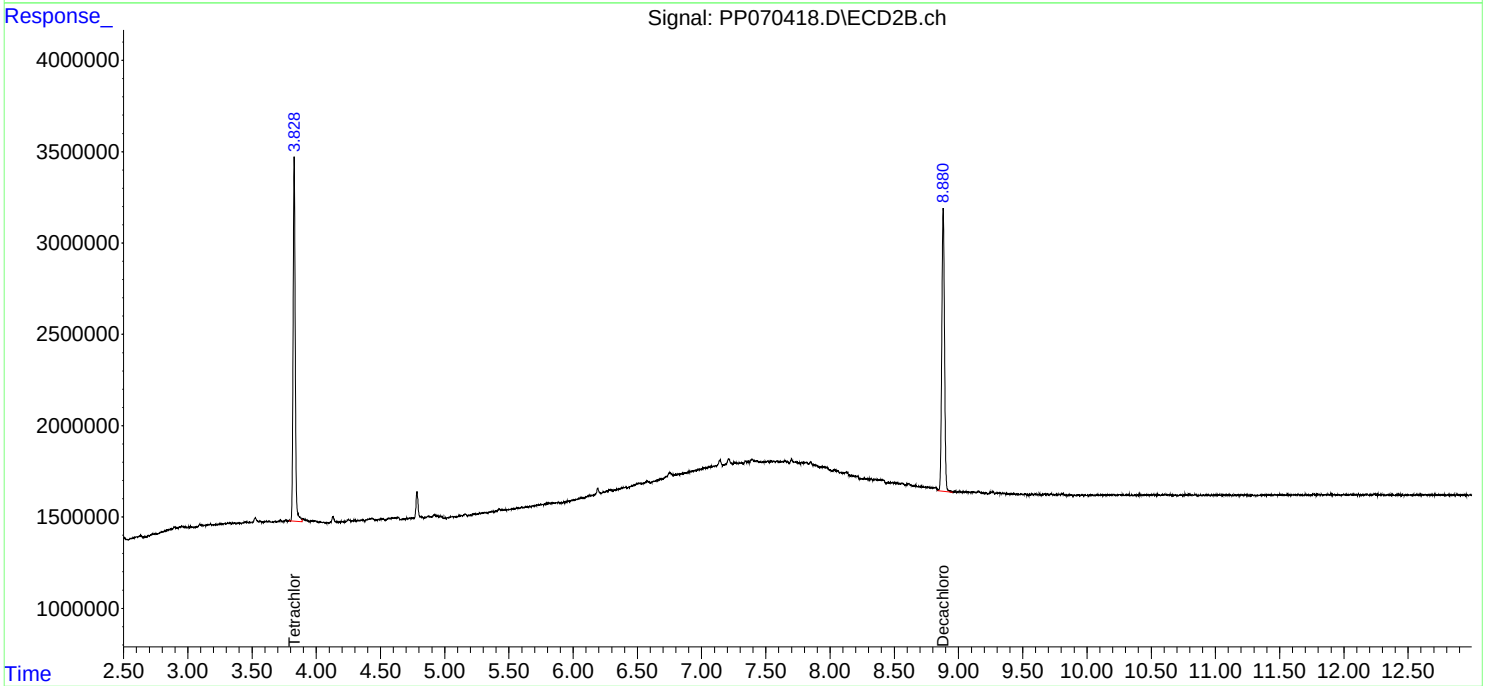
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070418.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 14:57
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

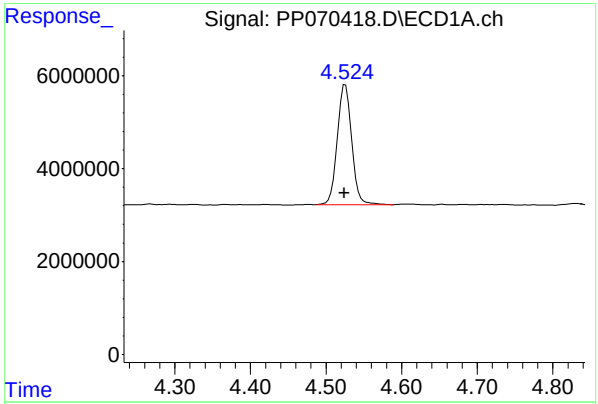
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 03:02:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 12 02:42:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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



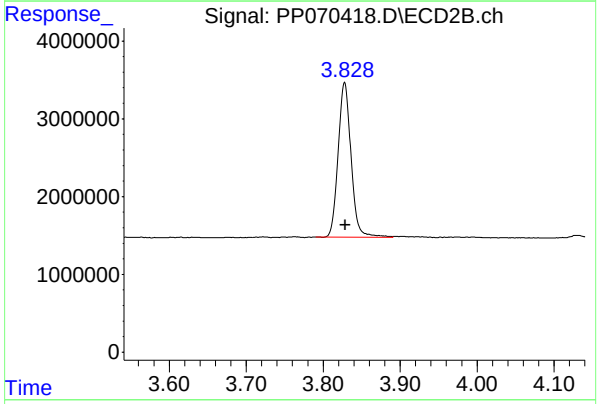




#1 Tetrachloro-m-xylene

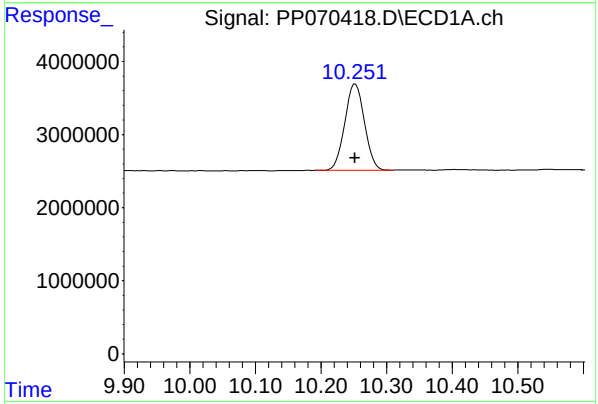
R.T.: 4.526 min
Delta R.T.: 0.002 mi
Response: 34285116
Conc: 22.04 ng/m

Instrument :
ECD_P
ClientSampleId :
I.BLK



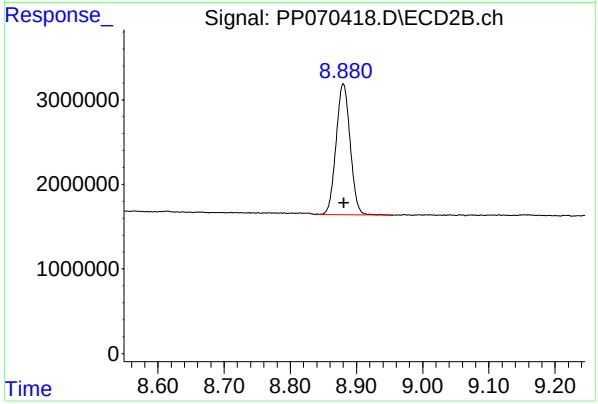
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 23007566
Conc: 22.96 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: 0.000 min
Response: 24539341
Conc: 23.10 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.880 min
Delta R.T.: -0.001 min
Response: 22949882
Conc: 23.46 ng/ml

Raw Data: **PP070460.D**

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	03/12/25
Project:	NJ Waste Water PT	Date Received:	03/12/25
Client Sample ID:	PIBLK-PP070460.D	SDG No.:	Q1502
Lab Sample ID:	I.BLK-PP070460.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
PP070460.D	1		03/12/25	pp031125

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	21.9		60 - 140	110%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.5		60 - 140	117%	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\PP031125\
Data File : PP070460.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 02:21
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: Mar 12 02:49:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 12 02:42:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.524	3.826	34131488	22462977	21.944	22.412
2)	SA Decachlor...	10.250	8.878	24950355	23925646	23.486	24.455
	Target Compounds						

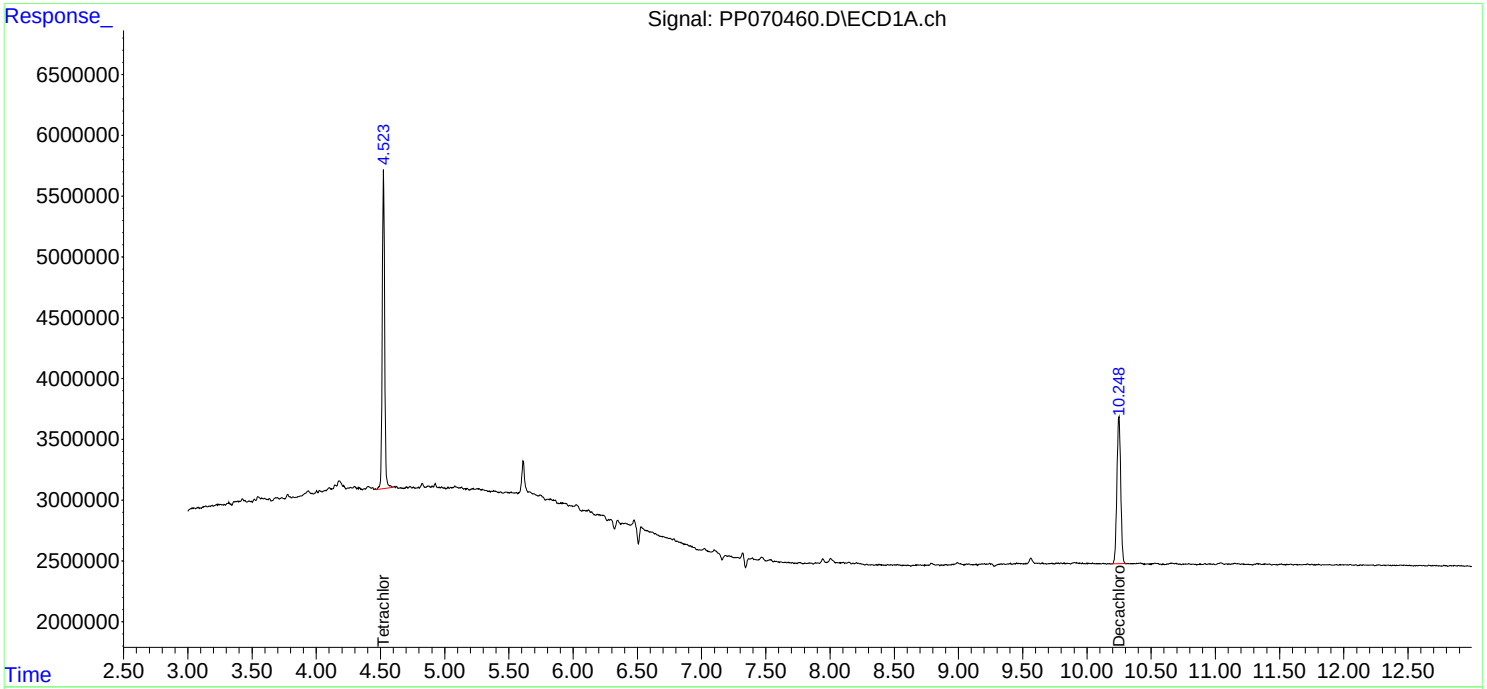
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

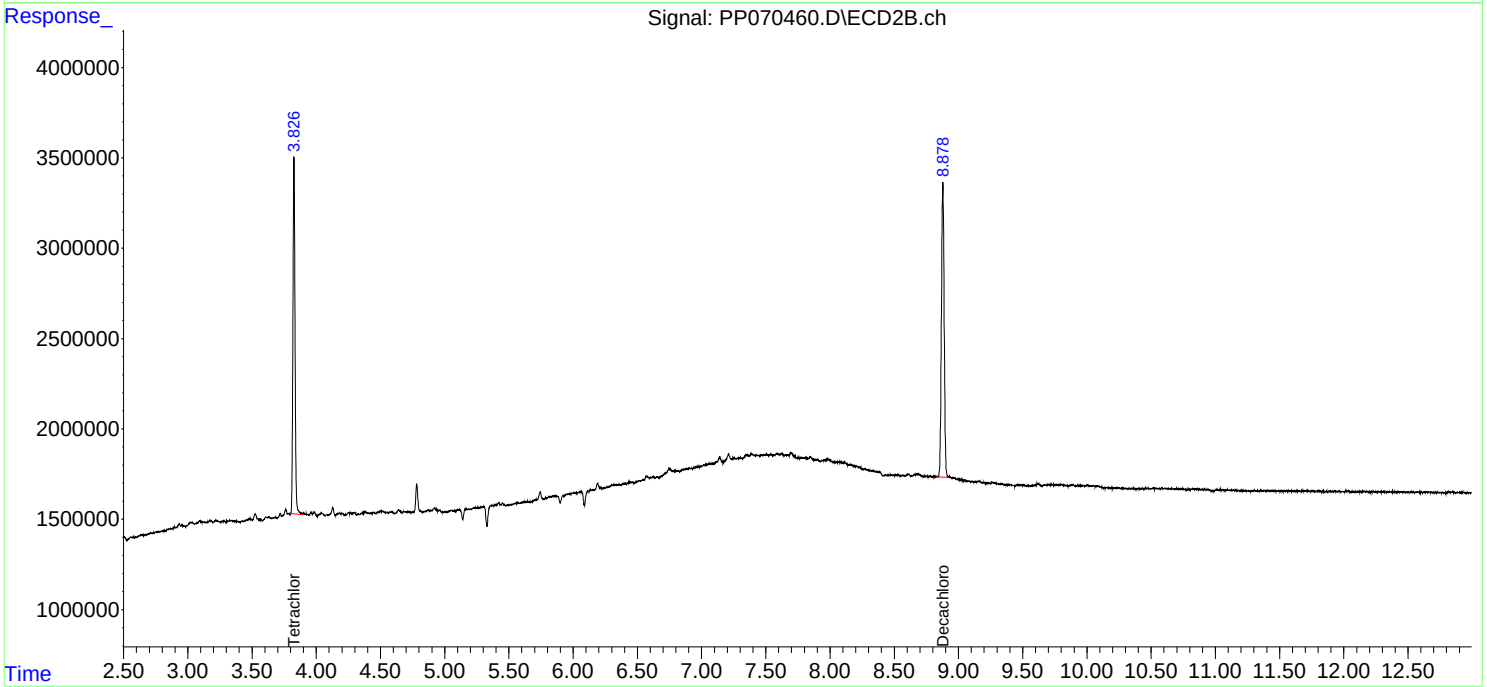
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070460.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 02:21
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

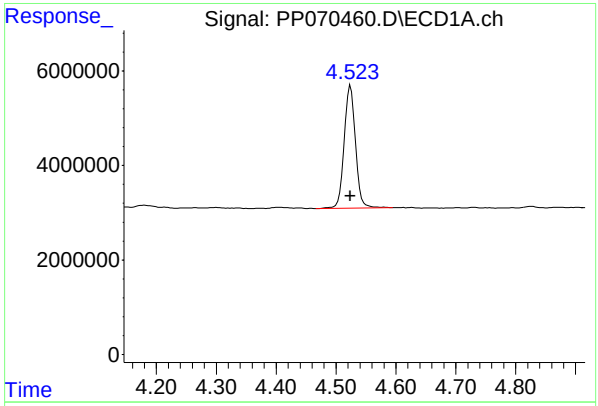
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 02:49:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 12 02:42:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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



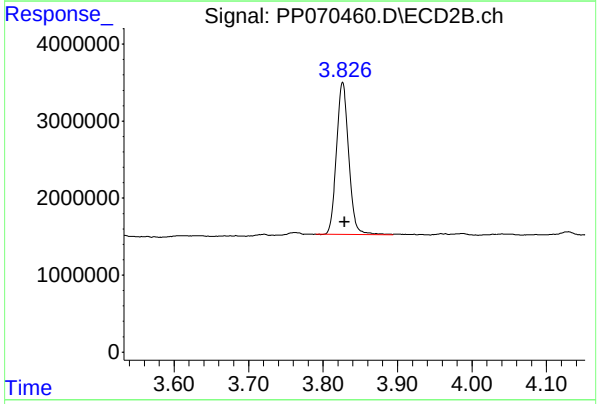




#1 Tetrachloro-m-xylene

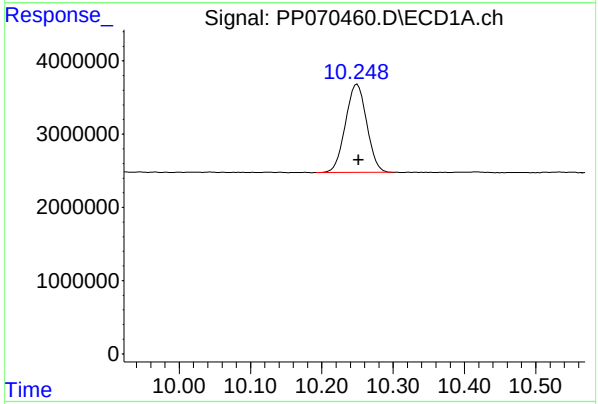
R.T.: 4.524 min
Delta R.T.: 0.000 mi
Response: 34131488
Conc: 21.94 ng/m

Instrument :
ECD_P
ClientSampleId :
I.BLK



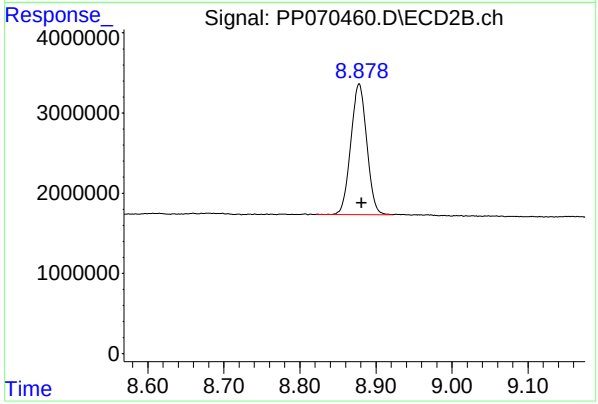
#1 Tetrachloro-m-xylene

R.T.: 3.826 min
Delta R.T.: -0.002 min
Response: 22462977
Conc: 22.41 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.002 min
Response: 24950355
Conc: 23.49 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.878 min
Delta R.T.: -0.003 min
Response: 23925646
Conc: 24.45 ng/ml

Raw Data: **PP070466.D**

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	03/12/25
Project:	NJ Waste Water PT	Date Received:	03/12/25
Client Sample ID:	PIBLK-PP070466.D	SDG No.:	Q1502
Lab Sample ID:	I.BLK-PP070466.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
PP070466.D	1		03/12/25	pp031125

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	22.0		60 - 140	110%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.4		60 - 140	117%	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: **PP070466.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070466.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 03:58
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: Mar 12 04:25:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 12 02:42:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.521	3.826	34172781	22090068	21.971	22.040
2)	SA Decachlor...	10.245	8.877	25032259	22927402	23.563	23.434
	Target Compounds						

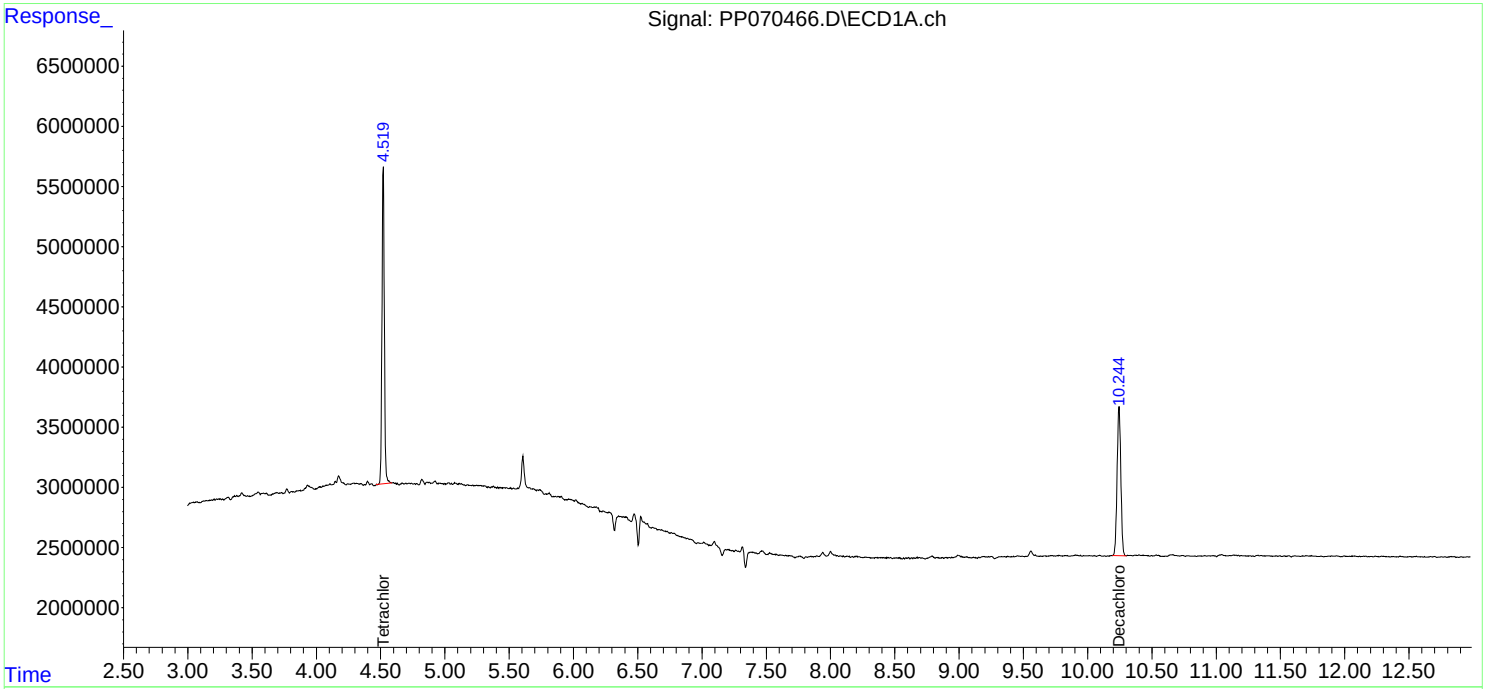
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

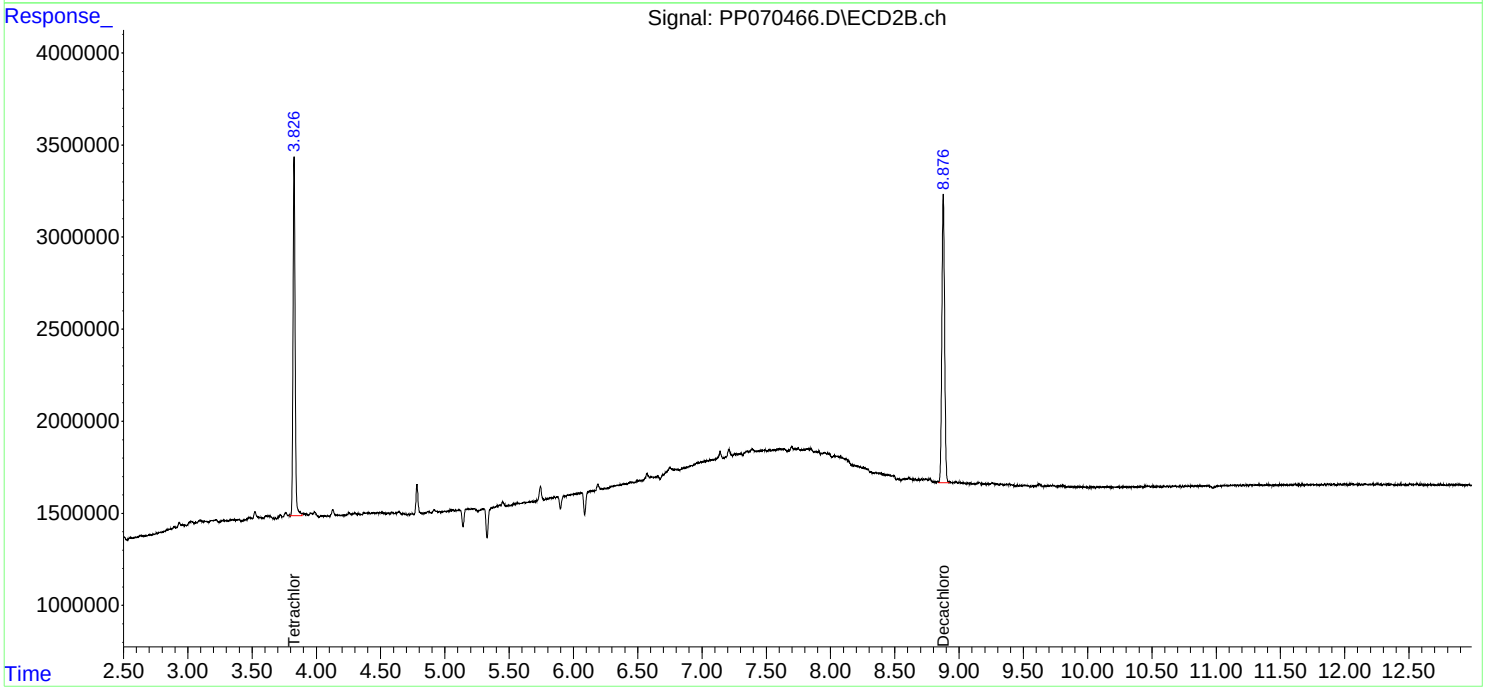
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\
Data File : PP070466.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 03:58
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

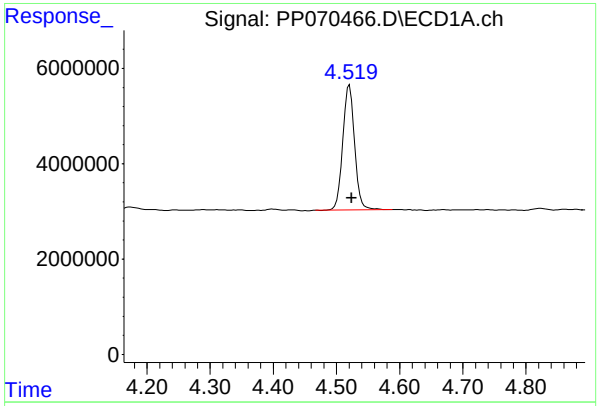
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 04:25:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 12 02:42:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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



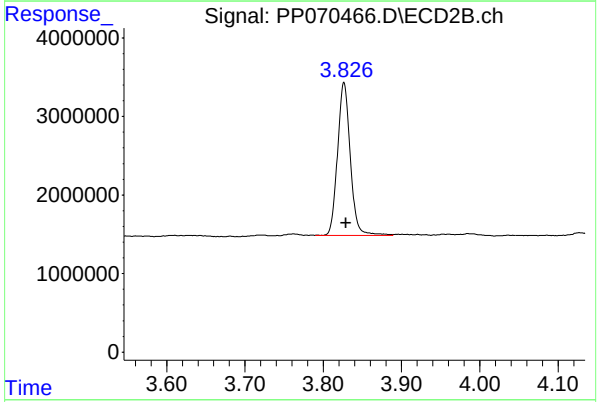




#1 Tetrachloro-m-xylene

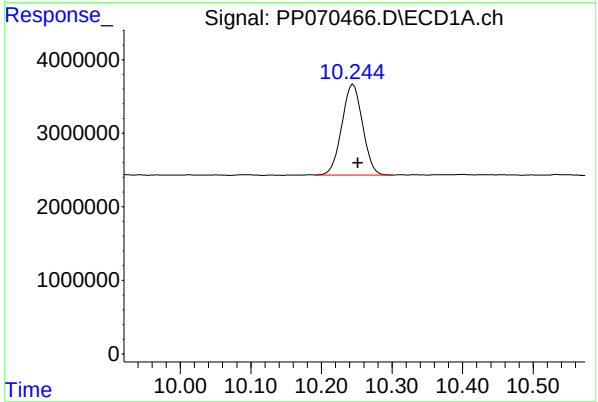
R.T.: 4.521 min
Delta R.T.: -0.003 min
Response: 34172781
Conc: 21.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



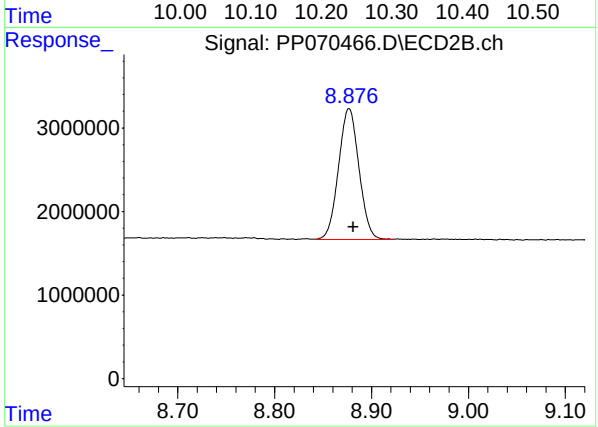
#1 Tetrachloro-m-xylene

R.T.: 3.826 min
Delta R.T.: -0.002 min
Response: 22090068
Conc: 22.04 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.245 min
Delta R.T.: -0.007 min
Response: 25032259
Conc: 23.56 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.877 min
Delta R.T.: -0.004 min
Response: 22927402
Conc: 23.43 ng/ml

Raw Data: **PO109801.D**

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	
Project:	NJ Waste Water PT	Date Received:	
Client Sample ID:	PB167066BS	SDG No.:	Q1502
Lab Sample ID:	PB167066BS	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 :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109801.D	1	03/11/25 08:35	03/11/25 20:36	PB167066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	5.00		0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
11096-82-5	Aroclor-1260	4.70		0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.2		16 - 158	106%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.5		10 - 173	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO031125\
Data File : PO109801.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 20:36
Operator : YP/AJ
Sample : PB167066BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB167066BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 21:37:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.695	3.693	200.0E6	111.0E6	21.125	21.205
2)	SA Decachlor...	8.749	8.702	171.1E6	65369560	19.895	20.529
	Target Compounds						
3)	L1 AR-1016-1	4.788	4.776	151.3E6	78933808	490.663	505.433
4)	L1 AR-1016-2	4.808	4.795	211.0E6	112.5E6	501.131	519.716
5)	L1 AR-1016-3	4.864	4.971	146.4E6	61615524	494.850	515.822
6)	L1 AR-1016-4	4.985	5.012	114.8E6	51024952	495.497	490.292
7)	L1 AR-1016-5	5.242	5.225	121.4E6	65769870	469.971	482.702
31)	L7 AR-1260-1	6.284	6.258	229.5E6	118.8E6	492.245	501.253
32)	L7 AR-1260-2	6.472	6.445	276.1E6	137.7E6	488.492	500.483
33)	L7 AR-1260-3	6.840	6.598	194.8E6	127.1E6	409.562	498.295
34)	L7 AR-1260-4	7.100	7.070	184.0E6	88619929	426.406	429.793
35)	L7 AR-1260-5	7.342	7.311	433.8E6	196.4E6	436.519	438.639

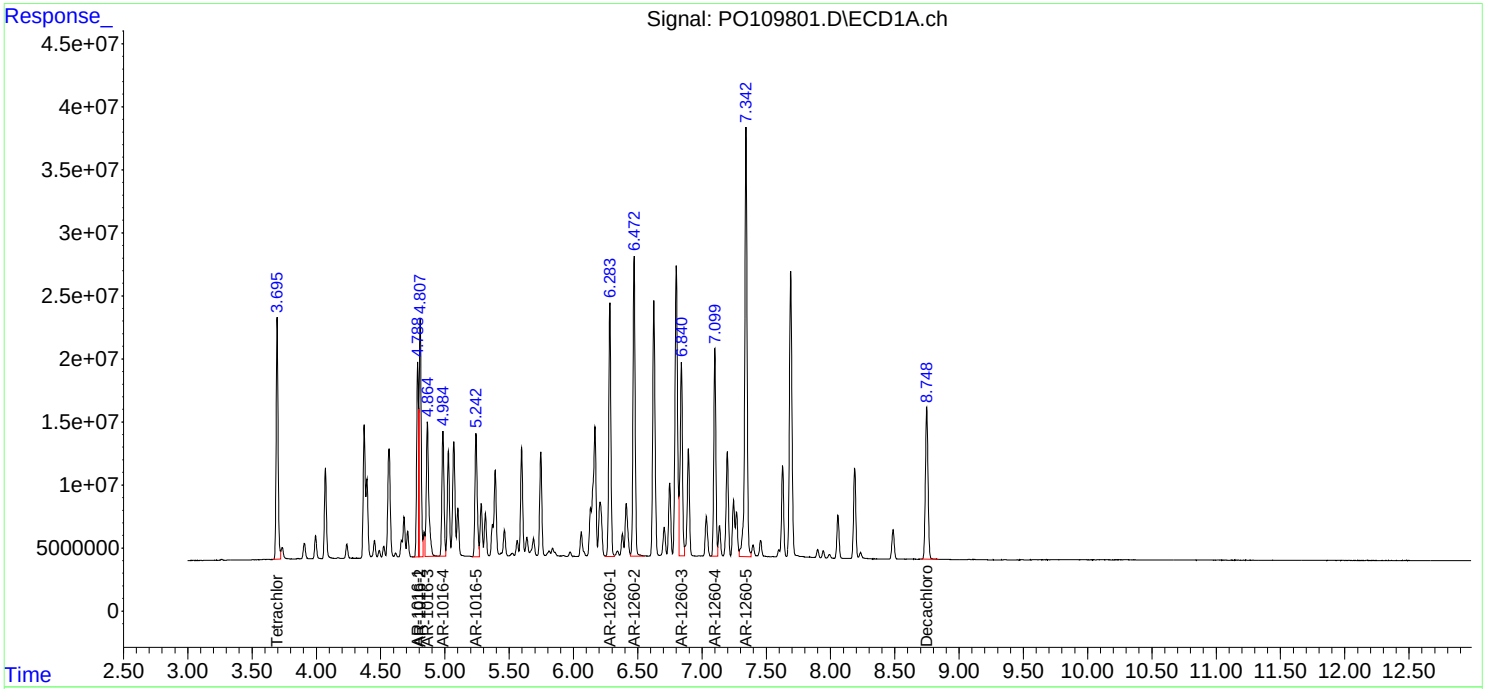
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

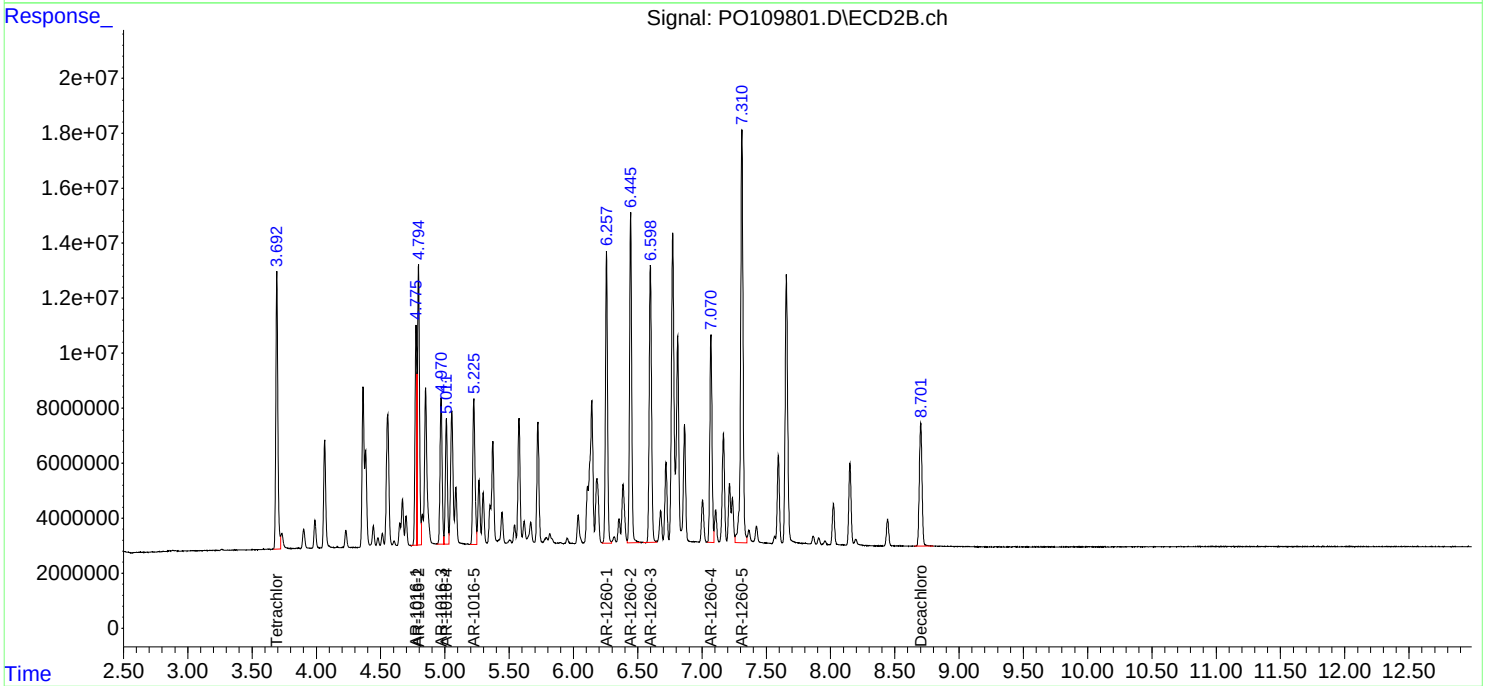
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO031125\
Data File : PO109801.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 20:36
Operator : YP/AJ
Sample : PB167066BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

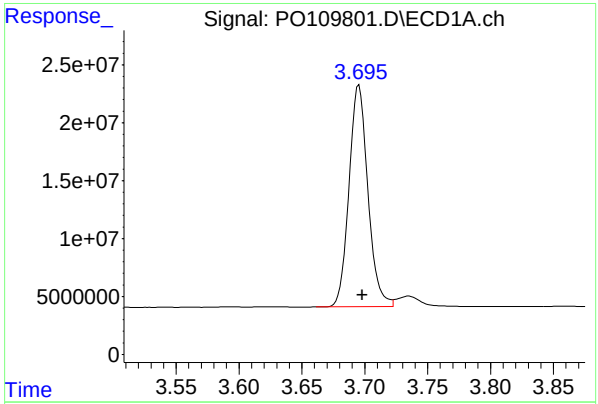
Instrument :
ECD_O
ClientSampleId :
PB167066BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 21:37:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



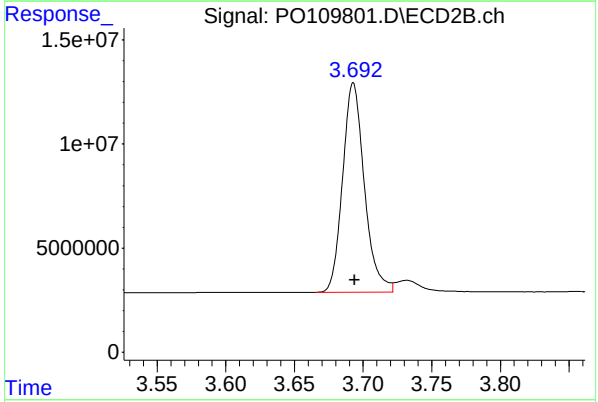




#1 Tetrachloro-m-xylene

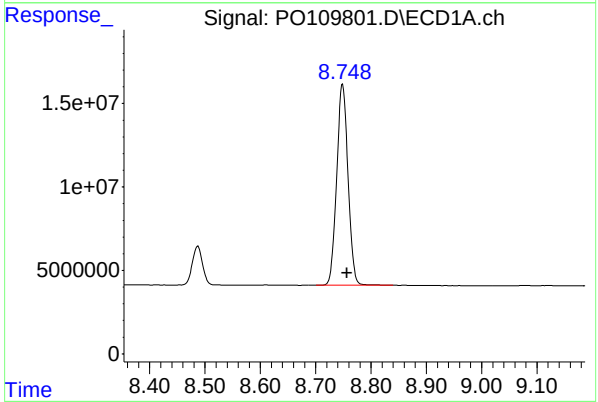
R.T.: 3.695 min
Delta R.T.: -0.003 min
Response: 199954055
Conc: 21.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB167066BS



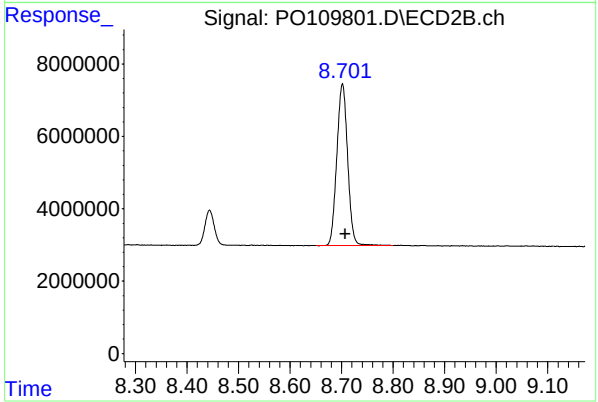
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 110993430
Conc: 21.21 ng/ml



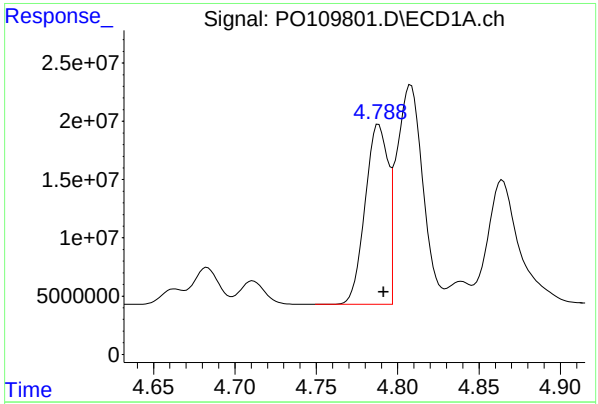
#2 Decachlorobiphenyl

R.T.: 8.749 min
Delta R.T.: -0.008 min
Response: 171129741
Conc: 19.89 ng/ml



#2 Decachlorobiphenyl

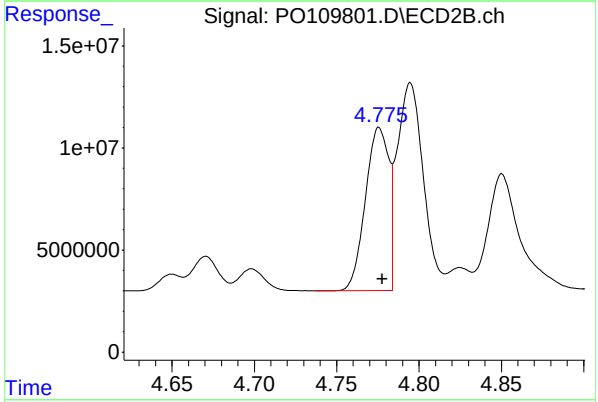
R.T.: 8.702 min
Delta R.T.: -0.005 min
Response: 65369560
Conc: 20.53 ng/ml



#3 AR-1016-1

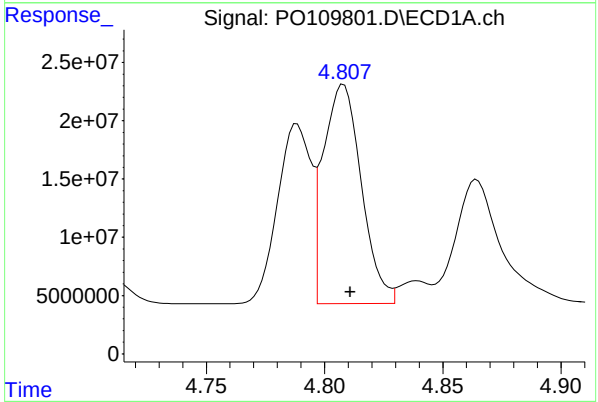
R.T.: 4.788 min
Delta R.T.: -0.003 min
Response: 151266685
Conc: 490.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB167066BS



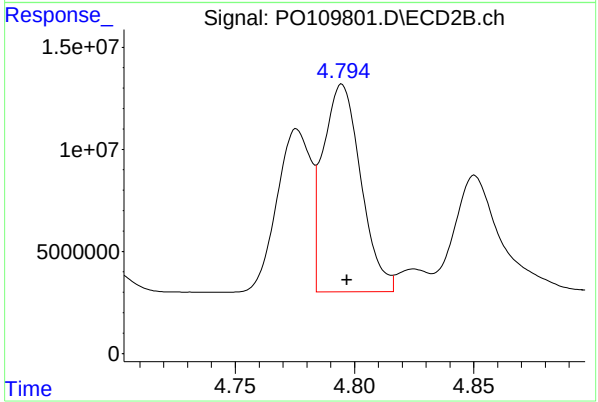
#3 AR-1016-1

R.T.: 4.776 min
Delta R.T.: -0.002 min
Response: 78933808
Conc: 505.43 ng/ml



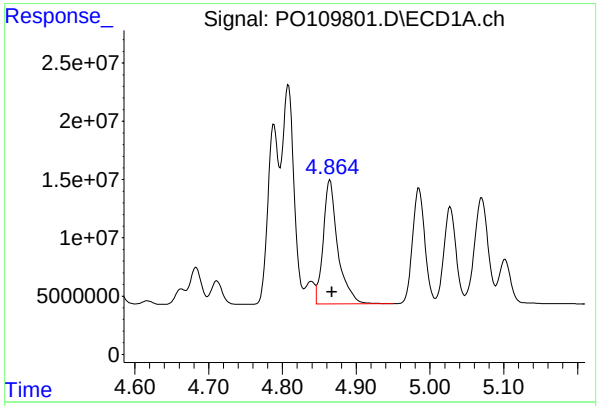
#4 AR-1016-2

R.T.: 4.808 min
Delta R.T.: -0.003 min
Response: 210989470
Conc: 501.13 ng/ml



#4 AR-1016-2

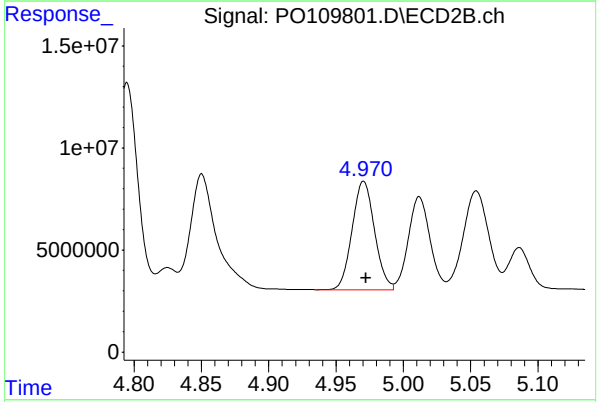
R.T.: 4.795 min
Delta R.T.: -0.002 min
Response: 112484184
Conc: 519.72 ng/ml



#5 AR-1016-3

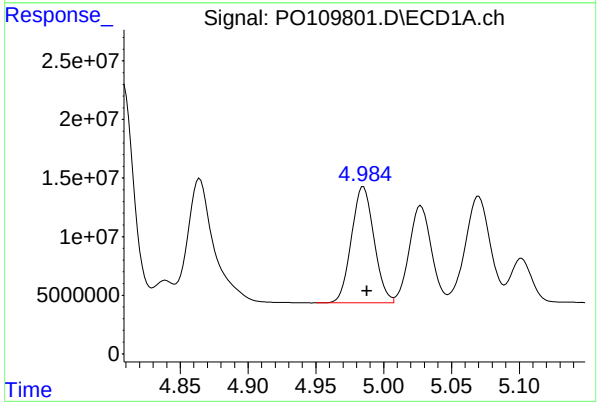
R.T.: 4.864 min
Delta R.T.: -0.003 min
Response: 146384911
Conc: 494.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB167066BS



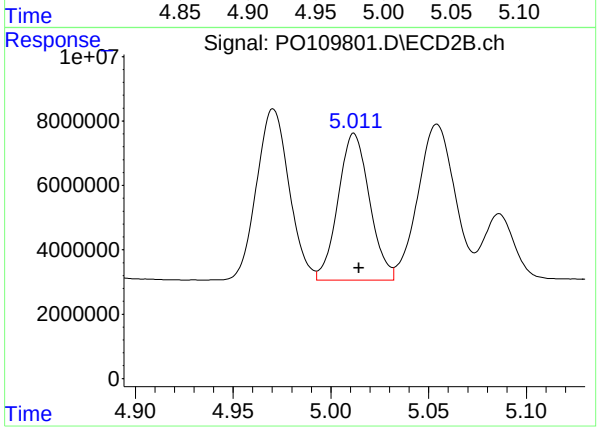
#5 AR-1016-3

R.T.: 4.971 min
Delta R.T.: -0.002 min
Response: 61615524
Conc: 515.82 ng/ml



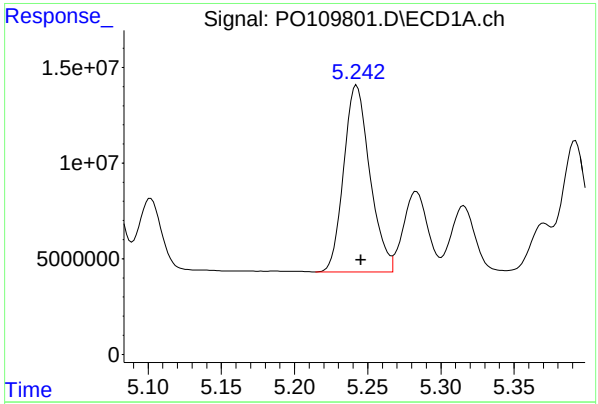
#6 AR-1016-4

R.T.: 4.985 min
Delta R.T.: -0.003 min
Response: 114846273
Conc: 495.50 ng/ml



#6 AR-1016-4

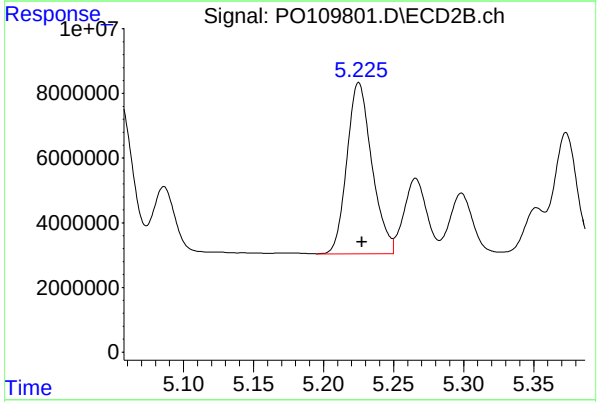
R.T.: 5.012 min
Delta R.T.: -0.002 min
Response: 51024952
Conc: 490.29 ng/ml



#7 AR-1016-5

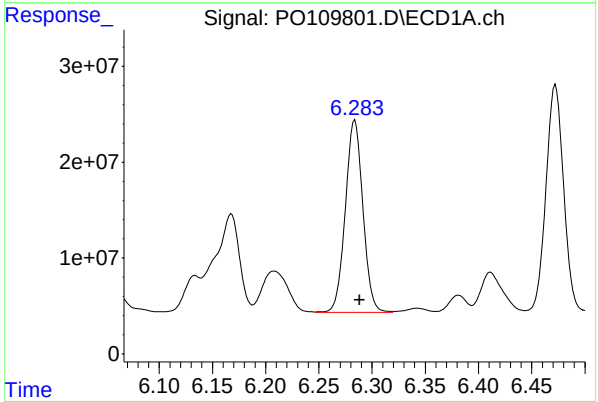
R.T.: 5.242 min
Delta R.T.: -0.003 min
Response: 121360674
Conc: 469.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB167066BS



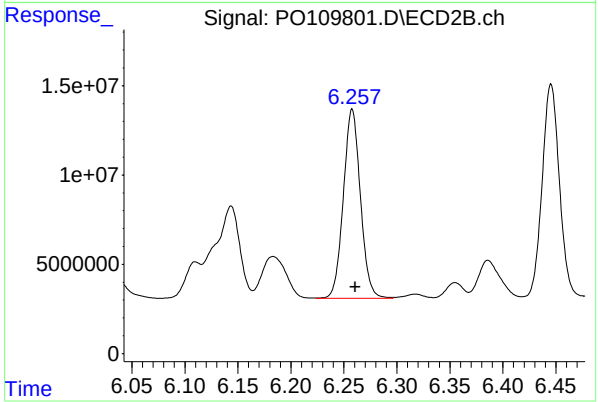
#7 AR-1016-5

R.T.: 5.225 min
Delta R.T.: -0.002 min
Response: 65769870
Conc: 482.70 ng/ml



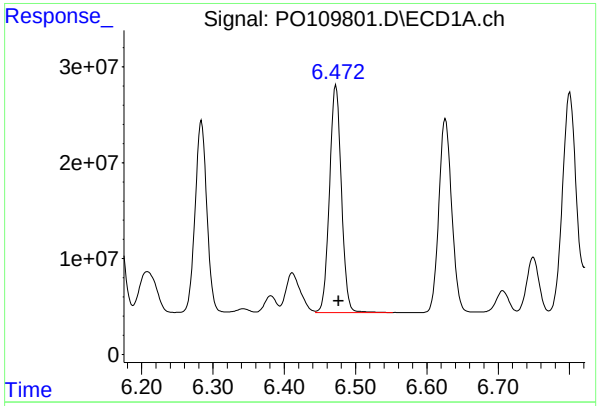
#31 AR-1260-1

R.T.: 6.284 min
Delta R.T.: -0.005 min
Response: 229450888
Conc: 492.25 ng/ml



#31 AR-1260-1

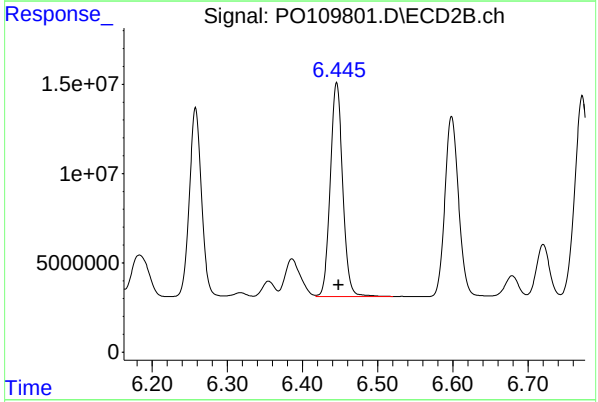
R.T.: 6.258 min
Delta R.T.: -0.003 min
Response: 118756608
Conc: 501.25 ng/ml



#32 AR-1260-2

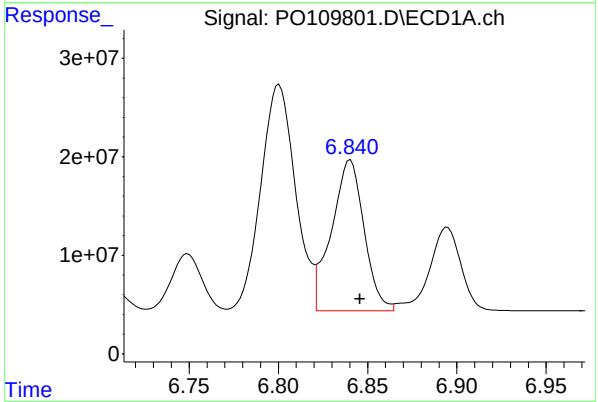
R.T.: 6.472 min
Delta R.T.: -0.004 min
Response: 276055701
Conc: 488.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB167066BS



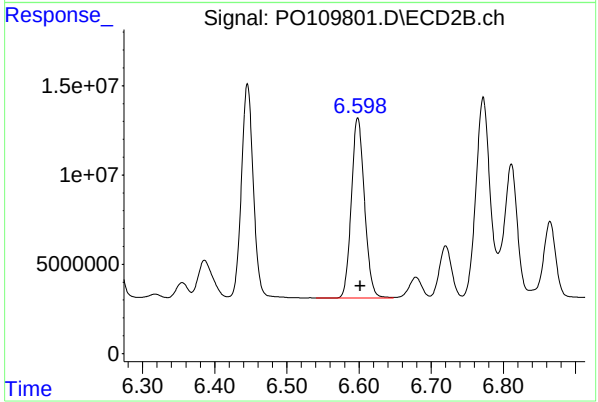
#32 AR-1260-2

R.T.: 6.445 min
Delta R.T.: -0.003 min
Response: 137718434
Conc: 500.48 ng/ml



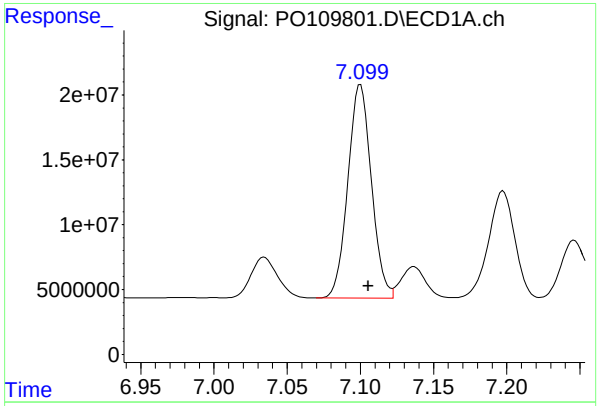
#33 AR-1260-3

R.T.: 6.840 min
Delta R.T.: -0.005 min
Response: 194812828
Conc: 409.56 ng/ml



#33 AR-1260-3

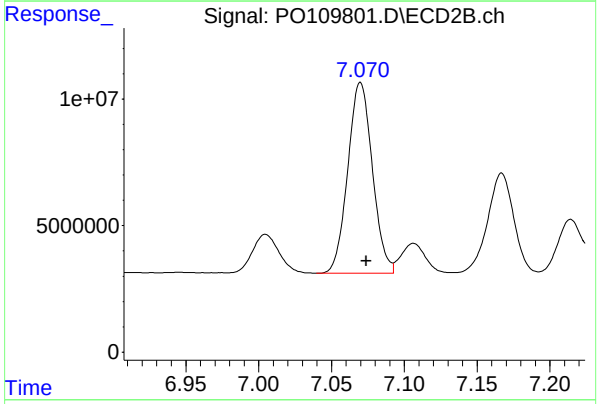
R.T.: 6.598 min
Delta R.T.: -0.003 min
Response: 127100177
Conc: 498.29 ng/ml



#34 AR-1260-4

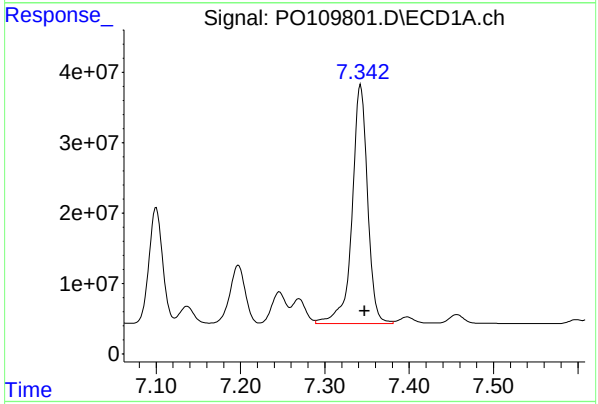
R.T.: 7.100 min
Delta R.T.: -0.005 min
Response: 184037487
Conc: 426.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB167066BS



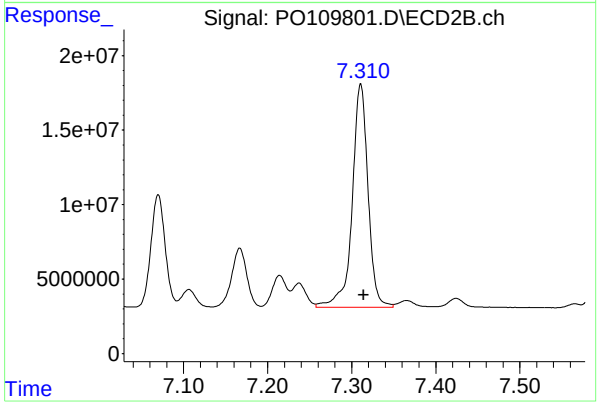
#34 AR-1260-4

R.T.: 7.070 min
Delta R.T.: -0.004 min
Response: 88619929
Conc: 429.79 ng/ml



#35 AR-1260-5

R.T.: 7.342 min
Delta R.T.: -0.005 min
Response: 433847753
Conc: 436.52 ng/ml



#35 AR-1260-5

R.T.: 7.311 min
Delta R.T.: -0.004 min
Response: 196414969
Conc: 438.64 ng/ml

Raw Data: **PO109802.D**

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	
Project:	NJ Waste Water PT	Date Received:	
Client Sample ID:	PB167066BSD	SDG No.:	Q1502
Lab Sample ID:	PB167066BSD	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 :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109802.D	1	03/11/25 08:35	03/11/25 20:55	PB167066

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	5.00		0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
11096-82-5	Aroclor-1260	4.70		0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.1		16 - 158	106%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.4		10 - 173	102%	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: **PO109802.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO031125\
Data File : PO109802.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 20:55
Operator : YP/AJ
Sample : PB167066BSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB167066BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 21:38:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.695	3.693	199.1E6	110.5E6	21.032	21.114
2)	SA Decachlor...	8.751	8.701	170.1E6	64942764	19.773	20.395
	Target Compounds						
3)	L1 AR-1016-1	4.788	4.775	152.1E6	78970393	493.527	505.668
4)	L1 AR-1016-2	4.808	4.795	208.4E6	111.9E6	495.036	517.088
5)	L1 AR-1016-3	4.864	4.970	145.6E6	61343463	492.113	513.544
6)	L1 AR-1016-4	4.985	5.012	114.3E6	51005038	493.321	490.101
7)	L1 AR-1016-5	5.242	5.225	121.0E6	65372811	468.483	479.788
31)	L7 AR-1260-1	6.284	6.258	230.0E6	119.1E6	493.361	502.828
32)	L7 AR-1260-2	6.473	6.446	276.5E6	138.3E6	489.190	502.416
33)	L7 AR-1260-3	6.841	6.599	196.4E6	127.7E6	412.982	500.513
34)	L7 AR-1260-4	7.101	7.071	181.9E6	88444246	421.341	428.941
35)	L7 AR-1260-5	7.344	7.311	430.1E6	195.8E6	432.732	437.182

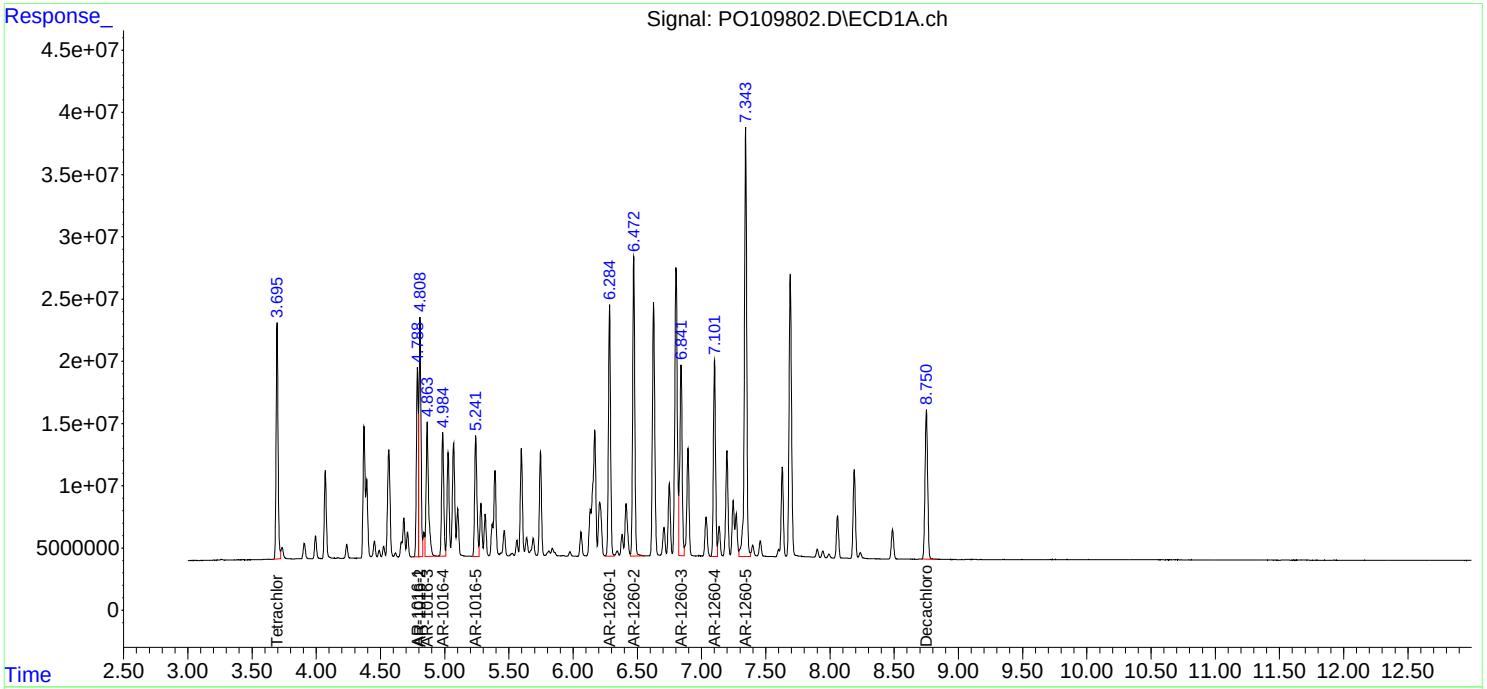
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

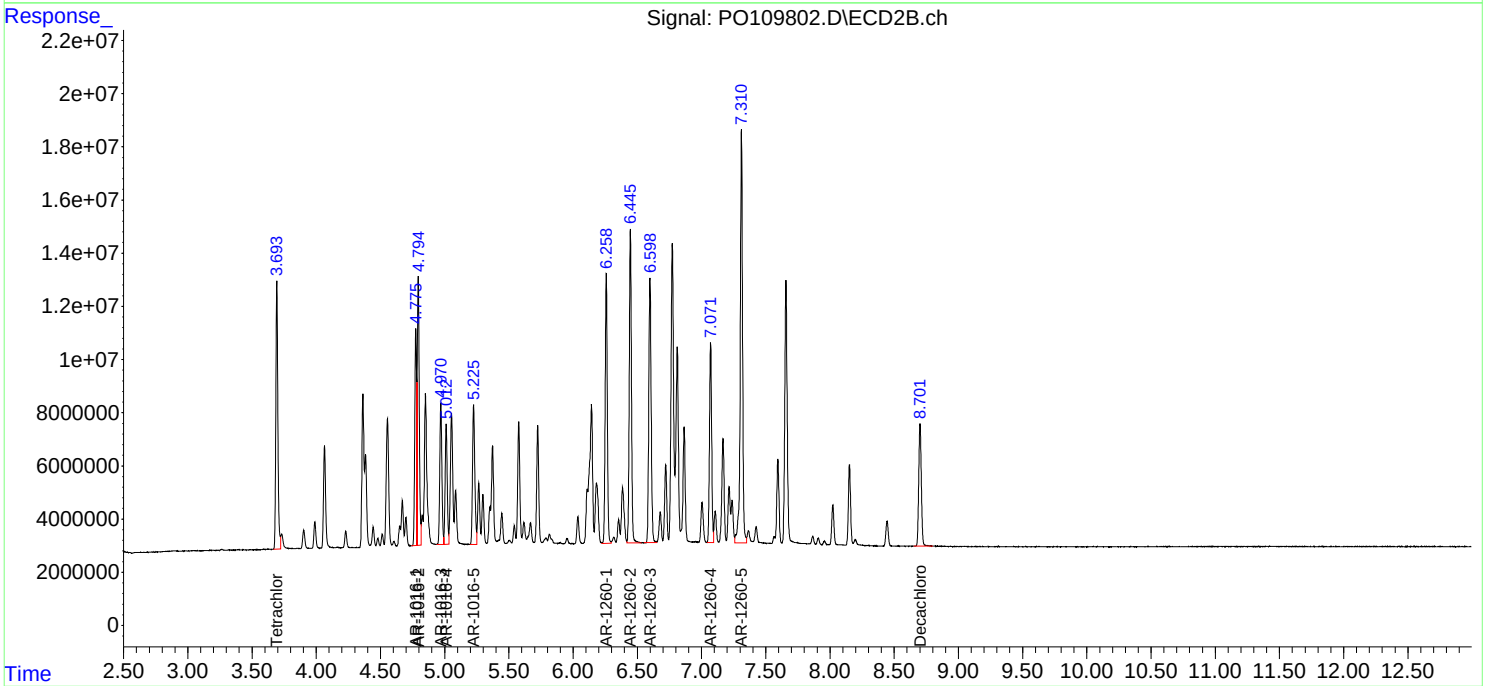
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO031125\
Data File : PO109802.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 20:55
Operator : YP/AJ
Sample : PB167066BSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

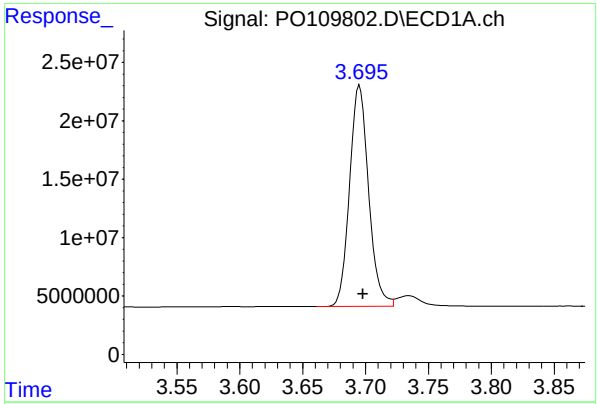
Instrument :
ECD_O
ClientSampleId :
PB167066BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 21:38:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



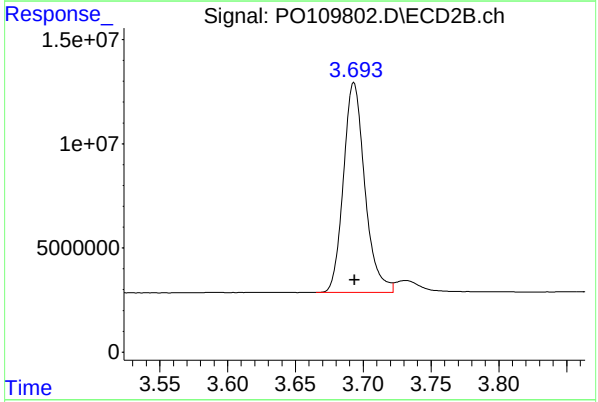




#1 Tetrachloro-m-xylene

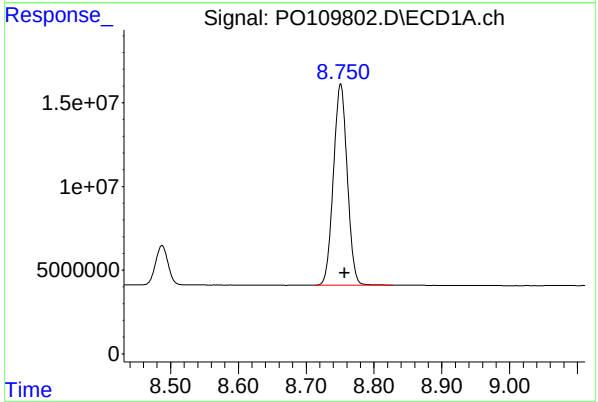
R.T.: 3.695 min
Delta R.T.: -0.003 min
Response: 199069413
Conc: 21.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB167066BSD



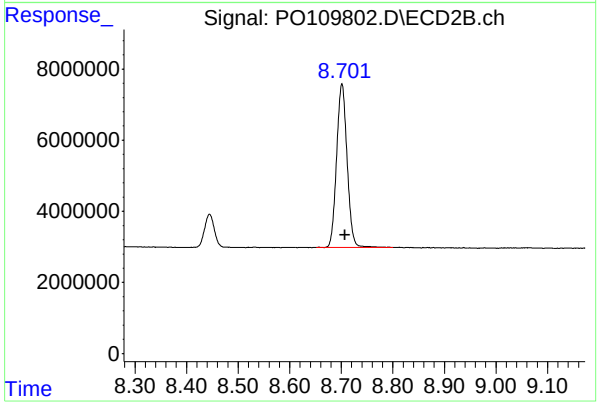
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 110513067
Conc: 21.11 ng/ml



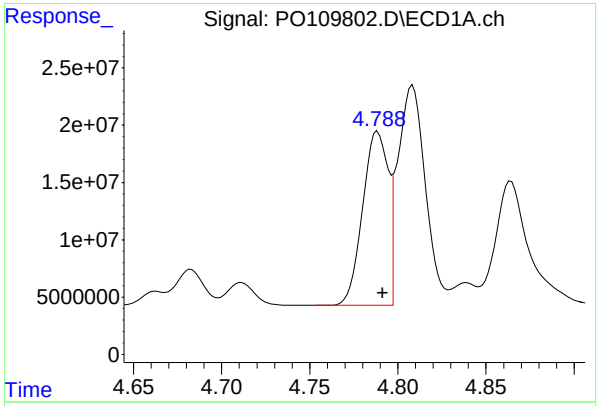
#2 Decachlorobiphenyl

R.T.: 8.751 min
Delta R.T.: -0.006 min
Response: 170082586
Conc: 19.77 ng/ml



#2 Decachlorobiphenyl

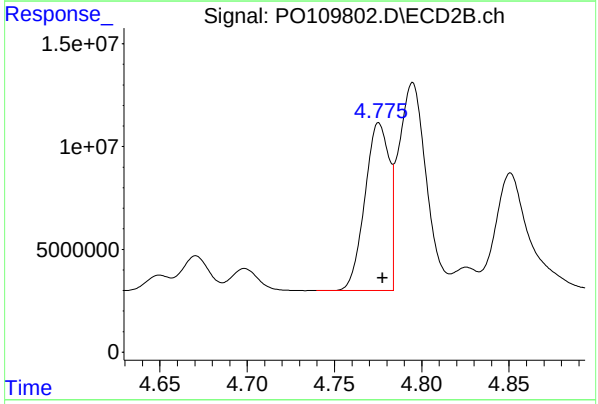
R.T.: 8.701 min
Delta R.T.: -0.006 min
Response: 64942764
Conc: 20.39 ng/ml



#3 AR-1016-1

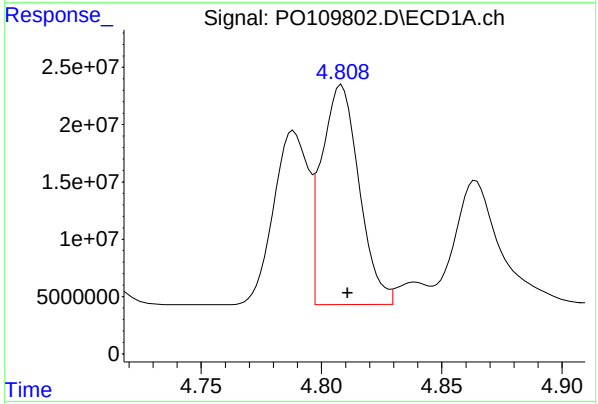
R.T.: 4.788 min
Delta R.T.: -0.003 min
Response: 152149538
Conc: 493.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB167066BSD



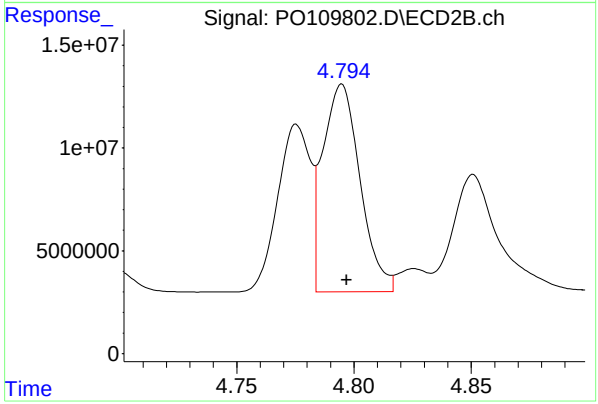
#3 AR-1016-1

R.T.: 4.775 min
Delta R.T.: -0.002 min
Response: 78970393
Conc: 505.67 ng/ml



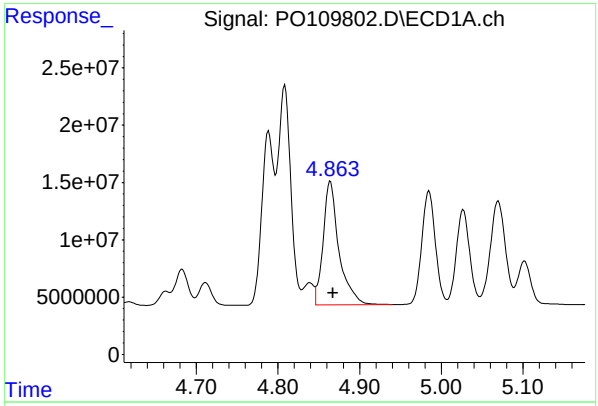
#4 AR-1016-2

R.T.: 4.808 min
Delta R.T.: -0.003 min
Response: 208423232
Conc: 495.04 ng/ml



#4 AR-1016-2

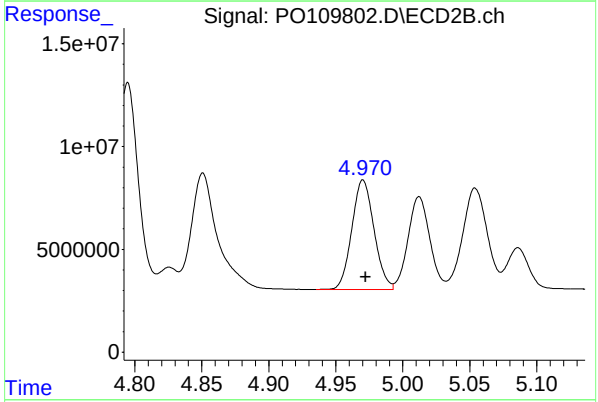
R.T.: 4.795 min
Delta R.T.: -0.002 min
Response: 111915334
Conc: 517.09 ng/ml



#5 AR-1016-3

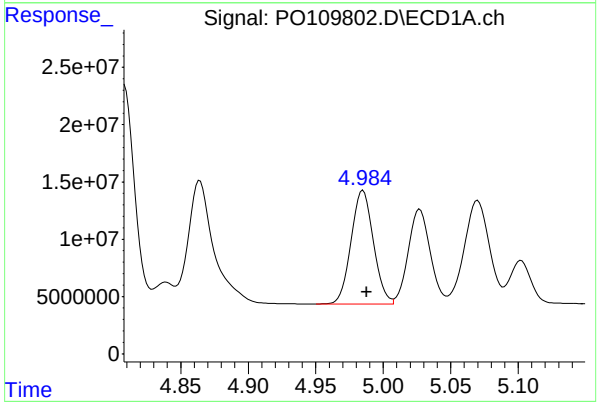
R.T.: 4.864 min
Delta R.T.: -0.003 min
Response: 145575276
Conc: 492.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB167066BSD



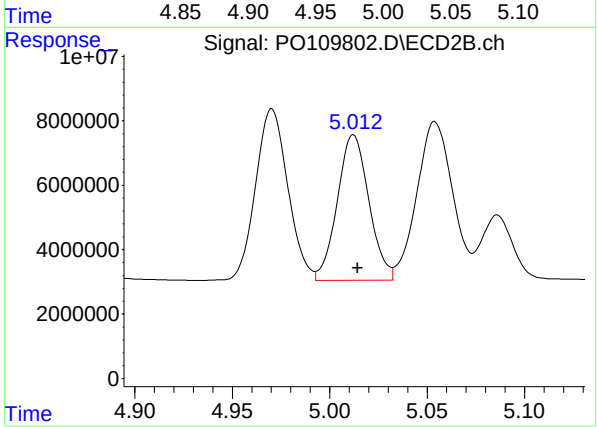
#5 AR-1016-3

R.T.: 4.970 min
Delta R.T.: -0.002 min
Response: 61343463
Conc: 513.54 ng/ml



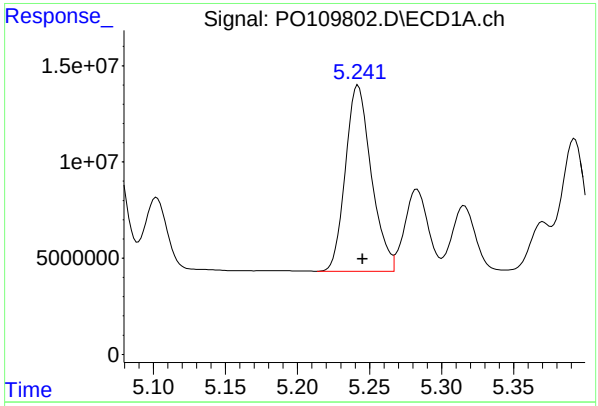
#6 AR-1016-4

R.T.: 4.985 min
Delta R.T.: -0.003 min
Response: 114342094
Conc: 493.32 ng/ml



#6 AR-1016-4

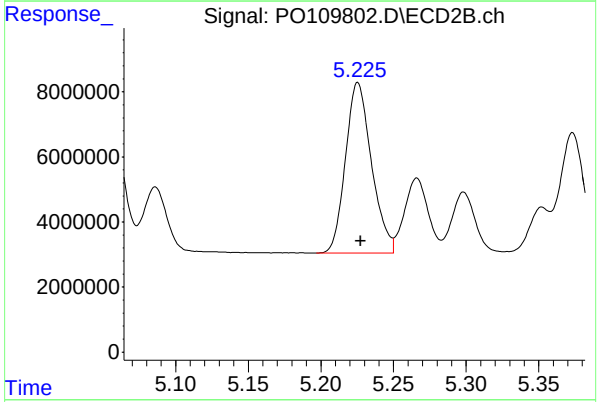
R.T.: 5.012 min
Delta R.T.: -0.002 min
Response: 51005038
Conc: 490.10 ng/ml



#7 AR-1016-5

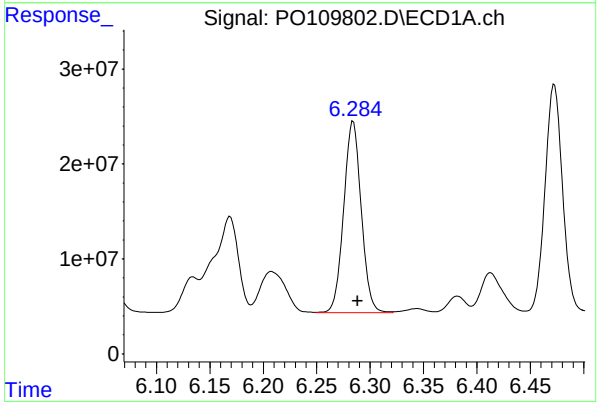
R.T.: 5.242 min
Delta R.T.: -0.003 min
Response: 120976344
Conc: 468.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB167066BSD



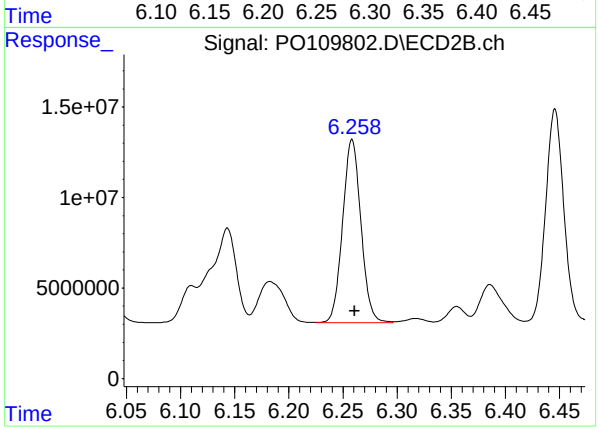
#7 AR-1016-5

R.T.: 5.225 min
Delta R.T.: -0.002 min
Response: 65372811
Conc: 479.79 ng/ml



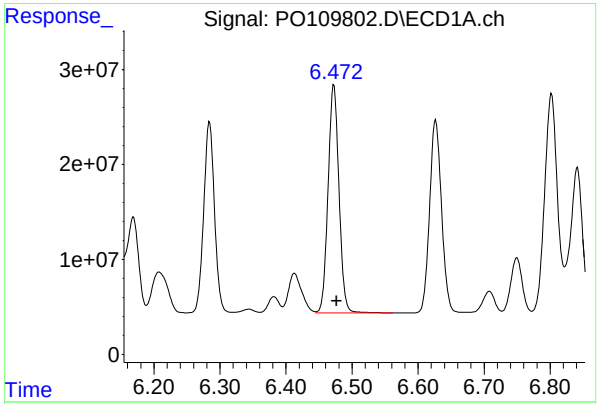
#31 AR-1260-1

R.T.: 6.284 min
Delta R.T.: -0.004 min
Response: 229971050
Conc: 493.36 ng/ml



#31 AR-1260-1

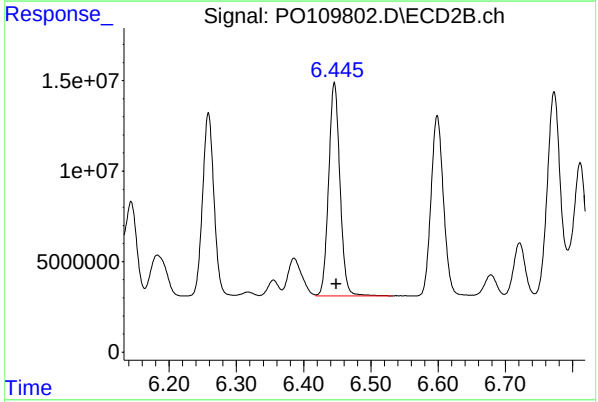
R.T.: 6.258 min
Delta R.T.: -0.003 min
Response: 119129735
Conc: 502.83 ng/ml



#32 AR-1260-2

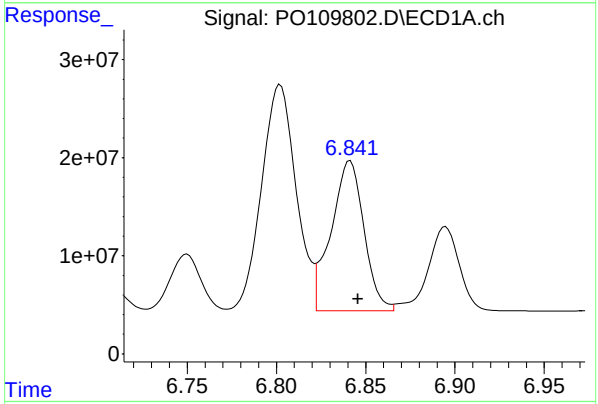
R.T.: 6.473 min
Delta R.T.: -0.004 min
Response: 276450287
Conc: 489.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB167066BSD



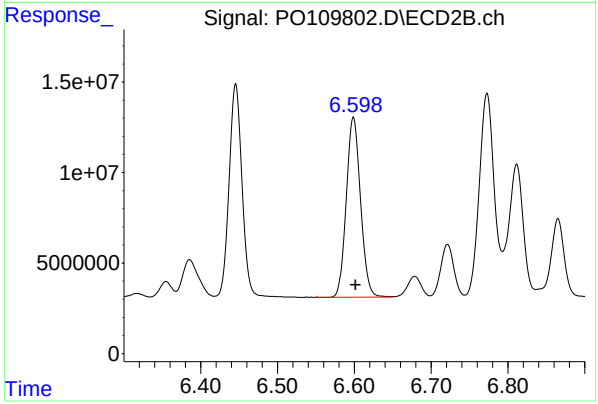
#32 AR-1260-2

R.T.: 6.446 min
Delta R.T.: -0.003 min
Response: 138250389
Conc: 502.42 ng/ml



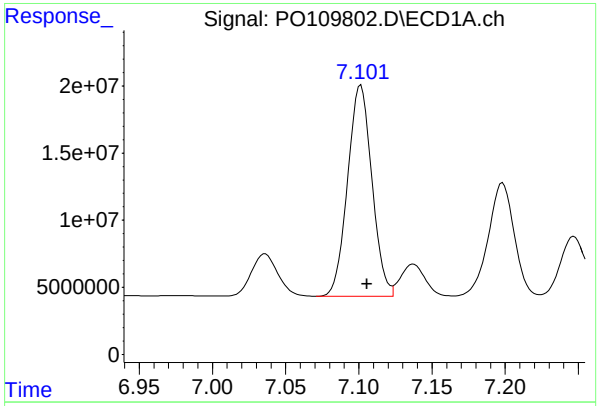
#33 AR-1260-3

R.T.: 6.841 min
Delta R.T.: -0.004 min
Response: 196439506
Conc: 412.98 ng/ml



#33 AR-1260-3

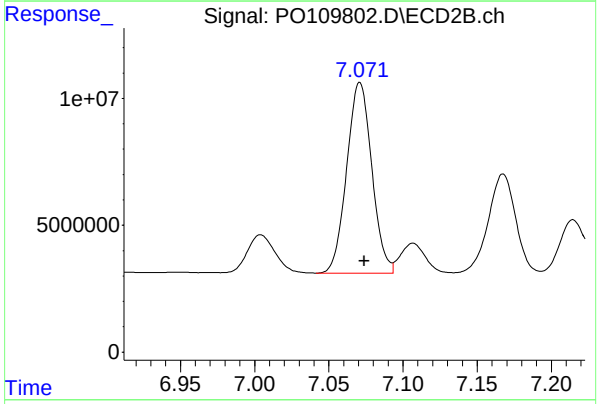
R.T.: 6.599 min
Delta R.T.: -0.003 min
Response: 127666040
Conc: 500.51 ng/ml



#34 AR-1260-4

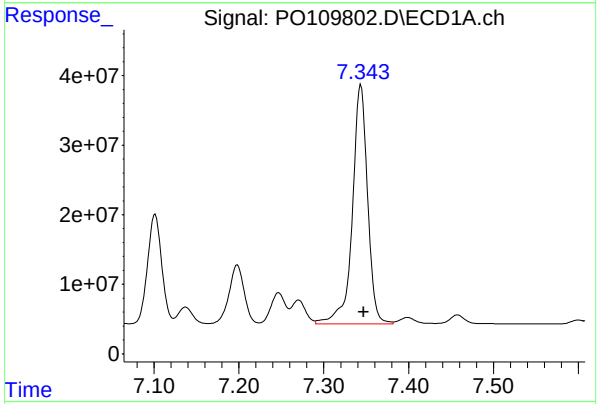
R.T.: 7.101 min
Delta R.T.: -0.004 min
Response: 181851345
Conc: 421.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB167066BSD



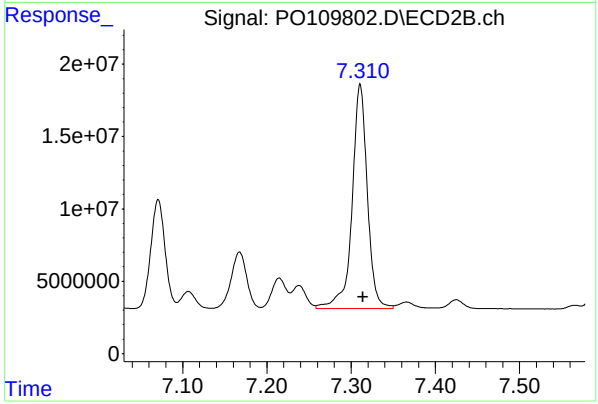
#34 AR-1260-4

R.T.: 7.071 min
Delta R.T.: -0.003 min
Response: 88444246
Conc: 428.94 ng/ml



#35 AR-1260-5

R.T.: 7.344 min
Delta R.T.: -0.003 min
Response: 430084142
Conc: 432.73 ng/ml



#35 AR-1260-5

R.T.: 7.311 min
Delta R.T.: -0.004 min
Response: 195762642
Conc: 437.18 ng/ml

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

Manual Integration Report

Sequence:	PO022025	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242ICC050	PO109437.D	AR-1242-5	yogesh	2/21/2025 8:09:35 AM	Ankita	2/21/2025 9:30:25	Peak Integrated by Software
AR1242ICC050	PO109437.D	AR-1242-5 #2	yogesh	2/21/2025 8:09:35 AM	Ankita	2/21/2025 9:30:25	Peak Integrated by Software
AR1248ICC050	PO109442.D	AR-1248-4	yogesh	2/21/2025 8:09:37 AM	Ankita	2/21/2025 9:30:26	Peak Integrated by Software
AR1248ICC050	PO109442.D	AR-1248-4 #2	yogesh	2/21/2025 8:09:37 AM	Ankita	2/21/2025 9:30:26	Peak Integrated by Software
AR1248ICC050	PO109442.D	AR-1248-5	yogesh	2/21/2025 8:09:37 AM	Ankita	2/21/2025 9:30:26	Peak Integrated by Software
AR1248ICC050	PO109442.D	AR-1248-5 #2	yogesh	2/21/2025 8:09:37 AM	Ankita	2/21/2025 9:30:26	Peak Integrated by Software
AR1254ICC050	PO109447.D	AR-1254-1	yogesh	2/21/2025 8:09:39 AM	Ankita	2/21/2025 9:30:28	Peak Integrated by Software
AR1254ICC050	PO109447.D	AR-1254-1 #2	yogesh	2/21/2025 8:09:39 AM	Ankita	2/21/2025 9:30:28	Peak Integrated by Software
AR1254ICC050	PO109447.D	AR-1254-2	yogesh	2/21/2025 8:09:39 AM	Ankita	2/21/2025 9:30:28	Peak Integrated by Software
AR1254ICC050	PO109447.D	AR-1254-2 #2	yogesh	2/21/2025 8:09:39 AM	Ankita	2/21/2025 9:30:28	Peak Integrated by Software
AR1254ICC050	PO109447.D	AR-1254-3	yogesh	2/21/2025 8:09:39 AM	Ankita	2/21/2025 9:30:28	Peak Integrated by Software
AR1254ICC050	PO109447.D	AR-1254-3 #2	yogesh	2/21/2025 8:09:39 AM	Ankita	2/21/2025 9:30:28	Peak Integrated by Software
AR1254ICC050	PO109447.D	AR-1254-4	yogesh	2/21/2025 8:09:39 AM	Ankita	2/21/2025 9:30:28	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PO022025	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254ICC050	PO109447.D	AR-1254-4 #2	yogesh	2/21/2025 8:09:39 AM	Ankita	2/21/2025 9:30:28	Peak Integrated by Software
AR1254ICC050	PO109447.D	Tetrachloro-m-xylene	yogesh	2/21/2025 8:09:39 AM	Ankita	2/21/2025 9:30:28	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PO031125	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO109811.D	AR-1016-5	yogesh	3/12/2025 7:58:05 AM	Ankita	3/12/2025 2:33:32	Peak Integrated by Software
AR1660CCC500	PO109811.D	AR-1016-5 #2	yogesh	3/12/2025 7:58:05 AM	Ankita	3/12/2025 2:33:32	Peak Integrated by Software
AR1254CCC500	PO109814.D	AR-1254-4 #2	yogesh	3/12/2025 7:58:07 AM	Ankita	3/12/2025 2:33:34	Peak Integrated by Software

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

Manual Integration Report

Sequence:	pp031125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC250	PP070422.D	Decachlorobiphenyl #2	yogesh	3/12/2025 7:57:06 AM	Ankita	3/12/2025 10:45:04	Peak Integrated by Software
AR1660ICC050	PP070423.D	AR-1016-1	yogesh	3/12/2025 7:57:07 AM	Ankita	3/12/2025 10:45:06	Peak Integrated by Software
AR1660ICC050	PP070423.D	AR-1016-2	yogesh	3/12/2025 7:57:07 AM	Ankita	3/12/2025 10:45:06	Peak Integrated by Software
AR1660ICC050	PP070423.D	AR-1016-3	yogesh	3/12/2025 7:57:07 AM	Ankita	3/12/2025 10:45:06	Peak Integrated by Software
AR1660ICC050	PP070423.D	AR-1016-4	yogesh	3/12/2025 7:57:07 AM	Ankita	3/12/2025 10:45:06	Peak Integrated by Software
AR1660ICC050	PP070423.D	AR-1260-4 #2	yogesh	3/12/2025 7:57:07 AM	Ankita	3/12/2025 10:45:06	Peak Integrated by Software
AR1660ICC050	PP070423.D	AR-1260-5 #2	yogesh	3/12/2025 7:57:07 AM	Ankita	3/12/2025 10:45:06	Peak Integrated by Software
AR1232ICC250	PP070428.D	AR-1232-5	yogesh	3/12/2025 7:57:09 AM	Ankita	3/12/2025 10:45:07	Peak Integrated by Software
AR1232ICC050	PP070429.D	AR-1232-1 #2	yogesh	3/19/2025 6:21:09 AM	mohammad	3/19/2025 6:54:14	Peak Integrated by Software
AR1232ICC050	PP070429.D	AR-1232-2	yogesh	3/19/2025 6:21:09 AM	mohammad	3/19/2025 6:54:14	Peak Integrated by Software
AR1232ICC050	PP070429.D	AR-1232-2 #2	yogesh	3/19/2025 6:21:09 AM	mohammad	3/19/2025 6:54:14	Peak Integrated by Software
AR1232ICC050	PP070429.D	AR-1232-3	yogesh	3/19/2025 6:21:09 AM	mohammad	3/19/2025 6:54:14	Peak Integrated by Software
AR1232ICC050	PP070429.D	AR-1232-4	yogesh	3/19/2025 6:21:09 AM	mohammad	3/19/2025 6:54:14	Peak Integrated by Software

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

Manual Integration Report

Sequence:	pp031125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1232ICC050	PP070429.D	AR-1232-5	yogesh	3/19/2025 6:21:09 AM	mohammad	3/19/2025 6:54:14	Peak Integrated by Software
AR1232ICC050	PP070429.D	AR-1232-5 #2	yogesh	3/19/2025 6:21:09 AM	mohammad	3/19/2025 6:54:14	Peak Integrated by Software
AR1242ICC050	PP070434.D	AR-1242-1	yogesh	3/12/2025 7:57:12 AM	Ankita	3/12/2025 10:45:18	Peak Integrated by Software
AR1242ICC050	PP070434.D	AR-1242-1 #2	yogesh	3/12/2025 7:57:12 AM	Ankita	3/12/2025 10:45:18	Peak Integrated by Software
AR1242ICC050	PP070434.D	AR-1242-2	yogesh	3/12/2025 7:57:12 AM	Ankita	3/12/2025 10:45:18	Peak Integrated by Software
AR1242ICC050	PP070434.D	AR-1242-2 #2	yogesh	3/12/2025 7:57:12 AM	Ankita	3/12/2025 10:45:18	Peak Integrated by Software
AR1242ICC050	PP070434.D	AR-1242-3	yogesh	3/12/2025 7:57:12 AM	Ankita	3/12/2025 10:45:18	Peak Integrated by Software
AR1242ICC050	PP070434.D	AR-1242-4	yogesh	3/12/2025 7:57:12 AM	Ankita	3/12/2025 10:45:18	Peak Integrated by Software
AR1248ICC050	PP070439.D	AR-1248-1	yogesh	3/12/2025 7:57:14 AM	Ankita	3/12/2025 10:45:19	Peak Integrated by Software
AR1248ICC050	PP070439.D	AR-1248-2	yogesh	3/12/2025 7:57:14 AM	Ankita	3/12/2025 10:45:19	Peak Integrated by Software
AR1268ICC050	PP070450.D	AR-1268-1 #2	yogesh	3/12/2025 7:57:15 AM	Ankita	3/12/2025 10:45:21	Peak Integrated by Software
AR1268ICC050	PP070450.D	AR-1268-2 #2	yogesh	3/12/2025 7:57:15 AM	Ankita	3/12/2025 10:45:21	Peak Integrated by Software
AR1268ICC050	PP070450.D	AR-1268-3 #2	yogesh	3/12/2025 7:57:15 AM	Ankita	3/12/2025 10:45:21	Peak Integrated by Software

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

Manual Integration Report

Sequence:	pp031125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PP070465.D	AR-1242-5	yogesh	3/12/2025 7:57:17 AM	Ankita	3/12/2025 10:45:22	Peak Integrated by Software
AR1242CCC500	PP070465.D	AR-1242-5 #2	yogesh	3/12/2025 7:57:17 AM	Ankita	3/12/2025 10:45:22	Peak Integrated by Software

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO022025

Review By	yogesh	Review On	2/21/2025 8:09:53 AM		
Supervise By	Ankita	Supervise On	2/21/2025 9:30:37 AM		
SubDirectory	PO022025	HP Acquire Method		HP Processing Method	PO022025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO109424.D	20 Feb 2025 16:09	YP/AJ	Ok
2	I.BLK	PO109425.D	20 Feb 2025 16:28	YP/AJ	Ok
3	AR1660ICC1000	PO109426.D	20 Feb 2025 16:46	YP/AJ	Ok
4	AR1660ICC750	PO109427.D	20 Feb 2025 17:04	YP/AJ	Ok
5	AR1660ICC500	PO109428.D	20 Feb 2025 17:23	YP/AJ	Ok
6	AR1660ICC250	PO109429.D	20 Feb 2025 17:41	YP/AJ	Ok
7	AR1660ICC050	PO109430.D	20 Feb 2025 17:59	YP/AJ	Ok
8	AR1221ICC500	PO109431.D	20 Feb 2025 18:18	YP/AJ	Ok
9	AR1232ICC500	PO109432.D	20 Feb 2025 18:36	YP/AJ	Ok
10	AR1242ICC1000	PO109433.D	20 Feb 2025 18:55	YP/AJ	Ok
11	AR1242ICC750	PO109434.D	20 Feb 2025 19:13	YP/AJ	Ok
12	AR1242ICC500	PO109435.D	20 Feb 2025 19:31	YP/AJ	Ok
13	AR1242ICC250	PO109436.D	20 Feb 2025 19:50	YP/AJ	Ok
14	AR1242ICC050	PO109437.D	20 Feb 2025 20:08	YP/AJ	Ok,M
15	AR1248ICC1000	PO109438.D	20 Feb 2025 20:26	YP/AJ	Ok
16	AR1248ICC750	PO109439.D	20 Feb 2025 20:45	YP/AJ	Ok
17	AR1248ICC500	PO109440.D	20 Feb 2025 21:03	YP/AJ	Ok
18	AR1248ICC250	PO109441.D	20 Feb 2025 21:21	YP/AJ	Ok
19	AR1248ICC050	PO109442.D	20 Feb 2025 21:40	YP/AJ	Ok,M
20	AR1254ICC1000	PO109443.D	20 Feb 2025 21:58	YP/AJ	Ok
21	AR1254ICC750	PO109444.D	20 Feb 2025 22:17	YP/AJ	Ok

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO022025

Review By	yogesh	Review On	2/21/2025 8:09:53 AM		
Supervise By	Ankita	Supervise On	2/21/2025 9:30:37 AM		
SubDirectory	PO022025	HP Acquire Method		HP Processing Method	PO022025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	AR1254ICC500	PO109445.D	20 Feb 2025 22:35	YP/AJ	Ok
23	AR1254ICC250	PO109446.D	20 Feb 2025 22:53	YP/AJ	Ok
24	AR1254ICC050	PO109447.D	20 Feb 2025 23:12	YP/AJ	Ok,M
25	AR1262ICC500	PO109448.D	20 Feb 2025 23:30	YP/AJ	Ok
26	AR1268ICC1000	PO109449.D	20 Feb 2025 23:48	YP/AJ	Ok
27	AR1268ICC750	PO109450.D	21 Feb 2025 00:07	YP/AJ	Ok
28	AR1268ICC500	PO109451.D	21 Feb 2025 00:25	YP/AJ	Ok
29	AR1268ICC250	PO109452.D	21 Feb 2025 00:43	YP/AJ	Ok
30	AR1268ICC050	PO109453.D	21 Feb 2025 01:02	YP/AJ	Ok
31	PO022025ICV500	PO109454.D	21 Feb 2025 01:20	YP/AJ	Ok
32	AR1242ICV500	PO109455.D	21 Feb 2025 01:38	YP/AJ	Ok
33	AR1248ICV500	PO109456.D	21 Feb 2025 01:57	YP/AJ	Ok
34	AR1254ICV500	PO109457.D	21 Feb 2025 02:15	YP/AJ	Ok
35	AR1268ICV500	PO109458.D	21 Feb 2025 02:34	YP/AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO031125

Review By	yogesh	Review On	3/12/2025 7:58:21 AM		
Supervise By	Ankita	Supervise On	3/12/2025 2:33:48 PM		
SubDirectory	PO031125	HP Acquire Method		HP Processing Method	PO022025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO109774.D	11 Mar 2025 11:05	YP/AJ	Ok
2	AR1660CCC500	PO109775.D	11 Mar 2025 12:01	YP/AJ	Ok
3	AR1242CCC500	PO109776.D	11 Mar 2025 12:19	YP/AJ	Ok
4	AR1248CCC500	PO109777.D	11 Mar 2025 12:37	YP/AJ	Ok
5	AR1254CCC500	PO109778.D	11 Mar 2025 12:56	YP/AJ	Ok
6	I.BLK	PO109779.D	11 Mar 2025 13:14	YP/AJ	Ok
7	PB167074BL	PO109780.D	11 Mar 2025 13:32	YP/AJ	Ok
8	PB167074BS	PO109781.D	11 Mar 2025 13:51	YP/AJ	Ok
9	Q1534-01	PO109782.D	11 Mar 2025 14:09	YP/AJ	Ok
10	Q1534-07	PO109783.D	11 Mar 2025 14:27	YP/AJ	Ok
11	Q1534-07MS	PO109784.D	11 Mar 2025 14:45	YP/AJ	Ok,M
12	Q1534-07MSD	PO109785.D	11 Mar 2025 15:04	YP/AJ	Ok,M
13	Q1534-13	PO109786.D	11 Mar 2025 15:22	YP/AJ	Ok,M
14	Q1534-19	PO109787.D	11 Mar 2025 15:40	YP/AJ	Ok,M
15	Q1538-01	PO109788.D	11 Mar 2025 15:59	YP/AJ	Ok,M
16	Q1535-01	PO109789.D	11 Mar 2025 16:17	YP/AJ	Ok
17	AR1660CCC500	PO109790.D	11 Mar 2025 17:17	YP/AJ	Ok
18	AR1242CCC500	PO109791.D	11 Mar 2025 17:34	YP/AJ	Ok
19	AR1248CCC500	PO109792.D	11 Mar 2025 17:52	YP/AJ	Ok
20	AR1254CCC500	PO109793.D	11 Mar 2025 18:10	YP/AJ	Ok
21	I.BLK	PO109794.D	11 Mar 2025 18:28	YP/AJ	Ok

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO031125

Review By	yogesh	Review On	3/12/2025 7:58:21 AM		
Supervise By	Ankita	Supervise On	3/12/2025 2:33:48 PM		
SubDirectory	PO031125	HP Acquire Method		HP Processing Method	PO022025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1433-10DL2	PO109795.D	11 Mar 2025 18:47	YP/AJ	Ok,M
23	Q1537-01	PO109796.D	11 Mar 2025 19:05	YP/AJ	Ok
24	Q1537-02	PO109797.D	11 Mar 2025 19:24	YP/AJ	Ok
25	Q1537-03	PO109798.D	11 Mar 2025 19:42	YP/AJ	Ok
26	Q1541-01	PO109799.D	11 Mar 2025 20:00	YP/AJ	Ok
27	PB167066BL	PO109800.D	11 Mar 2025 20:18	YP/AJ	Ok
28	PB167066BS	PO109801.D	11 Mar 2025 20:36	YP/AJ	Ok
29	PB167066BSD	PO109802.D	11 Mar 2025 20:55	YP/AJ	Ok
30	Q1536-01	PO109803.D	11 Mar 2025 21:13	YP/AJ	Ok,M
31	Q1536-02	PO109804.D	11 Mar 2025 21:30	YP/AJ	Ok,M
32	AR1660CCC500	PO109805.D	11 Mar 2025 21:49	YP/AJ	Ok
33	AR1242CCC500	PO109806.D	11 Mar 2025 22:07	YP/AJ	Ok
34	AR1248CCC500	PO109807.D	11 Mar 2025 22:26	YP/AJ	Ok
35	AR1254CCC500	PO109808.D	11 Mar 2025 22:43	YP/AJ	Ok
36	I.BLK	PO109809.D	11 Mar 2025 23:01	YP/AJ	Ok
37	Q1536-03	PO109810.D	11 Mar 2025 23:20	YP/AJ	Ok,M
38	AR1660CCC500	PO109811.D	11 Mar 2025 23:38	YP/AJ	Ok,M
39	AR1242CCC500	PO109812.D	11 Mar 2025 23:55	YP/AJ	Ok
40	AR1248CCC500	PO109813.D	12 Mar 2025 00:14	YP/AJ	Ok
41	AR1254CCC500	PO109814.D	12 Mar 2025 00:32	YP/AJ	Ok,M
42	I.BLK	PO109815.D	12 Mar 2025 00:51	YP/AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP031125

Review By	yogesh	Review On	3/12/2025 7:57:33 AM		
Supervise By	mohammad	Supervise On	3/19/2025 6:54:29 AM		
SubDirectory	PP031125	HP Acquire Method		HP Processing Method	PP031125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP070417.D	11 Mar 2025 14:41	YP\AJ	Ok
2	I.BLK	PP070418.D	11 Mar 2025 14:57	YP\AJ	Ok
3	AR1660ICC1000	PP070419.D	11 Mar 2025 15:13	YP\AJ	Ok
4	AR1660ICC750	PP070420.D	11 Mar 2025 15:29	YP\AJ	Ok
5	AR1660ICC500	PP070421.D	11 Mar 2025 15:46	YP\AJ	Ok
6	AR1660ICC250	PP070422.D	11 Mar 2025 16:02	YP\AJ	Ok,M
7	AR1660ICC050	PP070423.D	11 Mar 2025 16:18	YP\AJ	Ok,M
8	AR1221ICC500	PP070424.D	11 Mar 2025 16:34	YP\AJ	Ok
9	AR1232ICC1000	PP070425.D	11 Mar 2025 16:51	YP\AJ	Ok
10	AR1232ICC750	PP070426.D	11 Mar 2025 17:07	YP\AJ	Ok
11	AR1232ICC500	PP070427.D	11 Mar 2025 17:23	YP\AJ	Ok
12	AR1232ICC250	PP070428.D	11 Mar 2025 17:40	YP\AJ	Ok,M
13	AR1232ICC050	PP070429.D	11 Mar 2025 17:56	YP\AJ	Ok,M
14	AR1242ICC1000	PP070430.D	11 Mar 2025 18:12	YP\AJ	Ok
15	AR1242ICC750	PP070431.D	11 Mar 2025 18:28	YP\AJ	Ok
16	AR1242ICC500	PP070432.D	11 Mar 2025 18:45	YP\AJ	Ok
17	AR1242ICC250	PP070433.D	11 Mar 2025 19:01	YP\AJ	Ok
18	AR1242ICC050	PP070434.D	11 Mar 2025 19:17	YP\AJ	Ok,M
19	AR1248ICC1000	PP070435.D	11 Mar 2025 19:34	YP\AJ	Ok
20	AR1248ICC750	PP070436.D	11 Mar 2025 19:50	YP\AJ	Ok
21	AR1248ICC500	PP070437.D	11 Mar 2025 20:06	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 # PP031125

Review By	yogesh	Review On	3/12/2025 7:57:33 AM		
Supervise By	mohammad	Supervise On	3/19/2025 6:54:29 AM		
SubDirectory	PP031125	HP Acquire Method		HP Processing Method	PP031125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	AR1248ICC250	PP070438.D	11 Mar 2025 20:22	YP\AJ	Ok
23	AR1248ICC050	PP070439.D	11 Mar 2025 20:39	YP\AJ	Ok,M
24	AR1254ICC1000	PP070440.D	11 Mar 2025 20:55	YP\AJ	Ok
25	AR1254ICC750	PP070441.D	11 Mar 2025 21:11	YP\AJ	Ok
26	AR1254ICC500	PP070442.D	11 Mar 2025 21:28	YP\AJ	Ok
27	AR1254ICC250	PP070443.D	11 Mar 2025 21:44	YP\AJ	Ok
28	AR1254ICC050	PP070444.D	11 Mar 2025 22:00	YP\AJ	Ok
29	AR1262ICC500	PP070445.D	11 Mar 2025 22:16	YP\AJ	Ok
30	AR1268ICC1000	PP070446.D	11 Mar 2025 22:33	YP\AJ	Ok
31	AR1268ICC750	PP070447.D	11 Mar 2025 22:49	YP\AJ	Ok
32	AR1268ICC500	PP070448.D	11 Mar 2025 23:05	YP\AJ	Ok
33	AR1268ICC250	PP070449.D	11 Mar 2025 23:22	YP\AJ	Ok
34	AR1268ICC050	PP070450.D	11 Mar 2025 23:38	YP\AJ	Ok,M
35	PP031125ICV500	PP070451.D	11 Mar 2025 23:54	YP\AJ	Ok
36	AR1232ICV500	PP070452.D	12 Mar 2025 00:10	YP\AJ	Ok
37	AR1242ICV500	PP070453.D	12 Mar 2025 00:27	YP\AJ	Ok
38	AR1248ICV500	PP070454.D	12 Mar 2025 00:43	YP\AJ	Ok
39	AR1254ICV500	PP070455.D	12 Mar 2025 00:59	YP\AJ	Ok
40	AR1268ICV500	PP070456.D	12 Mar 2025 01:16	YP\AJ	Ok
41	AR1660CCC500	PP070457.D	12 Mar 2025 01:32	YP\AJ	Ok
42	AR1232CCC500	PP070458.D	12 Mar 2025 01:48	YP\AJ	Ok
43	AR1242CCC500	PP070459.D	12 Mar 2025 02:04	YP\AJ	Ok
44	I.BLK	PP070460.D	12 Mar 2025 02:21	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 # PP031125

Review By	yogesh	Review On	3/12/2025 7:57:33 AM		
Supervise By	mohammad	Supervise On	3/19/2025 6:54:29 AM		
SubDirectory	PP031125	HP Acquire Method		HP Processing Method	PP031125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	PB167066BL	PP070461.D	12 Mar 2025 02:37	YP\AJ	Not Ok
46	Q1502-15	PP070462.D	12 Mar 2025 02:53	YP\AJ	Ok
47	AR1660CCC500	PP070463.D	12 Mar 2025 03:09	YP\AJ	Ok
48	AR1232CCC500	PP070464.D	12 Mar 2025 03:26	YP\AJ	Ok
49	AR1242CCC500	PP070465.D	12 Mar 2025 03:42	YP\AJ	Ok,M
50	I.BLK	PP070466.D	12 Mar 2025 03:58	YP\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO022025

Review By	yogesh	Review On	2/21/2025 8:09:53 AM		
Supervise By	Ankita	Supervise On	2/21/2025 9:30:37 AM		
SubDirectory	PO022025	HP Acquire Method		HP Processing Method	PO022025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO109424.D	20 Feb 2025 16:09		YP/AJ	Ok
2	I.BLK	I.BLK	PO109425.D	20 Feb 2025 16:28		YP/AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PO109426.D	20 Feb 2025 16:46		YP/AJ	Ok
4	AR1660ICC750	AR1660ICC750	PO109427.D	20 Feb 2025 17:04		YP/AJ	Ok
5	AR1660ICC500	AR1660ICC500	PO109428.D	20 Feb 2025 17:23		YP/AJ	Ok
6	AR1660ICC250	AR1660ICC250	PO109429.D	20 Feb 2025 17:41		YP/AJ	Ok
7	AR1660ICC050	AR1660ICC050	PO109430.D	20 Feb 2025 17:59		YP/AJ	Ok
8	AR1221ICC500	AR1221ICC500	PO109431.D	20 Feb 2025 18:18		YP/AJ	Ok
9	AR1232ICC500	AR1232ICC500	PO109432.D	20 Feb 2025 18:36		YP/AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PO109433.D	20 Feb 2025 18:55		YP/AJ	Ok
11	AR1242ICC750	AR1242ICC750	PO109434.D	20 Feb 2025 19:13		YP/AJ	Ok
12	AR1242ICC500	AR1242ICC500	PO109435.D	20 Feb 2025 19:31		YP/AJ	Ok
13	AR1242ICC250	AR1242ICC250	PO109436.D	20 Feb 2025 19:50		YP/AJ	Ok
14	AR1242ICC050	AR1242ICC050	PO109437.D	20 Feb 2025 20:08		YP/AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PO109438.D	20 Feb 2025 20:26		YP/AJ	Ok
16	AR1248ICC750	AR1248ICC750	PO109439.D	20 Feb 2025 20:45		YP/AJ	Ok
17	AR1248ICC500	AR1248ICC500	PO109440.D	20 Feb 2025 21:03		YP/AJ	Ok
18	AR1248ICC250	AR1248ICC250	PO109441.D	20 Feb 2025 21:21		YP/AJ	Ok

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO022025

Review By	yogesh	Review On	2/21/2025 8:09:53 AM		
Supervise By	Ankita	Supervise On	2/21/2025 9:30:37 AM		
SubDirectory	PO022025	HP Acquire Method		HP Processing Method	PO022025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248ICC050	AR1248ICC050	PO109442.D	20 Feb 2025 21:40		YP/AJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PO109443.D	20 Feb 2025 21:58		YP/AJ	Ok
21	AR1254ICC750	AR1254ICC750	PO109444.D	20 Feb 2025 22:17		YP/AJ	Ok
22	AR1254ICC500	AR1254ICC500	PO109445.D	20 Feb 2025 22:35		YP/AJ	Ok
23	AR1254ICC250	AR1254ICC250	PO109446.D	20 Feb 2025 22:53		YP/AJ	Ok
24	AR1254ICC050	AR1254ICC050	PO109447.D	20 Feb 2025 23:12		YP/AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PO109448.D	20 Feb 2025 23:30		YP/AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PO109449.D	20 Feb 2025 23:48		YP/AJ	Ok
27	AR1268ICC750	AR1268ICC750	PO109450.D	21 Feb 2025 00:07		YP/AJ	Ok
28	AR1268ICC500	AR1268ICC500	PO109451.D	21 Feb 2025 00:25		YP/AJ	Ok
29	AR1268ICC250	AR1268ICC250	PO109452.D	21 Feb 2025 00:43		YP/AJ	Ok
30	AR1268ICC050	AR1268ICC050	PO109453.D	21 Feb 2025 01:02		YP/AJ	Ok
31	PO022025ICV500	ICVPO022025	PO109454.D	21 Feb 2025 01:20		YP/AJ	Ok
32	AR1242ICV500	ICVPO022025AR1242	PO109455.D	21 Feb 2025 01:38		YP/AJ	Ok
33	AR1248ICV500	ICVPO022025AR1248	PO109456.D	21 Feb 2025 01:57		YP/AJ	Ok
34	AR1254ICV500	ICVPO022025AR1254	PO109457.D	21 Feb 2025 02:15		YP/AJ	Ok
35	AR1268ICV500	ICVPO022025AR1268	PO109458.D	21 Feb 2025 02:34		YP/AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO031125

Review By	yogesh	Review On	3/12/2025 7:58:21 AM		
Supervise By	Ankita	Supervise On	3/12/2025 2:33:48 PM		
SubDirectory	PO031125	HP Acquire Method		HP Processing Method	PO022025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO109774.D	11 Mar 2025 11:05		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO109775.D	11 Mar 2025 12:01		YP/AJ	Ok
3	AR1242CCC500	AR1242CCC500	PO109776.D	11 Mar 2025 12:19		YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO109777.D	11 Mar 2025 12:37		YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO109778.D	11 Mar 2025 12:56		YP/AJ	Ok
6	I.BLK	I.BLK	PO109779.D	11 Mar 2025 13:14		YP/AJ	Ok
7	PB167074BL	PB167074BL	PO109780.D	11 Mar 2025 13:32		YP/AJ	Ok
8	PB167074BS	PB167074BS	PO109781.D	11 Mar 2025 13:51		YP/AJ	Ok
9	Q1534-01	OR-636-COMP-16	PO109782.D	11 Mar 2025 14:09		YP/AJ	Ok
10	Q1534-07	OR-636-COMP-17	PO109783.D	11 Mar 2025 14:27		YP/AJ	Ok
11	Q1534-07MS	OR-636-COMP-17MS	PO109784.D	11 Mar 2025 14:45		YP/AJ	Ok,M
12	Q1534-07MSD	OR-636-COMP-17MSD	PO109785.D	11 Mar 2025 15:04		YP/AJ	Ok,M
13	Q1534-13	OR-636-COMP-18	PO109786.D	11 Mar 2025 15:22		YP/AJ	Ok,M
14	Q1534-19	OR-636-COMP-19	PO109787.D	11 Mar 2025 15:40		YP/AJ	Ok,M
15	Q1538-01	BELL-25-0004	PO109788.D	11 Mar 2025 15:59	DCB high in 1st column	YP/AJ	Ok,M
16	Q1535-01	SU-03-03102025	PO109789.D	11 Mar 2025 16:17		YP/AJ	Ok
17	AR1660CCC500	AR1660CCC500	PO109790.D	11 Mar 2025 17:17		YP/AJ	Ok
18	AR1242CCC500	AR1242CCC500	PO109791.D	11 Mar 2025 17:34		YP/AJ	Ok

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO031125

Review By	yogesh	Review On	3/12/2025 7:58:21 AM		
Supervise By	Ankita	Supervise On	3/12/2025 2:33:48 PM		
SubDirectory	PO031125	HP Acquire Method		HP Processing Method	PO022025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248CCC500	AR1248CCC500	PO109792.D	11 Mar 2025 17:52		YP/AJ	Ok
20	AR1254CCC500	AR1254CCC500	PO109793.D	11 Mar 2025 18:10		YP/AJ	Ok
21	I.BLK	I.BLK	PO109794.D	11 Mar 2025 18:28		YP/AJ	Ok
22	Q1433-10DL2	K084-4ADL2	PO109795.D	11 Mar 2025 18:47	AR1254 + AR1268 Hit	YP/AJ	Ok,M
23	Q1537-01	COMP-1	PO109796.D	11 Mar 2025 19:05		YP/AJ	Ok
24	Q1537-02	COMP-2	PO109797.D	11 Mar 2025 19:24		YP/AJ	Ok
25	Q1537-03	COMP-3	PO109798.D	11 Mar 2025 19:42		YP/AJ	Ok
26	Q1541-01	205703	PO109799.D	11 Mar 2025 20:00		YP/AJ	Ok
27	PB167066BL	PB167066BL	PO109800.D	11 Mar 2025 20:18		YP/AJ	Ok
28	PB167066BS	PB167066BS	PO109801.D	11 Mar 2025 20:36		YP/AJ	Ok
29	PB167066BSD	PB167066BSD	PO109802.D	11 Mar 2025 20:55		YP/AJ	Ok
30	Q1536-01	60425	PO109803.D	11 Mar 2025 21:13		YP/AJ	Ok,M
31	Q1536-02	60426	PO109804.D	11 Mar 2025 21:30	AR1242 Hit,	YP/AJ	Ok,M
32	AR1660CCC500	AR1660CCC500	PO109805.D	11 Mar 2025 21:49		YP/AJ	Ok
33	AR1242CCC500	AR1242CCC500	PO109806.D	11 Mar 2025 22:07		YP/AJ	Ok
34	AR1248CCC500	AR1248CCC500	PO109807.D	11 Mar 2025 22:26		YP/AJ	Ok
35	AR1254CCC500	AR1254CCC500	PO109808.D	11 Mar 2025 22:43		YP/AJ	Ok
36	I.BLK	I.BLK	PO109809.D	11 Mar 2025 23:01		YP/AJ	Ok
37	Q1536-03	60427	PO109810.D	11 Mar 2025 23:20		YP/AJ	Ok,M

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO031125

Review By	yogesh	Review On	3/12/2025 7:58:21 AM		
Supervise By	Ankita	Supervise On	3/12/2025 2:33:48 PM		
SubDirectory	PO031125	HP Acquire Method		HP Processing Method	PO022025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	AR1660CCC500	AR1660CCC500	PO109811.D	11 Mar 2025 23:38		YP/AJ	Ok,M
39	AR1242CCC500	AR1242CCC500	PO109812.D	11 Mar 2025 23:55		YP/AJ	Ok
40	AR1248CCC500	AR1248CCC500	PO109813.D	12 Mar 2025 00:14		YP/AJ	Ok
41	AR1254CCC500	AR1254CCC500	PO109814.D	12 Mar 2025 00:32		YP/AJ	Ok,M
42	I.BLK	I.BLK	PO109815.D	12 Mar 2025 00:51		YP/AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP031125

Review By	yogesh	Review On	3/12/2025 7:57:33 AM		
Supervise By	mohammad	Supervise On	3/19/2025 6:54:29 AM		
SubDirectory	PP031125	HP Acquire Method		HP Processing Method	PP031125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP070417.D	11 Mar 2025 14:41		YP\AJ	Ok
2	I.BLK	I.BLK	PP070418.D	11 Mar 2025 14:57		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP070419.D	11 Mar 2025 15:13		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP070420.D	11 Mar 2025 15:29		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP070421.D	11 Mar 2025 15:46		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP070422.D	11 Mar 2025 16:02		YP\AJ	Ok,M
7	AR1660ICC050	AR1660ICC050	PP070423.D	11 Mar 2025 16:18		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP070424.D	11 Mar 2025 16:34		YP\AJ	Ok
9	AR1232ICC1000	AR1232ICC1000	PP070425.D	11 Mar 2025 16:51		YP\AJ	Ok
10	AR1232ICC750	AR1232ICC750	PP070426.D	11 Mar 2025 17:07		YP\AJ	Ok
11	AR1232ICC500	AR1232ICC500	PP070427.D	11 Mar 2025 17:23		YP\AJ	Ok
12	AR1232ICC250	AR1232ICC250	PP070428.D	11 Mar 2025 17:40		YP\AJ	Ok,M
13	AR1232ICC050	AR1232ICC050	PP070429.D	11 Mar 2025 17:56		YP\AJ	Ok,M
14	AR1242ICC1000	AR1242ICC1000	PP070430.D	11 Mar 2025 18:12		YP\AJ	Ok
15	AR1242ICC750	AR1242ICC750	PP070431.D	11 Mar 2025 18:28		YP\AJ	Ok
16	AR1242ICC500	AR1242ICC500	PP070432.D	11 Mar 2025 18:45		YP\AJ	Ok
17	AR1242ICC250	AR1242ICC250	PP070433.D	11 Mar 2025 19:01		YP\AJ	Ok
18	AR1242ICC050	AR1242ICC050	PP070434.D	11 Mar 2025 19:17		YP\AJ	Ok,M

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP031125

Review By	yogesh	Review On	3/12/2025 7:57:33 AM		
Supervise By	mohammad	Supervise On	3/19/2025 6:54:29 AM		
SubDirectory	PP031125	HP Acquire Method		HP Processing Method	PP031125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248ICC1000	AR1248ICC1000	PP070435.D	11 Mar 2025 19:34		YP\AJ	Ok
20	AR1248ICC750	AR1248ICC750	PP070436.D	11 Mar 2025 19:50		YP\AJ	Ok
21	AR1248ICC500	AR1248ICC500	PP070437.D	11 Mar 2025 20:06		YP\AJ	Ok
22	AR1248ICC250	AR1248ICC250	PP070438.D	11 Mar 2025 20:22		YP\AJ	Ok
23	AR1248ICC050	AR1248ICC050	PP070439.D	11 Mar 2025 20:39		YP\AJ	Ok,M
24	AR1254ICC1000	AR1254ICC1000	PP070440.D	11 Mar 2025 20:55		YP\AJ	Ok
25	AR1254ICC750	AR1254ICC750	PP070441.D	11 Mar 2025 21:11		YP\AJ	Ok
26	AR1254ICC500	AR1254ICC500	PP070442.D	11 Mar 2025 21:28		YP\AJ	Ok
27	AR1254ICC250	AR1254ICC250	PP070443.D	11 Mar 2025 21:44		YP\AJ	Ok
28	AR1254ICC050	AR1254ICC050	PP070444.D	11 Mar 2025 22:00		YP\AJ	Ok
29	AR1262ICC500	AR1262ICC500	PP070445.D	11 Mar 2025 22:16		YP\AJ	Ok
30	AR1268ICC1000	AR1268ICC1000	PP070446.D	11 Mar 2025 22:33		YP\AJ	Ok
31	AR1268ICC750	AR1268ICC750	PP070447.D	11 Mar 2025 22:49		YP\AJ	Ok
32	AR1268ICC500	AR1268ICC500	PP070448.D	11 Mar 2025 23:05		YP\AJ	Ok
33	AR1268ICC250	AR1268ICC250	PP070449.D	11 Mar 2025 23:22		YP\AJ	Ok
34	AR1268ICC050	AR1268ICC050	PP070450.D	11 Mar 2025 23:38		YP\AJ	Ok,M
35	PP031125ICV500	ICVPP031125	PP070451.D	11 Mar 2025 23:54		YP\AJ	Ok
36	AR1232ICV500	ICVPP031125AR1232	PP070452.D	12 Mar 2025 00:10		YP\AJ	Ok
37	AR1242ICV500	ICVPP031125AR1242	PP070453.D	12 Mar 2025 00:27		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 # PP031125

Review By	yogesh	Review On	3/12/2025 7:57:33 AM		
Supervise By	mohammad	Supervise On	3/19/2025 6:54:29 AM		
SubDirectory	PP031125	HP Acquire Method		HP Processing Method	PP031125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	AR1248ICV500	ICVPP031125AR1248	PP070454.D	12 Mar 2025 00:43		YP\AJ	Ok
39	AR1254ICV500	ICVPP031125AR1254	PP070455.D	12 Mar 2025 00:59		YP\AJ	Ok
40	AR1268ICV500	ICVPP031125AR1268	PP070456.D	12 Mar 2025 01:16		YP\AJ	Ok
41	AR1660CCC500	AR1660CCC500	PP070457.D	12 Mar 2025 01:32		YP\AJ	Ok
42	AR1232CCC500	AR1232CCC500	PP070458.D	12 Mar 2025 01:48		YP\AJ	Ok
43	AR1242CCC500	AR1242CCC500	PP070459.D	12 Mar 2025 02:04		YP\AJ	Ok
44	I.BLK	I.BLK	PP070460.D	12 Mar 2025 02:21		YP\AJ	Ok
45	PB167066BL	PB167066BL	PP070461.D	12 Mar 2025 02:37	Already run	YP\AJ	Not Ok
46	Q1502-15	PT-PCBW-WP	PP070462.D	12 Mar 2025 02:53	AR1232 HIT	YP\AJ	Ok
47	AR1660CCC500	AR1660CCC500	PP070463.D	12 Mar 2025 03:09		YP\AJ	Ok
48	AR1232CCC500	AR1232CCC500	PP070464.D	12 Mar 2025 03:26		YP\AJ	Ok
49	AR1242CCC500	AR1242CCC500	PP070465.D	12 Mar 2025 03:42		YP\AJ	Ok,M
50	I.BLK	I.BLK	PP070466.D	12 Mar 2025 03:58		YP\AJ	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB167066

SOP ID:	M3510C,3580A-Extraction PCB-14				
Clean Up SOP #:	Acid Cleanup			**Extraction Start Date :**	03/11/2025
Matrix :	Water			**Extraction Start Time :**	08:35
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	03/11/2025
Balance check:	RJ	**Filter By:**	RS	**Extraction End Time :**	15:45
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3880	**Hood ID:**	4,5,6,7	**Supervisor By :**	RUPESH

Extraction Method: ☑ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24209
Surrogate	1.0ML	200 PPB	PP24217
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
Methylene Chloride	N/A	E3878
Baked Na2SO4	N/A	EP2593
Hexane	N/A	E3877
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
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40BTS721. Q1541-01 added in batch at 11:46, Q1538 Used Limited volume sample is oily.

KD Bath ID:	N/A	**Envap ID:**	NEVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
3/11/25	RS (Ext lab)	R. Perl - PCB Lab
15:50	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB167066

Analytical Method: M3510C,3580A-Extraction PCB-14

Concentration Date: 03/11/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167066BL	ABLK066	PCB	1000	6	RUPESH	ritesh	10			SEP-1
PB167066BS	ALCS066	PCB	1000	6	RUPESH	ritesh	10			2
PB167066BSD	ALCSD066	PCB	1000	6	RUPESH	ritesh	10			3
Q1502-15	PT-PCBW-WP	PCB	1000	6	RUPESH	ritesh	10			4
Q1536-01	60425	PCB	1000	6	RUPESH	ritesh	10	C		5
Q1536-02	60426	PCB	990	6	RUPESH	ritesh	10	C		6
Q1536-03	60427	PCB	1000	6	RUPESH	ritesh	10	C		7
Q1538-01	BELL-25-0004	PCB	100	6	RUPESH	ritesh	10	D	Oily	8
Q1541-01	205703	PCB	980	6	RUPESH	ritesh	10	E		9

RS
3/11

* **Extracts relinguished on the same date as received.**

167066
8:35

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1538 **WorkList ID :** 188182 **Department :** Extraction **Date :** 03-11-2025 08:28:35

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1502-15	PT-PCBW-WP	Water	PCB	Cool 4 deg C	ALLI03	QA Of	03/03/2025	8082A
Q1536-01	60425	Water	PCB	Cool 4 deg C	PSEG03	I31	03/10/2025	8082A
Q1536-02	60426	Water	PCB	Cool 4 deg C	PSEG03	I31	03/10/2025	8082A
Q1536-03	60427	Water	PCB	Cool 4 deg C	PSEG03	I31	03/10/2025	8082A
Q1538-01	BELL-25-0004	Water	PCB	Cool 4 deg C	PSEG03	H21	03/10/2025	8082A

Date/Time 3/11/25 8:30
Raw Sample Received by: RS (Ext Lab)
Raw Sample Relinquished by: CP SM

Date/Time 3/11/25 9:00
Raw Sample Received by: CP SM
Raw Sample Relinquished by: RS (Ext. Lab)

167066 PCB

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1541 **WorkList ID :** 188201 **Department :** Extraction **Date :** 03-11-2025 11:46:54

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1539-01	TAPIAL3-MW03D-031025-00-T	Water	PESTICIDE Group1	Cool 4 deg C	WEST04	I31	03/10/2025	8081B
Q1539-02	TAPFTA-MW01I-031025-00-T2	Water	PESTICIDE Group1	Cool 4 deg C	WEST04	I31	03/10/2025	8081B
Q1541-01	205703	Water	PCB	Cool 4 deg C	PSEG03	H31	03/11/2025	8082A

Date/Time 3/11/25 11:46
Raw Sample Received by: RS (EXT-lab)
Raw Sample Relinquished by:

Date/Time 3/11/25 12:00
Raw Sample Received by:
Raw Sample Relinquished by: RS (EXT-lab)

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

Prep Standard - Chemical Standard Summary

Order ID : Q1502

Test : PCB

Prepbatch ID : PB167066,

Sequence ID/Qc Batch ID: PO031125,pp031125,

Standard ID :

EP2565,EP2593,PP23733,PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775,PP23776,PP23777,PP23778,PP23779,PP23780,PP23781,PP23782,PP23783,PP23784,PP23785,PP23786,PP23787,PP23788,PP23789,PP23790,PP23946,PP23947,PP24209,PP24217,

Chemical ID :

E3551,E3804,E3805,E3825,E3876,E3877,E3878,M5173,P10483,P10500,P11507,P11512,P11521,P11581,P11587,P11590,P11597,P12698,P12929,P12934,P12947,P12948,P12957,P13033,P13350,P13354,P13372,W3112,

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

Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
314	1.1 H2SO4 SOLN	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
3923	Baked Sodium Sulfate	EP2593	03/07/2025	07/01/2025	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 03/07/2025

FROM 4000.00000gram of E3551 = Final Quantity: 4000.000 gram

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
84	Pest/PCB Surrogate Stock 20 PPM	PP23733	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 1.00000ml of P13350 + 9.00000ml of E3805 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
202	AR1660 1000/100 ppb working solution 1st source	PP23735	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P10483 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
203	AR1660 750 PPB STD	PP23736	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23735 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
204	AR1660 500 PPB STD	PP23737	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23735 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
205	AR1660 250 PPB STD	PP23738	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23735 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
206	AR1660 50 PPB STD	PP23739	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23737 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
213	AR1221 1000 PPB WORKING SOLUTION	PP23740	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P11581 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1079	AR1221 750 PPB STD	PP23741	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23740 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
222	AR1221 500 PPB STD	PP23742	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23740 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1080	AR1221 250 PPB STD	PP23743	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23740 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1081	AR1221 50 PPB STD	PP23744	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23742 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
214	AR1232 1000 PPB WORKING SOLUTION	PP23745	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P11587 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1063	AR1232 750 PPB STD	PP23747	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23745 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
223	AR1232 500 PPB STD	PP23748	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23745 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1064	AR1232 250 PPB STD	PP23749	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23745 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1065	AR1232 50 PPB STD	PP23750	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23748 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
215	AR1242 1000 PPB WORKING STD	PP23751	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P12929 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1067	AR1242 750 PPB STD	PP23752	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23751 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
224	AR1242 500 PPB STD	PP23753	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23751 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1068	AR1242 250 PPB STD	PP23754	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23751 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1069	AR1242 50 PPB STD	PP23755	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23753 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
216	AR1248 1000 PPB WORKING STD	PP23756	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P12934 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1075	AR1248 750 PPB STD	PP23757	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23756 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
225	AR1248 500 PPB STD	PP23758	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23756 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1076	AR1248 250 PPB STD	PP23759	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23756 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1077	AR1248 50 PPB STD	PP23760	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23758 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
217	AR1254 1000 PPB WORKING STD	PP23761	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P11590 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1071	AR1254 750 PPB STD	PP23762	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23761 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
226	AR1254 500 PPB STD	PP23763	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23761 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1072	AR1254 250 PPB STD	PP23764	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23761 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1073	AR1254 50 PPB STD	PP23765	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23763 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1529	AR1262 1000 PPB Working Solution	PP23766	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P10500 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3753	AR1262 750 PPB STD	PP23767	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23766 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1530	AR1262 500 PPB STD	PP23768	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23766 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3754	AR1262 250 PPB STD	PP23769	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23766 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3755	AR1262 50 PPB STD	PP23770	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23768 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1532	AR1268 1000 PPB Working Solution	PP23771	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P11597 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3820	AR1268 750 PPB STD	PP23772	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23771 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1533	AR1268 500 PPB STD	PP23773	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23771 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3821	AR1268 250 PPB STD	PP23774	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23771 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3822	AR1268 50 PPB STD	PP23775	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23773 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
404	AR1660 100 PPM Stock Solution 2nd Source	PP23776	10/03/2024	04/01/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 1.00000ml of P12947 + 9.00000ml of E3804 = Final Quantity: 10.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
405	AR1660 1000/100 PPB ICV STD	PP23777	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 98.50000ml of E3805 + 0.50000ml of PP23733 + 1.00000ml of PP23776 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
406	AR1660 500 PPB ICV	PP23778	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23777 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3789	AR1221 1000 PPB WORKING SOL.2ND SOURCE(AGILENT)	PP23779	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 1.00000ml of P13372 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3790	AR1221 500 PPB ICV(AGILENT)	PP23780	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23779 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1887	AR1232 1000 PPB Working Sol. 2nd Source	PP23781	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 1.00000ml of P12698 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1889	AR1242 1000 PPB Working Sol. 2nd Source	PP23782	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 1.00000ml of P11507 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1888	AR1232 500 PPB ICV	PP23783	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23781 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1891	AR1242 500 PPB ICV	PP23784	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23782 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1890	AR1248 1000 PPB Working Sol. 2nd Source	PP23785	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P11512 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1892	AR1248 500 PPB ICV	PP23786	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23785 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1893	AR1254 1000 PPB Working Sol. 2nd Source	PP23787	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 1.00000ml of P12957 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1894	AR1254 500 PPB ICV	PP23788	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23787 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3757	AR1262 1000 PPB Working Solution second source	PP23789	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P13033 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3758	AR1262 500 PPB STD ICV	PP23790	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23789 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3817	AR1268 1000 ppb Working Soln. 2nd source	PP23946	11/07/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 11/13/2024

FROM 1.00000ml of P11521 + 98.50000ml of E3825 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3823	AR1268 500 PPB STD ICV	PP23947	11/07/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 11/13/2024

FROM 0.50000ml of E3825 + 0.50000ml of PP23946 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3857	5000 PPB PCB SPIKE SOLUTION 2ND SOURCE	PP24209	02/27/2025	08/27/2025	Ankita Jodhani	None	None	Yogesh Patel 03/06/2025

FROM 0.50000ml of P12948 + 99.50000ml of E3876 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
465	200 PPB Pest/PCB Surrogate Spike	PP24217	03/05/2025	08/25/2025	Abdul Mirza	None	None	Yogesh Patel 03/06/2025

FROM 1.00000ml of P13354 + 999.00000ml of E3876 = Final Quantity: 1000.000 ml

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
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)	24C1862008	03/30/2025	09/30/2024 / Rajesh	09/25/2024 / Rajesh	E3805

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	11/06/2025	11/06/2024 / Rajesh	11/01/2024 / Rajesh	E3825

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	08/25/2025	02/25/2025 /	02/12/2025 / Rajesh	E3876

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

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	24K1762005	08/14/2025	02/14/2025 / Rajesh	12/27/2024 / Rajesh	E3878

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 #
Restek	32039 / PCB Mix, Aroclor 1016/1260, 1000ug/mL, hexane, 1mL/ampul	A0163157	04/03/2025	10/03/2024 / Ankita	03/19/2021 / Abdul	P10483

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	A0167722	04/03/2025	10/03/2024 / Ankita	03/19/2021 / Ankita	P10500

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-312-1 / Aroclor 1242	0006665550	04/03/2025	10/03/2024 / Ankita	02/21/2022 / Ankita	P11507

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-342-1 / Aroclor 1248	0006626997	04/03/2025	10/03/2024 / Ankita	02/21/2022 / Ankita	P11512

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-382-1 / Aroclor 1268	0006587800	05/07/2025	11/07/2024 / Ankita	02/21/2022 / Ankita	P11521

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	A0175456	04/03/2025	10/03/2024 / Ankita	03/18/2022 / Abdul	P11581

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	A0173309	04/03/2025	10/03/2024 / Ankita	03/18/2022 / Abdul	P11587

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32011 / PCB Mix, Aroclor 1254, 1000ug/mL, Hexane, 1mL/ampul	A0175403	04/03/2025	10/03/2024 / Ankita	03/18/2022 / Abdul	P11590

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	A0181782	04/03/2025	10/03/2024 / Ankita	03/18/2022 / Abdul	P11597

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	04/03/2025	10/03/2024 / Ankita	08/07/2023 / Ankita	P12698

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32009 / PCB Mix, Aroclor 1242, 1000ug/mL, Hexane, 1mL/ampul	a0203672	04/03/2025	10/03/2024 / Ankita	12/07/2023 / Ankita	P12929

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	04/03/2025	10/03/2024 / Ankita	12/07/2023 / Ankita	P12934

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	022023	04/03/2025	10/03/2024 / Ankita	12/20/2023 / Yogesh	P12947

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	022023	08/27/2025	02/27/2025 / Ankita	12/20/2023 / Yogesh	P12948

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 #
Absolute Standards,Inc	90165 / Aroclor 1262	112322	04/03/2025	10/03/2024 / Ankita	12/20/2023 / Yogesh	P13033

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0206810	04/03/2025	10/03/2024 / Ankita	04/22/2024 / Abdul	P13350

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	09/05/2025	03/05/2025 / Abdul	04/22/2024 / Abdul	P13354

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-292-1 / Aroclor 1221	0006783205	04/03/2025	10/03/2024 / Ankita	05/02/2024 / Ankita	P13372

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

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.

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

Hexanes (95% n-hexane)
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker®

Material No.: 9262-03
Batch No.: 24C1862008
Manufactured Date: 2024-01-30
Expiration Date: 2025-04-30
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 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	0.4 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

Recd by RP on 9/25/24

E3805

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker®

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

E3825

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

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 2/12/25

E 3876

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

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.

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor | J.T.Baker

Material No.: 9266-A4
Batch No.: 24K1762005
Manufactured Date: 2024-10-08
Expiration Date:2026-01-07
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	2
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.5 ppm
Titrable Acid (µeq/g)	<= 0.3	0.0
Chloride (Cl)	<= 10 ppm	<5 ppm
Water (by KF, coulometric)	<= 0.02 %	0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E 3878

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials,LLC
100 Matsonford Rd, Suite 200,Radnor,PA,19087.U.S.A.Phone 610.386.1700

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

RESTEK®
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32039 **Lot No.:** A0163157

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 : November 30, 2026 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound		Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Aroclor 1016		1,007.0 µg/mL	+/- 5.8683	µg/mL	Gravimetric
	CAS # 12674-11-2	(Lot 04)		+/- 31.9082	µg/mL	Unstressed
	Purity ----%			+/- 41.6868	µg/mL	Stressed
2	Aroclor 1260		1,008.0 µg/mL	+/- 5.8741	µg/mL	Gravimetric
	CAS # 11096-82-5	(Lot 07)		+/- 31.9399	µg/mL	Unstressed
	Purity ----%			+/- 41.7282	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P10476
&
P10480

AR
02/19/21

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

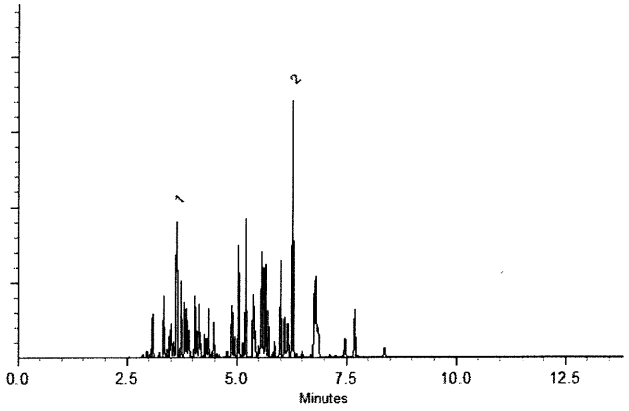
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Tom Suckar - Mix Technician

Date Mixed: 03-Aug-2020 **Balance:** B442140311

Justine Albertson - Operations Tech-ARM QC

Date Passed: 05-Aug-2020

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK®
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32409 **Lot No.:** A0167722

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, 2027 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Aroclor 1262	1,004.0 µg/mL	+/- 5.9635	µg/mL	Gravimetric
	CAS # 37324-23-5 (Lot 10849100)		+/- 31.8340	µg/mL	Unstressed
	Purity ----%		+/- 41.5787	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P10496
J
P10500

AJ
09/19/21

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

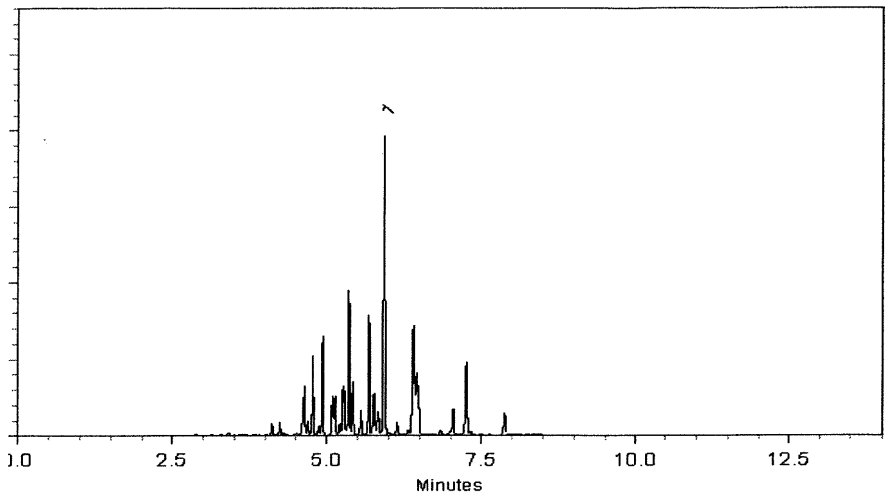
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 03-Jan-2021 **Balance:** B707717271

Marlina Cowan - Operations Tech I

Date Passed: 05-Jan-2021

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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.

P11533 + P11537

AJ 02/21/22

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

ISO 17034

Agilent
Trusted Answers

Reference Material Certificate

Product Name:	Aroclor 1248 Standard	**Lot Number:**	0006626997
Product Number:	PP-342-1	**Lot Issue Date:**	17-Aug-2021
Storage Conditions:	Store at Room Temperature (15° to 30°C).	**Expiration Date:**	30-Sep-2025

	CERTIFIED VALUES				
Component Name	Concentration		Expanded 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 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.

P11508 ↓ P11512 AJ 12/21/22

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

P11518 ↓ P11522 AJ 02/21/22

Agilent

Certificate of Analysis

Product Name: Aroclor 1268 Standard

Product Number: PP-382-1 **Lot Issue Date:** 09-Feb-2021

Lot Number: 0006587800 **Expiration Date:** 31-Mar-2029

Description:
This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
Aroclor 1268	011100-14-4	RM00937	100.0 ± 0.5 µg/mL

Matrix: isooctane (2,2,4-trimethylpentane)

Storage Conditions: Store at Room Temperature (15° to 30°C).

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Intended Use:
This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

Expiration of Certification:
The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

M Bourgeois

Monica Bourgeois
QMS Representative

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED TESTING LABORATORY
ISO 17025 Cert No. AT-1937

250 Smith Street North Kingstown, Rhode Island 02852 www.agilent.com/quality

RESTEK®
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32007 **Lot No.:** A0175456

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, 2027 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Aroclor 1221	1,002.0 µg/mL	+/- 5.9516	µg/mL	Gravimetric
	CAS # 11104-28-2 (Lot 10210500)		+/- 31.7706	µg/mL	Unstressed
	Purity ----%		+/- 41.4958	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P 11578 ↓ P 11582 (S)

AR 04/30/22

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

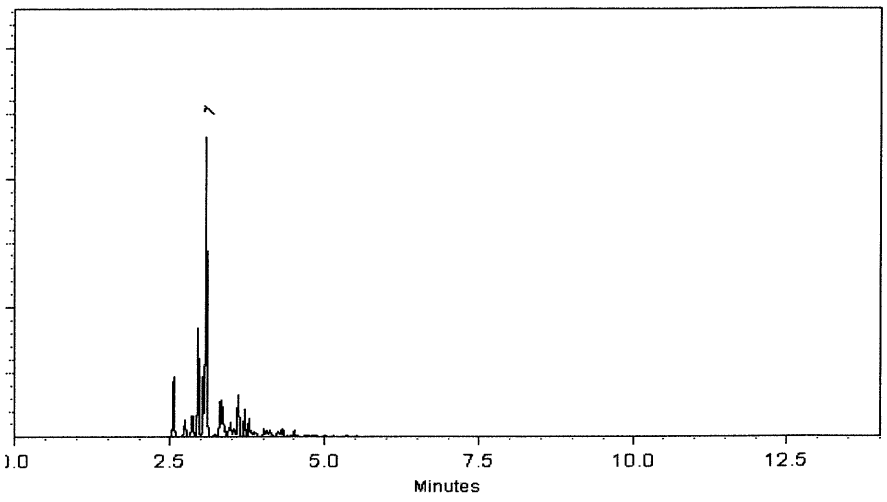
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 16-Aug-2021 **Balance:** B442140311

Marlina Cowan - Operations Tech I

Date Passed: 18-Aug-2021

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P11578 ↓ P11582 (5)

AR 04/30/22

RESTEK®
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32008 **Lot No.:** A0173309

Description : Aroclor® 1232 Standard

Aroclor® 1232 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2027 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Aroclor 1232	1,001.0 µg/mL	+/- 5.9456 µg/mL	Gravimetric
	CAS # 11141-16-5 (Lot 15665-01)		+/- 31.7389 µg/mL	Unstressed
	Purity ----%		+/- 41.4544 µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P11583 ↓ P11597 (S)

AR 04/30/22

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

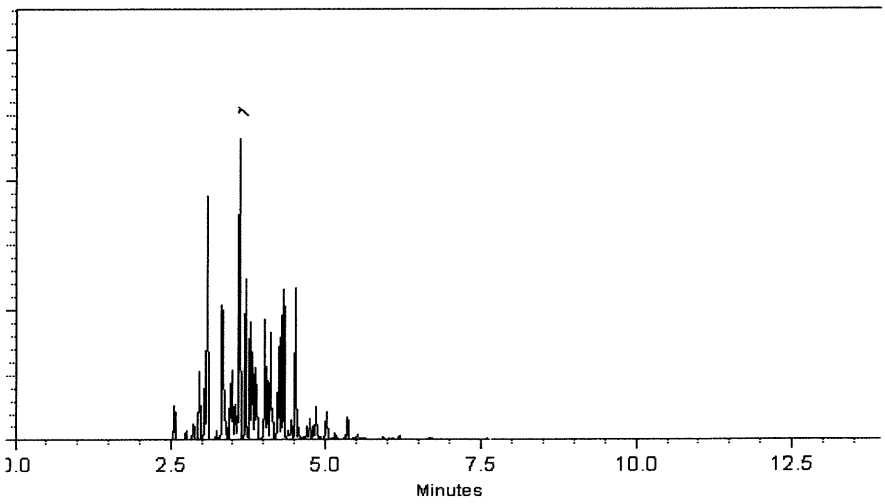
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 13-Jun-2021 **Balance:** B442140311

Alexis Shelow - Operations Tech I

Date Passed: 16-Jun-2021

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P11583 ↓ P11587 | (5)

AR 04/30/22

RESTEK®
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32011 **Lot No.:** A0175403

Description : Aroclor® 1254 Standard

Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2027 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Aroclor 1254	1,000.7 µg/mL	+/- 5.9437	µg/mL	Gravimetric
	CAS # 11097-69-1 (Lot 124-191-B)		+/- 31.7284	µg/mL	Unstressed
	Purity ----%		+/- 41.4406	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P11588 ↓ P11592 | 5

AR 04/30/2022

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

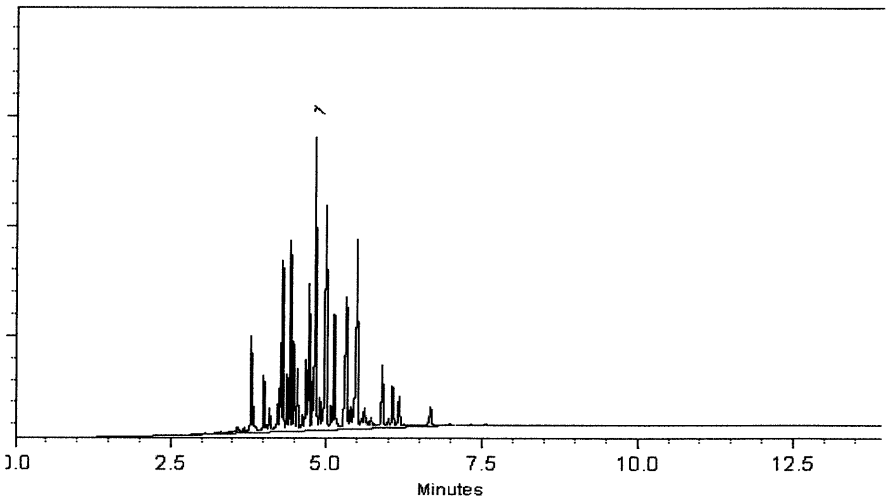
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Cathleen Soltis - Mix Technician

Date Mixed: 15-Aug-2021 **Balance:** 1128360905

Alexis Shelow - Operations Tech I

Date Passed: 17-Aug-2021

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P11588 | (5)
1
P11592

AR
04/30/22

RESTEK®
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32410 **Lot No.:** A0181782

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, 2028 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Aroclor 1268	1,001.4 µg/mL	+/- 5.9480	µg/mL	Gravimetric
	CAS # 11100-14-4 (Lot 10947000)		+/- 31.7516	µg/mL	Unstressed
	Purity ----%		+/- 41.4710	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P 11593 (5)
↓
P 11597

AR 04/30/2022

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

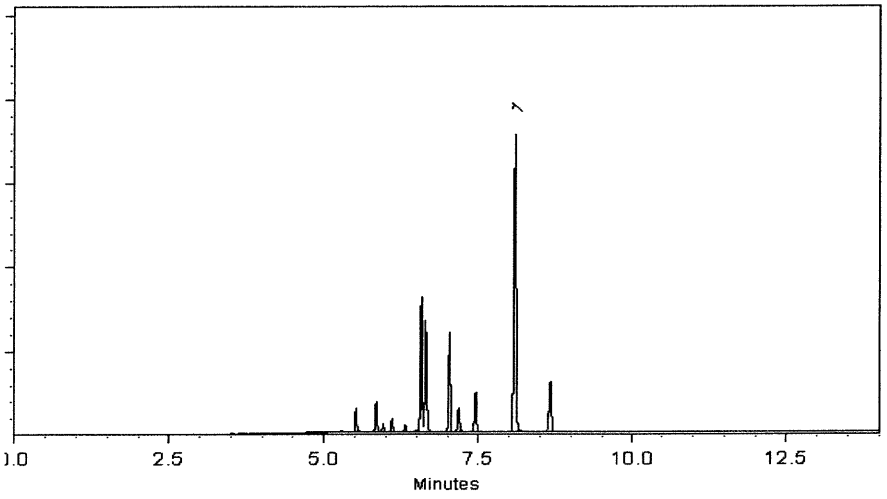
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 14-Feb-2022 **Balance:** 1128360905

Clara Windle - Operations Technician I

Date Passed: 17-Feb-2022

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P 11593 (5)
↓
P 11597
04/30/2022

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Refere

CERTIFIED WEIGHT REPORT

Part Number:	91867
Lot Number:	020823
Description:	WP 037 - Aroclor 1232 PCB Technical Mixture
Expiration Date:	020833
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	100
NIST Test ID#:	6UTB

Solvent(
Aceton

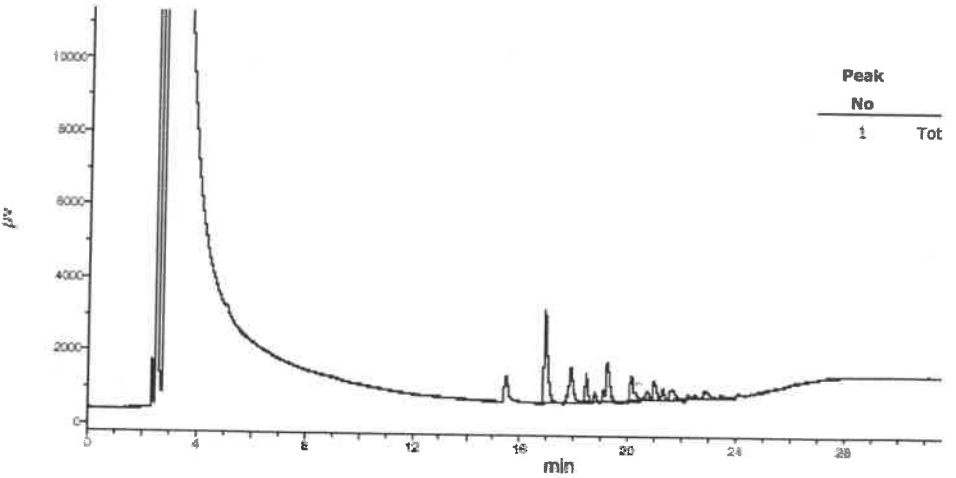
Weight(s) shown below were combined and diluted to (mL): 100.0

5E-05 Balance Uncertainty
0.057 Flask Uncertainty

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g
1. Aroclor 1232	17	45-6A	100	100	0.5	0.01000

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measure Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



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.)

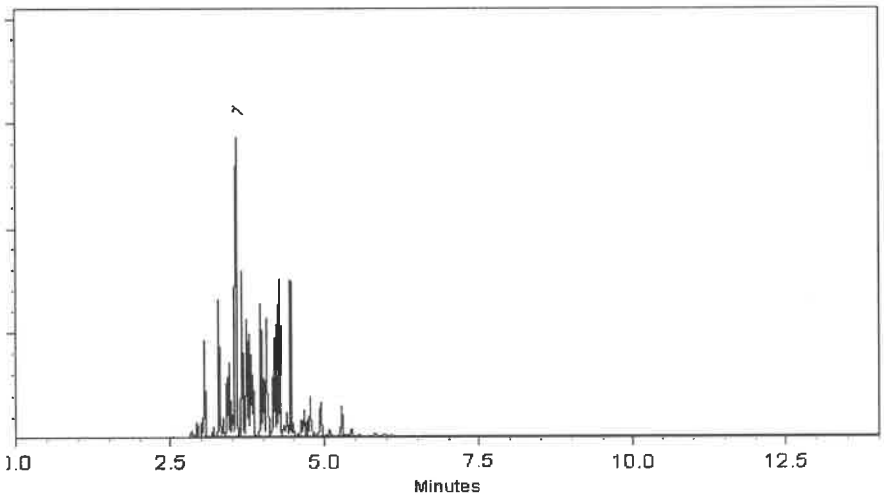
Inj. Temp:
250°C

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

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.

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.)

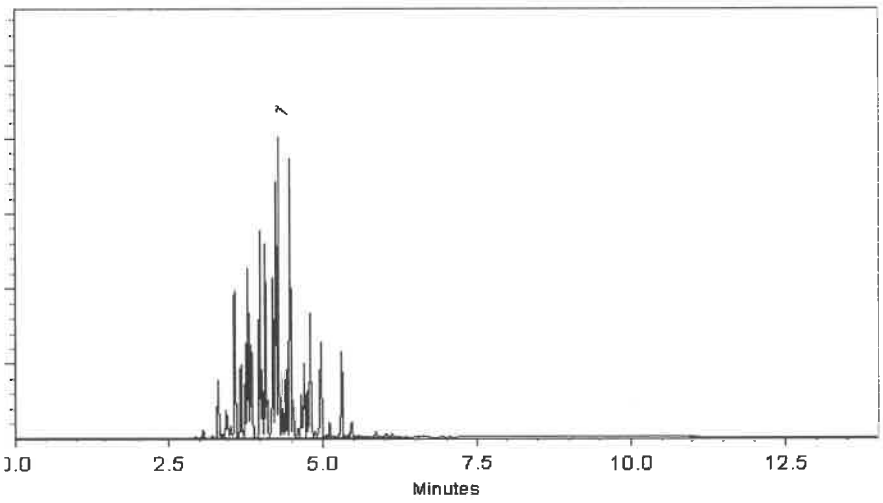
Inj. Temp:
250°C

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

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	20064
Lot Number:	022023
Description:	CLP PCB'S - Aroclor Mix
	Aroclors 1016 & 1260
Expiration Date:	022033
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	1000
NIST Test ID#:	6UTB

Solvent(s): Hexane **Lot#** 273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

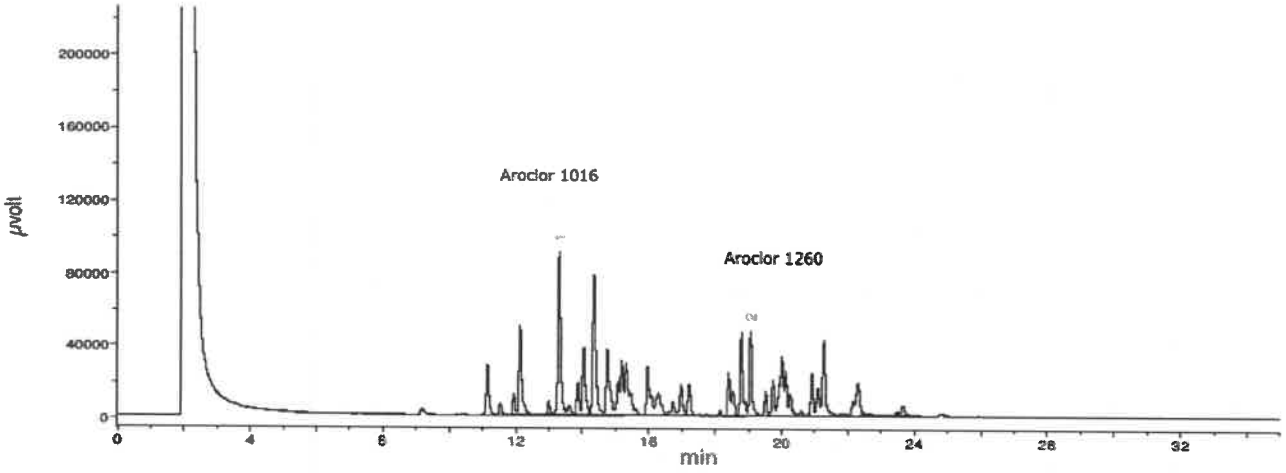
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

P12946 ↓ P12955 — Y.P. 12/20/23

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1016	15	020491JC	1000	100	0.2	0.20004	0.20060	1002.8	4.0	12674-11-2	N/A	N/A
2. Aroclor 1260	21	020491JC	1000	100	0.2	0.20004	0.20081	1003.9	4.0	11096-82-5	0.5mg/m3	orl-rat 1315mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	20064
Lot Number:	022023
Description:	CLP PCB'S - Aroclor Mix
	Aroclors 1016 & 1260
Expiration Date:	022033
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	1000
NIST Test ID#:	6UTB

Solvent(s): Hexane **Lot#** 273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

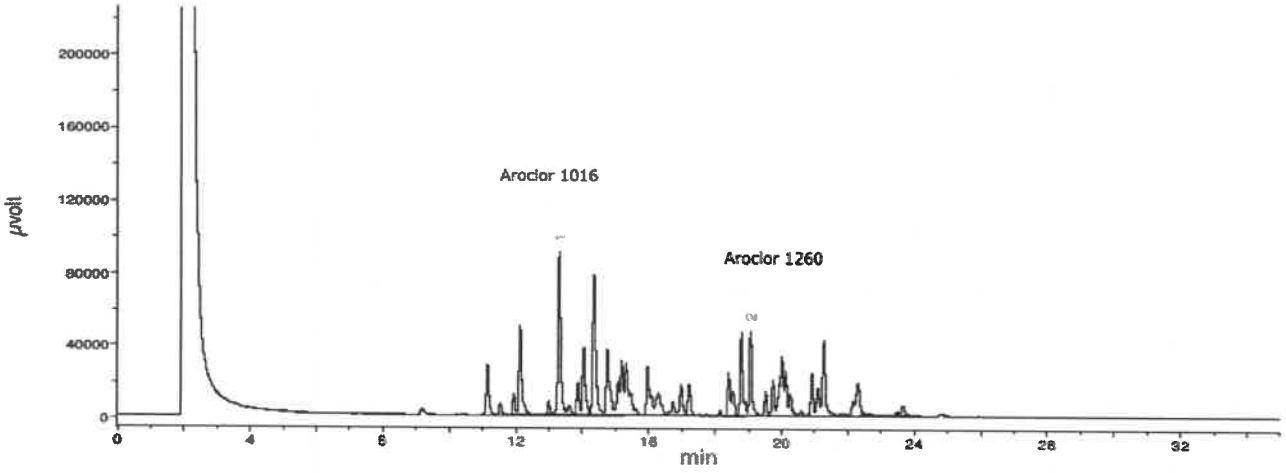
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

P12946 ↓ P12955 — Y.P. 12/20/23

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1016	15	020491JC	1000	100	0.2	0.20004	0.20060	1002.8	4.0	12674-11-2	N/A	N/A
2. Aroclor 1260	21	020491JC	1000	100	0.2	0.20004	0.20081	1003.9	4.0	11096-82-5	0.5mg/m3	orl-rat 1315mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	99139	**Solvent(s):**	**Lot#**	
Lot Number:	121823	Iso-octane	82227	
Description:	Aroclor 1254			
Expiration Date:	121833			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	100			
NIST Test ID#:	6UTB	5E-05	Balance Uncertainty	
Volume(s) shown below were combined and diluted to (mL):		20.0	0.003	Flask Uncertainty

		121823
Formulated By:	Anthony Mahoney	DATE
		121823
Reviewed By:	Pedro L. Rentas	DATE

P12956 & P12957 Y.P. 12/20/23

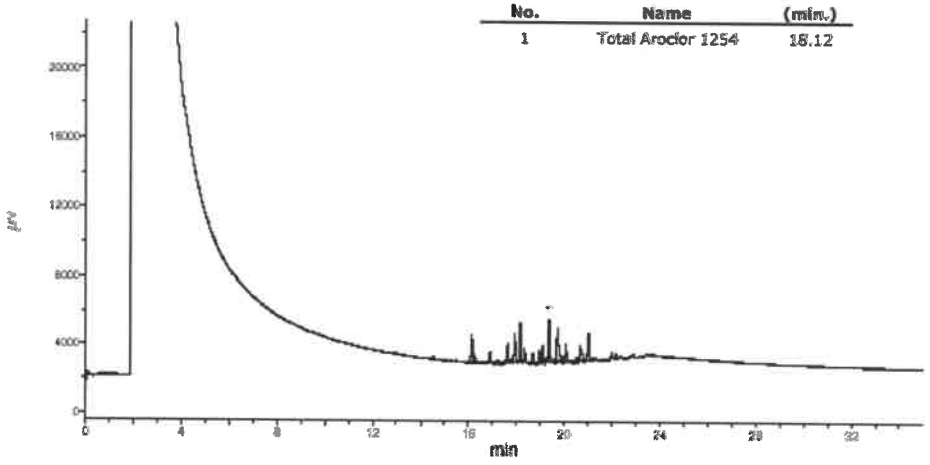
Note: Aroclor 1254 is a mix of isomers.

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



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 90165
Lot Number: 112322
Description: Aroclor 1262

Solvent(s): Hexane **Lot#** 273615

Expiration Date: 112332
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

Weight(s) shown below were combined and diluted to (mL): 50.0 ± 0.005 Flask Uncertainty

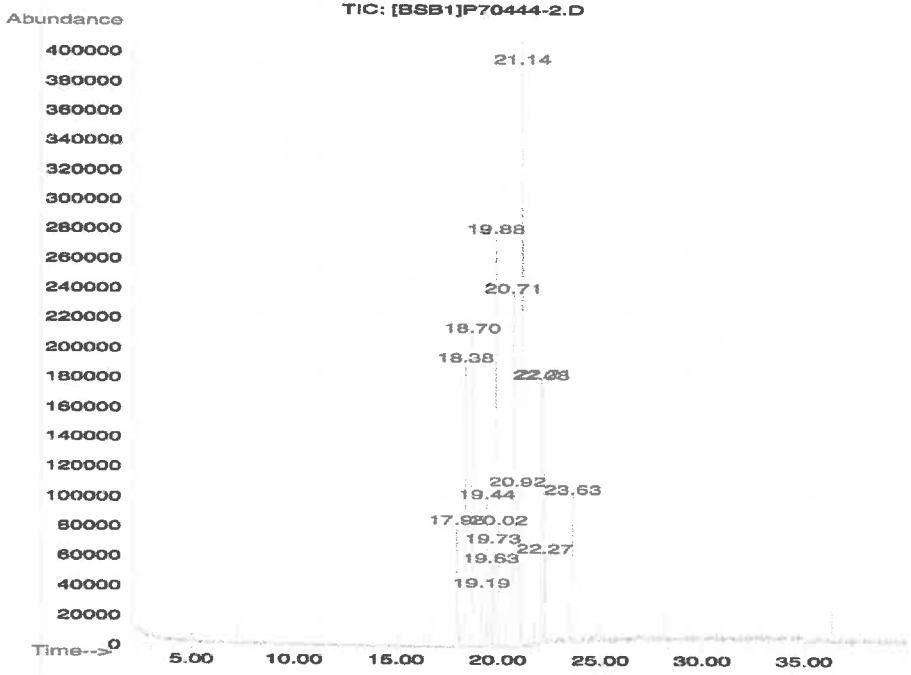
5E-05 Balance Uncertainty

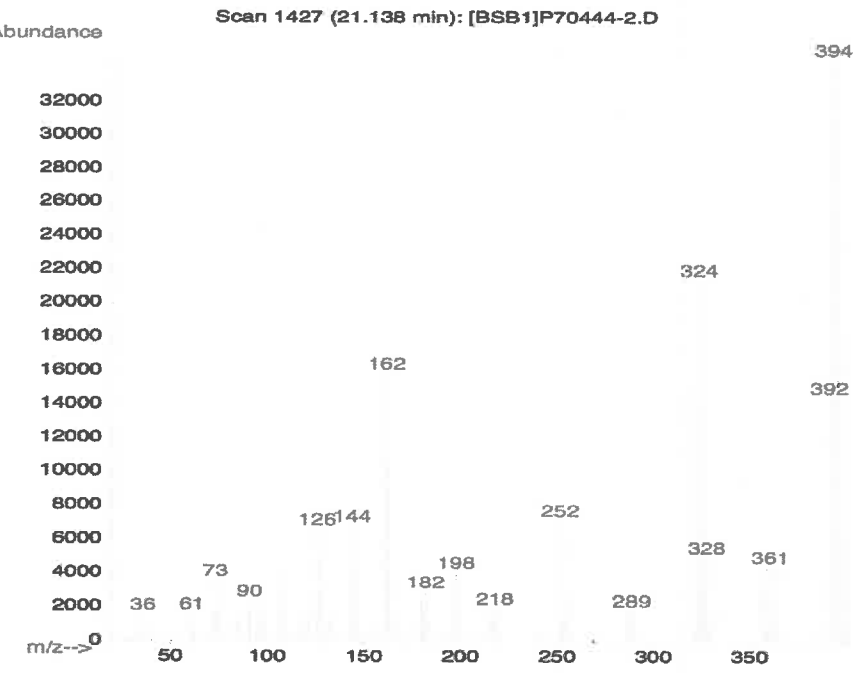
Formulated By: Prashant Chauhan	112322 DATE
Reviewed By: Pedro L. Rentas	112322 DATE

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 1262	444	W-130-05	1000	100	0.2	0.05003	0.05016	1002.7	4.5	37324-23-5	N/A	orl-rat 11300mg/kg

Method GC7MSD-7.M: Column:(30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 150°C (0min.), Temp 2 = 290°C (12.5 min.), Rate = 8°C/min., Injector B= 200°C, Detector B = 290°C.

P13032 2 P13033 Y.P. 12/21/23





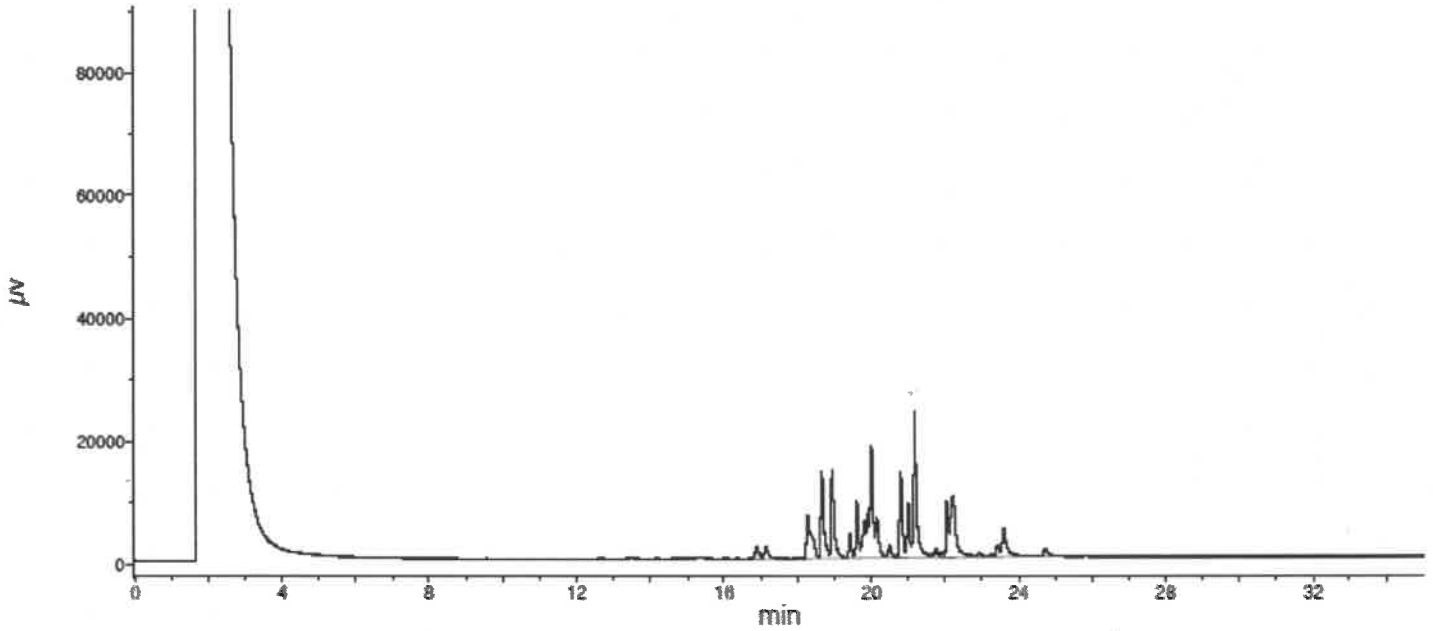
- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, 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).

Run 20, "P90165 L112322 [1000µg/mL in hexane]"

Run Length: 35.00 min, 21000 points at 10 points/second.
Created: Thu, Dec 8, 2022 at 2:31:02 AM.
Sampled: Sequence "120722-GC3M1", Method "GC3-M1".
Analyzed using Method "GC3-M1".

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



RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

P13348 → P13357 (10)

Catalog No. : 32000 **Lot No.:** A0206810

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

04/25/2024

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.3 µg/mL	+/- 11.1143
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	200.6 µg/mL	+/- 11.1298

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
hellum-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

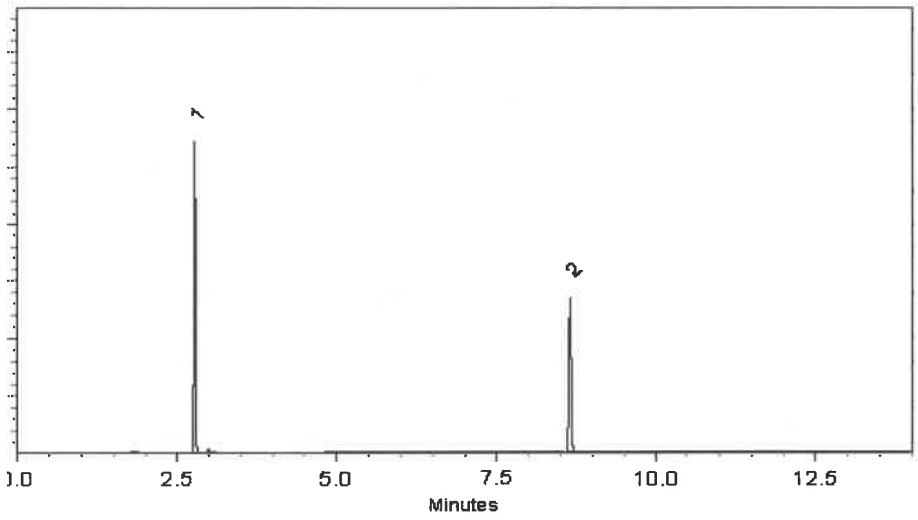
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I

Date Mixed: 22-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P13348 (10)

↓

P13357

04/25/2025

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

P13348 → P13357 (10)

Catalog No. : 32000 **Lot No.:** A0206810

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

04/25/2024

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.3 µg/mL	+/- 11.1143
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	200.6 µg/mL	+/- 11.1298

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
hellum-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

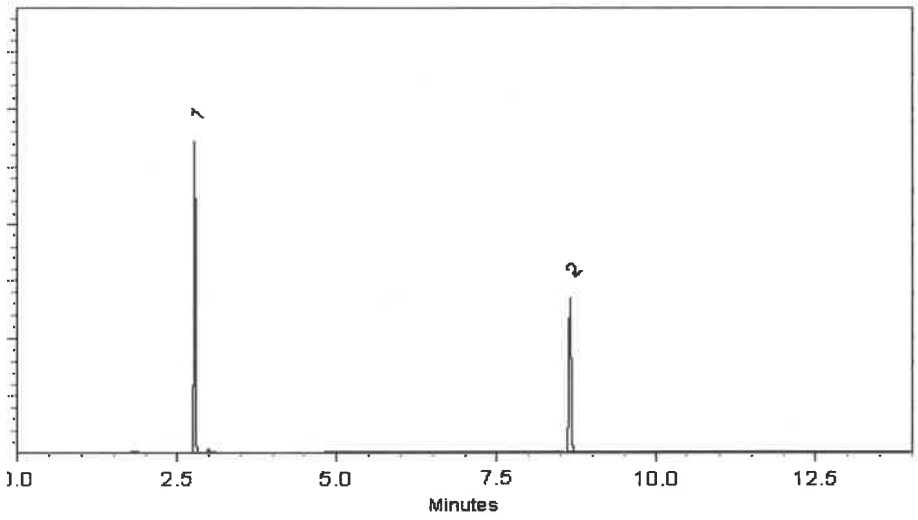
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I

Date Mixed: 22-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P13348 (10)

↓

P13357

04/25/2025

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
↓
P133f3

AJ
05106124

250 Smith Street North Kingstown, Rhode Island 02852 **www.agilent.com/quality**

Agilent

Trusted Answers

Maintenance of Certification:

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois

QMS Representative

ANAB ANSI National Accreditation Board ACCREDITED REFERENCE MATERIAL PRODUCER

ISO 17034
Cert No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015 Quality Management System. Cert# 951215321

www.agilent.com/quality/

CSD-QA-015.2

ISO 17025
Cert No. AT-1937

250 Smith Street North Kingstown, Rhode Island 02852 **www.agilent.com/quality**

SHIPPING DOCUMENTS

phenova® Certified Reference Materials | A Phenomenex® Company

Packing List

Date	Order #
03/03/2025	333289

6390 Joyce Dr., #100
Golden, CO 80403

Tel: +1-303-940-0033
Fax: +1-303-940-0043
info@phenova.com
www.phenova.com

For terms and conditions of your order, please visit:
www.phenova.com/home/termsofsale

Ship To

Alliance Tech Group - Newark
ATTN: Sohil Jodhani
284 Sheffield St., #1
Mountainside, NJ 07092
USA

Received by: SJ
3/5/2025 14:30

Customer PO #	Terms	PT Acct #	Customer #	Ship Via	F.O.B.
PO2-1517	Net 30	ZCM-100	1500470	FedEx 2nd Day	Golden, CO

Qty Ordered	Qty Shipped	Qty Backorder	Part Number	Part Description	Study Number	Lot Number
			PT-TMSET-WP	WP Trace Metals Set : (TM1, HG and SNTI)		
1	1	0	PT-TM1-WP	WP Trace Metals 1	WP0325	8264-04
1	1	0	PT-HG-WP	WP Mercury	WP0325	8264-05
1	1	0	PT-SNTI-WP	WP Tin & Titanium	WP0325	8264-38
1	1	0	PT-CR6-WP	WP Hexavalent Chromium	WP0325	8264-06
1	1	0	PT-DEM-WP	WP Demand	WP0325	8264-07
			PT-MINSET-WP	WP Minerals Set : (MIN1, MIN2 and COND)		
1	1	0	PT-MIN1-WP	WP Minerals 1 Only	WP0325	8264-08
1	1	0	PT-MIN2-WP	WP Minerals 2 Only	WP0325	8264-102
1	1	0	PT-COND-WP	WP Conductivity Only	WP0325	8264-72
1	1	0	PT-SOL-WP	WP Solids	WP0325	8264-09
			PT-NUTSET-WP	WP Nutrients Set : (NUT1, NUT2 and NUT3)		
1	1	0	PT-NUT1-WP	WP NUT1 Simple Nutrients Only	WP0325	8264-10
1	1	0	PT-NUT2-WP	WP NUT2 - Complex Nutrients	WP0325	8264-11
1	1	0	PT-NUT3-WP	WP NUT3 - Nitrite Only	WP0325	8264-69
1	1	0	PT-OGR1L-WP	WP Oil and Grease 1L	WP0325	8264-103
1	1	0	PT-CL-WP	WP Residual Chlorine	WP0325	8264-13
1	1	0	PT-PH-WP	WP pH	WP0325	8264-15
1	1	0	PT-CN-WP	WP Cyanide	WP0325	8264-14
1	1	0	PT-PHEN-WP	WP Phenolics	WP0325	8264-16

phenova® Certified Reference Materials | A Phenomenex® Company

Packing List

Date	Order #
03/03/2025	333289

6390 Joyce Dr., #100
Golden, CO 80403

Tel: +1-303-940-0033
Fax: +1-303-940-0043
info@phenova.com
www.phenova.com

For terms and conditions of your order, please visit:
www.phenova.com/home/termsofsale

Ship To

Alliance Tech Group - Newark
ATTN: Sohil Jodhani
284 Sheffield St., #1
Mountainside, NJ 07092
USA

Received by: SJ
3/5/2025 14:30

Customer PO #	Terms	PT Acct #	Customer #	Ship Via	F.O.B.
PO2-1517	Net 30	ZCM-100	1500470	FedEx 2nd Day	Golden, CO

Qty Ordered	Qty Shipped	Qty Backorder	Part Number	Part Description	Study Number	Lot Number
1	1	0	PT-S2-WP	WP Sulfide	WP0325	8264-22
1	1	0	PT-SSOL-WP	WP Settleable Solids	WP0325	8264-17
1	1	0	PT-TURB-WP	WP Turbidity	WP0325	8264-20
1	1	0	PT-VOA-WP	WP Volatiles	WP0325	8264-26
1	1	0	PT-BN-WP	WP Base Neutrals	WP0325	8264-27
1	1	0	PT-ACIDS-WP	WP Acids	WP0325	8264-28
1	1	0	PT-PEST-WP	WP Pesticides	WP0325	8264-29
1	1	0	PT-CHLR-WP	WP Chlordane	WP0325	8264-30
1	1	0	PT-TXP-WP	WP Toxaphene	WP0325	8264-31
1	1	0	PT-PCBW-WP	WP PCBs in Water	WP0325	8264-32
1	1	0	PT-HERB-WP	WP Herbicides	WP0325	8264-36
1	1	0	RR-TPH1L-WP	WP TPH 1L	R40367	R40367-104
1	1	0	RR-VSOL-WP	WP Volatile Solids	R40367	R40367-18
1	1	0	RR-SIO2-WP	WP Silica	R40367	R40367-21
1	1	0	RR-COL-WP	WP Color	R40367	R40367-51
1	1	0	RR-GAS-WP	WP Gasoline Range Organics	R40367	R40367-62
1	1	0	RR-DIES-WP	WP Diesel Range Organics	R40367	R40367-63
1	1	0	RR-8011-WP	WP EDB/DBCP/TCP	R40367	R40367-98
1	1	0	RR-PAH-WP	WP PAH-Low Level	R40433	R40433-37

phenova® Certified Reference Materials | A Phenomenex® Company

Packing List

Date	Order #
03/07/2025	335989

6390 Joyce Dr., #100
Golden, CO 80403

Tel: +1-303-940-0033
Fax: +1-303-940-0043
info@phenova.com
www.phenova.com

For terms and conditions of your order, please visit:
www.phenova.com/home/termsofsale

Ship To

Alliance Tech Group - Newark
ATTN: Sohil Jodhani
284 Sheffield St., #1
Mountainside, NJ 07092
USA

Received by: SJ
3/11/2025 9:55

Customer PO #	Terms	PT Acct #	Customer #	Ship Via	F.O.B.
Email: Sohil Jodhani	Net 30	ZCM-100	1500470	FedEx 2nd Day	Golden, CO

Qty Ordered	Qty Shipped	Qty Backorder	Part Number	Part Description	Study Number	Lot Number
1	1	0	RR-TRIAZINE-WP	WP Triazine Pesticides	R40480	R40480-108

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