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

DATA PACKAGE

GC SEMI-VOLATILES

PROJECT NAME : FT MEADE TIPTON AIRFIELD PARCEL RI - PO 0111169

WESTON SOLUTIONS

1400 Weston Way

PO Box 2653

West Chester, PA - 19380

Phone No: 610-701-7400

ORDER ID : Q1352

ATTENTION : Nathan Fretz

Laboratory Certification ID # 20012

Alliance TECHNICAL GROUP

Table Of Contents for Q1352

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Cover Page

Order ID : Q1352

Project ID : Ft Meade Tipton Airfield Parcel RI - PO 0111169

Client : Weston Solutions

Lab Sample Number	Client Sample Number
Q1352-01	TAP-IDW-SOIL-021025
Q1352-02	TAP-IDW-SOIL-021025

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: 2/20/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Weston Solutions
Project Name: Ft Meade Tipton Airfield Parcel RI - PO 0111169
Project # N/A
Chemtech Project # Q1352
Test Name: PCB

A. Number of Samples and Date of Receipt:
2 Solid samples were received on 02/11/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, Ignitability, PCB, pH, Sulfide, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP Pesticide, TCLP VOA and TCLP ZHE Extraction. This data package contains results for PCB.

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

D. QA/ QC Samples:

The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Retention Times were acceptable for all samples.

The MS recoveries for {Q1356-03MS} with File ID: PP069682.D met requirements for all samples except for AR1016[154%] and AR1260[213%] Due to matrix interference.

The MSD {Q1356-03MSD} with File ID: PP069683.D recoveries met requirements for all samples except for AR1016[153%] and AR1260[213%] Due to matrix interference.

The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .

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E. Additional Comments:

The not QT review data is reported in the Miscellaneous.
The soil samples results are based on a dry weight basis.

F. Calculation for Concentration in Soil samples:

$$\text{Concentration ug/Kg (Dry weight basis)} = \frac{(Ax)\,(Vt)\,(DF)\,(GPC)}{(CF)\,(Vi)\,(Ws)\,(D)}$$

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

$$D = \frac{\%\text{ dry weight or } 100 - \%\text{Moisture}}{100}$$

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

Vin = Volume of extract loaded onto GPC column.
Vout = Volume of extract collected after GPC cleanup.
DF = Dilution Factor

G. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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

Signature_____

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908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- ORGANIC

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

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

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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: Q1352 MATRIX: Solid

METHOD: 8082A/3541

		NA	NO	YES
1.	Chromatograms Labeled/Compounds Identified.			✓
2.	Standard Summary Submitted.			✓
3.	Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis, 12 HOURS IF 8000 SERIES METHOD. The Initial Calibration met the requirements . The Continuous Calibration met the requirements .			✓
4.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
5.	Surrogate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable ranges.			✓
6.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range. The MS recoveries for {Q1356-03MS} with File ID: PP069682.D met requirements for all samples except for AR1016[154%] and AR1260[213%] Due to matrix interference. The MSD {Q1356-03MSD} with File ID: PP069683.D recoveries met requirements for all samples except for AR1016[153%] and AR1260[213%] Due to matrix interference. The Blank Spike met requirements for all samples . The RPD met criteria .		✓	
7.	Retention Time Shift Meet Criteria (if applicable) Comments:			✓
8.	Extraction Holding Time Met If not met, list number of days exceeded for each sample:			✓

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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

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

ADDITIONAL COMMENTS:

The not QT review data is reported in the Miscellaneous.

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

_____ _____

QA REVIEW Date

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1352

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

QA Review Signature: SOHIL JODHANI **Date:** 02/20/2025

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LAB CHRONICLE

OrderID:	Q1352	**OrderDate:**	2/11/2025 11:32:00 AM
Client:	Weston Solutions	**Project:**	Ft Meade Tipton Airfield Parcel RI - PO 0111169
Contact:	Nathan Fretz	**Location:**	N51

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1352-01	**TAP-IDW-SOIL-021025**	**SOIL**			**02/10/25**			**02/11/25**
			PCB	8082A		02/12/25	02/12/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1352 **Order ID:** Q1352

Client: Weston Solutions **Project ID:** Ft Meade Tipton Airfield Parcel RI - P

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units

Client ID :

Total Concentration: **0.000**

QC SUMMARY

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

SDG No.: Q1352

Client: Weston Solutions

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PP069264.D	PIBLK-PP069264.D	Tetrachloro-m-xylene	1	20	25.7	128		60	140
		Decachlorobiphenyl	1	20	25.4	127		60	140
		Tetrachloro-m-xylene	2	20	26.0	130		60	140
		Decachlorobiphenyl	2	20	25.4	127		60	140
I.BLK-PP069674.D	PIBLK-PP069674.D	Tetrachloro-m-xylene	1	20	24.9	125		60	140
		Decachlorobiphenyl	1	20	24.4	122		60	140
		Tetrachloro-m-xylene	2	20	25.3	127		60	140
		Decachlorobiphenyl	2	20	22.1	110		60	140
Q1352-01	TAP-IDW-SOIL-021025	Tetrachloro-m-xylene	1	20	24.6	123		44	130
		Decachlorobiphenyl	1	20	18.8	94		60	125
		Tetrachloro-m-xylene	2	20	24.9	125		44	130
		Decachlorobiphenyl	2	20	17.9	89		60	125
Q1356-03MS	SOIL-PILEMS	Tetrachloro-m-xylene	1	20	23.1	115		44	130
		Decachlorobiphenyl	1	20	18.4	92		60	125
		Tetrachloro-m-xylene	2	20	22.8	114		44	130
		Decachlorobiphenyl	2	20	17.4	87		60	125
Q1356-03MSD	SOIL-PILEMSD	Tetrachloro-m-xylene	1	20	22.9	115		44	130
		Decachlorobiphenyl	1	20	18.9	95		60	125
		Tetrachloro-m-xylene	2	20	22.6	113		44	130
		Decachlorobiphenyl	2	20	17.6	88		60	125
I.BLK-PP069688.D	PIBLK-PP069688.D	Tetrachloro-m-xylene	1	20	24.9	124		60	140
		Decachlorobiphenyl	1	20	23.1	116		60	140
		Tetrachloro-m-xylene	2	20	25.1	125		60	140
		Decachlorobiphenyl	2	20	22.8	114		60	140
I.BLK-PP069720.D	PIBLK-PP069720.D	Tetrachloro-m-xylene	1	20	26.8	134		60	140
		Decachlorobiphenyl	1	20	25.6	128		60	140
		Tetrachloro-m-xylene	2	20	26.8	134		60	140
		Decachlorobiphenyl	2	20	24.3	122		60	140
PB166696BL	PB166696BL	Tetrachloro-m-xylene	1	20	21.2	106		44	130
		Decachlorobiphenyl	1	20	20.1	101		60	125
		Tetrachloro-m-xylene	2	20	21.8	109		44	130
		Decachlorobiphenyl	2	20	19.8	99		60	125
PB166696BS	PB166696BS	Tetrachloro-m-xylene	1	20	22.0	110		44	130
		Decachlorobiphenyl	1	20	21.1	106		60	125
		Tetrachloro-m-xylene	2	20	21.5	108		44	130
		Decachlorobiphenyl	2	20	20.5	102		60	125
I.BLK-PP069732.D	PIBLK-PP069732.D	Tetrachloro-m-xylene	1	20	26.1	131		60	140
		Decachlorobiphenyl	1	20	25.2	126		60	140
		Tetrachloro-m-xylene	2	20	26.6	133		60	140
		Decachlorobiphenyl	2	20	24.5	123		60	140

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1352

Client: Weston Solutions

Analytical Method: 8082A **DataFile :** PP069682.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Client Sample ID:	**SOIL-PILEMS**											
Q1356-03MS	AR1016	194.1	0	298	ug/kg	154	*			47	134	
	AR1260	194.1	0	413	ug/kg	213	*			53	140	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1352

Client: Weston Solutions

Analytical Method: 8082A **DataFile :** PP069683.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**SOIL-PILEMSD**											
Q1356-03MSD	AR1016	194	0	297	ug/kg	153	*	1		47	134	20
	AR1260	194	0	414	ug/kg	213	*	0		53	140	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1352

Client: Weston Solutions

Analytical Method: 8082A **Datafile :** PP069727.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB166696BS	AR1016	166.6	134	ug/kg	80				47	134	
	AR1260	166.6	131	ug/kg	79				53	140	

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB166696BL

Lab Name: CHEMTECH Contract: WEST04

Lab Code: CHEM Case No.: Q1352 SAS No.: Q1352 SDG NO.: Q1352

Lab Sample ID: PB166696BL Lab File ID: PP069726.D

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

Sulfur Cleanup: (Y/N) N Date Extracted: 02/12/2025

Date Analyzed (1): 02/13/2025 Date Analyzed (2): 02/13/2025

Time Analyzed (1): 16:30 Time Analyzed (2): 16:30

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

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
TAP-IDW-SOIL-021025	Q1352-01	PP069677.D	02/12/2025	02/12/2025
SOIL-PILEMS	Q1356-03MS	PP069682.D	02/12/2025	02/12/2025
SOIL-PILEMSD	Q1356-03MSD	PP069683.D	02/12/2025	02/12/2025
PB166696BS	PB166696BS	PP069727.D	02/13/2025	02/13/2025

COMMENTS:

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Weston Solutions	Date Collected:	02/10/25
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	02/11/25
Client Sample ID:	TAP-IDW-SOIL-021025	SDG No.:	Q1352
Lab Sample ID:	Q1352-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	74.7 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069677.D	1	02/12/25 08:30	02/12/25 13:45	PB166696

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	11.1	U	4.50	11.1	22.7	ug/kg
11104-28-2	Aroclor-1221	17.4	U	8.60	17.4	22.7	ug/kg
11141-16-5	Aroclor-1232	17.4	U	4.50	17.4	22.7	ug/kg
53469-21-9	Aroclor-1242	11.1	U	4.50	11.1	22.7	ug/kg
12672-29-6	Aroclor-1248	17.4	U	10.5	17.4	22.7	ug/kg
11097-69-1	Aroclor-1254	17.4	U	3.60	17.4	22.7	ug/kg
37324-23-5	Aroclor-1262	11.1	U	6.10	11.1	22.7	ug/kg
11100-14-4	Aroclor-1268	17.4	U	4.60	17.4	22.7	ug/kg
11096-82-5	Aroclor-1260	11.1	U	3.90	11.1	22.7	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	24.9		44 - 130		125%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.8		60 - 125		94%	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\PP021225\
Data File : PP069677.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Feb 2025 13:45
Operator : YP\AJ
Sample : Q1352-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TAP-IDW-SOIL-021025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 12 22:24:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.534	3.837	35173902	22254804	24.572	24.934
2)	SA Decachlor...	10.264	8.897	20499453	19987406	18.757	17.870
	Target Compounds						

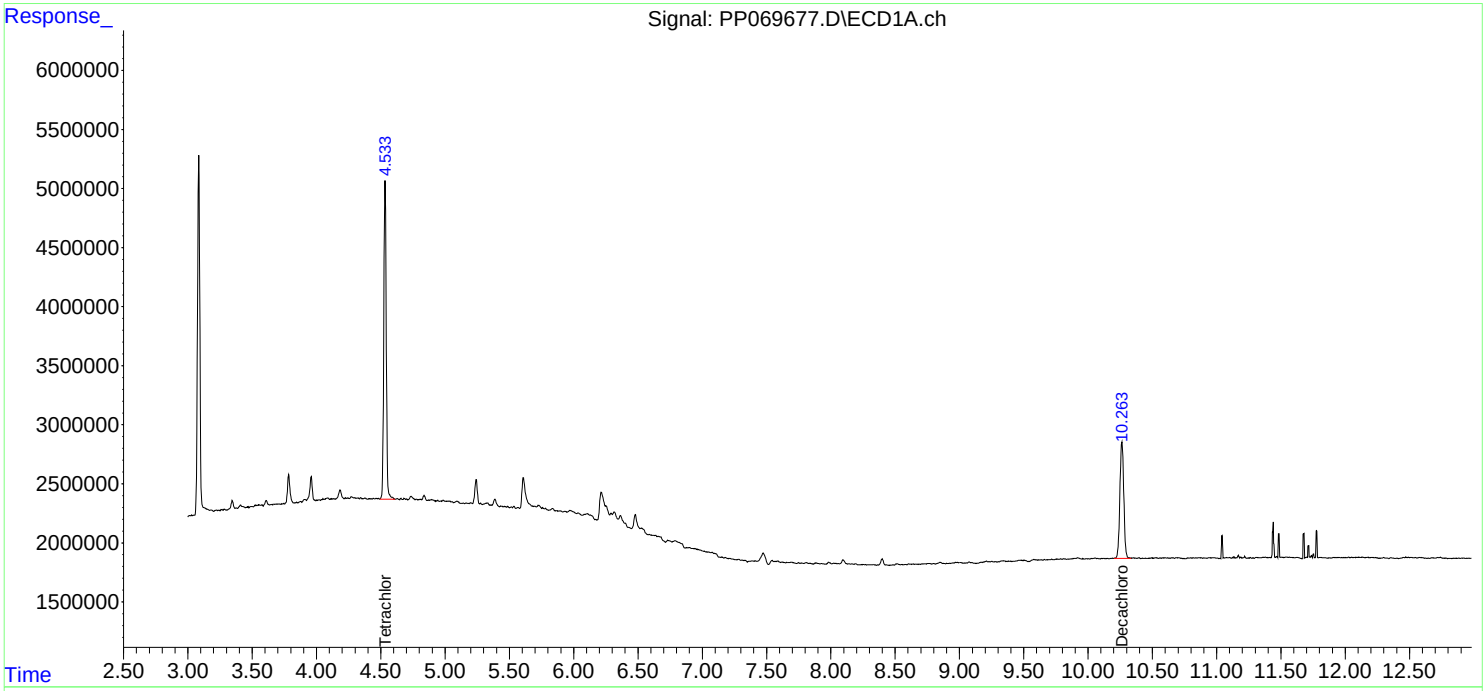
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

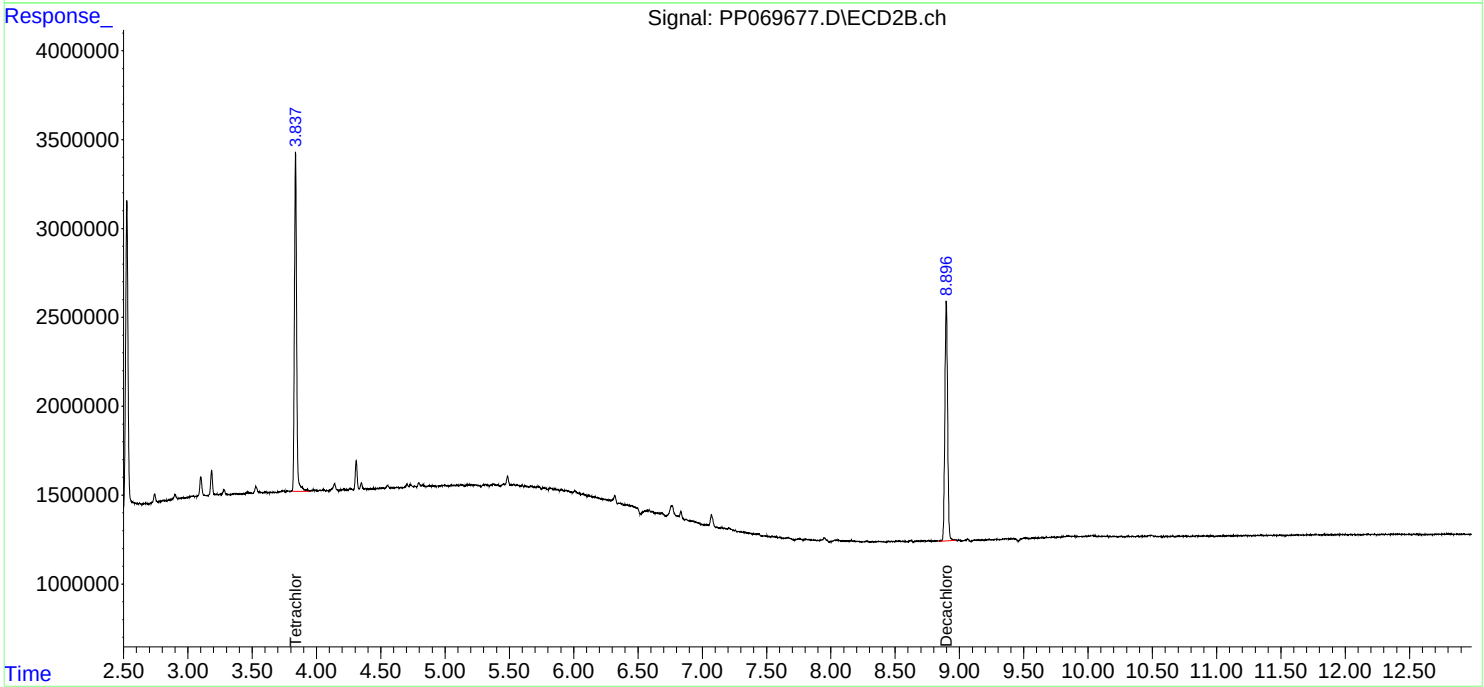
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021225\
Data File : PP069677.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Feb 2025 13:45
Operator : YP\AJ
Sample : Q1352-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

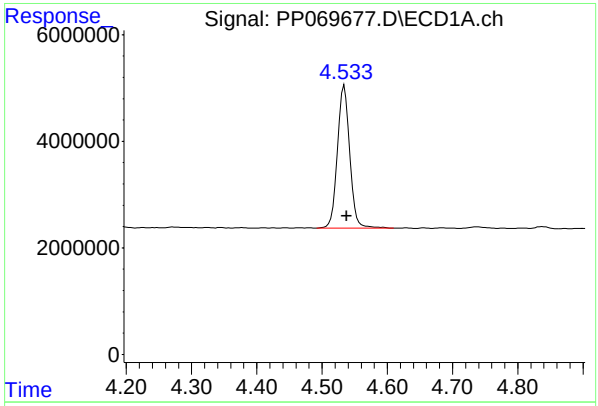
Instrument :
ECD_P
ClientSampleId :
TAP-IDW-SOIL-021025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 12 22:24:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



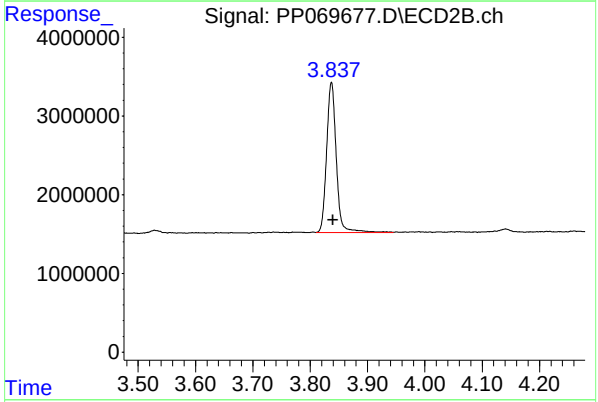




#1 Tetrachloro-m-xylene

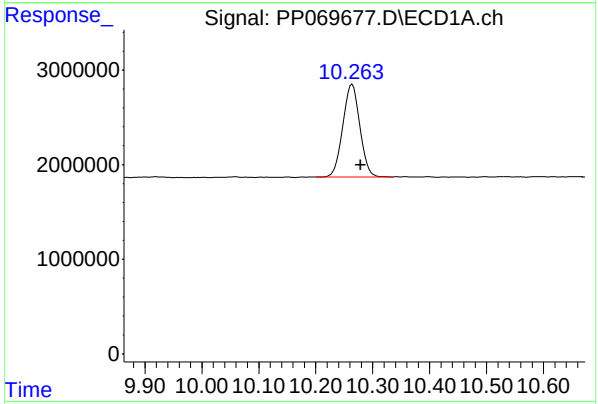
R.T.: 4.534 min
Delta R.T.: -0.004 min
Response: 35173902
Conc: 24.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
TAP-IDW-SOIL-021025



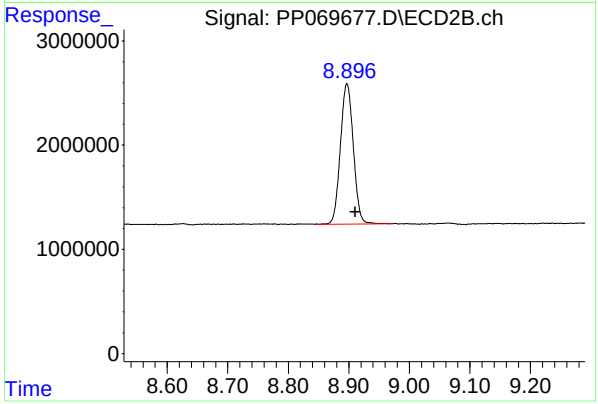
#1 Tetrachloro-m-xylene

R.T.: 3.837 min
Delta R.T.: -0.003 min
Response: 22254804
Conc: 24.93 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.264 min
Delta R.T.: -0.015 min
Response: 20499453
Conc: 18.76 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.897 min
Delta R.T.: -0.014 min
Response: 19987406
Conc: 17.87 ng/ml

CALIBRATION SUMMARY

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Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Contract: WEST04

Lab Code: CHEM **Case No.:** Q1352 **SAS No.:** Q1352 **SDG NO.:** Q1352

Instrument ID: ECD_P **Calibration Date(s):** 01/28/2025 01/28/2025

Calibration Times: 09:37 17:30

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

LAB FILE ID: RT 1000 = PP069265.D RT 750 = PP069266.D

RT 500 = PP069267.D RT 250 = PP069268.D RT 050 = PP069269.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Aroclor-1016-2	(2)	5.71	5.71	5.71	5.71	5.71	5.71	5.61	5.81
Aroclor-1016-3	(3)	5.78	5.77	5.78	5.77	5.78	5.78	5.68	5.88
Aroclor-1016-4	(4)	5.87	5.87	5.87	5.87	5.87	5.87	5.77	5.97
Aroclor-1016-5	(5)	6.17	6.17	6.17	6.16	6.17	6.17	6.07	6.27
Aroclor-1260-1	(1)	7.29	7.29	7.29	7.28	7.29	7.29	7.19	7.39
Aroclor-1260-2	(2)	7.54	7.54	7.54	7.54	7.54	7.54	7.44	7.64
Aroclor-1260-3	(3)	7.90	7.90	7.90	7.90	7.90	7.90	7.80	8.00
Aroclor-1260-4	(4)	8.12	8.12	8.13	8.12	8.12	8.12	8.02	8.22
Aroclor-1260-5	(5)	8.45	8.45	8.45	8.44	8.45	8.45	8.35	8.55
Decachlorobiphenyl		10.28	10.28	10.28	10.28	10.28	10.28	10.18	10.38
Tetrachloro-m-xylene		4.54	4.54	4.54	4.53	4.54	4.54	4.44	4.64
Aroclor-1242-1	(1)	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Aroclor-1242-2	(2)	5.71	5.71	5.71	5.71	5.71	5.71	5.61	5.81
Aroclor-1242-3	(3)	5.78	5.78	5.77	5.78	5.77	5.78	5.68	5.88
Aroclor-1242-4	(4)	5.87	5.87	5.87	5.87	5.87	5.87	5.77	5.97
Aroclor-1242-5	(5)	6.61	6.60	6.60	6.61	6.60	6.60	6.50	6.70
Decachlorobiphenyl		10.28	10.28	10.28	10.28	10.28	10.28	10.18	10.38
Tetrachloro-m-xylene		4.54	4.54	4.54	4.54	4.54	4.54	4.44	4.64
Aroclor-1248-1	(1)	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Aroclor-1248-2	(2)	5.96	5.96	5.97	5.96	5.96	5.96	5.86	6.06
Aroclor-1248-3	(3)	6.17	6.17	6.17	6.17	6.17	6.17	6.07	6.27
Aroclor-1248-4	(4)	6.57	6.56	6.57	6.56	6.57	6.57	6.47	6.67
Aroclor-1248-5	(5)	6.60	6.60	6.61	6.60	6.60	6.60	6.50	6.70
Decachlorobiphenyl		10.28	10.28	10.28	10.28	10.28	10.28	10.18	10.38
Tetrachloro-m-xylene		4.54	4.54	4.54	4.54	4.54	4.54	4.44	4.64
Aroclor-1254-1	(1)	6.54	6.54	6.54	6.54	6.54	6.54	6.44	6.64
Aroclor-1254-2	(2)	6.76	6.76	6.76	6.76	6.76	6.76	6.66	6.86
Aroclor-1254-3	(3)	7.12	7.12	7.12	7.12	7.12	7.12	7.02	7.22
Aroclor-1254-4	(4)	7.40	7.41	7.40	7.40	7.41	7.40	7.30	7.50
Aroclor-1254-5	(5)	7.82	7.82	7.82	7.82	7.82	7.82	7.72	7.92
Decachlorobiphenyl		10.28	10.28	10.28	10.28	10.28	10.28	10.18	10.38
Tetrachloro-m-xylene		4.54	4.54	4.53	4.54	4.54	4.54	4.44	4.64
Aroclor-1268-1	(1)	8.76	8.76	8.76	8.78	8.76	8.77	8.67	8.87
Aroclor-1268-2	(2)	8.86	8.86	8.86	8.87	8.86	8.86	8.76	8.96
Aroclor-1268-3	(3)	9.09	9.09	9.09	9.11	9.09	9.10	9.00	9.20
Aroclor-1268-4	(4)	9.51	9.51	9.51	9.53	9.51	9.51	9.41	9.61
Aroclor-1268-5	(5)	9.93	9.94	9.93	9.95	9.93	9.94	9.84	10.04

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.28	10.28	10.28	10.29	10.28	10.28	10.18	10.38
Tetrachloro-m-xylene	4.54	4.54	4.54	4.55	4.54	4.54	4.44	4.64

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: WEST04

Lab Code: CHEM **Case No.:** Q1352 **SAS No.:** Q1352 **SDG NO.:** Q1352

Instrument ID: ECD_P **Calibration Date(s):** 01/28/2025 01/28/2025

Calibration Times: 09:37 17:30

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

LAB FILE ID: RT 1000 = PP069265.D RT 750 = PP069266.D

RT 500 = PP069267.D RT 250 = PP069268.D RT 050 = PP069269.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.93	4.93	4.93	4.93	4.93	4.93	4.83	5.03
Aroclor-1016-2	(2)	4.95	4.95	4.95	4.95	4.95	4.95	4.85	5.05
Aroclor-1016-3	(3)	5.13	5.13	5.13	5.13	5.13	5.13	5.03	5.23
Aroclor-1016-4	(4)	5.17	5.17	5.17	5.17	5.17	5.17	5.07	5.27
Aroclor-1016-5	(5)	5.39	5.39	5.39	5.39	5.39	5.39	5.29	5.49
Aroclor-1260-1	(1)	6.43	6.43	6.43	6.43	6.43	6.43	6.33	6.53
Aroclor-1260-2	(2)	6.62	6.62	6.62	6.62	6.61	6.62	6.52	6.72
Aroclor-1260-3	(3)	6.77	6.77	6.77	6.77	6.77	6.77	6.67	6.87
Aroclor-1260-4	(4)	7.24	7.24	7.24	7.24	7.24	7.24	7.14	7.34
Aroclor-1260-5	(5)	7.48	7.48	7.48	7.48	7.48	7.48	7.38	7.58
Decachlorobiphenyl		8.91	8.91	8.91	8.91	8.91	8.91	8.81	9.01
Tetrachloro-m-xylene		3.84	3.84	3.84	3.84	3.84	3.84	3.74	3.94
Aroclor-1242-1	(1)	4.93	4.93	4.94	4.93	4.93	4.93	4.83	5.03
Aroclor-1242-2	(2)	4.95	4.95	4.95	4.95	4.95	4.95	4.85	5.05
Aroclor-1242-3	(3)	5.13	5.13	5.13	5.13	5.13	5.13	5.03	5.23
Aroclor-1242-4	(4)	5.21	5.22	5.22	5.21	5.22	5.22	5.12	5.32
Aroclor-1242-5	(5)	5.74	5.74	5.74	5.74	5.74	5.74	5.64	5.84
Decachlorobiphenyl		8.91	8.91	8.91	8.91	8.91	8.91	8.81	9.01
Tetrachloro-m-xylene		3.84	3.84	3.84	3.84	3.84	3.84	3.74	3.94
Aroclor-1248-1	(1)	4.93	4.93	4.93	4.93	4.93	4.93	4.83	5.03
Aroclor-1248-2	(2)	5.17	5.17	5.17	5.17	5.17	5.17	5.07	5.27
Aroclor-1248-3	(3)	5.22	5.22	5.22	5.21	5.22	5.22	5.12	5.32
Aroclor-1248-4	(4)	5.39	5.39	5.39	5.39	5.39	5.39	5.29	5.49
Aroclor-1248-5	(5)	5.78	5.78	5.78	5.78	5.78	5.78	5.68	5.88
Decachlorobiphenyl		8.91	8.91	8.91	8.91	8.91	8.91	8.81	9.01
Tetrachloro-m-xylene		3.84	3.84	3.84	3.84	3.84	3.84	3.74	3.94
Aroclor-1254-1	(1)	5.74	5.74	5.74	5.74	5.74	5.74	5.64	5.84
Aroclor-1254-2	(2)	5.89	5.89	5.89	5.89	5.89	5.89	5.79	5.99
Aroclor-1254-3	(3)	6.30	6.30	6.30	6.30	6.30	6.30	6.20	6.40
Aroclor-1254-4	(4)	6.52	6.53	6.52	6.53	6.53	6.52	6.42	6.62
Aroclor-1254-5	(5)	6.94	6.95	6.94	6.94	6.94	6.94	6.84	7.04
Decachlorobiphenyl		8.91	8.91	8.91	8.91	8.91	8.91	8.81	9.01
Tetrachloro-m-xylene		3.84	3.84	3.84	3.84	3.84	3.84	3.74	3.94
Aroclor-1268-1	(1)	7.77	7.77	7.77	7.77	7.77	7.77	7.67	7.87
Aroclor-1268-2	(2)	7.83	7.83	7.83	7.83	7.83	7.83	7.73	7.93
Aroclor-1268-3	(3)	8.04	8.04	8.04	8.04	8.04	8.04	7.94	8.14
Aroclor-1268-4	(4)	8.34	8.34	8.34	8.34	8.34	8.34	8.24	8.44
Aroclor-1268-5	(5)	8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.91	8.91	8.91	8.91	8.91	8.91	8.81	9.01
Tetrachloro-m-xylene	3.84	3.84	3.84	3.84	3.84	3.84	3.74	3.94

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: WEST04

Lab Code: CHEM **Case No.:** Q1352 **SAS No.:** Q1352 **SDG NO.:** Q1352

Instrument ID: ECD_P **Calibration Date(s):** 01/28/2025 01/28/2025

Calibration Times: 09:37 17:30

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

LAB FILE ID: **CF 1000 =** PP069265.D **CF 750 =** PP069266.D

CF 500 = PP069267.D **CF 250 =** PP069268.D **CF 050 =** PP069269.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	44563885	46103675	49194740	50253212	41549440	46332990	8
Aroclor-1016-2	(2)	66115347	69779753	70658198	75938800	56893880	67877196	10
Aroclor-1016-3	(3)	39869399	41463369	44413634	48593324	38643280	42596601	9
Aroclor-1016-4	(4)	33707176	35303807	36719774	37971988	31299580	35000465	7
Aroclor-1016-5	(5)	32090736	33824409	35071540	36758492	27547540	33058543	11
Aroclor-1260-1	(1)	55810838	58374851	61327242	65126844	51541560	58436267	9
Aroclor-1260-2	(2)	71849008	75229505	78748522	85337848	77899600	77812897	6
Aroclor-1260-3	(3)	59639386	62129519	64349302	69276732	57201340	62519256	7
Aroclor-1260-4	(4)	61734973	64735973	67542400	73350432	62520020	65976760	7
Aroclor-1260-5	(5)	125094433	130279153	135629934	144497620	119128460	130925920	7
Decachlorobiphenyl		1069166160	1116444307	1169529200	1243495760	865856800	1092898445	13
Tetrachloro-m-xylene		1430473260	1473828093	1522470140	1571078520	1159551800	1431480363	11
Aroclor-1242-1	(1)	38881934	40183667	43367056	45129572	40964140	41705274	6
Aroclor-1242-2	(2)	57026747	57896231	62116710	63798460	54116520	58990934	7
Aroclor-1242-3	(3)	35212135	35868905	39015138	40586632	34810280	37098618	7
Aroclor-1242-4	(4)	29733477	30521513	32725012	34827232	36166060	32794659	8
Aroclor-1242-5	(5)	31146343	32194257	34488024	36289728	28803300	32584330	9
Decachlorobiphenyl		1046199870	1081727787	1138401280	1175392440	940280400	1076400355	8
Tetrachloro-m-xylene		1435254920	1458364720	1537301860	1551717280	1142408000	1425009356	12
Aroclor-1248-1	(1)	29720774	31068636	32496050	36489328	32420520	32439062	8
Aroclor-1248-2	(2)	40031392	40786873	43476982	45978940	41957800	42446397	6
Aroclor-1248-3	(3)	44249426	45321484	48274812	49262872	47827180	46987155	4
Aroclor-1248-4	(4)	52361428	54561383	58048758	58995000	51639900	55121294	6
Aroclor-1248-5	(5)	50435355	52347879	55697774	57690052	50747900	53383792	6
Decachlorobiphenyl		1037639180	1069858813	1128342940	1177314960	1004783400	1083587859	6
Tetrachloro-m-xylene		1397850760	1441113413	1513274920	1556018920	1233936200	1428438843	9
Aroclor-1254-1	(1)	52694329	56123723	55956580	61395668	63148280	57863716	7
Aroclor-1254-2	(2)	75242428	80121392	80560264	87256592	78028640	80241863	6
Aroclor-1254-3	(3)	78719981	83731985	84853004	89742068	84395060	84288420	5
Aroclor-1254-4	(4)	63293404	67680445	70564640	73119196	66281540	68187845	6
Aroclor-1254-5	(5)	65136323	67898099	69017528	74762784	63416000	68046147	6
Decachlorobiphenyl		1048312770	1098692147	1135082800	1189137760	958537000	1085952495	8
Tetrachloro-m-xylene		1421810410	1488698480	1487019120	1532331840	1227018400	1431375650	8
Aroclor-1268-1	(1)	176588317	184780069	192785674	202822560	125915500	176578424	17

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	157019138	164413571	171697424	179175396	114552180	157371542	16
Aroclor-1268-3	(3)	134437818	140375337	146778962	154508480	92538920	133727903	18
Aroclor-1268-4	(4)	59595033	62280167	64687112	67890812	39150760	58720777	19
Aroclor-1268-5	(5)	388908034	403290352	414501270	436451084	261335260	380897200	18
Decachlorobiphenyl		1754282940	1839272453	1920856020	2033075320	1195912000	1748679747	19
Tetrachloro-m-xylene		1417405090	1481109080	1537248520	1587731960	907526000	1386204130	20

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: WEST04

Lab Code: CHEM **Case No.:** Q1352 **SAS No.:** Q1352 **SDG NO.:** Q1352

Instrument ID: ECD_P **Calibration Date(s):** 01/28/2025 01/28/2025

Calibration Times: 09:37 17:30

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

LAB FILE ID: **CF 1000 =** PP069265.D **CF 750 =** PP069266.D

CF 500 = PP069267.D **CF 250 =** PP069268.D **CF 050 =** PP069269.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	31633685	33556627	33480936	37954972	26448920	32615028	13
Aroclor-1016-2	(2)	44031797	46303903	46946506	51687136	35822760	44958420	13
Aroclor-1016-3	(3)	24261336	25813949	25589188	28587740	20167700	24883983	12
Aroclor-1016-4	(4)	19438184	20660733	21000612	23487460	16394360	20196270	13
Aroclor-1016-5	(5)	25297814	26477140	27113278	31243672	23987600	26823901	10
Aroclor-1260-1	(1)	45562804	49216963	49245668	55739104	41383080	48229524	11
Aroclor-1260-2	(2)	56383179	60514057	62488844	68895184	58237140	61303681	8
Aroclor-1260-3	(3)	52562549	57114871	56932784	65734744	68437200	60156430	11
Aroclor-1260-4	(4)	44924385	48584991	47607396	54330272	36891520	46467713	14
Aroclor-1260-5	(5)	110513786	116112688	112600456	126598028	89900460	111145084	12
Decachlorobiphenyl		1081648740	1075757973	1104259920	1329032280	1001721800	1118484143	11
Tetrachloro-m-xylene		895719350	929032907	946597040	991735040	699610200	892538907	13
Aroclor-1242-1	(1)	28457446	29119925	30117864	31061644	25403260	28832028	7
Aroclor-1242-2	(2)	39820013	39941537	41764664	42385248	33077260	39397744	9
Aroclor-1242-3	(3)	22243475	22254861	23816158	23489144	20716780	22504084	5
Aroclor-1242-4	(4)	21211563	21374985	23120084	22340476	19864100	21582242	6
Aroclor-1242-5	(5)	28383043	28234200	30402778	30060424	26761400	28768369	5
Decachlorobiphenyl		1070572940	1042369120	1225620920	1172941720	1058329800	1113966900	7
Tetrachloro-m-xylene		948008600	922176493	1006063320	982881880	776172200	927060499	10
Aroclor-1248-1	(1)	21330255	20853876	23185376	25262184	19421120	22010562	10
Aroclor-1248-2	(2)	28324001	27797971	30327126	34009348	29864480	30064585	8
Aroclor-1248-3	(3)	29601440	28764189	31580800	34840008	30135060	30984299	8
Aroclor-1248-4	(4)	35306028	34213227	37879582	41180744	36138900	36943696	7
Aroclor-1248-5	(5)	36064443	35808685	37834928	42037920	35201060	37389407	7
Decachlorobiphenyl		980404060	959895520	1126421340	1202320960	1104048600	1074618096	10
Tetrachloro-m-xylene		933404290	928217333	964099100	1014391000	824892400	933000825	7
Aroclor-1254-1	(1)	53877397	54753924	53404230	60667048	52576380	55055796	6
Aroclor-1254-2	(2)	46864995	47439047	46558300	52821560	48160120	48368804	5
Aroclor-1254-3	(3)	74986178	74525173	75336702	83772976	70859440	75896094	6
Aroclor-1254-4	(4)	49801197	49979288	49838494	57136496	49493140	51249723	6
Aroclor-1254-5	(5)	65231257	66669389	67386324	74850464	58664800	66560447	9
Decachlorobiphenyl		1035199210	1139963307	1108865600	1276887280	1138306800	1139844439	8
Tetrachloro-m-xylene		952003350	962162200	938236480	997354800	818278400	933607046	7
Aroclor-1268-1	(1)	145329954	150069627	161518540	160247580	108445040	145122148	15

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Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	134157524	139030160	148727672	146560884	95601640	132815576	16
Aroclor-1268-3	(3)	115152122	117884433	127017896	124541824	84093360	113737927	15
Aroclor-1268-4	(4)	52741395	55225243	58789156	59095316	34538800	52077982	19
Aroclor-1268-5	(5)	368786226	384323936	391666930	381773968	254352080	356180628	16
Decachlorobiphenyl		1732023730	1823351800	1923257100	1922570920	1314788000	1743198310	14
Tetrachloro-m-xylene		921289540	958710907	983636500	1016257200	585968600	893172549	20

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: WEST04

Lab Code: CHEM **Case No.:** Q1352 **SAS No.:** Q1352 **SDG NO.:** Q1352

Instrument ID: ECD_P **Date(s) Analyzed:** 01/28/2025 01/28/2025

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	4.74	4.64	4.84	19019500
		2	4.82	4.72	4.92	13692500
		3	4.90	4.80	5.00	41943400
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.90	4.80	5.00	33293600
		2	5.42	5.32	5.52	16342000
		3	5.71	5.61	5.81	34359000
		4	5.87	5.77	5.97	17816200
		5	5.96	5.86	6.06	11462400
Aroclor-1262	500	1	8.12	8.02	8.22	79018200
		2	8.45	8.35	8.55	152923000
		3	8.77	8.67	8.87	106280000
		4	8.85	8.75	8.95	81793000
		5	9.51	9.41	9.61	56610200

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: WEST04

Lab Code: CHEM **Case No.:** Q1352 **SAS No.:** Q1352 **SDG NO.:** Q1352

Instrument ID: ECD_P **Date(s) Analyzed:** 01/28/2025 01/28/2025

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	4.05	3.95	4.15	12318000
		2	4.14	4.04	4.24	9683380
		3	4.22	4.12	4.32	29174200
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.22	4.12	4.32	23479400
		2	4.95	4.85	5.05	23571800
		3	5.13	5.03	5.23	12947200
		4	5.21	5.11	5.31	11086300
		5	5.39	5.29	5.49	12210300
Aroclor-1262	500	1	6.98	6.88	7.08	71013200
		2	7.24	7.14	7.34	60979400
		3	7.77	7.67	7.87	52299200
		4	7.83	7.73	7.93	92436400
		5	8.34	8.24	8.44	47792200

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069265.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 09:37
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 10:44:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 10:41:22 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...	4.537	3.840	143.0E6	89571935	96.885	97.257m
2)	SA Decachlor...	10.279	8.911	106.9E6	108.2E6	95.517	98.966
	Target Compounds						
3)	L1 AR-1016-1	5.691	4.934	44563885	31633685	950.609	971.631
4)	L1 AR-1016-2	5.712	4.953	66115347	44031797	966.786	967.963
5)	L1 AR-1016-3	5.775	5.131	39869399	24261336	946.084	973.363
6)	L1 AR-1016-4	5.872	5.172	33707176	19438184	957.224	961.363
7)	L1 AR-1016-5	6.166	5.388	32090736	25297814	955.618	965.361
31)	L7 AR-1260-1	7.286	6.428	55810838	45562804	952.907	961.155
32)	L7 AR-1260-2	7.540	6.616	71849008	56383179	954.186	948.637
33)	L7 AR-1260-3	7.899	6.771	59639386	52562549	962.013	960.087
34)	L7 AR-1260-4	8.124	7.244	61734973	44924385	955.078	971.004
35)	L7 AR-1260-5	8.445	7.484	125.1E6	110.5E6	959.591	990.648

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069265.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 09:37
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

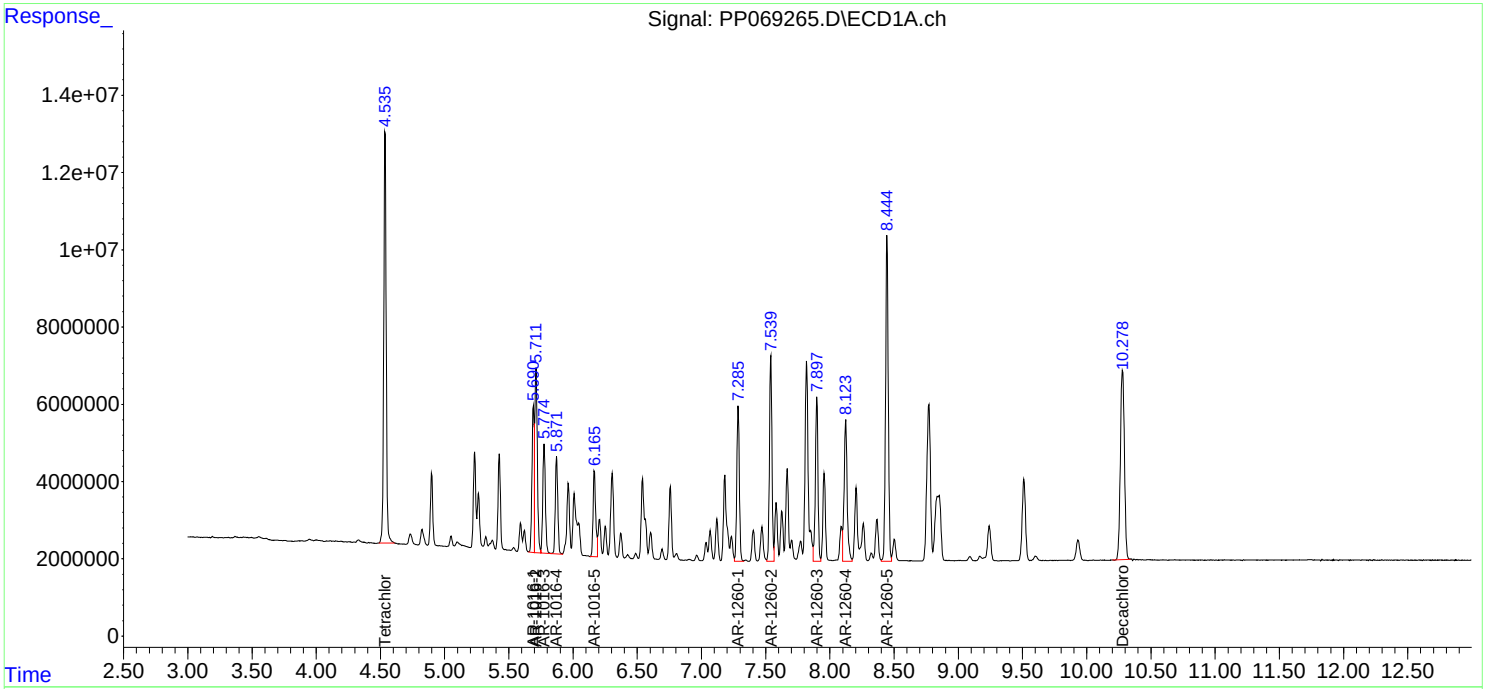
Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

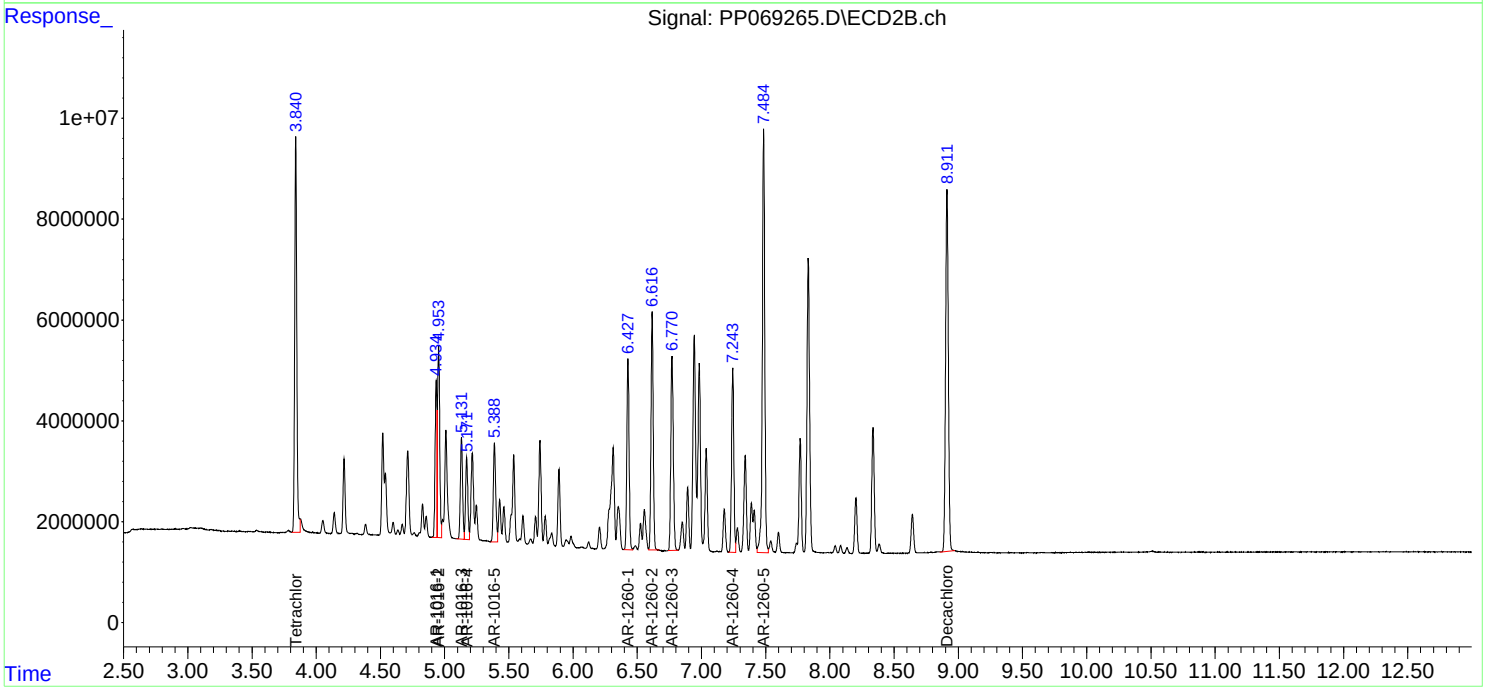
Manual Integrations APPROVED

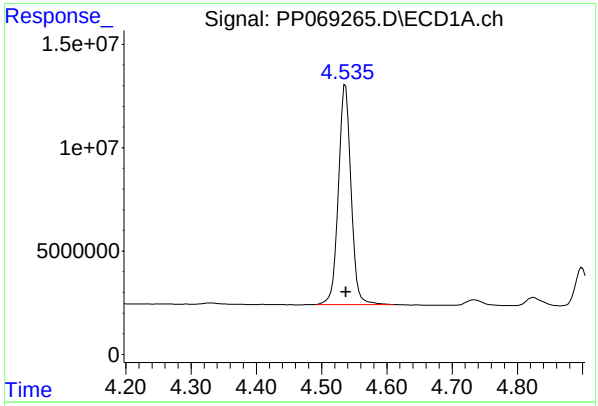
Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 10:44:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 10:41:22 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







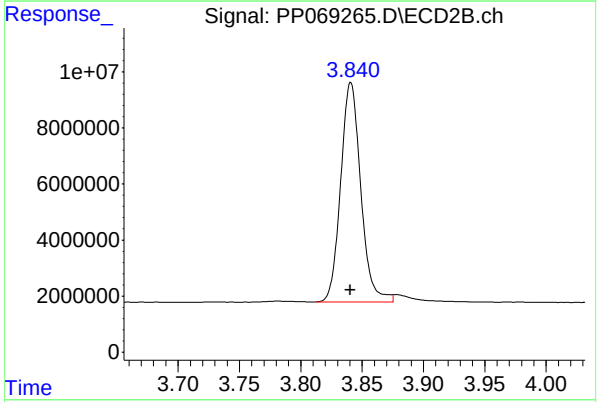
#1 Tetrachloro-m-xylene

R.T.: 4.537 min
Delta R.T.: 0.000 min
Response: 143047326
Conc: 96.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

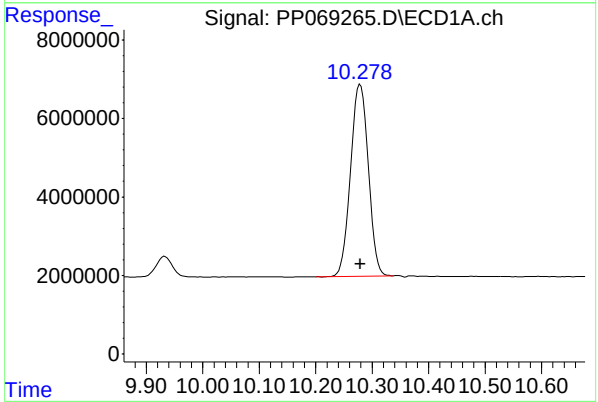
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



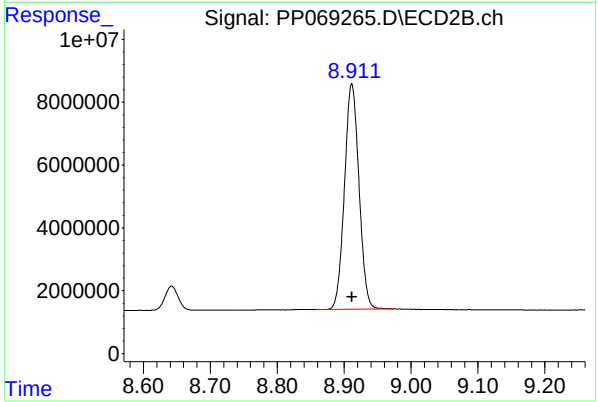
#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 89571935
Conc: 97.26 ng/ml m



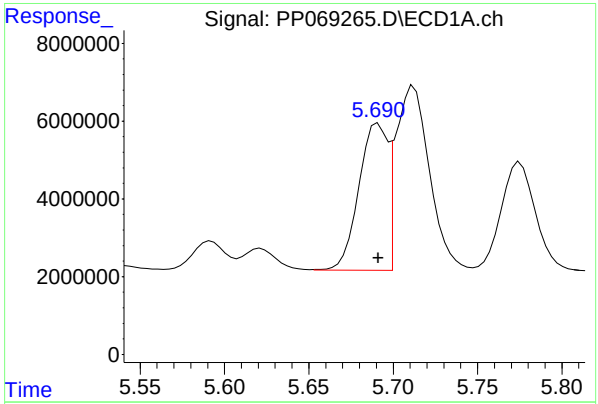
#2 Decachlorobiphenyl

R.T.: 10.279 min
Delta R.T.: 0.000 min
Response: 106916616
Conc: 95.52 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 108164874
Conc: 98.97 ng/ml



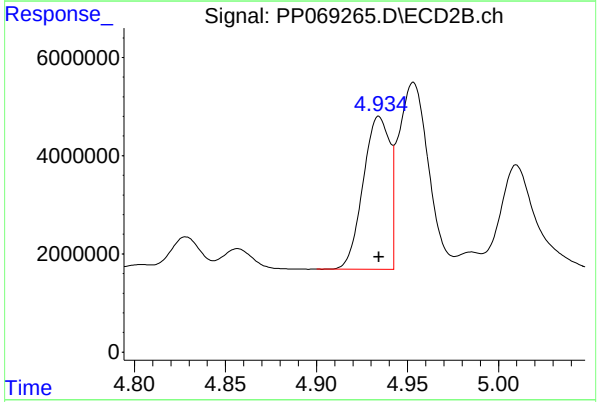
#3 AR-1016-1

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 44563885
Conc: 950.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

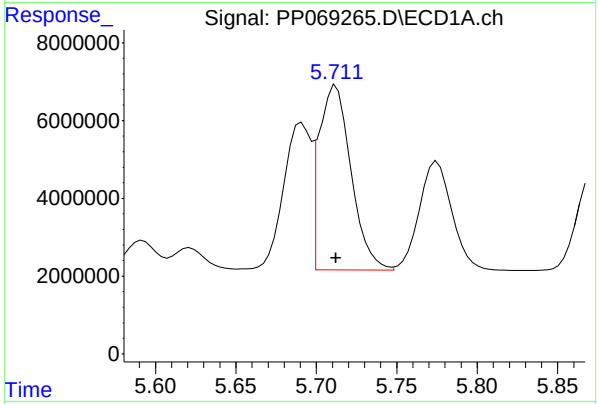
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



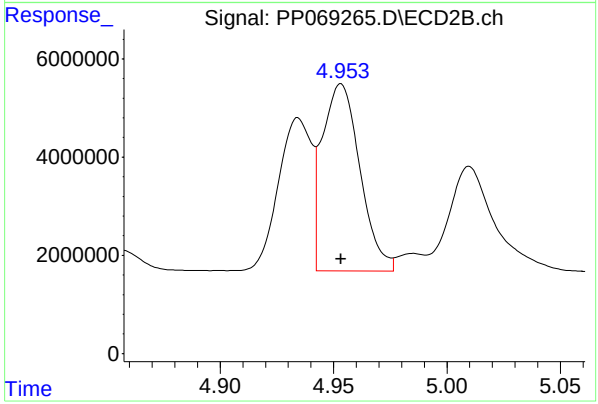
#3 AR-1016-1

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 31633685
Conc: 971.63 ng/ml



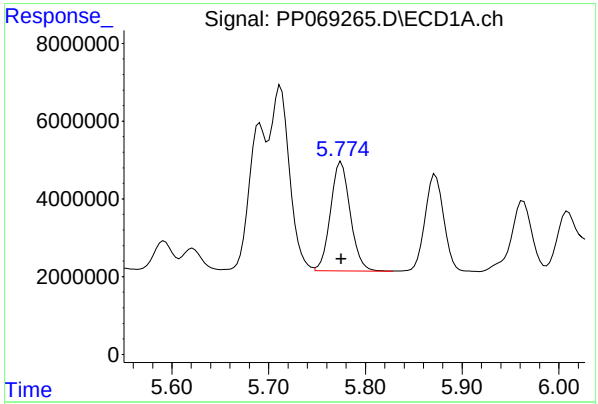
#4 AR-1016-2

R.T.: 5.712 min
Delta R.T.: 0.000 min
Response: 66115347
Conc: 966.79 ng/ml



#4 AR-1016-2

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 44031797
Conc: 967.96 ng/ml



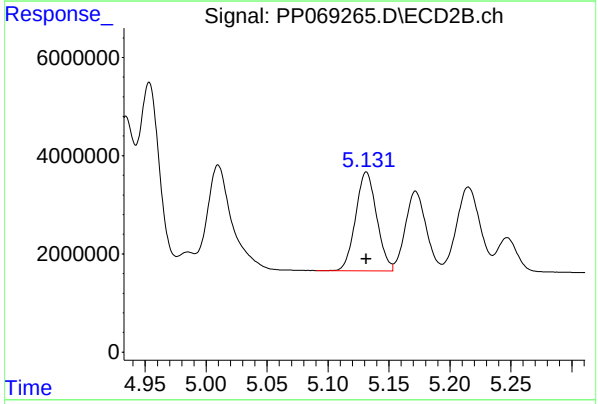
#5 AR-1016-3

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 39869399
Conc: 946.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

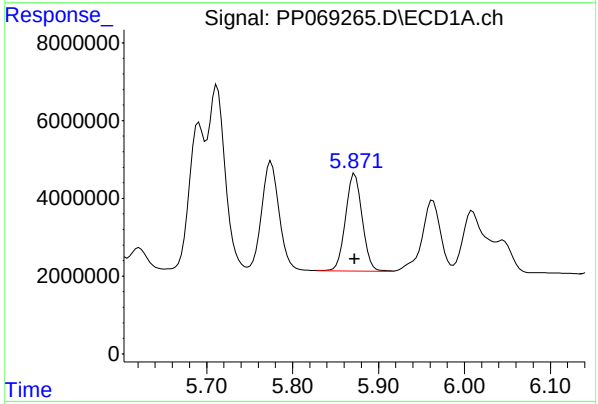
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



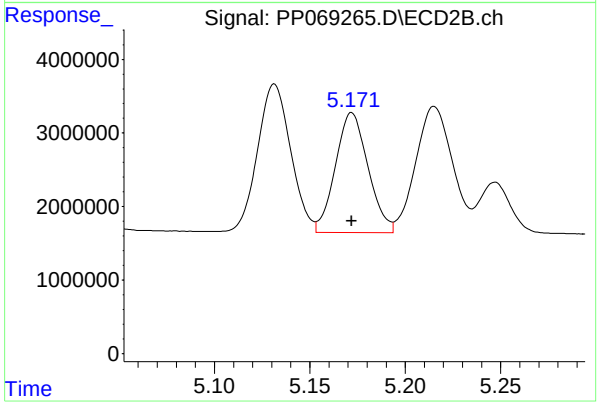
#5 AR-1016-3

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 24261336
Conc: 973.36 ng/ml



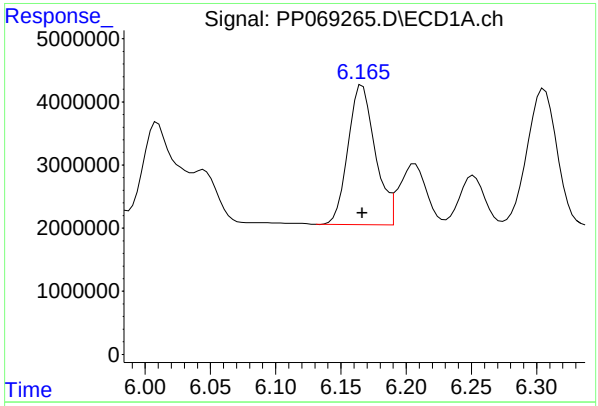
#6 AR-1016-4

R.T.: 5.872 min
Delta R.T.: 0.000 min
Response: 33707176
Conc: 957.22 ng/ml



#6 AR-1016-4

R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 19438184
Conc: 961.36 ng/ml



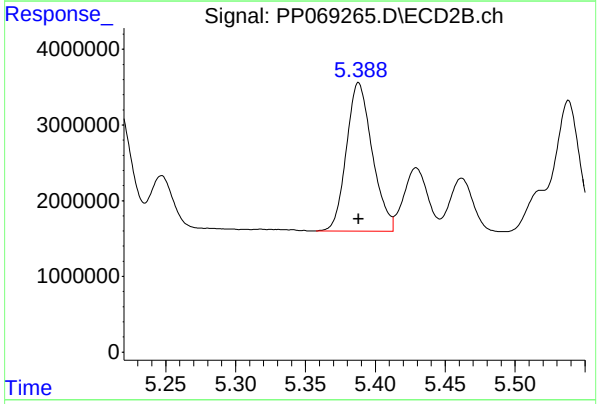
#7 AR-1016-5

R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 32090736
Conc: 955.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

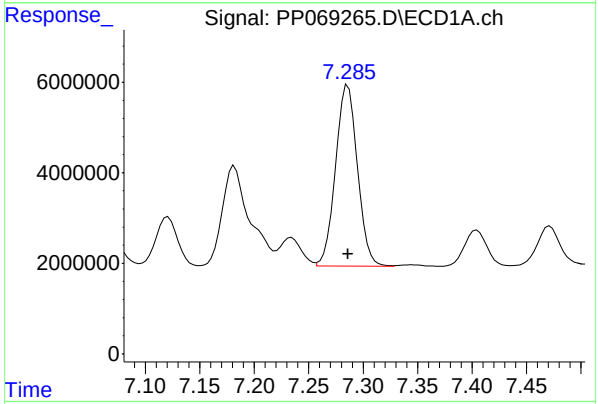
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



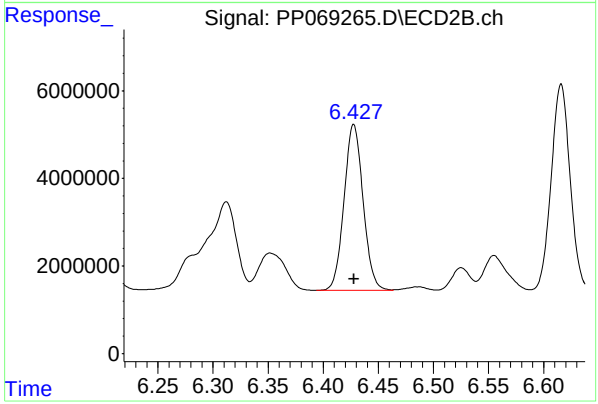
#7 AR-1016-5

R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 25297814
Conc: 965.36 ng/ml



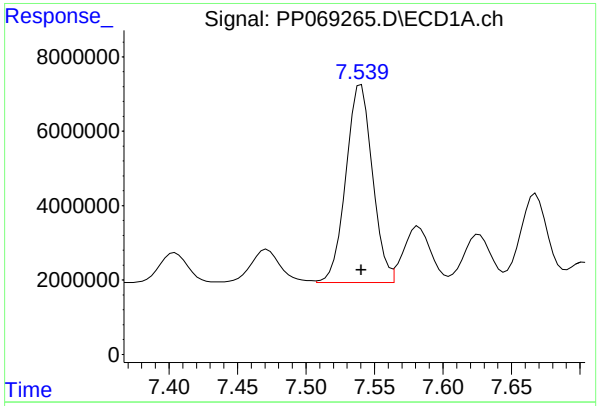
#31 AR-1260-1

R.T.: 7.286 min
Delta R.T.: 0.000 min
Response: 55810838
Conc: 952.91 ng/ml



#31 AR-1260-1

R.T.: 6.428 min
Delta R.T.: 0.000 min
Response: 45562804
Conc: 961.15 ng/ml



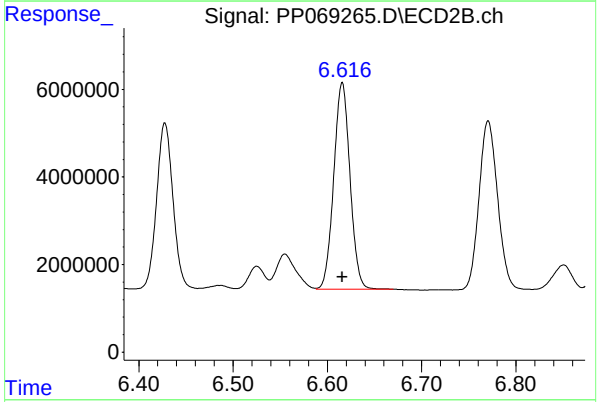
#32 AR-1260-2

R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 71849008
Conc: 954.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

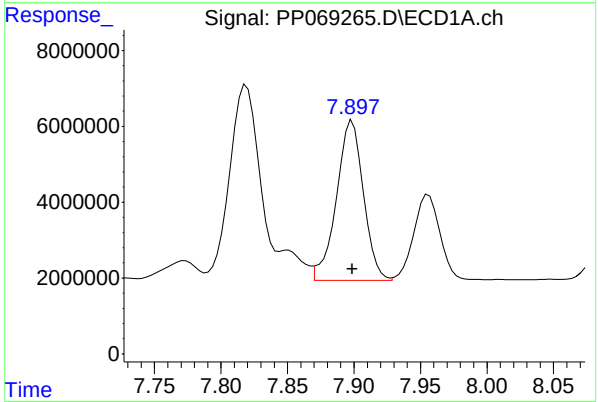
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



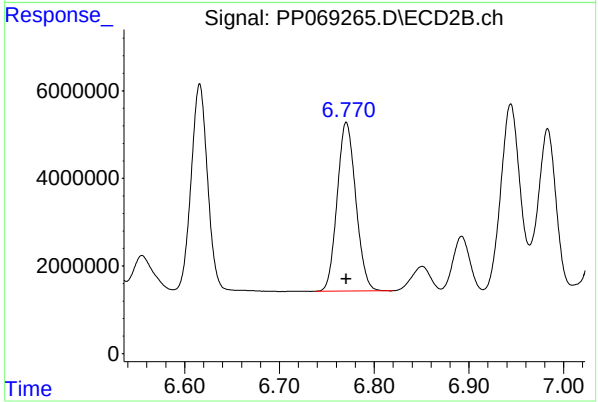
#32 AR-1260-2

R.T.: 6.616 min
Delta R.T.: 0.000 min
Response: 56383179
Conc: 948.64 ng/ml



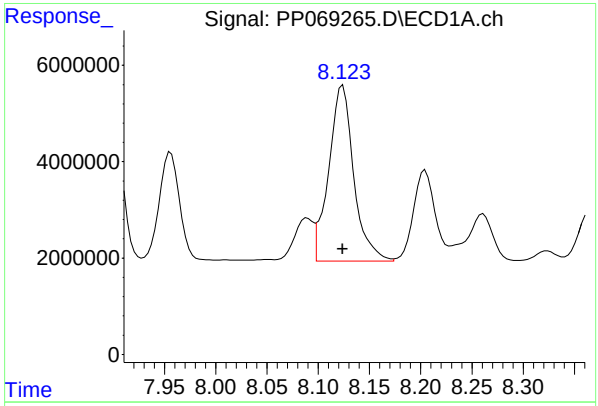
#33 AR-1260-3

R.T.: 7.899 min
Delta R.T.: 0.000 min
Response: 59639386
Conc: 962.01 ng/ml



#33 AR-1260-3

R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 52562549
Conc: 960.09 ng/ml



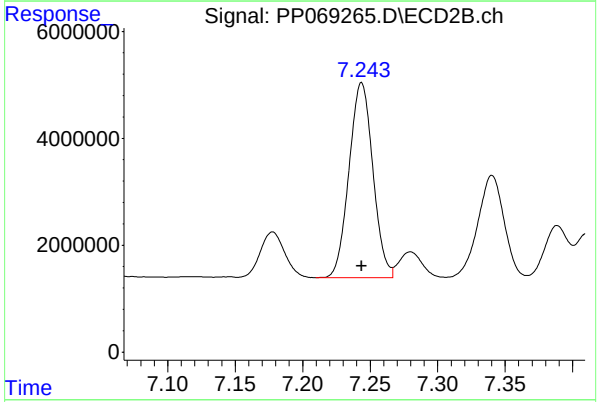
#34 AR-1260-4

R.T.: 8.124 min
Delta R.T.: 0.000 min
Response: 61734973
Conc: 955.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

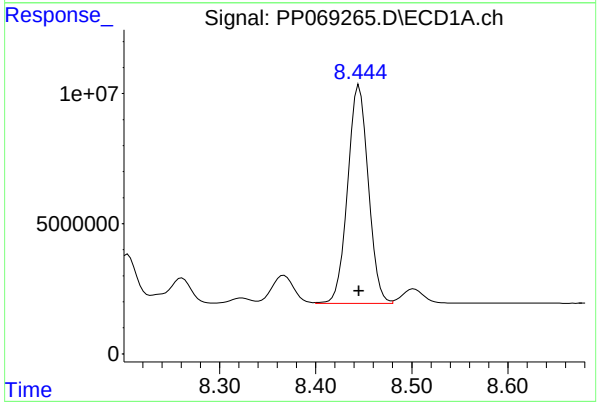
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



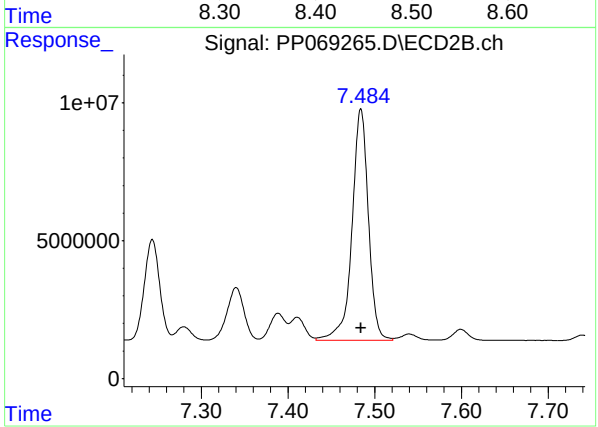
#34 AR-1260-4

R.T.: 7.244 min
Delta R.T.: 0.000 min
Response: 44924385
Conc: 971.00 ng/ml



#35 AR-1260-5

R.T.: 8.445 min
Delta R.T.: 0.000 min
Response: 125094433
Conc: 959.59 ng/ml



#35 AR-1260-5

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 110513786
Conc: 990.65 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069266.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 09:54
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: Jan 28 10:47:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 10:41:22 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...	4.536	3.840	110.5E6	69677468	74.910	75.426
2)	SA Decachlor...	10.277	8.912	83733323	80681848	74.870	74.209
	Target Compounds						
3)	L1 AR-1016-1	5.690	4.933	34577756	25167470	741.681	765.192
4)	L1 AR-1016-2	5.711	4.953	52334815	34727927	760.116	758.902
5)	L1 AR-1016-3	5.774	5.130	31097527	19360462	741.911	767.618
6)	L1 AR-1016-4	5.871	5.172	26477855	15495550	751.282	760.835
7)	L1 AR-1016-5	6.165	5.387	25368307	19857855	753.613	755.164
31)	L7 AR-1260-1	7.285	6.427	43781138	36912722	748.340	768.879
32)	L7 AR-1260-2	7.540	6.615	56422129	45385543	749.540	759.014
33)	L7 AR-1260-3	7.898	6.770	46597139	42836153	751.089	771.312
34)	L7 AR-1260-4	8.123	7.243	48551980	36438743	750.752	774.651
35)	L7 AR-1260-5	8.445	7.483	97709365	87084516	749.681	770.144

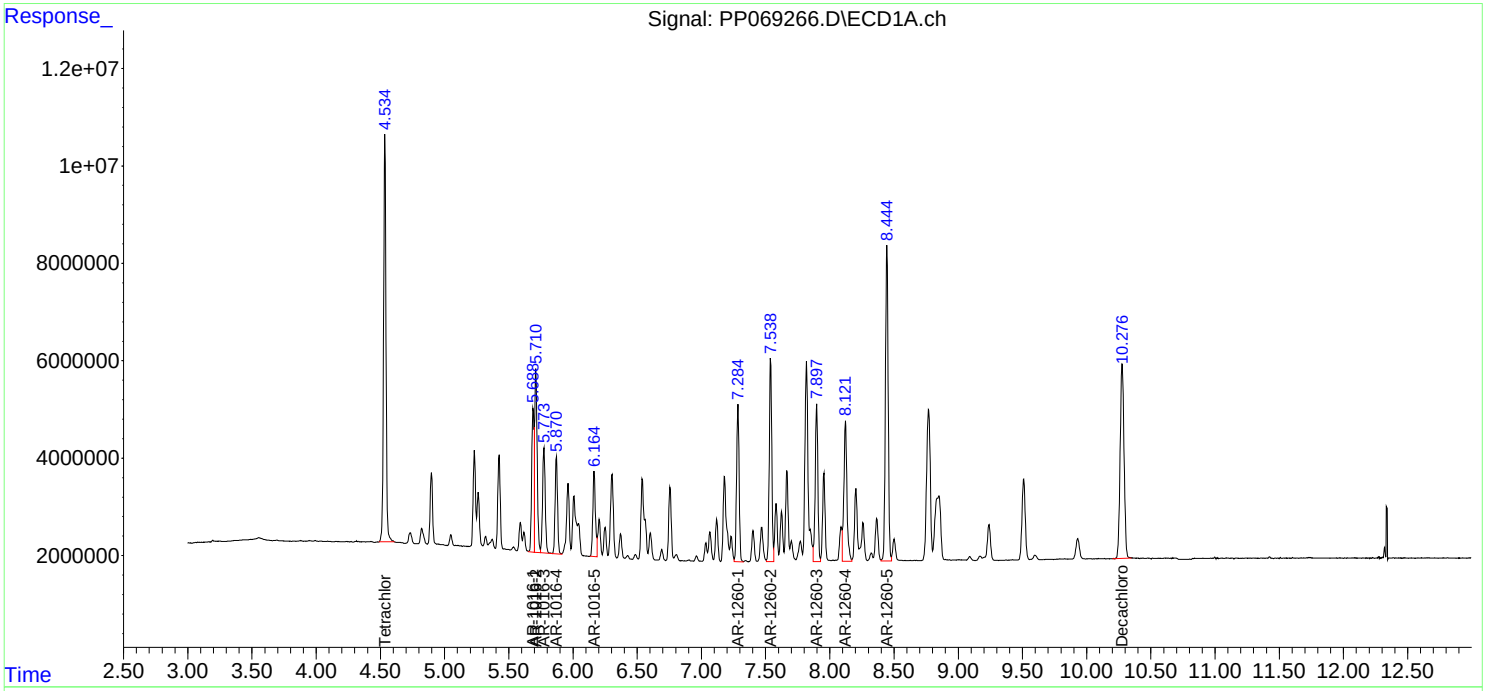
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

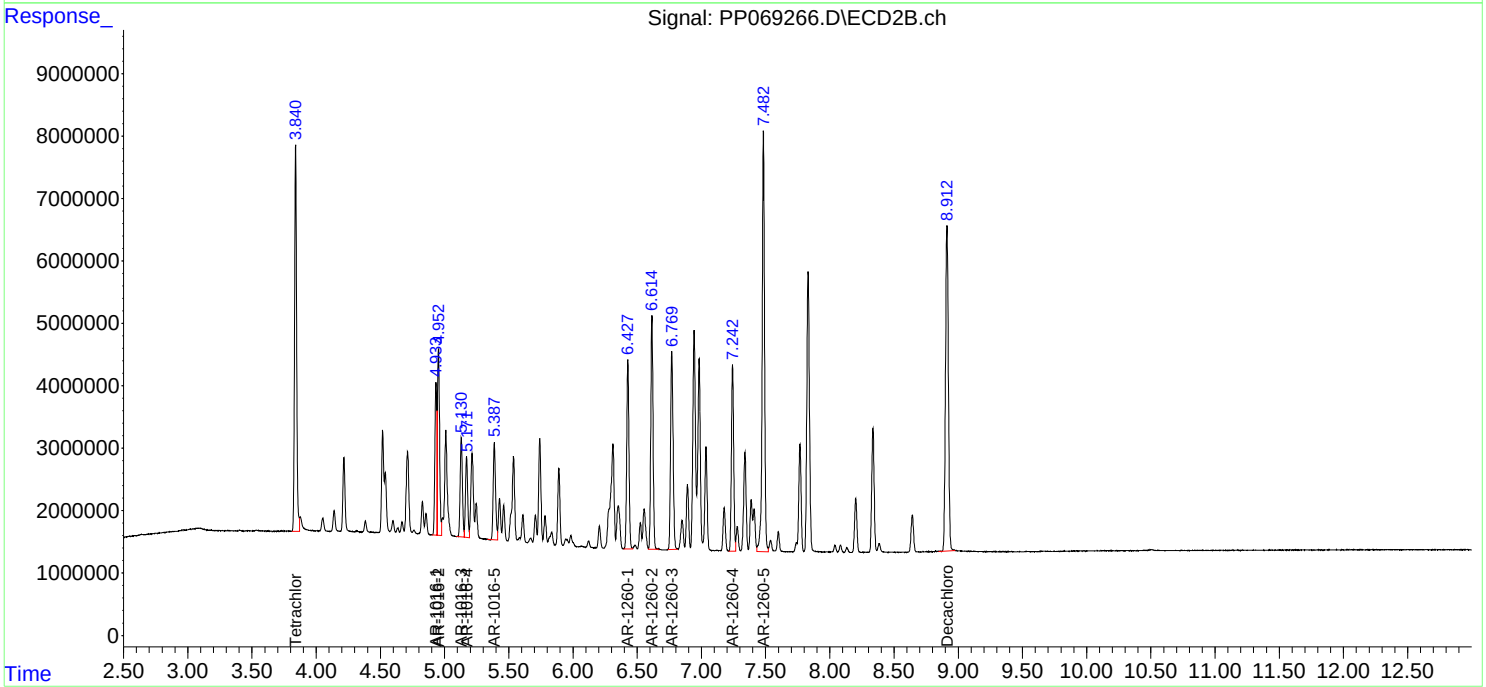
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069266.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 09:54
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

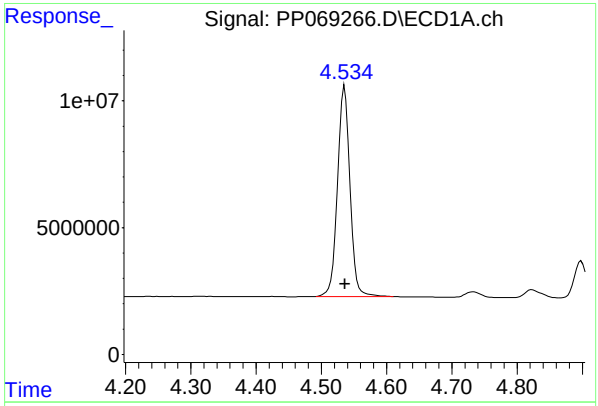
Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 10:47:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 10:41:22 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



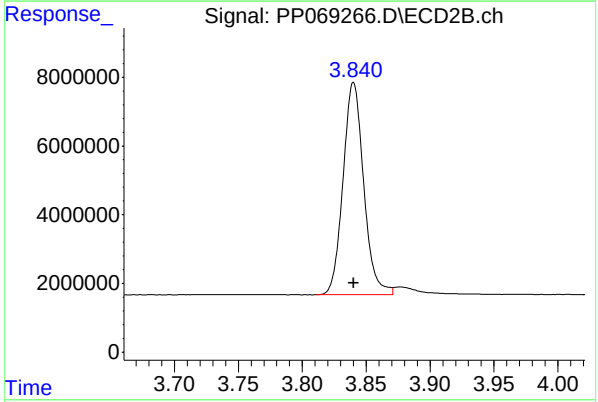




#1 Tetrachloro-m-xylene

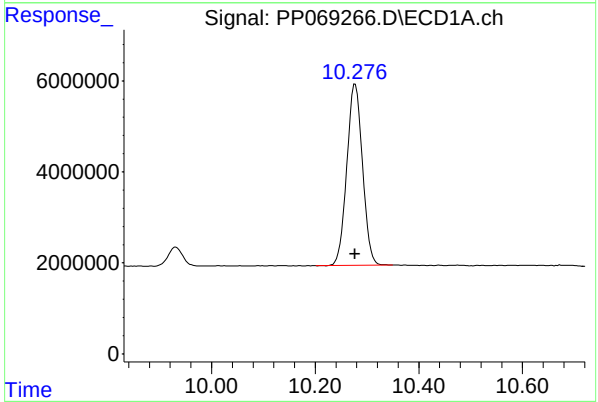
R.T.: 4.536 min
Delta R.T.: 0.000 min
Response: 110537107
Conc: 74.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



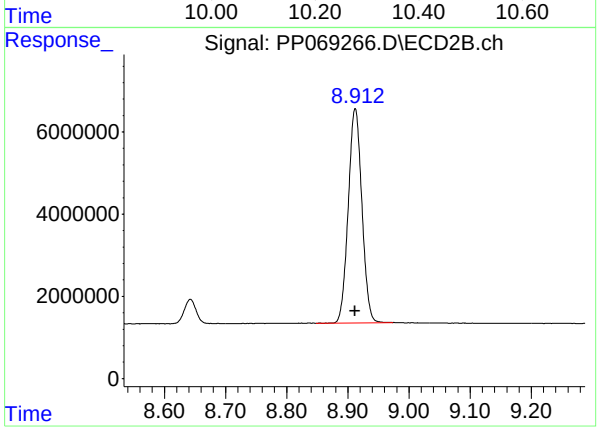
#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 69677468
Conc: 75.43 ng/ml



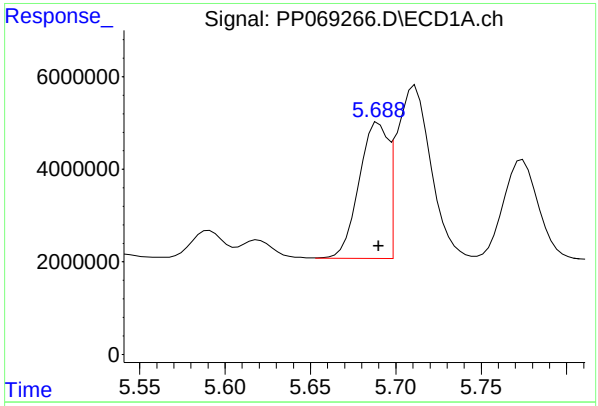
#2 Decachlorobiphenyl

R.T.: 10.277 min
Delta R.T.: 0.000 min
Response: 83733323
Conc: 74.87 ng/ml



#2 Decachlorobiphenyl

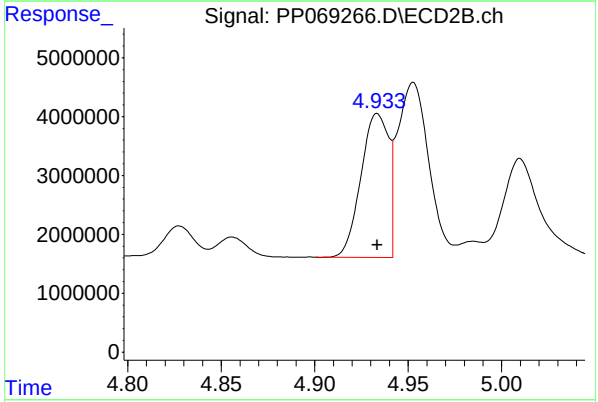
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 80681848
Conc: 74.21 ng/ml



#3 AR-1016-1

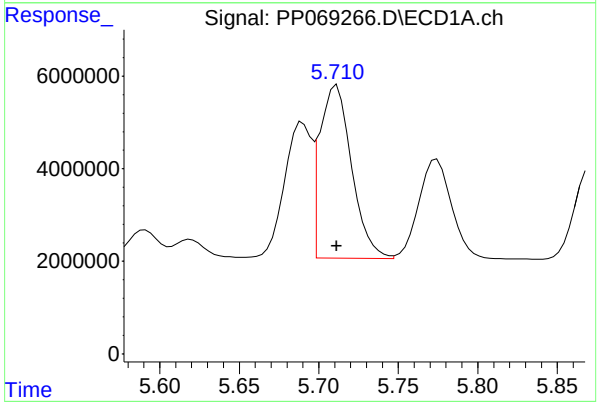
R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 34577756
Conc: 741.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



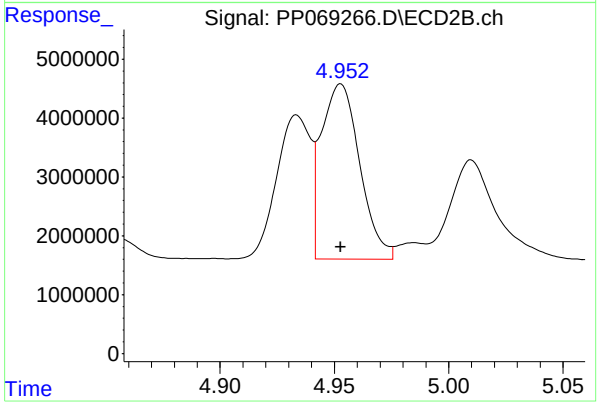
#3 AR-1016-1

R.T.: 4.933 min
Delta R.T.: 0.000 min
Response: 25167470
Conc: 765.19 ng/ml



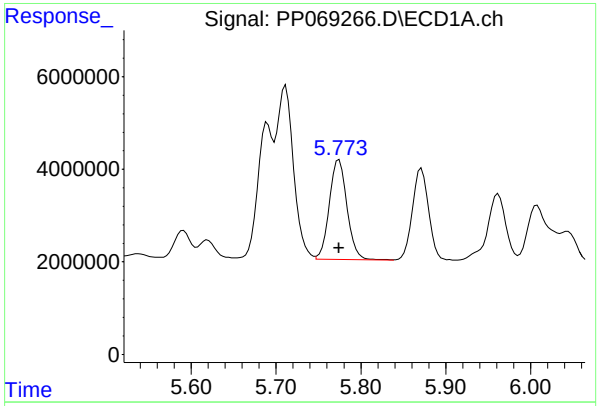
#4 AR-1016-2

R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 52334815
Conc: 760.12 ng/ml



#4 AR-1016-2

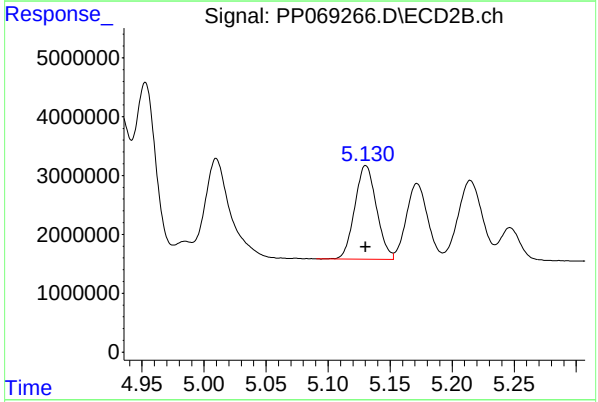
R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 34727927
Conc: 758.90 ng/ml



#5 AR-1016-3

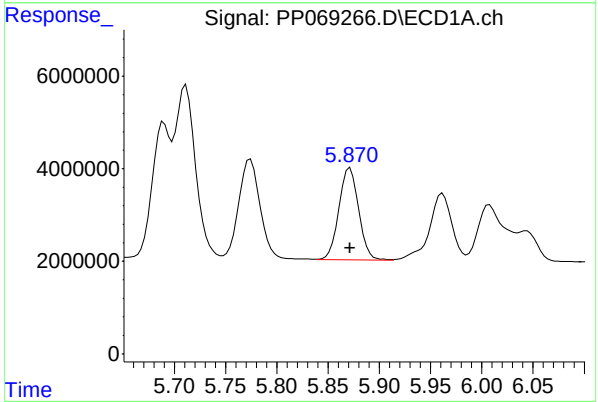
R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 31097527
Conc: 741.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



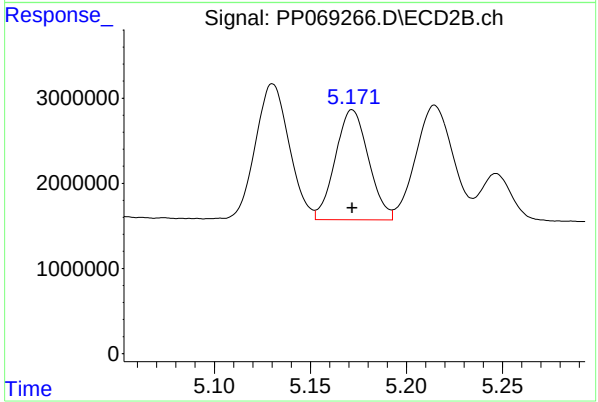
#5 AR-1016-3

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 19360462
Conc: 767.62 ng/ml



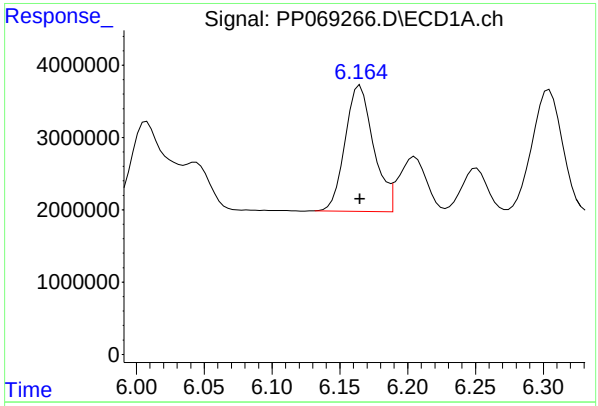
#6 AR-1016-4

R.T.: 5.871 min
Delta R.T.: 0.000 min
Response: 26477855
Conc: 751.28 ng/ml



#6 AR-1016-4

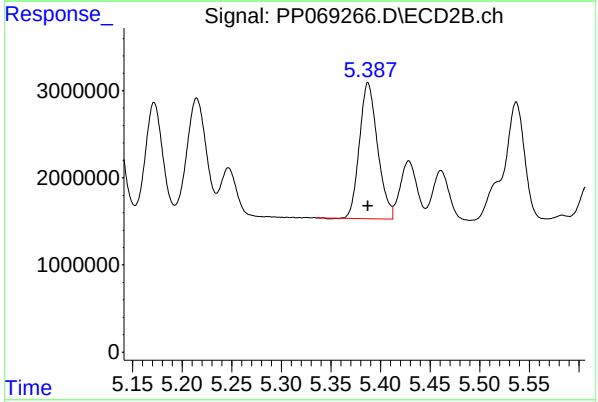
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 15495550
Conc: 760.83 ng/ml



#7 AR-1016-5

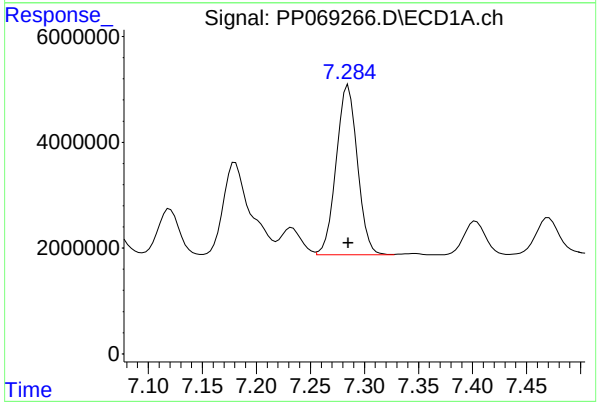
R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 25368307
Conc: 753.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



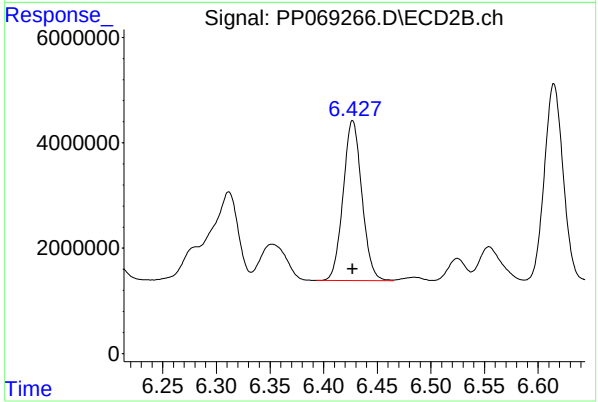
#7 AR-1016-5

R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 19857855
Conc: 755.16 ng/ml



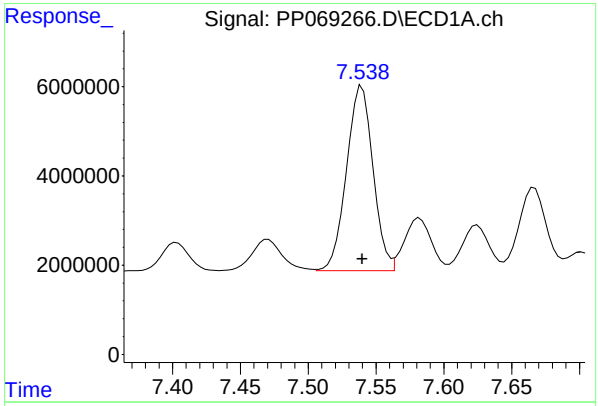
#31 AR-1260-1

R.T.: 7.285 min
Delta R.T.: 0.000 min
Response: 43781138
Conc: 748.34 ng/ml



#31 AR-1260-1

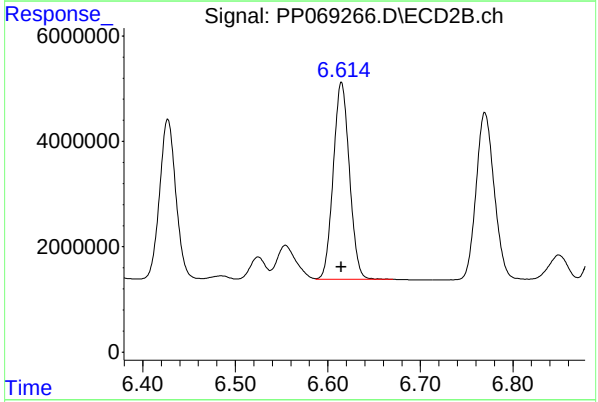
R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 36912722
Conc: 768.88 ng/ml



#32 AR-1260-2

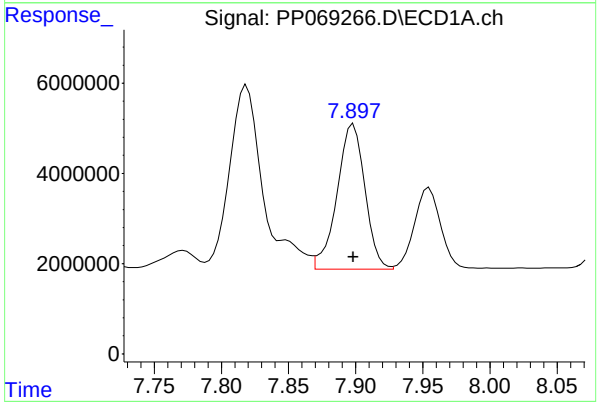
R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 56422129
Conc: 749.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



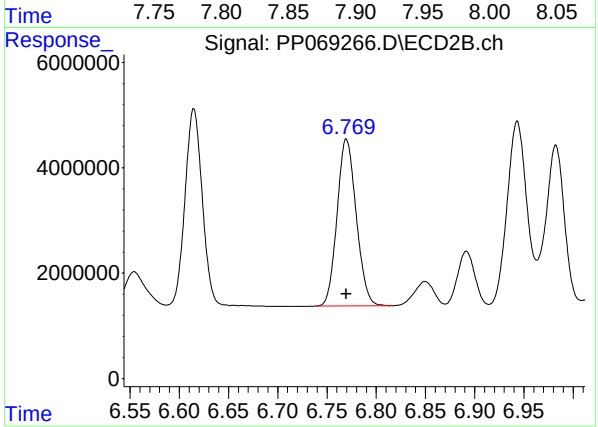
#32 AR-1260-2

R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 45385543
Conc: 759.01 ng/ml



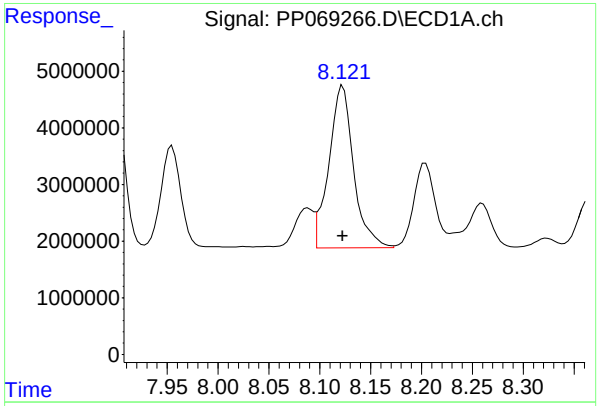
#33 AR-1260-3

R.T.: 7.898 min
Delta R.T.: 0.000 min
Response: 46597139
Conc: 751.09 ng/ml



#33 AR-1260-3

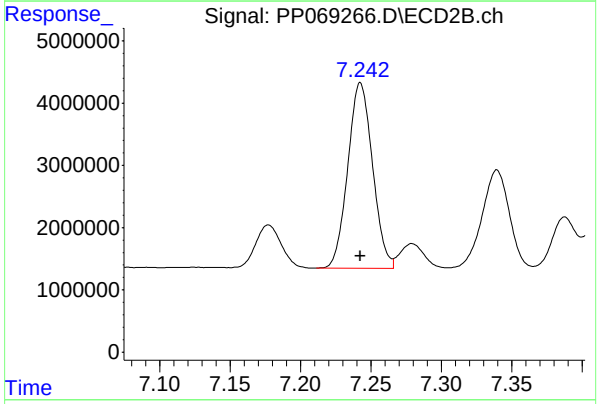
R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 42836153
Conc: 771.31 ng/ml



#34 AR-1260-4

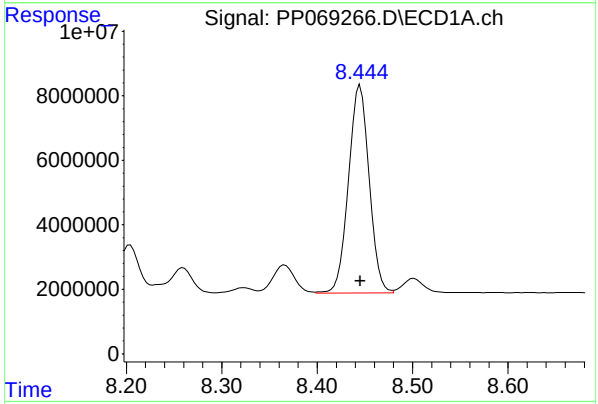
R.T.: 8.123 min
Delta R.T.: 0.000 min
Response: 48551980
Conc: 750.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



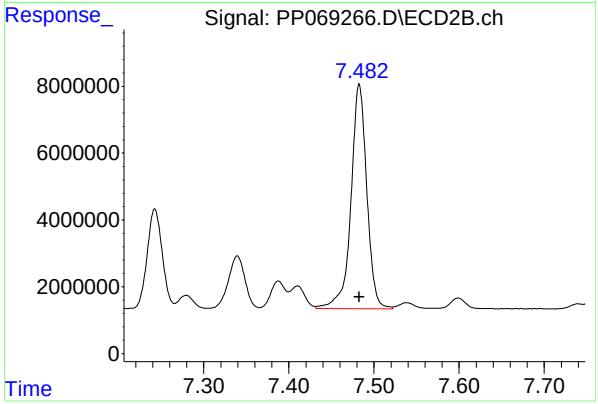
#34 AR-1260-4

R.T.: 7.243 min
Delta R.T.: 0.000 min
Response: 36438743
Conc: 774.65 ng/ml



#35 AR-1260-5

R.T.: 8.445 min
Delta R.T.: 0.000 min
Response: 97709365
Conc: 749.68 ng/ml



#35 AR-1260-5

R.T.: 7.483 min
Delta R.T.: 0.000 min
Response: 87084516
Conc: 770.14 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069267.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 10:10
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: Jan 28 10:41:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 10:41:22 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...	4.538	3.840	76123507	47329852	50.000	50.000
2)	SA Decachlor...	10.279	8.911	58476460	55212996	50.000	50.000
	Target Compounds						
3)	L1 AR-1016-1	5.692	4.934	24597370	16740468	500.000	500.000
4)	L1 AR-1016-2	5.714	4.953	35329099	23473253	500.000	500.000
5)	L1 AR-1016-3	5.776	5.130	22206817	12794594	500.000	500.000
6)	L1 AR-1016-4	5.874	5.172	18359887	10500306	500.000	500.000
7)	L1 AR-1016-5	6.167	5.388	17535770	13556639	500.000	500.000
31)	L7 AR-1260-1	7.287	6.426	30663621	24622834	500.000	500.000
32)	L7 AR-1260-2	7.541	6.615	39374261	31244422	500.000	500.000
33)	L7 AR-1260-3	7.900	6.770	32174651	28466392	500.000	500.000
34)	L7 AR-1260-4	8.125	7.242	33771200	23803698	500.000	500.000
35)	L7 AR-1260-5	8.447	7.484	67814967	56300228	500.000	500.000

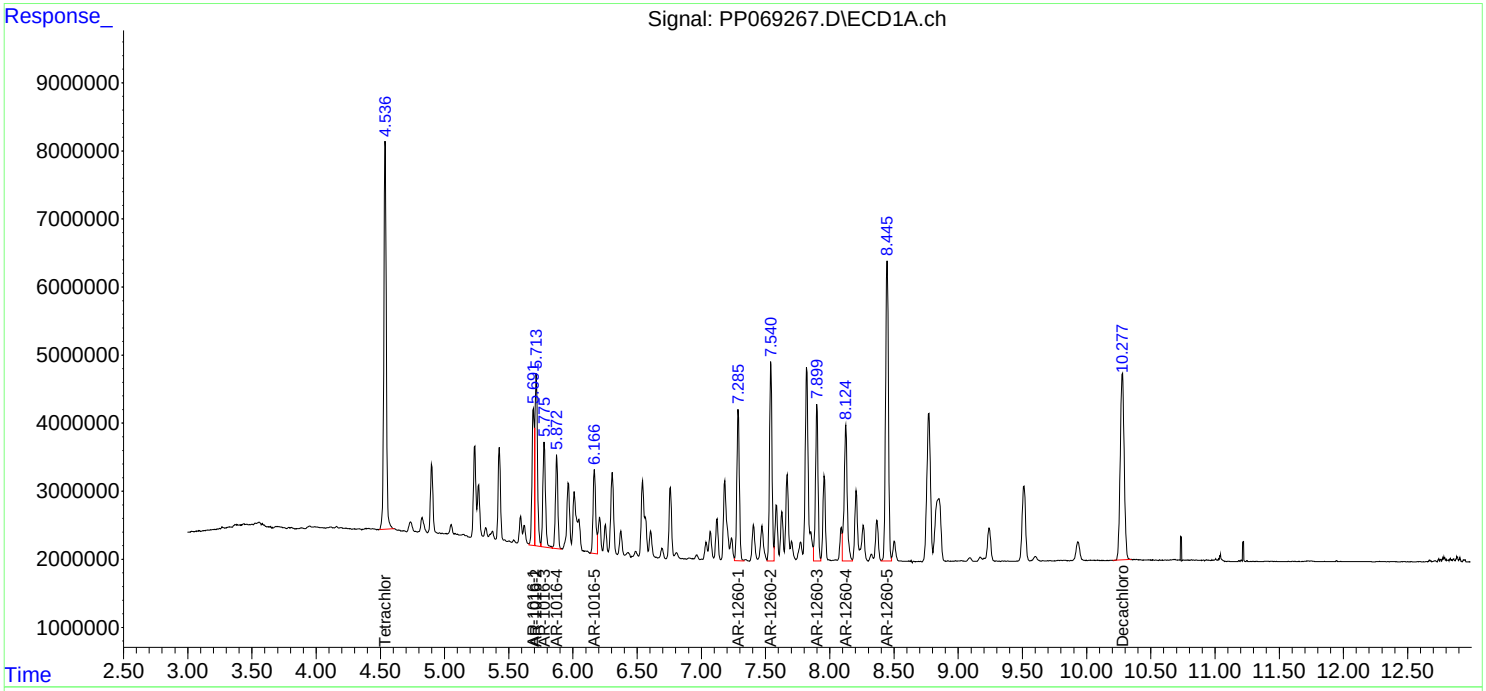
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

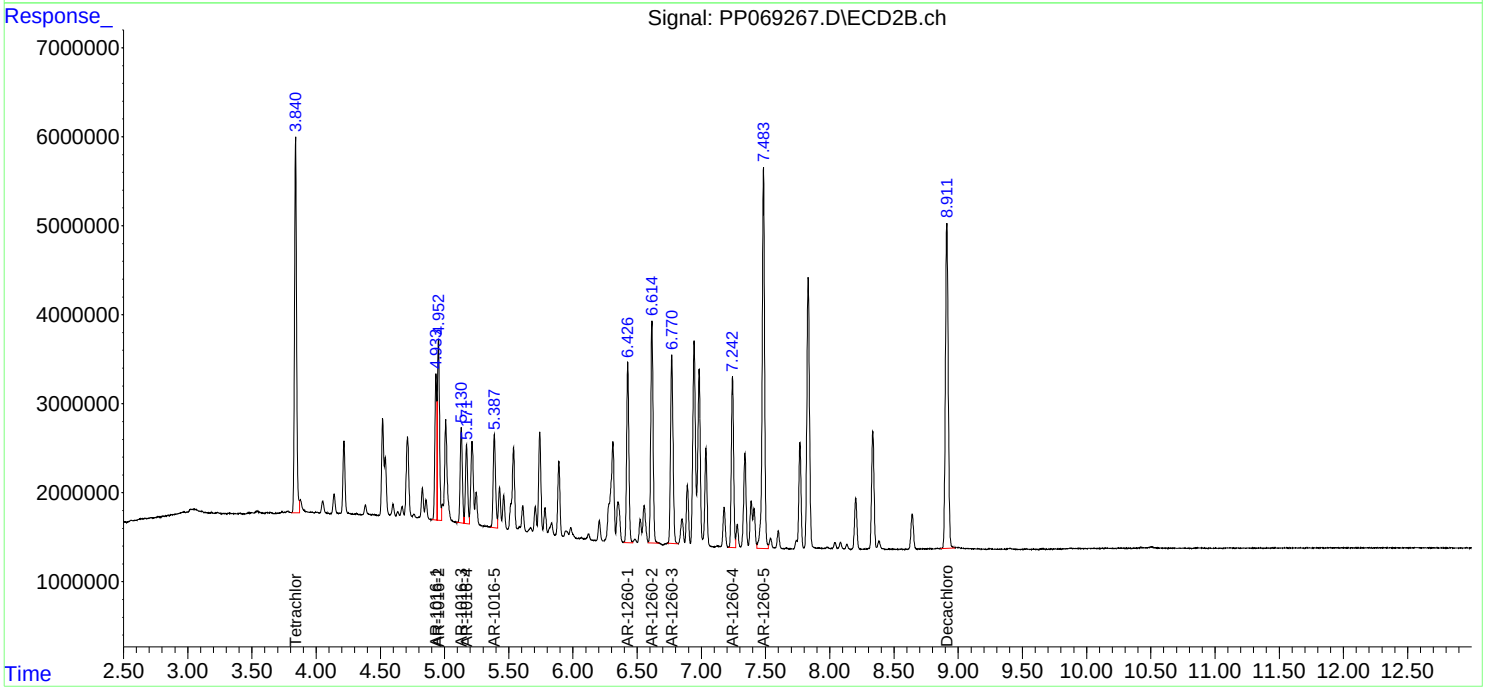
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069267.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 10:10
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

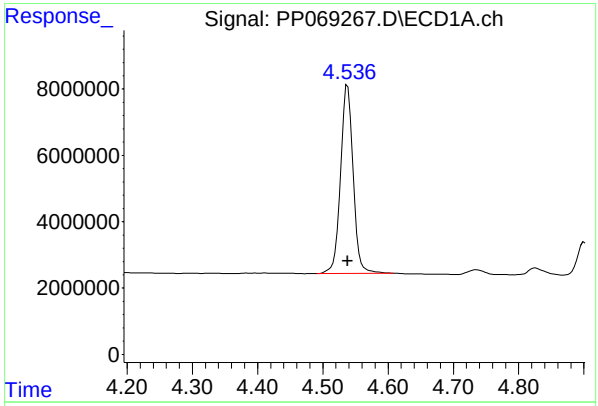
Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 10:41:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 10:41:22 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



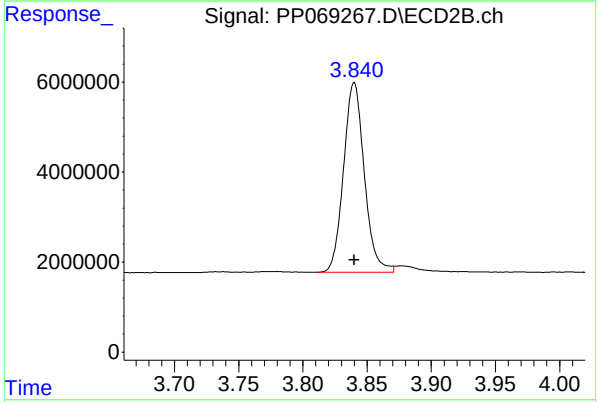




#1 Tetrachloro-m-xylene

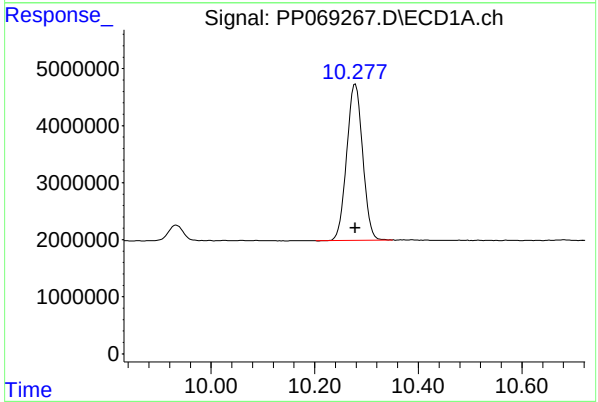
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 76123507
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



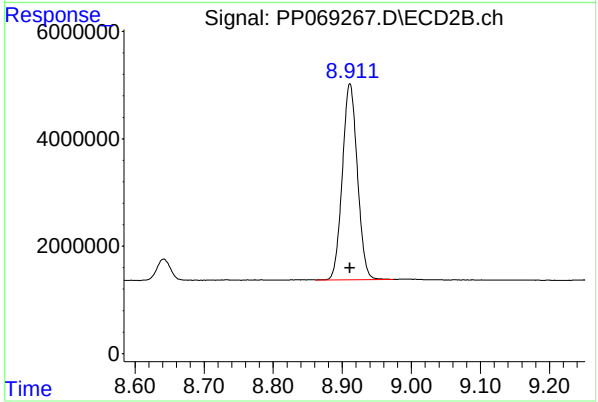
#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 47329852
Conc: 50.00 ng/ml



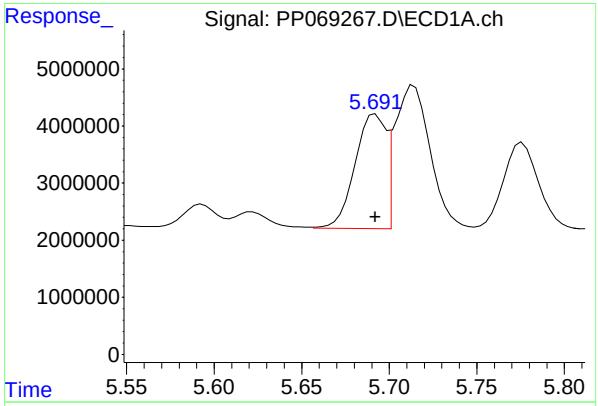
#2 Decachlorobiphenyl

R.T.: 10.279 min
Delta R.T.: 0.000 min
Response: 58476460
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

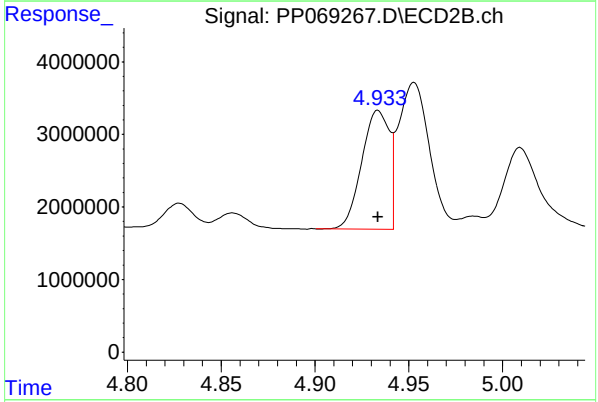
R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 55212996
Conc: 50.00 ng/ml



#3 AR-1016-1

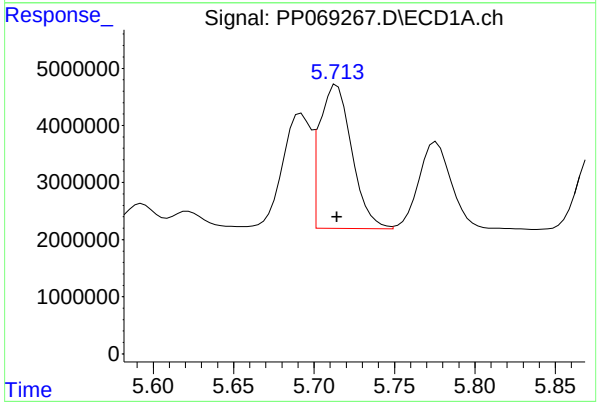
R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 24597370
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



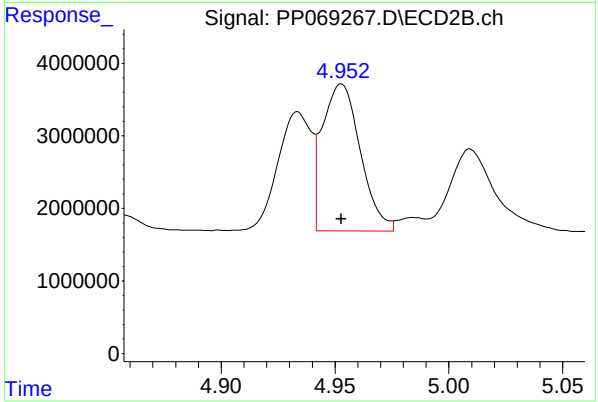
#3 AR-1016-1

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 16740468
Conc: 500.00 ng/ml



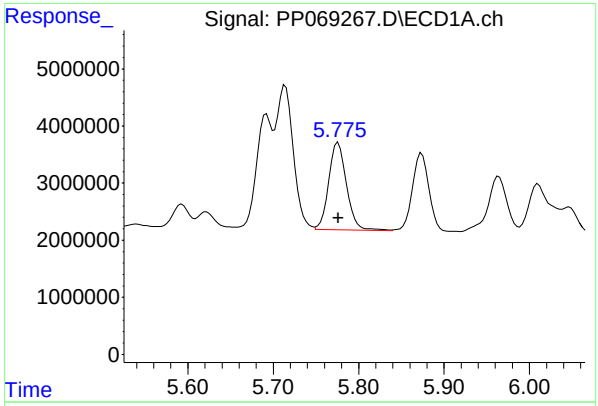
#4 AR-1016-2

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 35329099
Conc: 500.00 ng/ml



#4 AR-1016-2

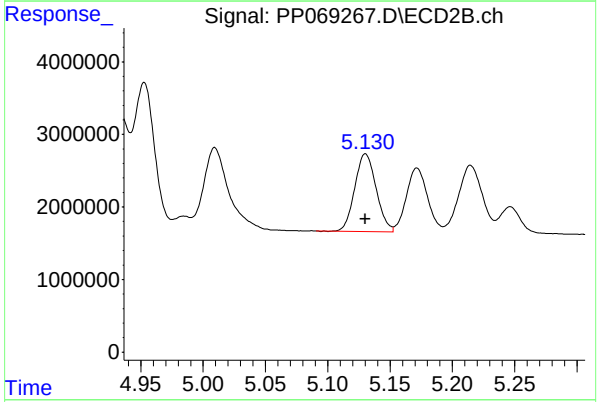
R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 23473253
Conc: 500.00 ng/ml



#5 AR-1016-3

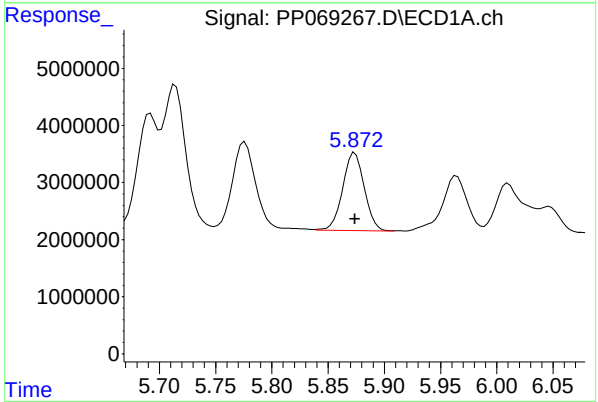
R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 22206817
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



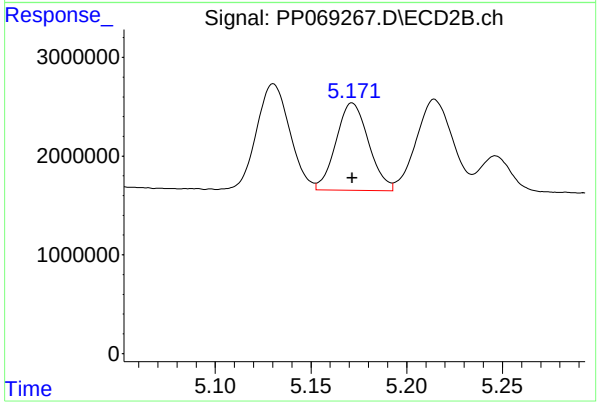
#5 AR-1016-3

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 12794594
Conc: 500.00 ng/ml



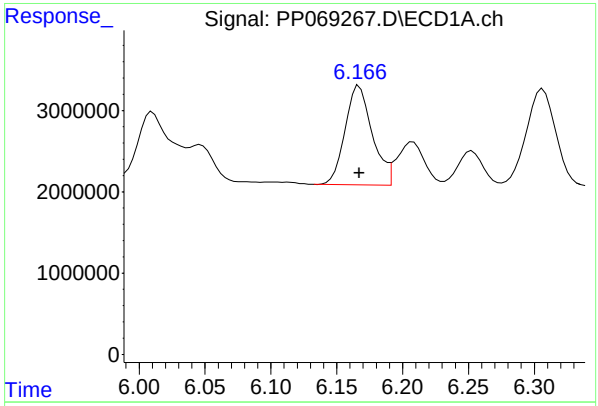
#6 AR-1016-4

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 18359887
Conc: 500.00 ng/ml



#6 AR-1016-4

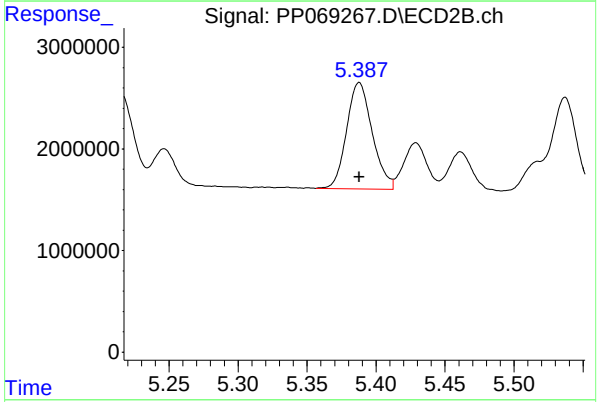
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 10500306
Conc: 500.00 ng/ml



#7 AR-1016-5

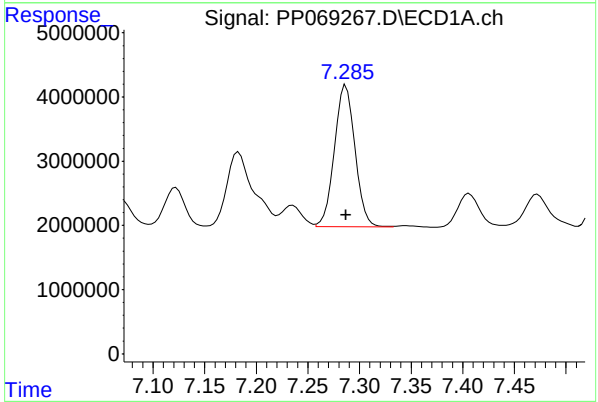
R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 17535770
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



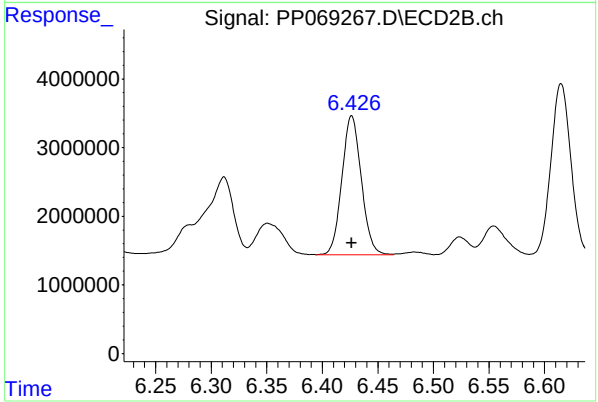
#7 AR-1016-5

R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 13556639
Conc: 500.00 ng/ml



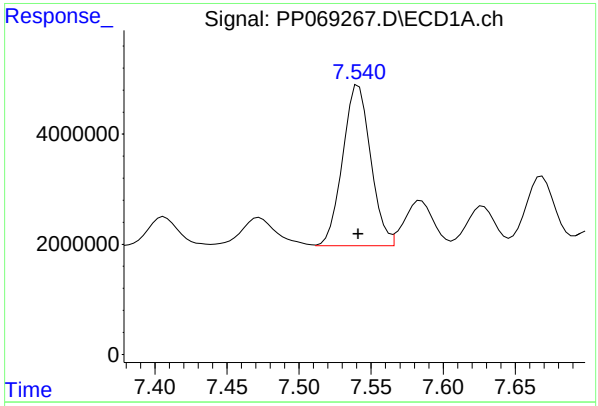
#31 AR-1260-1

R.T.: 7.287 min
Delta R.T.: 0.000 min
Response: 30663621
Conc: 500.00 ng/ml



#31 AR-1260-1

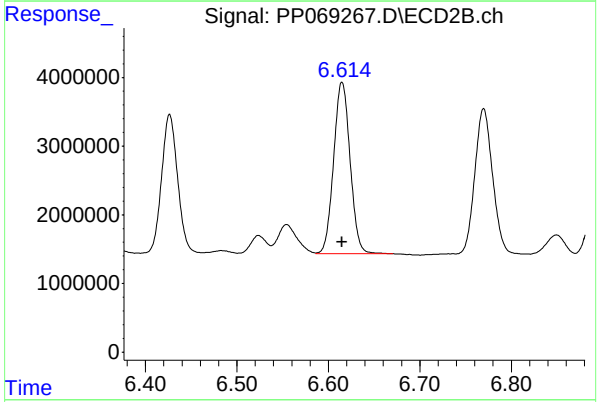
R.T.: 6.426 min
Delta R.T.: 0.000 min
Response: 24622834
Conc: 500.00 ng/ml



#32 AR-1260-2

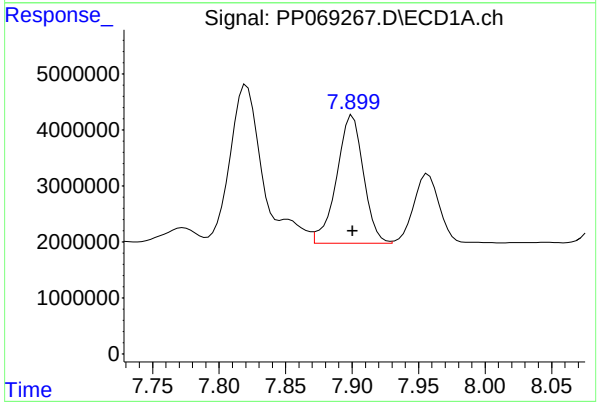
R.T.: 7.541 min
Delta R.T.: 0.000 min
Response: 39374261
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



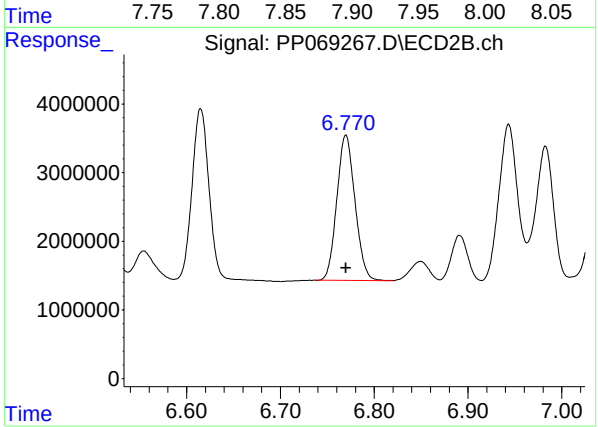
#32 AR-1260-2

R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 31244422
Conc: 500.00 ng/ml



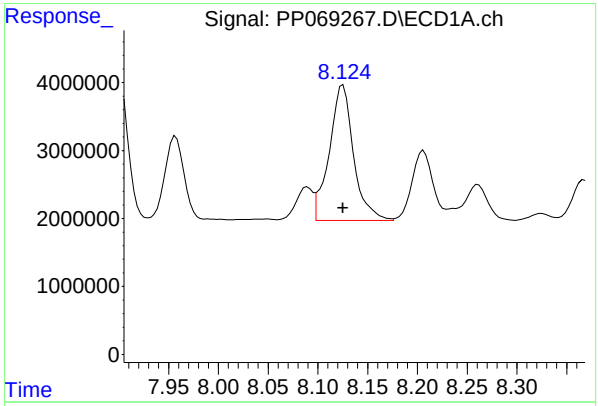
#33 AR-1260-3

R.T.: 7.900 min
Delta R.T.: 0.000 min
Response: 32174651
Conc: 500.00 ng/ml



#33 AR-1260-3

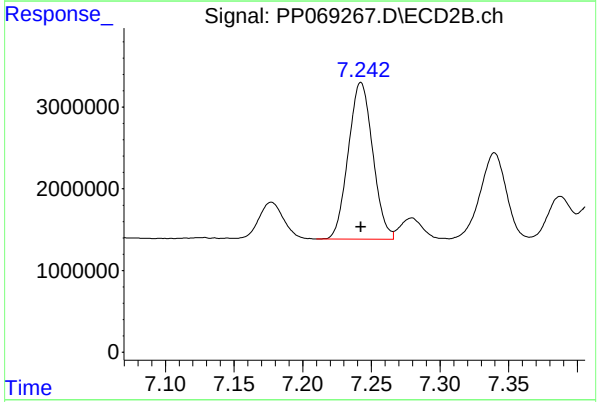
R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 28466392
Conc: 500.00 ng/ml



#34 AR-1260-4

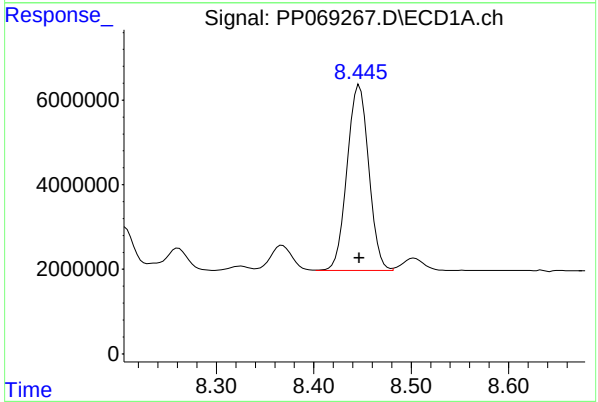
R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 33771200
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



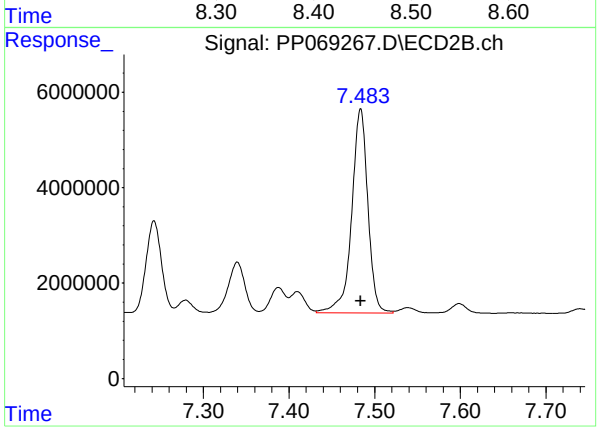
#34 AR-1260-4

R.T.: 7.242 min
Delta R.T.: 0.000 min
Response: 23803698
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 8.447 min
Delta R.T.: 0.000 min
Response: 67814967
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 56300228
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069268.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 10:26
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 10:49:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 10:41:22 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...	4.534	3.840	39276963	24793376	26.194	26.354
2)	SA Decachlor...	10.275	8.911	31087394	33225807	27.041	28.951
	Target Compounds						
3)	L1 AR-1016-1	5.688	4.933	12563303	9488743	264.330	277.802
4)	L1 AR-1016-2	5.711	4.953	18984700	12921784	268.817	273.521
5)	L1 AR-1016-3	5.773	5.130	12148331	7146935	278.728	274.217
6)	L1 AR-1016-4	5.870	5.172	9492997	5871865	264.240	277.672
7)	L1 AR-1016-5	6.164	5.388	9189623	7810918	266.859	283.693
31)	L7 AR-1260-1	7.284	6.426	16281711	13934776	270.640	279.024
32)	L7 AR-1260-2	7.538	6.615	21334462	17223796	274.253	277.488
33)	L7 AR-1260-3	7.897	6.770	17319183	16433686	271.253	282.919
34)	L7 AR-1260-4	8.121	7.242	18337608	13582568	274.347	277.980
35)	L7 AR-1260-5	8.443	7.483	36124405	31649507	269.836	271.772

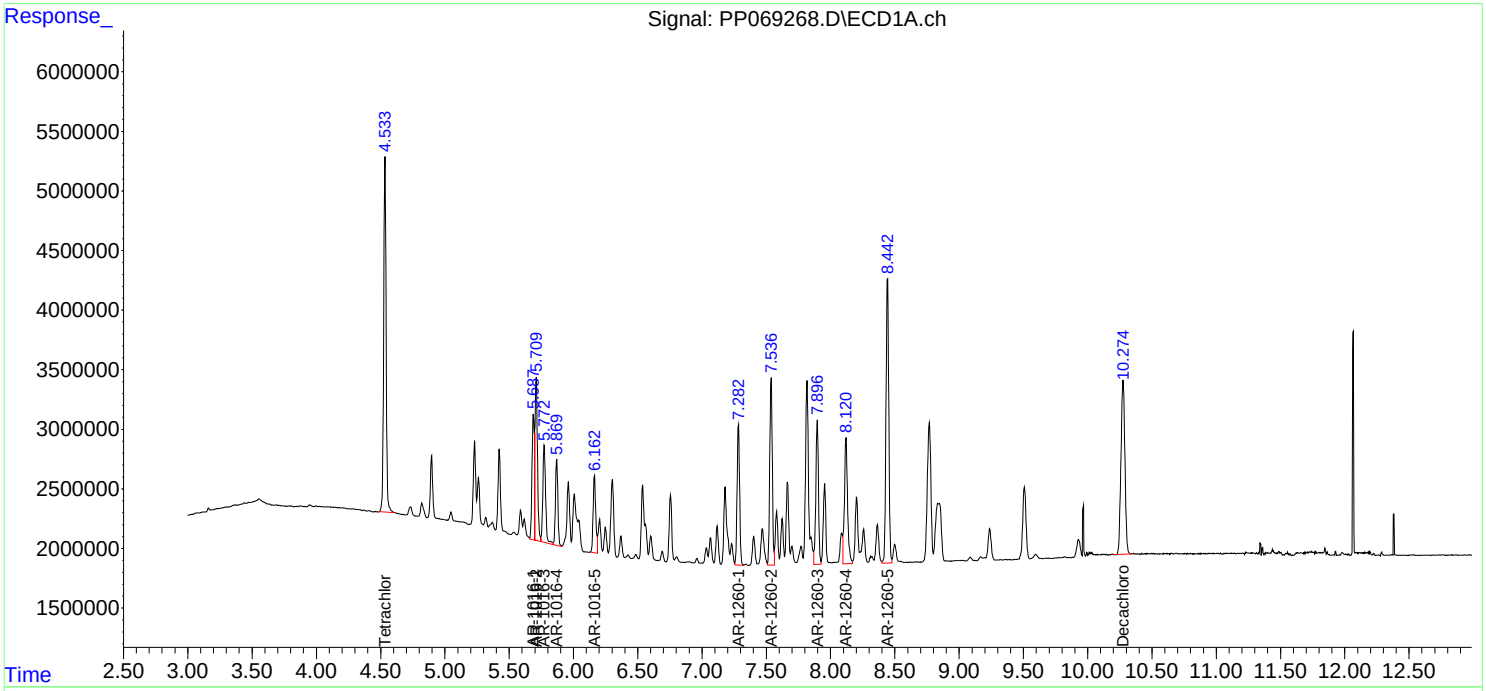
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

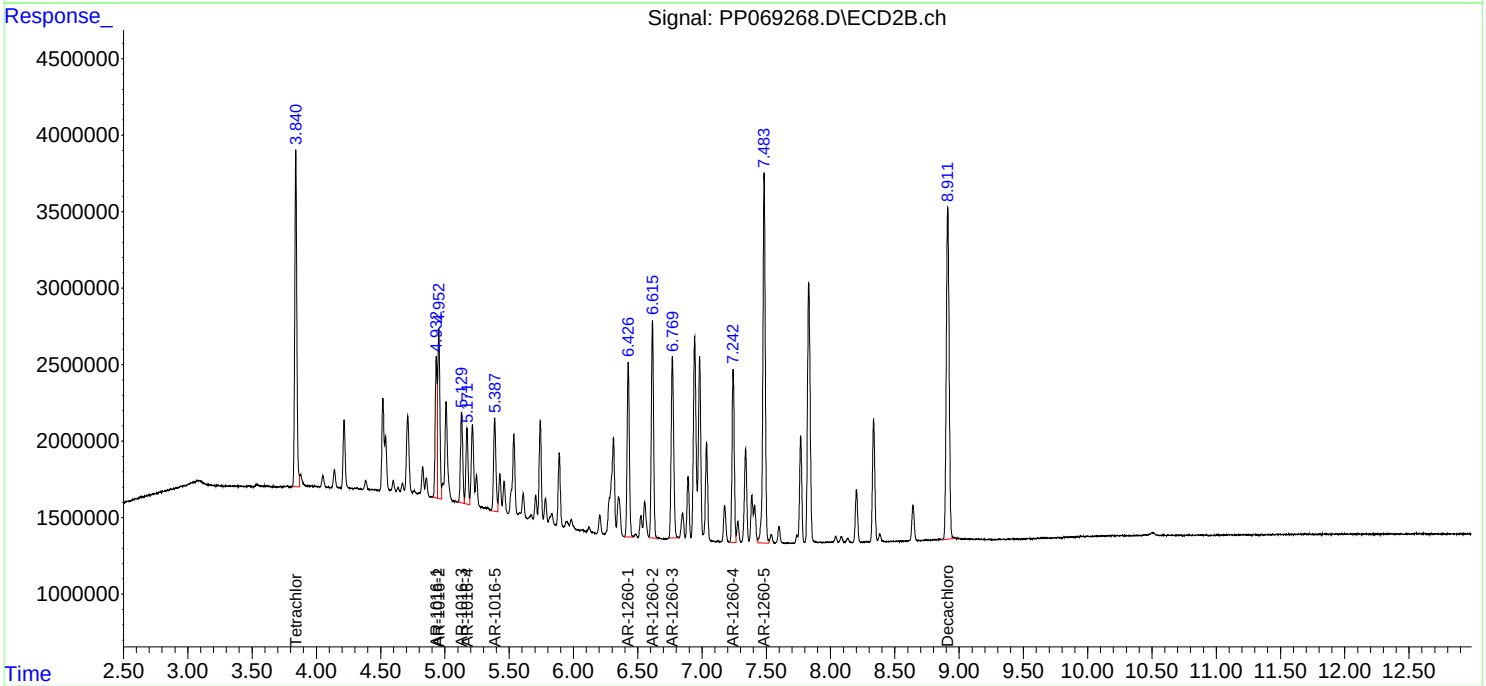
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069268.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 10:26
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

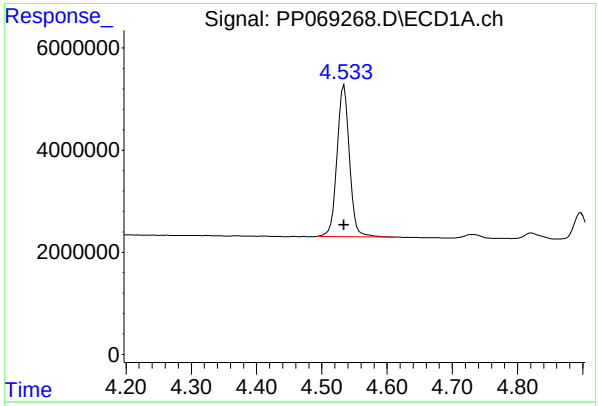
Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 10:49:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 10:41:22 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



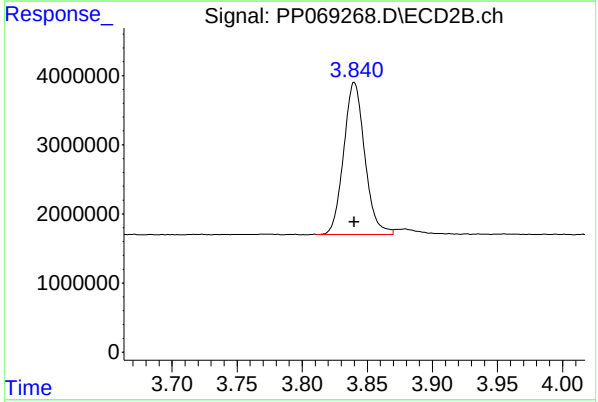




#1 Tetrachloro-m-xylene

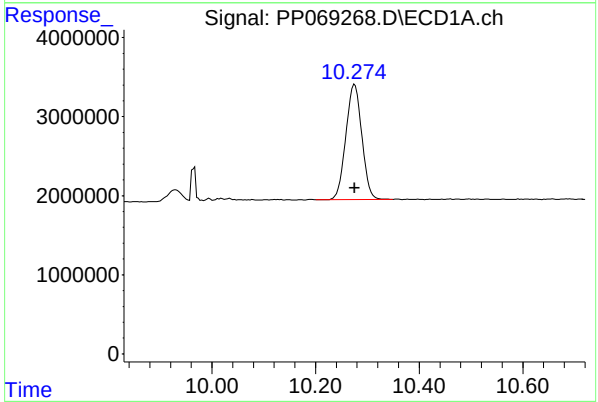
R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 39276963
Conc: 26.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



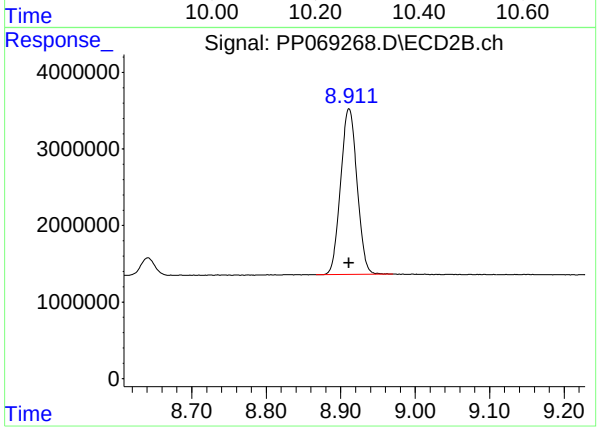
#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 24793376
Conc: 26.35 ng/ml



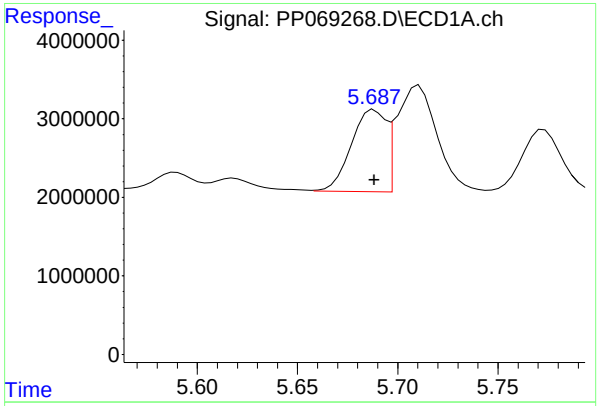
#2 Decachlorobiphenyl

R.T.: 10.275 min
Delta R.T.: 0.000 min
Response: 31087394
Conc: 27.04 ng/ml



#2 Decachlorobiphenyl

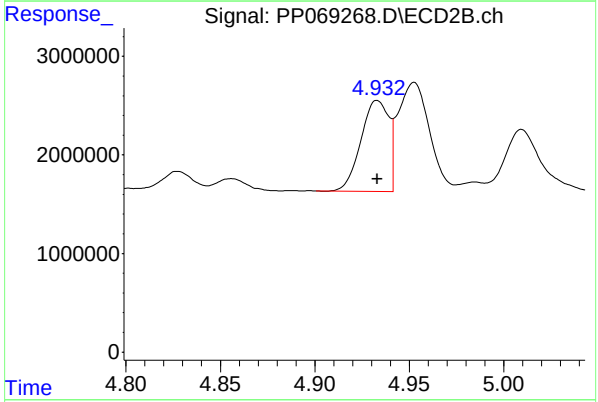
R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 33225807
Conc: 28.95 ng/ml



#3 AR-1016-1

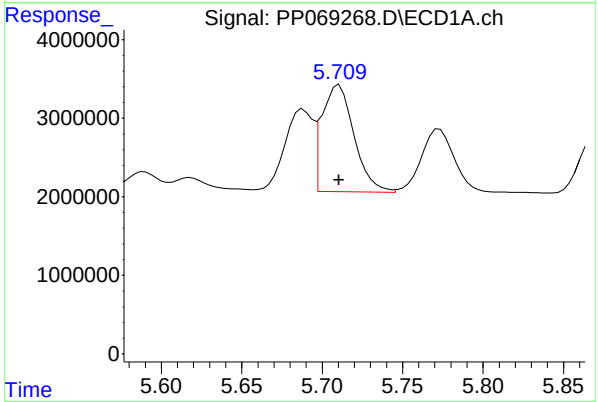
R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 12563303
Conc: 264.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



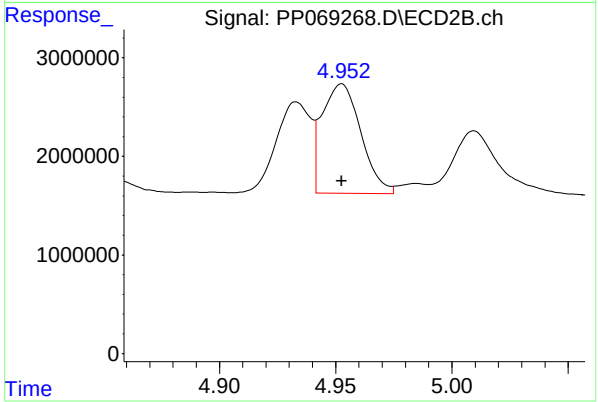
#3 AR-1016-1

R.T.: 4.933 min
Delta R.T.: 0.000 min
Response: 9488743
Conc: 277.80 ng/ml



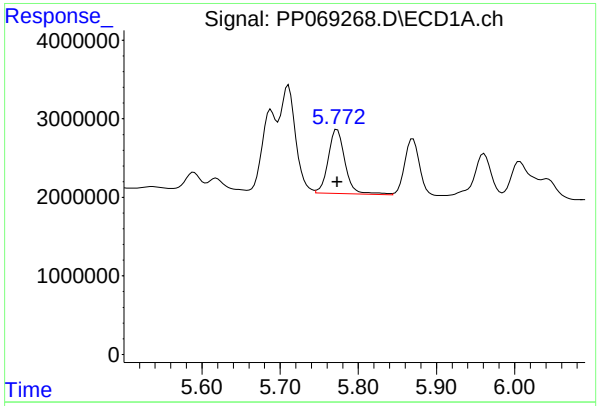
#4 AR-1016-2

R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 18984700
Conc: 268.82 ng/ml



#4 AR-1016-2

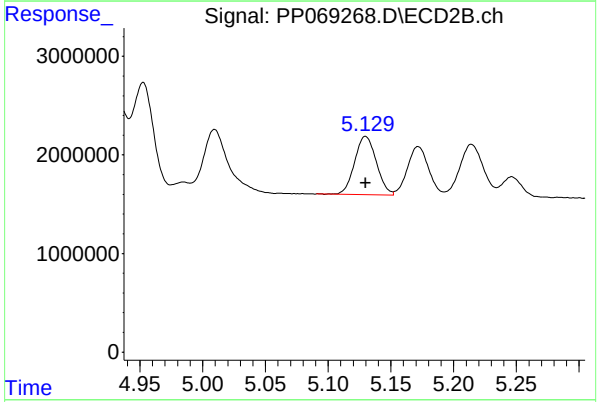
R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 12921784
Conc: 273.52 ng/ml



#5 AR-1016-3

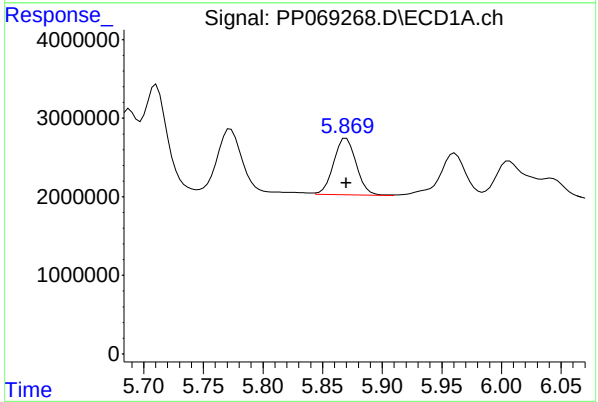
R.T.: 5.773 min
Delta R.T.: 0.000 min
Response: 12148331
Conc: 278.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



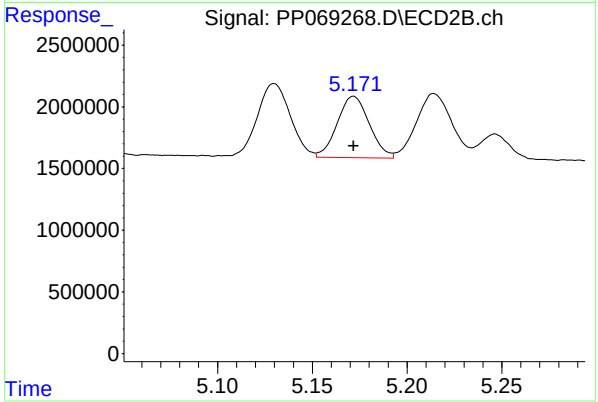
#5 AR-1016-3

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 7146935
Conc: 274.22 ng/ml



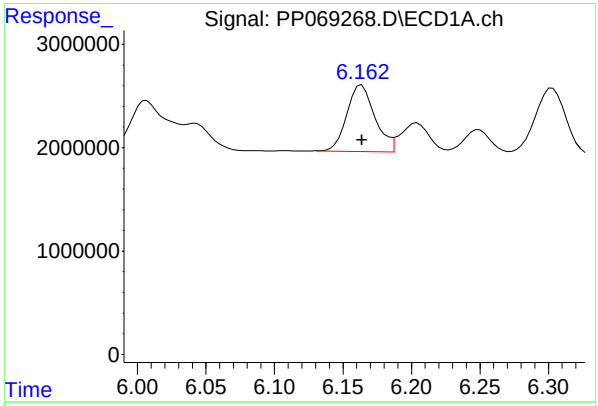
#6 AR-1016-4

R.T.: 5.870 min
Delta R.T.: 0.000 min
Response: 9492997
Conc: 264.24 ng/ml



#6 AR-1016-4

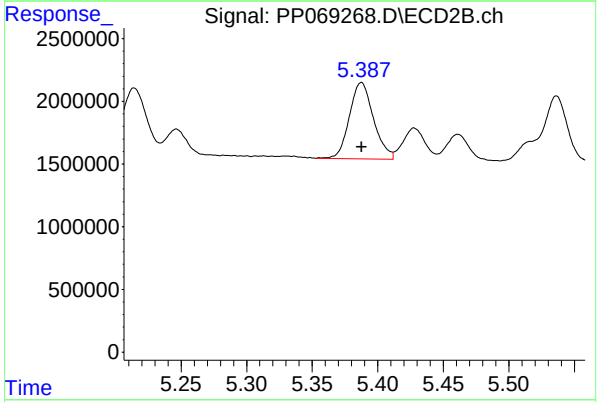
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 5871865
Conc: 277.67 ng/ml



#7 AR-1016-5

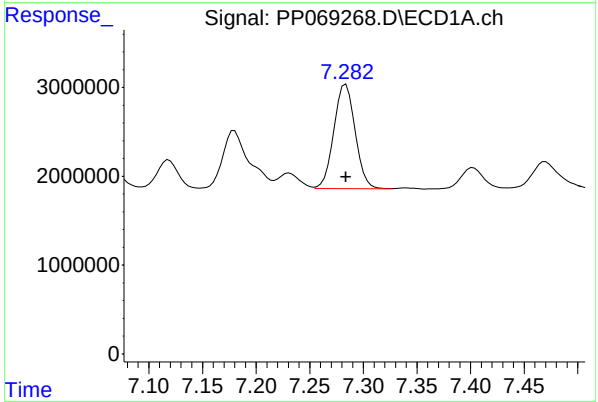
R.T.: 6.164 min
Delta R.T.: 0.000 min
Response: 9189623
Conc: 266.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



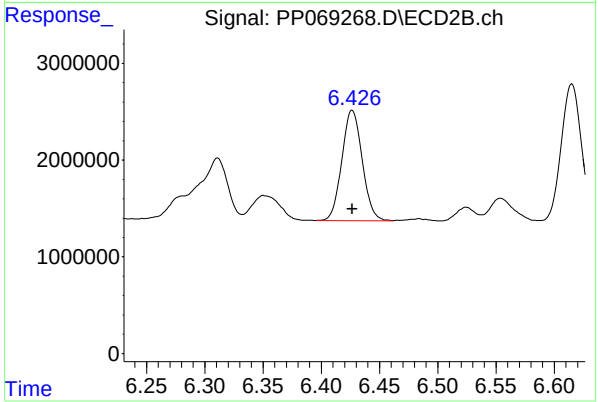
#7 AR-1016-5

R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 7810918
Conc: 283.69 ng/ml



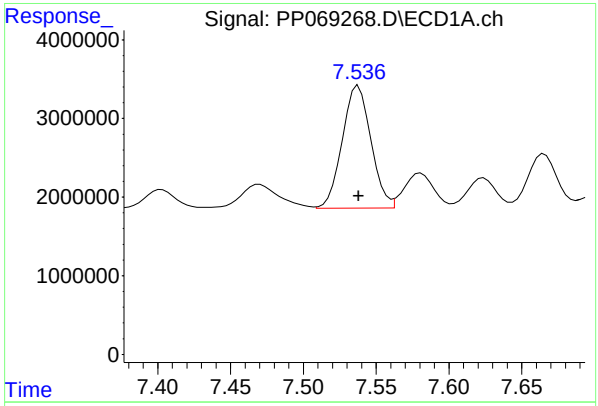
#31 AR-1260-1

R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 16281711
Conc: 270.64 ng/ml



#31 AR-1260-1

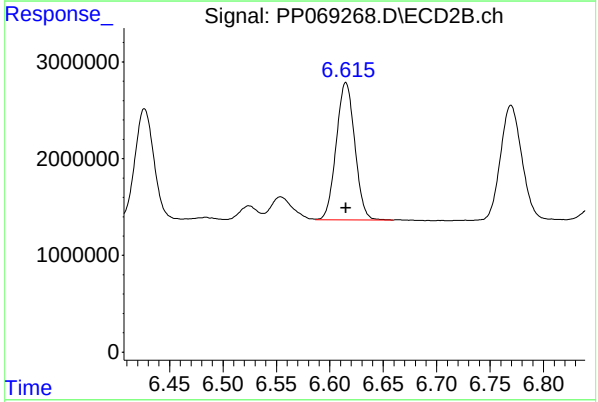
R.T.: 6.426 min
Delta R.T.: 0.000 min
Response: 13934776
Conc: 279.02 ng/ml



#32 AR-1260-2

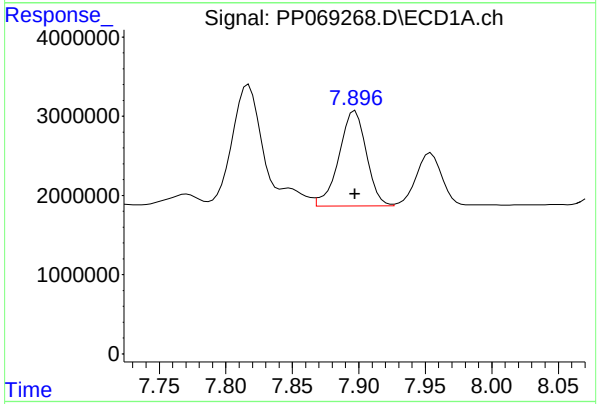
R.T.: 7.538 min
Delta R.T.: 0.000 min
Response: 21334462
Conc: 274.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



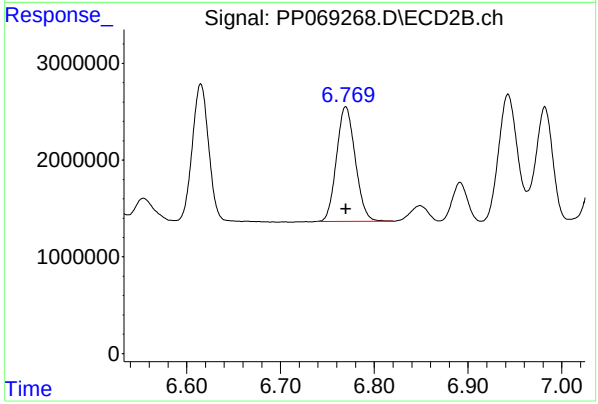
#32 AR-1260-2

R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 17223796
Conc: 277.49 ng/ml



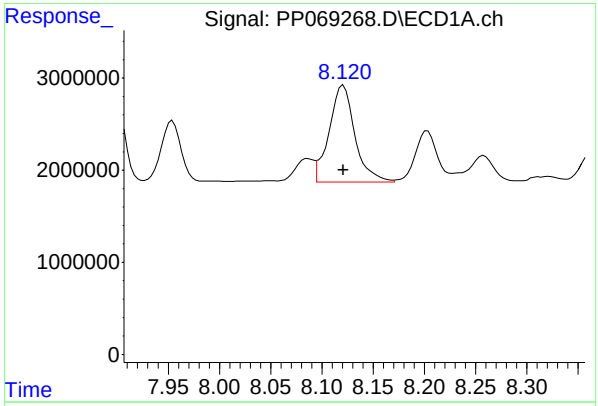
#33 AR-1260-3

R.T.: 7.897 min
Delta R.T.: 0.000 min
Response: 17319183
Conc: 271.25 ng/ml



#33 AR-1260-3

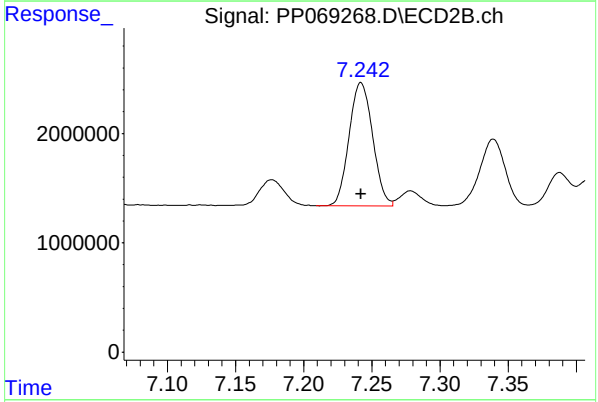
R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 16433686
Conc: 282.92 ng/ml



#34 AR-1260-4

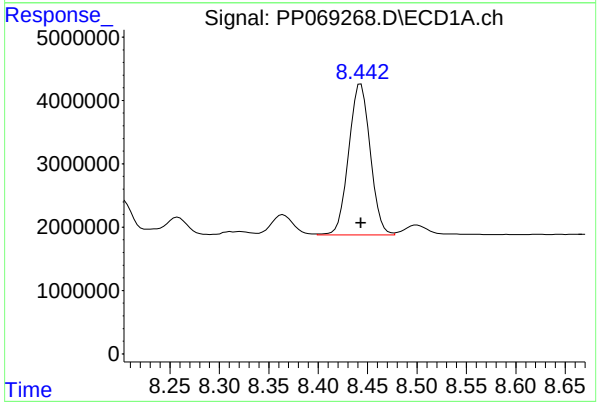
R.T.: 8.121 min
Delta R.T.: 0.000 min
Response: 18337608
Conc: 274.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



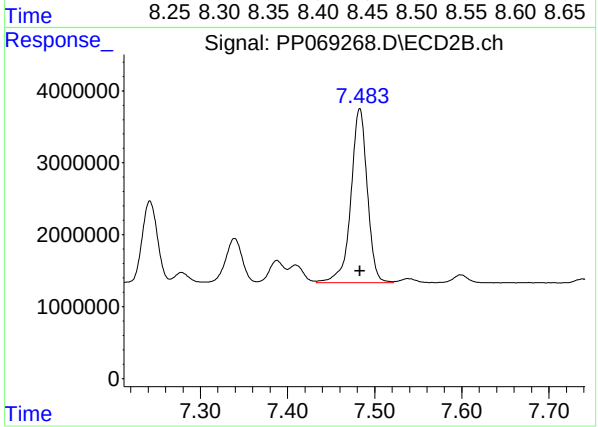
#34 AR-1260-4

R.T.: 7.242 min
Delta R.T.: 0.000 min
Response: 13582568
Conc: 277.98 ng/ml



#35 AR-1260-5

R.T.: 8.443 min
Delta R.T.: 0.000 min
Response: 36124405
Conc: 269.84 ng/ml



#35 AR-1260-5

R.T.: 7.483 min
Delta R.T.: 0.000 min
Response: 31649507
Conc: 271.77 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069269.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 11:15
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 11:26:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 11:25:56 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.537	3.840	5797759	3498051	4.050	3.919
2)	SA Decachlor...	10.277	8.911	4329284	5008609	3.961	4.478
	Target Compounds						
3)	L1 AR-1016-1	5.689	4.933	2077472	1322446	44.838	40.547
4)	L1 AR-1016-2	5.712	4.952	2844694	1791138	41.909	39.840
5)	L1 AR-1016-3	5.775	5.131	1932164	1008385	45.360	40.523
6)	L1 AR-1016-4	5.871	5.171	1564979	819718	44.713	40.588
7)	L1 AR-1016-5	6.165	5.388	1377377	1199380	41.665	44.713
31)	L7 AR-1260-1	7.286	6.427	2577078	2069154	44.101	42.902
32)	L7 AR-1260-2	7.540	6.614	3894980	2911857	50.056	47.499
33)	L7 AR-1260-3	7.899	6.770	2860067	3421860	45.747	56.883
34)	L7 AR-1260-4	8.123	7.242	3126001	1844576	47.380	39.696
35)	L7 AR-1260-5	8.445	7.483	5956423	4495023	45.495	40.443

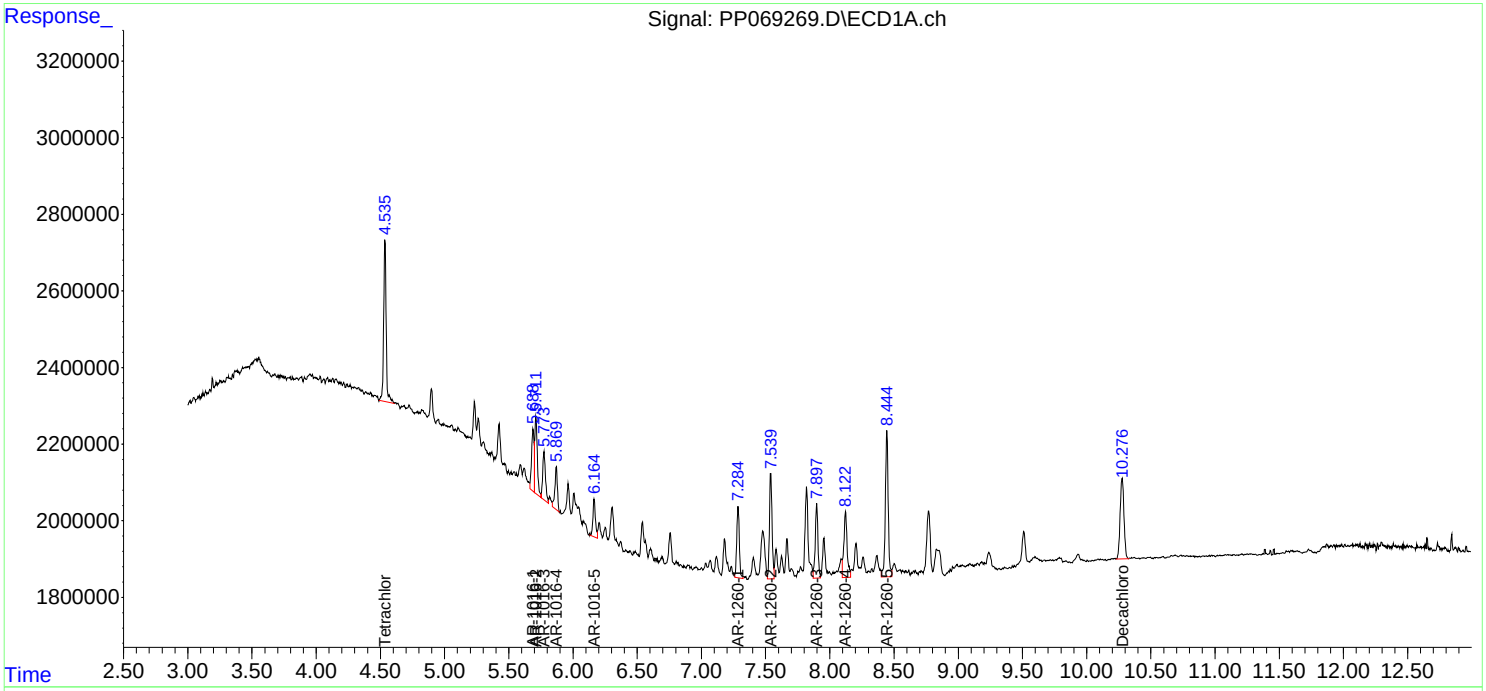
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

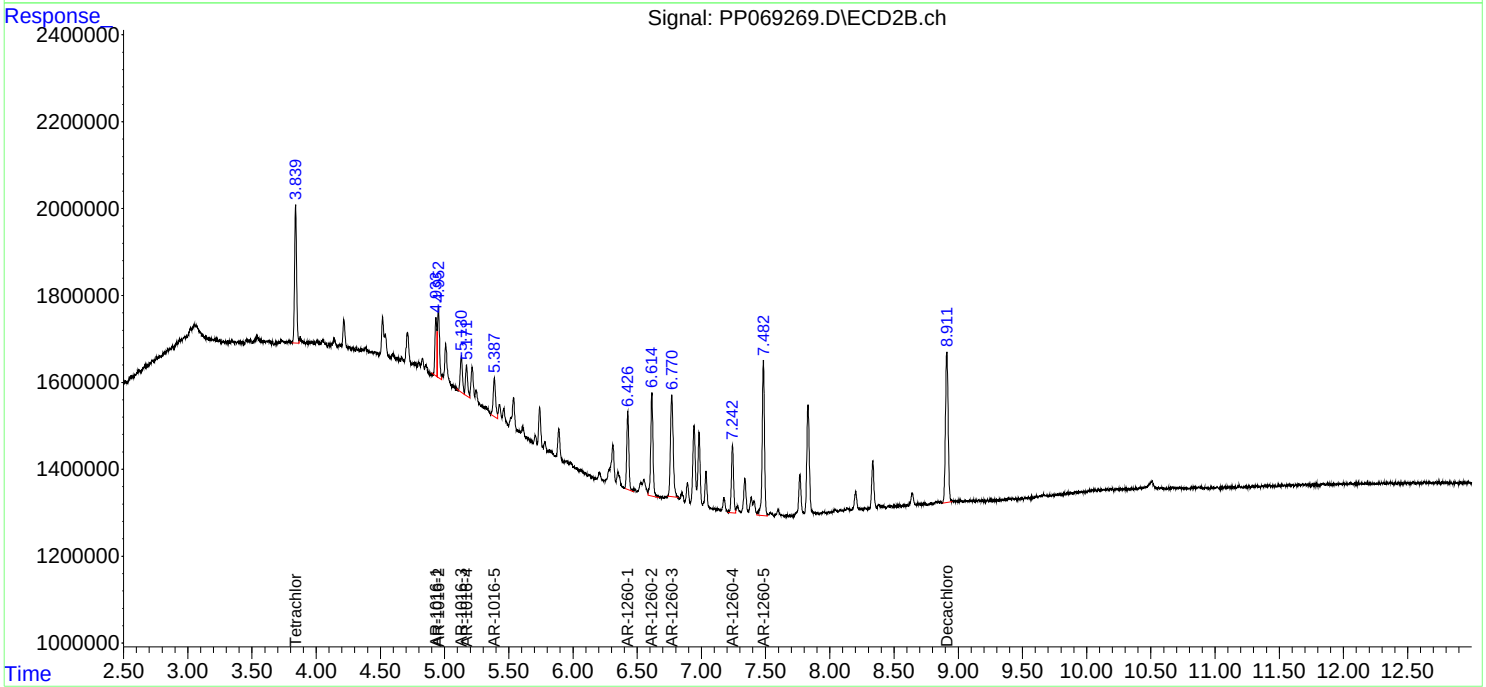
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069269.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 11:15
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

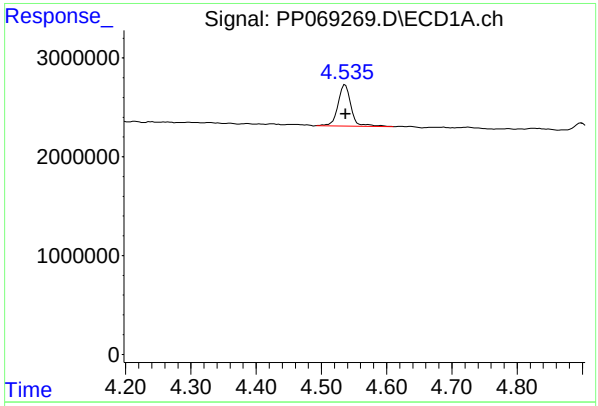
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 11:26:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 11:25:56 2025
Response via : Initial Calibration
Integrator: ChemStation

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



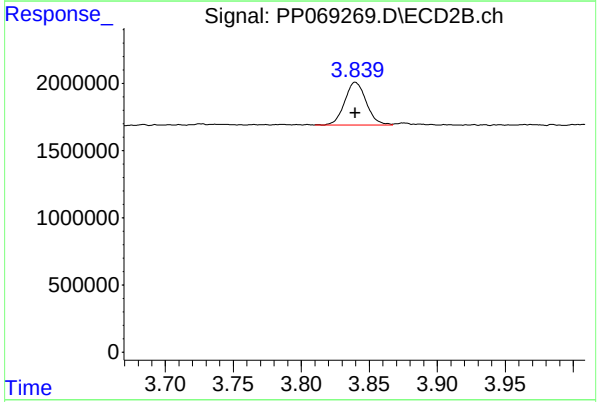




#1 Tetrachloro-m-xylene

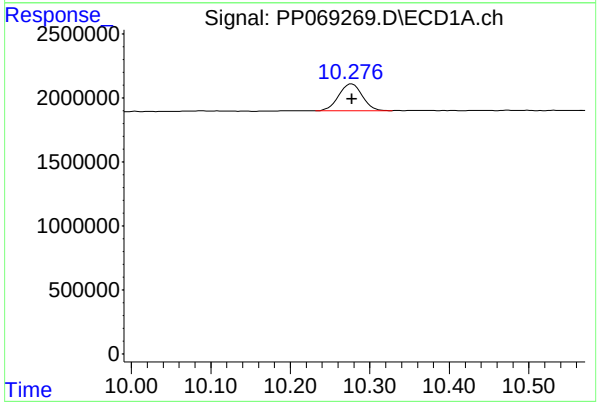
R.T.: 4.537 min
Delta R.T.: 0.000 min
Response: 5797759
Conc: 4.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



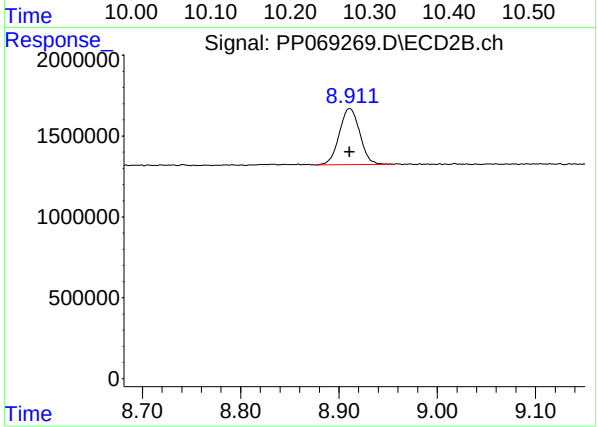
#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 3498051
Conc: 3.92 ng/ml



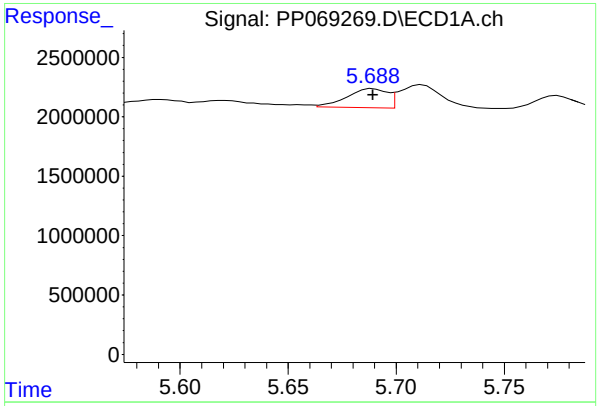
#2 Decachlorobiphenyl

R.T.: 10.277 min
Delta R.T.: 0.000 min
Response: 4329284
Conc: 3.96 ng/ml



#2 Decachlorobiphenyl

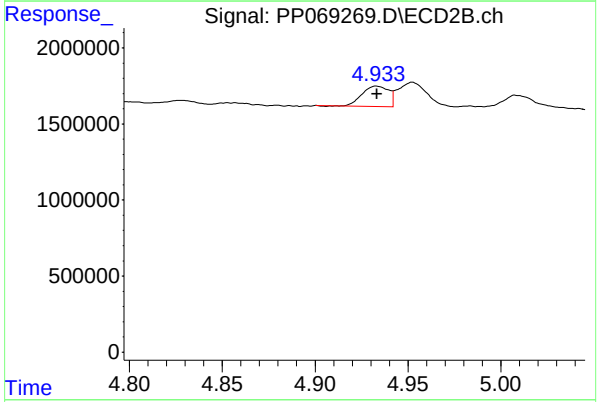
R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 5008609
Conc: 4.48 ng/ml



#3 AR-1016-1

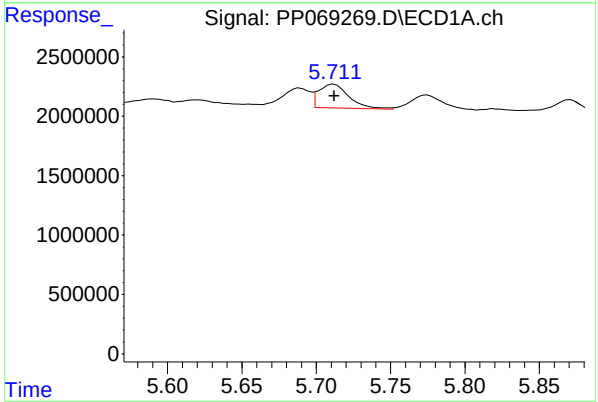
R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 2077472
Conc: 44.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



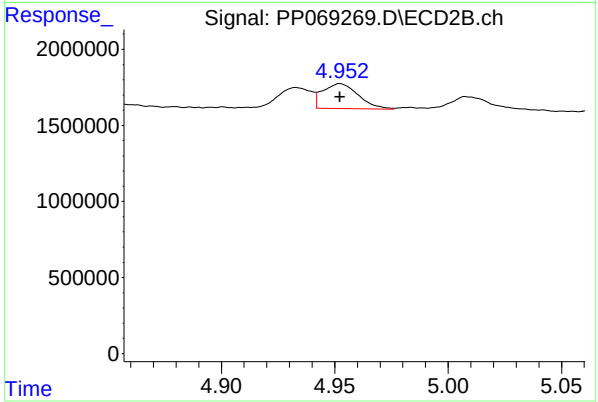
#3 AR-1016-1

R.T.: 4.933 min
Delta R.T.: 0.000 min
Response: 1322446
Conc: 40.55 ng/ml



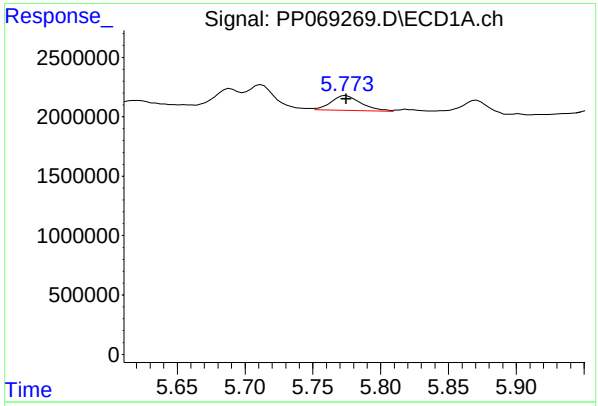
#4 AR-1016-2

R.T.: 5.712 min
Delta R.T.: 0.000 min
Response: 2844694
Conc: 41.91 ng/ml



#4 AR-1016-2

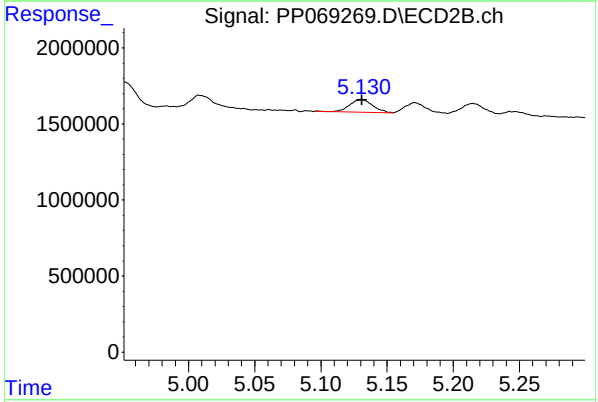
R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 1791138
Conc: 39.84 ng/ml



#5 AR-1016-3

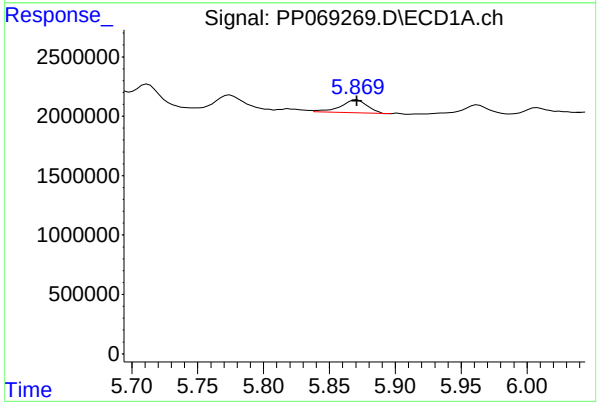
R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 1932164
Conc: 45.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



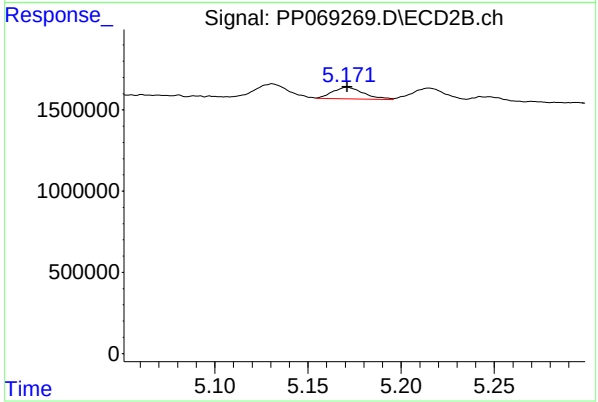
#5 AR-1016-3

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 1008385
Conc: 40.52 ng/ml



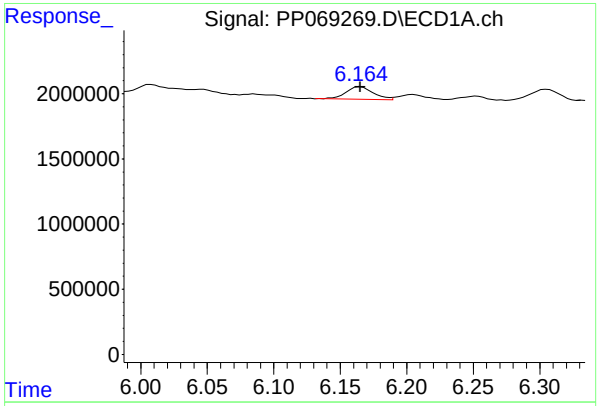
#6 AR-1016-4

R.T.: 5.871 min
Delta R.T.: 0.000 min
Response: 1564979
Conc: 44.71 ng/ml



#6 AR-1016-4

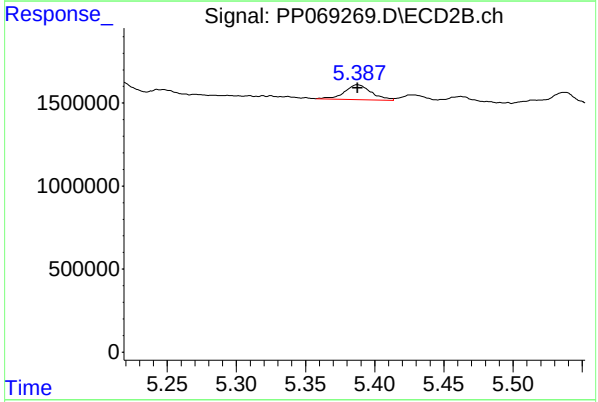
R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 819718
Conc: 40.59 ng/ml



#7 AR-1016-5

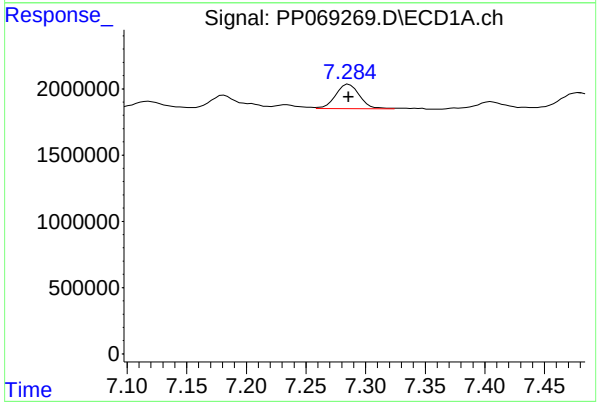
R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 1377377
Conc: 41.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



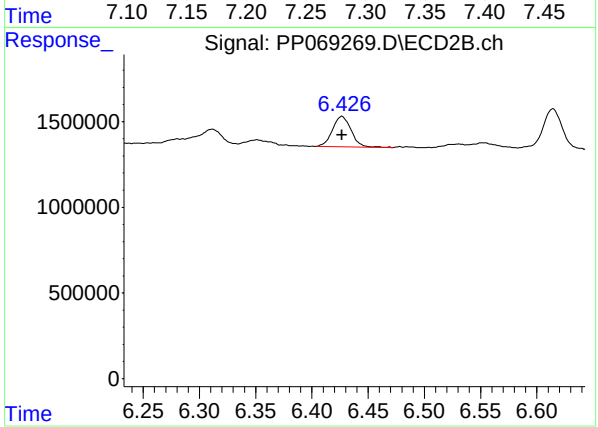
#7 AR-1016-5

R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 1199380
Conc: 44.71 ng/ml



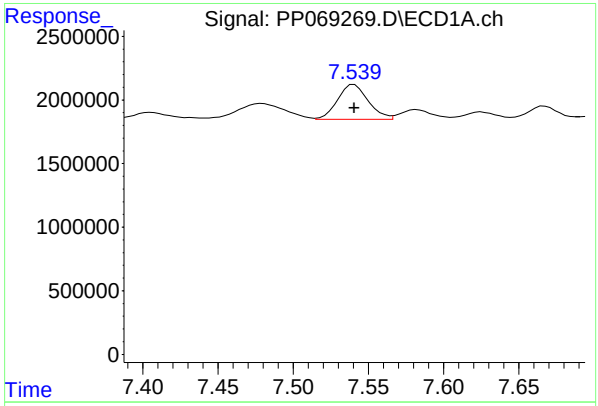
#31 AR-1260-1

R.T.: 7.286 min
Delta R.T.: 0.000 min
Response: 2577078
Conc: 44.10 ng/ml



#31 AR-1260-1

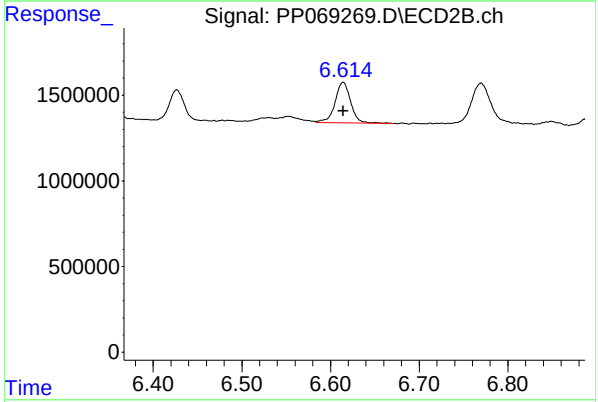
R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 2069154
Conc: 42.90 ng/ml



#32 AR-1260-2

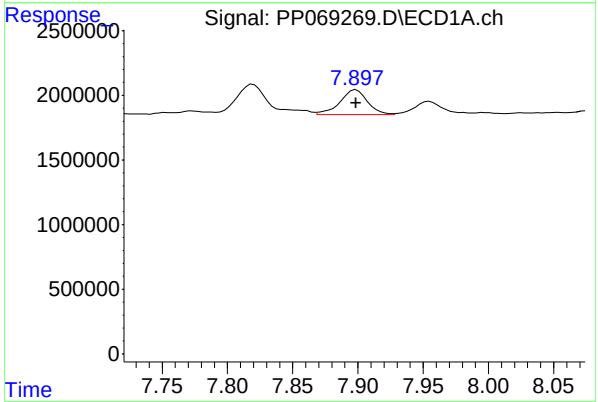
R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 3894980
Conc: 50.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



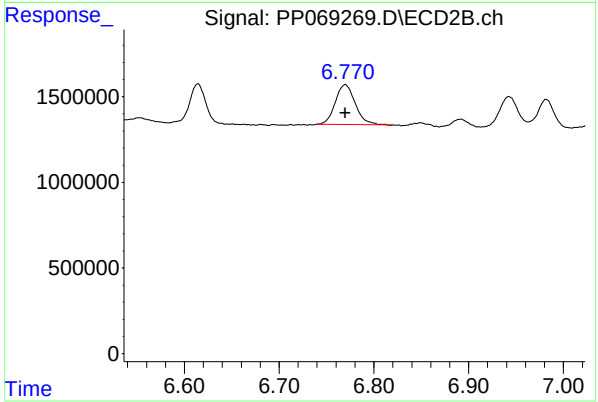
#32 AR-1260-2

R.T.: 6.614 min
Delta R.T.: 0.000 min
Response: 2911857
Conc: 47.50 ng/ml



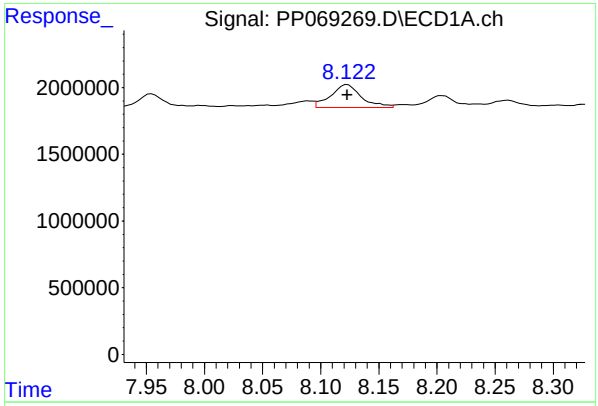
#33 AR-1260-3

R.T.: 7.899 min
Delta R.T.: 0.000 min
Response: 2860067
Conc: 45.75 ng/ml



#33 AR-1260-3

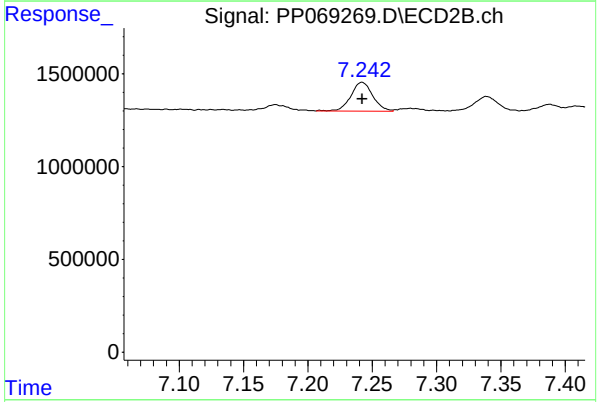
R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 3421860
Conc: 56.88 ng/ml



#34 AR-1260-4

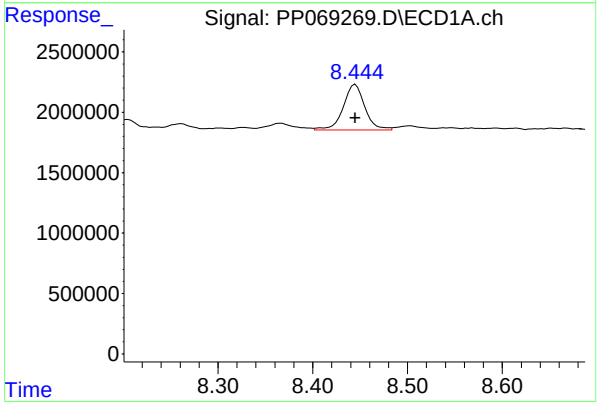
R.T.: 8.123 min
Delta R.T.: 0.000 min
Response: 3126001
Conc: 47.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



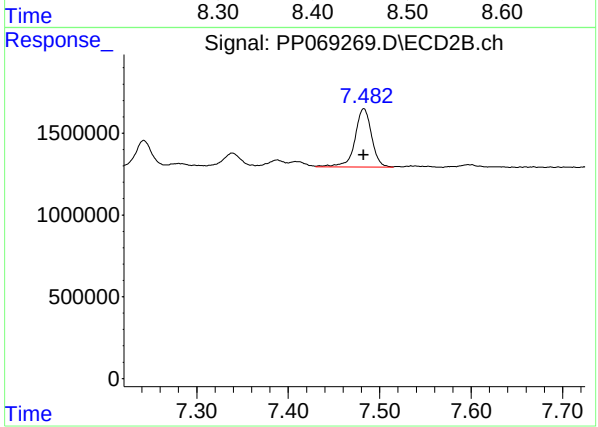
#34 AR-1260-4

R.T.: 7.242 min
Delta R.T.: 0.000 min
Response: 1844576
Conc: 39.70 ng/ml



#35 AR-1260-5

R.T.: 8.445 min
Delta R.T.: 0.000 min
Response: 5956423
Conc: 45.49 ng/ml



#35 AR-1260-5

R.T.: 7.483 min
Delta R.T.: 0.000 min
Response: 4495023
Conc: 40.44 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069270.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 11:32
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: Jan 28 12:19:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 12:18:31 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...	4.536	3.841	77593750	47197929	50.000	50.000
2)	SA Decachlor...	10.277	8.912	57060610	57628532	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	4.737	4.054	9509743	6159012	500.000	500.000
9)	L2 AR-1221-2	4.823	4.140	6846250	4841688	500.000	500.000
10)	L2 AR-1221-3	4.899	4.218	20971708	14587072	500.000	500.000

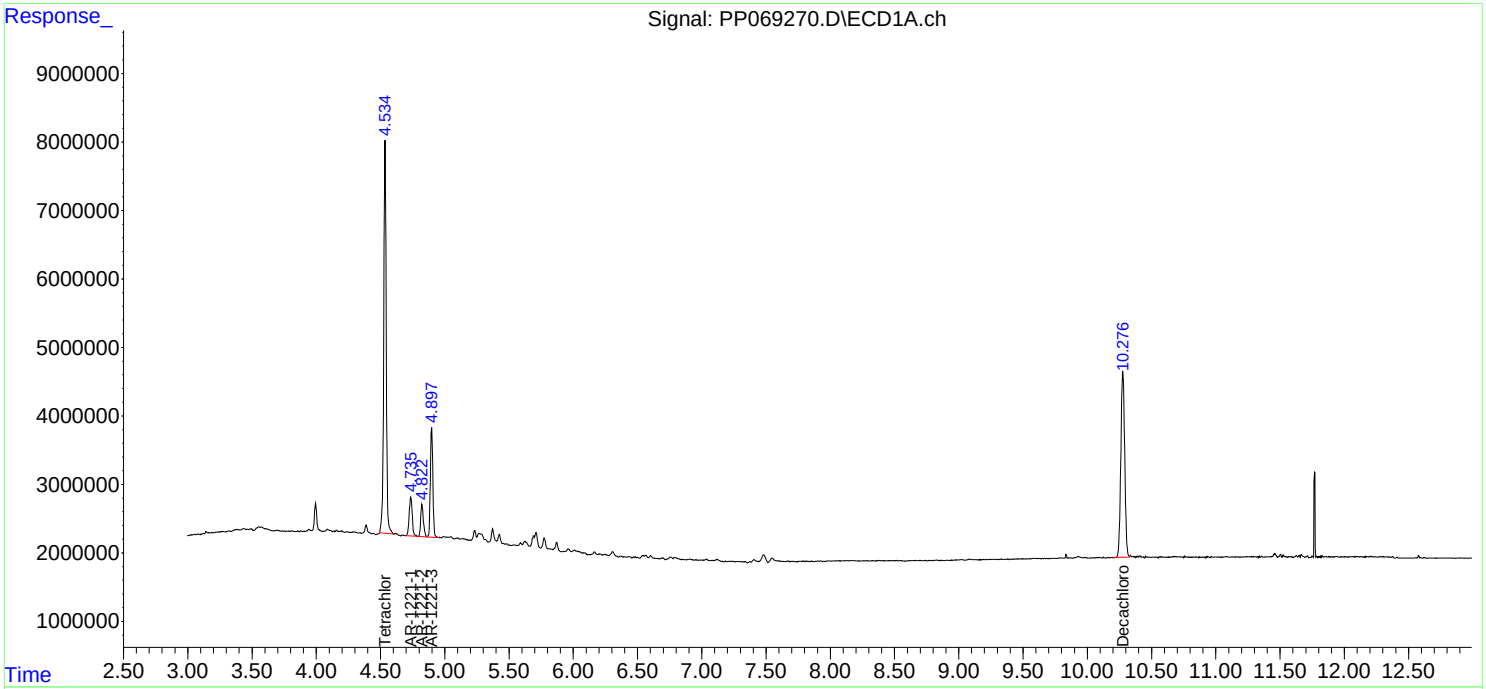
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

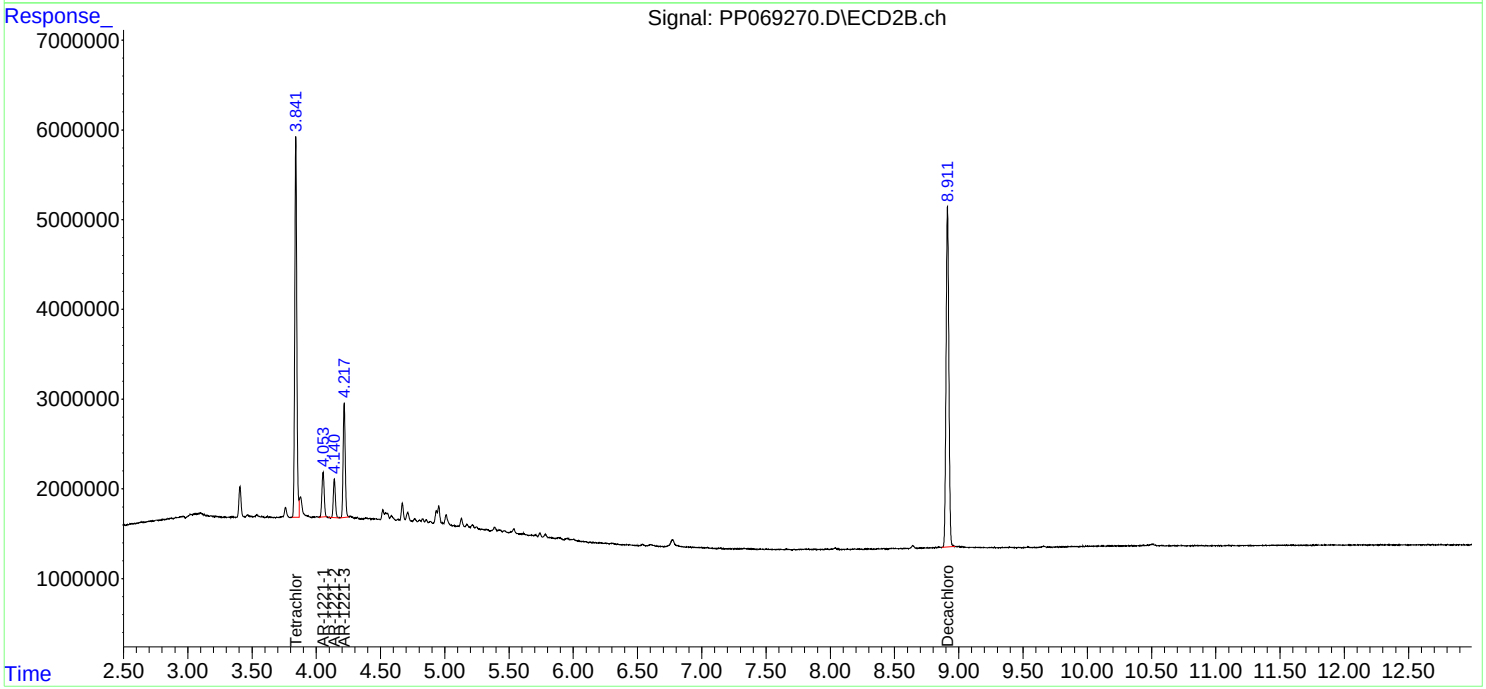
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069270.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 11:32
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

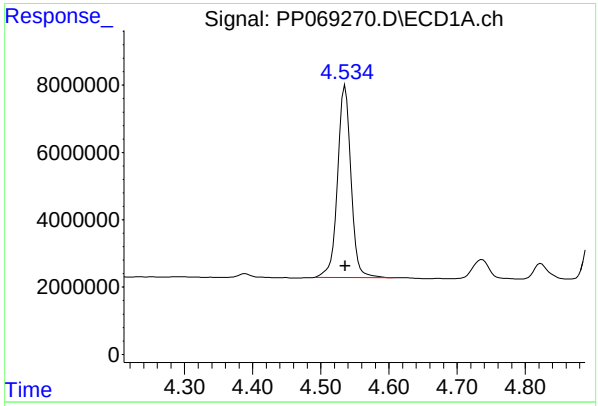
Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 12:19:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 12:18:31 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



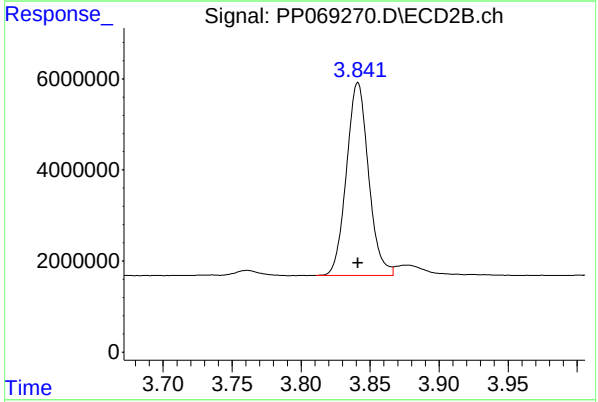




#1 Tetrachloro-m-xylene

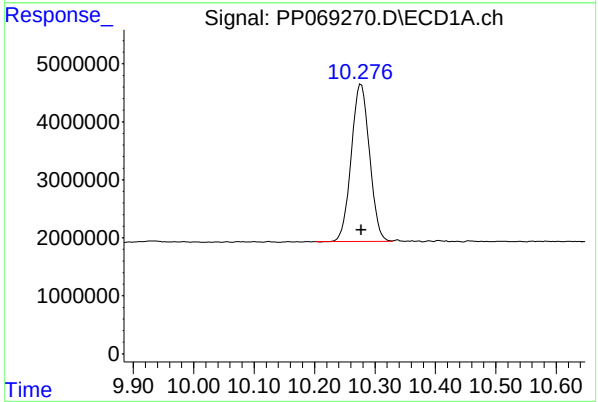
R.T.: 4.536 min
Delta R.T.: 0.000 min
Response: 77593750
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



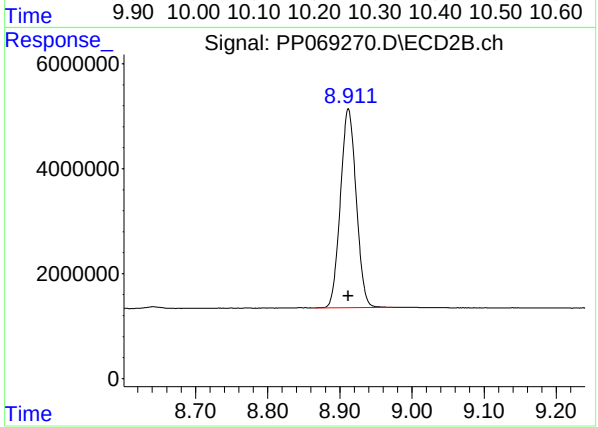
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 47197929
Conc: 50.00 ng/ml



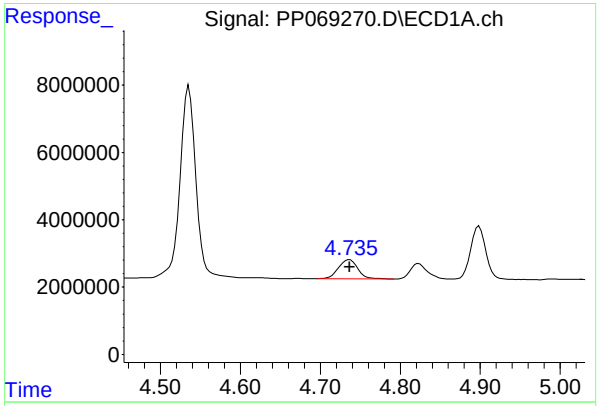
#2 Decachlorobiphenyl

R.T.: 10.277 min
Delta R.T.: 0.000 min
Response: 57060610
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

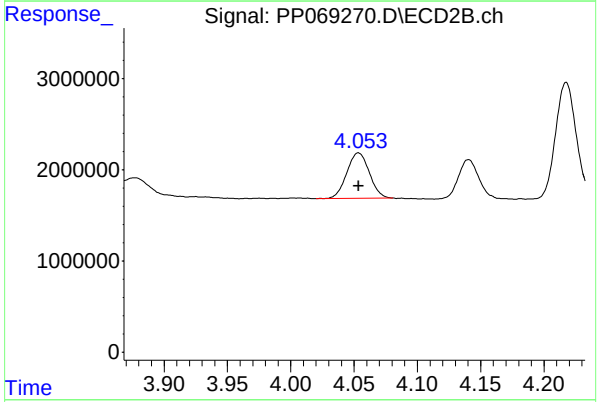
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 57628532
Conc: 50.00 ng/ml



#8 AR-1221-1

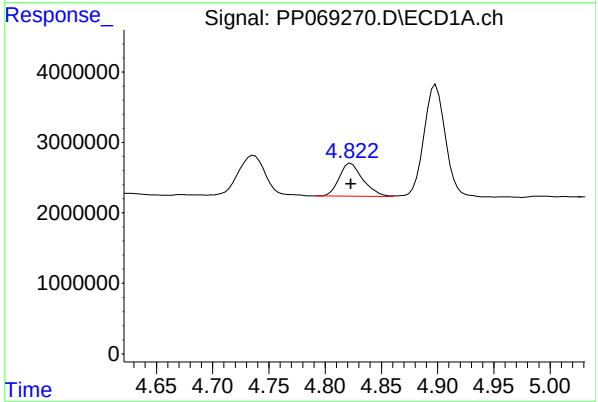
R.T.: 4.737 min
Delta R.T.: 0.000 min
Response: 9509743
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



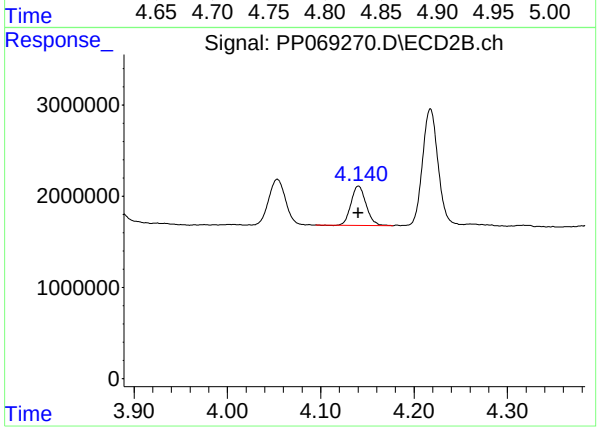
#8 AR-1221-1

R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 6159012
Conc: 500.00 ng/ml



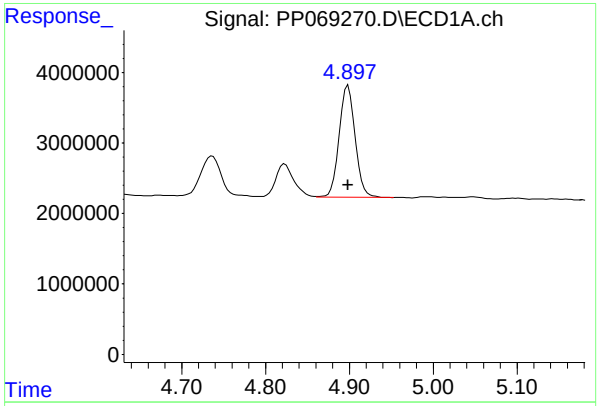
#9 AR-1221-2

R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 6846250
Conc: 500.00 ng/ml



#9 AR-1221-2

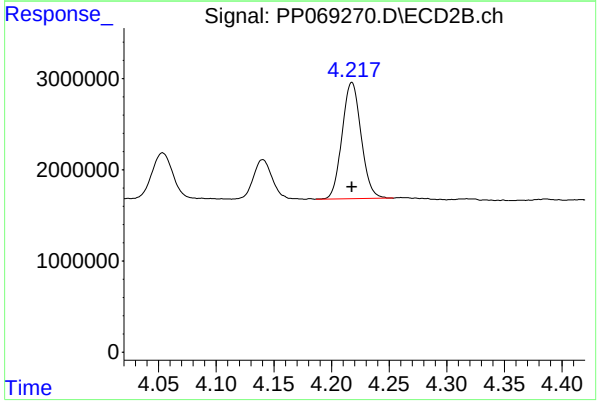
R.T.: 4.140 min
Delta R.T.: 0.000 min
Response: 4841688
Conc: 500.00 ng/ml



#10 AR-1221-3

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 20971708
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



#10 AR-1221-3

R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 14587072
Conc: 500.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069271.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 11:48
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 12:29:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 12:28:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.534	3.840	75836116	46716501	50.000	50.000
2)	SA Decachlor...	10.275	8.909	56382246	56029362	50.000	50.000
	Target Compounds						
11)	L3 AR-1232-1	4.897	4.215	16646809	11739749	500.000	500.000
12)	L3 AR-1232-2	5.424	4.952	8171005	11785884	500.000	500.000
13)	L3 AR-1232-3	5.710	5.129	17179485	6473622	500.000	500.000
14)	L3 AR-1232-4	5.870	5.214	8908099	5543155	500.000	500.000
15)	L3 AR-1232-5	5.960	5.387	5731209	6105160	500.000	500.000

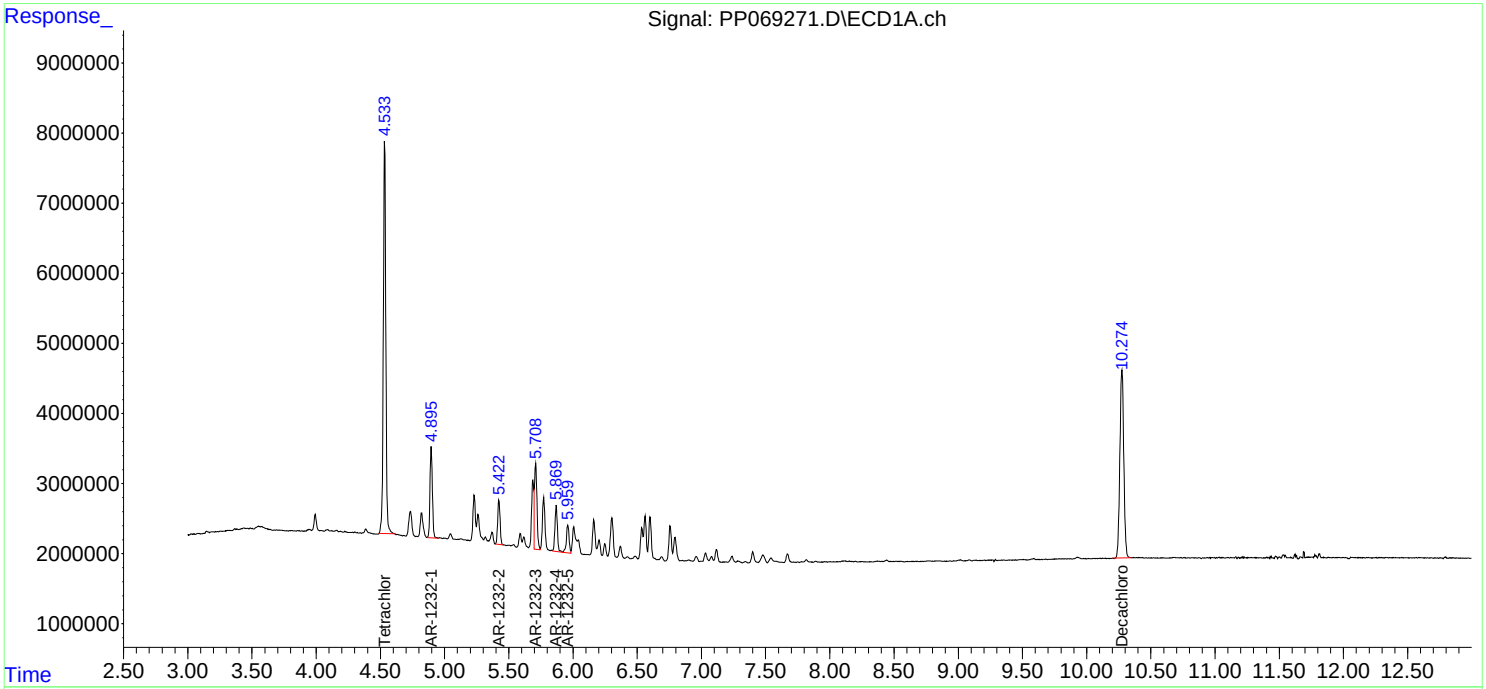
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

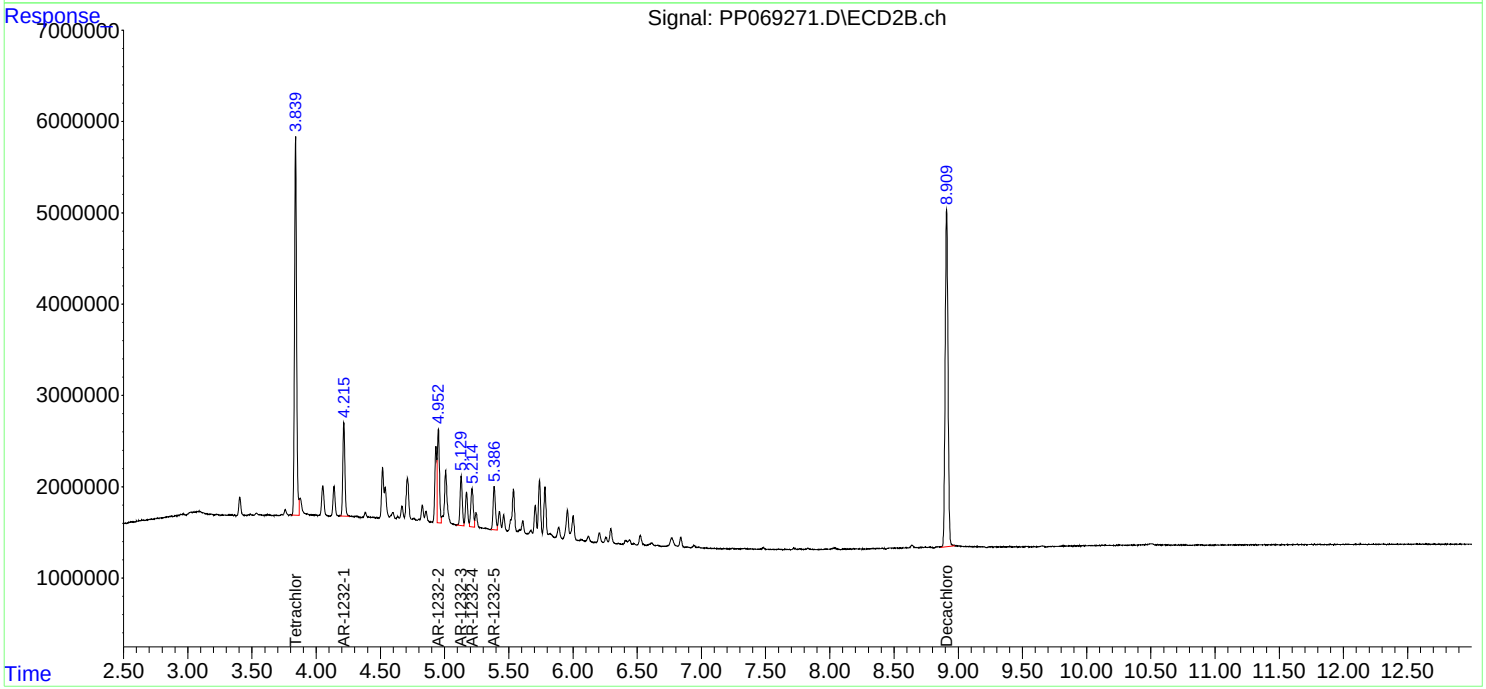
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069271.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 11:48
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

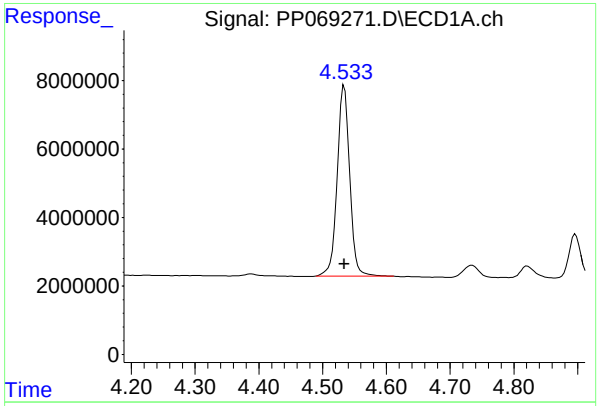
Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 12:29:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 12:28:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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



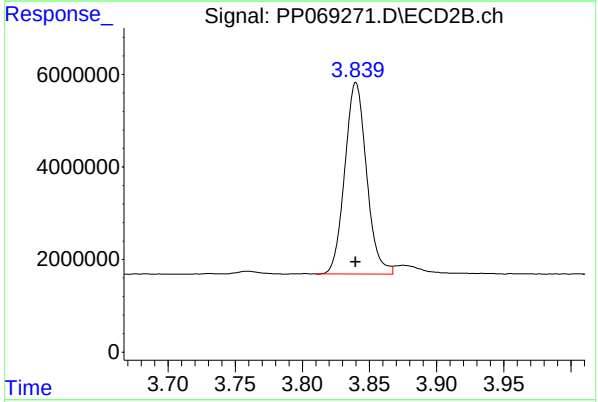




#1 Tetrachloro-m-xylene

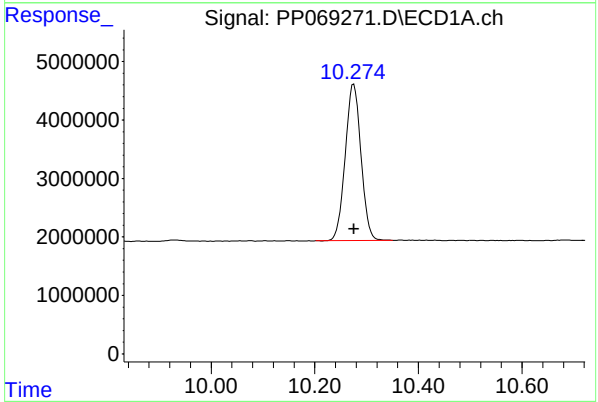
R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 75836116
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



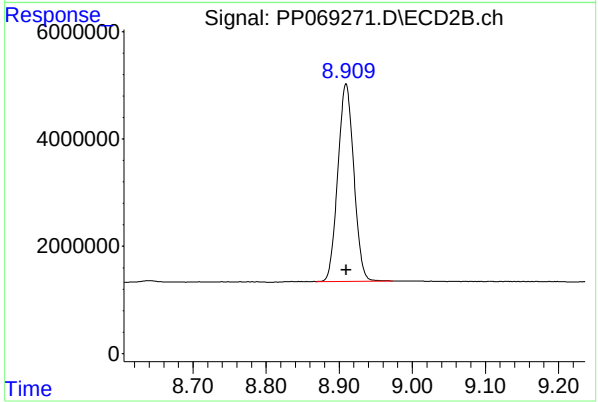
#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 46716501
Conc: 50.00 ng/ml



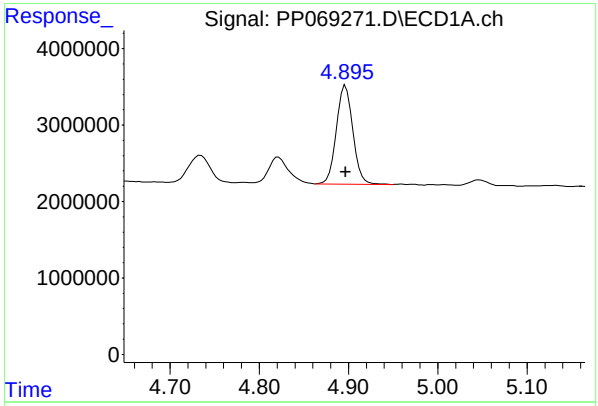
#2 Decachlorobiphenyl

R.T.: 10.275 min
Delta R.T.: 0.000 min
Response: 56382246
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

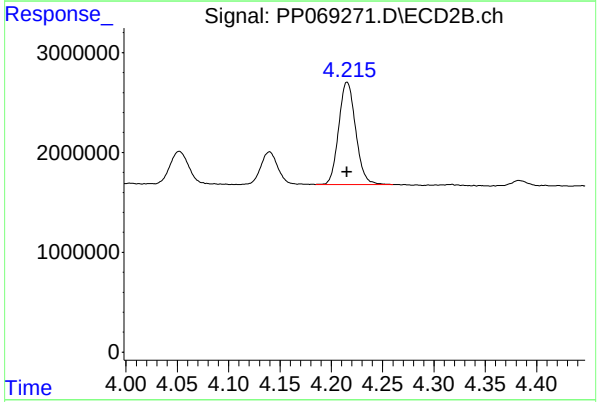
R.T.: 8.909 min
Delta R.T.: 0.000 min
Response: 56029362
Conc: 50.00 ng/ml



#11 AR-1232-1

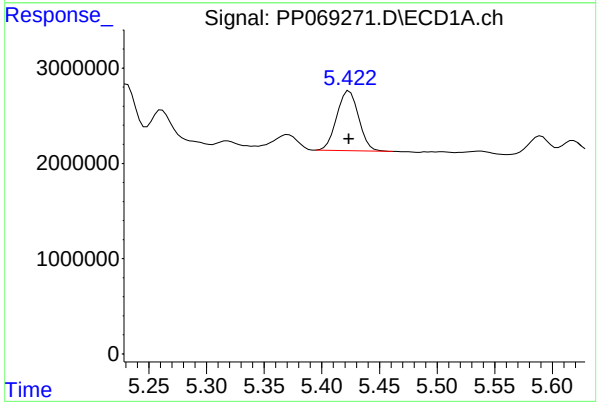
R.T.: 4.897 min
Delta R.T.: 0.000 min
Response: 16646809
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



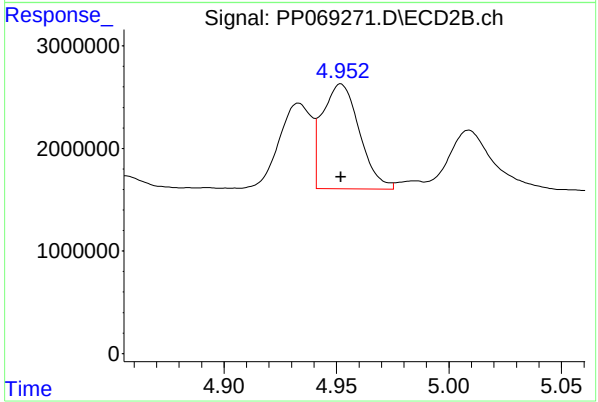
#11 AR-1232-1

R.T.: 4.215 min
Delta R.T.: 0.000 min
Response: 11739749
Conc: 500.00 ng/ml



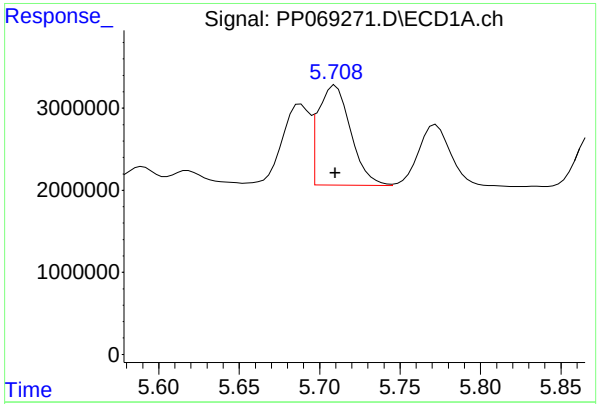
#12 AR-1232-2

R.T.: 5.424 min
Delta R.T.: 0.000 min
Response: 8171005
Conc: 500.00 ng/ml



#12 AR-1232-2

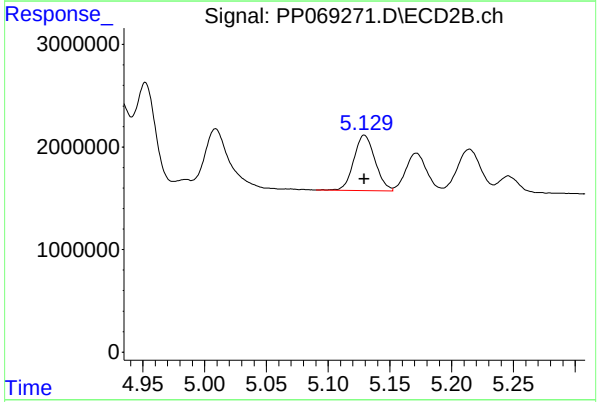
R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 11785884
Conc: 500.00 ng/ml



#13 AR-1232-3

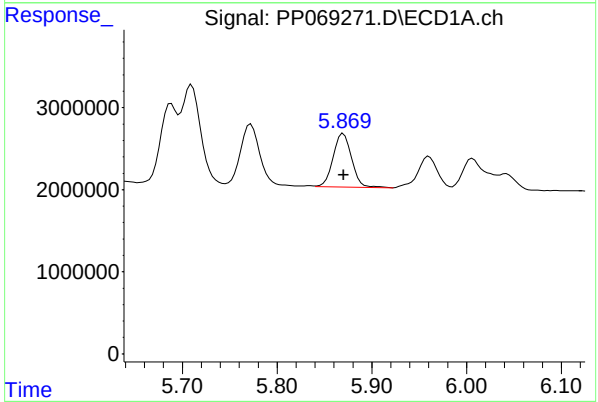
R.T.: 5.710 min
Delta R.T.: 0.000 min
Response: 17179485
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



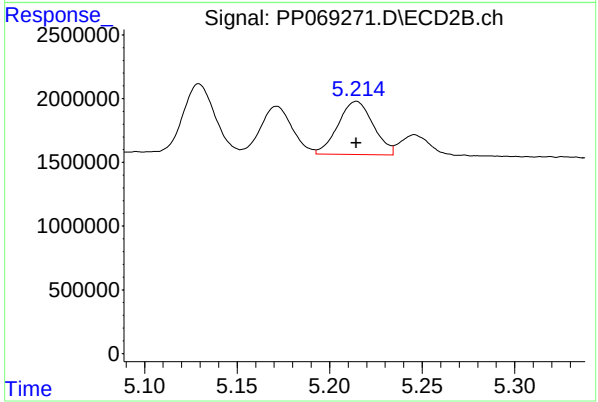
#13 AR-1232-3

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 6473622
Conc: 500.00 ng/ml



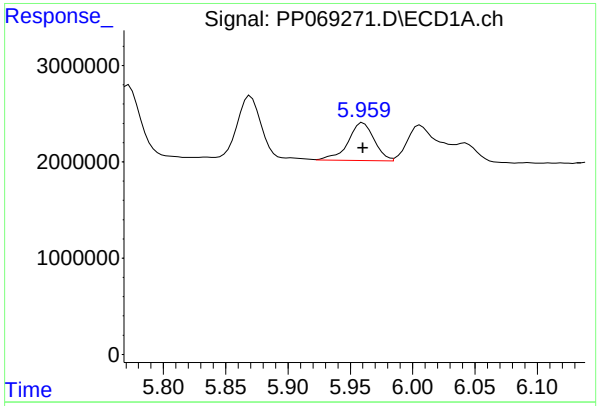
#14 AR-1232-4

R.T.: 5.870 min
Delta R.T.: 0.000 min
Response: 8908099
Conc: 500.00 ng/ml



#14 AR-1232-4

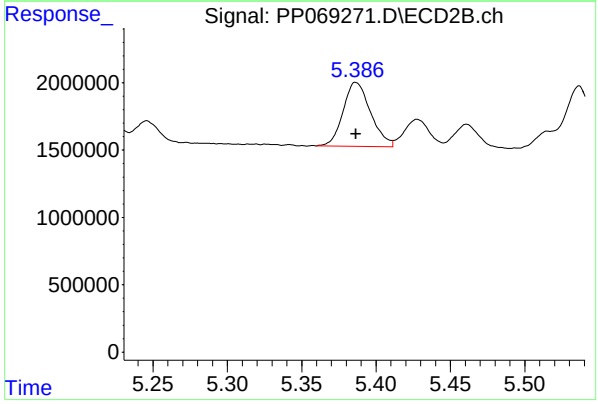
R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 5543155
Conc: 500.00 ng/ml



#15 AR-1232-5

R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 5731209
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



#15 AR-1232-5

R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 6105160
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069272.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 12:04
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 13:22:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 13:16:55 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.538	3.840	143.5E6	94800860	96.567	97.029
2)	SA Decachlor...	10.279	8.910	104.6E6	107.1E6	95.779	93.248
	Target Compounds						
16)	L4 AR-1242-1	5.692	4.933	38881934	28457446	945.469	971.653
17)	L4 AR-1242-2	5.714	4.952	57026747	39820013	957.279	976.164
18)	L4 AR-1242-3	5.776	5.130	35212135	22243475	948.765	965.856
19)	L4 AR-1242-4	5.874	5.214	29733477	21211563	952.104	956.949
20)	L4 AR-1242-5	6.605	5.741	31146343	28383043	949.086	965.642

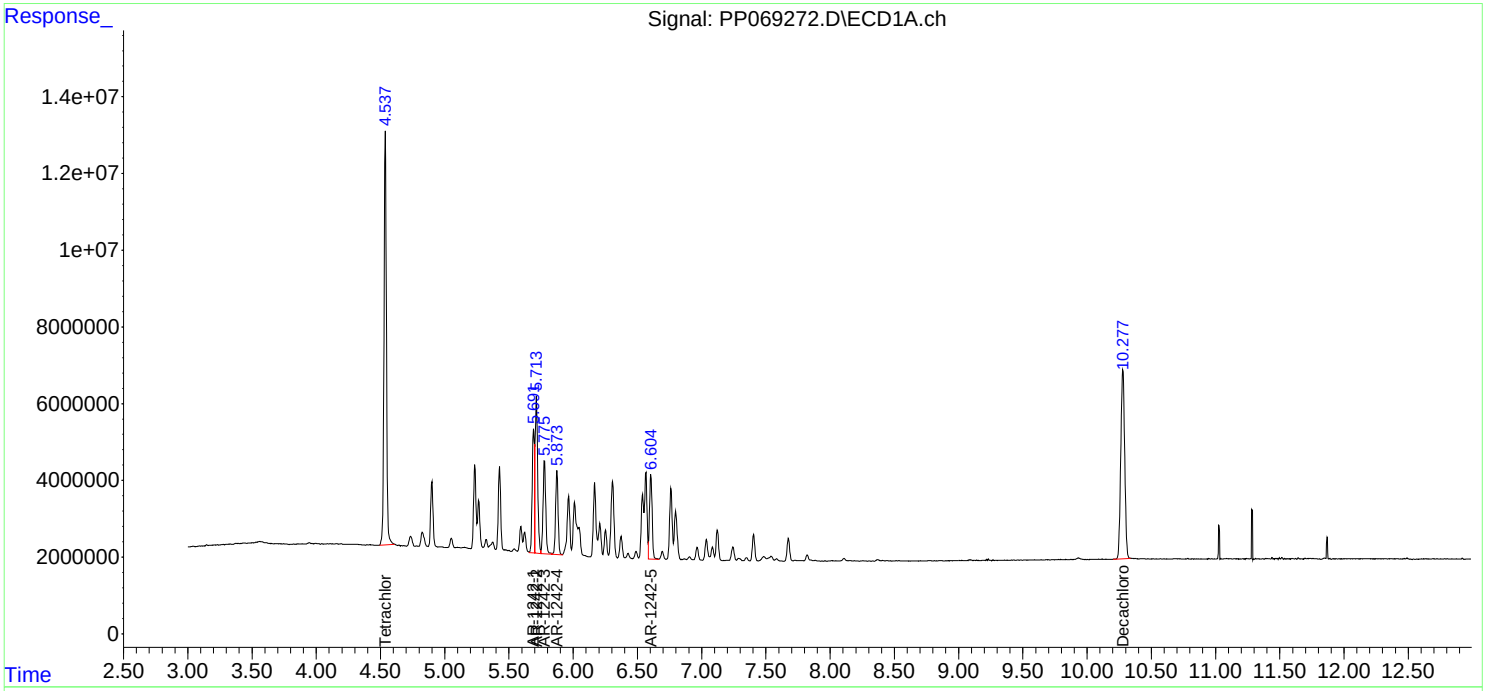
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

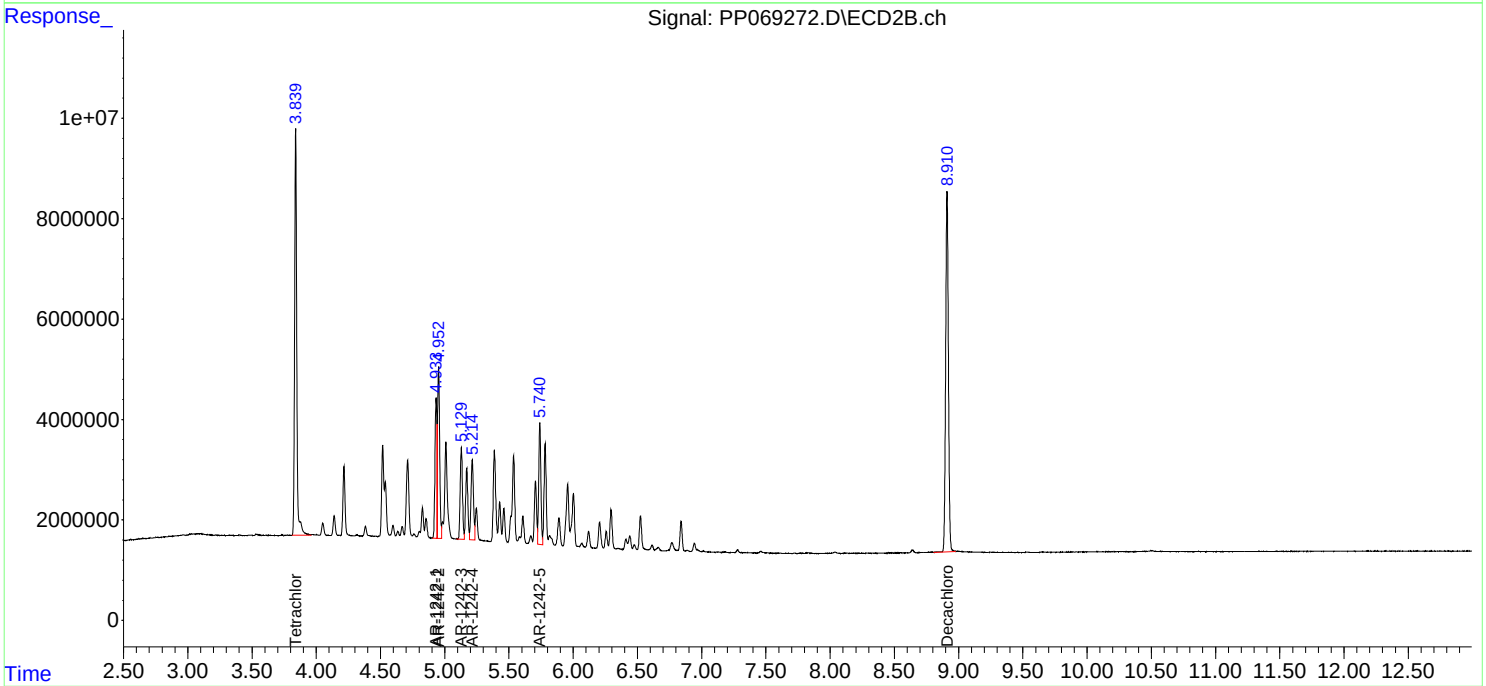
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069272.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 12:04
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

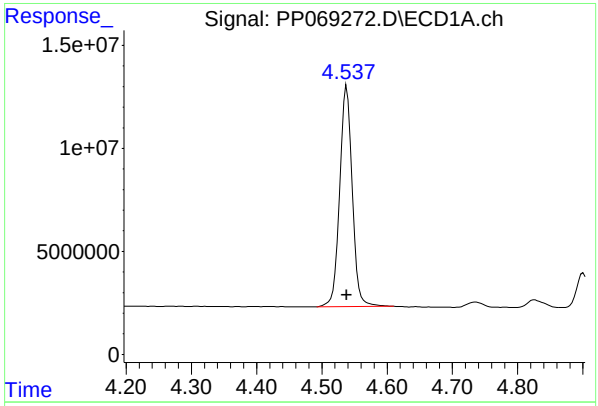
Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 13:22:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 13:16:55 2025
Response via : Initial Calibration
Integrator: ChemStation

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



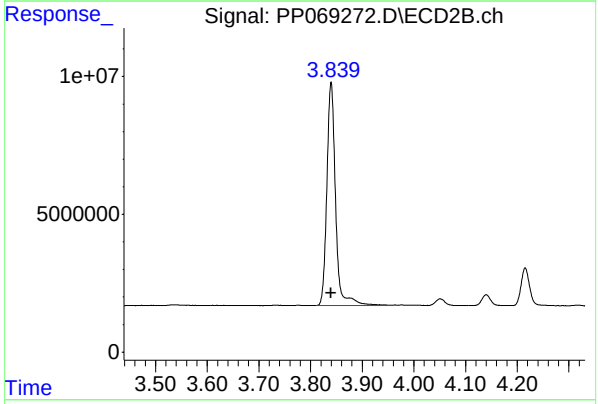




#1 Tetrachloro-m-xylene

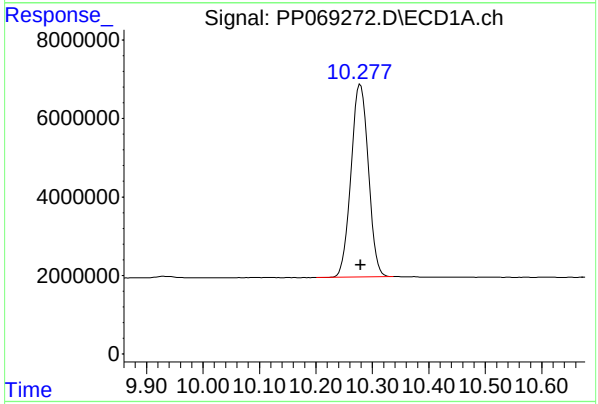
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 143525492
Conc: 96.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



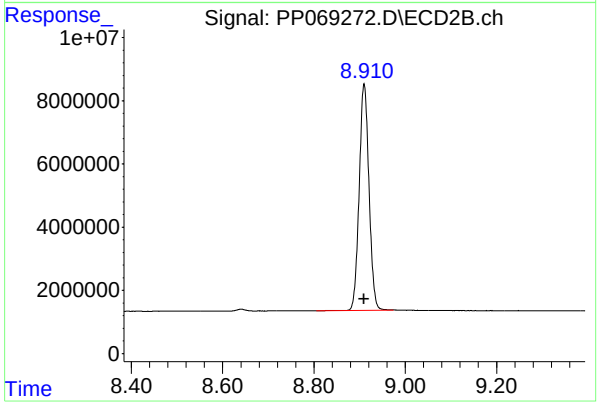
#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 94800860
Conc: 97.03 ng/ml



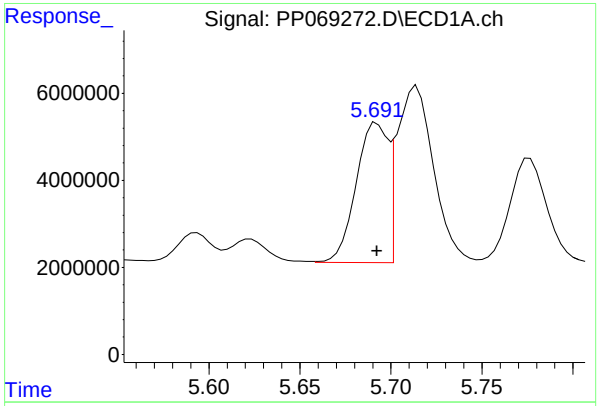
#2 Decachlorobiphenyl

R.T.: 10.279 min
Delta R.T.: 0.000 min
Response: 104619987
Conc: 95.78 ng/ml



#2 Decachlorobiphenyl

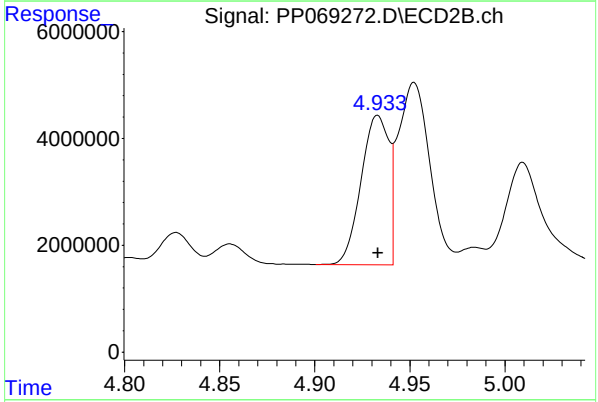
R.T.: 8.910 min
Delta R.T.: 0.000 min
Response: 107057294
Conc: 93.25 ng/ml



#16 AR-1242-1

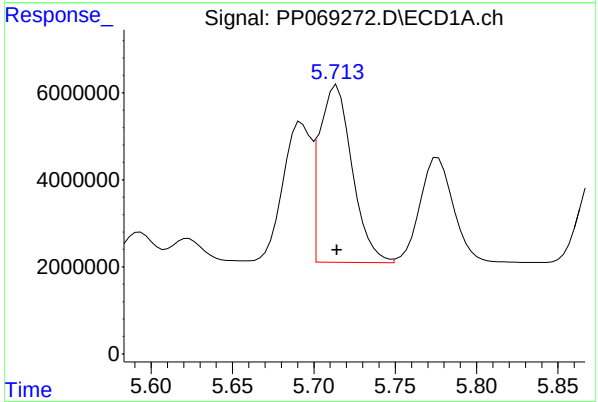
R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 38881934
Conc: 945.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



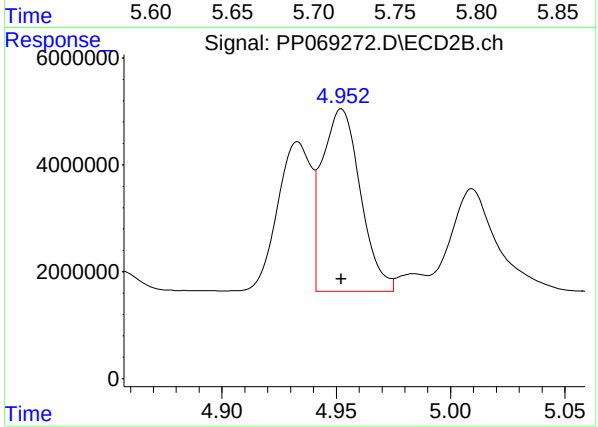
#16 AR-1242-1

R.T.: 4.933 min
Delta R.T.: 0.000 min
Response: 28457446
Conc: 971.65 ng/ml



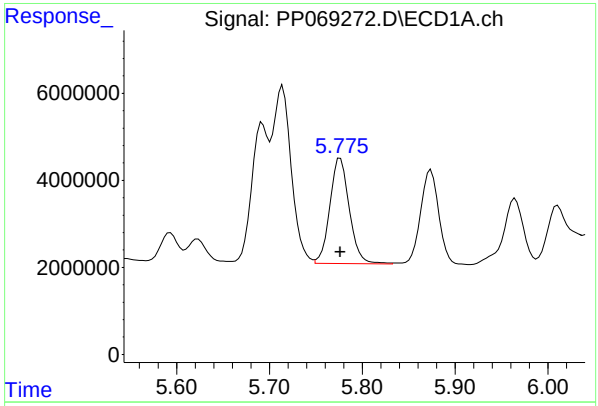
#17 AR-1242-2

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 57026747
Conc: 957.28 ng/ml



#17 AR-1242-2

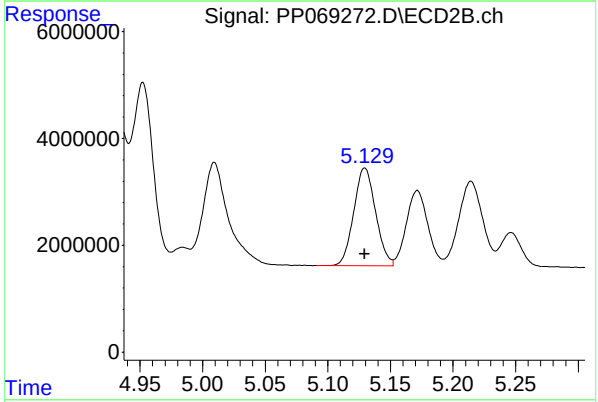
R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 39820013
Conc: 976.16 ng/ml



#18 AR-1242-3

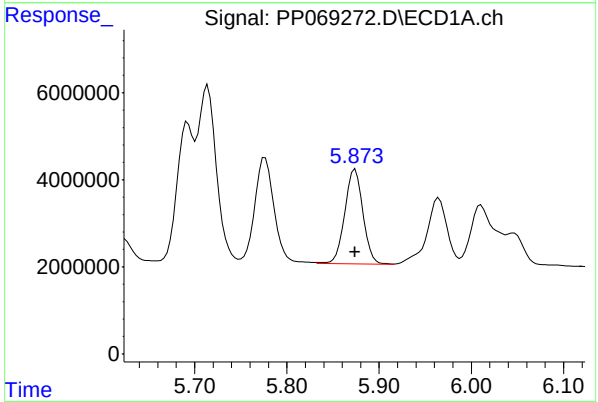
R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 35212135
Conc: 948.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



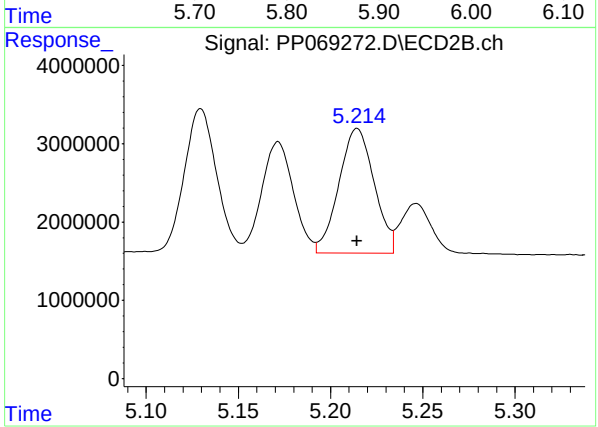
#18 AR-1242-3

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 22243475
Conc: 965.86 ng/ml



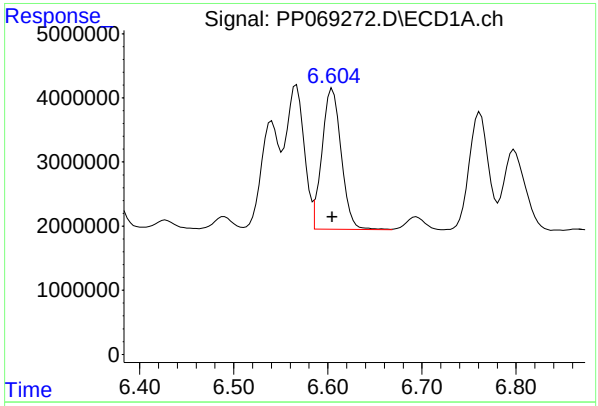
#19 AR-1242-4

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 29733477
Conc: 952.10 ng/ml



#19 AR-1242-4

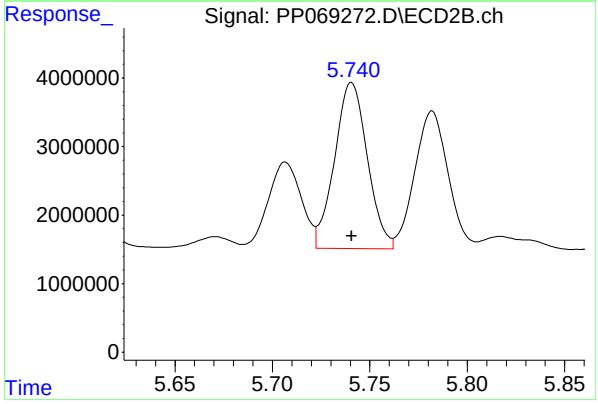
R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 21211563
Conc: 956.95 ng/ml



#20 AR-1242-5

R.T.: 6.605 min
Delta R.T.: 0.000 min
Response: 31146343
Conc: 949.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



#20 AR-1242-5

R.T.: 5.741 min
Delta R.T.: 0.000 min
Response: 28383043
Conc: 965.64 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069273.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 12:21
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 13:25:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 13:16:55 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.537	3.841	109.4E6	69163237	74.055	71.331
2)	SA Decachlor...	10.278	8.912	81129584	78177684	74.514	70.250
	Target Compounds						
16)	L4 AR-1242-1	5.691	4.934	30137750	21839944	738.473	747.131
17)	L4 AR-1242-2	5.713	4.953	43422173	29956153	735.804	739.499
18)	L4 AR-1242-3	5.776	5.131	26901679	16691146	733.041	732.984
19)	L4 AR-1242-4	5.873	5.215	22891135	16031239	738.583	731.946
20)	L4 AR-1242-5	6.604	5.741	24145693	21175650	740.449	730.027

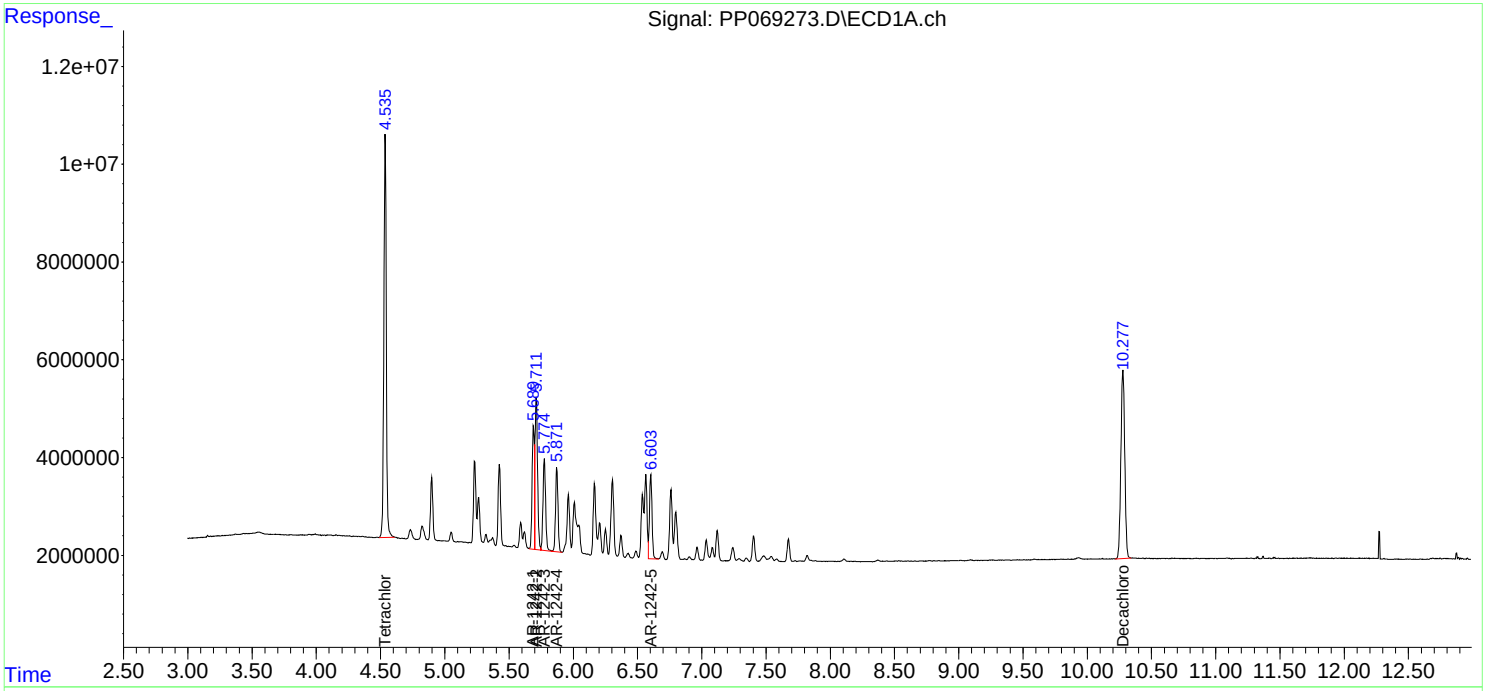
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

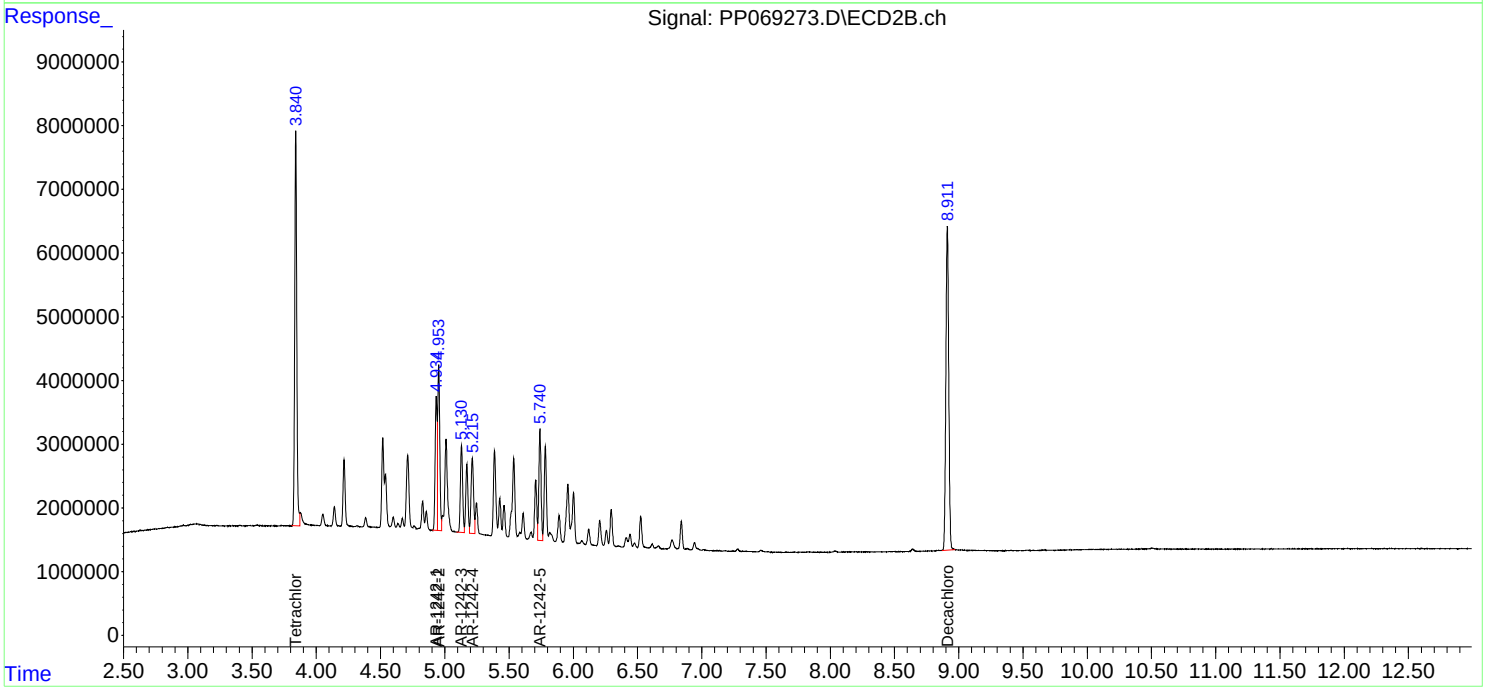
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069273.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 12:21
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

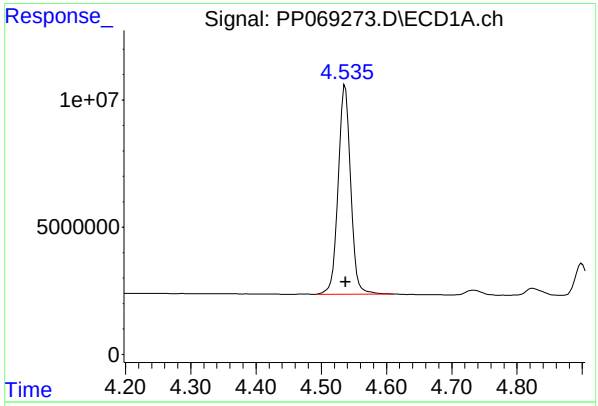
Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 13:25:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 13:16:55 2025
Response via : Initial Calibration
Integrator: ChemStation

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



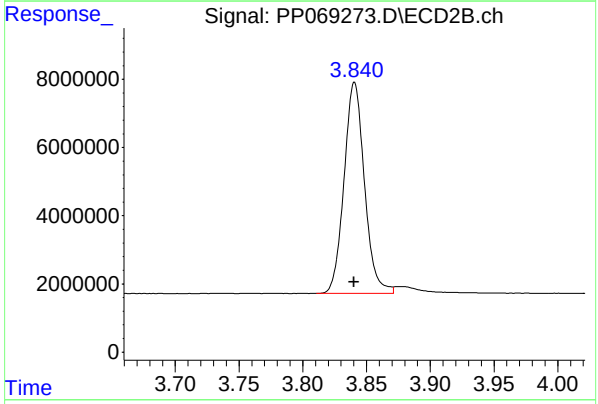




#1 Tetrachloro-m-xylene

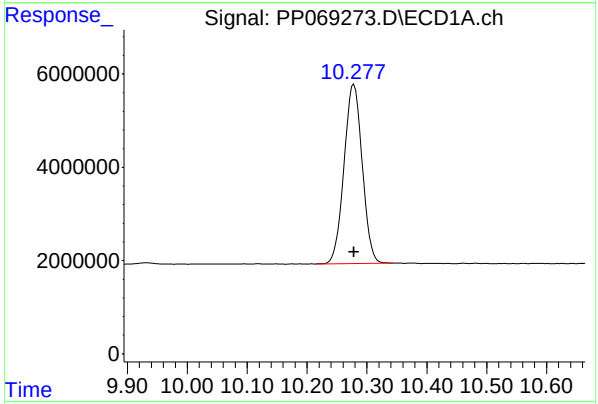
R.T.: 4.537 min
Delta R.T.: 0.000 min
Response: 109377354
Conc: 74.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



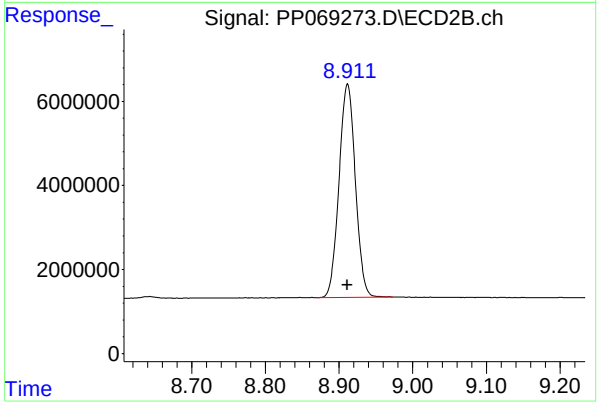
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 69163237
Conc: 71.33 ng/ml



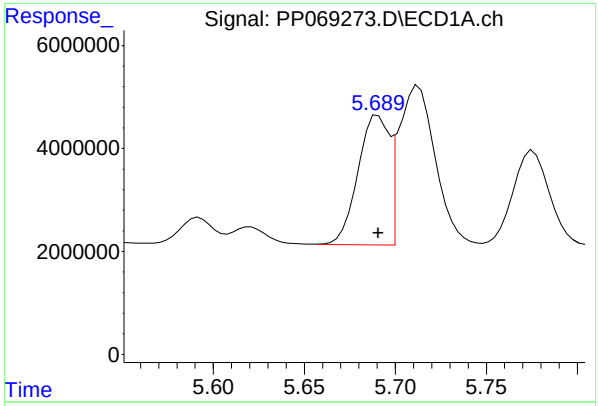
#2 Decachlorobiphenyl

R.T.: 10.278 min
Delta R.T.: 0.000 min
Response: 81129584
Conc: 74.51 ng/ml



#2 Decachlorobiphenyl

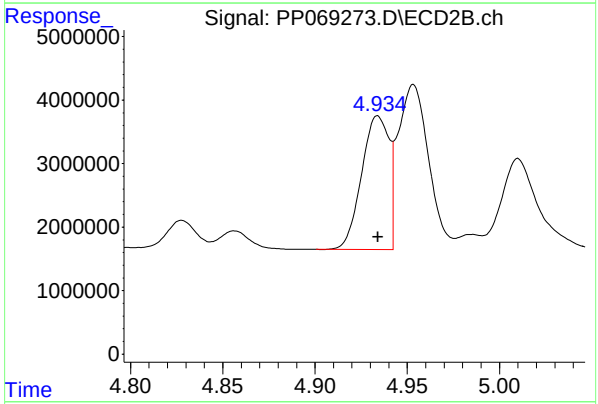
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 78177684
Conc: 70.25 ng/ml



#16 AR-1242-1

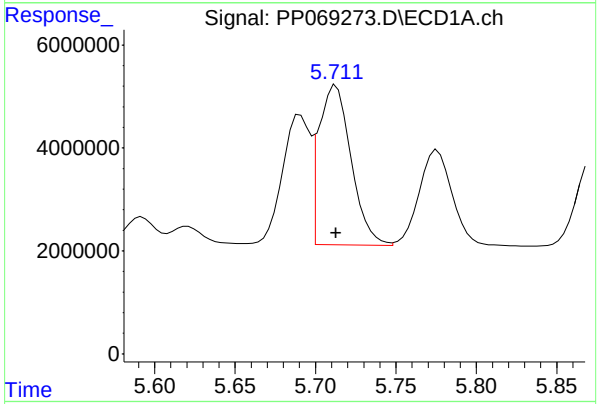
R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 30137750
Conc: 738.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



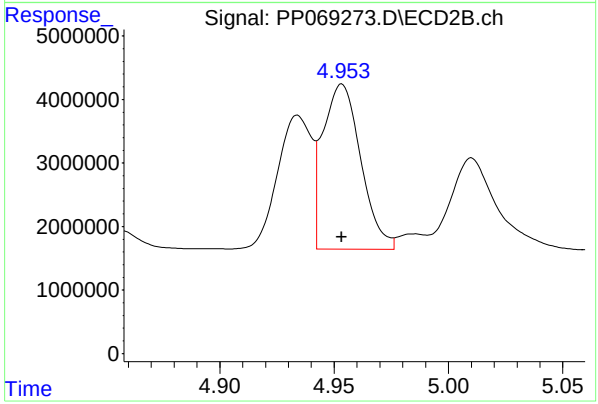
#16 AR-1242-1

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 21839944
Conc: 747.13 ng/ml



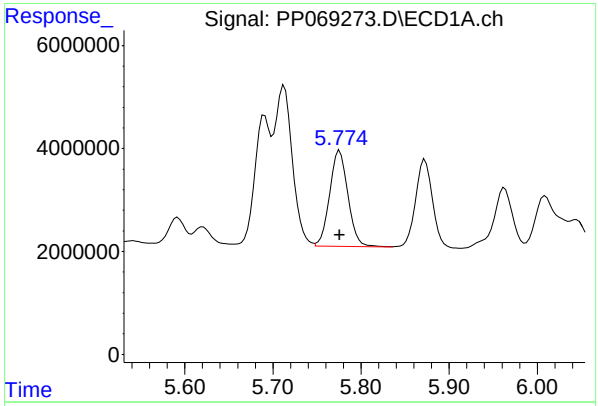
#17 AR-1242-2

R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 43422173
Conc: 735.80 ng/ml



#17 AR-1242-2

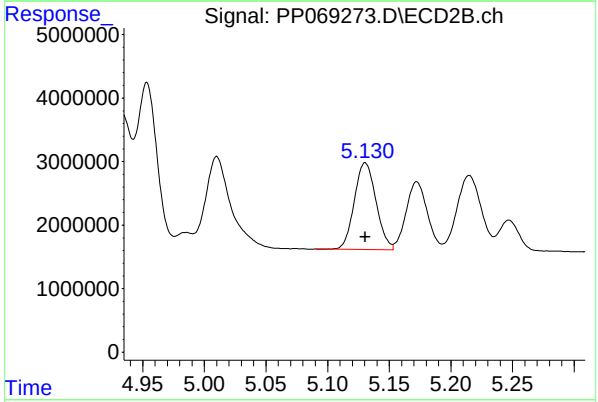
R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 29956153
Conc: 739.50 ng/ml



#18 AR-1242-3

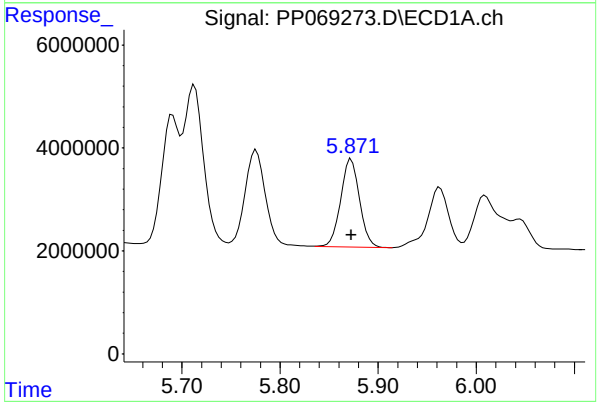
R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 26901679
Conc: 733.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



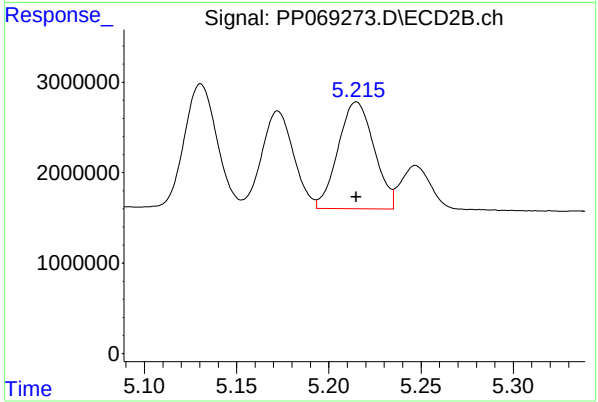
#18 AR-1242-3

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 16691146
Conc: 732.98 ng/ml



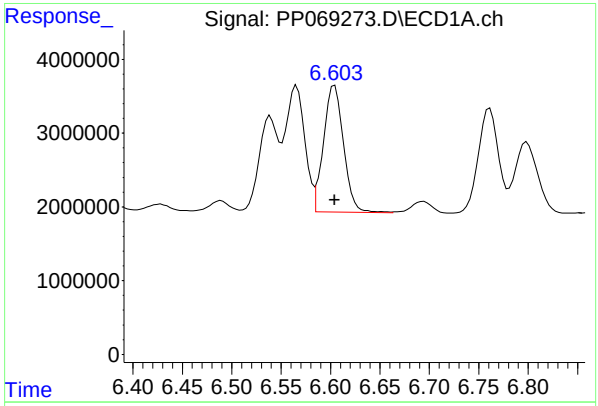
#19 AR-1242-4

R.T.: 5.873 min
Delta R.T.: 0.000 min
Response: 22891135
Conc: 738.58 ng/ml



#19 AR-1242-4

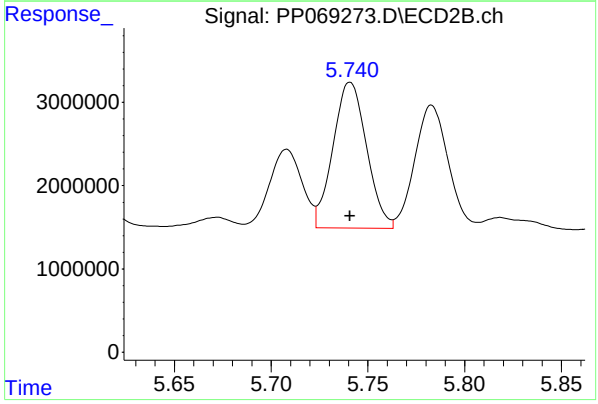
R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 16031239
Conc: 731.95 ng/ml



#20 AR-1242-5

R.T.: 6.604 min
Delta R.T.: 0.000 min
Response: 24145693
Conc: 740.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



#20 AR-1242-5

R.T.: 5.741 min
Delta R.T.: 0.000 min
Response: 21175650
Conc: 730.03 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069274.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 12:37
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 13:19:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 13:16:55 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.535	3.841	76865093	50303166	50.000	50.000
2)	SA Decachlor...	10.277	8.912	56920064	61281046	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	5.690	4.935	21683528	15058932	500.000	500.000
17)	L4 AR-1242-2	5.711	4.953	31058355	20882332	500.000	500.000
18)	L4 AR-1242-3	5.774	5.131	19507569	11908079	500.000	500.000
19)	L4 AR-1242-4	5.871	5.215	16362506	11560042	500.000	500.000
20)	L4 AR-1242-5	6.603	5.742	17244012	15201389	500.000	500.000

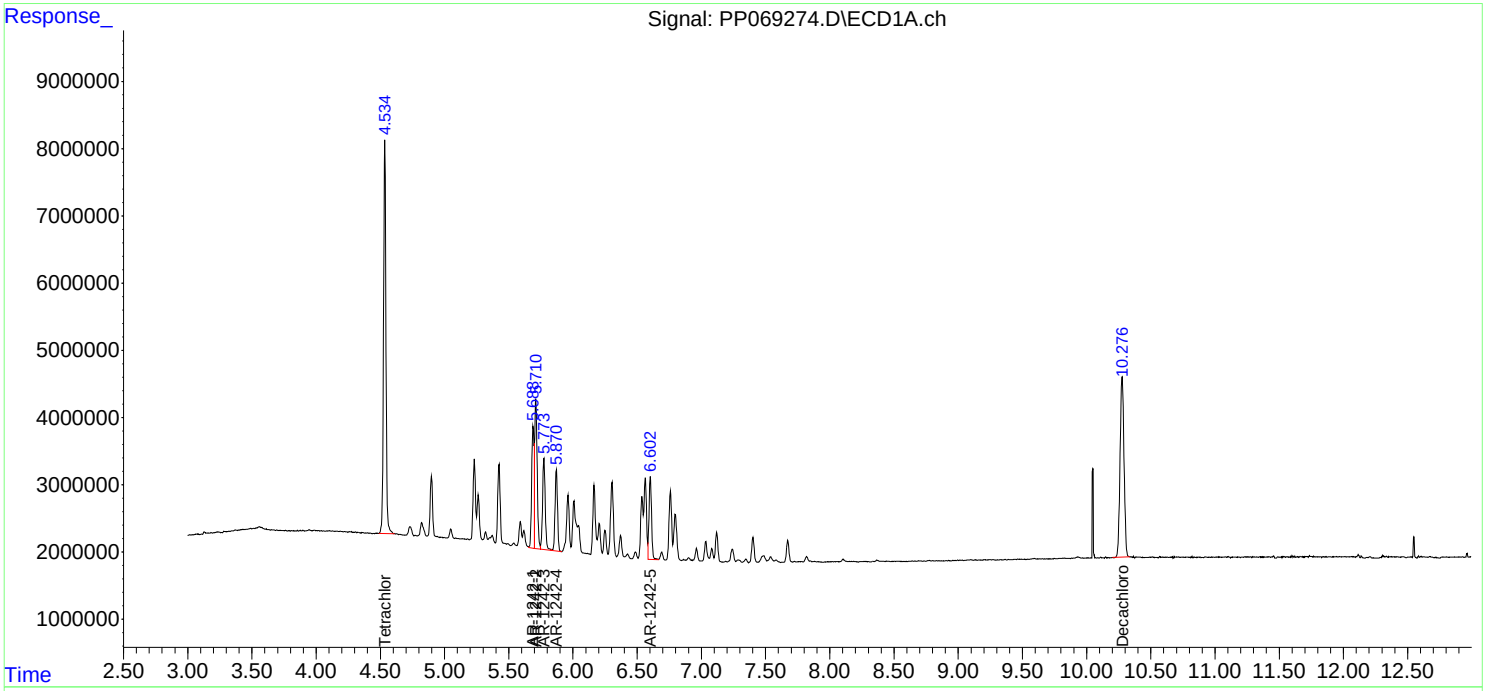
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

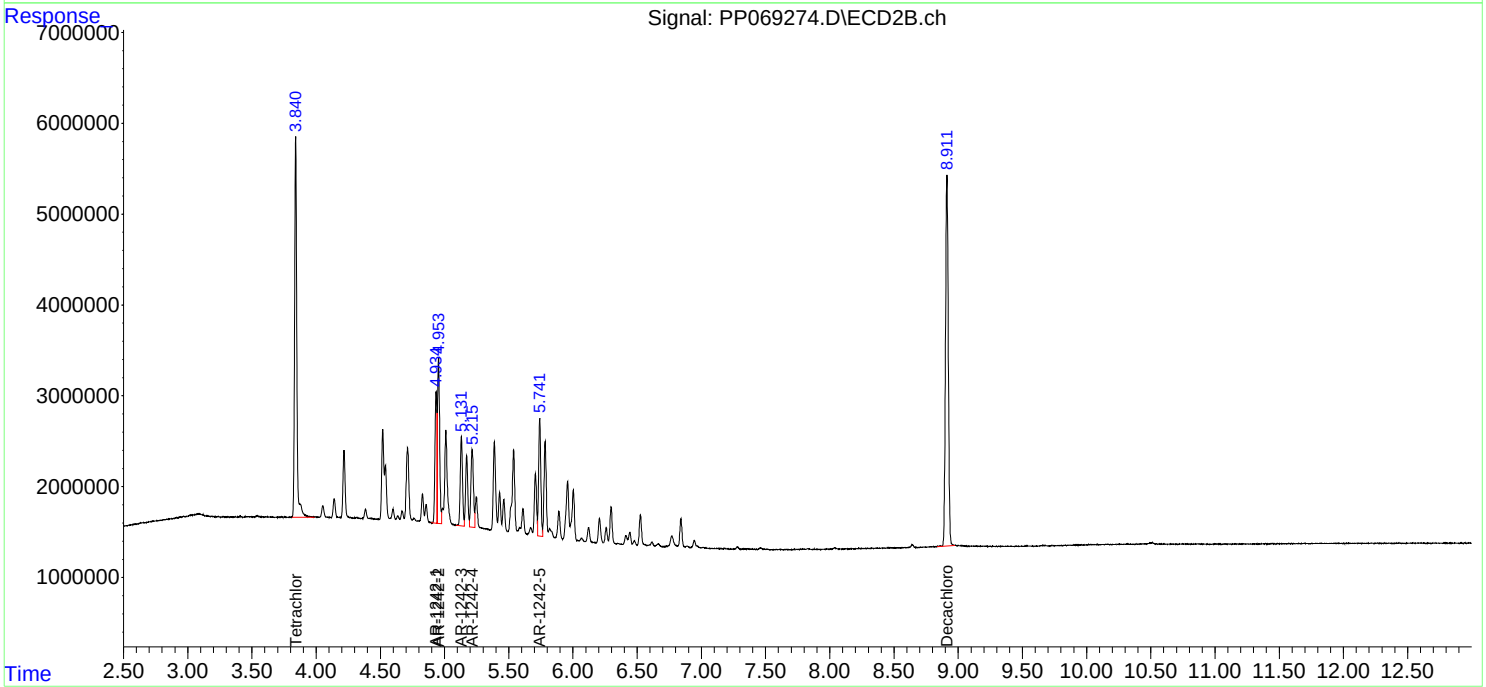
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069274.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 12:37
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

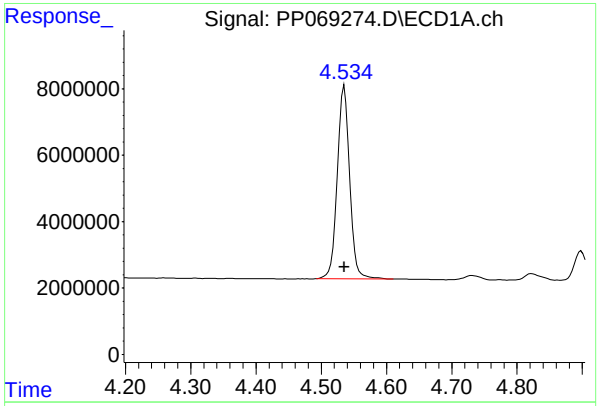
Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 13:19:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 13:16:55 2025
Response via : Initial Calibration
Integrator: ChemStation

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



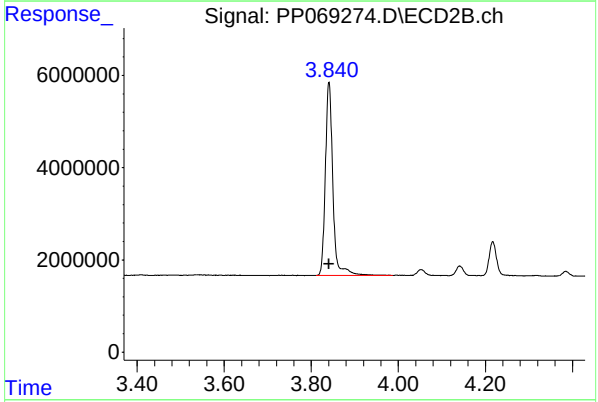




#1 Tetrachloro-m-xylene

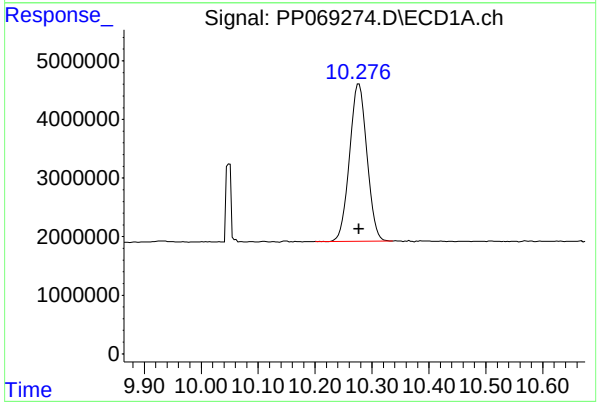
R.T.: 4.535 min
Delta R.T.: 0.000 min
Response: 76865093
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



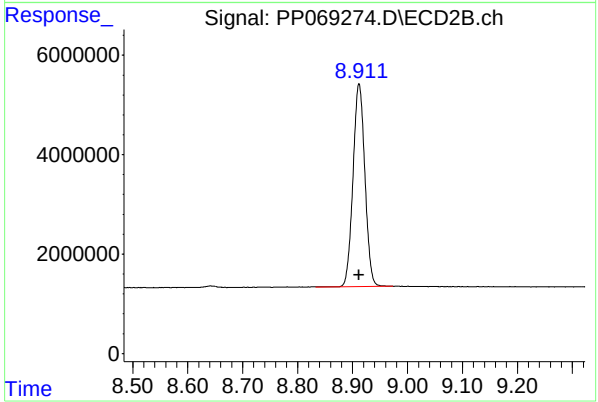
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 50303166
Conc: 50.00 ng/ml



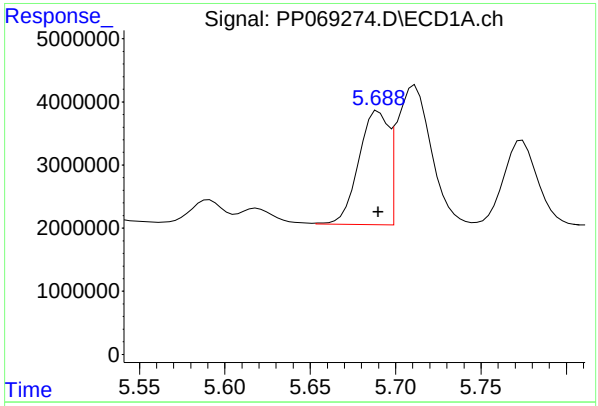
#2 Decachlorobiphenyl

R.T.: 10.277 min
Delta R.T.: 0.000 min
Response: 56920064
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

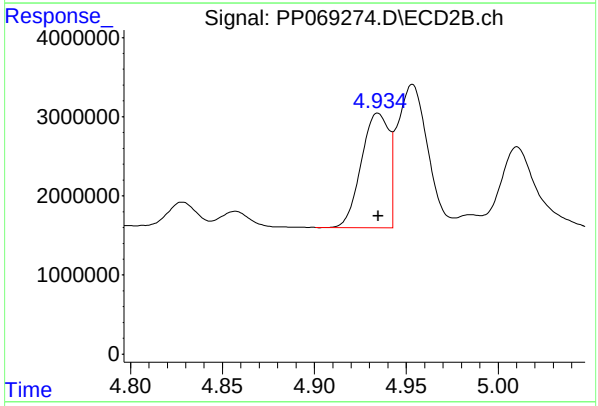
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 61281046
Conc: 50.00 ng/ml



#16 AR-1242-1

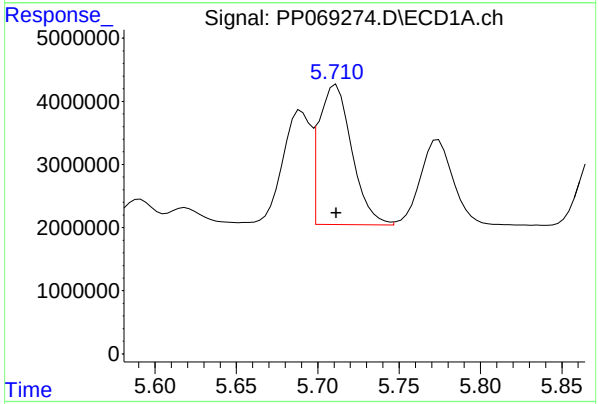
R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 21683528
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



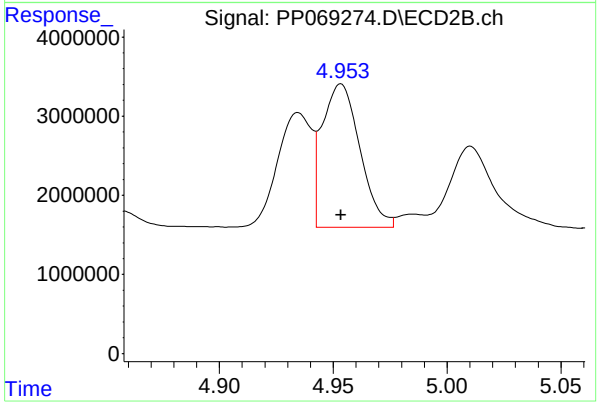
#16 AR-1242-1

R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 15058932
Conc: 500.00 ng/ml



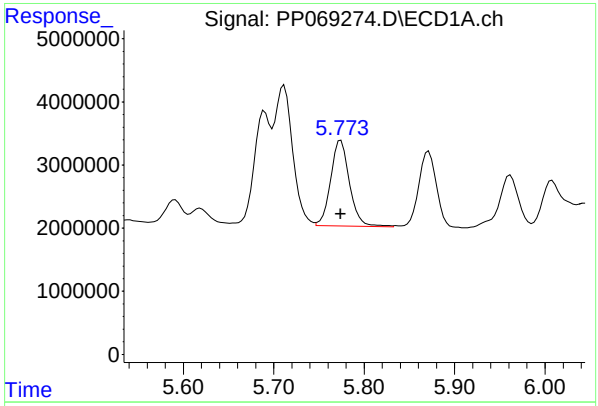
#17 AR-1242-2

R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 31058355
Conc: 500.00 ng/ml



#17 AR-1242-2

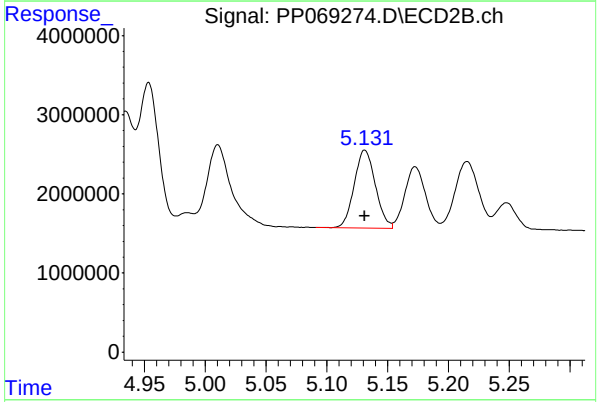
R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 20882332
Conc: 500.00 ng/ml



#18 AR-1242-3

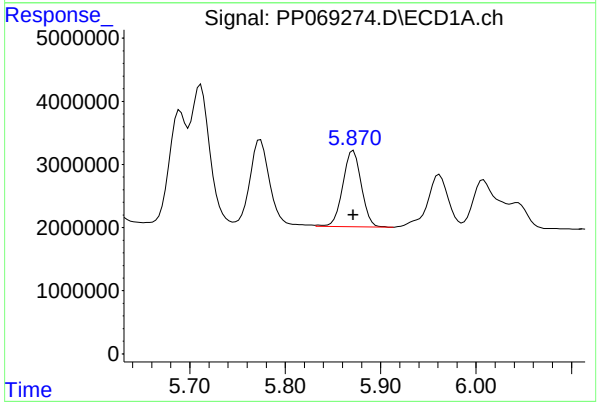
R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 19507569
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



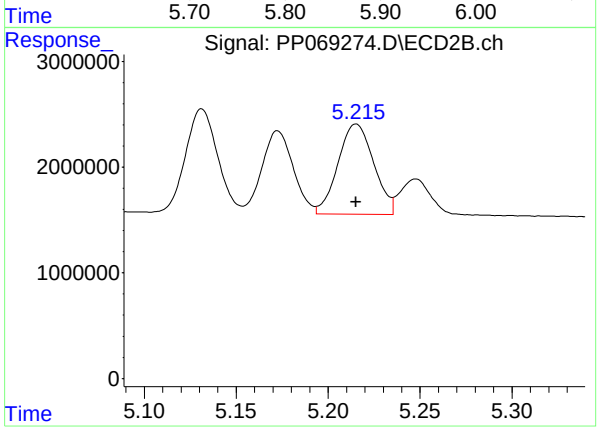
#18 AR-1242-3

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 11908079
Conc: 500.00 ng/ml



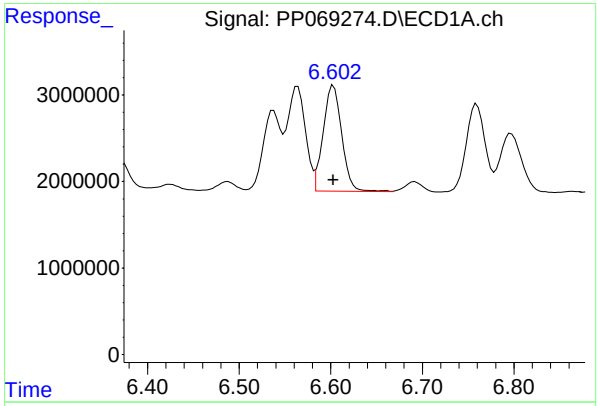
#19 AR-1242-4

R.T.: 5.871 min
Delta R.T.: 0.000 min
Response: 16362506
Conc: 500.00 ng/ml



#19 AR-1242-4

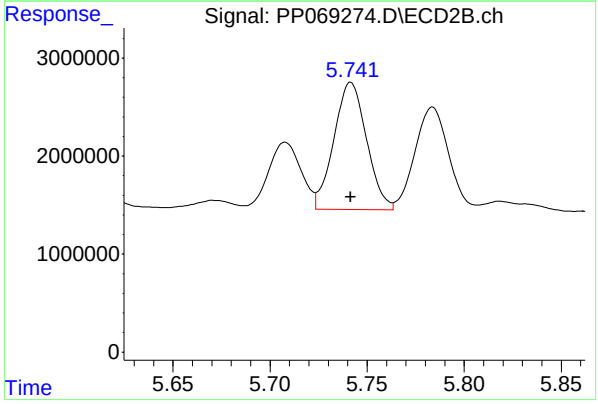
R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 11560042
Conc: 500.00 ng/ml



#20 AR-1242-5

R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 17244012
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



#20 AR-1242-5

R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 15201389
Conc: 500.00 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069275.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 12:53
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 13:29:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 13:29:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.538	3.839	38792932	24572047	25.937	25.469
2)	SA Decachlor...	10.279	8.911	29384811	29323543	26.463	25.999
	Target Compounds						
16)	L4 AR-1242-1	5.693	4.933	11282393	7765411	269.330	261.557
17)	L4 AR-1242-2	5.714	4.952	15949615	10596312	264.902	258.586
18)	L4 AR-1242-3	5.777	5.130	10146658	5872286	269.351	255.863
19)	L4 AR-1242-4	5.874	5.214	8706808	5585119	272.498	253.733
20)	L4 AR-1242-5	6.606	5.740	9072432	7515106	270.580	256.750

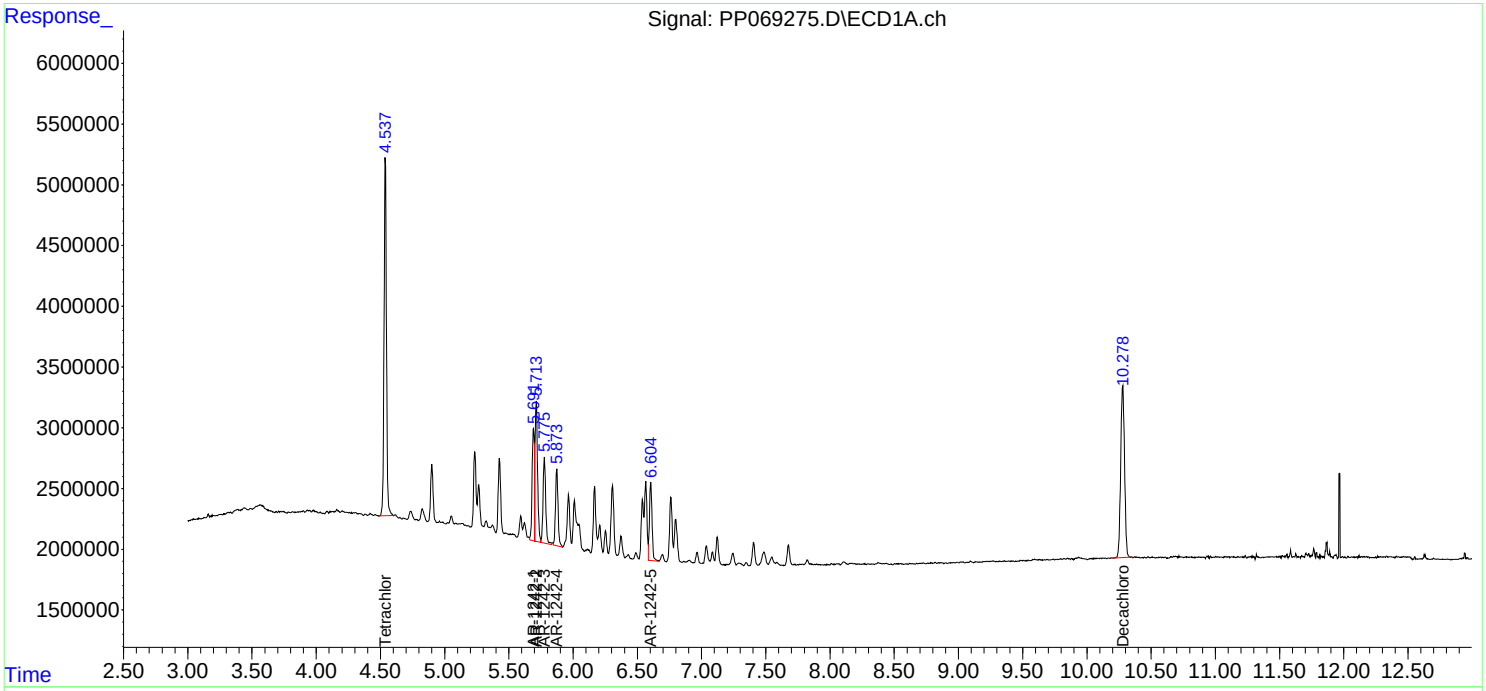
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

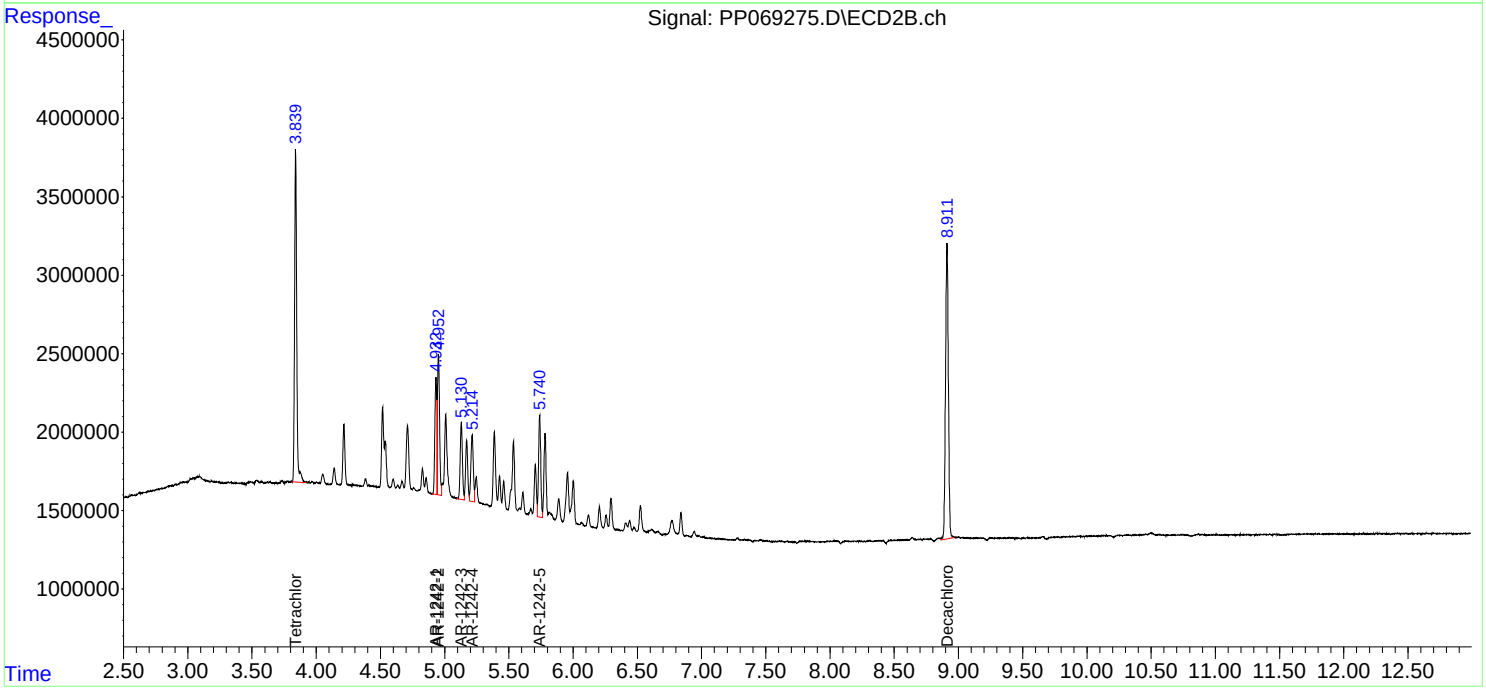
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069275.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 12:53
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

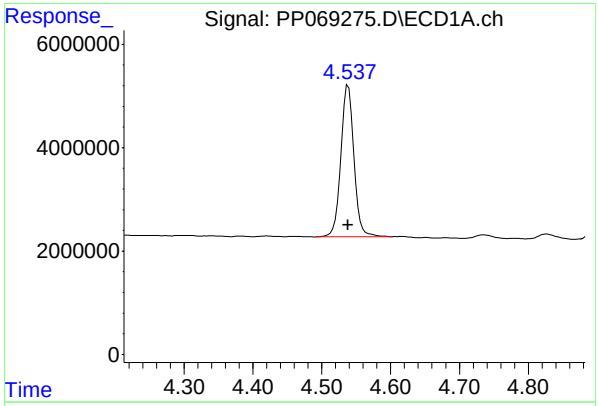
Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 13:29:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 13:29:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



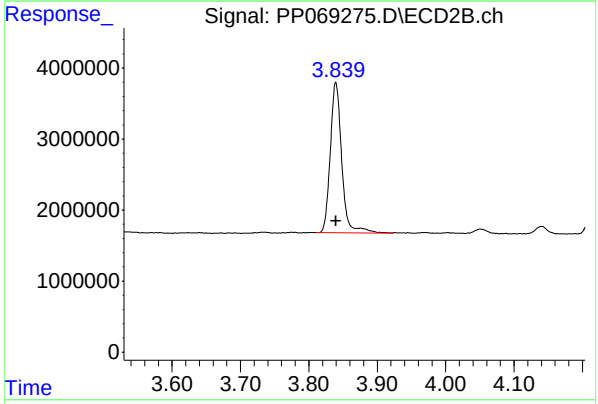




#1 Tetrachloro-m-xylene

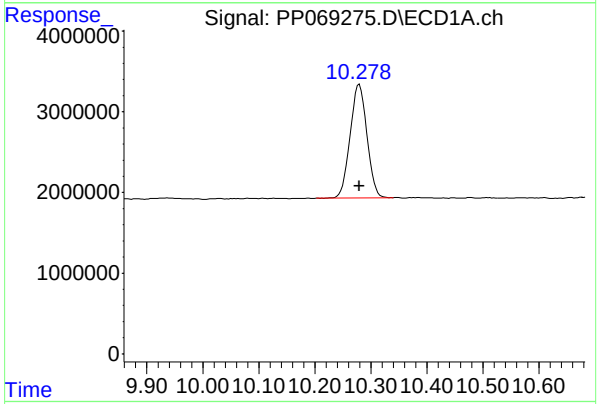
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 38792932
Conc: 25.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



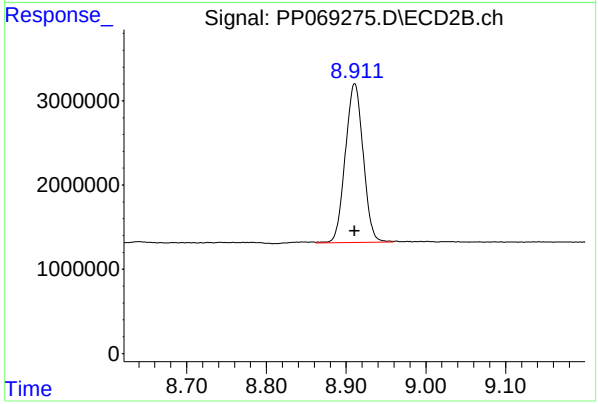
#1 Tetrachloro-m-xylene

R.T.: 3.839 min
Delta R.T.: 0.000 min
Response: 24572047
Conc: 25.47 ng/ml



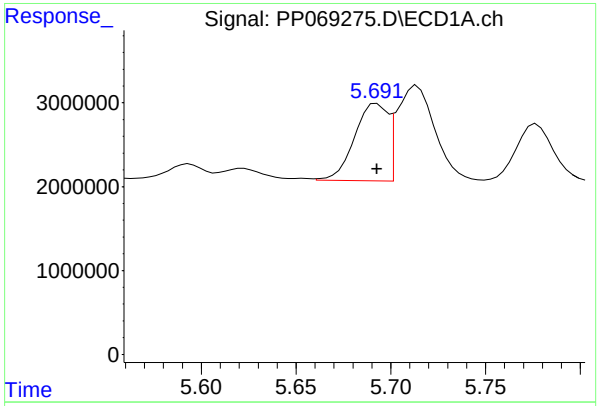
#2 Decachlorobiphenyl

R.T.: 10.279 min
Delta R.T.: 0.000 min
Response: 29384811
Conc: 26.46 ng/ml



#2 Decachlorobiphenyl

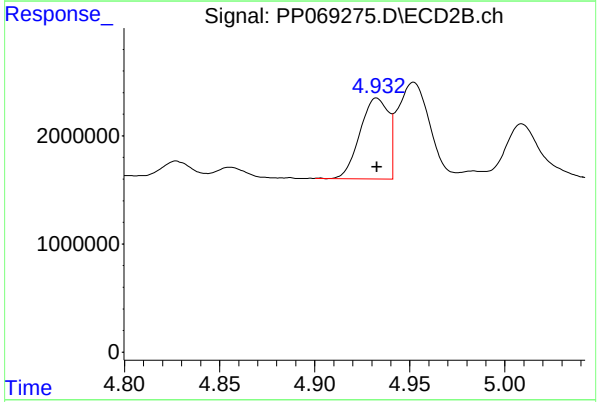
R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 29323543
Conc: 26.00 ng/ml



#16 AR-1242-1

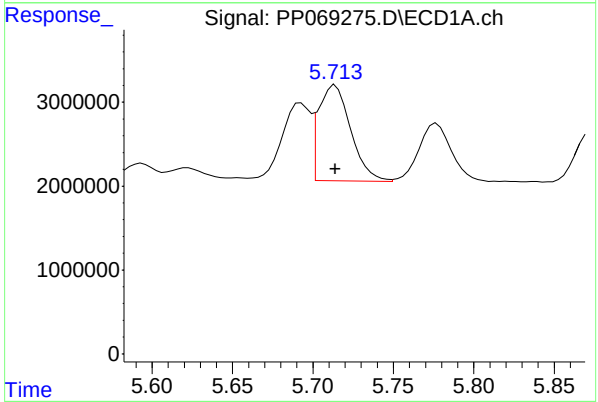
R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 11282393
Conc: 269.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



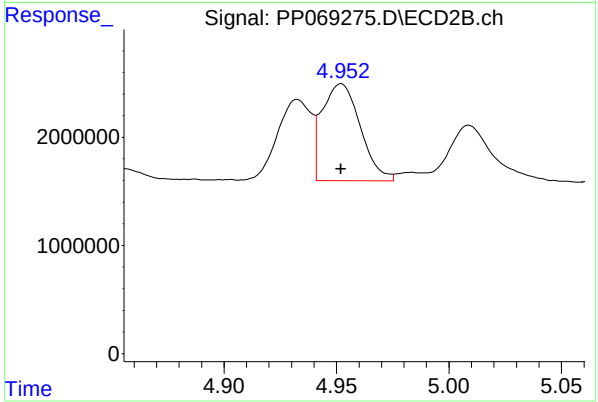
#16 AR-1242-1

R.T.: 4.933 min
Delta R.T.: 0.000 min
Response: 7765411
Conc: 261.56 ng/ml



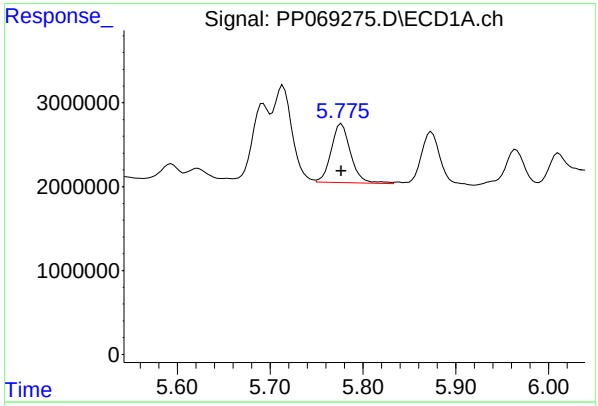
#17 AR-1242-2

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 15949615
Conc: 264.90 ng/ml



#17 AR-1242-2

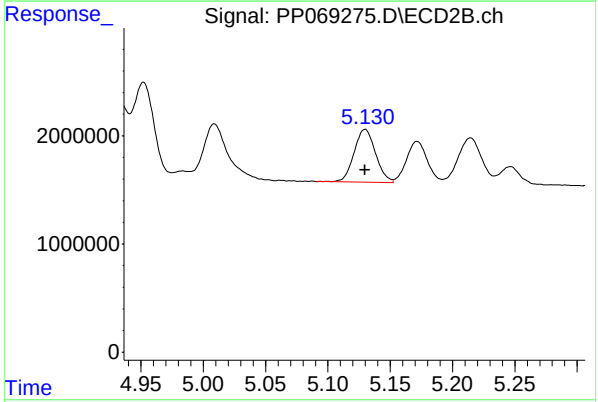
R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 10596312
Conc: 258.59 ng/ml



#18 AR-1242-3

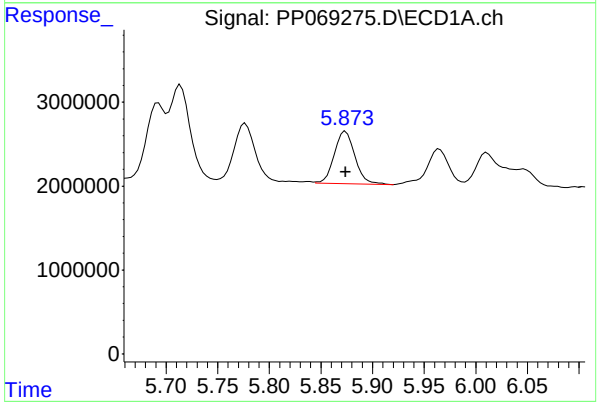
R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 10146658
Conc: 269.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



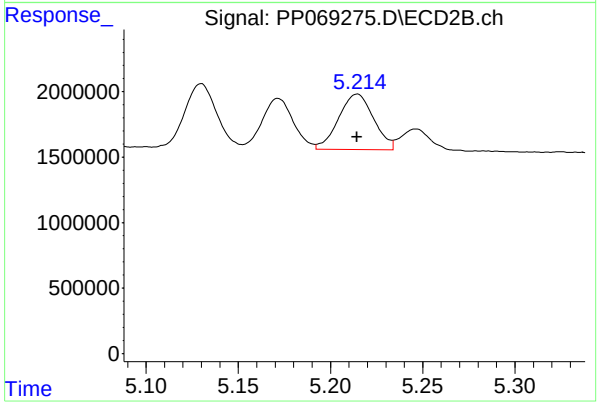
#18 AR-1242-3

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 5872286
Conc: 255.86 ng/ml



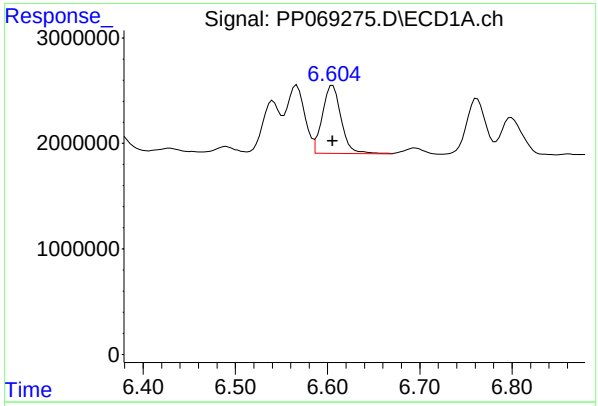
#19 AR-1242-4

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 8706808
Conc: 272.50 ng/ml



#19 AR-1242-4

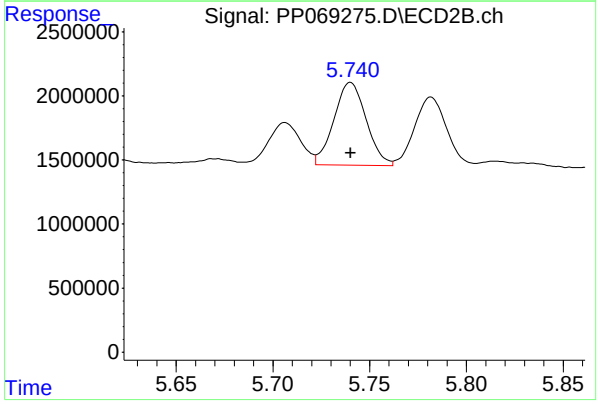
R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 5585119
Conc: 253.73 ng/ml



#20 AR-1242-5

R.T.: 6.606 min
Delta R.T.: 0.000 min
Response: 9072432
Conc: 270.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



#20 AR-1242-5

R.T.: 5.740 min
Delta R.T.: 0.000 min
Response: 7515106
Conc: 256.75 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069276.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 13:09
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 13:32:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 13:32:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.535	3.840	5712040	3880861	4.008	4.186
2)	SA Decachlor...	10.276	8.912	4701402	5291649	4.368	4.750
	Target Compounds						
16)	L4 AR-1242-1	5.689	4.934	2048207	1270163	49.111	44.054
17)	L4 AR-1242-2	5.711	4.953	2705826	1653863	45.869	41.979
18)	L4 AR-1242-3	5.774	5.131	1740514	1035839	46.916	46.029
19)	L4 AR-1242-4	5.870	5.215	1808303	993205	55.140	46.020
20)	L4 AR-1242-5	6.603	5.741	1440165	1338070	44.198	46.512

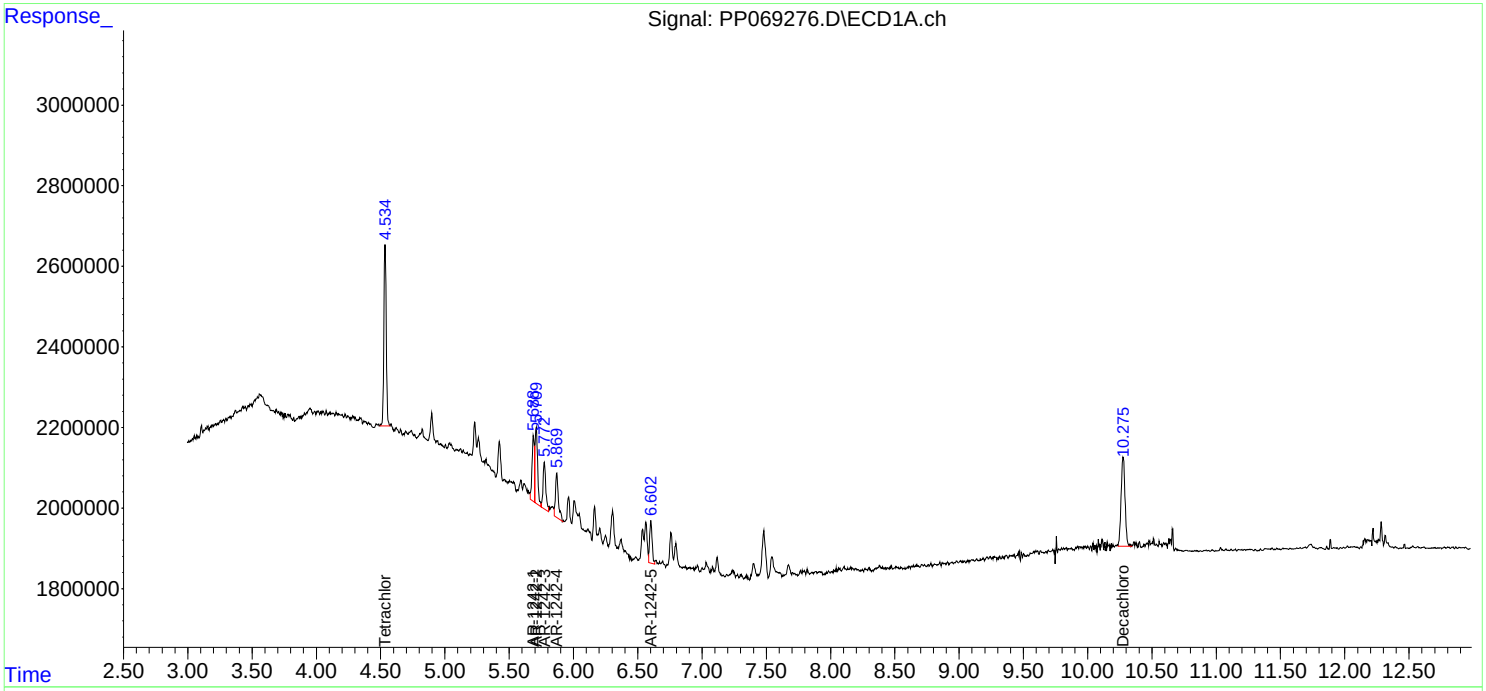
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

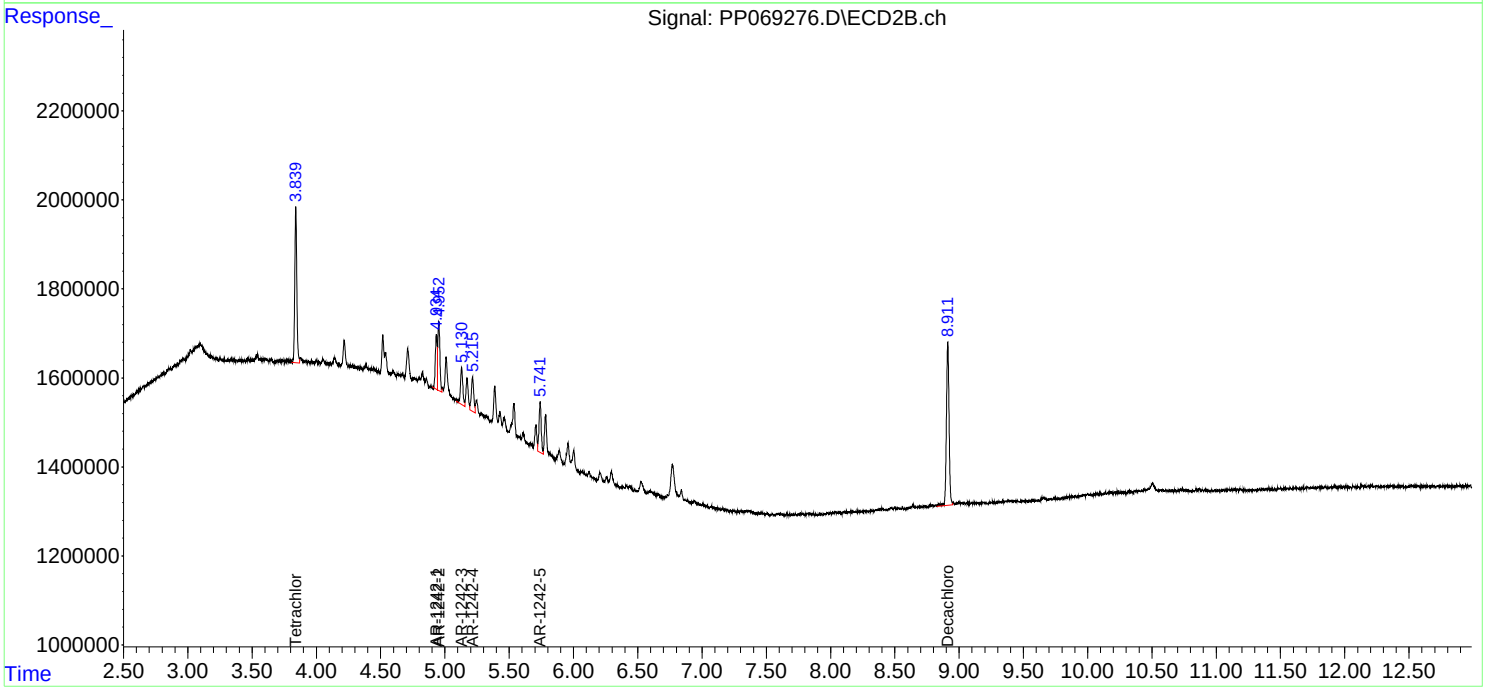
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069276.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 13:09
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

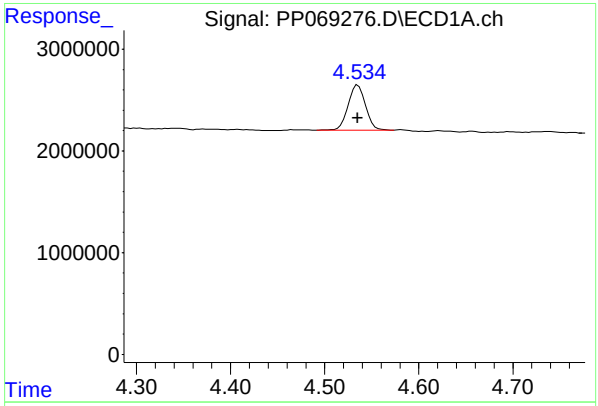
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 13:32:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 13:32:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



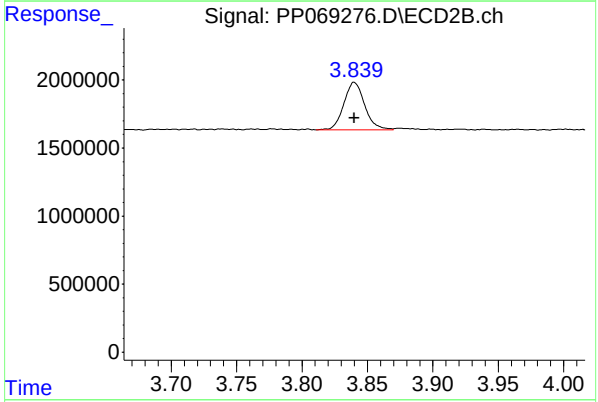




#1 Tetrachloro-m-xylene

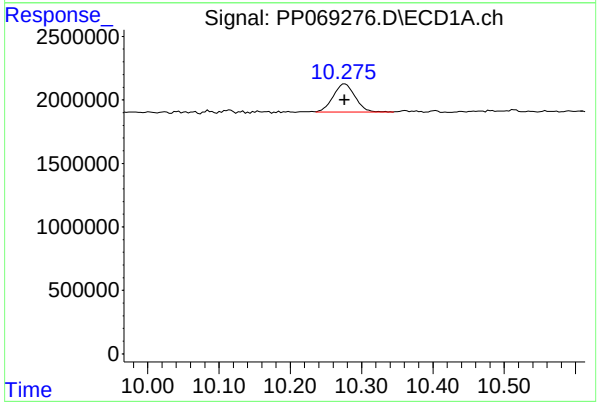
R.T.: 4.535 min
Delta R.T.: 0.000 min
Response: 5712040
Conc: 4.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



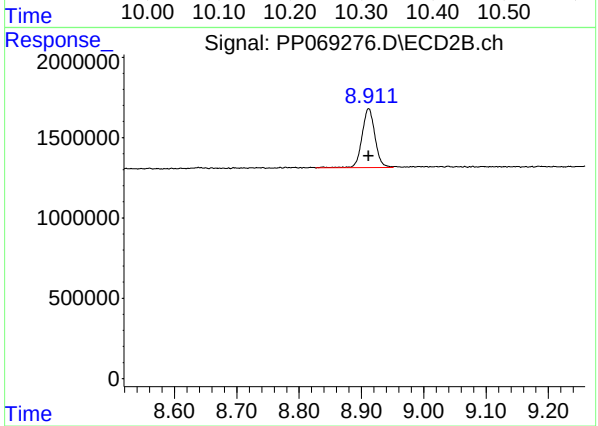
#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 3880861
Conc: 4.19 ng/ml



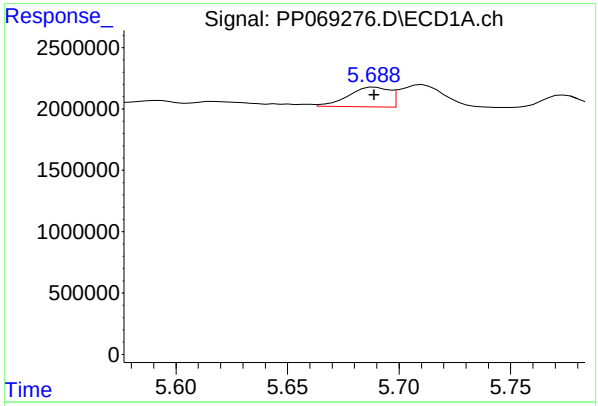
#2 Decachlorobiphenyl

R.T.: 10.276 min
Delta R.T.: 0.000 min
Response: 4701402
Conc: 4.37 ng/ml



#2 Decachlorobiphenyl

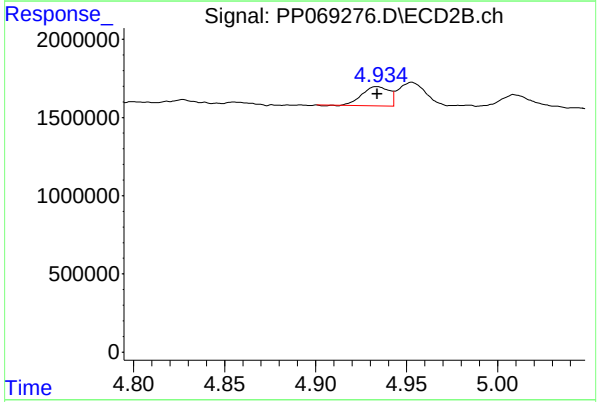
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 5291649
Conc: 4.75 ng/ml



#16 AR-1242-1

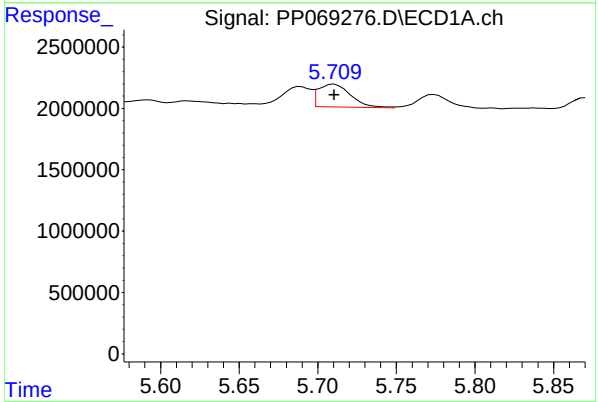
R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 2048207
Conc: 49.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



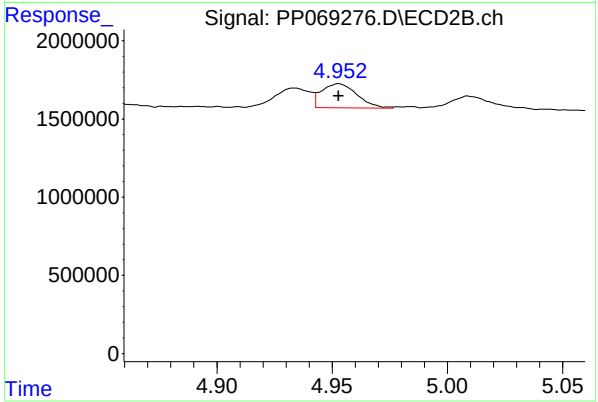
#16 AR-1242-1

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 1270163
Conc: 44.05 ng/ml



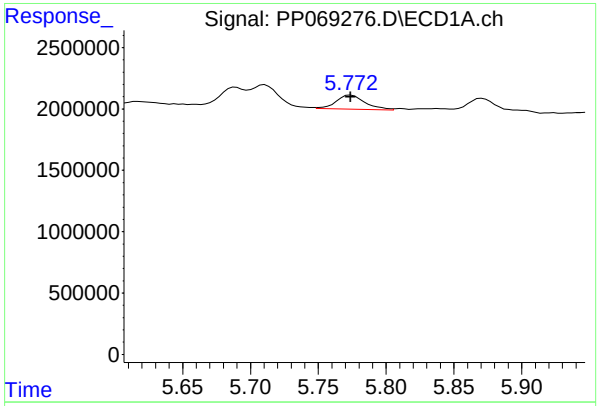
#17 AR-1242-2

R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 2705826
Conc: 45.87 ng/ml



#17 AR-1242-2

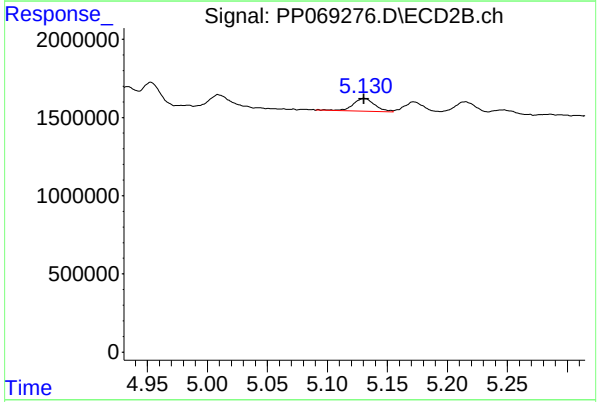
R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 1653863
Conc: 41.98 ng/ml



#18 AR-1242-3

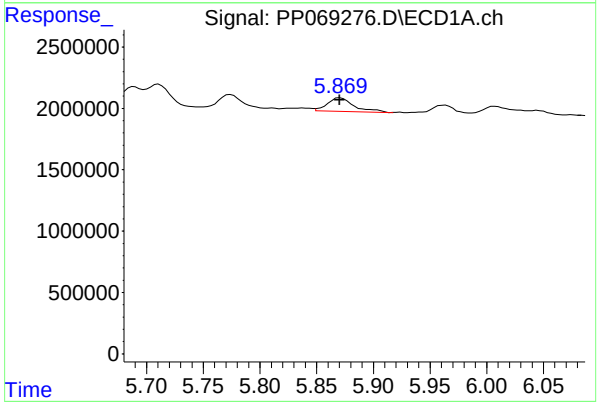
R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 1740514
Conc: 46.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



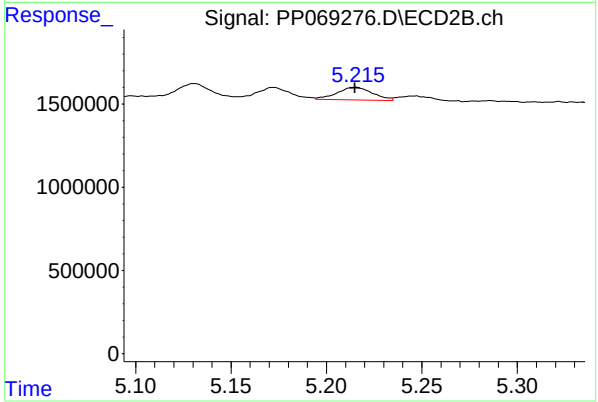
#18 AR-1242-3

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 1035839
Conc: 46.03 ng/ml



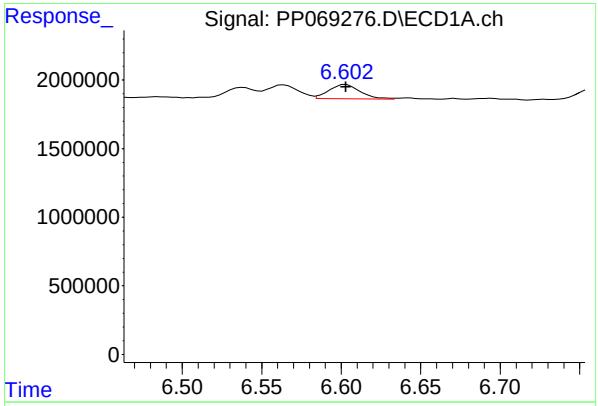
#19 AR-1242-4

R.T.: 5.870 min
Delta R.T.: 0.000 min
Response: 1808303
Conc: 55.14 ng/ml



#19 AR-1242-4

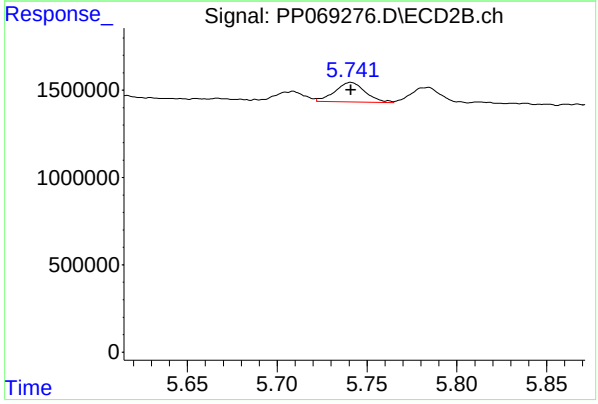
R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 993205
Conc: 46.02 ng/ml



#20 AR-1242-5

R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 1440165
Conc: 44.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



#20 AR-1242-5

R.T.: 5.741 min
Delta R.T.: 0.000 min
Response: 1338070
Conc: 46.51 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069277.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 13:26
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 14:15:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 14:11:04 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.536	3.841	139.8E6	93340429	96.035	98.382
2)	SA Decachlor...	10.278	8.912	103.8E6	98040406	95.812	93.069
	Target Compounds						
21)	L5 AR-1248-1	5.690	4.934	29720774	21330255	955.393	958.327
22)	L5 AR-1248-2	5.963	5.172	40031392	28324001	958.740	965.847
23)	L5 AR-1248-3	6.166	5.215	44249426	29601440	956.494	967.648
24)	L5 AR-1248-4	6.565	5.388	52361428	35306028	948.489	964.835
25)	L5 AR-1248-5	6.604	5.784	50435355	36064443	950.417	976.042

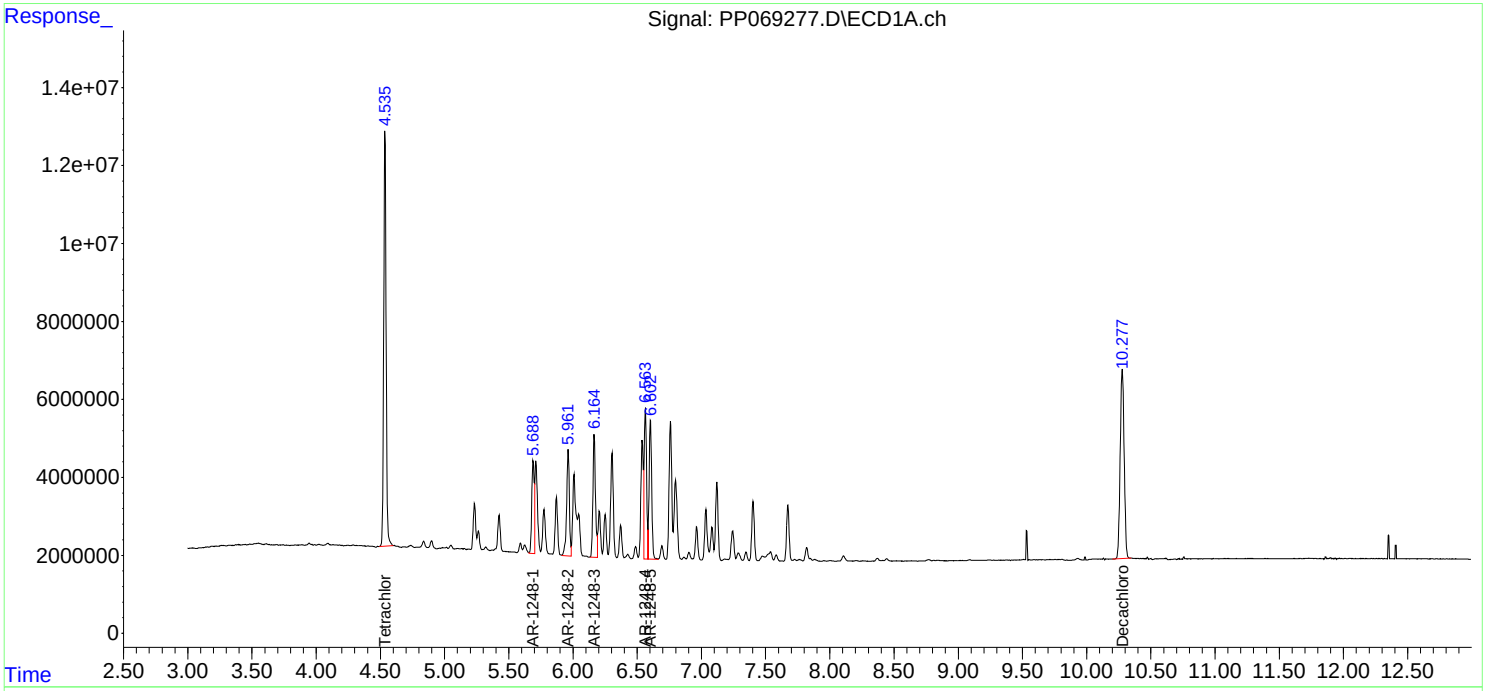
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

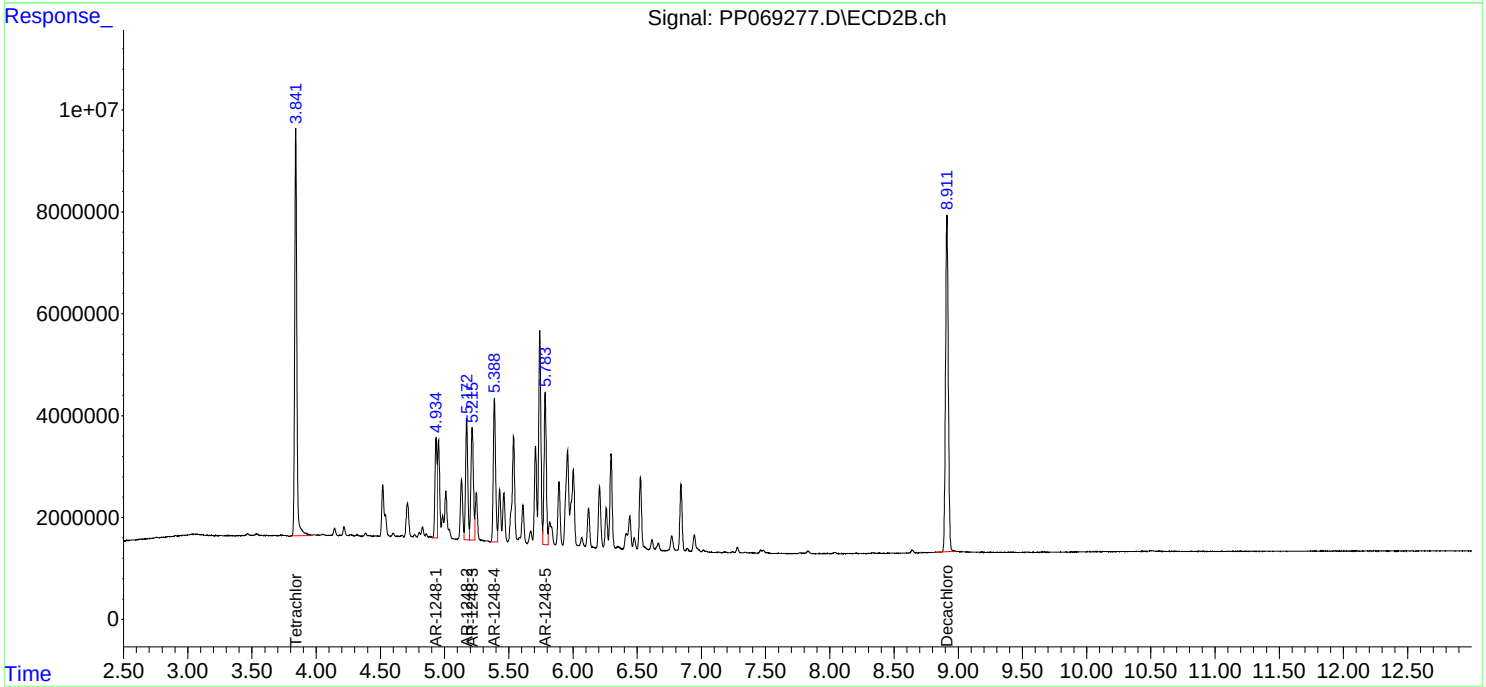
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069277.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 13:26
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

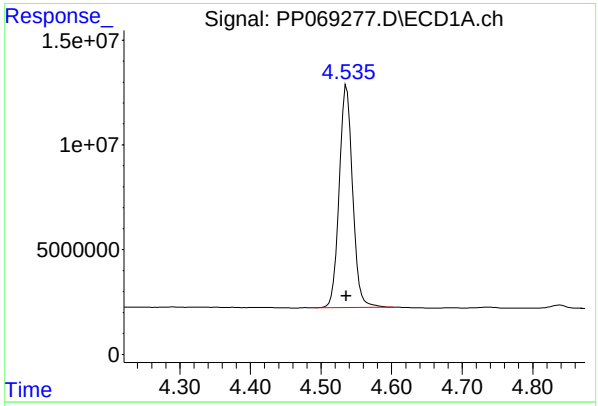
Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 14:15:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 14:11:04 2025
Response via : Initial Calibration
Integrator: ChemStation

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



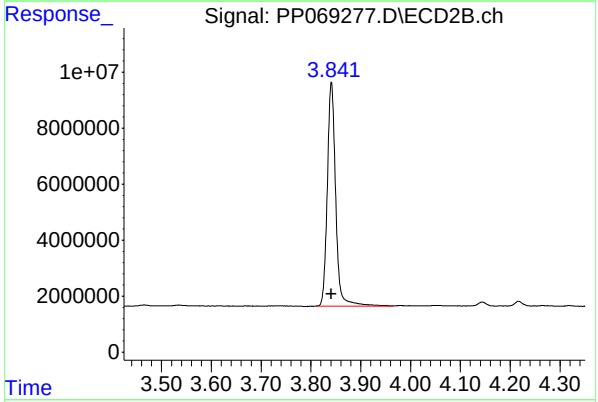




#1 Tetrachloro-m-xylene

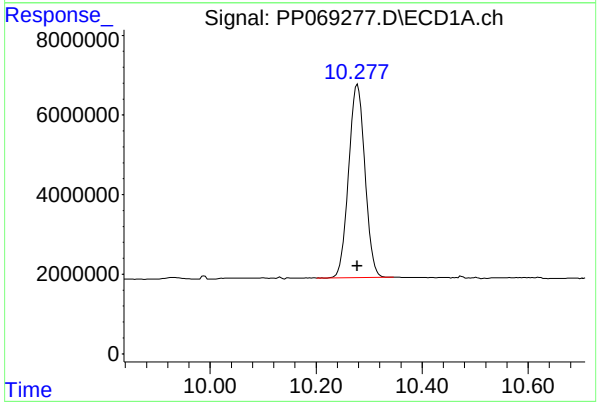
R.T.: 4.536 min
Delta R.T.: 0.000 min
Response: 139785076
Conc: 96.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



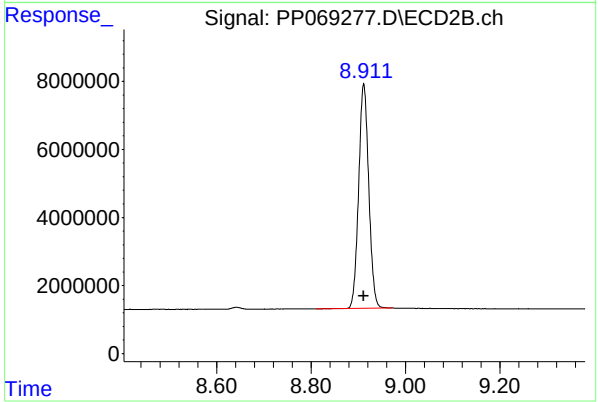
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 93340429
Conc: 98.38 ng/ml



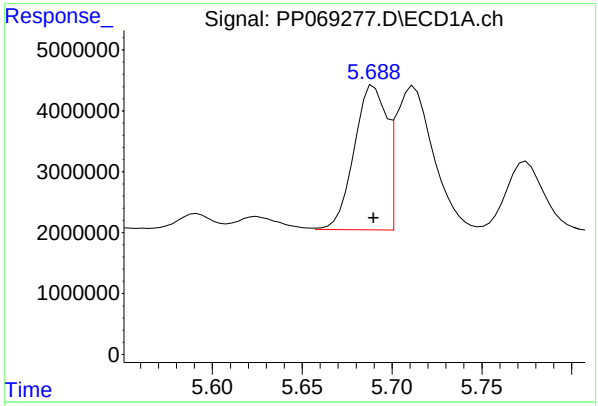
#2 Decachlorobiphenyl

R.T.: 10.278 min
Delta R.T.: 0.000 min
Response: 103763918
Conc: 95.81 ng/ml



#2 Decachlorobiphenyl

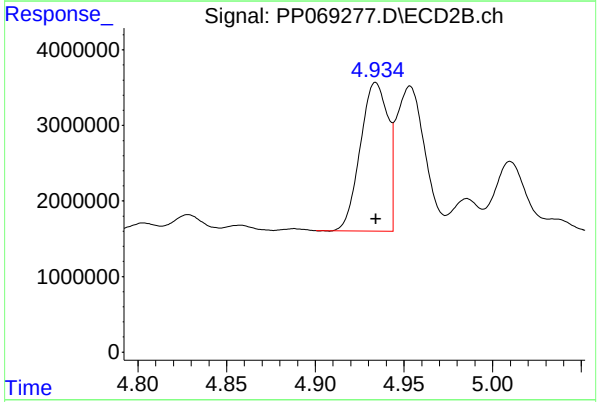
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 98040406
Conc: 93.07 ng/ml



#21 AR-1248-1

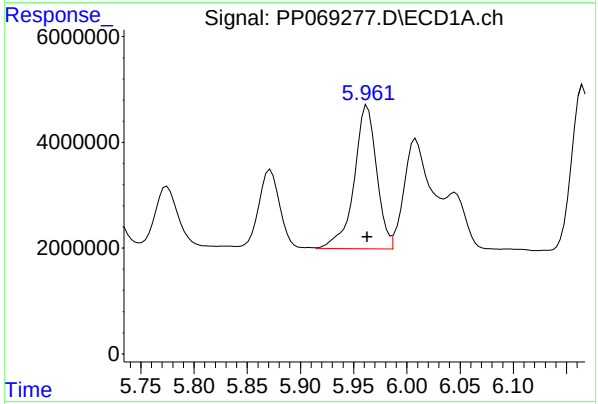
R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 29720774
Conc: 955.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



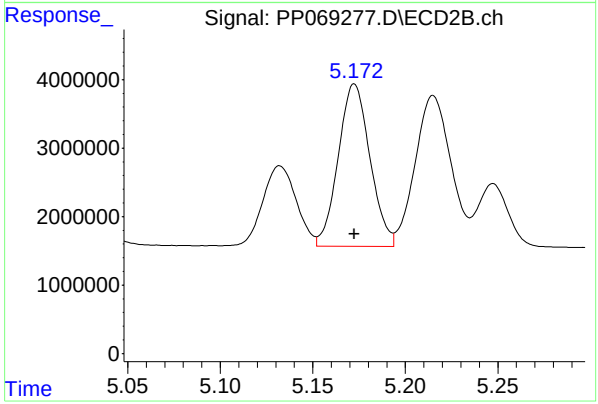
#21 AR-1248-1

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 21330255
Conc: 958.33 ng/ml



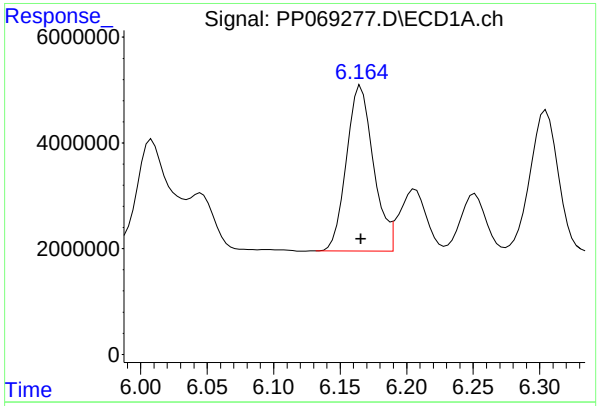
#22 AR-1248-2

R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 40031392
Conc: 958.74 ng/ml



#22 AR-1248-2

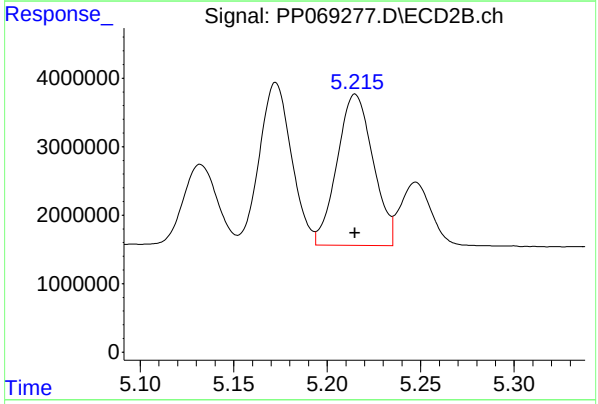
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 28324001
Conc: 965.85 ng/ml



#23 AR-1248-3

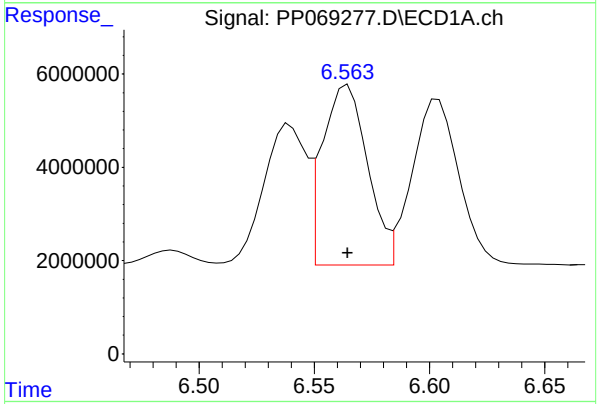
R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 44249426
Conc: 956.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



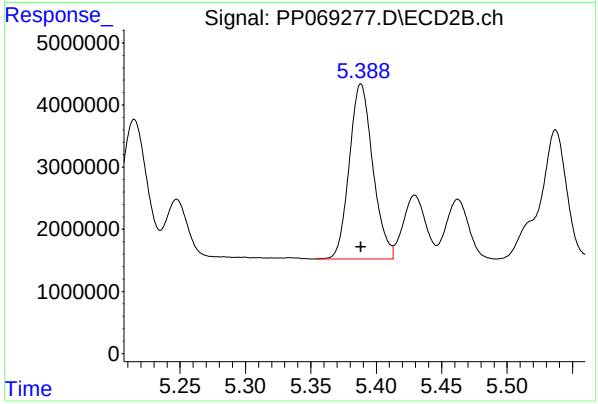
#23 AR-1248-3

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 29601440
Conc: 967.65 ng/ml



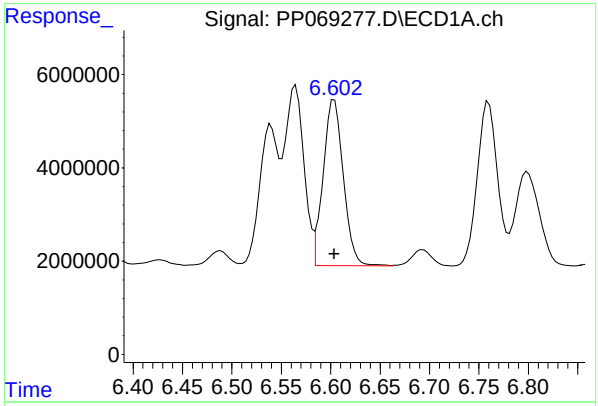
#24 AR-1248-4

R.T.: 6.565 min
Delta R.T.: 0.000 min
Response: 52361428
Conc: 948.49 ng/ml



#24 AR-1248-4

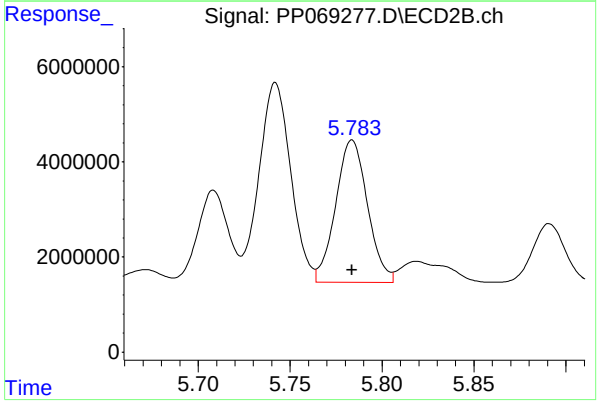
R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 35306028
Conc: 964.84 ng/ml



#25 AR-1248-5

R.T.: 6.604 min
Delta R.T.: 0.000 min
Response: 50435355
Conc: 950.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



#25 AR-1248-5

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 36064443
Conc: 976.04 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069278.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 13:42
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 14:17:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 14:11:04 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.536	3.841	108.1E6	69616300	74.502	73.910
2)	SA Decachlor...	10.277	8.912	80239411	71992164	74.391	70.426
	Target Compounds						
21)	L5 AR-1248-1	5.690	4.934	23301477	15640407	749.360	717.785
22)	L5 AR-1248-2	5.962	5.173	30590155	20848478	738.326	723.494
23)	L5 AR-1248-3	6.165	5.215	33991113	21573142	739.764	719.533
24)	L5 AR-1248-4	6.564	5.388	40921037	25659920	744.147	716.765
25)	L5 AR-1248-5	6.603	5.783	39260909	26856514	743.198	734.399

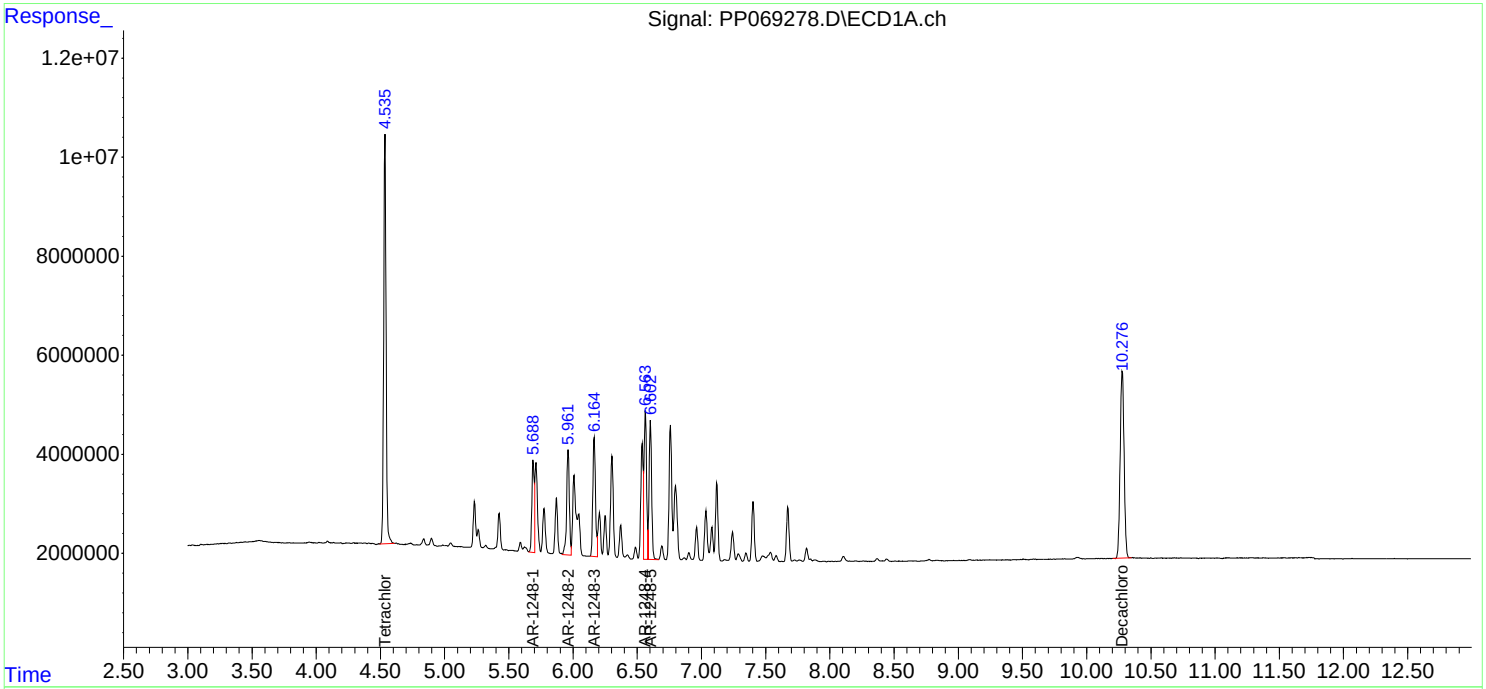
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

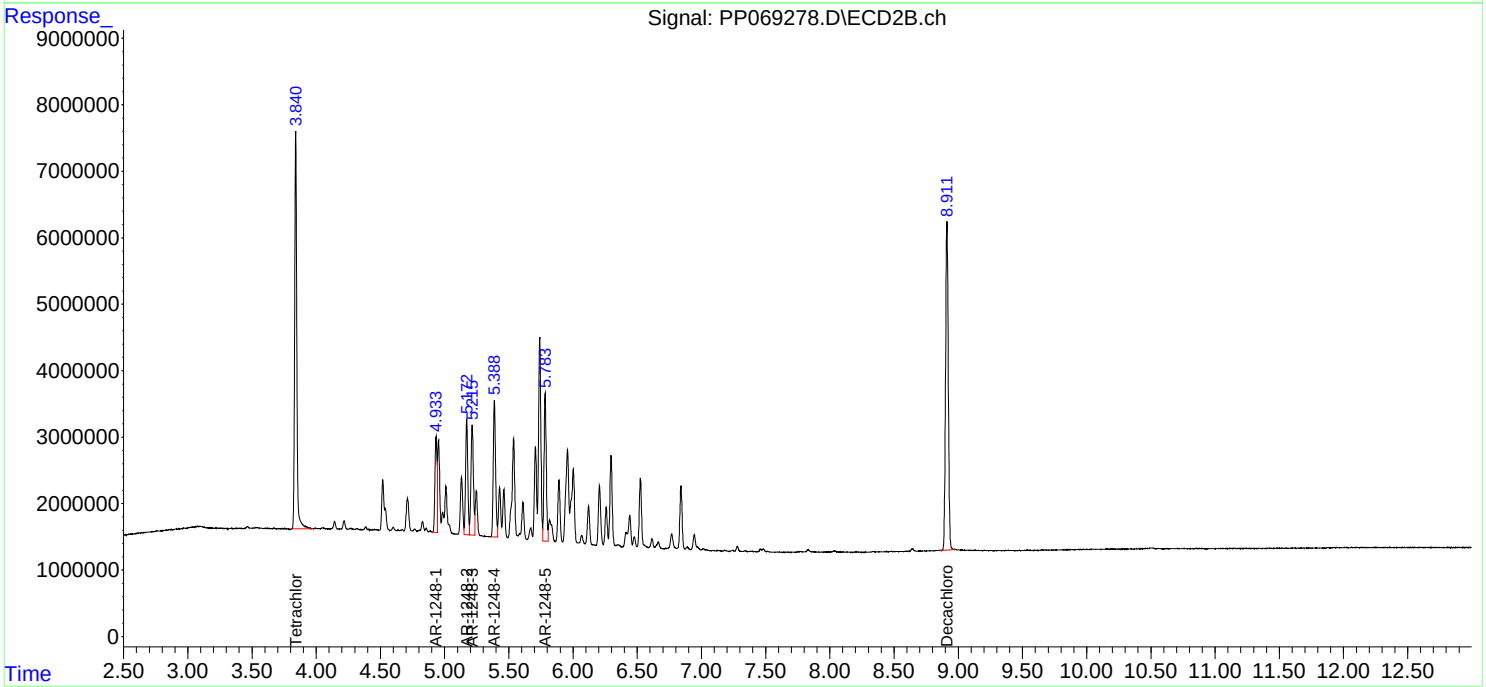
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069278.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 13:42
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

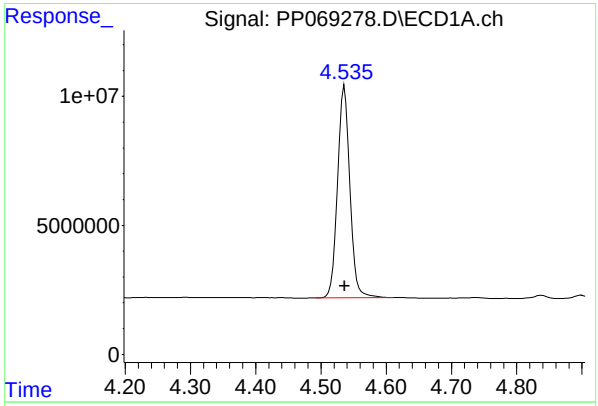
Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 14:17:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 14:11:04 2025
Response via : Initial Calibration
Integrator: ChemStation

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



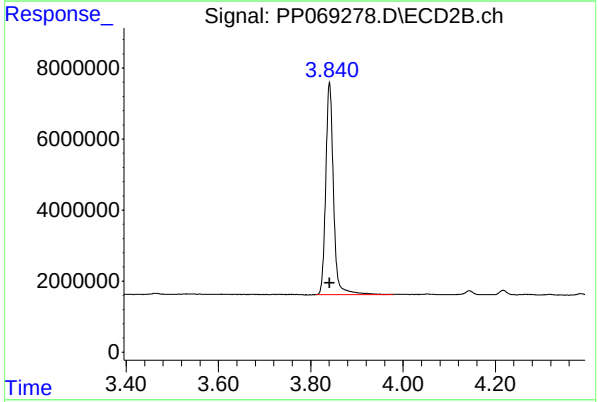




#1 Tetrachloro-m-xylene

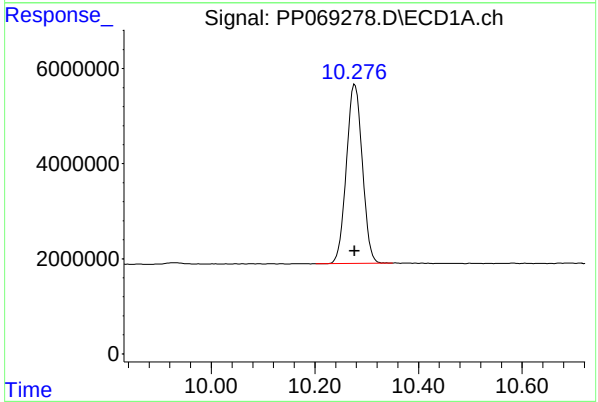
R.T.: 4.536 min
Delta R.T.: 0.000 min
Response: 108083506
Conc: 74.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



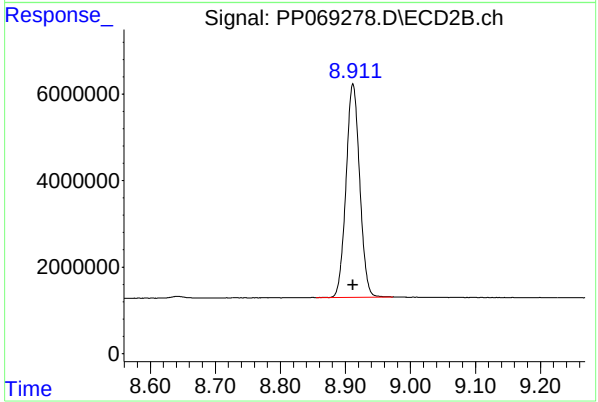
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 69616300
Conc: 73.91 ng/ml



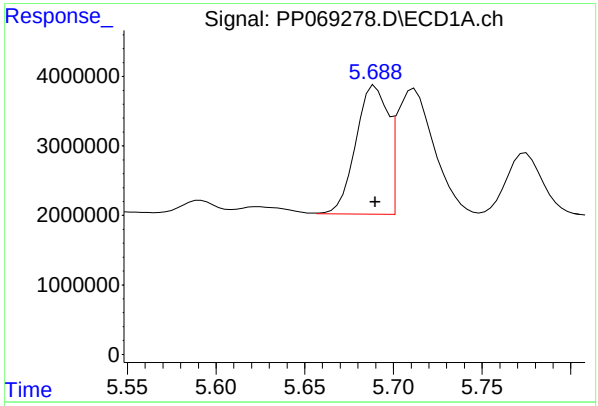
#2 Decachlorobiphenyl

R.T.: 10.277 min
Delta R.T.: 0.000 min
Response: 80239411
Conc: 74.39 ng/ml



#2 Decachlorobiphenyl

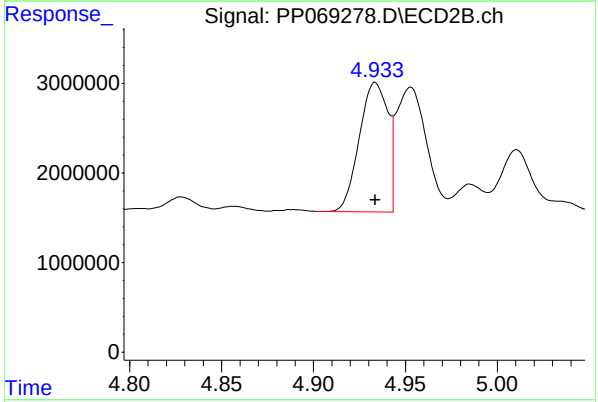
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 71992164
Conc: 70.43 ng/ml



#21 AR-1248-1

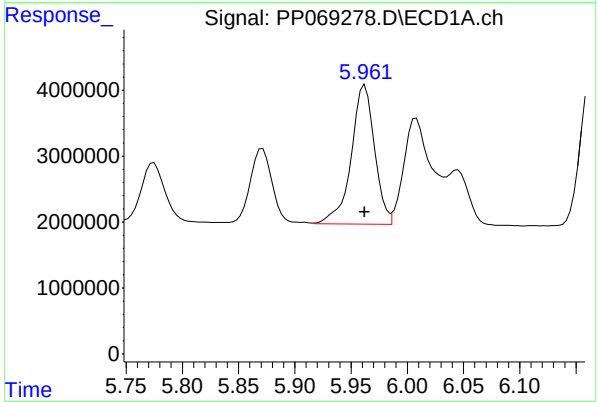
R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 23301477
Conc: 749.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



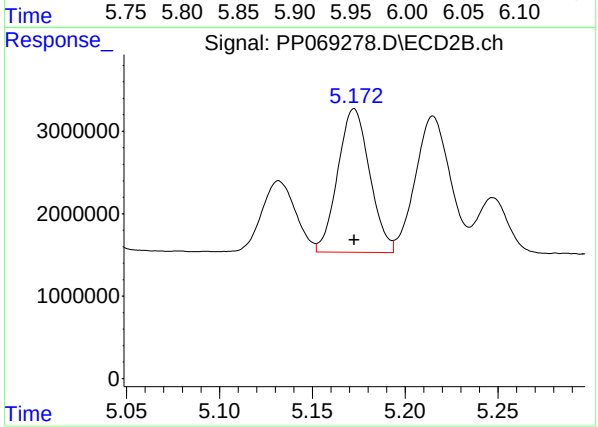
#21 AR-1248-1

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 15640407
Conc: 717.78 ng/ml



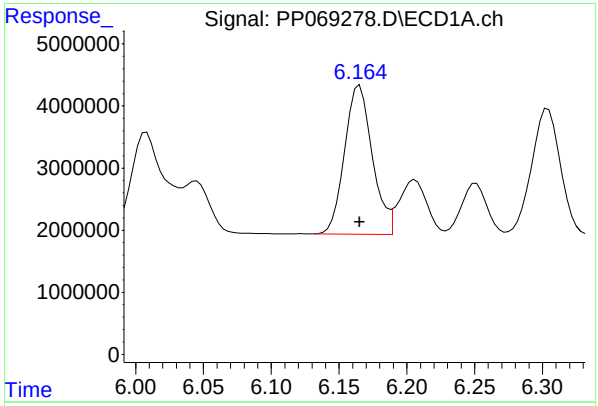
#22 AR-1248-2

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 30590155
Conc: 738.33 ng/ml



#22 AR-1248-2

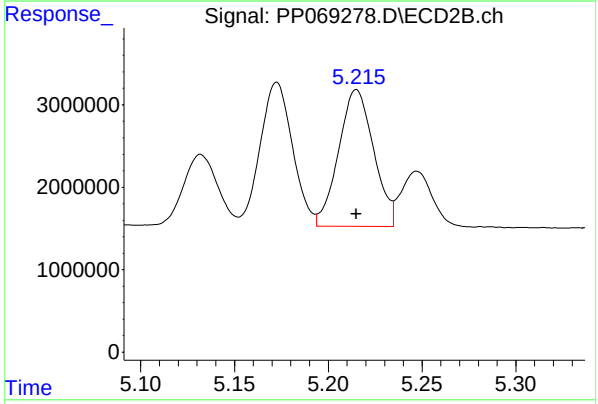
R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 20848478
Conc: 723.49 ng/ml



#23 AR-1248-3

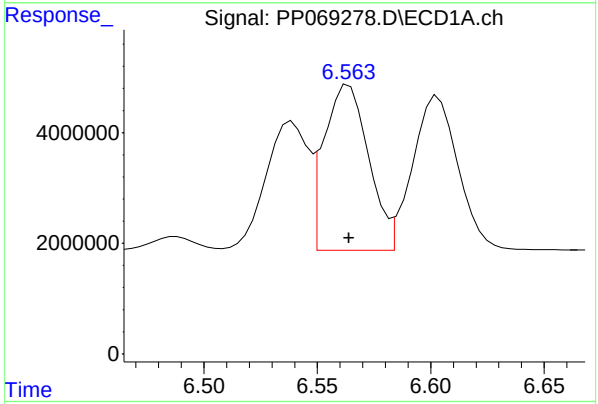
R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 33991113
Conc: 739.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



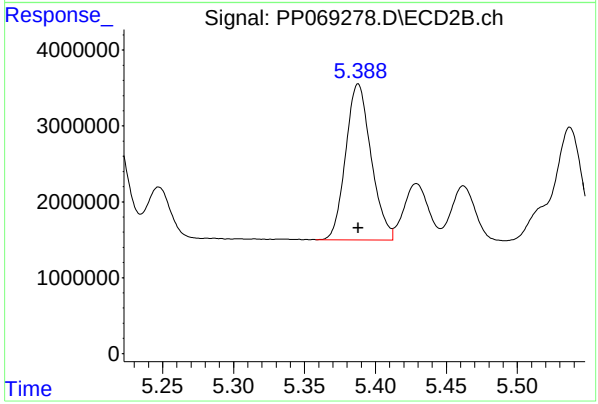
#23 AR-1248-3

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 21573142
Conc: 719.53 ng/ml



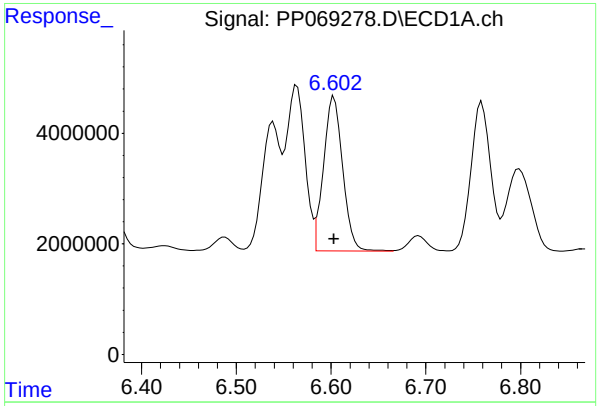
#24 AR-1248-4

R.T.: 6.564 min
Delta R.T.: 0.000 min
Response: 40921037
Conc: 744.15 ng/ml



#24 AR-1248-4

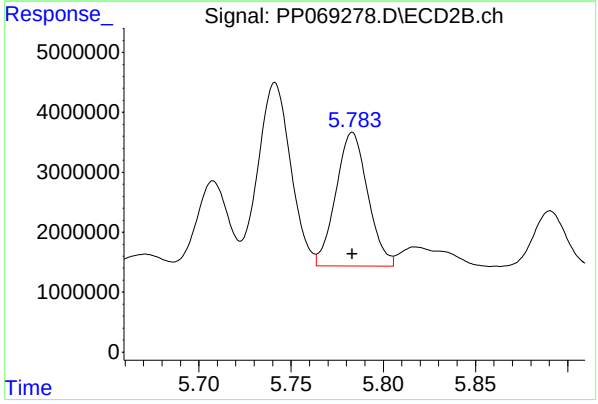
R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 25659920
Conc: 716.77 ng/ml



#25 AR-1248-5

R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 39260909
Conc: 743.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



#25 AR-1248-5

R.T.: 5.783 min
Delta R.T.: 0.000 min
Response: 26856514
Conc: 734.40 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069279.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 13:58
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 14:12:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 14:11:04 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.539	3.841	75663746	48204955	50.000	50.000
2)	SA Decachlor...	10.280	8.912	56417147	56321067	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	5.692	4.934	16248025	11592688	500.000	500.000
22)	L5 AR-1248-2	5.966	5.173	21738491	15163563	500.000	500.000
23)	L5 AR-1248-3	6.168	5.216	24137406	15790400	500.000	500.000
24)	L5 AR-1248-4	6.567	5.388	29024379	18939791	500.000	500.000
25)	L5 AR-1248-5	6.606	5.784	27848887	18917464	500.000	500.000

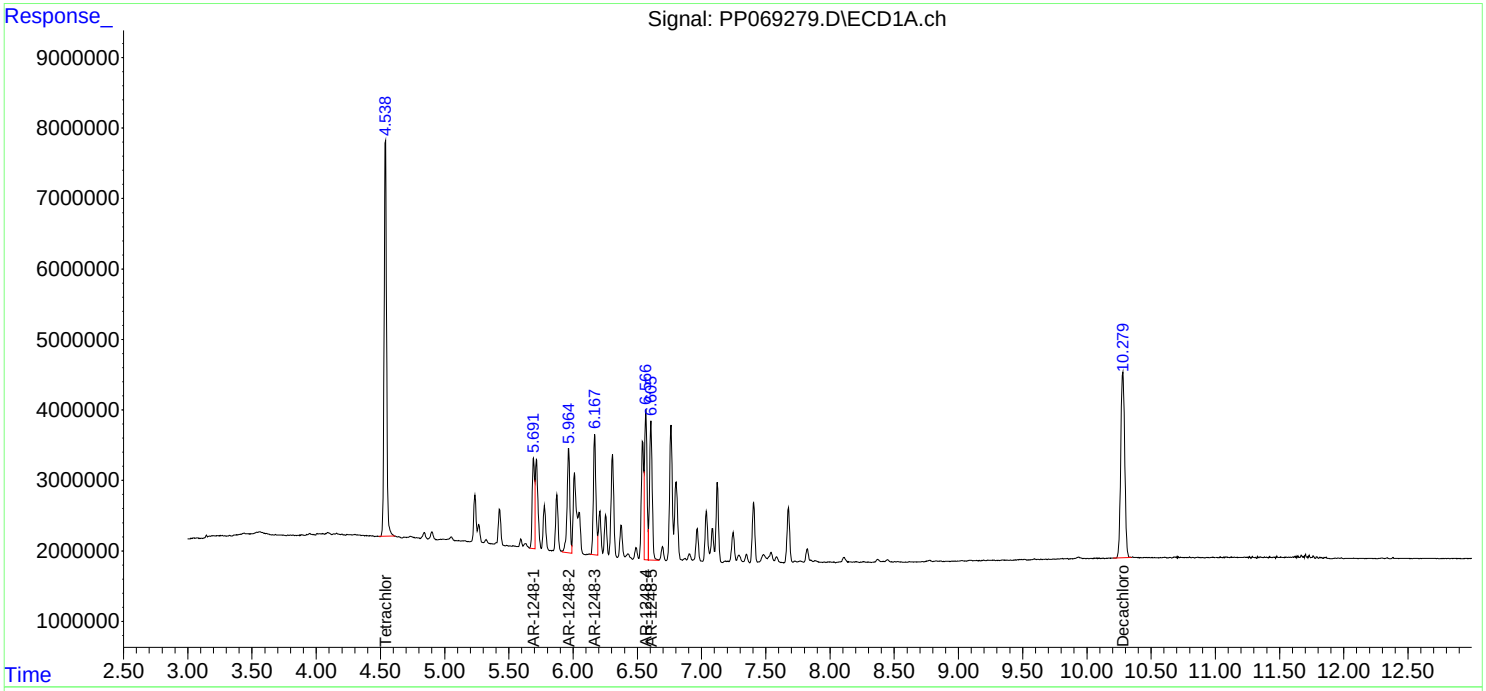
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

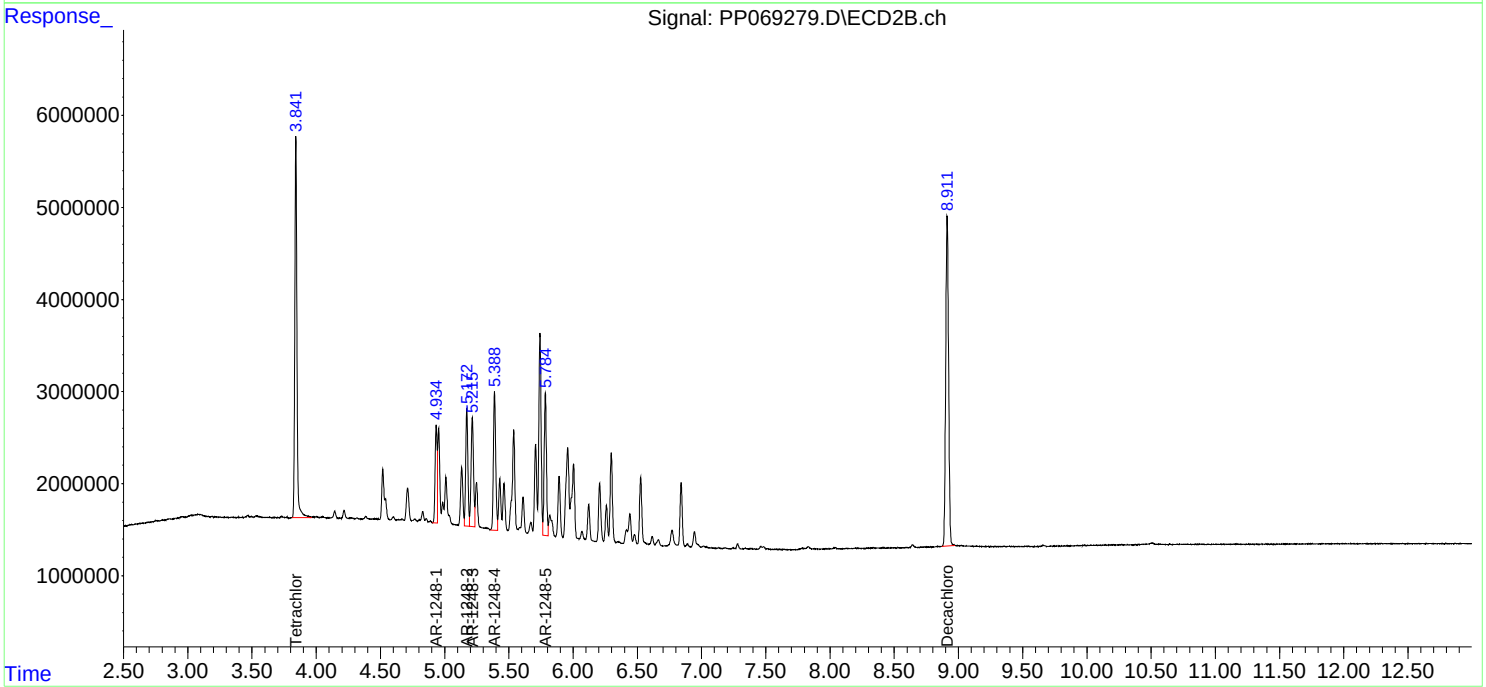
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069279.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 13:58
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

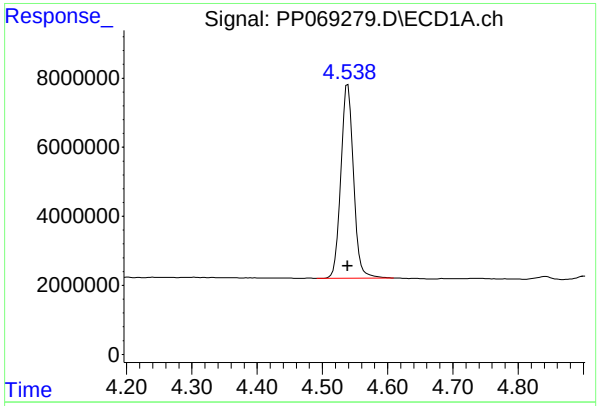
Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 14:12:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 14:11:04 2025
Response via : Initial Calibration
Integrator: ChemStation

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



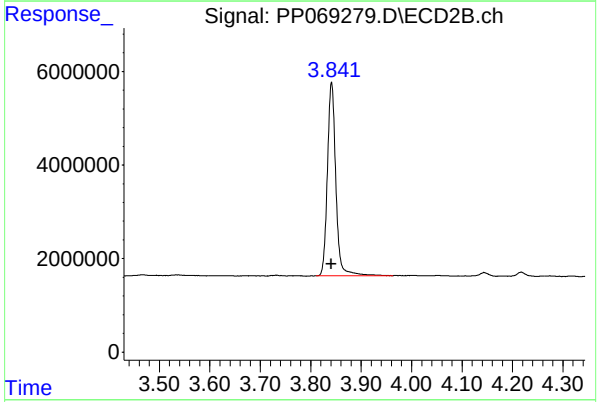




#1 Tetrachloro-m-xylene

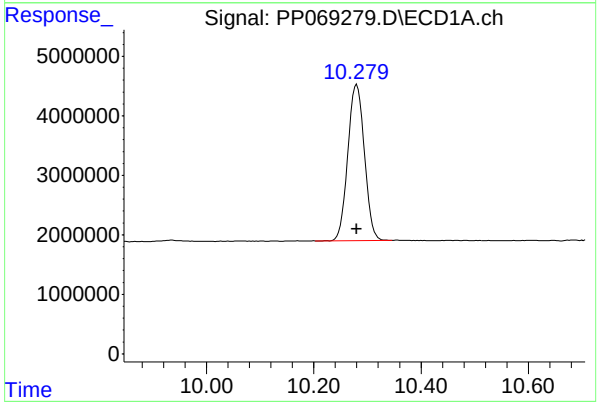
R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 75663746
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



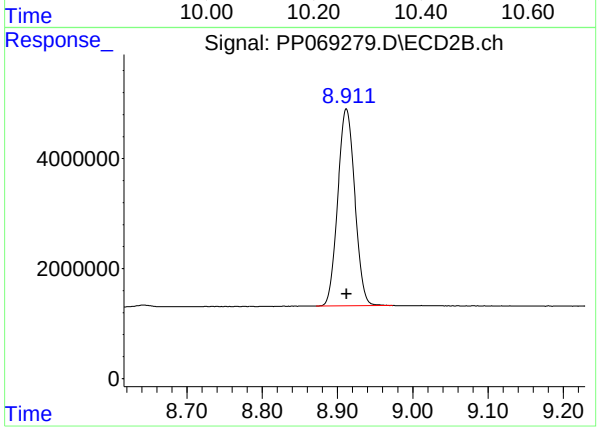
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 48204955
Conc: 50.00 ng/ml



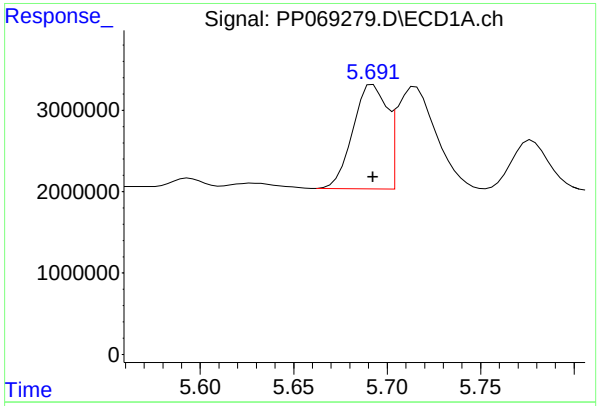
#2 Decachlorobiphenyl

R.T.: 10.280 min
Delta R.T.: 0.000 min
Response: 56417147
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

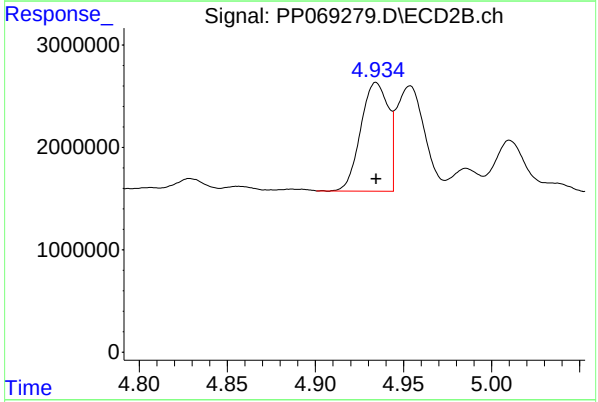
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 56321067
Conc: 50.00 ng/ml



#21 AR-1248-1

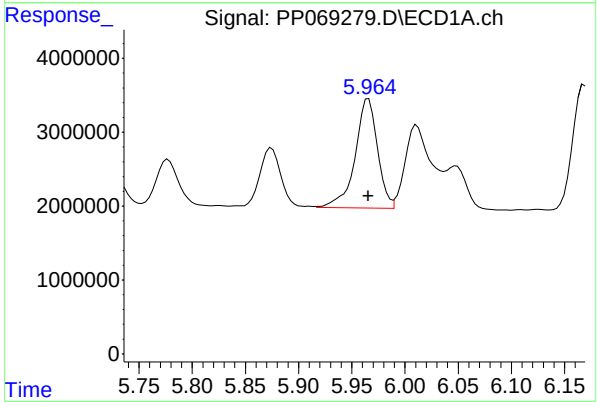
R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 16248025
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



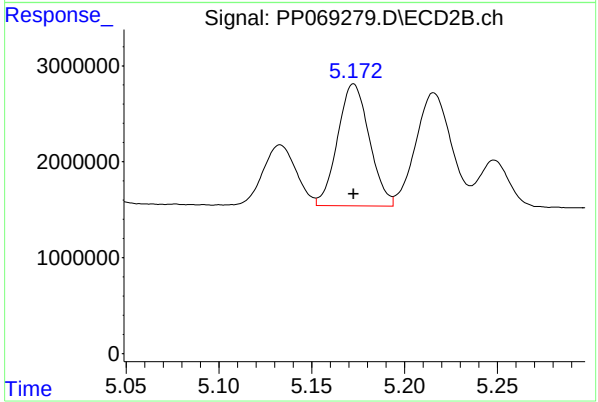
#21 AR-1248-1

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 11592688
Conc: 500.00 ng/ml



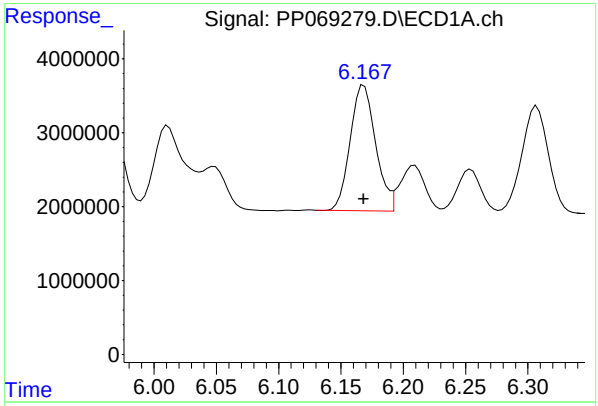
#22 AR-1248-2

R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 21738491
Conc: 500.00 ng/ml



#22 AR-1248-2

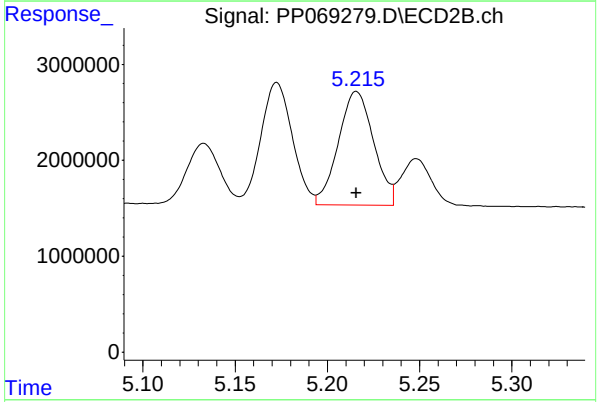
R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 15163563
Conc: 500.00 ng/ml



#23 AR-1248-3

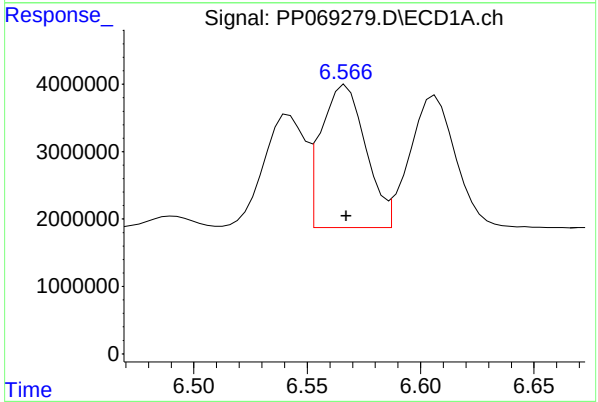
R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 24137406
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



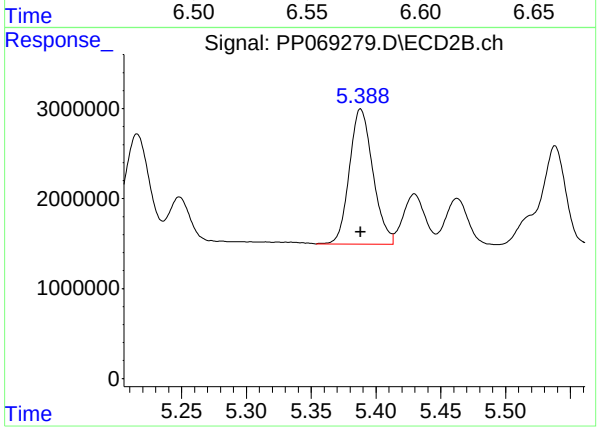
#23 AR-1248-3

R.T.: 5.216 min
Delta R.T.: 0.000 min
Response: 15790400
Conc: 500.00 ng/ml



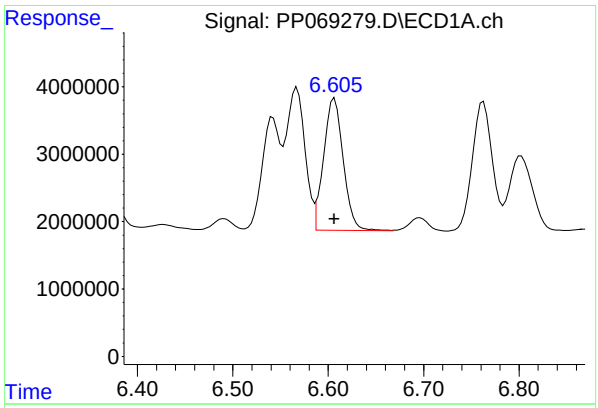
#24 AR-1248-4

R.T.: 6.567 min
Delta R.T.: 0.000 min
Response: 29024379
Conc: 500.00 ng/ml



#24 AR-1248-4

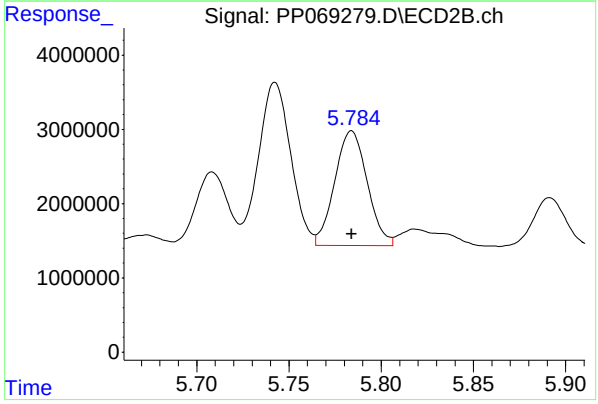
R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 18939791
Conc: 500.00 ng/ml



#25 AR-1248-5

R.T.: 6.606 min
Delta R.T.: 0.000 min
Response: 27848887
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



#25 AR-1248-5

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 18917464
Conc: 500.00 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069280.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 14:15
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 14:47:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 14:47:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.535	3.840	38900473	25359775	26.336	26.416
2)	SA Decachlor...	10.277	8.911	29432874	30058024	26.677	28.164
	Target Compounds						
21)	L5 AR-1248-1	5.689	4.933	9122332	6315546	281.174	278.735
22)	L5 AR-1248-2	5.962	5.171	11494735	8502337	270.029	282.333
23)	L5 AR-1248-3	6.165	5.214	12315718	8710002	263.285	279.197
24)	L5 AR-1248-4	6.562	5.387	14748750	10295186	262.158m	277.163
25)	L5 AR-1248-5	6.602	5.783	14422513	10509480	268.328m	277.028

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069280.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 14:15
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

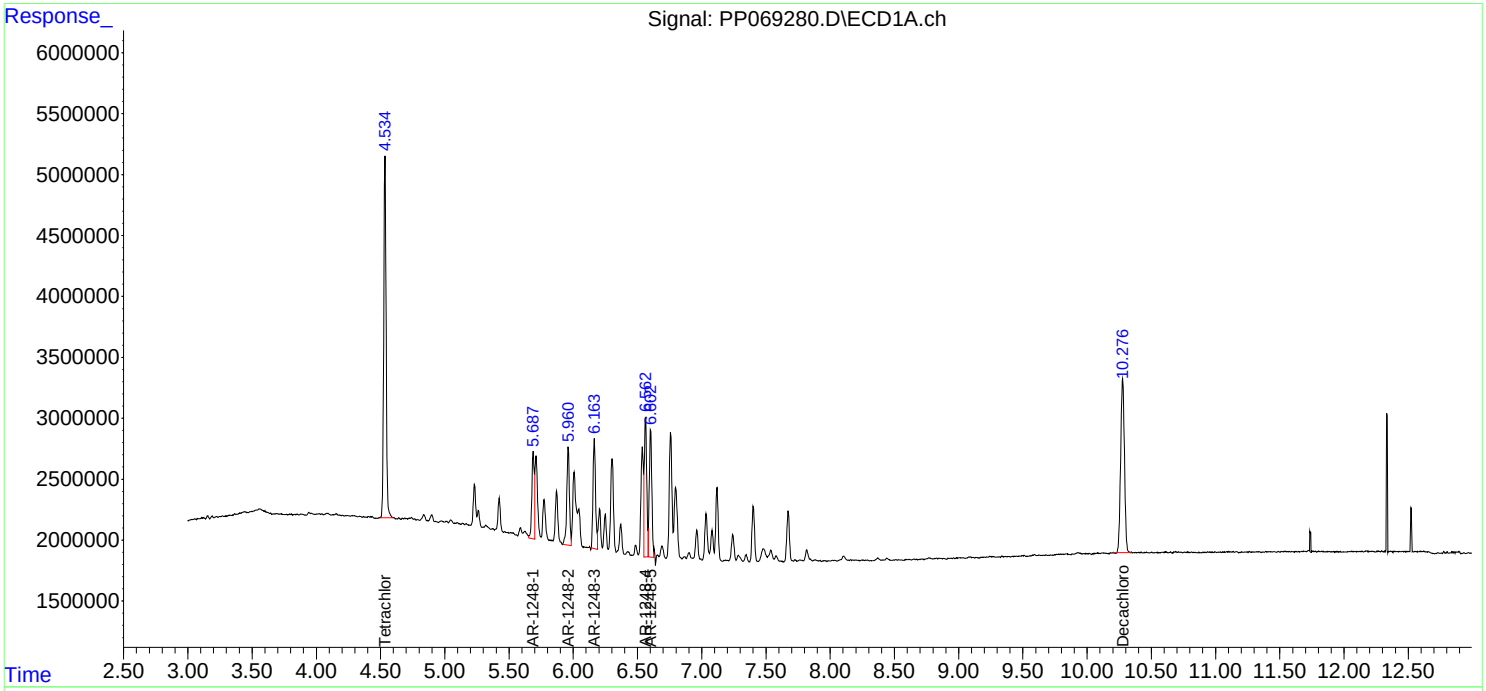
Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

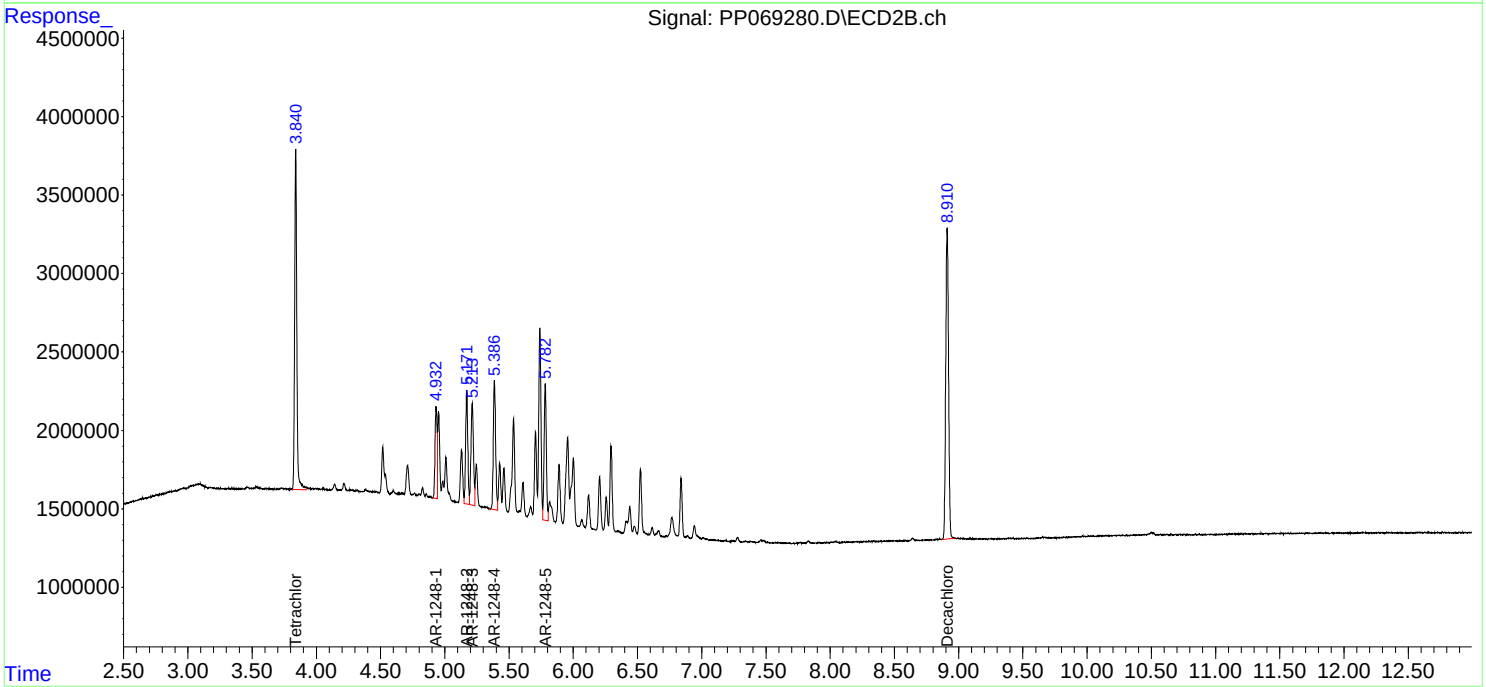
Manual Integrations APPROVED

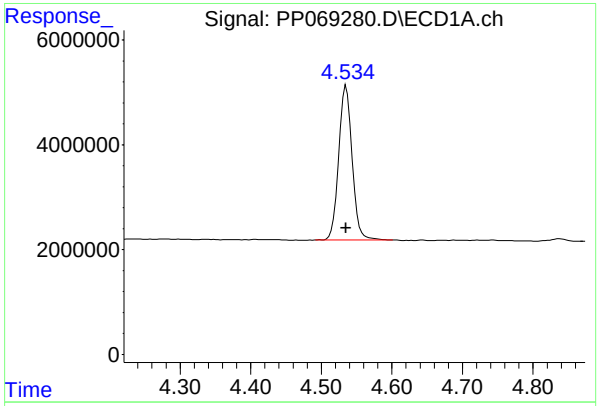
Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 14:47:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 14:47:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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







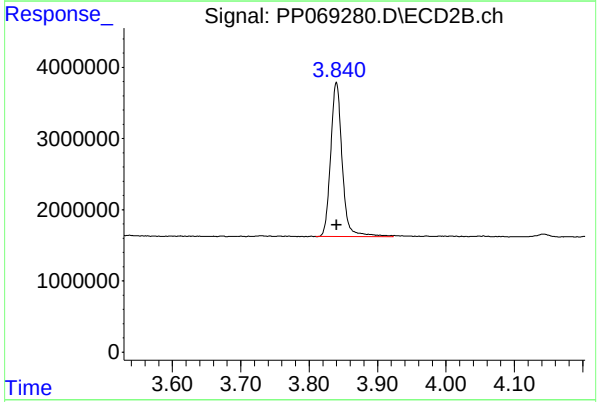
#1 Tetrachloro-m-xylene

R.T.: 4.535 min
Delta R.T.: 0.000 min
Response: 38900473
Conc: 26.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

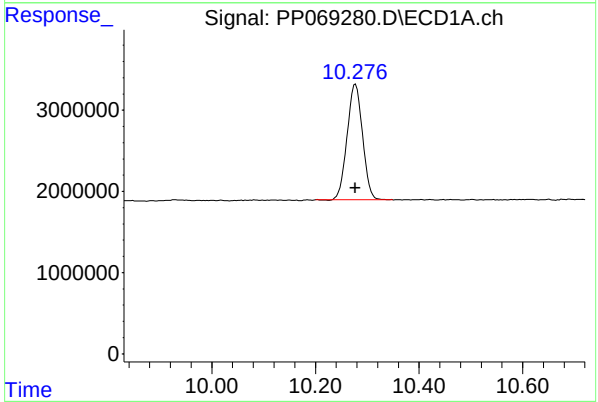
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



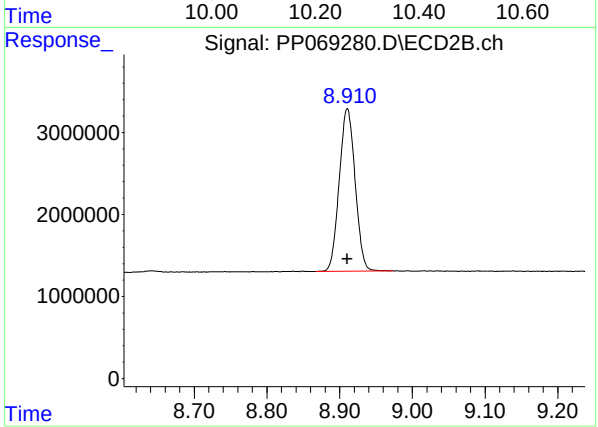
#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 25359775
Conc: 26.42 ng/ml



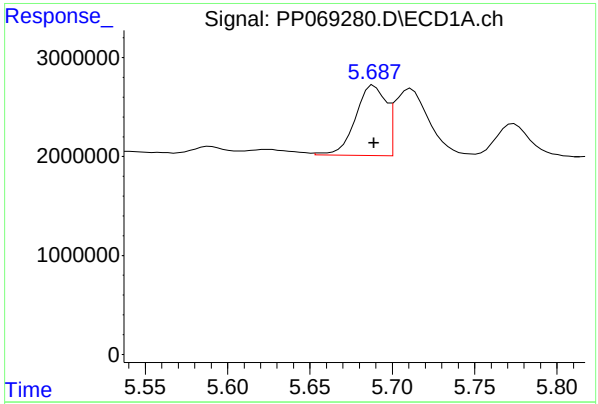
#2 Decachlorobiphenyl

R.T.: 10.277 min
Delta R.T.: 0.000 min
Response: 29432874
Conc: 26.68 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 30058024
Conc: 28.16 ng/ml



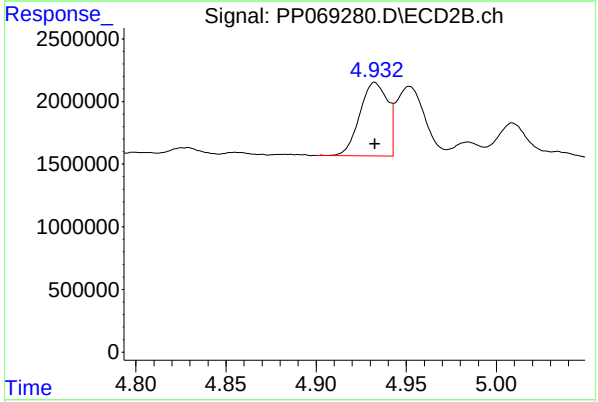
#21 AR-1248-1

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 9122332
Conc: 281.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

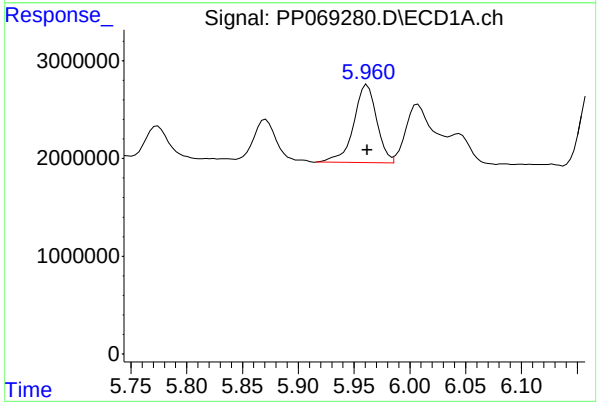
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



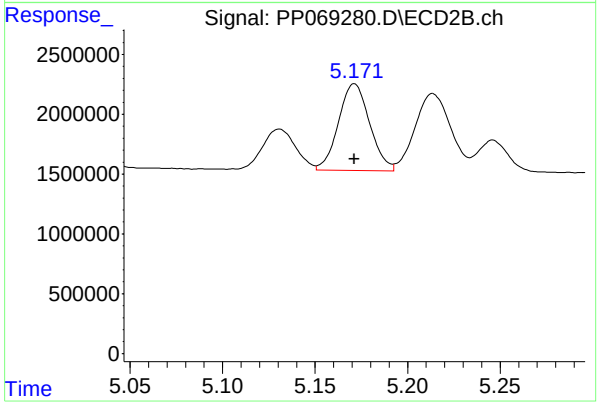
#21 AR-1248-1

R.T.: 4.933 min
Delta R.T.: 0.000 min
Response: 6315546
Conc: 278.73 ng/ml



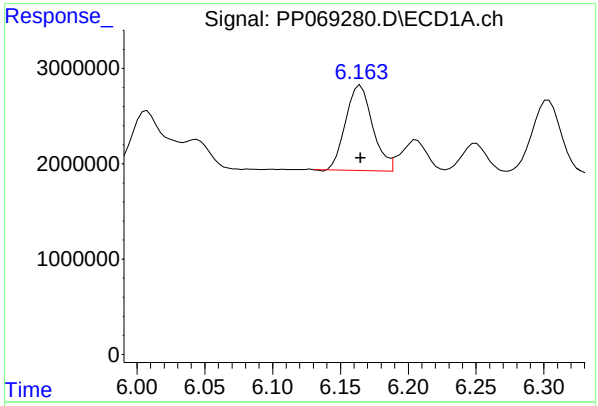
#22 AR-1248-2

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 11494735
Conc: 270.03 ng/ml



#22 AR-1248-2

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 8502337
Conc: 282.33 ng/ml



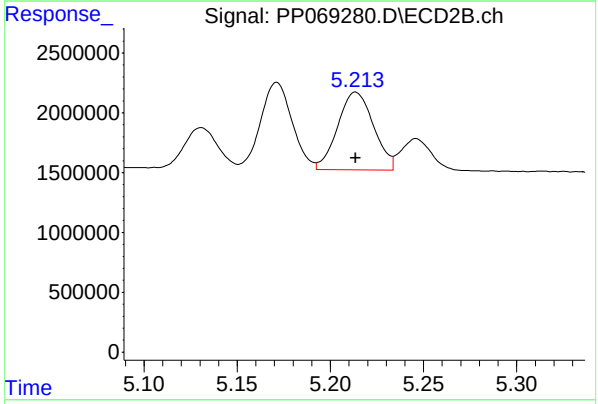
#23 AR-1248-3

R.T.: 6.165 min
Delta R.T.: 0.000 mi
Response: 12315718
Conc: 263.28 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

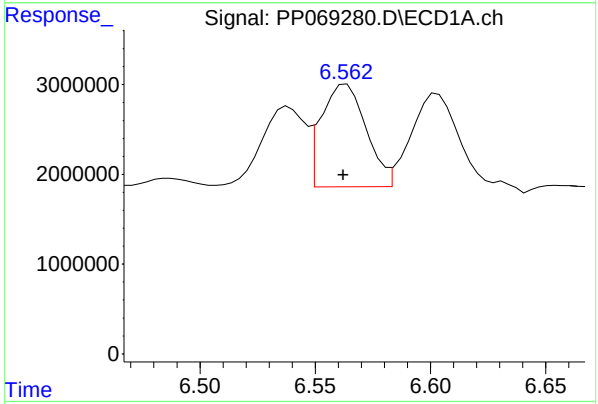
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



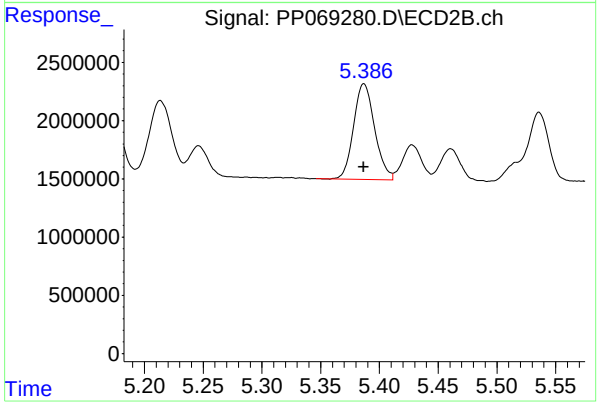
#23 AR-1248-3

R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 8710002
Conc: 279.20 ng/ml



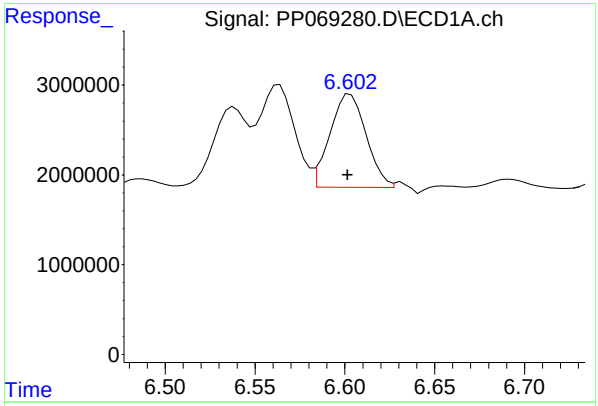
#24 AR-1248-4

R.T.: 6.562 min
Delta R.T.: 0.000 min
Response: 14748750
Conc: 262.16 ng/ml m



#24 AR-1248-4

R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 10295186
Conc: 277.16 ng/ml



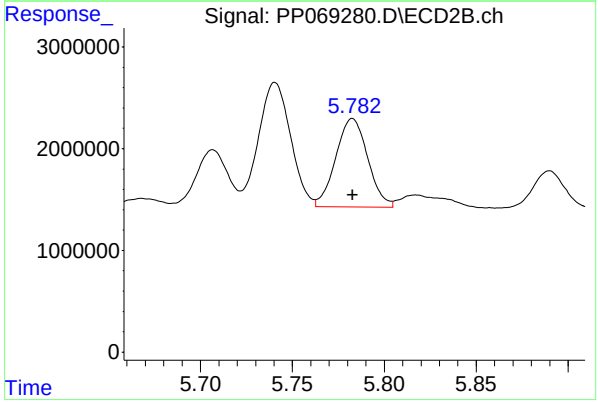
#25 AR-1248-5

R.T.: 6.602 min
Delta R.T.: 0.000 min
Response: 14422513
Conc: 268.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



#25 AR-1248-5

R.T.: 5.783 min
Delta R.T.: 0.000 min
Response: 10509480
Conc: 277.03 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069281.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 14:31
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 14:50:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 14:50:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.536	3.841	6169681	4124462	4.319	4.421
2)	SA Decachlor...	10.278	8.912	5023917	5520243	4.636	5.137
	Target Compounds						
21)	L5 AR-1248-1	5.690	4.934	1621026	971056	49.971	44.118
22)	L5 AR-1248-2	5.963	5.173	2097890	1493224	49.424	49.667
23)	L5 AR-1248-3	6.165	5.215	2391359	1506753	50.894	48.630
24)	L5 AR-1248-4	6.565	5.388	2581995	1806945	46.842	48.911
25)	L5 AR-1248-5	6.604	5.784	2537395	1760053	47.531	47.074

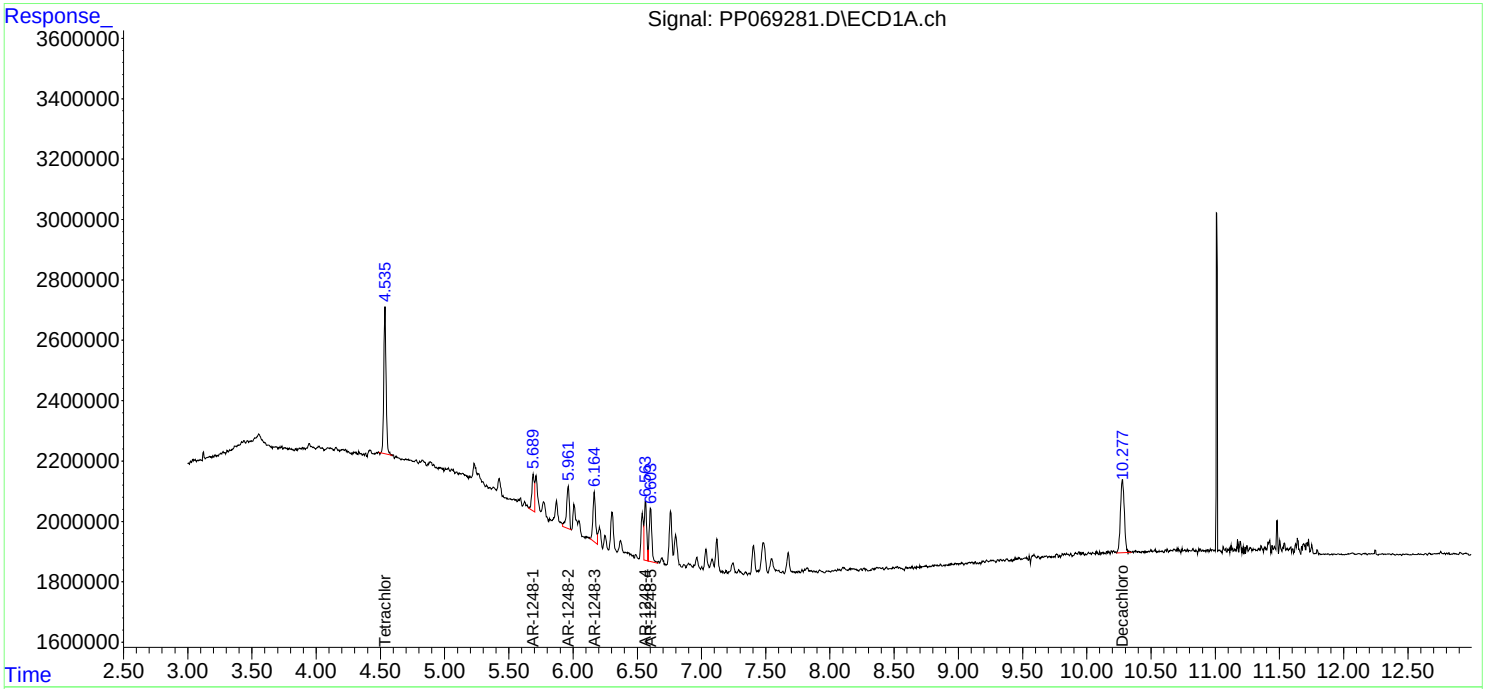
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

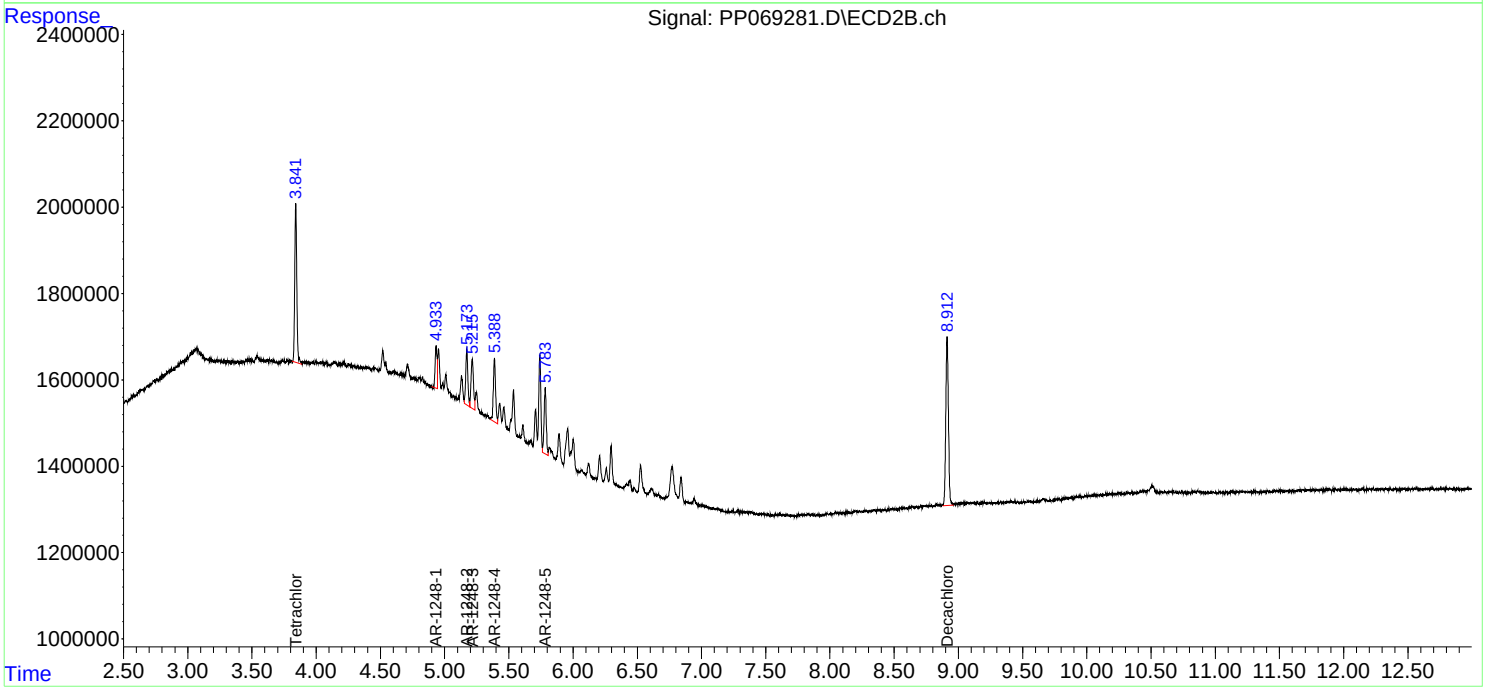
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069281.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 14:31
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

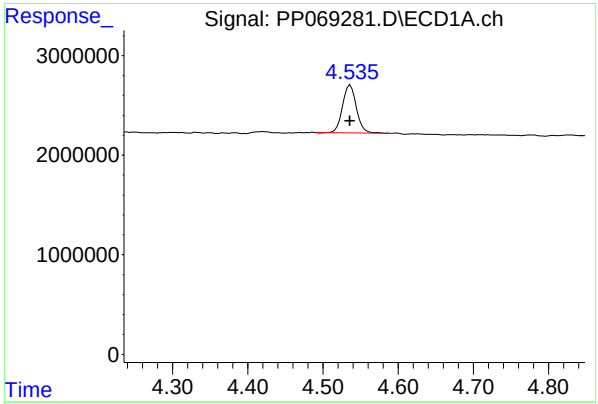
Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 14:50:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 14:50:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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



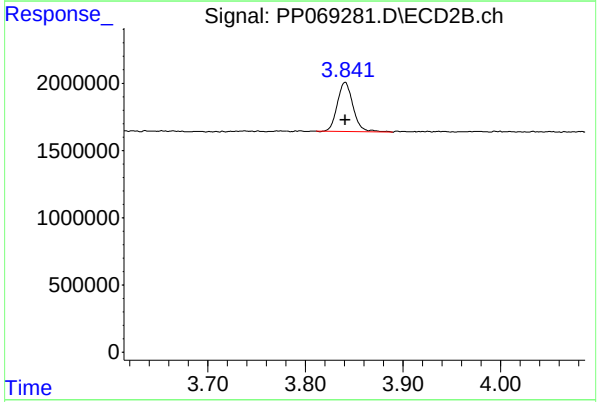




#1 Tetrachloro-m-xylene

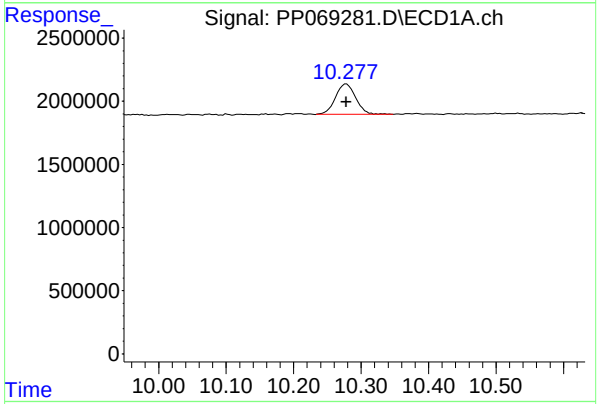
R.T.: 4.536 min
Delta R.T.: 0.000 min
Response: 6169681
Conc: 4.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



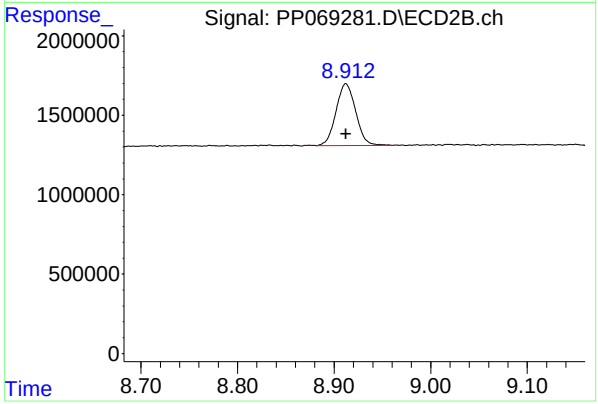
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 4124462
Conc: 4.42 ng/ml



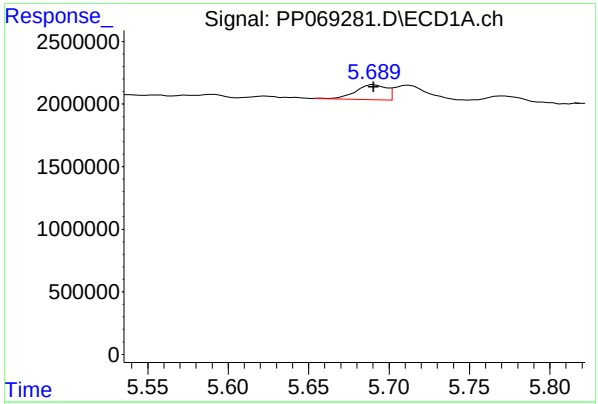
#2 Decachlorobiphenyl

R.T.: 10.278 min
Delta R.T.: 0.000 min
Response: 5023917
Conc: 4.64 ng/ml



#2 Decachlorobiphenyl

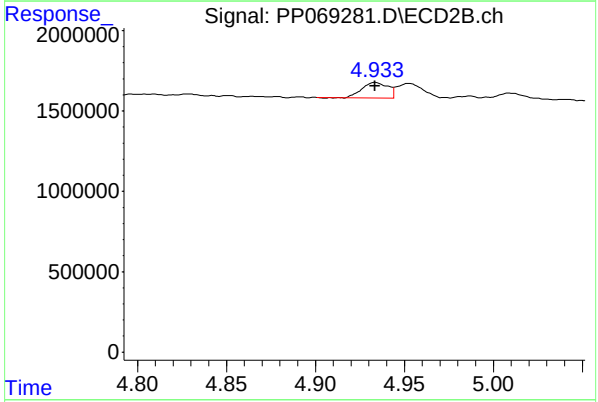
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 5520243
Conc: 5.14 ng/ml



#21 AR-1248-1

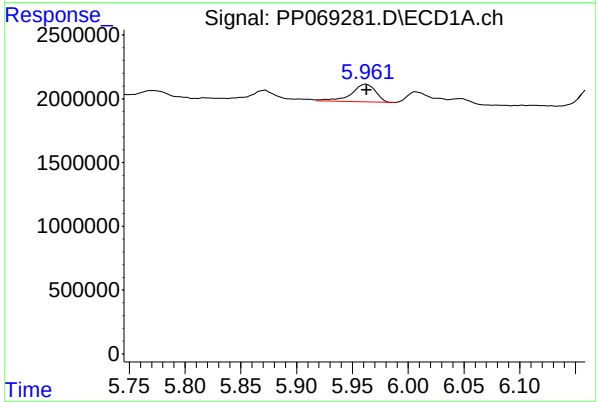
R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 1621026
Conc: 49.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



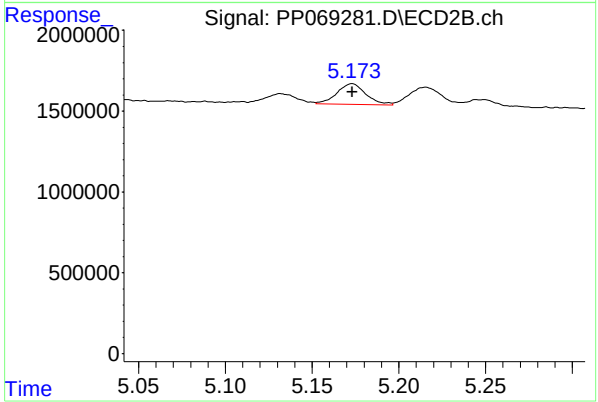
#21 AR-1248-1

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 971056
Conc: 44.12 ng/ml



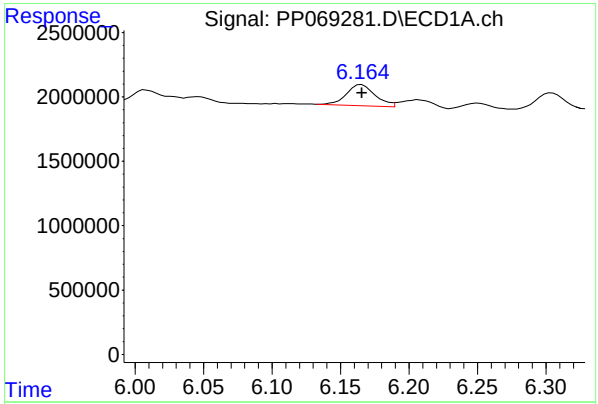
#22 AR-1248-2

R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 2097890
Conc: 49.42 ng/ml



#22 AR-1248-2

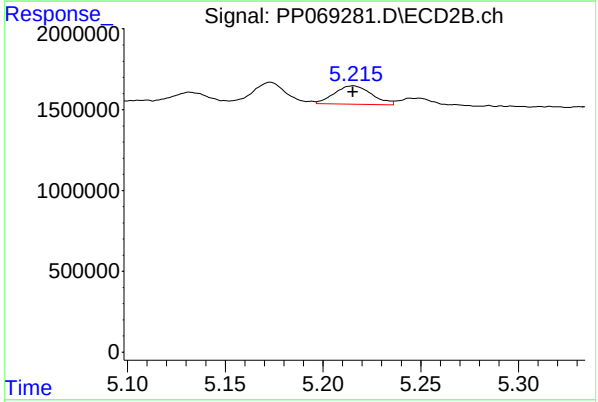
R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 1493224
Conc: 49.67 ng/ml



#23 AR-1248-3

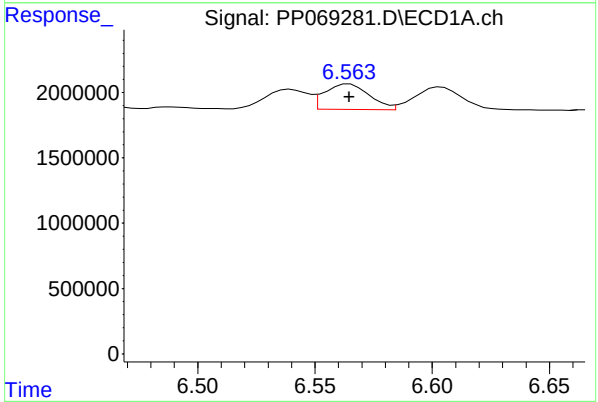
R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 2391359
Conc: 50.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



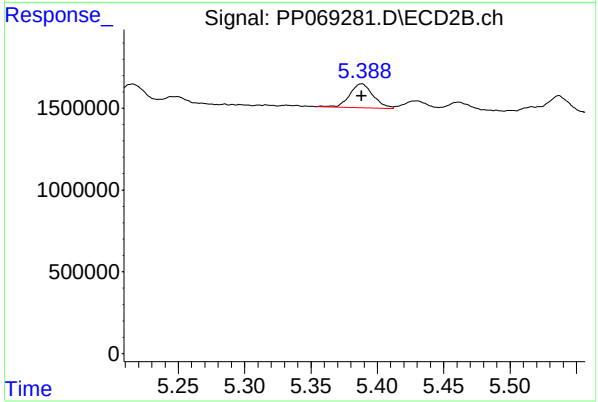
#23 AR-1248-3

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 1506753
Conc: 48.63 ng/ml



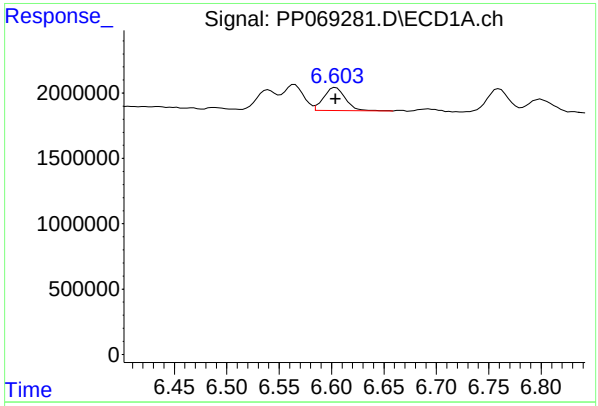
#24 AR-1248-4

R.T.: 6.565 min
Delta R.T.: 0.000 min
Response: 2581995
Conc: 46.84 ng/ml



#24 AR-1248-4

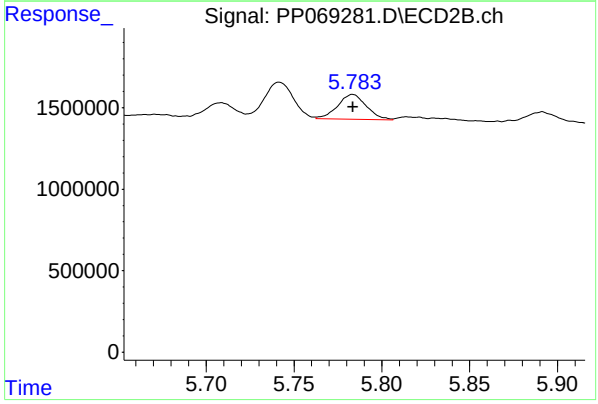
R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 1806945
Conc: 48.91 ng/ml



#25 AR-1248-5

R.T.: 6.604 min
Delta R.T.: 0.000 min
Response: 2537395
Conc: 47.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



#25 AR-1248-5

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 1760053
Conc: 47.07 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069282.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 14:47
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 15:38:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 15:34:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.536	3.840	142.2E6	95200335	97.758	100.728
2)	SA Decachlor...	10.277	8.911	104.8E6	103.5E6	96.026	96.564
	Target Compounds						
26)	L6 AR-1254-1	6.541	5.741	52694329	53877397	969.975	1004.411
27)	L6 AR-1254-2	6.757	5.890	75242428	46864995	965.868	1003.283
28)	L6 AR-1254-3	7.120	6.295	78719981	74986178	962.506	997.668
29)	L6 AR-1254-4	7.403	6.524	63293404	49801197	945.679	999.626
30)	L6 AR-1254-5	7.820	6.943	65136323	65231257	971.069	983.750

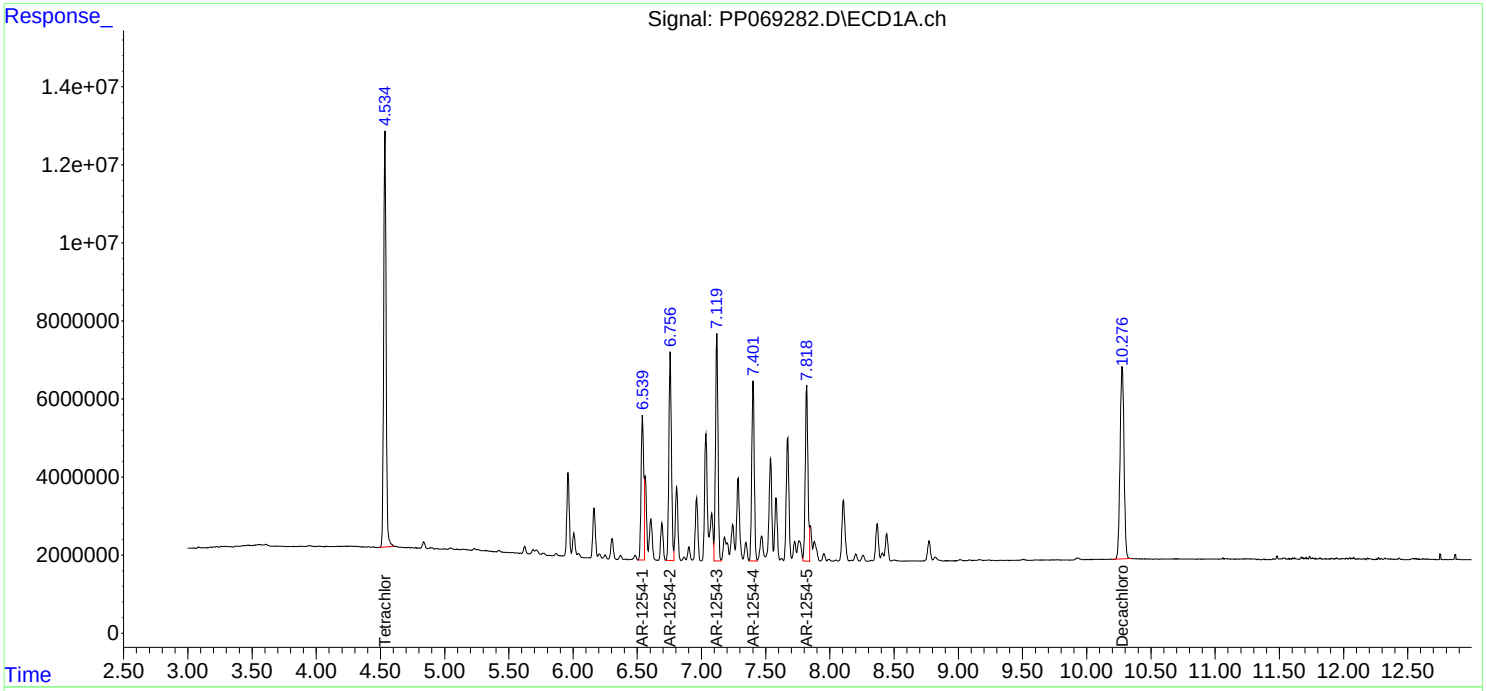
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

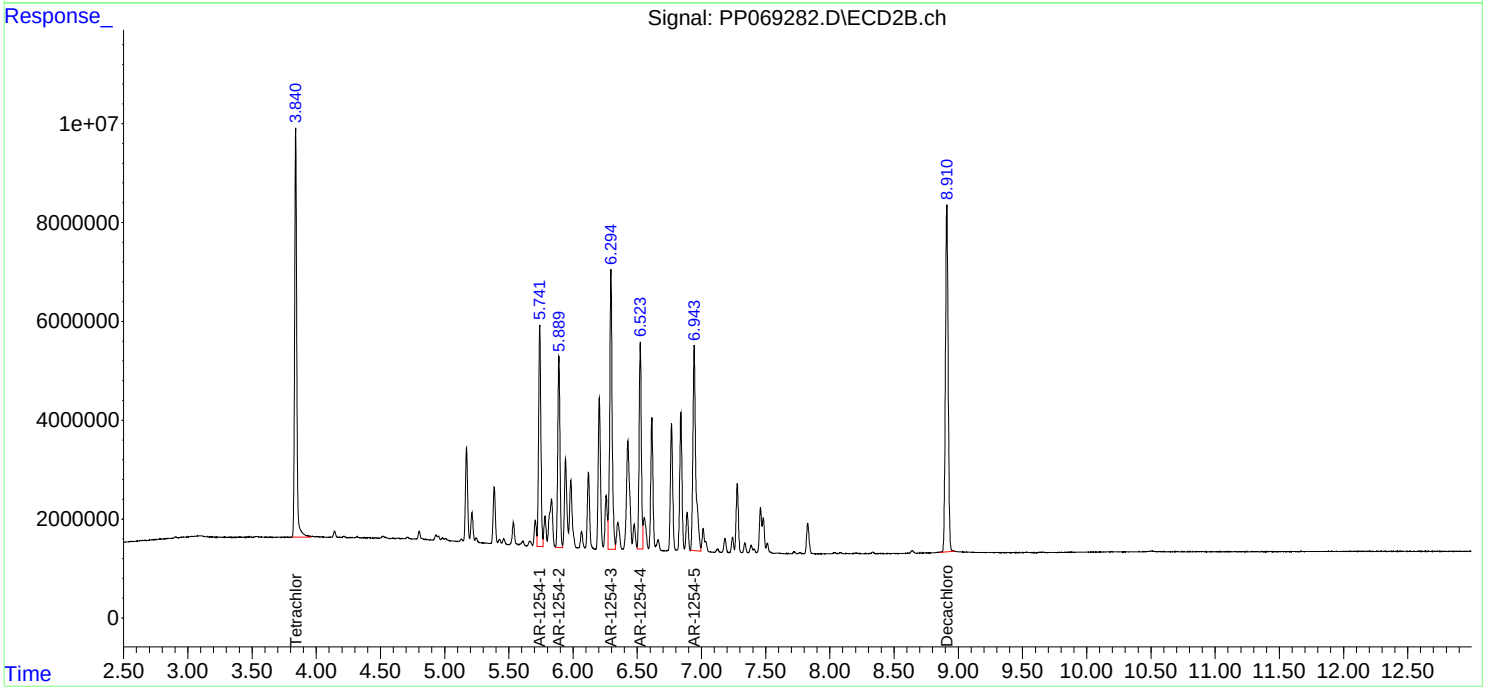
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069282.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 14:47
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

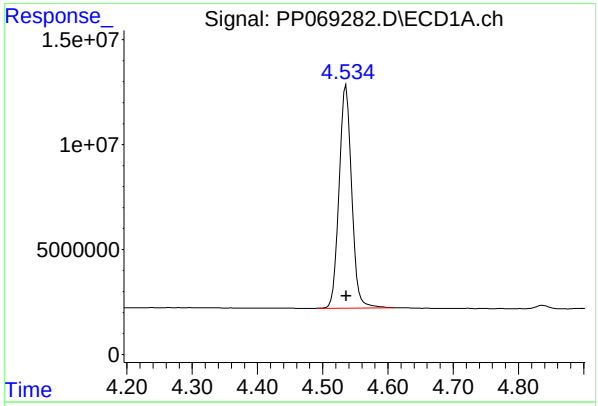
Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 15:38:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 15:34:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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



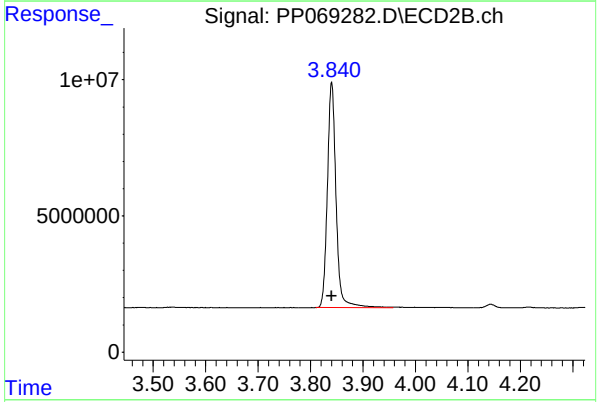




#1 Tetrachloro-m-xylene

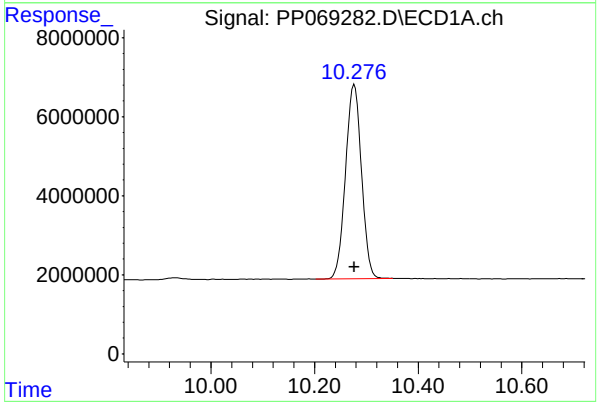
R.T.: 4.536 min
Delta R.T.: 0.000 min
Response: 142181041
Conc: 97.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



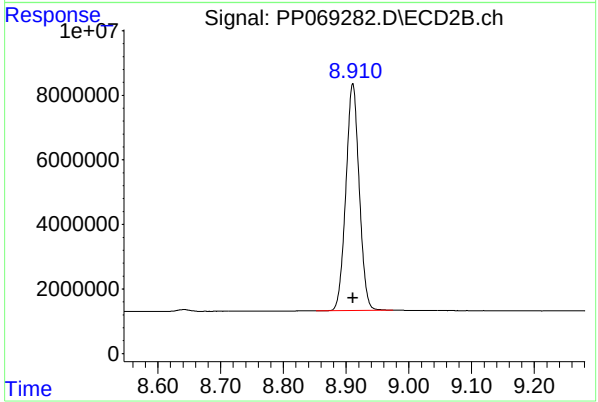
#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 95200335
Conc: 100.73 ng/ml



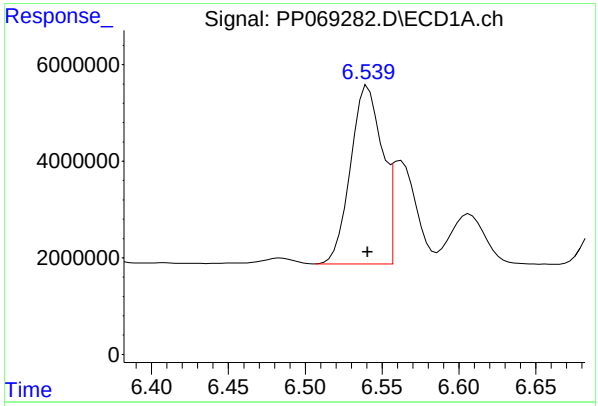
#2 Decachlorobiphenyl

R.T.: 10.277 min
Delta R.T.: 0.000 min
Response: 104831277
Conc: 96.03 ng/ml



#2 Decachlorobiphenyl

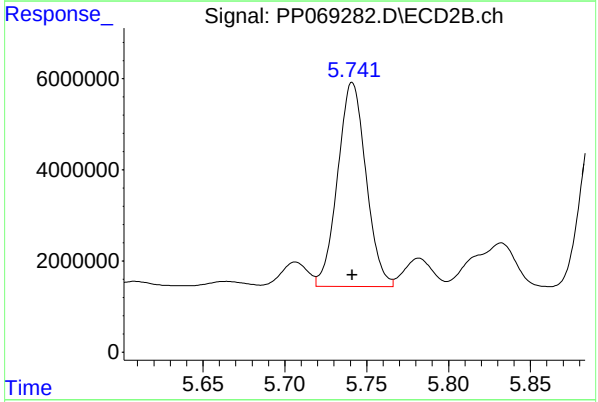
R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 103519921
Conc: 96.56 ng/ml



#26 AR-1254-1

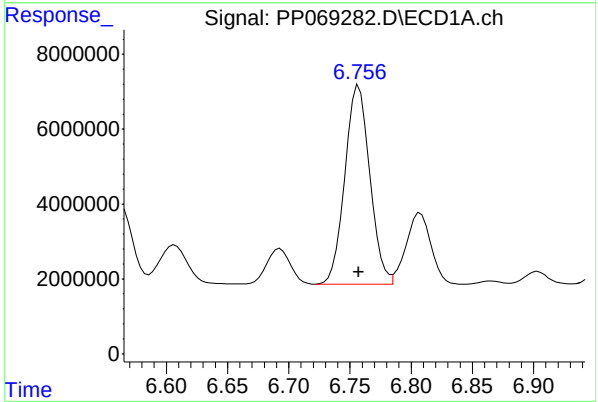
R.T.: 6.541 min
Delta R.T.: 0.000 min
Response: 52694329
Conc: 969.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



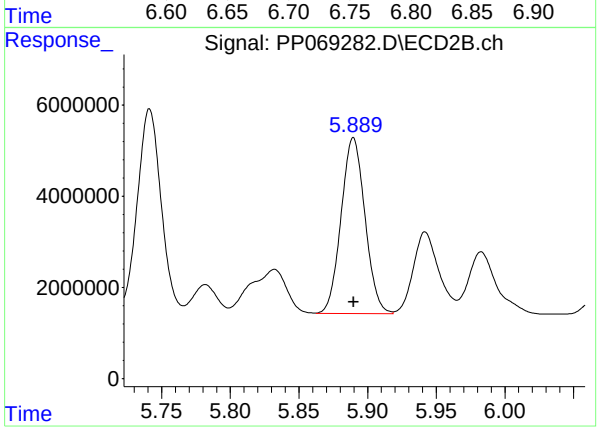
#26 AR-1254-1

R.T.: 5.741 min
Delta R.T.: 0.000 min
Response: 53877397
Conc: 1004.41 ng/ml



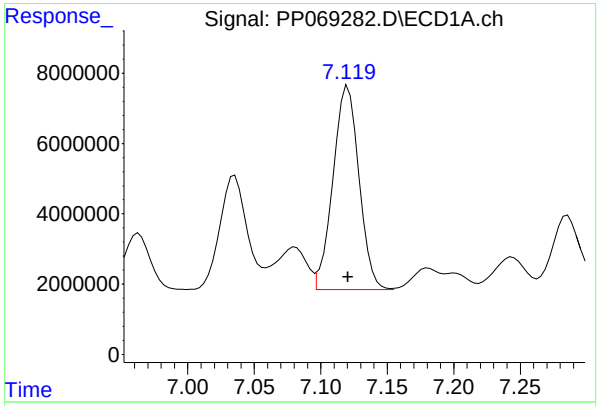
#27 AR-1254-2

R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 75242428
Conc: 965.87 ng/ml



#27 AR-1254-2

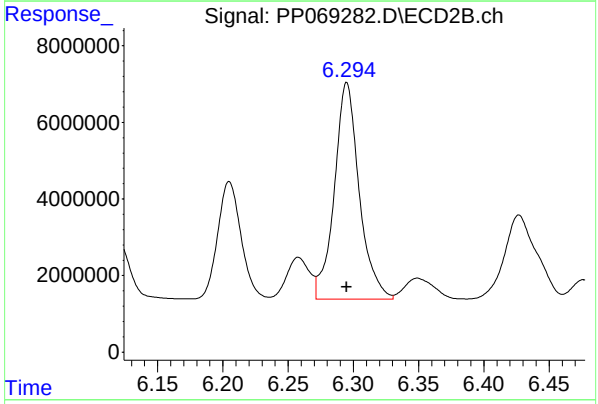
R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 46864995
Conc: 1003.28 ng/ml



#28 AR-1254-3

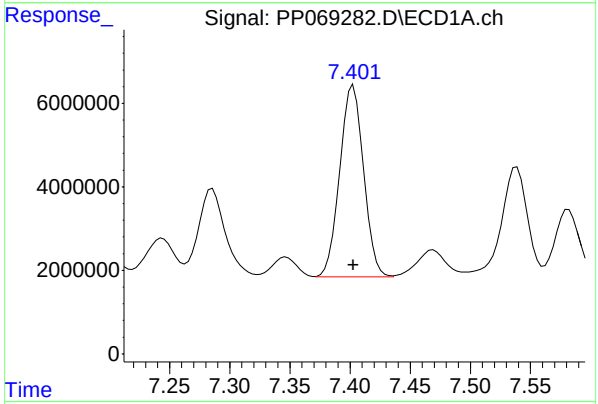
R.T.: 7.120 min
Delta R.T.: 0.000 min
Response: 78719981
Conc: 962.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



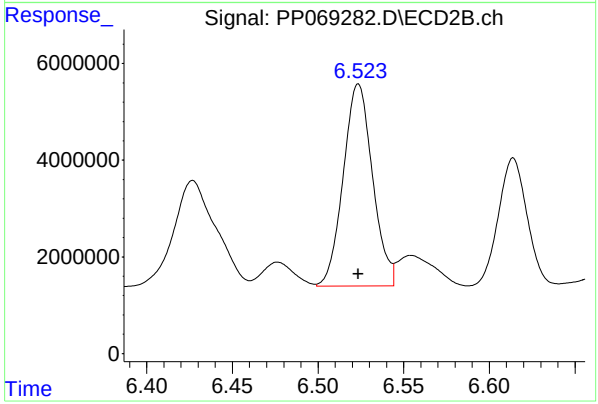
#28 AR-1254-3

R.T.: 6.295 min
Delta R.T.: 0.000 min
Response: 74986178
Conc: 997.67 ng/ml



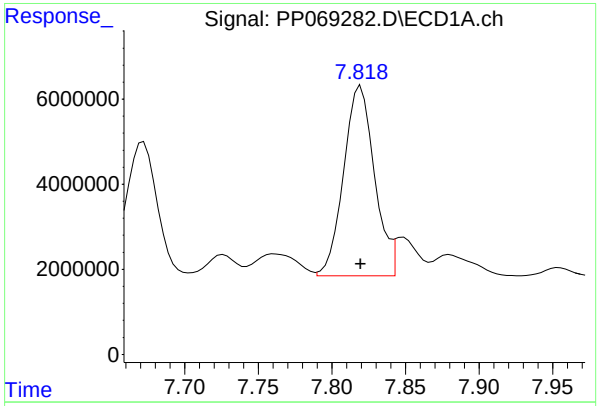
#29 AR-1254-4

R.T.: 7.403 min
Delta R.T.: 0.000 min
Response: 63293404
Conc: 945.68 ng/ml



#29 AR-1254-4

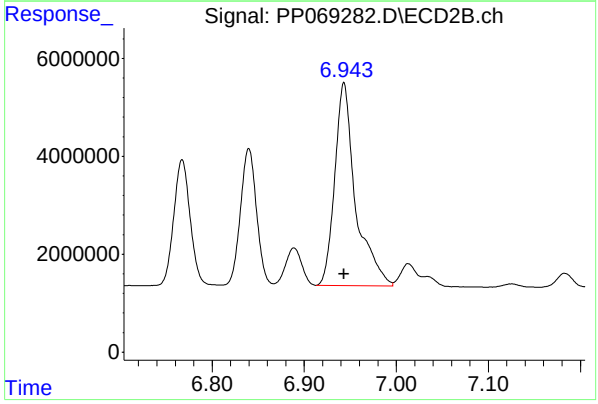
R.T.: 6.524 min
Delta R.T.: 0.000 min
Response: 49801197
Conc: 999.63 ng/ml



#30 AR-1254-5

R.T.: 7.820 min
Delta R.T.: 0.000 min
Response: 65136323
Conc: 971.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



#30 AR-1254-5

R.T.: 6.943 min
Delta R.T.: 0.000 min
Response: 65231257
Conc: 983.75 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069283.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 15:04
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 15:41:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 15:34:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.539	3.841	111.7E6	72162165	76.169	75.896
2)	SA Decachlor...	10.279	8.912	82401911	85497248	75.320	78.103
	Target Compounds						
26)	L6 AR-1254-1	6.544	5.743	42092792	41065443	766.370	760.304
27)	L6 AR-1254-2	6.761	5.891	60091044	35579285	764.115	757.746
28)	L6 AR-1254-3	7.123	6.297	62798989	55893880	761.800	745.755
29)	L6 AR-1254-4	7.406	6.525	50760334	37484466	755.593	751.598
30)	L6 AR-1254-5	7.823	6.945	50923574	50002042	756.096	752.714

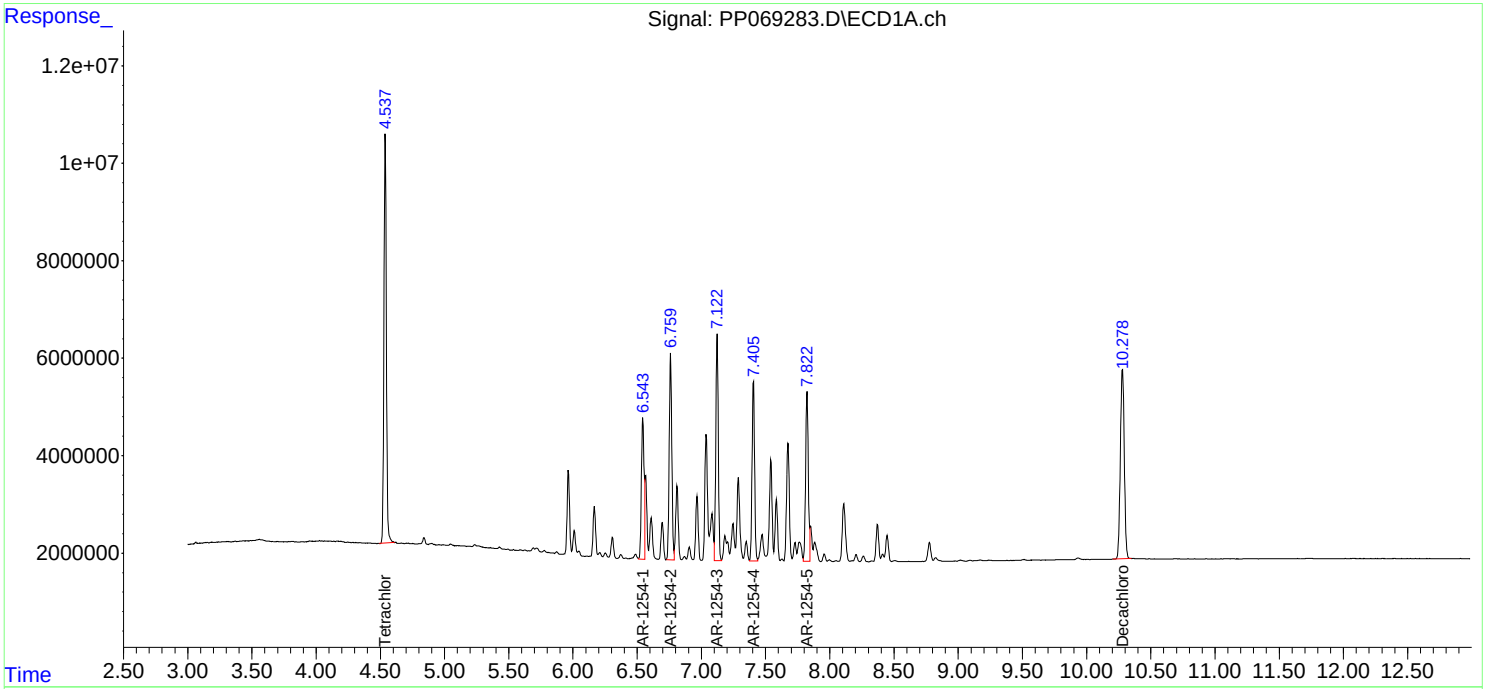
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

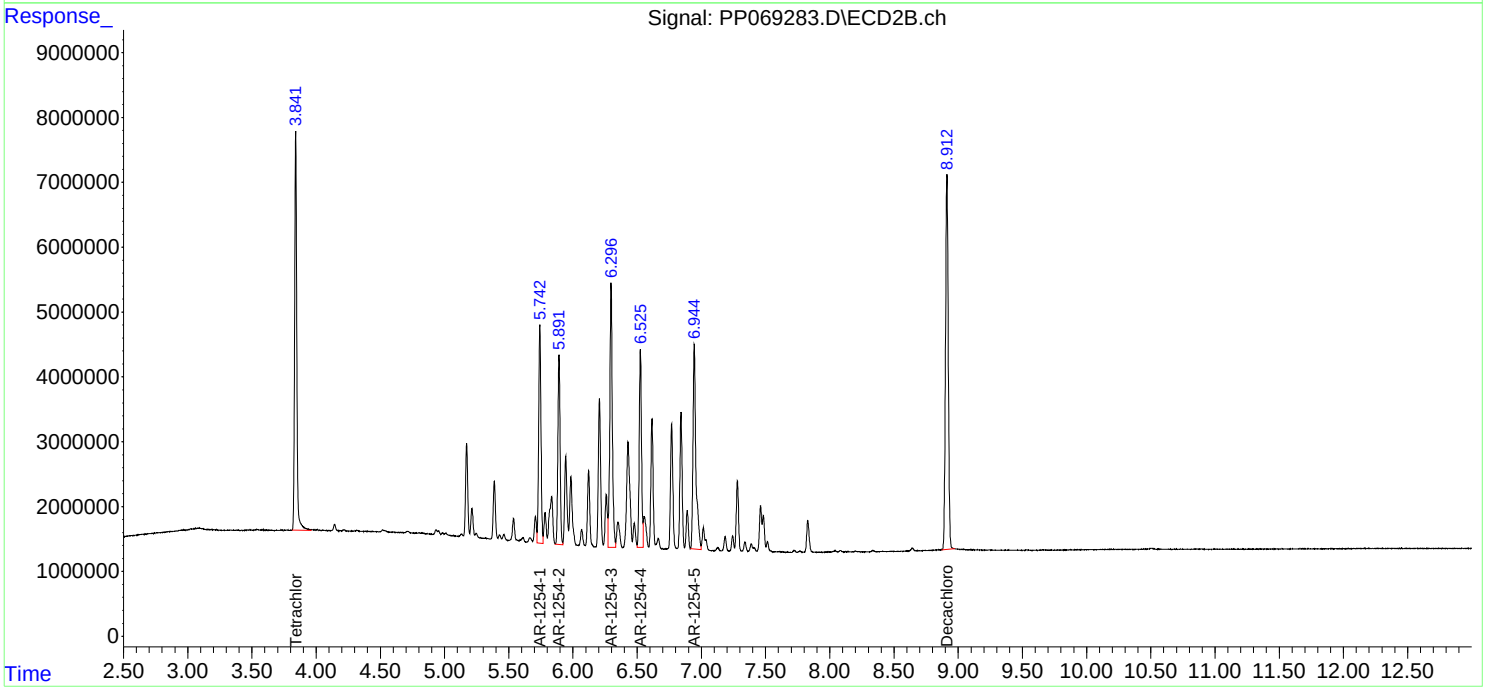
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069283.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 15:04
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

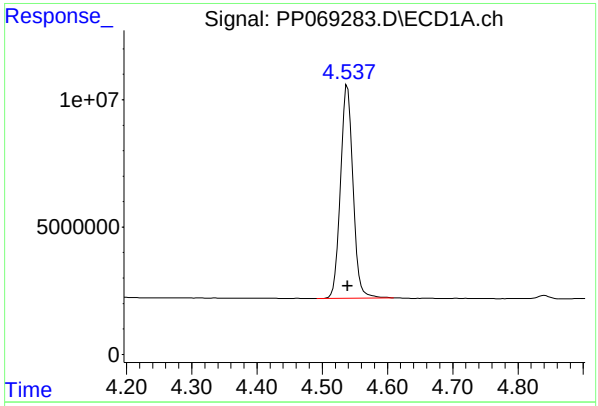
Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 15:41:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 15:34:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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



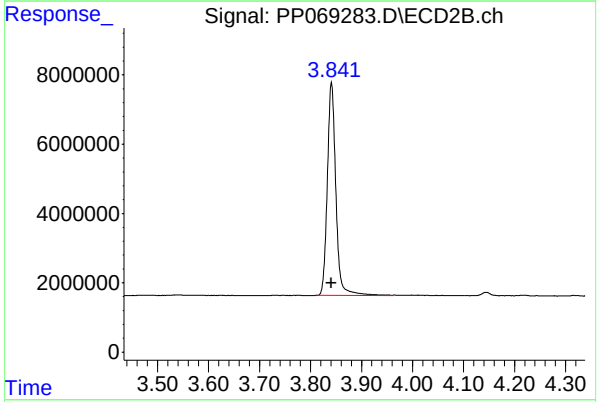




#1 Tetrachloro-m-xylene

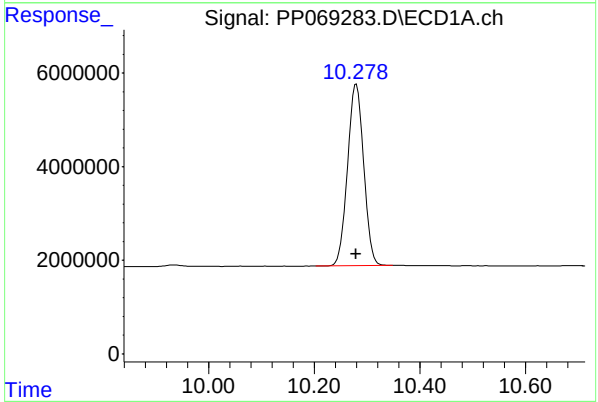
R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 111652386
Conc: 76.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



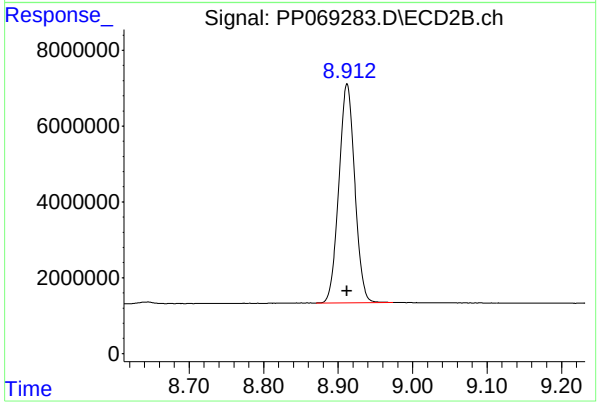
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 72162165
Conc: 75.90 ng/ml



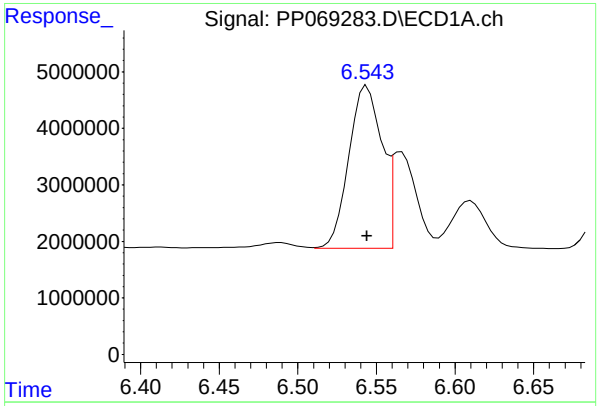
#2 Decachlorobiphenyl

R.T.: 10.279 min
Delta R.T.: 0.000 min
Response: 82401911
Conc: 75.32 ng/ml



#2 Decachlorobiphenyl

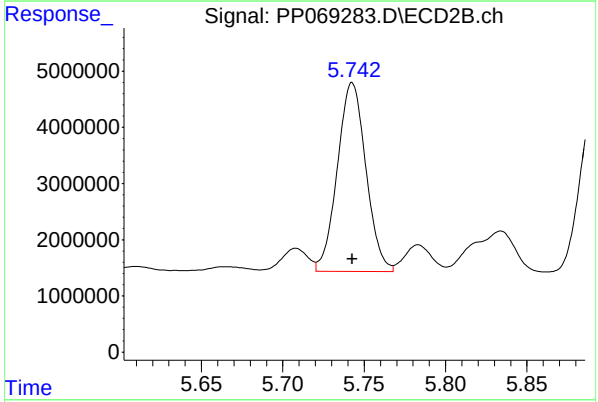
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 85497248
Conc: 78.10 ng/ml



#26 AR-1254-1

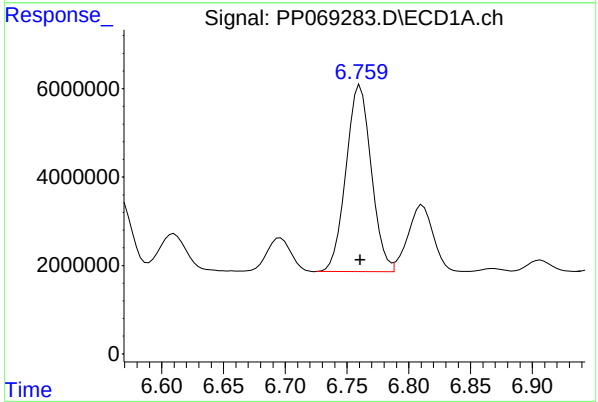
R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 42092792
Conc: 766.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



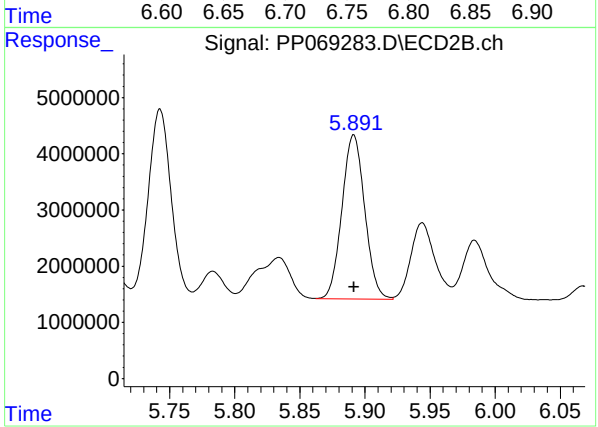
#26 AR-1254-1

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 41065443
Conc: 760.30 ng/ml



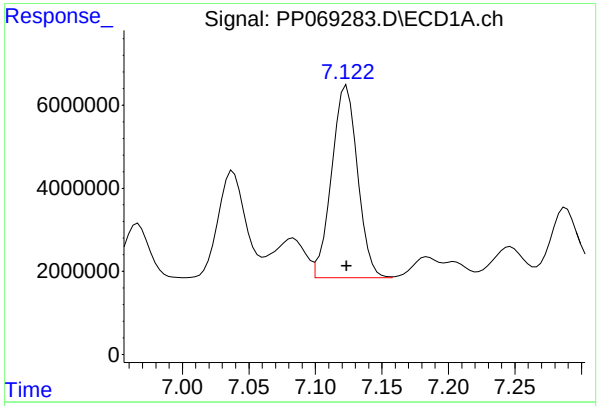
#27 AR-1254-2

R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 60091044
Conc: 764.12 ng/ml



#27 AR-1254-2

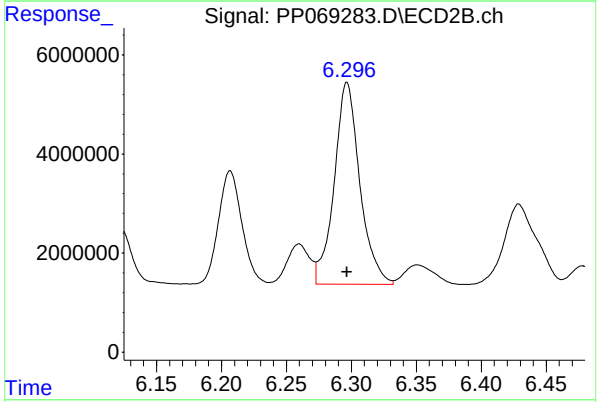
R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 35579285
Conc: 757.75 ng/ml



#28 AR-1254-3

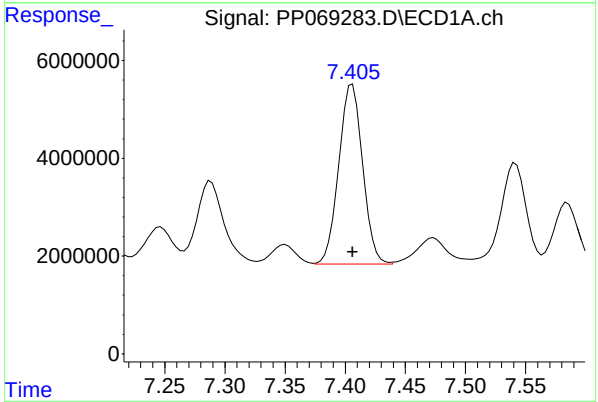
R.T.: 7.123 min
Delta R.T.: 0.000 min
Response: 62798989
Conc: 761.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



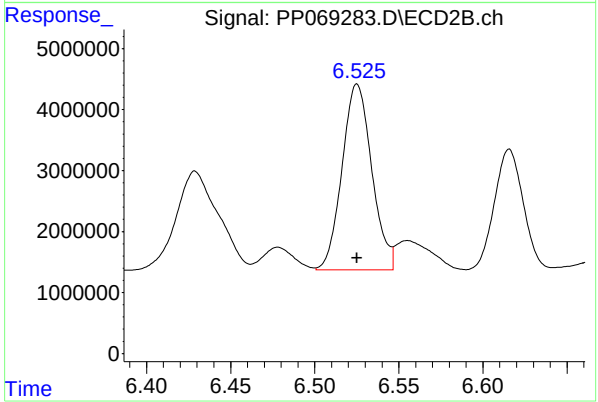
#28 AR-1254-3

R.T.: 6.297 min
Delta R.T.: 0.000 min
Response: 55893880
Conc: 745.76 ng/ml



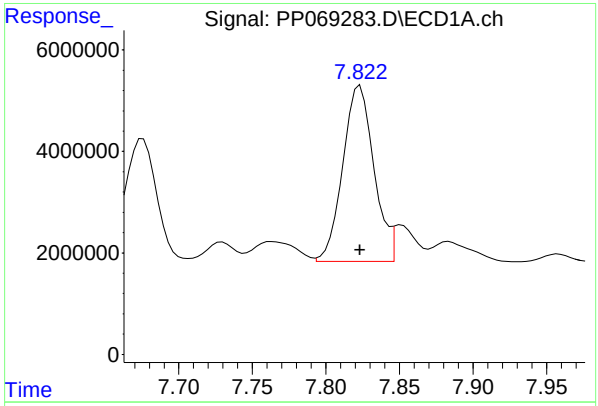
#29 AR-1254-4

R.T.: 7.406 min
Delta R.T.: 0.000 min
Response: 50760334
Conc: 755.59 ng/ml



#29 AR-1254-4

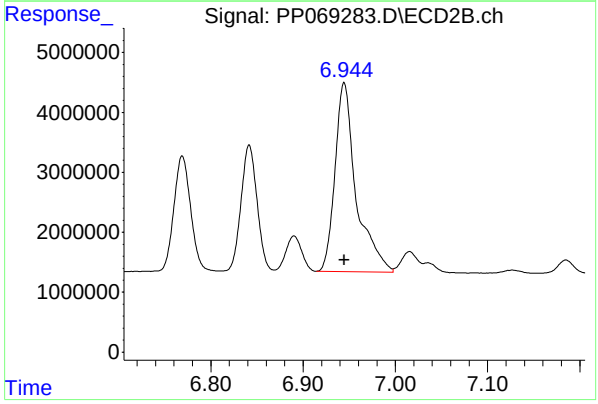
R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 37484466
Conc: 751.60 ng/ml



#30 AR-1254-5

R.T.: 7.823 min
Delta R.T.: 0.000 min
Response: 50923574
Conc: 756.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



#30 AR-1254-5

R.T.: 6.945 min
Delta R.T.: 0.000 min
Response: 50002042
Conc: 752.71 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069284.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 15:20
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 15:36:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 15:34:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.534	3.840	74350956	46911824	50.000	50.000
2)	SA Decachlor...	10.275	8.909	56754140	55443280	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	6.539	5.742	27978290	26702115	500.000	500.000
27)	L6 AR-1254-2	6.756	5.890	40280132	23279150	500.000	500.000
28)	L6 AR-1254-3	7.119	6.295	42426502	37668351	500.000	500.000
29)	L6 AR-1254-4	7.401	6.523	35282320	24919247	500.000	500.000
30)	L6 AR-1254-5	7.819	6.944	34508764	33693162	500.000	500.000

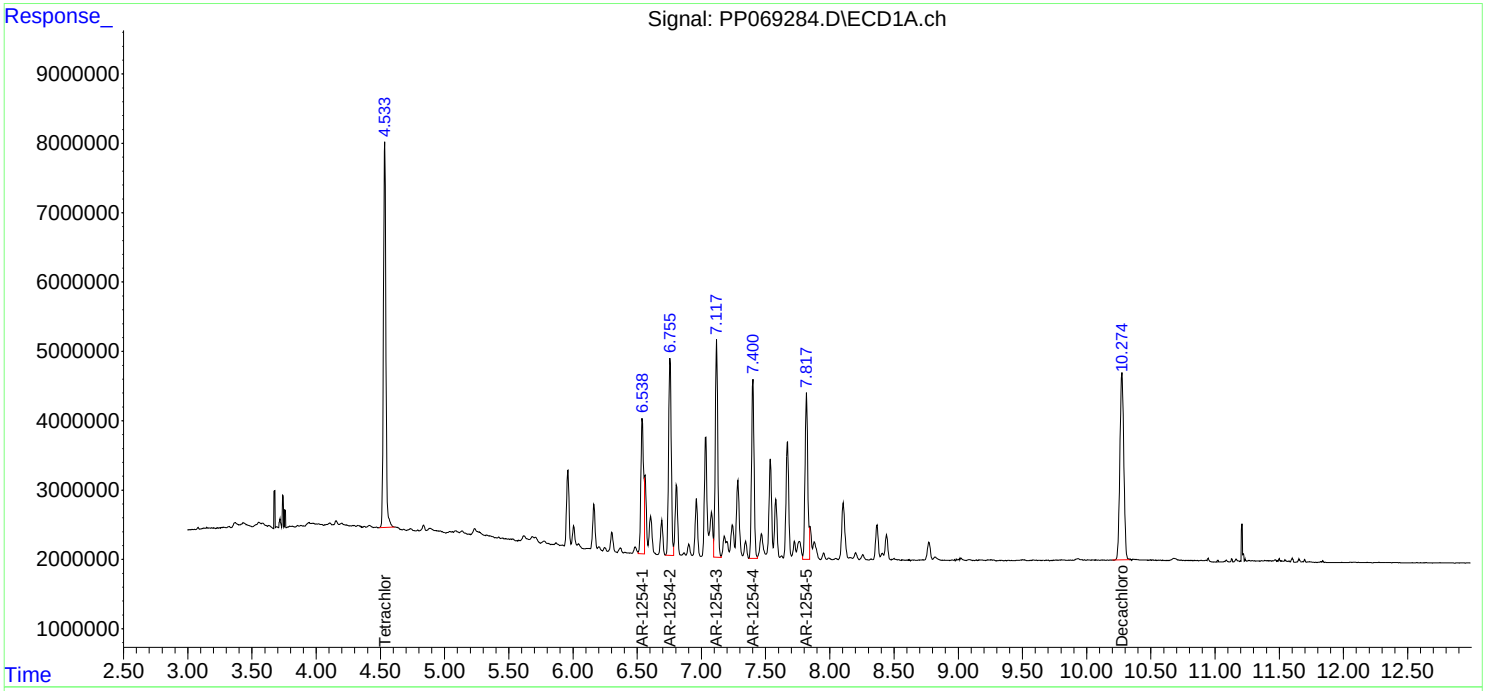
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

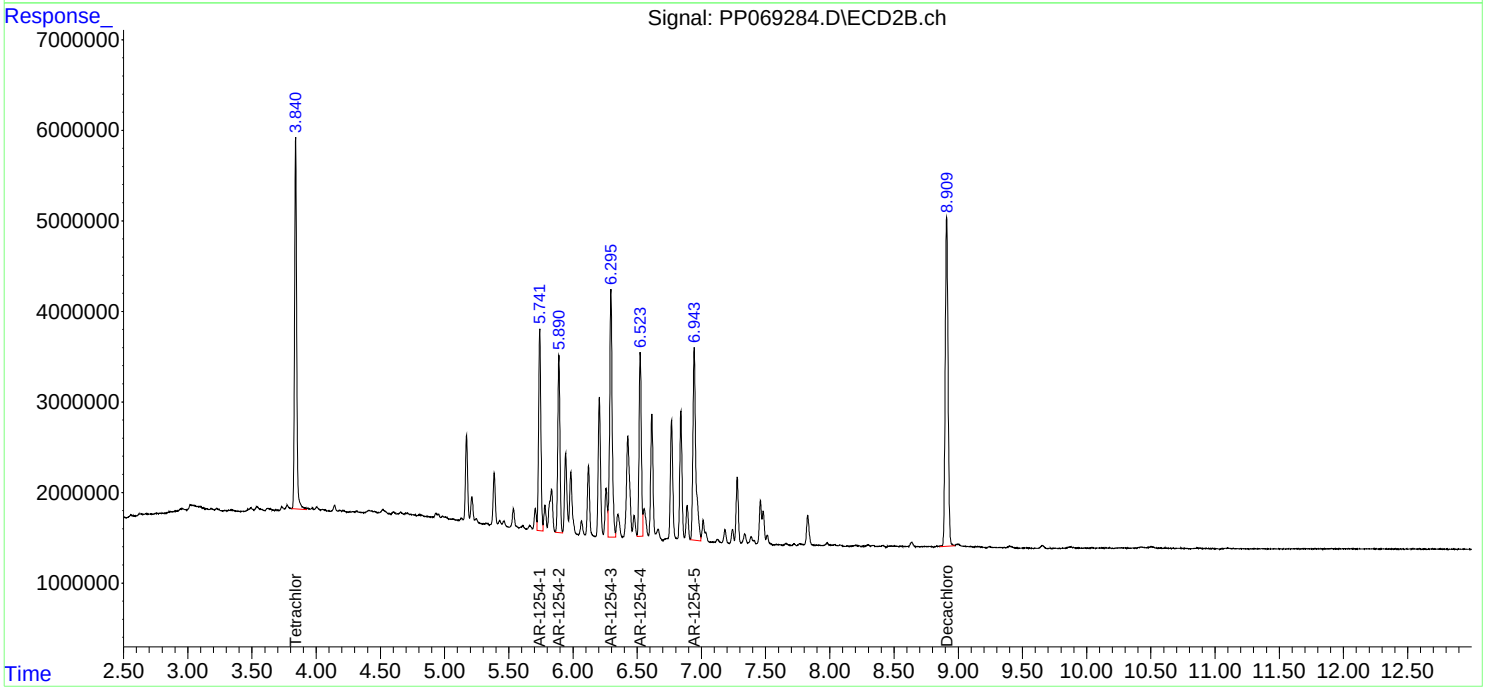
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069284.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 15:20
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

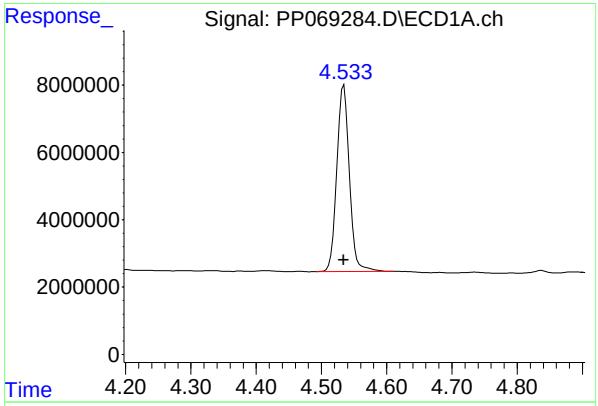
Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 15:36:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 15:34:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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



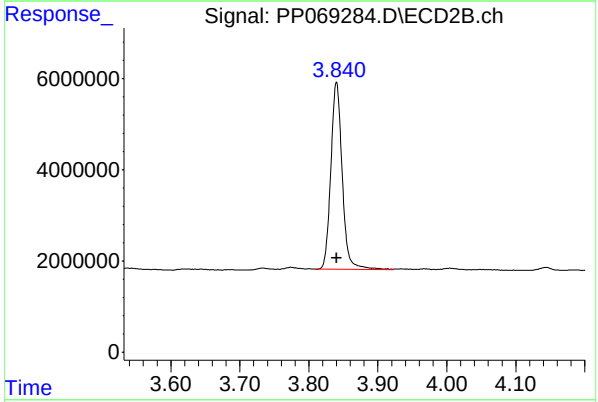




#1 Tetrachloro-m-xylene

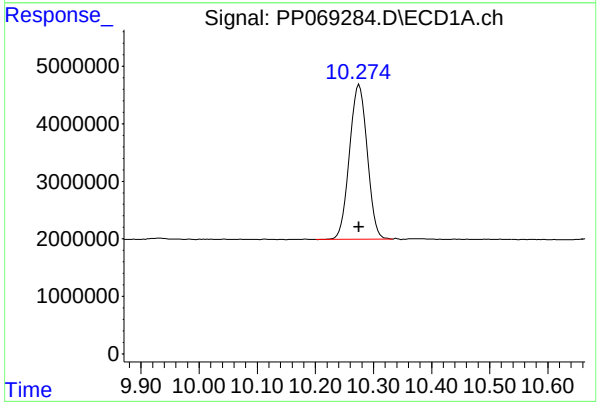
R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 74350956
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



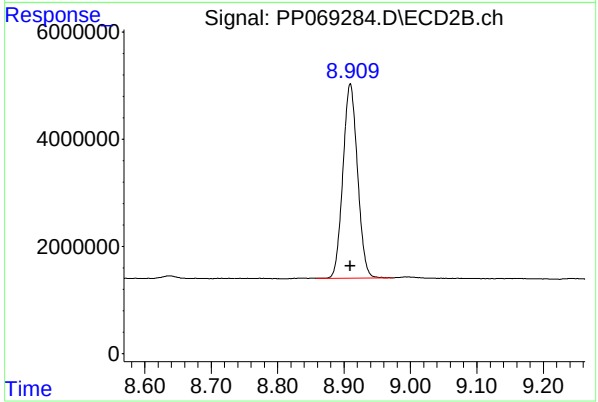
#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 46911824
Conc: 50.00 ng/ml



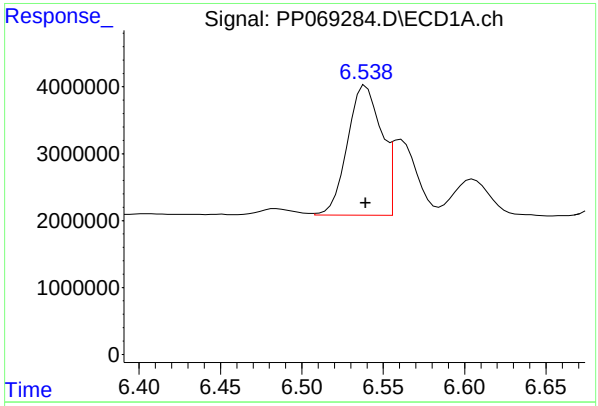
#2 Decachlorobiphenyl

R.T.: 10.275 min
Delta R.T.: 0.000 min
Response: 56754140
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

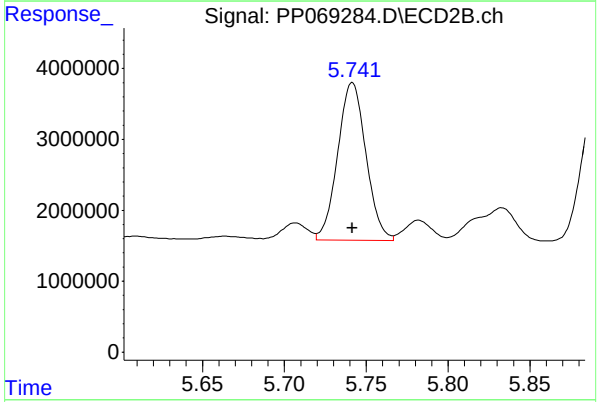
R.T.: 8.909 min
Delta R.T.: 0.000 min
Response: 55443280
Conc: 50.00 ng/ml



#26 AR-1254-1

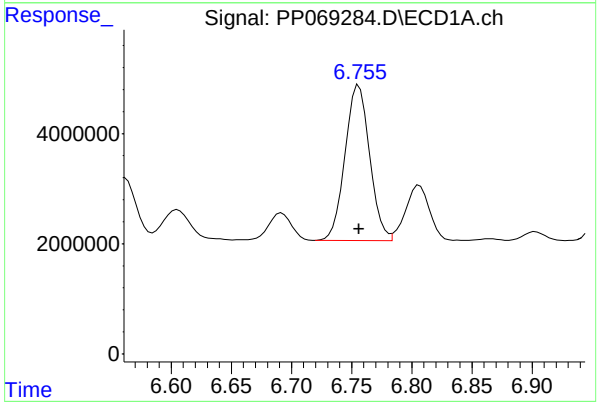
R.T.: 6.539 min
Delta R.T.: 0.000 min
Response: 27978290
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



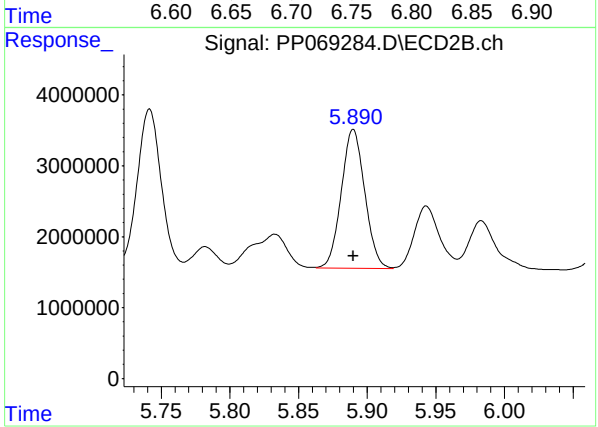
#26 AR-1254-1

R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 26702115
Conc: 500.00 ng/ml



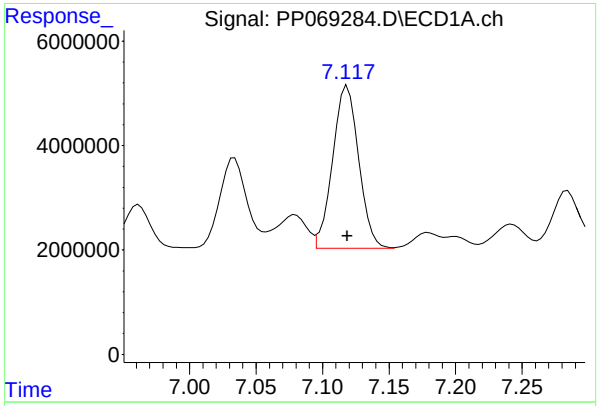
#27 AR-1254-2

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 40280132
Conc: 500.00 ng/ml



#27 AR-1254-2

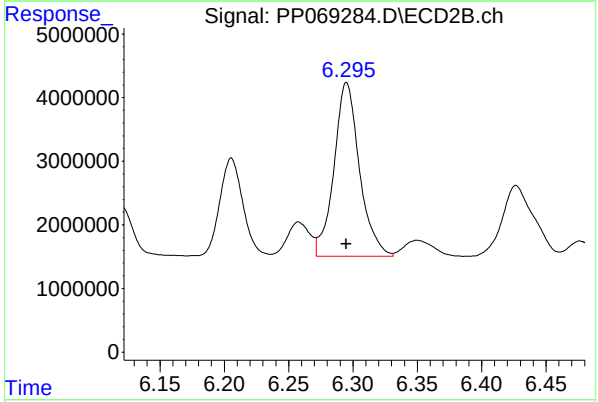
R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 23279150
Conc: 500.00 ng/ml



#28 AR-1254-3

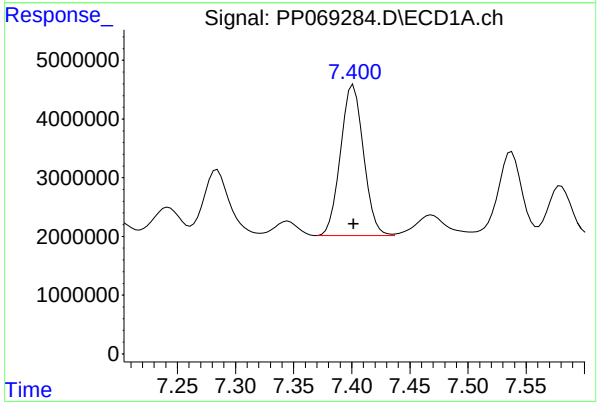
R.T.: 7.119 min
Delta R.T.: 0.000 min
Response: 42426502
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



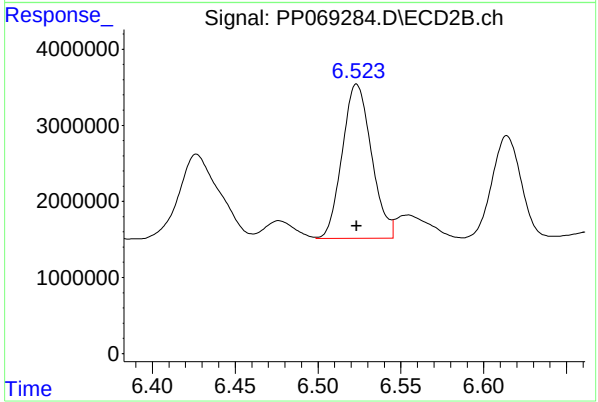
#28 AR-1254-3

R.T.: 6.295 min
Delta R.T.: 0.000 min
Response: 37668351
Conc: 500.00 ng/ml



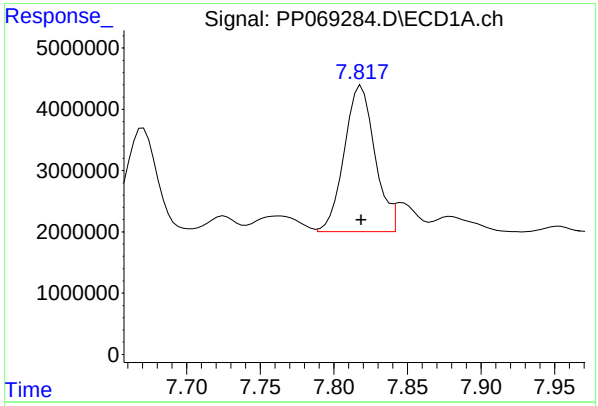
#29 AR-1254-4

R.T.: 7.401 min
Delta R.T.: 0.000 min
Response: 35282320
Conc: 500.00 ng/ml



#29 AR-1254-4

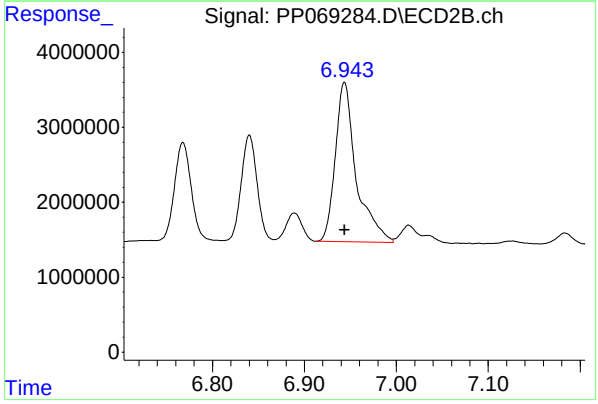
R.T.: 6.523 min
Delta R.T.: 0.000 min
Response: 24919247
Conc: 500.00 ng/ml



#30 AR-1254-5

R.T.: 7.819 min
Delta R.T.: 0.000 min
Response: 34508764
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



#30 AR-1254-5

R.T.: 6.944 min
Delta R.T.: 0.000 min
Response: 33693162
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069285.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 15:36
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 15:48:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 15:47:56 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.537	3.841	38308296	24933870	25.841	25.907
2)	SA Decachlor...	10.277	8.912	29728444	31922182	26.595	27.996
	Target Compounds						
26)	L6 AR-1254-1	6.542	5.742	15348917	15166762	271.458	272.413
27)	L6 AR-1254-2	6.758	5.891	21814148	13205390	269.993	272.720
28)	L6 AR-1254-3	7.121	6.297	22435517	20943244	266.260	271.443
29)	L6 AR-1254-4	7.404	6.525	18279799	14284124	266.219	276.348
30)	L6 AR-1254-5	7.820	6.944	18690696	18712616	270.082	273.040

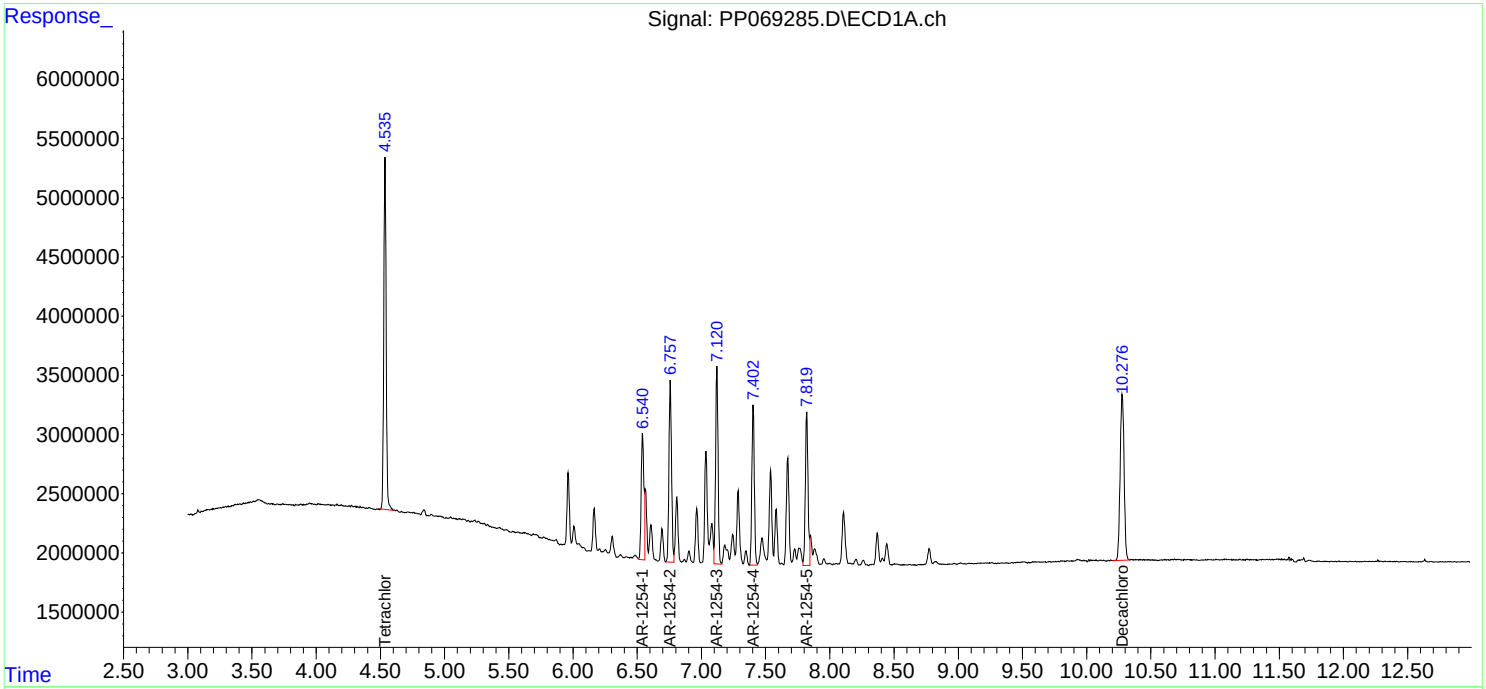
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

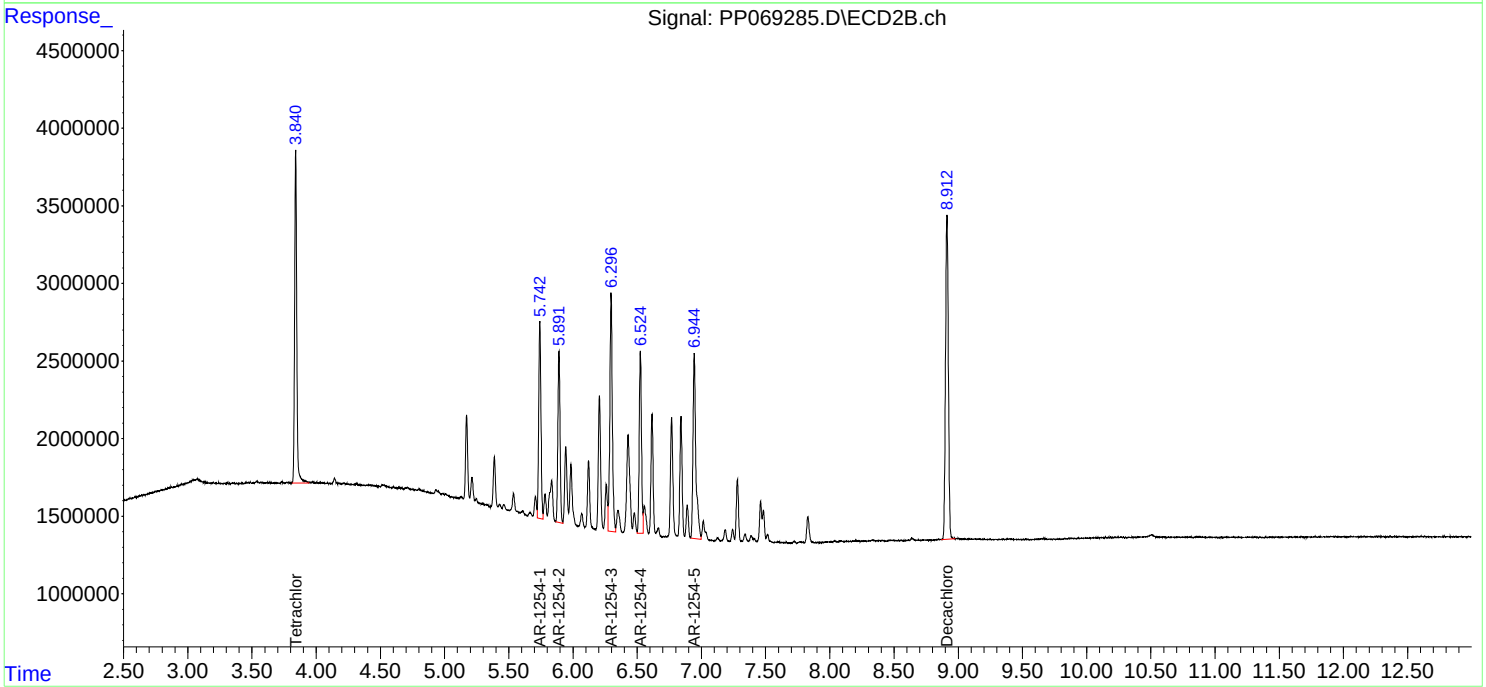
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069285.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 15:36
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

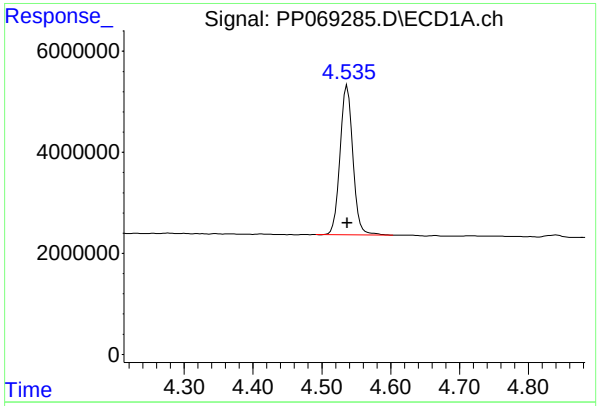
Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 15:48:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 15:47:56 2025
Response via : Initial Calibration
Integrator: ChemStation

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



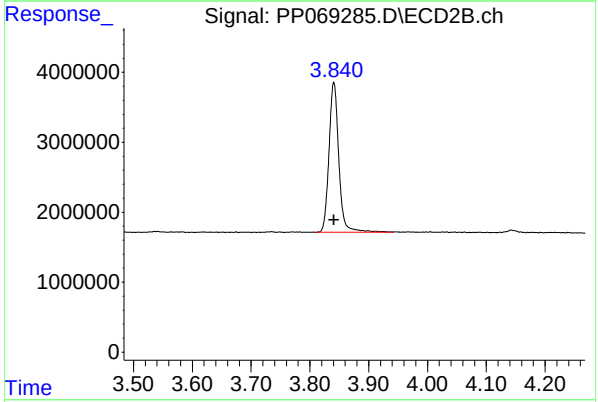




#1 Tetrachloro-m-xylene

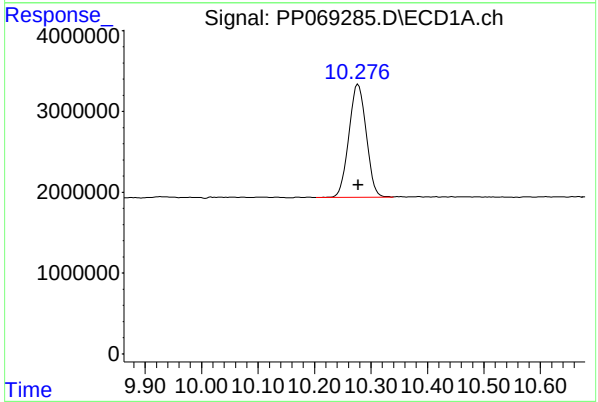
R.T.: 4.537 min
Delta R.T.: 0.000 min
Response: 38308296
Conc: 25.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



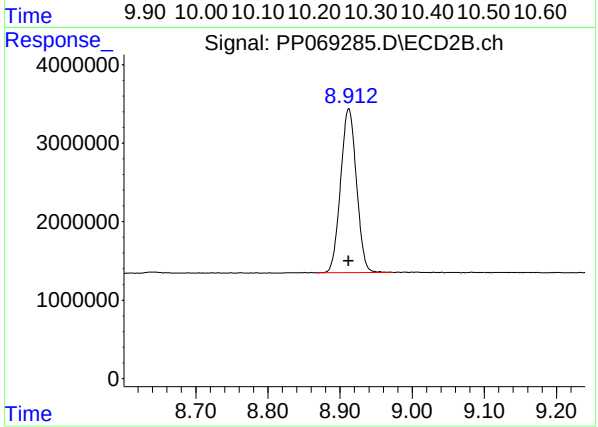
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 24933870
Conc: 25.91 ng/ml



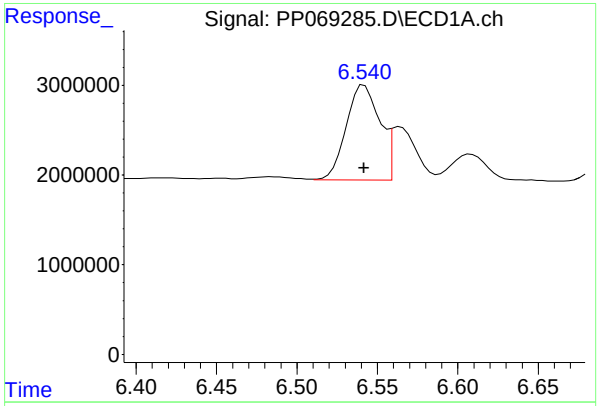
#2 Decachlorobiphenyl

R.T.: 10.277 min
Delta R.T.: 0.000 min
Response: 29728444
Conc: 26.60 ng/ml



#2 Decachlorobiphenyl

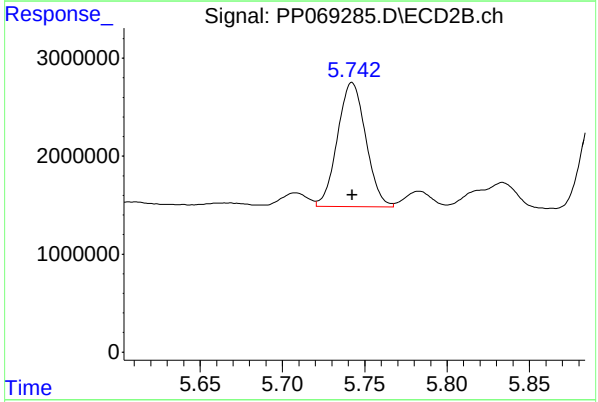
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 31922182
Conc: 28.00 ng/ml



#26 AR-1254-1

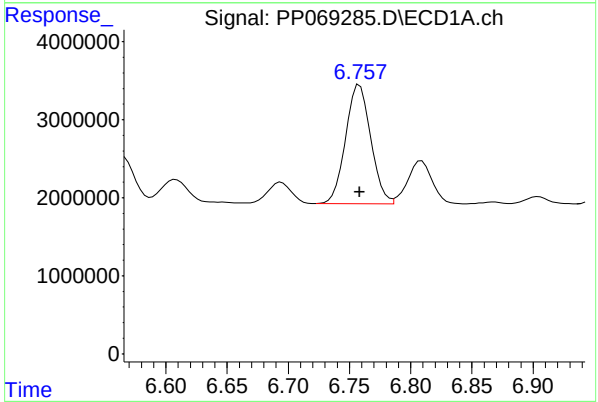
R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 15348917
Conc: 271.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



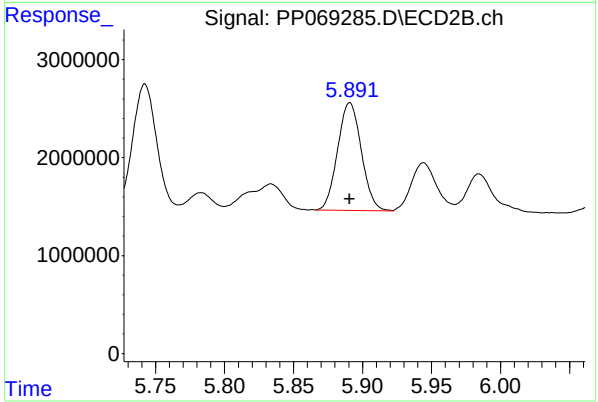
#26 AR-1254-1

R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 15166762
Conc: 272.41 ng/ml



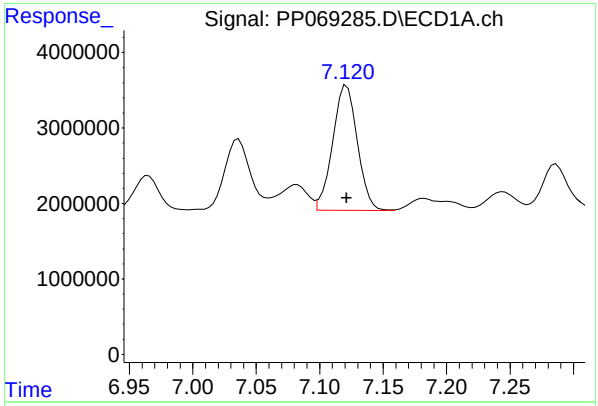
#27 AR-1254-2

R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 21814148
Conc: 269.99 ng/ml



#27 AR-1254-2

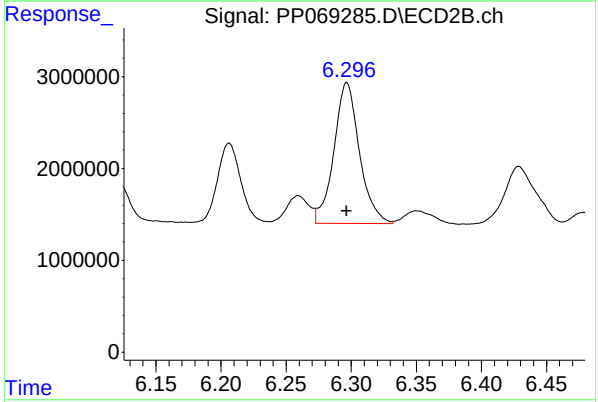
R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 13205390
Conc: 272.72 ng/ml



#28 AR-1254-3

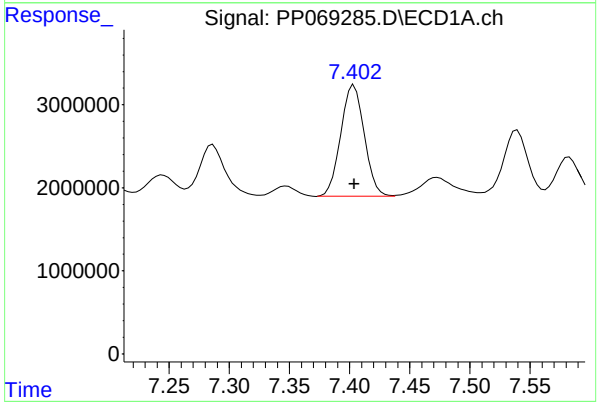
R.T.: 7.121 min
Delta R.T.: 0.000 min
Response: 22435517
Conc: 266.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



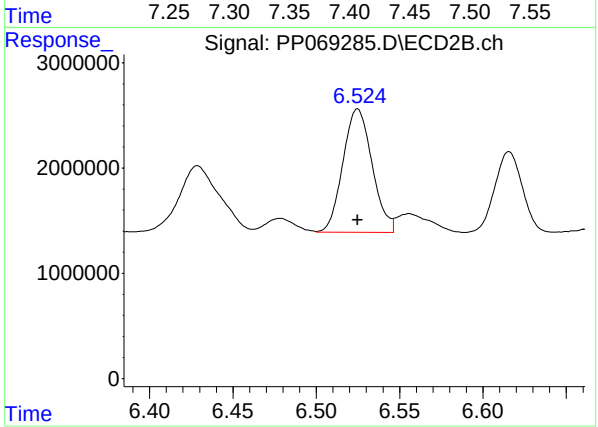
#28 AR-1254-3

R.T.: 6.297 min
Delta R.T.: 0.000 min
Response: 20943244
Conc: 271.44 ng/ml



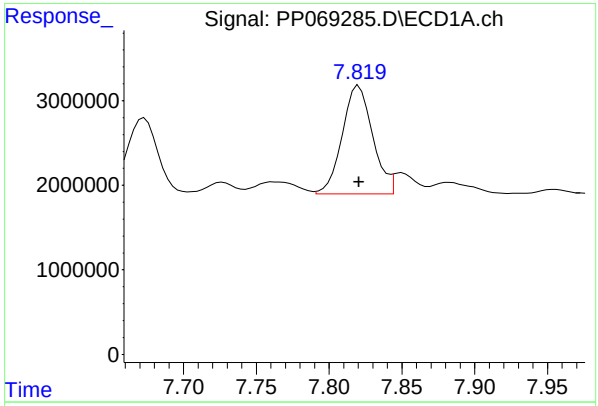
#29 AR-1254-4

R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 18279799
Conc: 266.22 ng/ml



#29 AR-1254-4

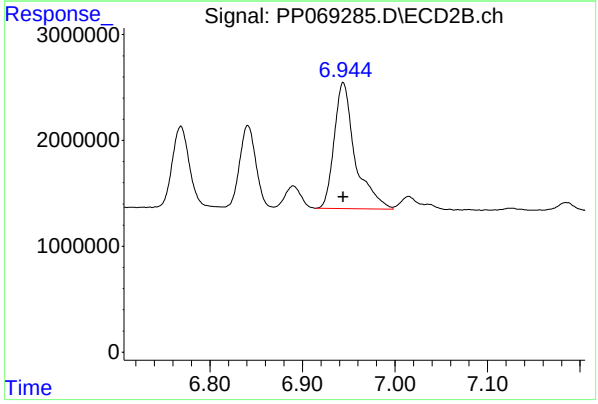
R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 14284124
Conc: 276.35 ng/ml



#30 AR-1254-5

R.T.: 7.820 min
Delta R.T.: 0.000 min
Response: 18690696
Conc: 270.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



#30 AR-1254-5

R.T.: 6.944 min
Delta R.T.: 0.000 min
Response: 18712616
Conc: 273.04 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069286.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 15:53
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 16:04:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 16:04:22 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...	4.537	3.841	6135092	4091392	4.293m	4.382
2)	SA Decachlor...	10.277	8.912	4792685	5691534	4.413	4.993
	Target Compounds						
26)	L6 AR-1254-1	6.542	5.742	3157414	2628819	55.481m	47.748
27)	L6 AR-1254-2	6.759	5.891	3901432	2408006	48.621	49.784
28)	L6 AR-1254-3	7.122	6.297	4219753	3542972	50.063	46.682
29)	L6 AR-1254-4	7.405	6.525	3314077	2474657	48.602	48.286
30)	L6 AR-1254-5	7.823	6.944	3170800	2933240	46.598	44.069

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069286.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 15:53
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

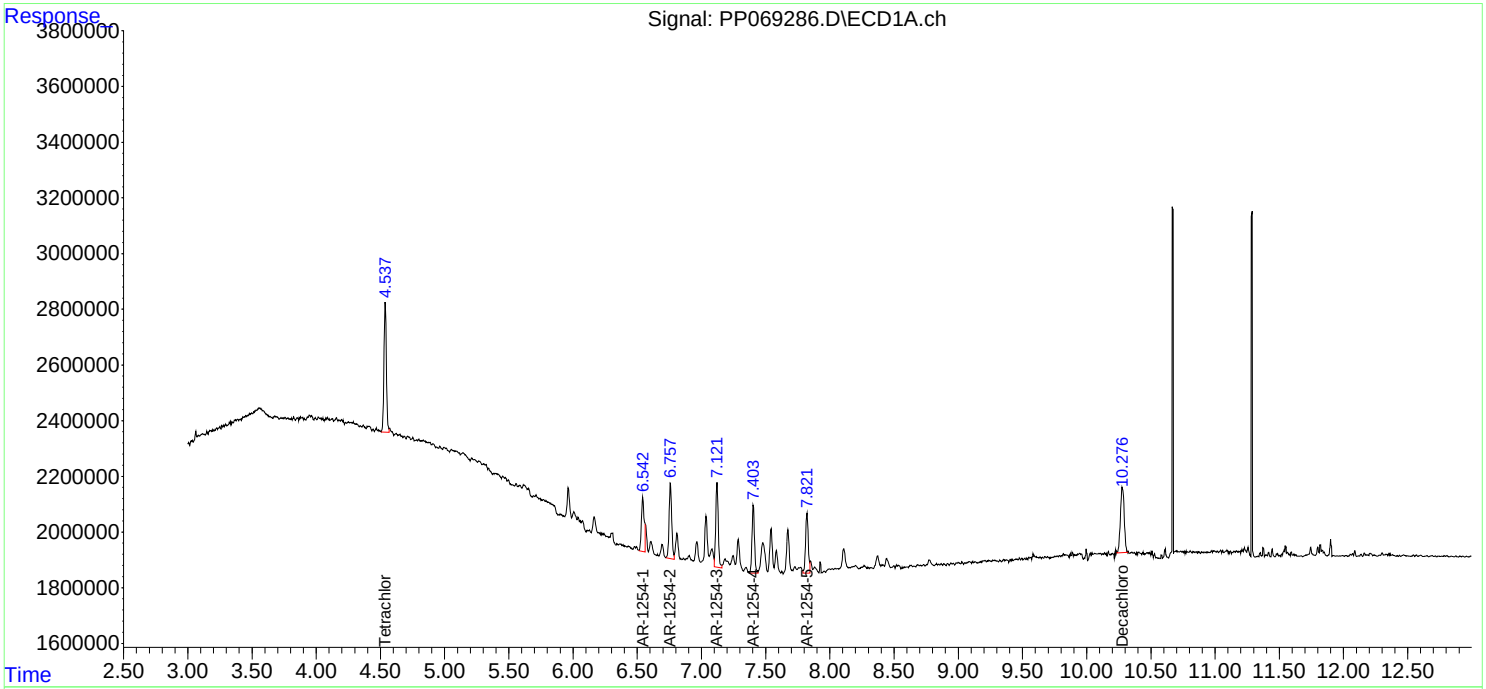
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

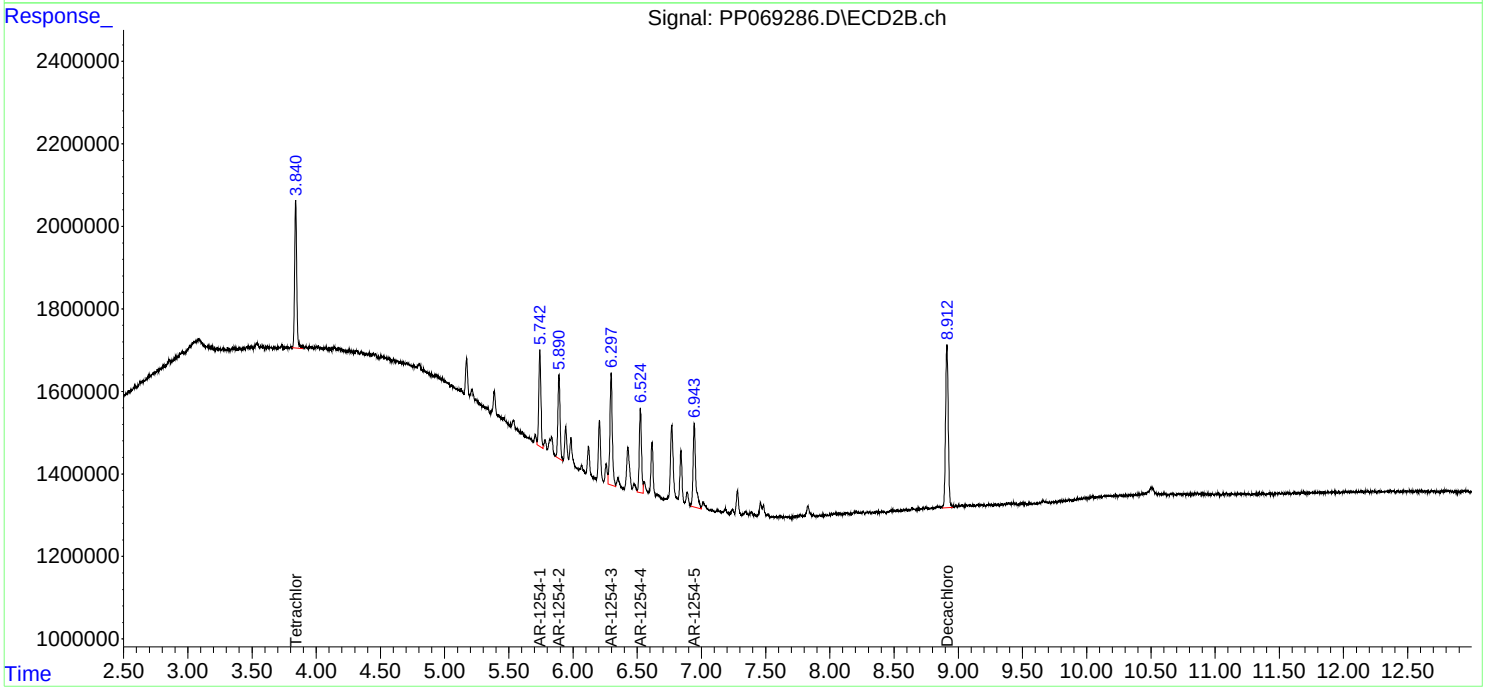
Manual Integrations APPROVED

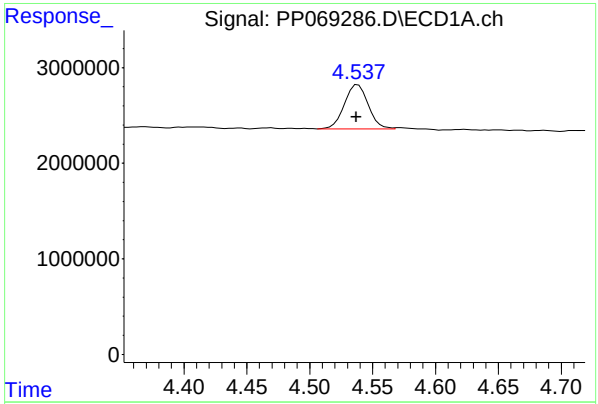
Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 16:04:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 16:04:22 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







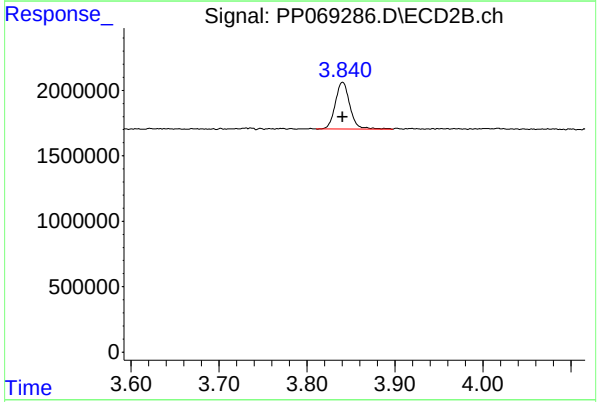
#1 Tetrachloro-m-xylene

R.T.: 4.537 min
Delta R.T.: 0.000 min
Response: 6135092
Conc: 4.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

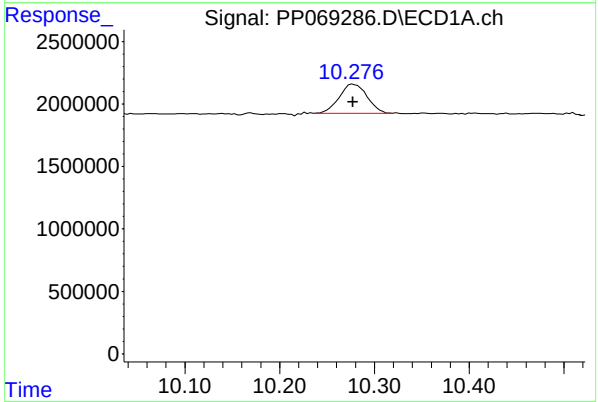
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



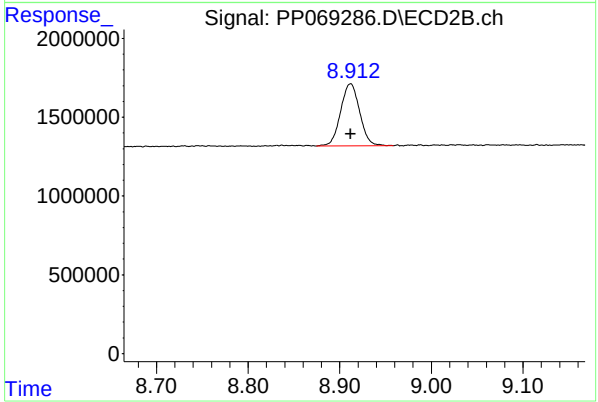
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 4091392
Conc: 4.38 ng/ml



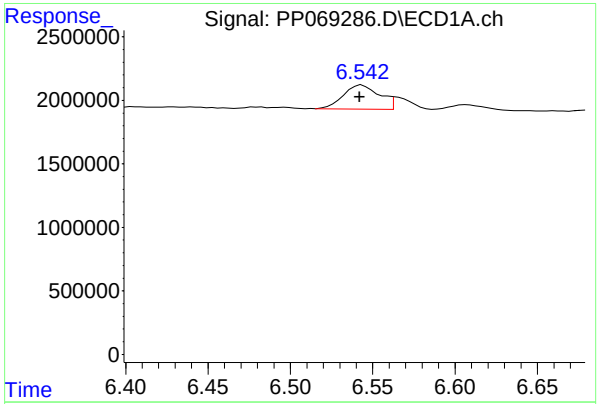
#2 Decachlorobiphenyl

R.T.: 10.277 min
Delta R.T.: 0.000 min
Response: 4792685
Conc: 4.41 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 5691534
Conc: 4.99 ng/ml



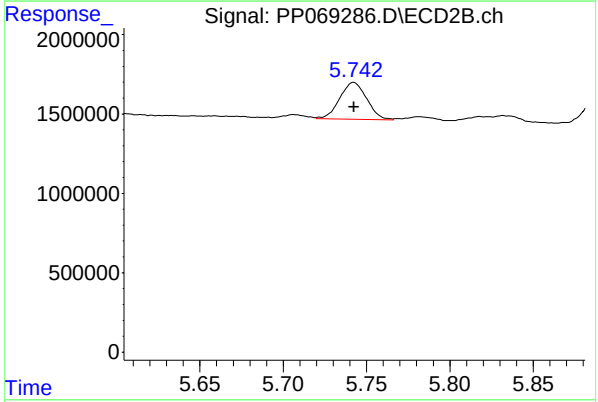
#26 AR-1254-1

R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 3157414
Conc: 55.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

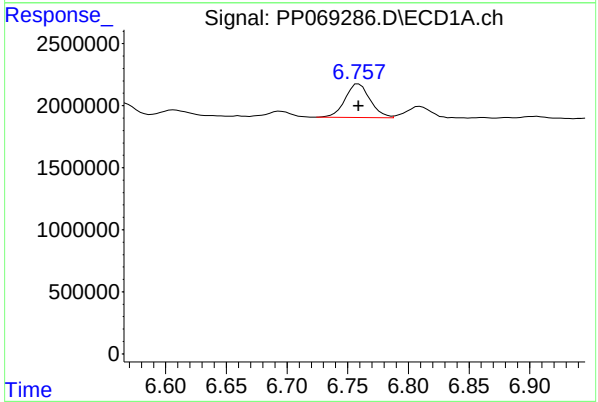
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



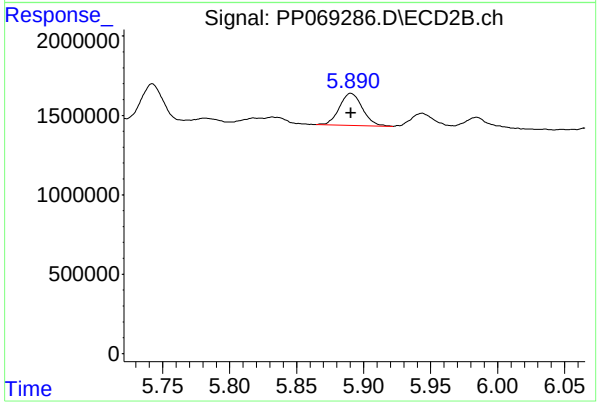
#26 AR-1254-1

R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 2628819
Conc: 47.75 ng/ml



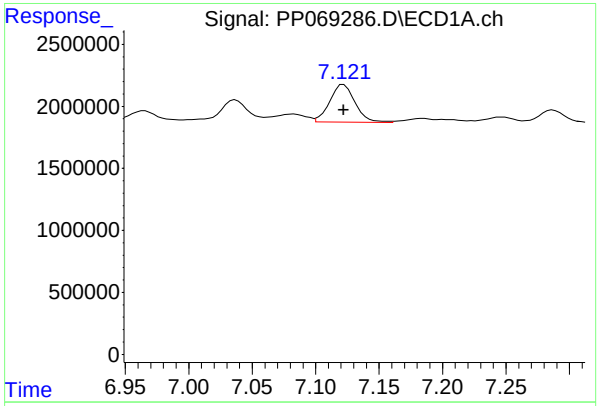
#27 AR-1254-2

R.T.: 6.759 min
Delta R.T.: 0.000 min
Response: 3901432
Conc: 48.62 ng/ml



#27 AR-1254-2

R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 2408006
Conc: 49.78 ng/ml



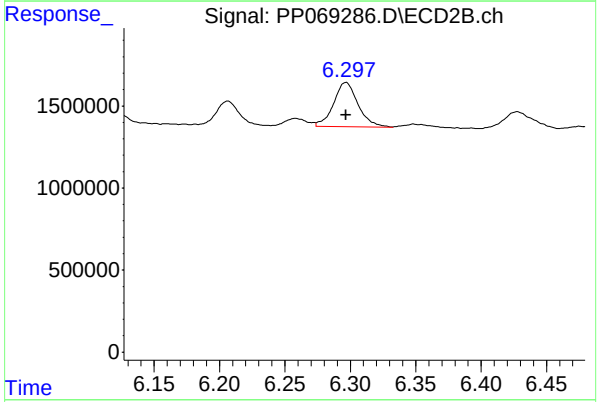
#28 AR-1254-3

R.T.: 7.122 min
Delta R.T.: 0.000 min
Response: 4219753
Conc: 50.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

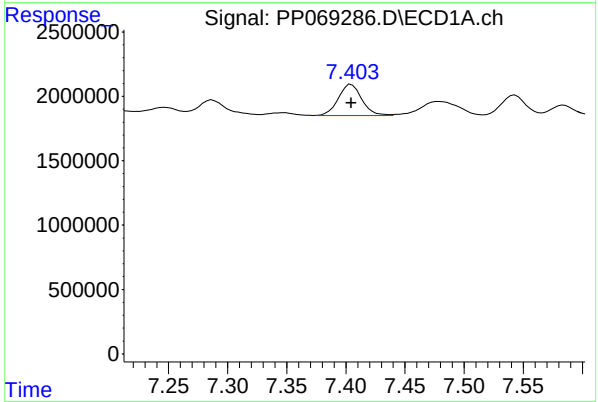
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



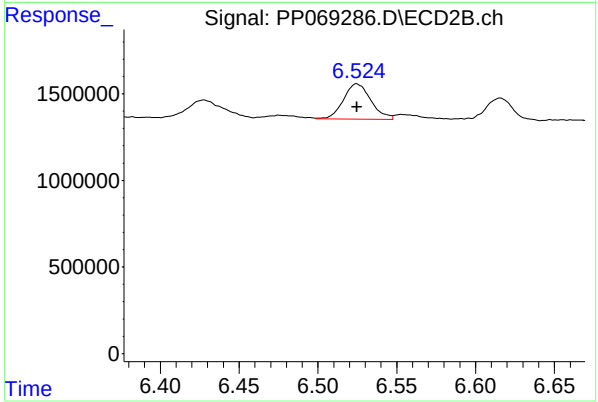
#28 AR-1254-3

R.T.: 6.297 min
Delta R.T.: 0.000 min
Response: 3542972
Conc: 46.68 ng/ml



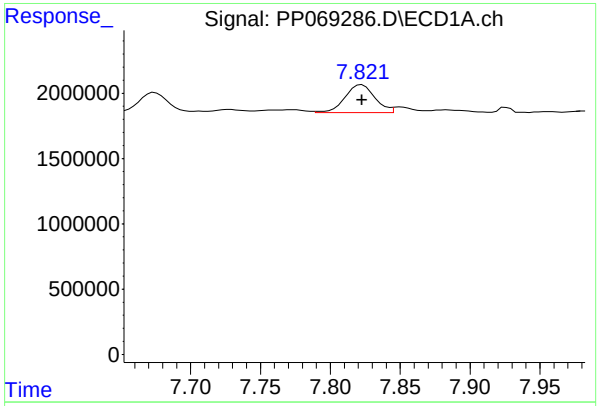
#29 AR-1254-4

R.T.: 7.405 min
Delta R.T.: 0.000 min
Response: 3314077
Conc: 48.60 ng/ml



#29 AR-1254-4

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 2474657
Conc: 48.29 ng/ml



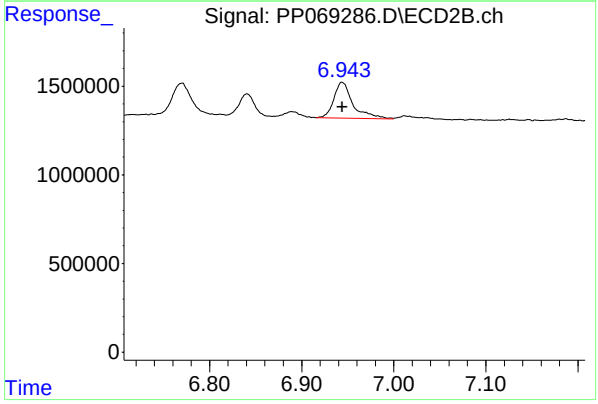
#30 AR-1254-5

R.T.: 7.823 min
Delta R.T.: 0.000 min
Response: 3170800
Conc: 46.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



#30 AR-1254-5

R.T.: 6.944 min
Delta R.T.: 0.000 min
Response: 2933240
Conc: 44.07 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069287.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 16:09
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 16:23:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 16:21:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.537	3.842	70866290	45053246	50.000	50.000
2)	SA Decachlor...	10.278	8.912	54146536	52952692	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	8.124	6.983	39509132	35506595	500.000	500.000
37)	L8 AR-1262-2	8.446	7.243	76461630	30489732	500.000	500.000
38)	L8 AR-1262-3	8.766	7.768	53139905	26149600	500.000	500.000
39)	L8 AR-1262-4	8.852	7.832	40896466	46218246	500.000	500.000
40)	L8 AR-1262-5	9.511	8.336	28305097	23896110	500.000	500.000

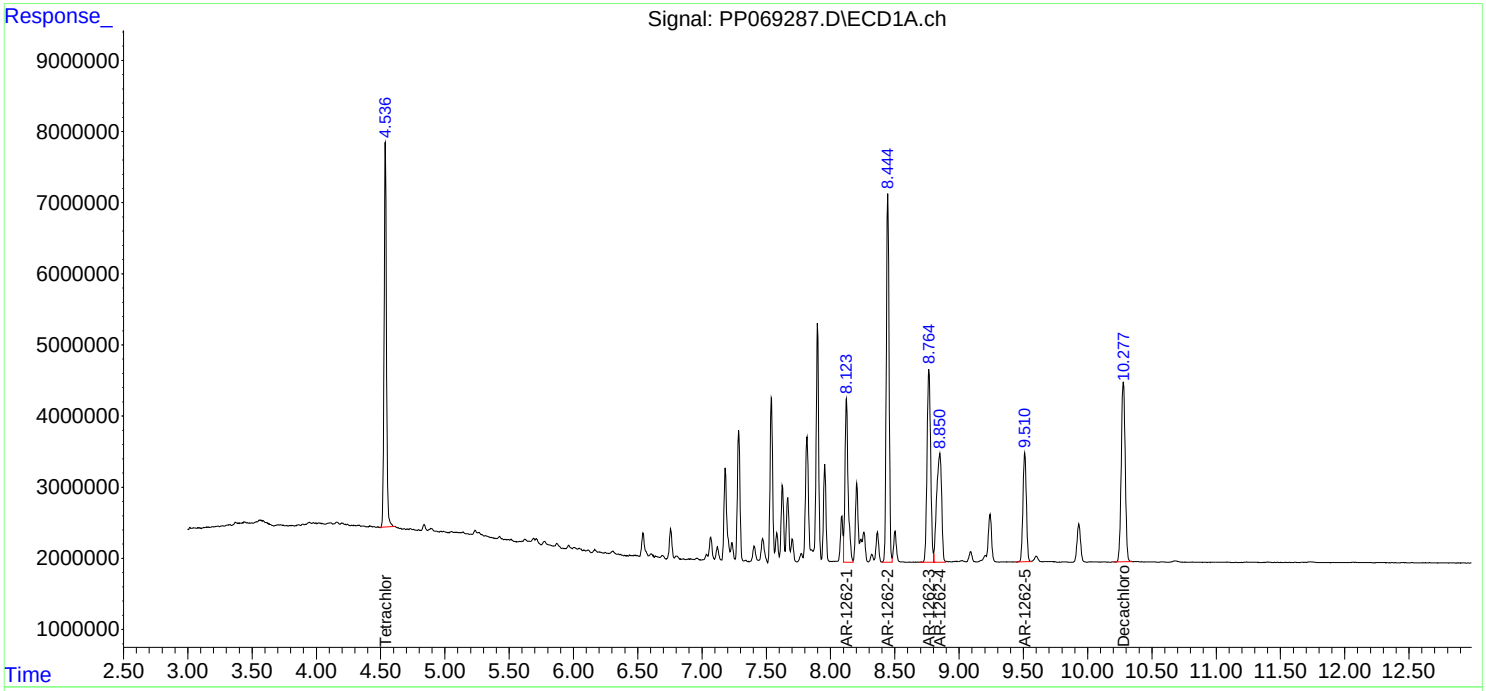
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

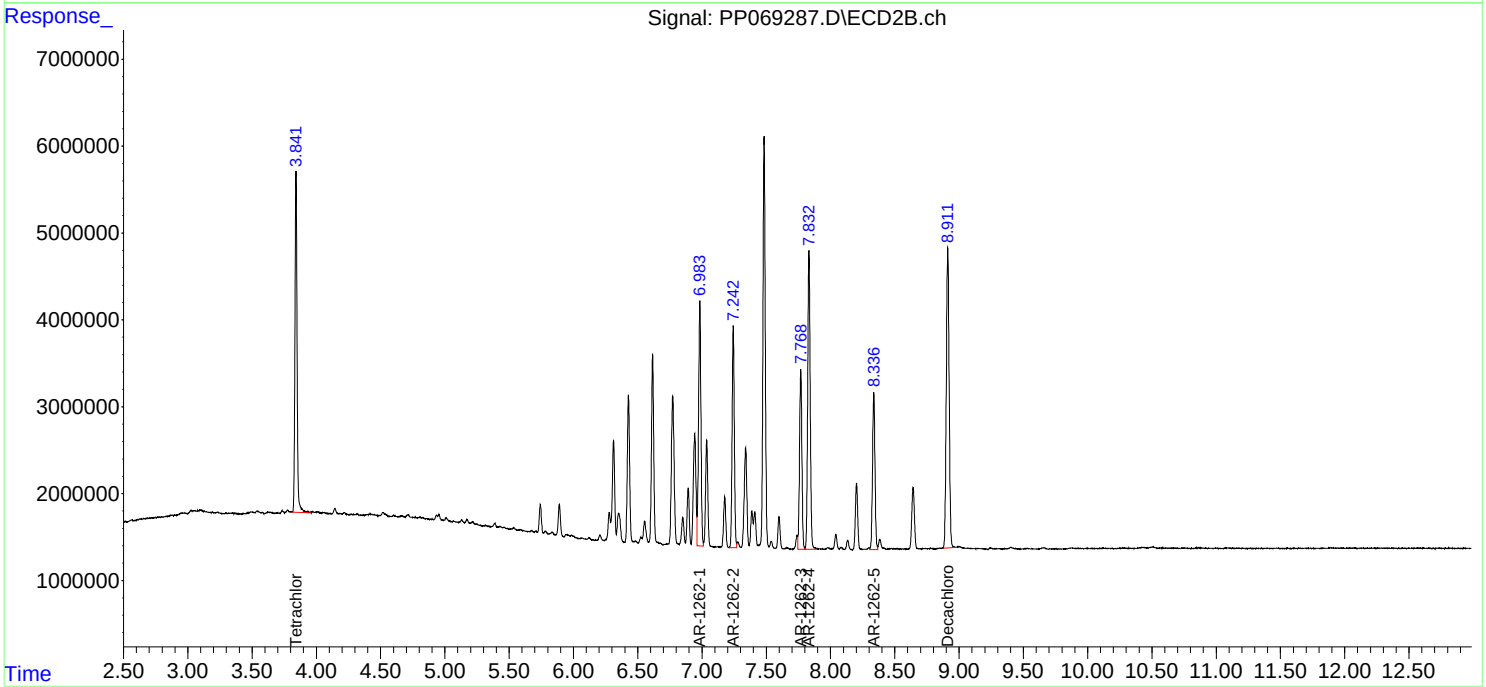
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069287.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 16:09
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

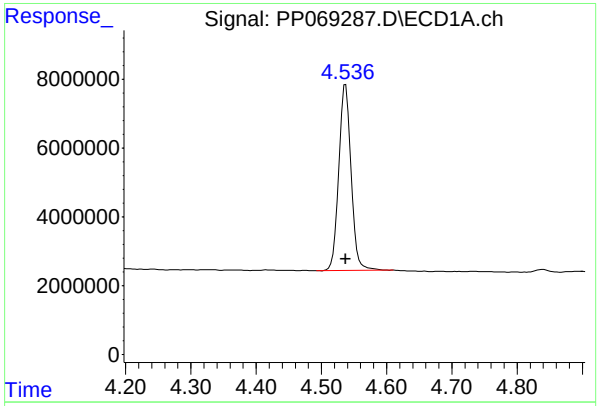
Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 16:23:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 16:21:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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



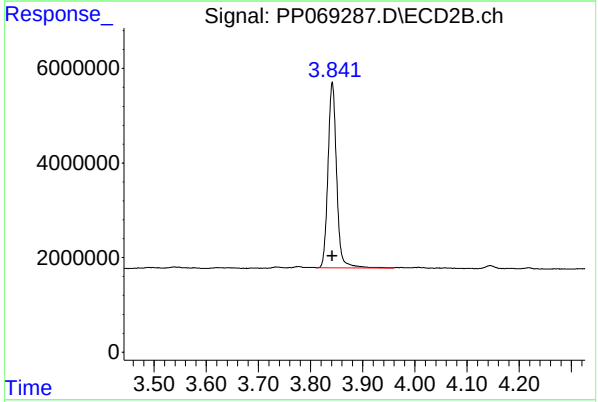




#1 Tetrachloro-m-xylene

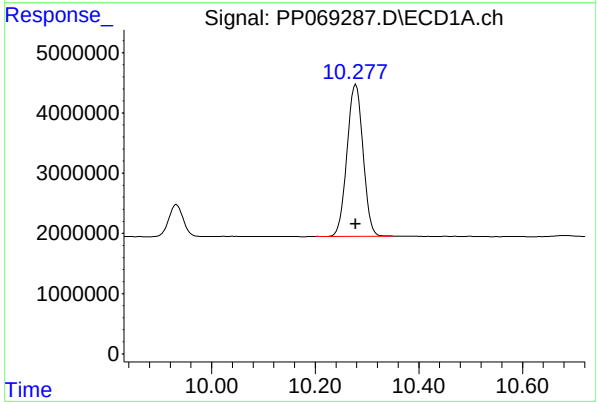
R.T.: 4.537 min
Delta R.T.: 0.000 min
Response: 70866290
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



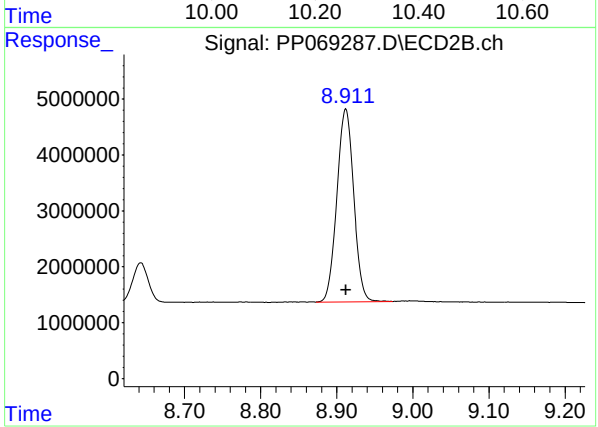
#1 Tetrachloro-m-xylene

R.T.: 3.842 min
Delta R.T.: 0.000 min
Response: 45053246
Conc: 50.00 ng/ml



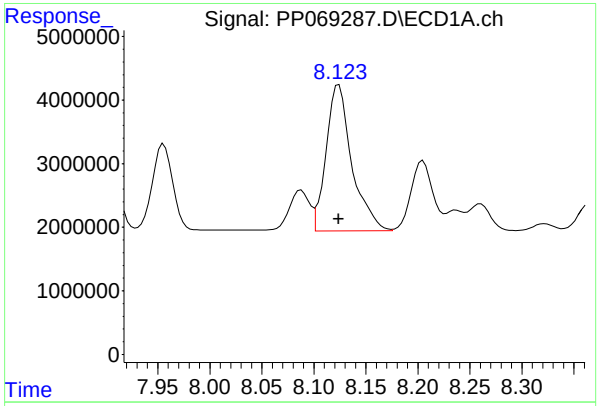
#2 Decachlorobiphenyl

R.T.: 10.278 min
Delta R.T.: 0.000 min
Response: 54146536
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

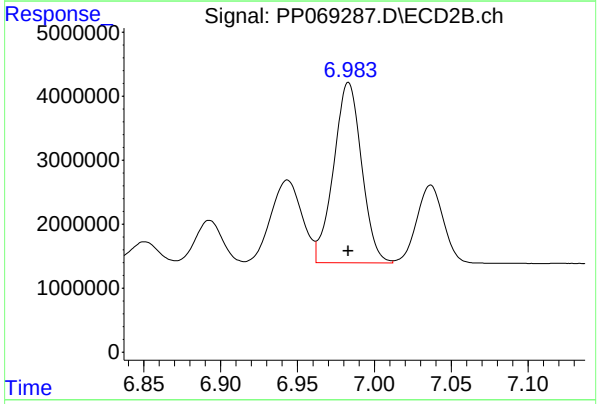
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 52952692
Conc: 50.00 ng/ml



#36 AR-1262-1

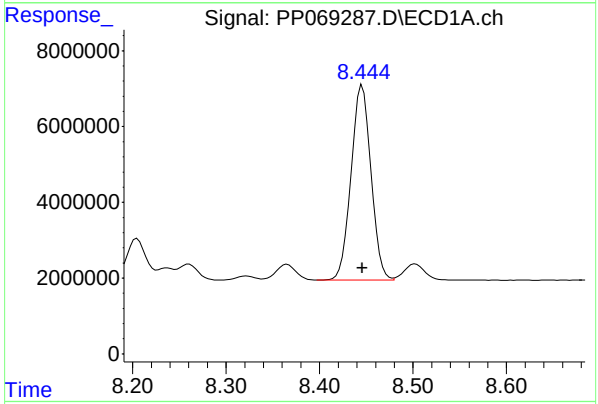
R.T.: 8.124 min
Delta R.T.: 0.000 min
Response: 39509132
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



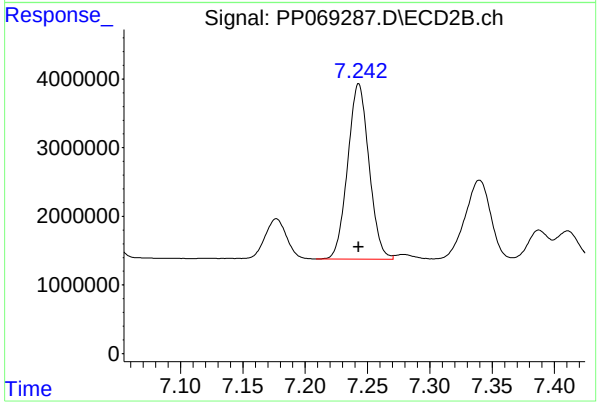
#36 AR-1262-1

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 35506595
Conc: 500.00 ng/ml



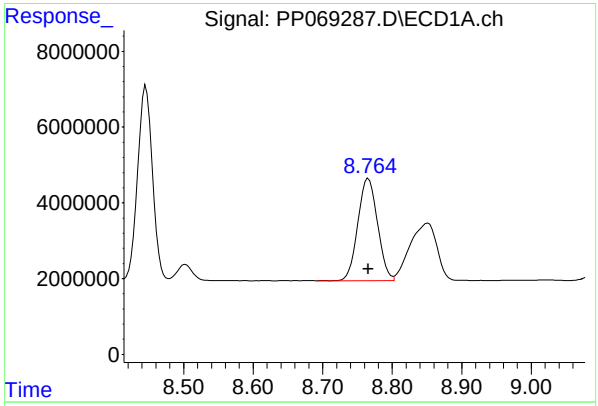
#37 AR-1262-2

R.T.: 8.446 min
Delta R.T.: 0.000 min
Response: 76461630
Conc: 500.00 ng/ml



#37 AR-1262-2

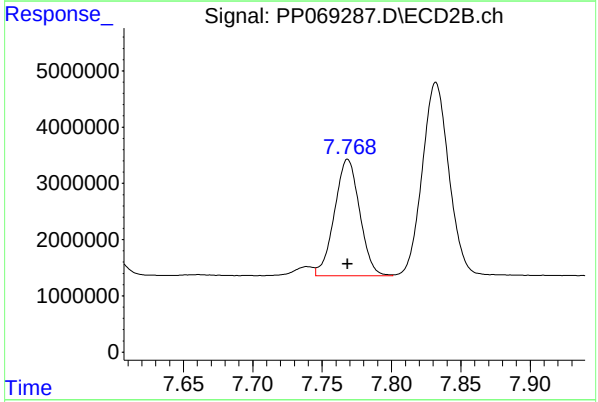
R.T.: 7.243 min
Delta R.T.: 0.000 min
Response: 30489732
Conc: 500.00 ng/ml



#38 AR-1262-3

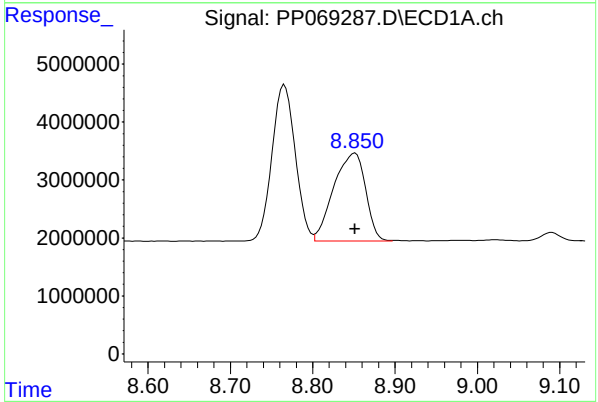
R.T.: 8.766 min
Delta R.T.: 0.000 min
Response: 53139905
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



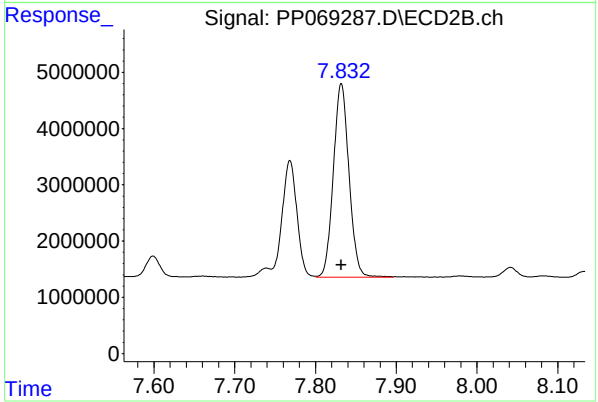
#38 AR-1262-3

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 26149600
Conc: 500.00 ng/ml



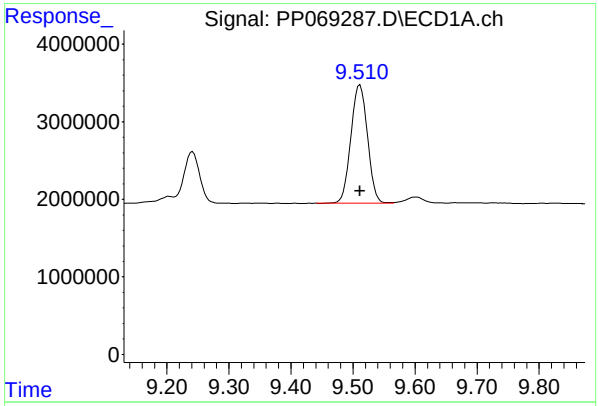
#39 AR-1262-4

R.T.: 8.852 min
Delta R.T.: 0.000 min
Response: 40896466
Conc: 500.00 ng/ml



#39 AR-1262-4

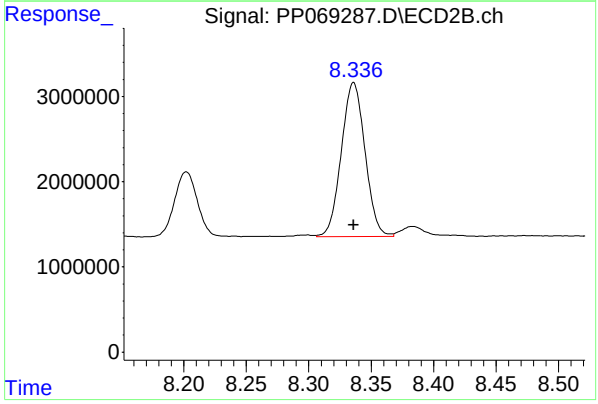
R.T.: 7.832 min
Delta R.T.: 0.000 min
Response: 46218246
Conc: 500.00 ng/ml



#40 AR-1262-5

R.T.: 9.511 min
Delta R.T.: 0.000 min
Response: 28305097
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



#40 AR-1262-5

R.T.: 8.336 min
Delta R.T.: 0.000 min
Response: 23896110
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069288.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 16:25
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 17:14:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:10:22 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...	4.537	3.842	141.7E6	92128954	95.944	96.727
2)	SA Decachlor...	10.278	8.913	175.4E6	173.2E6	95.468	94.768
	Target Compounds						
41)	L9 AR-1268-1	8.763	7.769	176.6E6	145.3E6	956.149	947.242
42)	L9 AR-1268-2	8.856	7.834	157.0E6	134.2E6	955.347	948.494
43)	L9 AR-1268-3	9.091	8.042	134.4E6	115.2E6	956.115	951.002
44)	L9 AR-1268-4	9.511	8.337	59595033	52741395	959.028	945.775
45)	L9 AR-1268-5	9.932	8.643	388.9E6	368.8E6	968.144	969.912

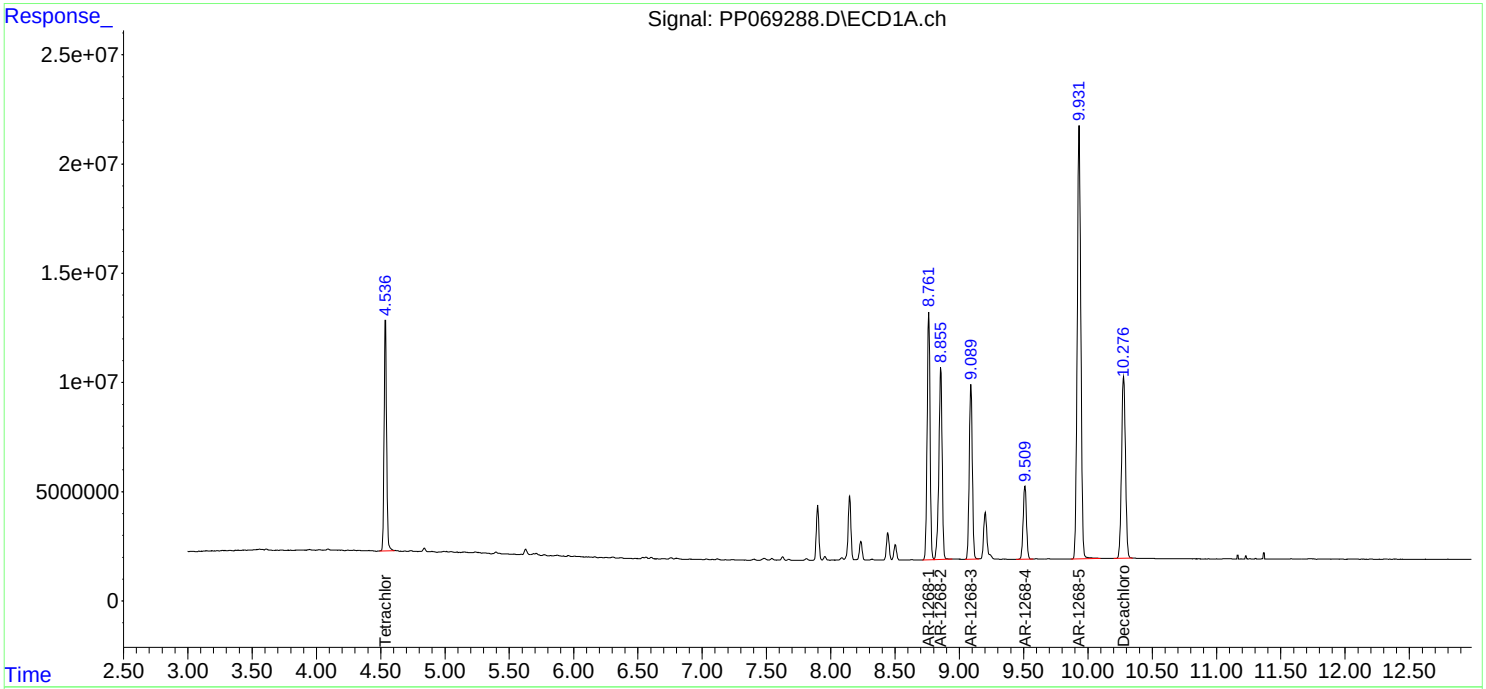
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

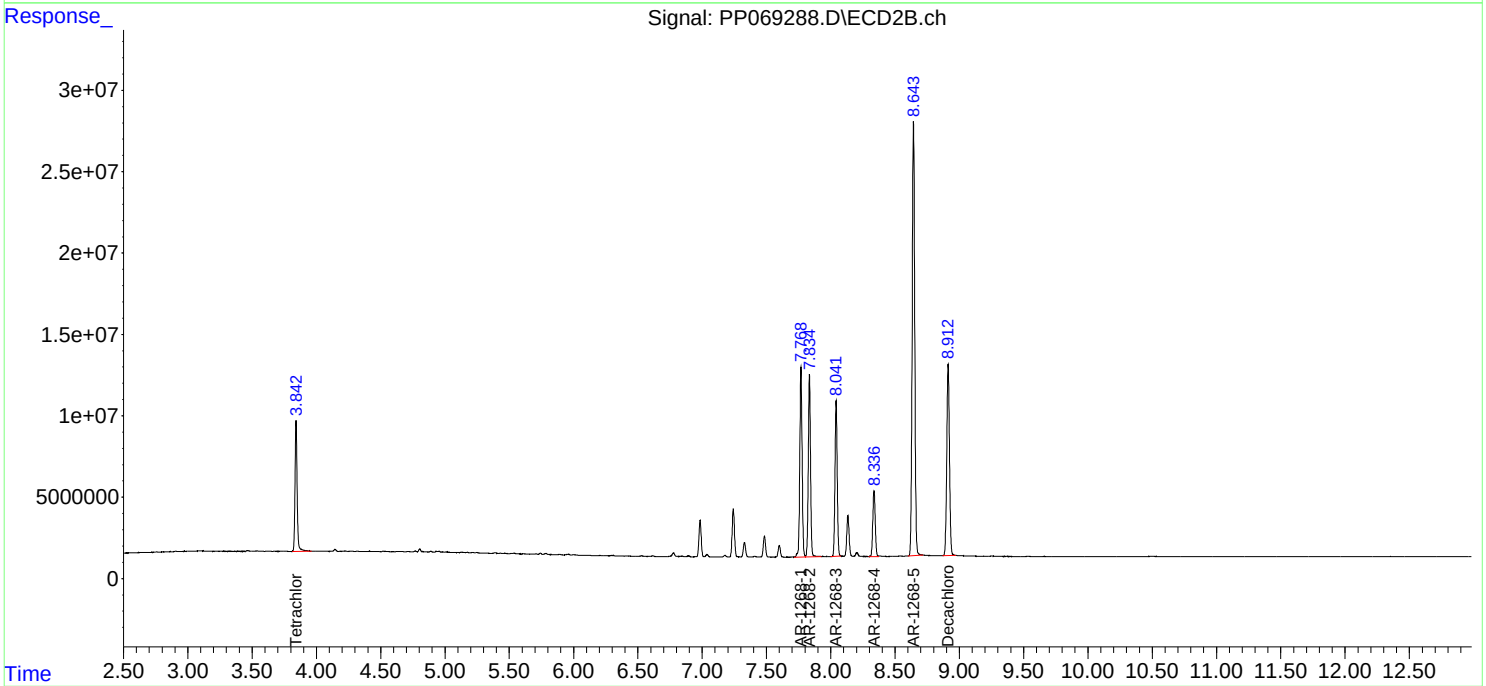
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069288.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 16:25
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

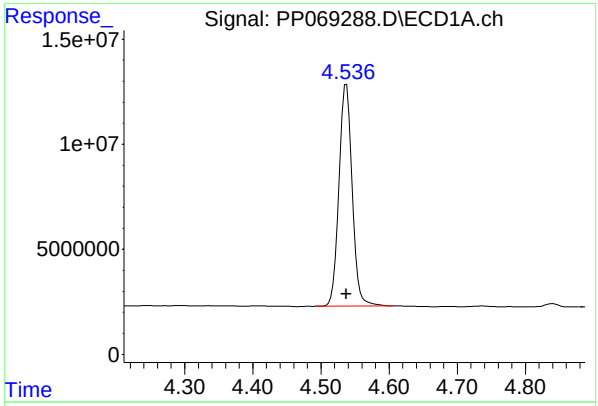
Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 17:14:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:10:22 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



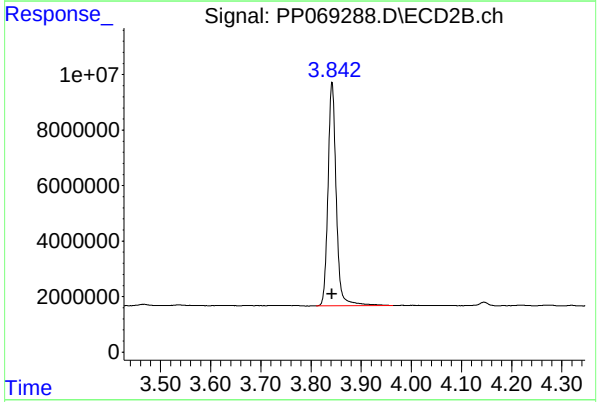




#1 Tetrachloro-m-xylene

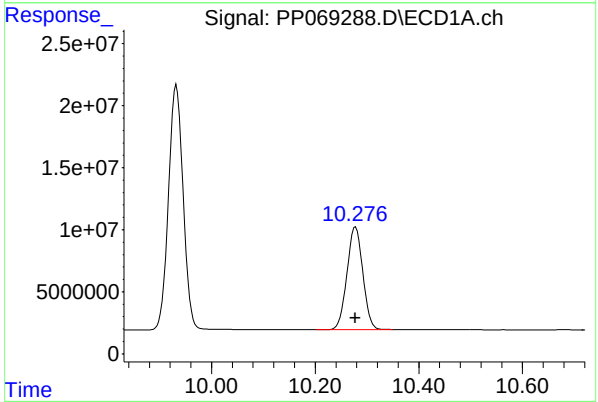
R.T.: 4.537 min
Delta R.T.: 0.000 min
Response: 141740509
Conc: 95.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



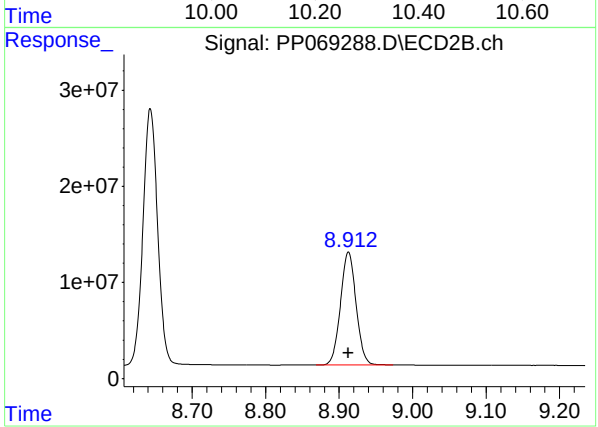
#1 Tetrachloro-m-xylene

R.T.: 3.842 min
Delta R.T.: 0.000 min
Response: 92128954
Conc: 96.73 ng/ml



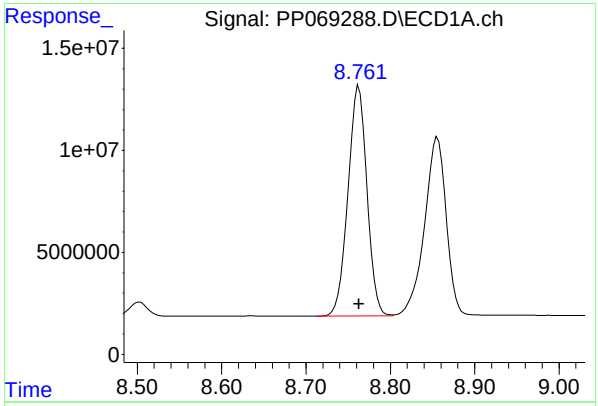
#2 Decachlorobiphenyl

R.T.: 10.278 min
Delta R.T.: 0.000 min
Response: 175428294
Conc: 95.47 ng/ml



#2 Decachlorobiphenyl

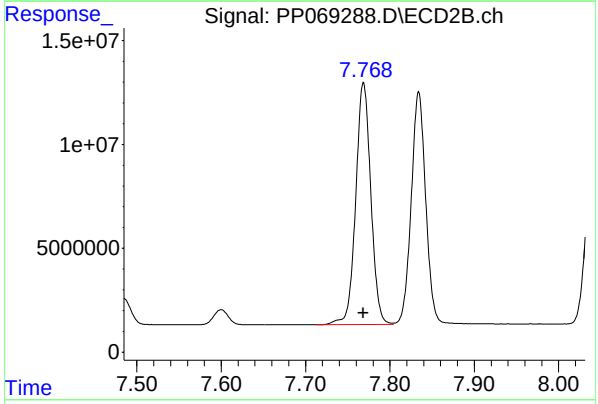
R.T.: 8.913 min
Delta R.T.: 0.000 min
Response: 173202373
Conc: 94.77 ng/ml



#41 AR-1268-1

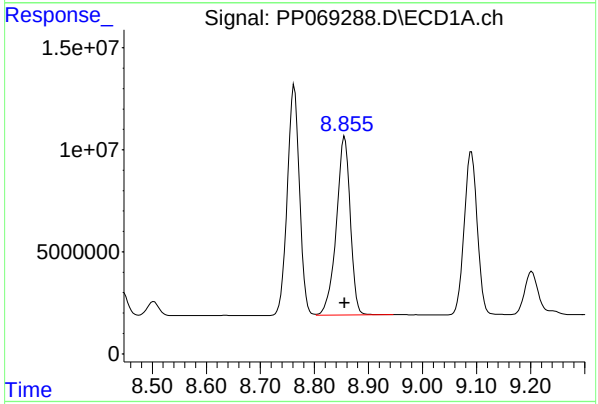
R.T.: 8.763 min
Delta R.T.: 0.000 min
Response: 176588317
Conc: 956.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



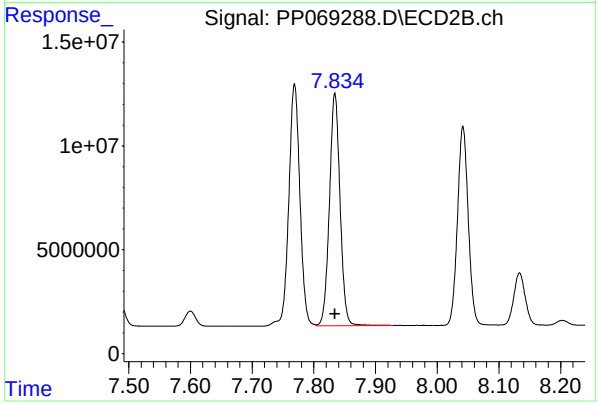
#41 AR-1268-1

R.T.: 7.769 min
Delta R.T.: 0.000 min
Response: 145329954
Conc: 947.24 ng/ml



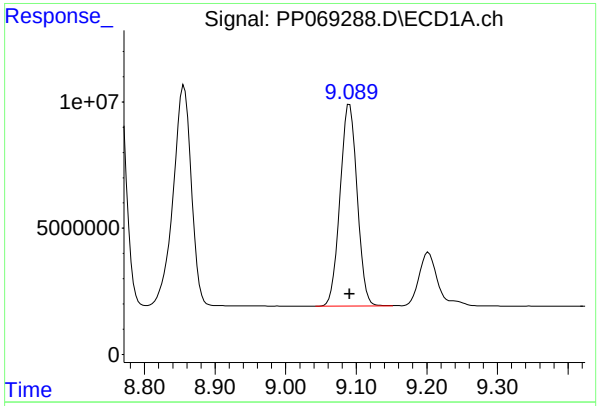
#42 AR-1268-2

R.T.: 8.856 min
Delta R.T.: 0.000 min
Response: 157019138
Conc: 955.35 ng/ml



#42 AR-1268-2

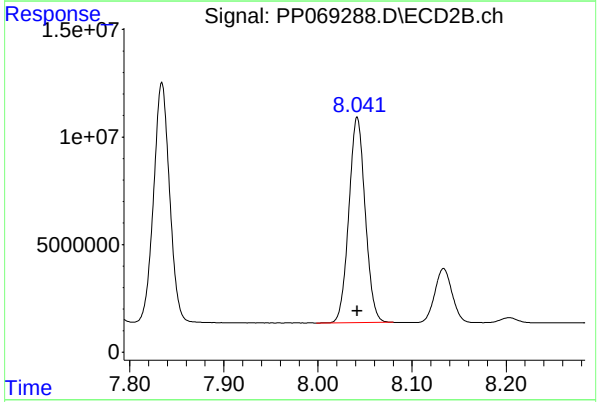
R.T.: 7.834 min
Delta R.T.: 0.000 min
Response: 134157524
Conc: 948.49 ng/ml



#43 AR-1268-3

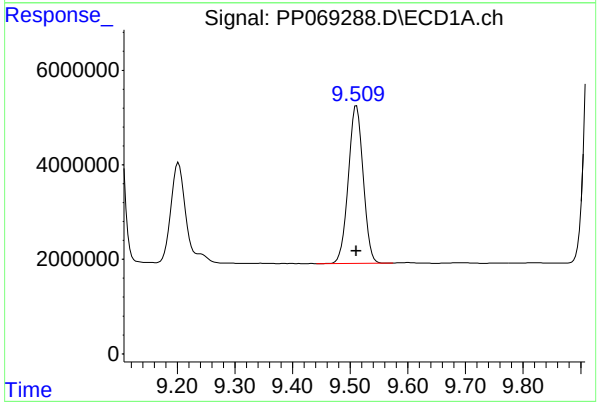
R.T.: 9.091 min
Delta R.T.: 0.000 min
Response: 134437818
Conc: 956.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



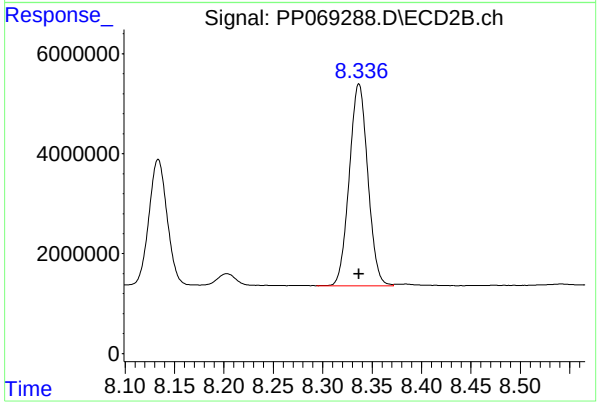
#43 AR-1268-3

R.T.: 8.042 min
Delta R.T.: 0.000 min
Response: 115152122
Conc: 951.00 ng/ml



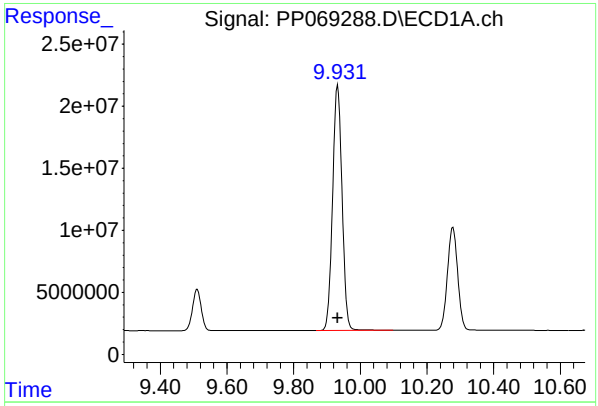
#44 AR-1268-4

R.T.: 9.511 min
Delta R.T.: 0.000 min
Response: 59595033
Conc: 959.03 ng/ml



#44 AR-1268-4

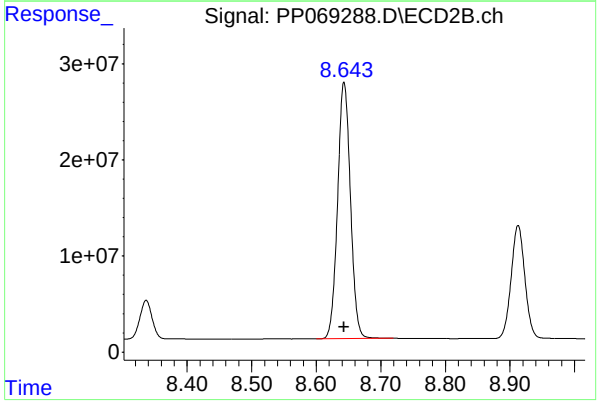
R.T.: 8.337 min
Delta R.T.: 0.000 min
Response: 52741395
Conc: 945.77 ng/ml



#45 AR-1268-5

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 388908034
Conc: 968.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



#45 AR-1268-5

R.T.: 8.643 min
Delta R.T.: 0.000 min
Response: 368786226
Conc: 969.91 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069289.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 16:42
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 17:19:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:10:22 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...	4.539	3.842	111.1E6	71903318	75.128	75.901
2)	SA Decachlor...	10.281	8.913	137.9E6	136.8E6	75.046	74.883
	Target Compounds						
41)	L9 AR-1268-1	8.763	7.769	138.6E6	112.6E6	750.252	738.987
42)	L9 AR-1268-2	8.858	7.833	123.3E6	104.3E6	750.168	741.423
43)	L9 AR-1268-3	9.093	8.042	105.3E6	88413325	749.171	736.666
44)	L9 AR-1268-4	9.513	8.337	46710125	41418932	751.118	745.142
45)	L9 AR-1268-5	9.935	8.643	302.5E6	288.2E6	751.971	755.369

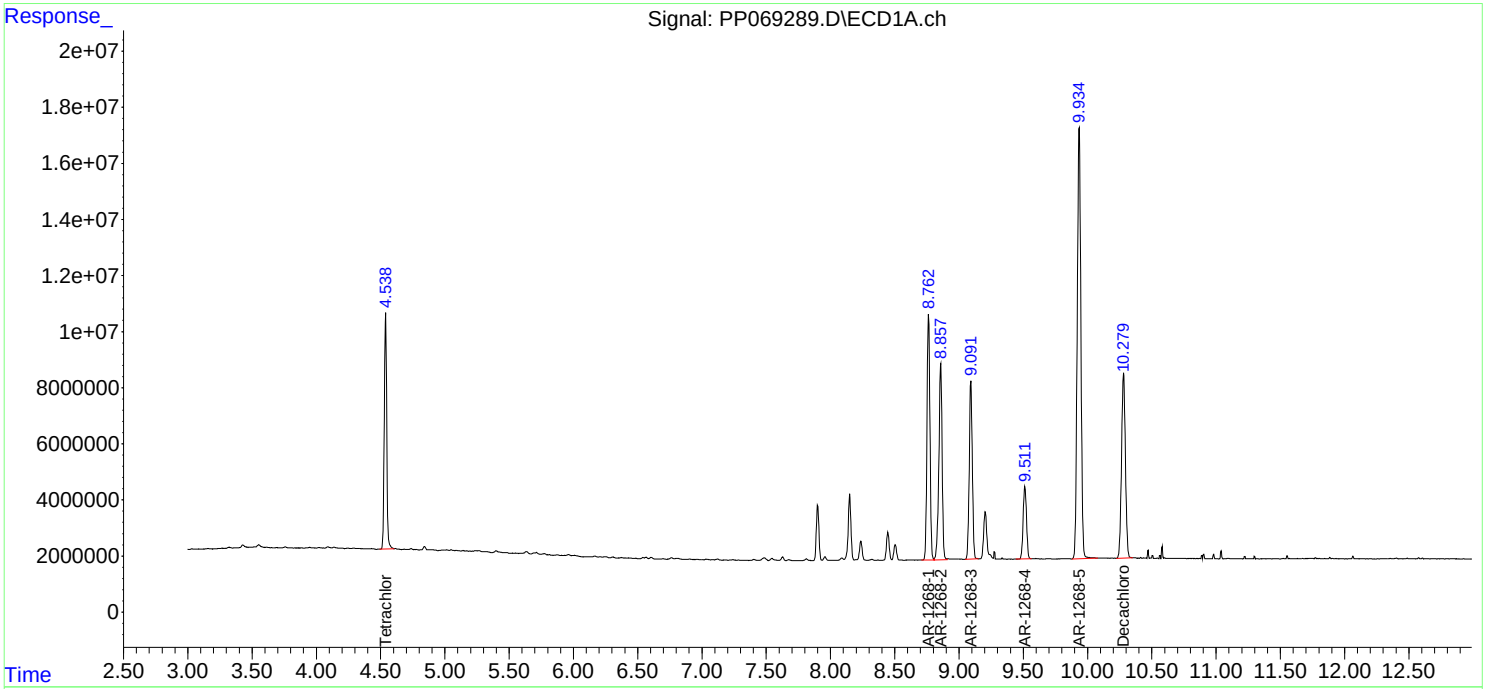
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

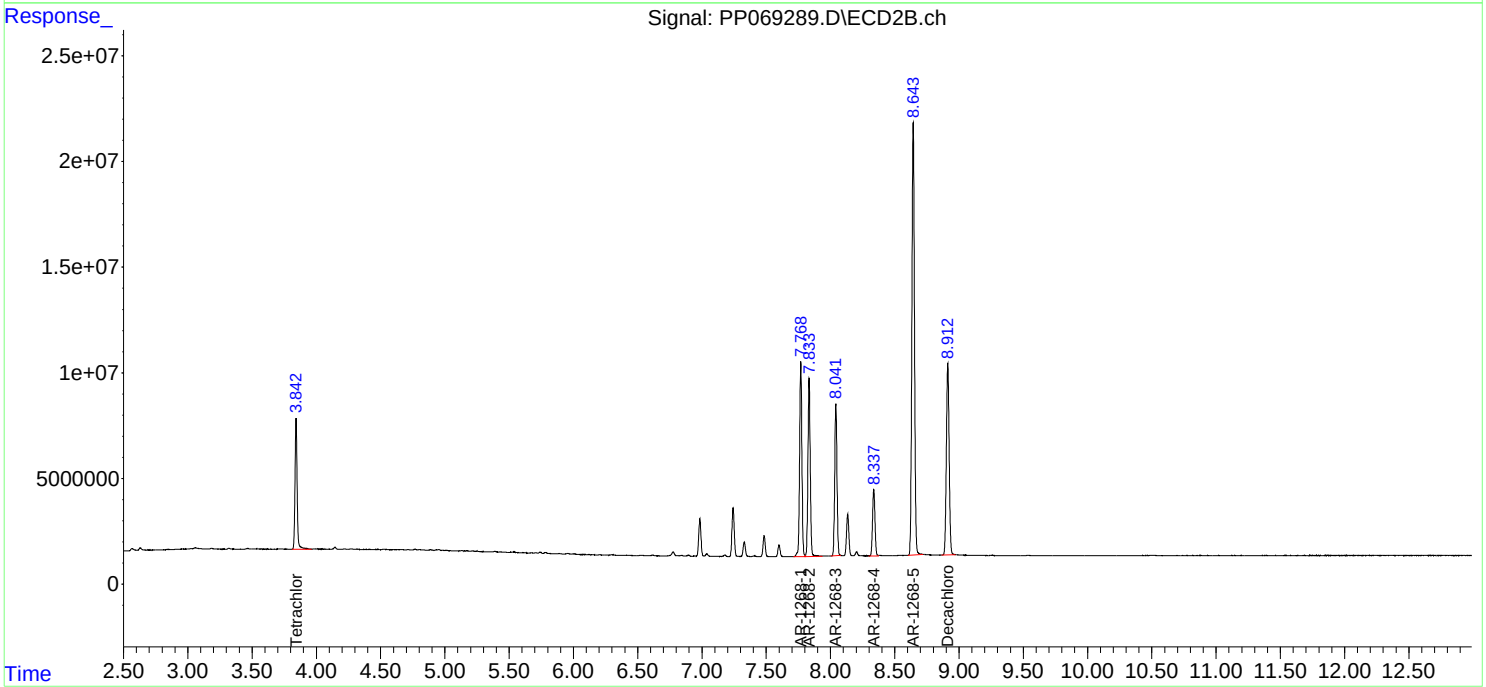
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069289.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 16:42
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

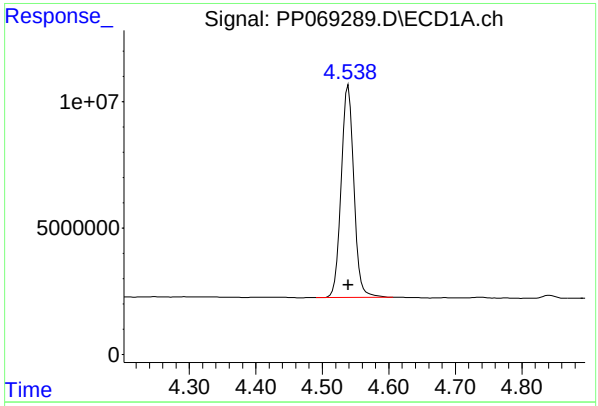
Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 17:19:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:10:22 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



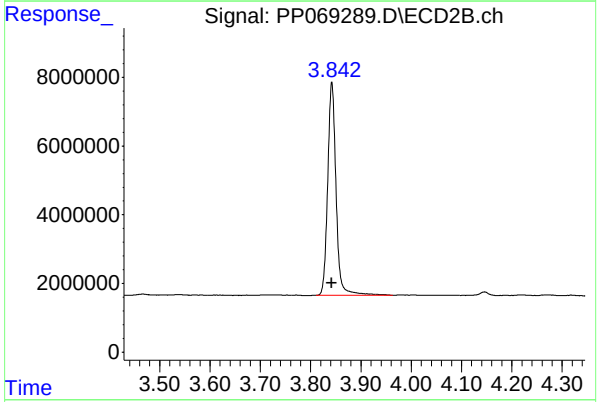




#1 Tetrachloro-m-xylene

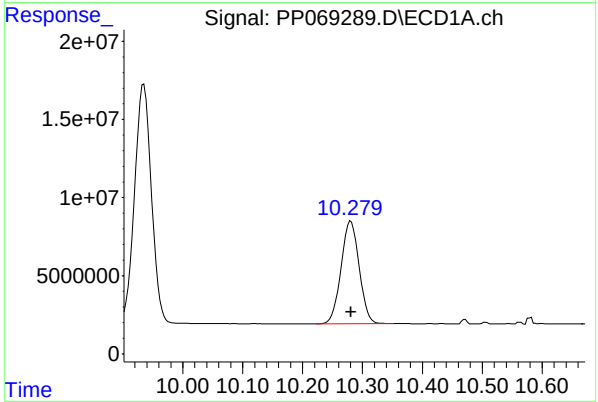
R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 111083181
Conc: 75.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



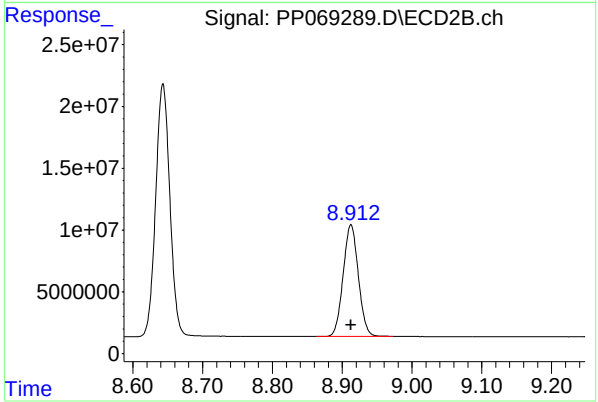
#1 Tetrachloro-m-xylene

R.T.: 3.842 min
Delta R.T.: 0.000 min
Response: 71903318
Conc: 75.90 ng/ml



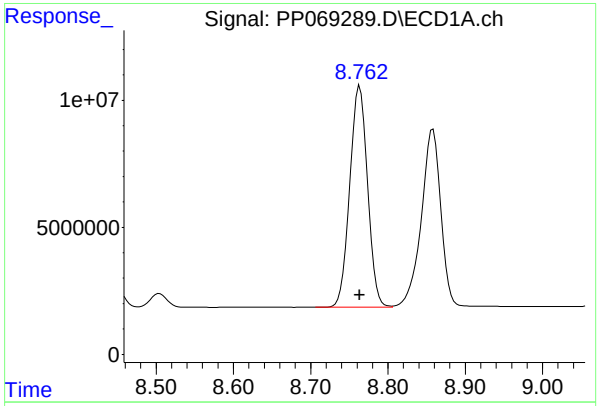
#2 Decachlorobiphenyl

R.T.: 10.281 min
Delta R.T.: 0.000 min
Response: 137945434
Conc: 75.05 ng/ml



#2 Decachlorobiphenyl

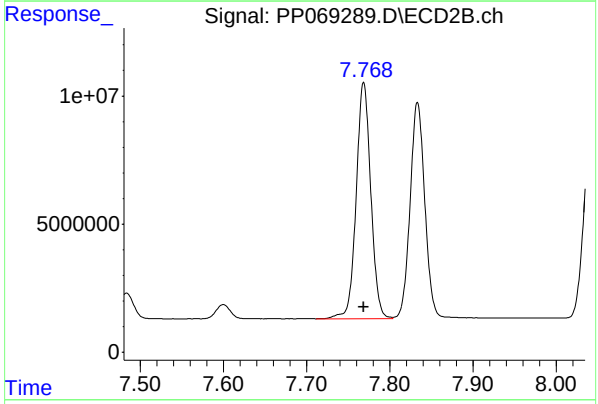
R.T.: 8.913 min
Delta R.T.: 0.000 min
Response: 136751385
Conc: 74.88 ng/ml



#41 AR-1268-1

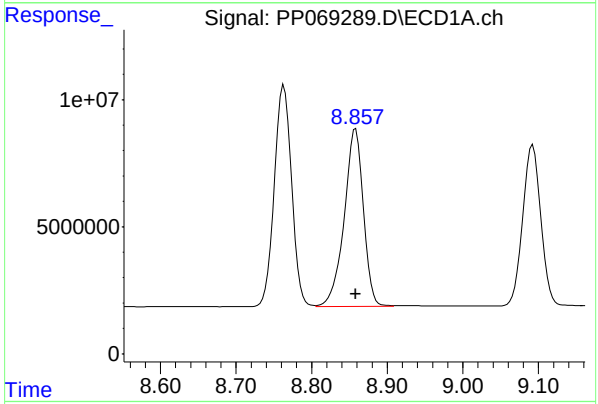
R.T.: 8.763 min
Delta R.T.: 0.000 min
Response: 138585052
Conc: 750.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



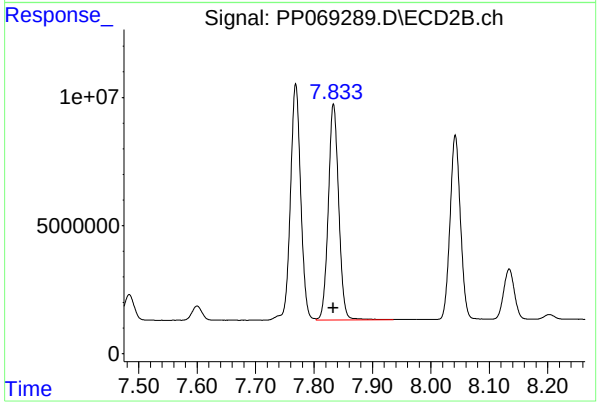
#41 AR-1268-1

R.T.: 7.769 min
Delta R.T.: 0.000 min
Response: 112552220
Conc: 738.99 ng/ml



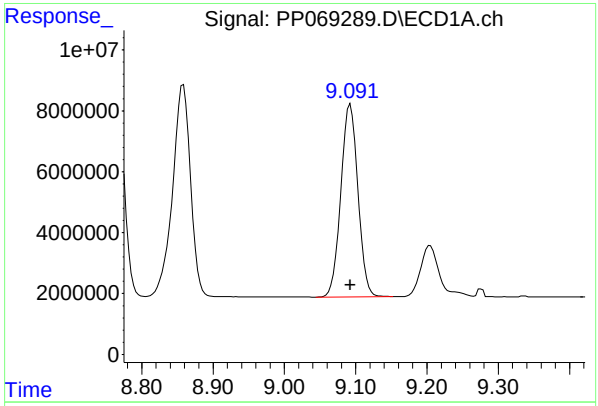
#42 AR-1268-2

R.T.: 8.858 min
Delta R.T.: 0.000 min
Response: 123310178
Conc: 750.17 ng/ml



#42 AR-1268-2

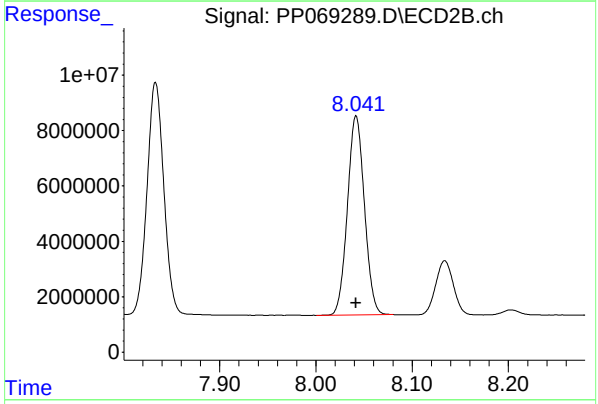
R.T.: 7.833 min
Delta R.T.: 0.000 min
Response: 104272620
Conc: 741.42 ng/ml



#43 AR-1268-3

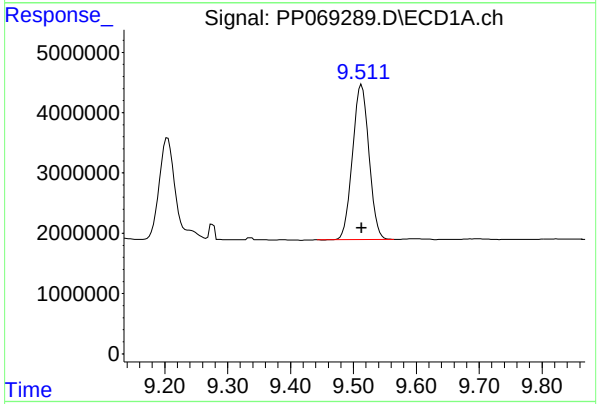
R.T.: 9.093 min
Delta R.T.: 0.000 min
Response: 105281503
Conc: 749.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



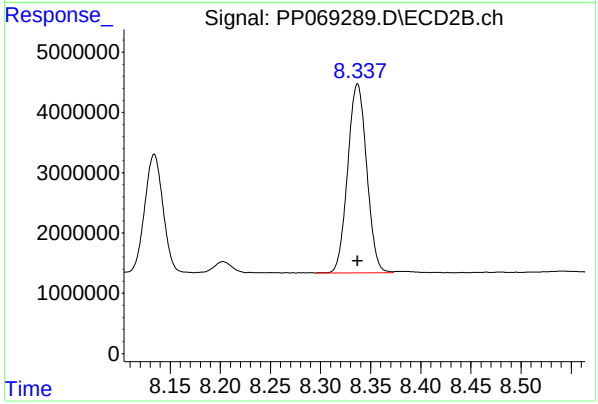
#43 AR-1268-3

R.T.: 8.042 min
Delta R.T.: 0.000 min
Response: 88413325
Conc: 736.67 ng/ml



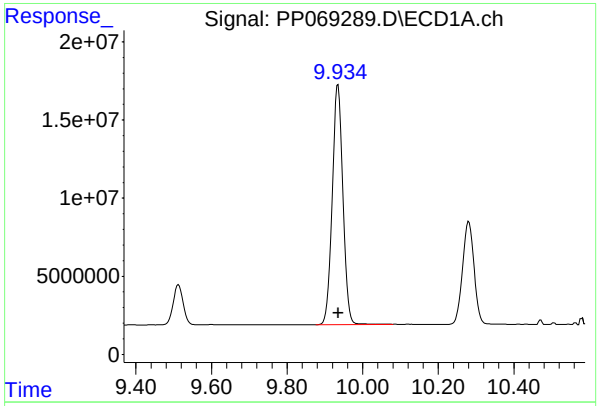
#44 AR-1268-4

R.T.: 9.513 min
Delta R.T.: 0.000 min
Response: 46710125
Conc: 751.12 ng/ml



#44 AR-1268-4

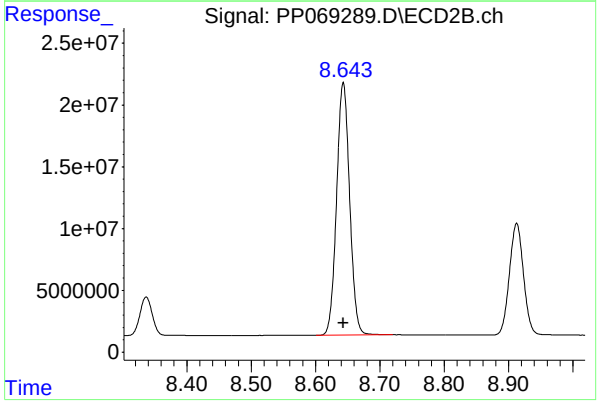
R.T.: 8.337 min
Delta R.T.: 0.000 min
Response: 41418932
Conc: 745.14 ng/ml



#45 AR-1268-5

R.T.: 9.935 min
Delta R.T.: 0.000 min
Response: 302467764
Conc: 751.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



#45 AR-1268-5

R.T.: 8.643 min
Delta R.T.: 0.000 min
Response: 288242952
Conc: 755.37 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069290.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 16:58
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 17:11:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:10:22 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...	4.536	3.841	76862426	49181825	50.000	50.000
2)	SA Decachlor...	10.279	8.911	96042801	96162855	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	8.761	7.768	96392837	80759270	500.000	500.000
42)	L9 AR-1268-2	8.855	7.833	85848712	74363836	500.000	500.000
43)	L9 AR-1268-3	9.090	8.040	73389481	63508948	500.000	500.000
44)	L9 AR-1268-4	9.510	8.335	32343556	29394578	500.000	500.000
45)	L9 AR-1268-5	9.932	8.641	207.3E6	195.8E6	500.000	500.000

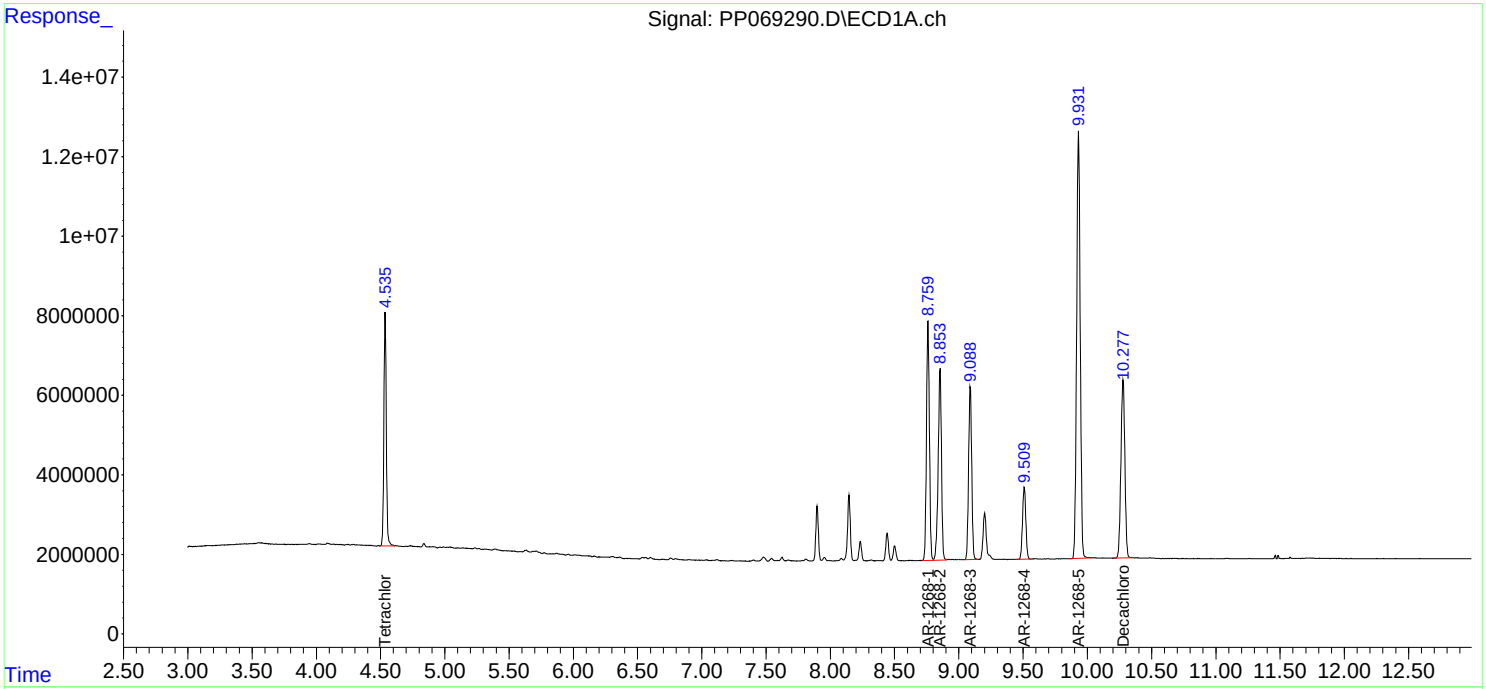
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

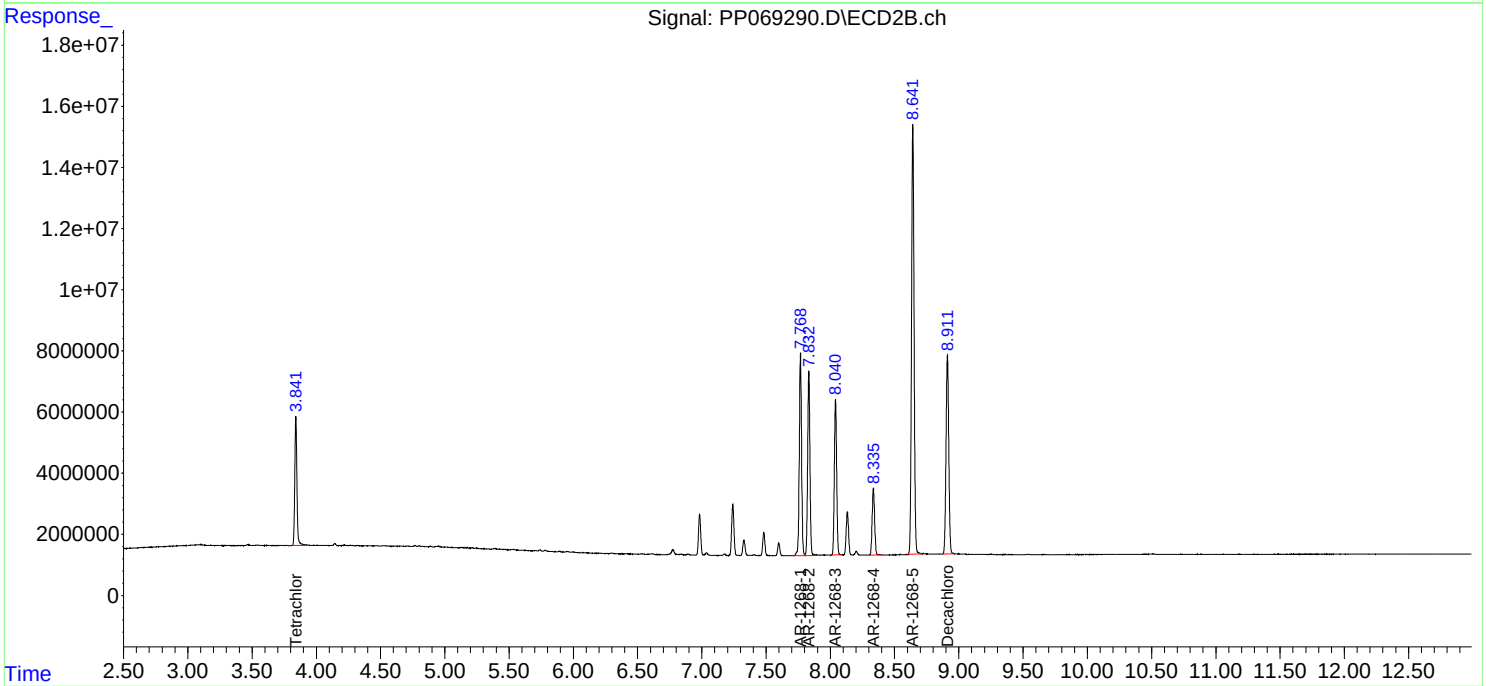
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069290.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 16:58
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

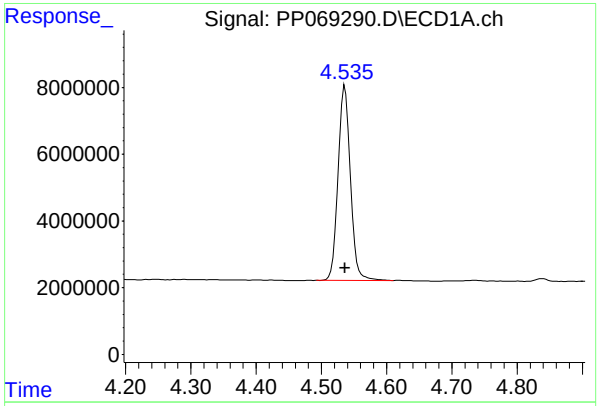
Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 17:11:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:10:22 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



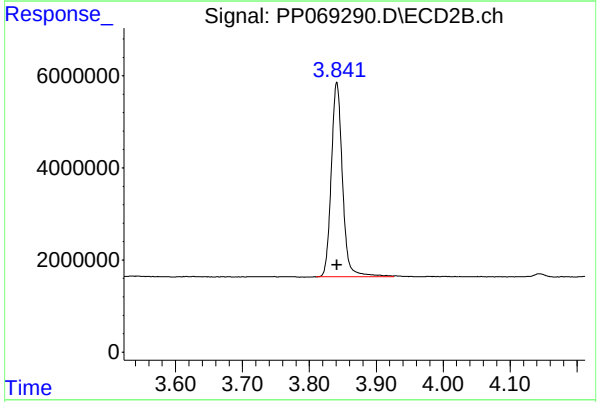




#1 Tetrachloro-m-xylene

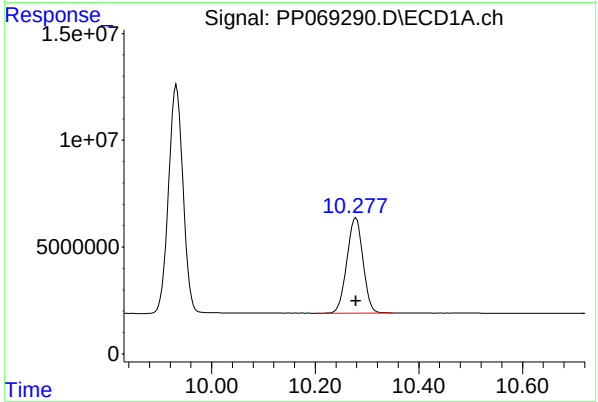
R.T.: 4.536 min
Delta R.T.: 0.000 min
Response: 76862426
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



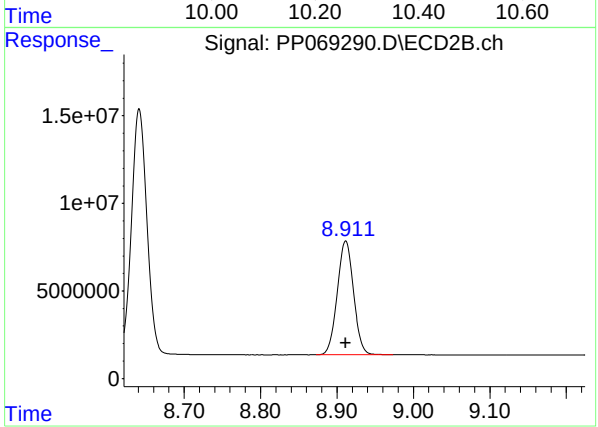
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 49181825
Conc: 50.00 ng/ml



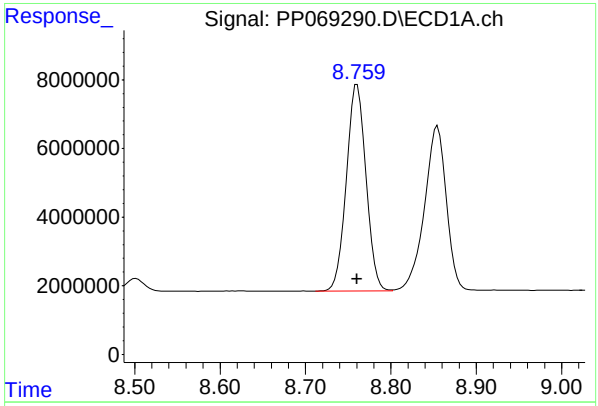
#2 Decachlorobiphenyl

R.T.: 10.279 min
Delta R.T.: 0.000 min
Response: 96042801
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

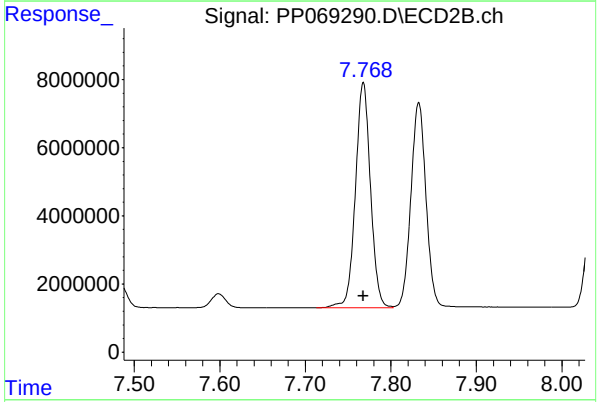
R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 96162855
Conc: 50.00 ng/ml



#41 AR-1268-1

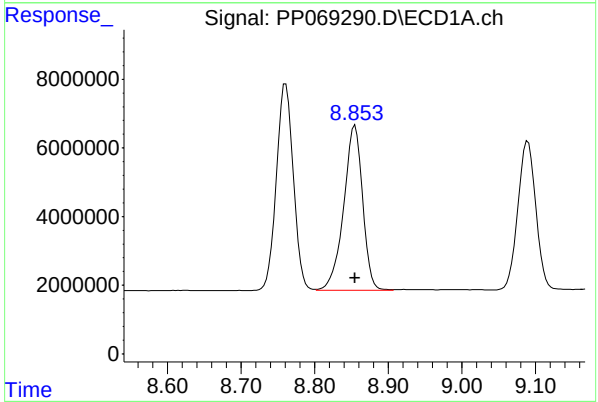
R.T.: 8.761 min
Delta R.T.: 0.000 min
Response: 96392837
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



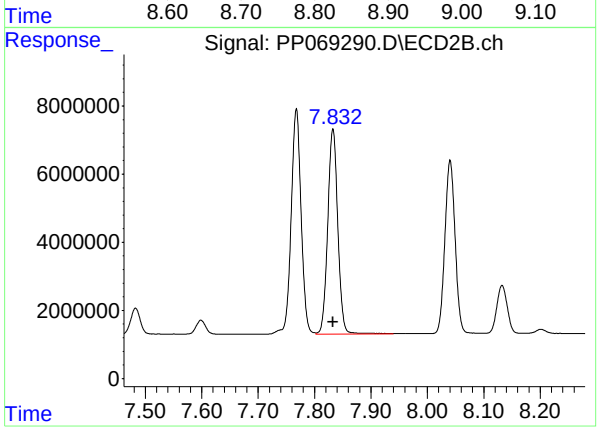
#41 AR-1268-1

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 80759270
Conc: 500.00 ng/ml



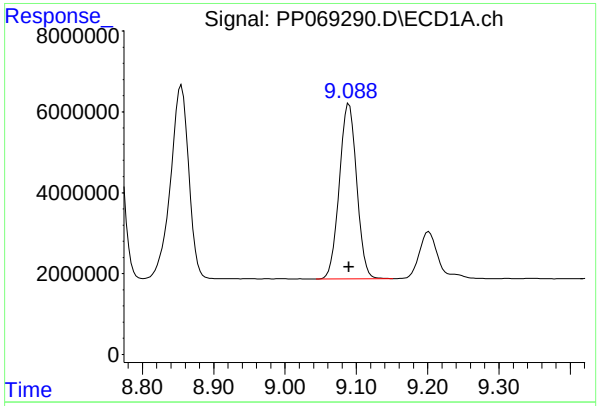
#42 AR-1268-2

R.T.: 8.855 min
Delta R.T.: 0.000 min
Response: 85848712
Conc: 500.00 ng/ml



#42 AR-1268-2

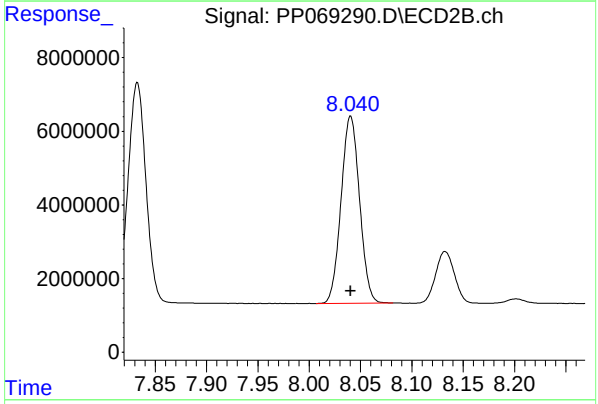
R.T.: 7.833 min
Delta R.T.: 0.000 min
Response: 74363836
Conc: 500.00 ng/ml



#43 AR-1268-3

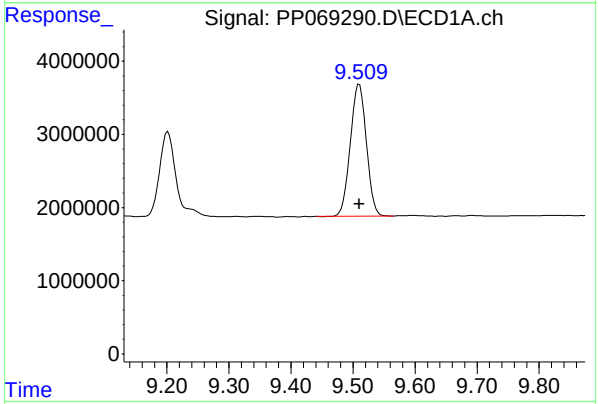
R.T.: 9.090 min
Delta R.T.: 0.000 min
Response: 73389481
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



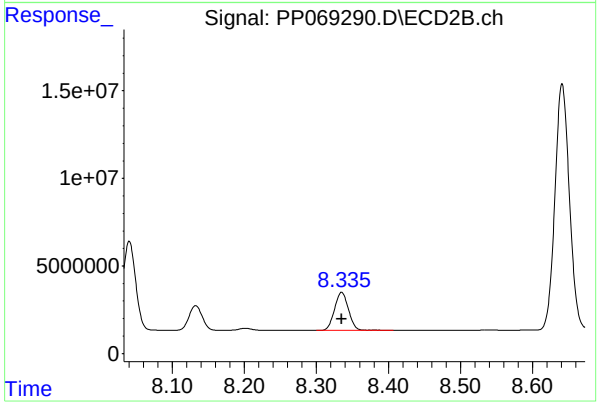
#43 AR-1268-3

R.T.: 8.040 min
Delta R.T.: 0.000 min
Response: 63508948
Conc: 500.00 ng/ml



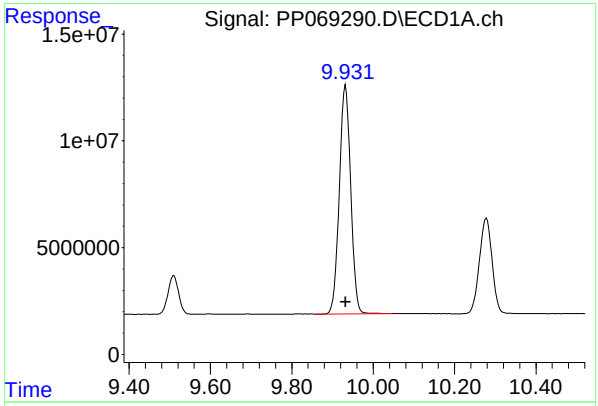
#44 AR-1268-4

R.T.: 9.510 min
Delta R.T.: 0.000 min
Response: 32343556
Conc: 500.00 ng/ml



#44 AR-1268-4

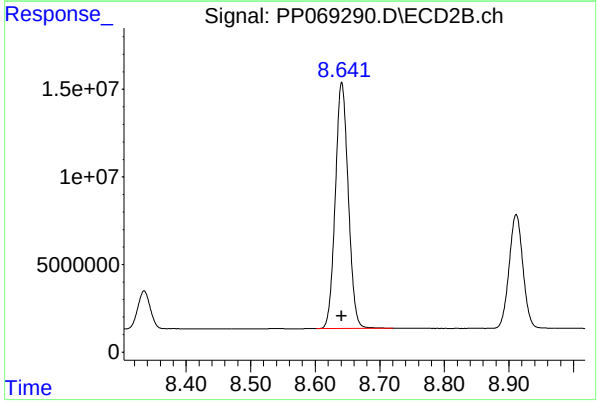
R.T.: 8.335 min
Delta R.T.: 0.000 min
Response: 29394578
Conc: 500.00 ng/ml



#45 AR-1268-5

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 207250635
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



#45 AR-1268-5

R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 195833465
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069291.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 17:14
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 17:28:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:28:39 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...	4.553	3.841	39693299	25406430	26.359	26.193
2)	SA Decachlor...	10.293	8.912	50826883	48064273	26.937	25.976
	Target Compounds						
41)	L9 AR-1268-1	8.778	7.768	50705640	40061895	267.938	259.651
42)	L9 AR-1268-2	8.872	7.832	44793849	36640221	266.509	257.814
43)	L9 AR-1268-3	9.106	8.041	38627120	31135456	268.197	257.001
44)	L9 AR-1268-4	9.527	8.336	16972703	14773829	266.811	261.656
45)	L9 AR-1268-5	9.947	8.642	109.1E6	95443492	265.618	250.089

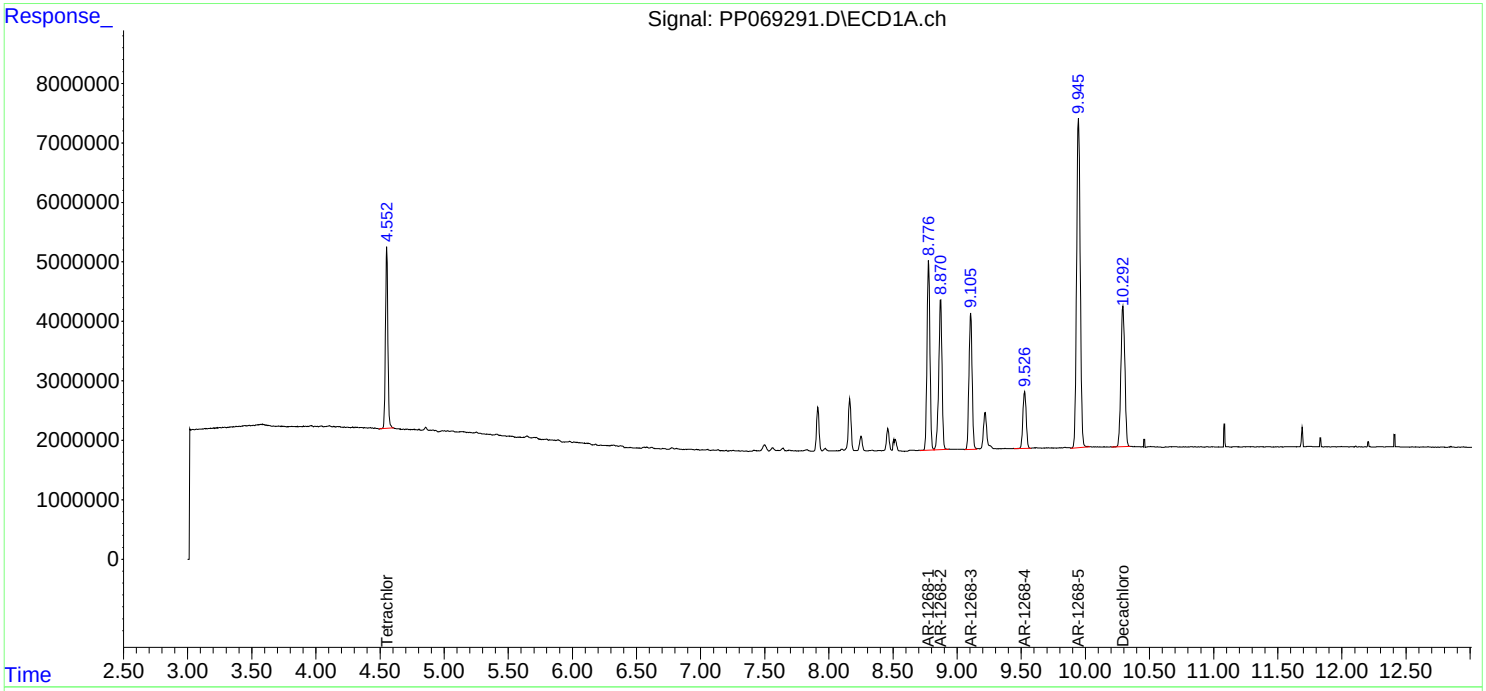
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

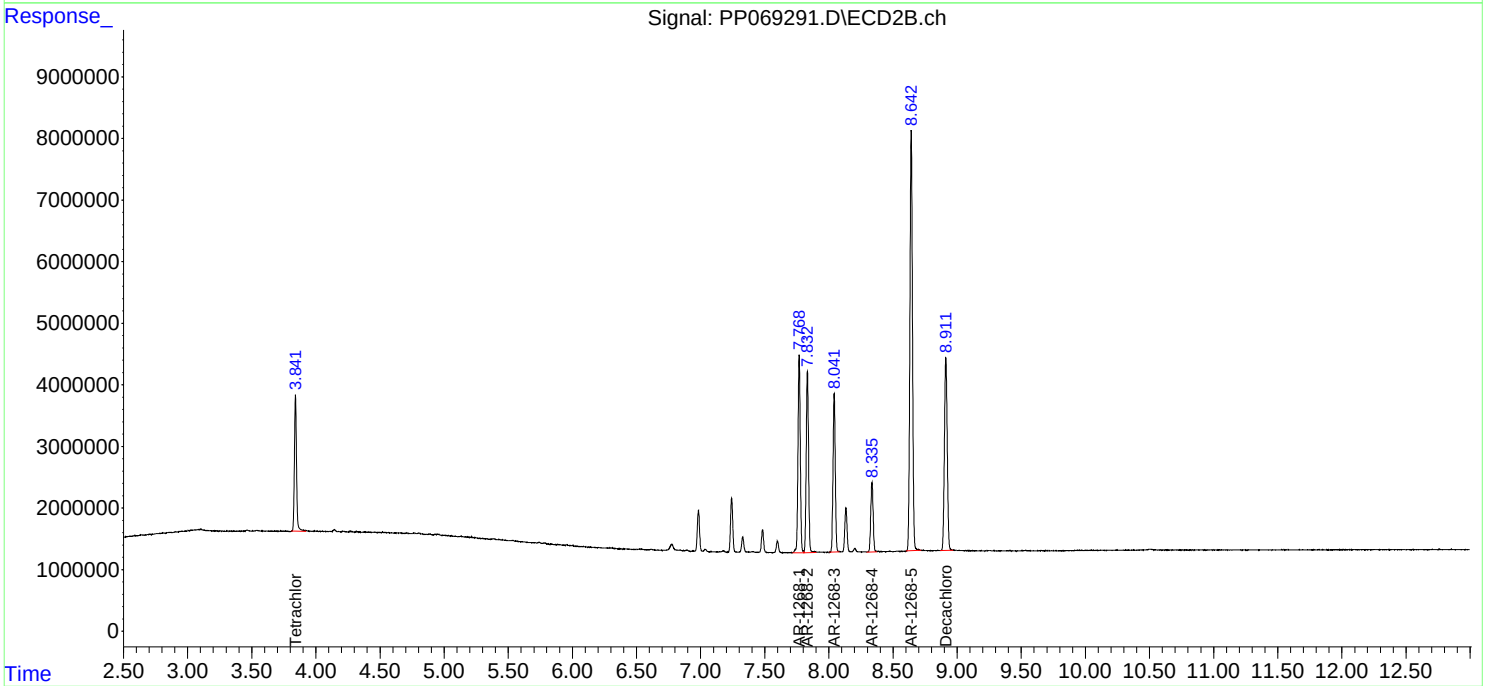
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069291.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 17:14
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

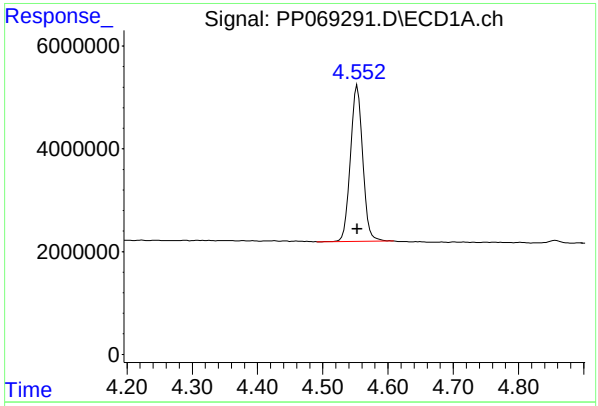
Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 17:28:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:28:39 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



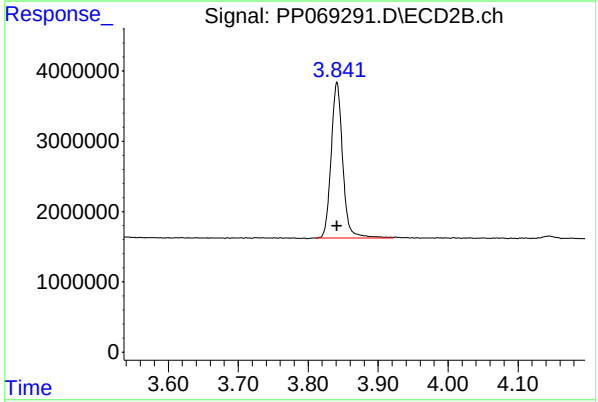




#1 Tetrachloro-m-xylene

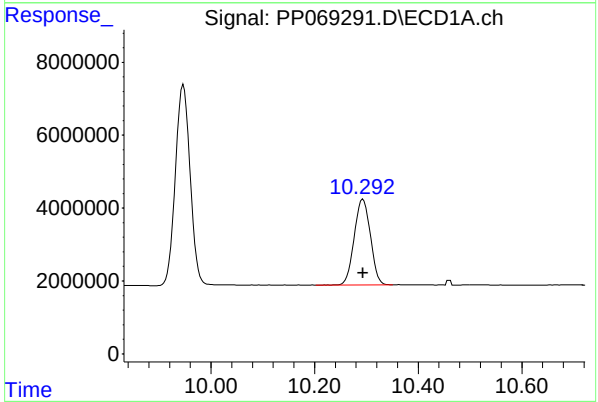
R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 39693299
Conc: 26.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



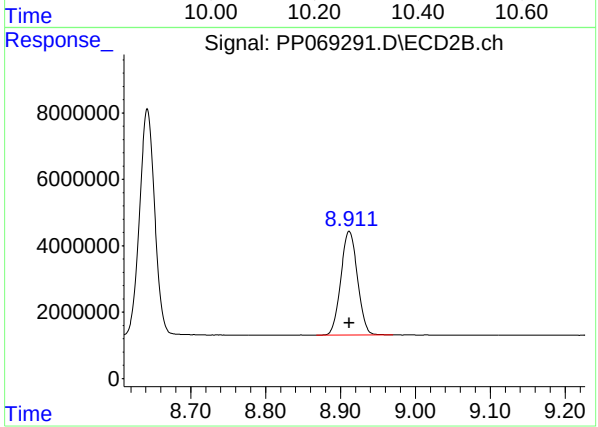
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 25406430
Conc: 26.19 ng/ml



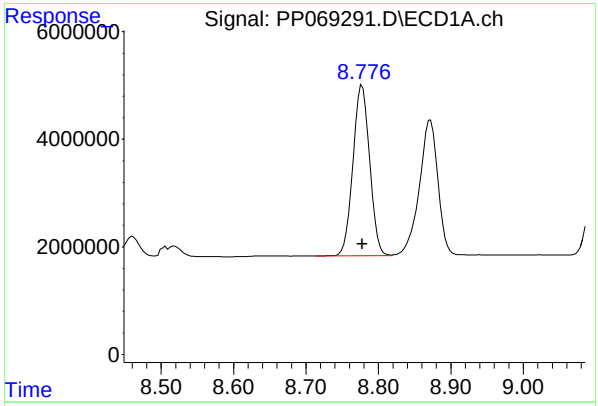
#2 Decachlorobiphenyl

R.T.: 10.293 min
Delta R.T.: 0.000 min
Response: 50826883
Conc: 26.94 ng/ml



#2 Decachlorobiphenyl

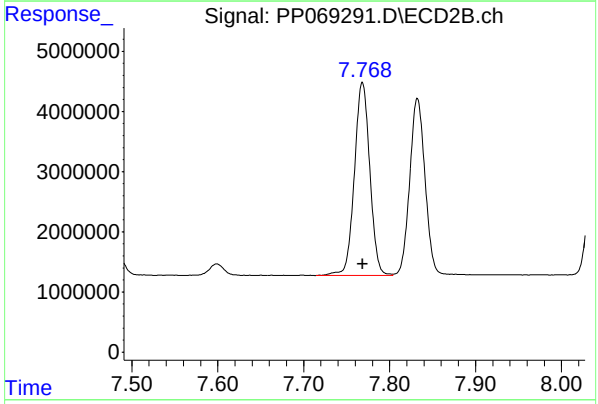
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 48064273
Conc: 25.98 ng/ml



#41 AR-1268-1

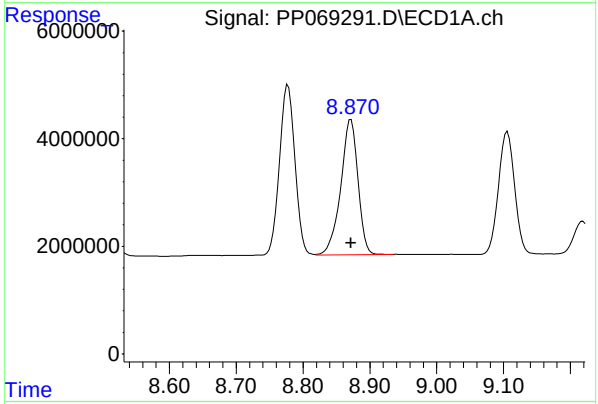
R.T.: 8.778 min
Delta R.T.: 0.000 min
Response: 50705640
Conc: 267.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



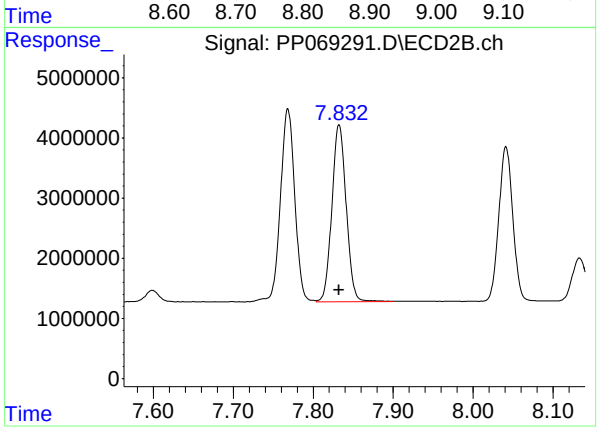
#41 AR-1268-1

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 40061895
Conc: 259.65 ng/ml



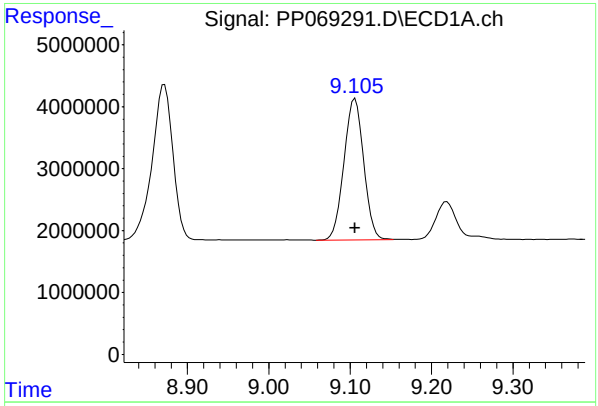
#42 AR-1268-2

R.T.: 8.872 min
Delta R.T.: 0.000 min
Response: 44793849
Conc: 266.51 ng/ml



#42 AR-1268-2

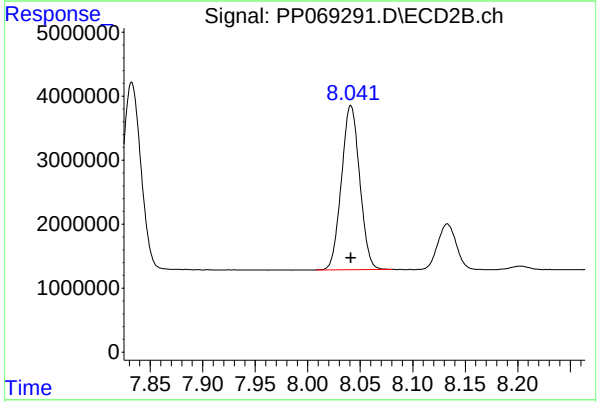
R.T.: 7.832 min
Delta R.T.: 0.000 min
Response: 36640221
Conc: 257.81 ng/ml



#43 AR-1268-3

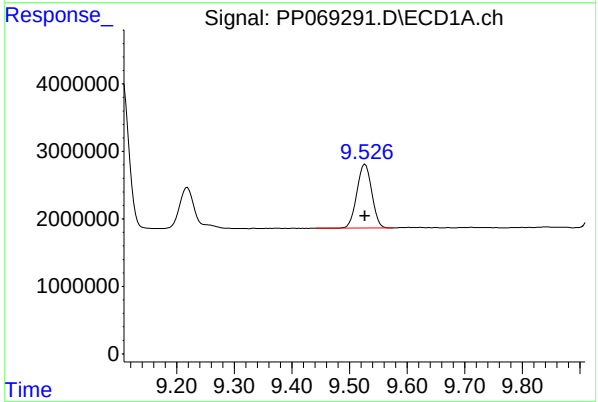
R.T.: 9.106 min
Delta R.T.: 0.000 min
Response: 38627120
Conc: 268.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



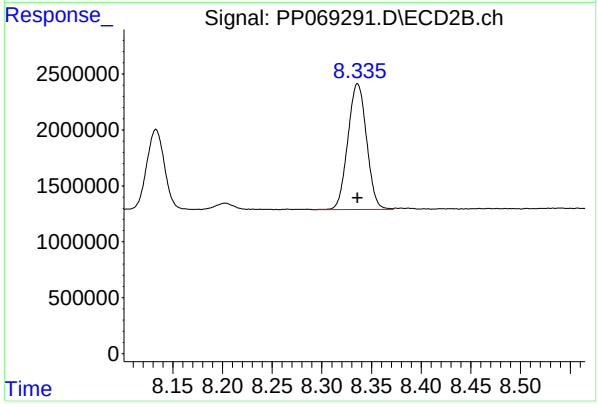
#43 AR-1268-3

R.T.: 8.041 min
Delta R.T.: 0.000 min
Response: 31135456
Conc: 257.00 ng/ml



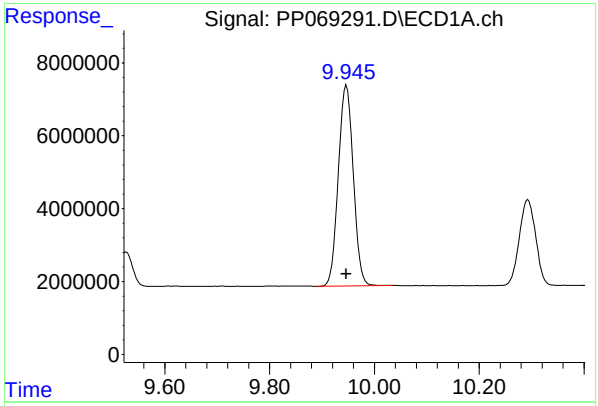
#44 AR-1268-4

R.T.: 9.527 min
Delta R.T.: 0.000 min
Response: 16972703
Conc: 266.81 ng/ml



#44 AR-1268-4

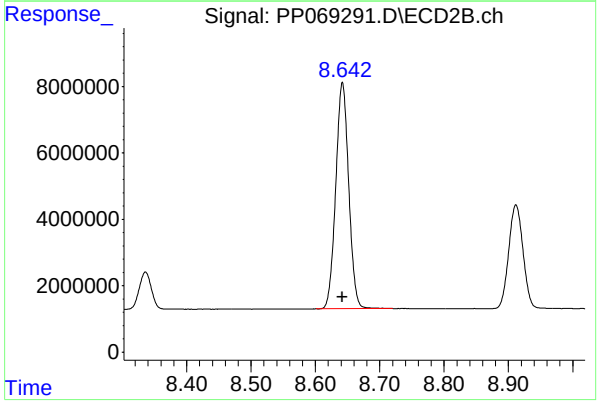
R.T.: 8.336 min
Delta R.T.: 0.000 min
Response: 14773829
Conc: 261.66 ng/ml



#45 AR-1268-5

R.T.: 9.947 min
Delta R.T.: 0.000 min
Response: 109112771
Conc: 265.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



#45 AR-1268-5

R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 95443492
Conc: 250.09 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069292.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 17:30
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 17:46:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:46:12 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...	4.537	3.840	4537630	2929843	3.283m	3.277m
2)	SA Decachlor...	10.278	8.910	5979560	6573940	3.419	3.771
	Target Compounds						
41)	L9 AR-1268-1	8.763	7.767	6295775	5422252	35.654	37.363
42)	L9 AR-1268-2	8.857	7.832	5727609	4780082	36.395	35.990
43)	L9 AR-1268-3	9.093	8.039	4626946	4204668	34.600	36.968
44)	L9 AR-1268-4	9.511	8.335	1957538	1726940	33.336	33.161
45)	L9 AR-1268-5	9.933	8.641	13066763	12717604	34.305	35.705

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069292.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 17:30
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

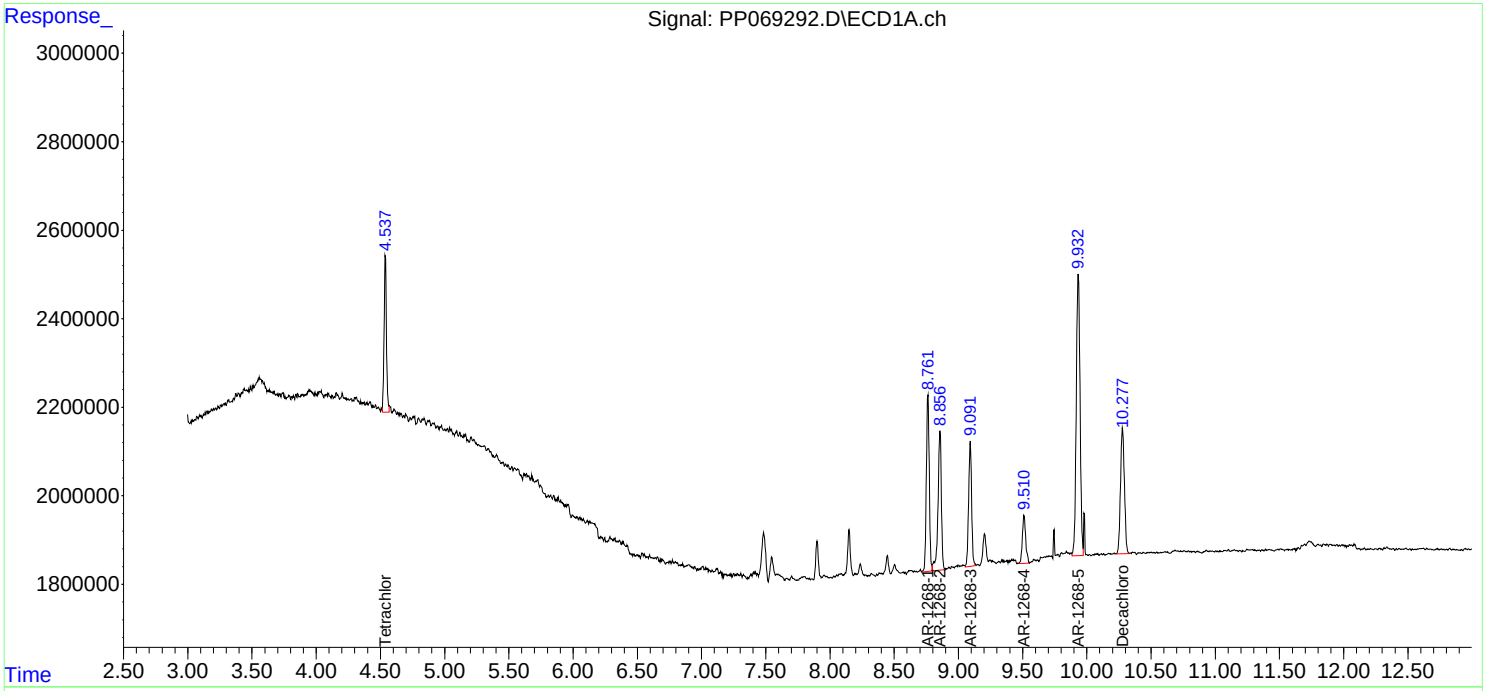
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

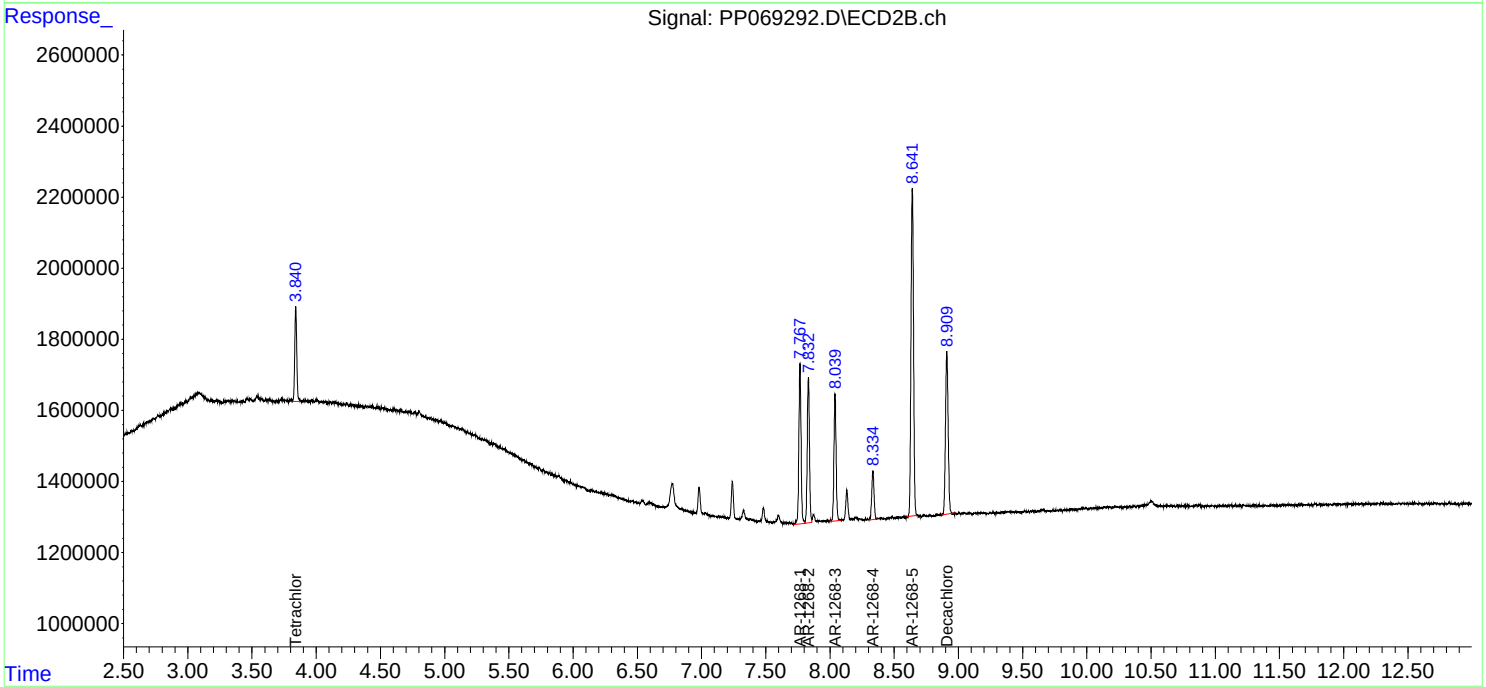
Manual Integrations APPROVED

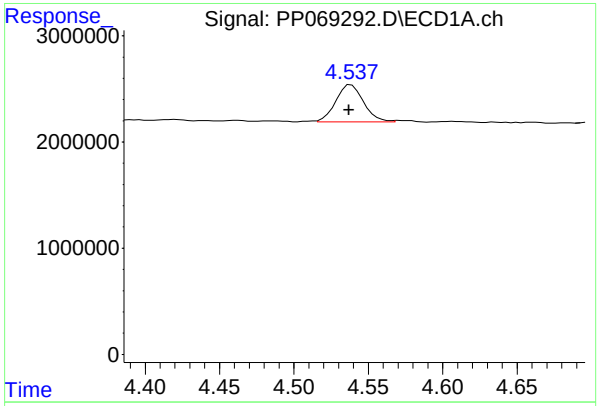
Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 17:46:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:46:12 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







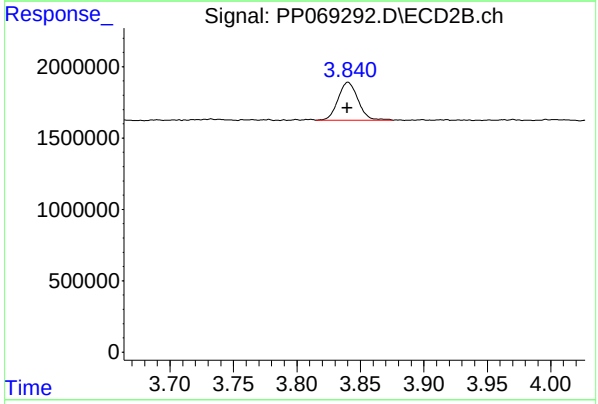
#1 Tetrachloro-m-xylene

R.T.: 4.537 min
Delta R.T.: 0.000 min
Response: 4537630
Conc: 3.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

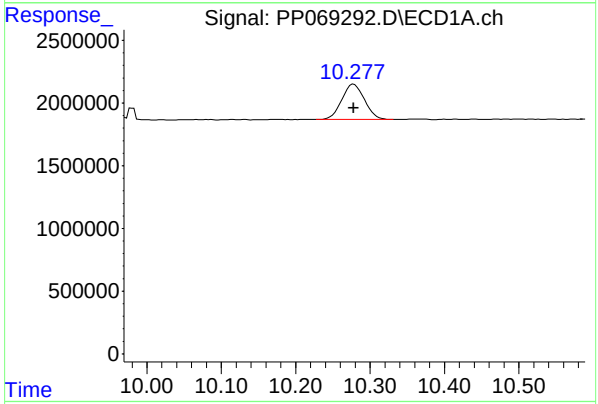
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



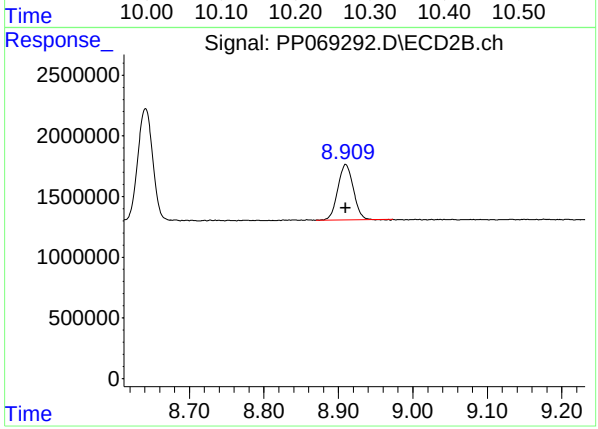
#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 2929843
Conc: 3.28 ng/ml m



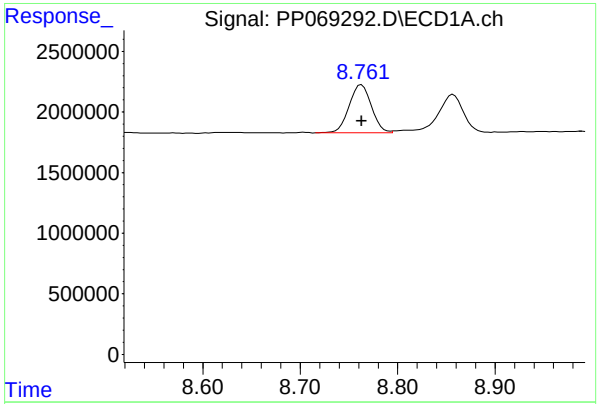
#2 Decachlorobiphenyl

R.T.: 10.278 min
Delta R.T.: 0.000 min
Response: 5979560
Conc: 3.42 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.910 min
Delta R.T.: 0.000 min
Response: 6573940
Conc: 3.77 ng/ml



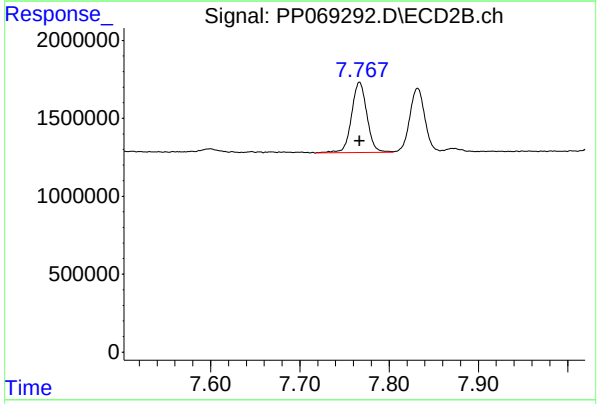
#41 AR-1268-1

R.T.: 8.763 min
Delta R.T.: 0.000 min
Response: 6295775
Conc: 35.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

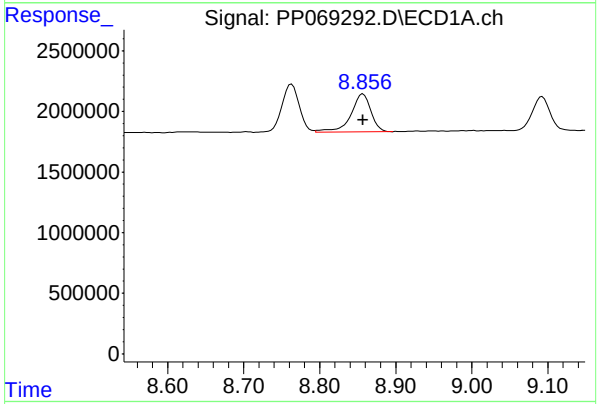
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



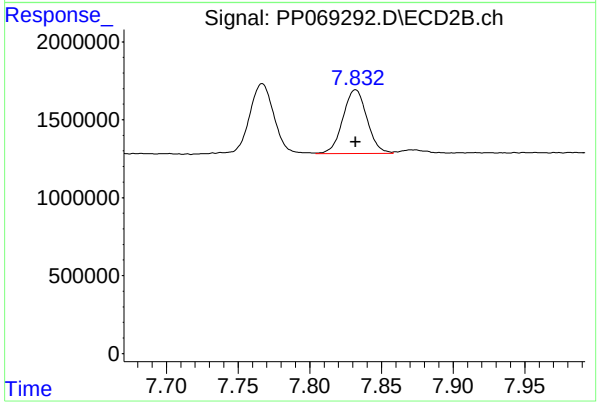
#41 AR-1268-1

R.T.: 7.767 min
Delta R.T.: 0.000 min
Response: 5422252
Conc: 37.36 ng/ml



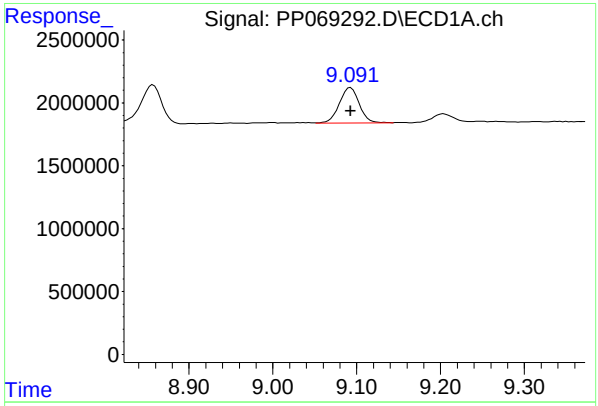
#42 AR-1268-2

R.T.: 8.857 min
Delta R.T.: 0.000 min
Response: 5727609
Conc: 36.40 ng/ml



#42 AR-1268-2

R.T.: 7.832 min
Delta R.T.: 0.000 min
Response: 4780082
Conc: 35.99 ng/ml



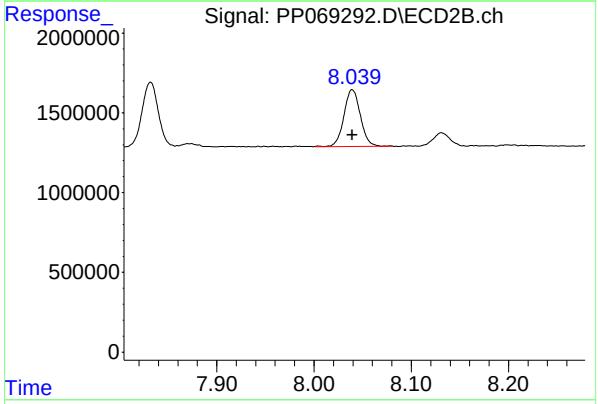
#43 AR-1268-3

R.T.: 9.093 min
Delta R.T.: 0.000 min
Response: 4626946
Conc: 34.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

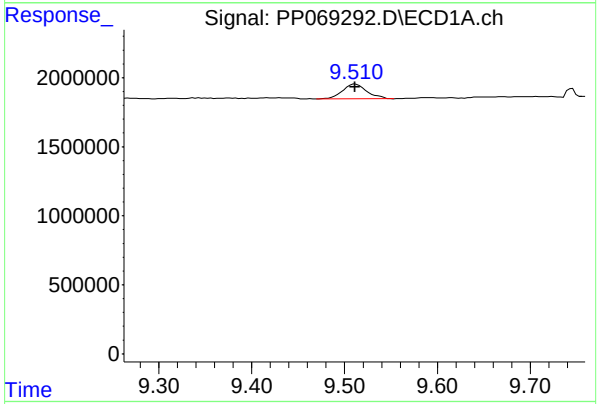
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



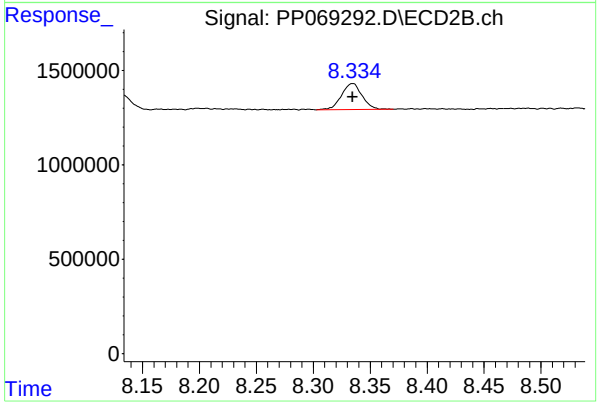
#43 AR-1268-3

R.T.: 8.039 min
Delta R.T.: 0.000 min
Response: 4204668
Conc: 36.97 ng/ml



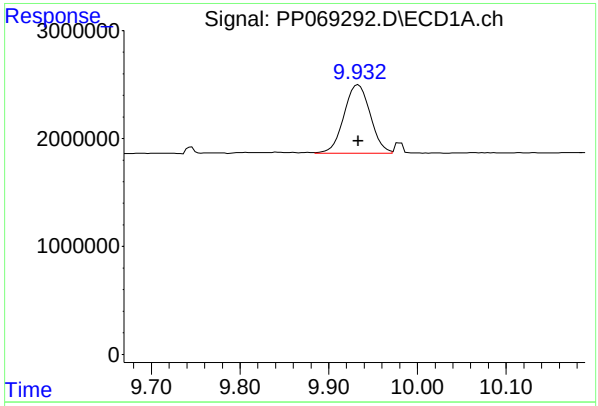
#44 AR-1268-4

R.T.: 9.511 min
Delta R.T.: 0.000 min
Response: 1957538
Conc: 33.34 ng/ml



#44 AR-1268-4

R.T.: 8.335 min
Delta R.T.: 0.000 min
Response: 1726940
Conc: 33.16 ng/ml



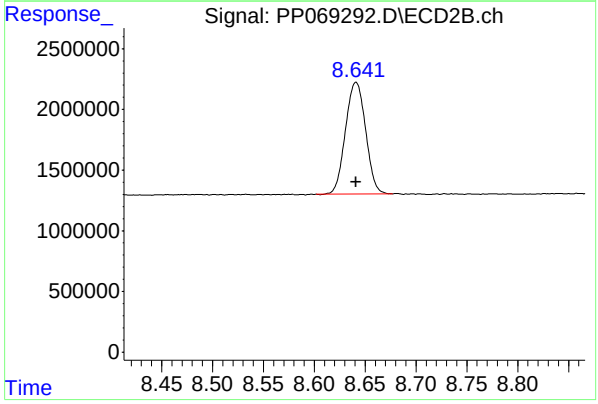
#45 AR-1268-5

R.T.: 9.933 min
Delta R.T.: 0.000 min
Response: 13066763
Conc: 34.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



#45 AR-1268-5

R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 12717604
Conc: 35.71 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069293.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 17:47
Operator : YP\AJ
Sample : PP012825ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP012825

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 17:59:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:55:36 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.534	3.841	74230451	47659652	51.856	53.398
2)	SA Decachlor...	10.274	8.911	57553327	56187297	52.661	50.235
	Target Compounds						
3)	L1 AR-1016-1	5.688	4.934	24061581	16845536	519.319	516.496
4)	L1 AR-1016-2	5.709	4.953	34728146	23100033	511.632	513.809
5)	L1 AR-1016-3	5.772	5.131	21101112	12951595	495.371	520.479
6)	L1 AR-1016-4	5.869	5.172	18055342	10646965	515.860	527.175
7)	L1 AR-1016-5	6.163	5.388	16717226	13663941	505.686	509.394
31)	L7 AR-1260-1	7.283	6.427	30214710	25313813	517.054	524.861
32)	L7 AR-1260-2	7.537	6.615	38414643	31274552	493.680	510.158
33)	L7 AR-1260-3	7.896	6.770	31738047	29037300	507.652	482.697
34)	L7 AR-1260-4	8.120	7.244	33029814	24263249	500.628	522.153
35)	L7 AR-1260-5	8.443	7.483	66012339	57109170	504.196	513.825

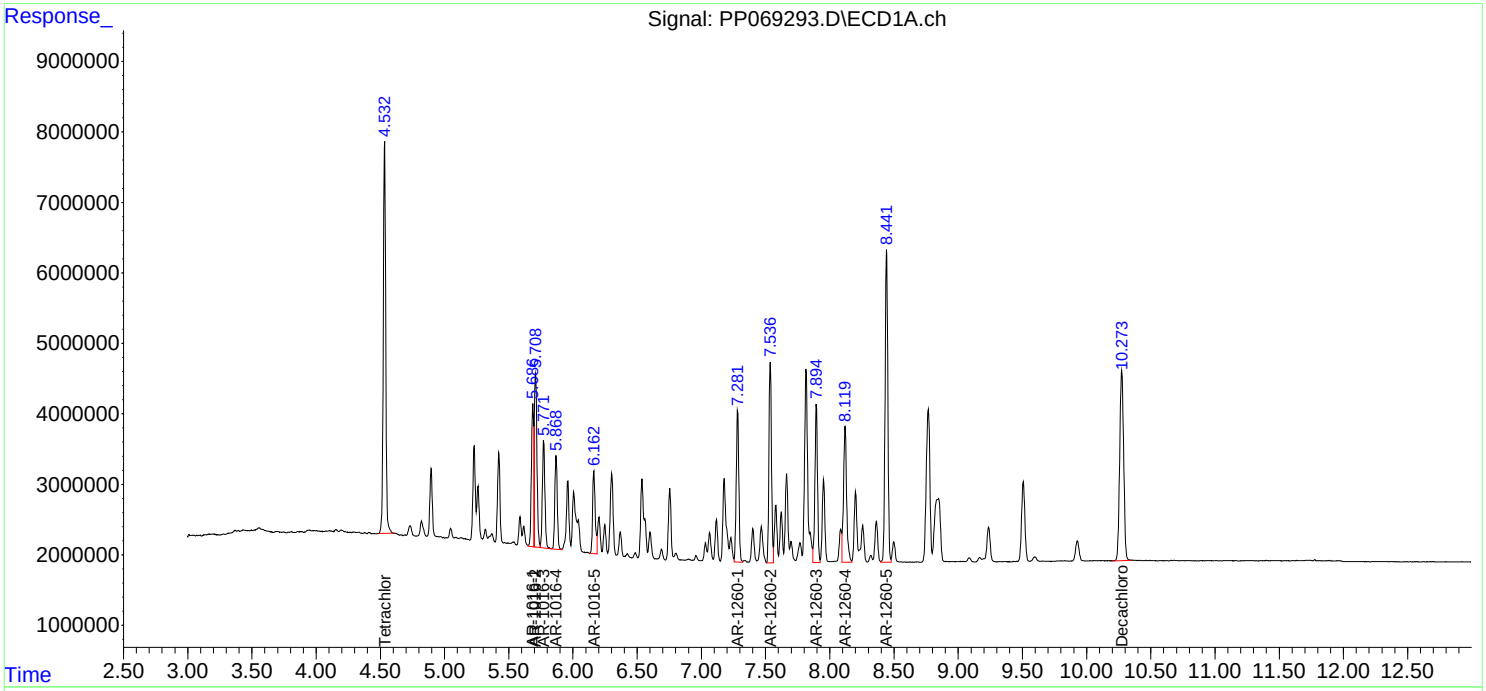
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

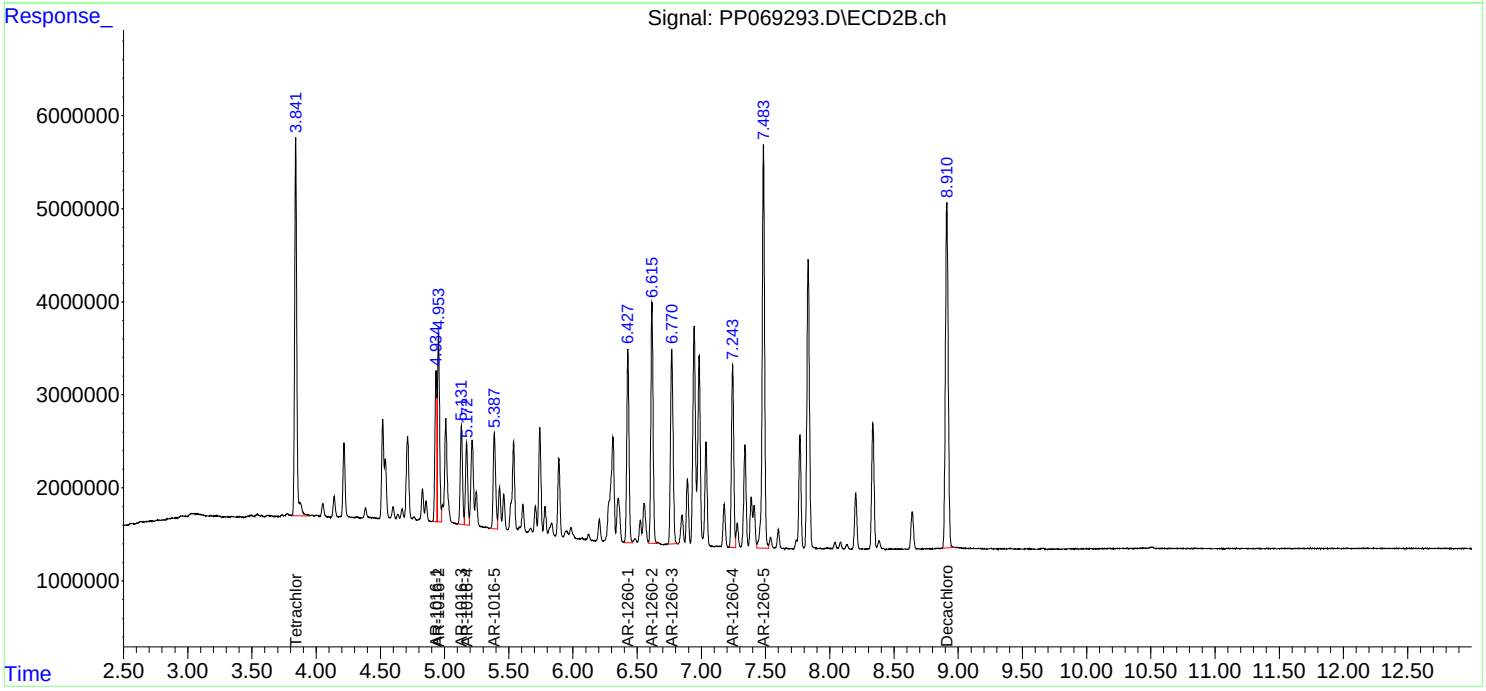
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069293.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 17:47
Operator : YP\AJ
Sample : PP012825ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

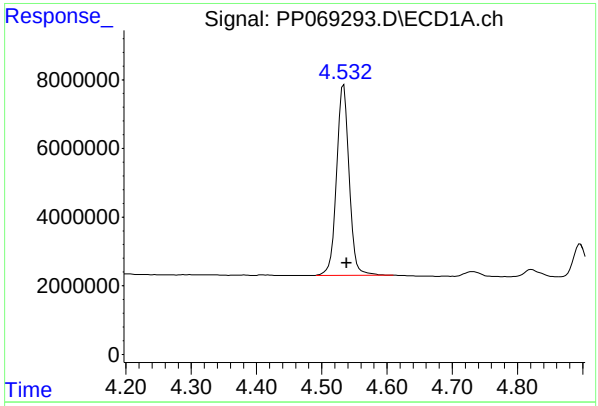
Instrument :
ECD_P
ClientSampleId :
ICVPP012825

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 17:59:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:55:36 2025
Response via : Initial Calibration
Integrator: ChemStation

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



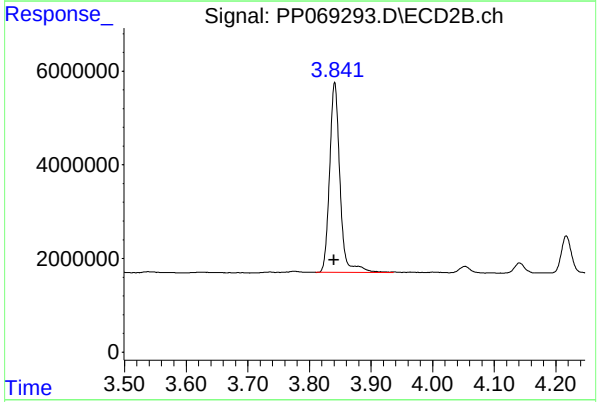




#1 Tetrachloro-m-xylene

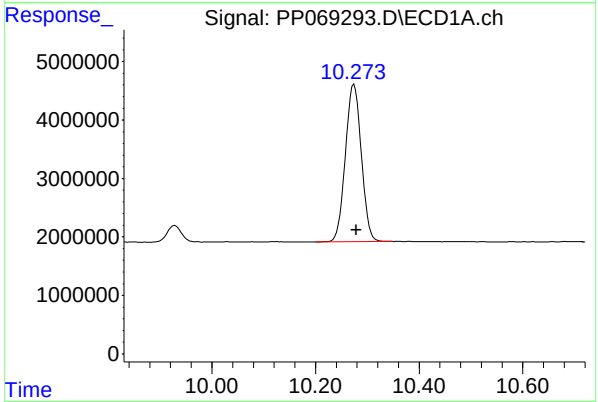
R.T.: 4.534 min
Delta R.T.: -0.004 min
Response: 74230451
Conc: 51.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825



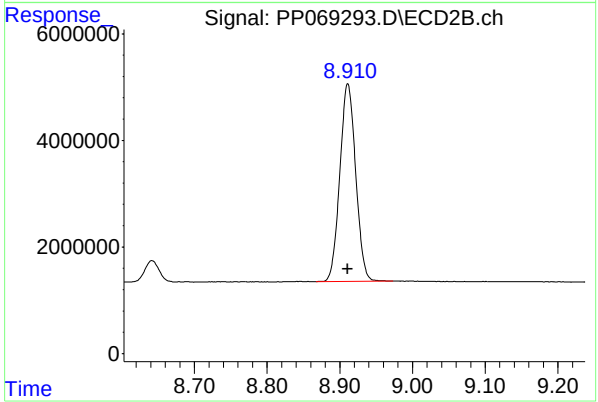
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.001 min
Response: 47659652
Conc: 53.40 ng/ml



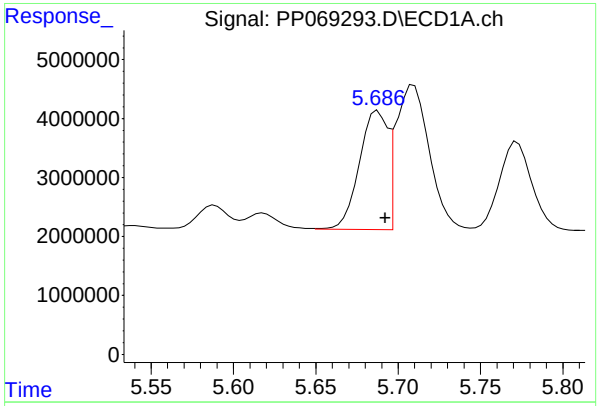
#2 Decachlorobiphenyl

R.T.: 10.274 min
Delta R.T.: -0.004 min
Response: 57553327
Conc: 52.66 ng/ml



#2 Decachlorobiphenyl

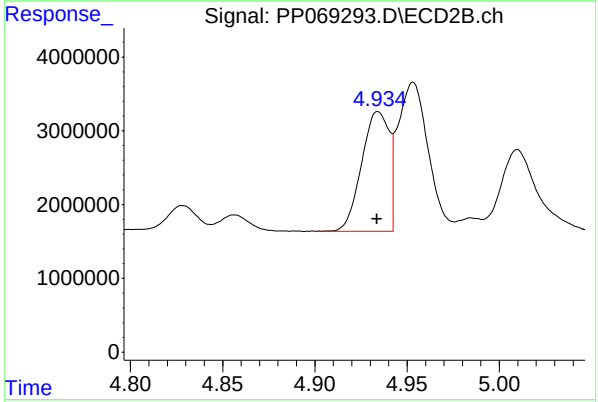
R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 56187297
Conc: 50.24 ng/ml



#3 AR-1016-1

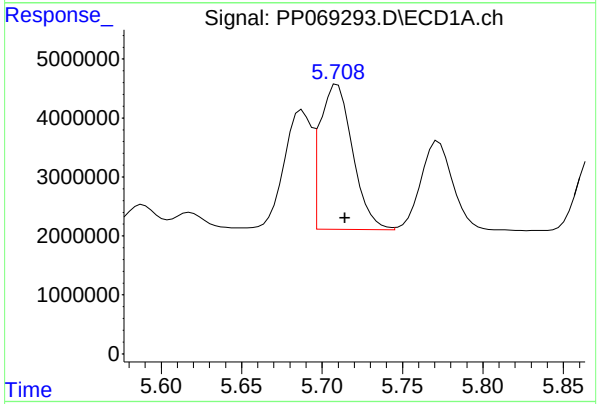
R.T.: 5.688 min
Delta R.T.: -0.004 min
Response: 24061581
Conc: 519.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825



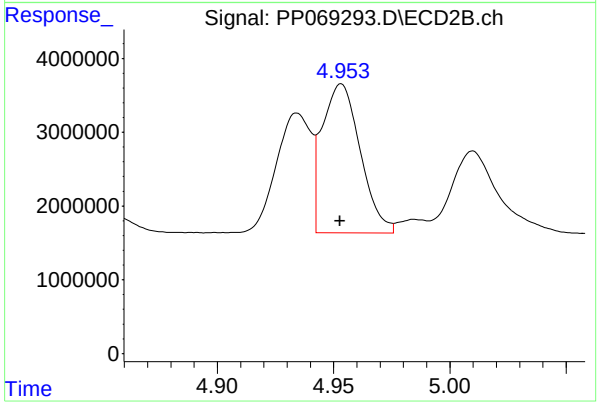
#3 AR-1016-1

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 16845536
Conc: 516.50 ng/ml



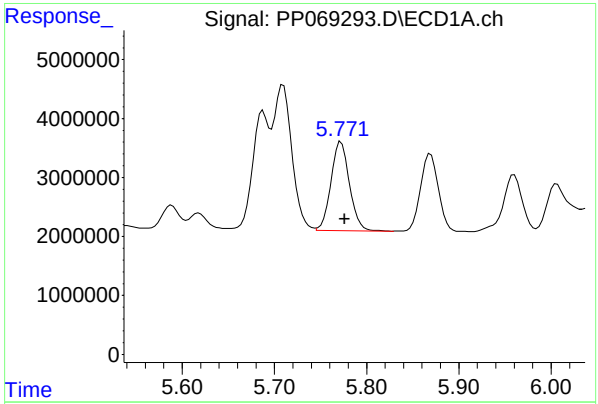
#4 AR-1016-2

R.T.: 5.709 min
Delta R.T.: -0.005 min
Response: 34728146
Conc: 511.63 ng/ml



#4 AR-1016-2

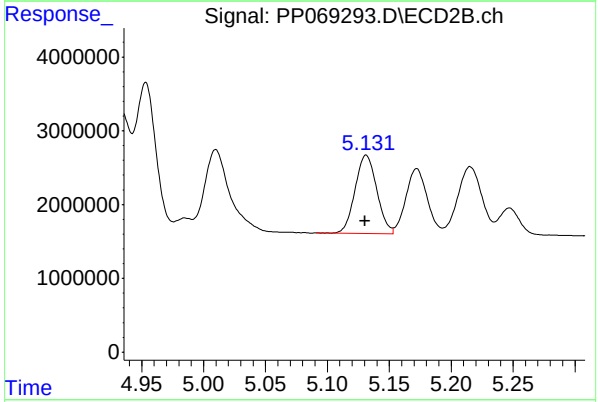
R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 23100033
Conc: 513.81 ng/ml



#5 AR-1016-3

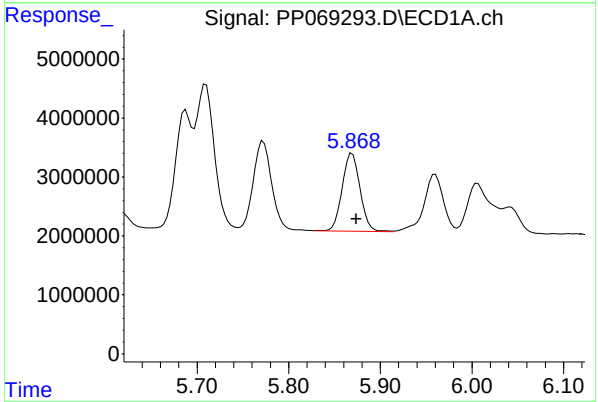
R.T.: 5.772 min
Delta R.T.: -0.004 mi
Response: 21101112
Conc: 495.37 ng/m

Instrument :
ECD_P
ClientSampleId :
ICVPP012825



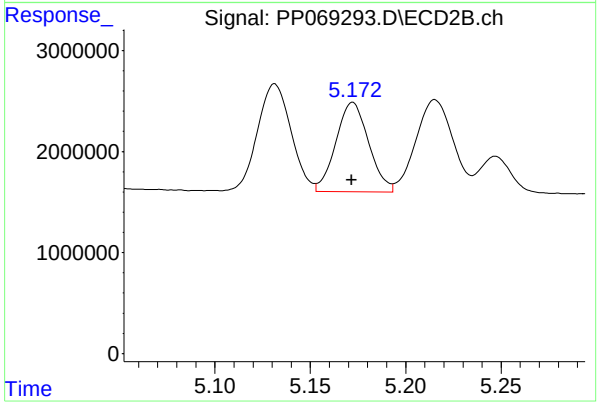
#5 AR-1016-3

R.T.: 5.131 min
Delta R.T.: 0.001 min
Response: 12951595
Conc: 520.48 ng/ml



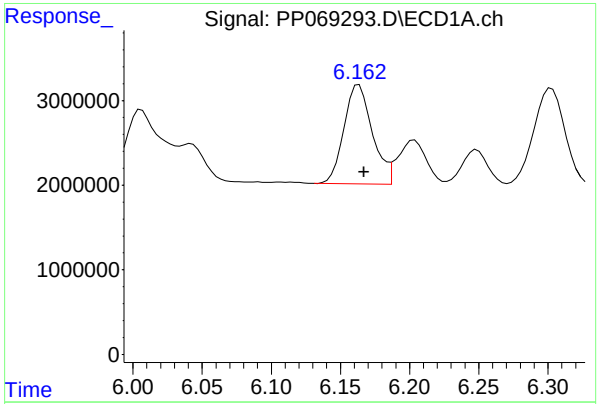
#6 AR-1016-4

R.T.: 5.869 min
Delta R.T.: -0.005 min
Response: 18055342
Conc: 515.86 ng/ml



#6 AR-1016-4

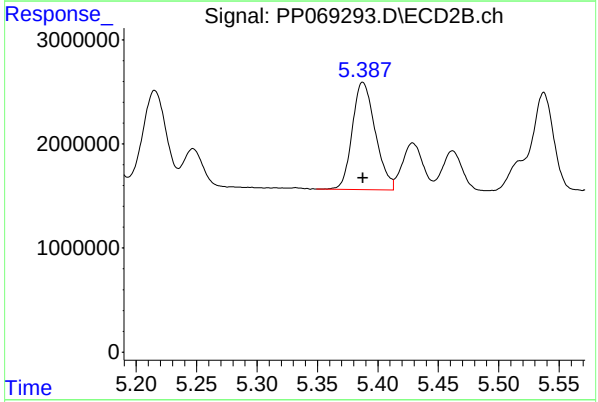
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 10646965
Conc: 527.17 ng/ml



#7 AR-1016-5

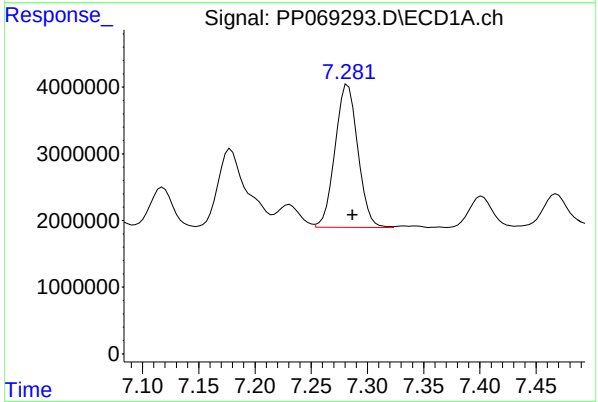
R.T.: 6.163 min
Delta R.T.: -0.004 min
Response: 16717226
Conc: 505.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825



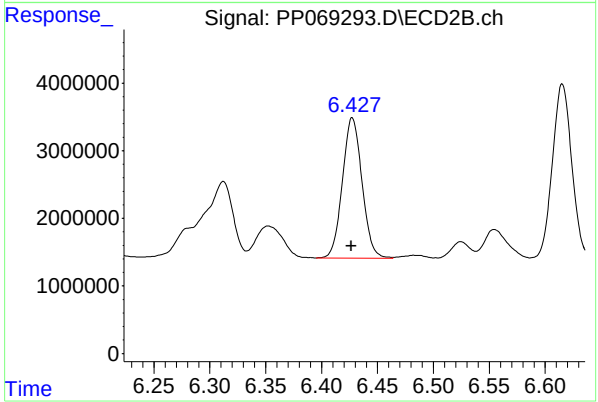
#7 AR-1016-5

R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 13663941
Conc: 509.39 ng/ml



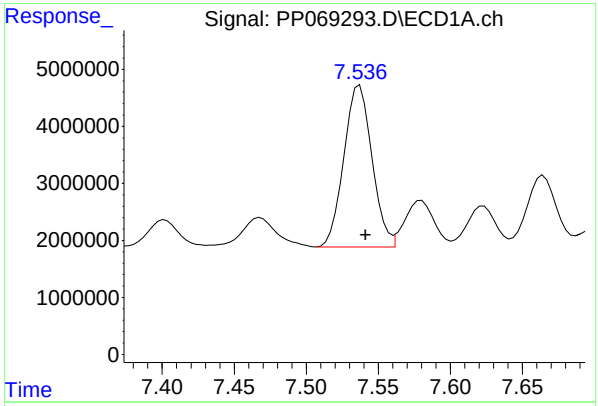
#31 AR-1260-1

R.T.: 7.283 min
Delta R.T.: -0.004 min
Response: 30214710
Conc: 517.05 ng/ml



#31 AR-1260-1

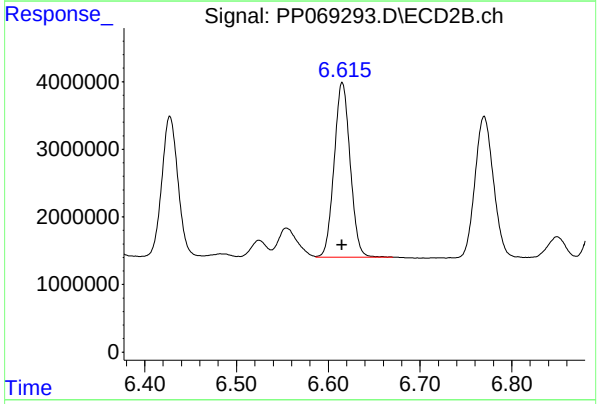
R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 25313813
Conc: 524.86 ng/ml



#32 AR-1260-2

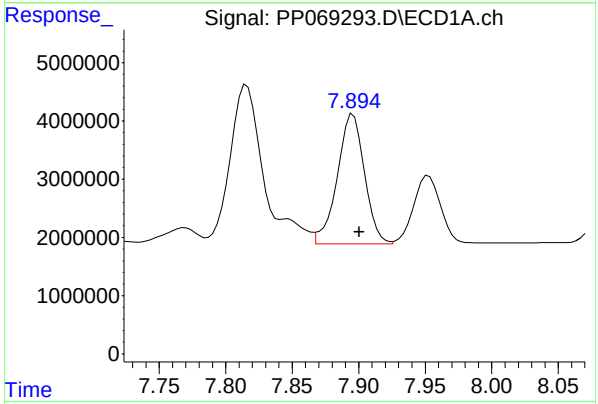
R.T.: 7.537 min
Delta R.T.: -0.004 min
Response: 38414643
Conc: 493.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825



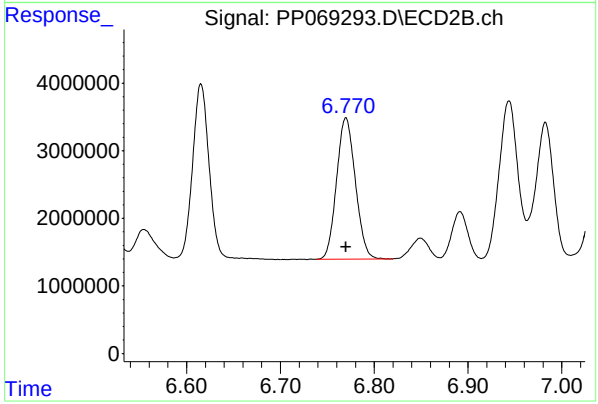
#32 AR-1260-2

R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 31274552
Conc: 510.16 ng/ml



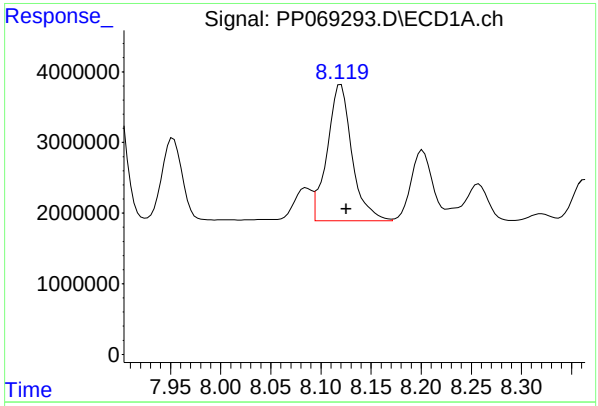
#33 AR-1260-3

R.T.: 7.896 min
Delta R.T.: -0.005 min
Response: 31738047
Conc: 507.65 ng/ml



#33 AR-1260-3

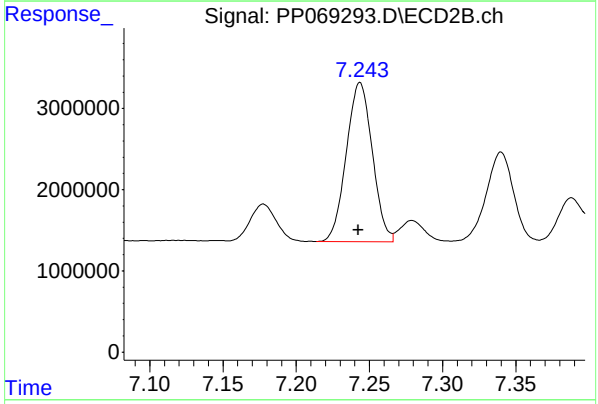
R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 29037300
Conc: 482.70 ng/ml



#34 AR-1260-4

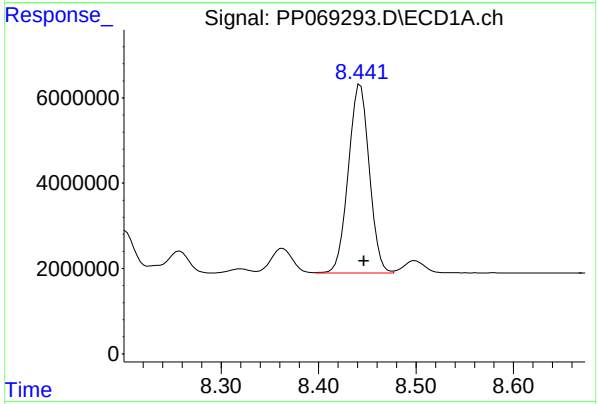
R.T.: 8.120 min
Delta R.T.: -0.005 min
Response: 33029814
Conc: 500.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825



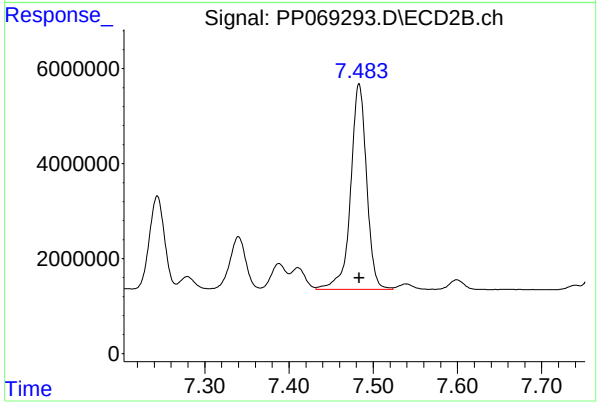
#34 AR-1260-4

R.T.: 7.244 min
Delta R.T.: 0.001 min
Response: 24263249
Conc: 522.15 ng/ml



#35 AR-1260-5

R.T.: 8.443 min
Delta R.T.: -0.004 min
Response: 66012339
Conc: 504.20 ng/ml



#35 AR-1260-5

R.T.: 7.483 min
Delta R.T.: 0.000 min
Response: 57109170
Conc: 513.83 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069294.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 18:03
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 18:13:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:55:36 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.538	3.840	73528508	45074660	51.365	50.502
2)	SA Decachlor...	10.279	8.910	55006808	53974487	50.331	48.257
	Target Compounds						
16)	L4 AR-1242-1	5.692	4.933	19485743	14591085	467.225	506.072
17)	L4 AR-1242-2	5.714	4.952	30104171	19350019	510.319	491.145
18)	L4 AR-1242-3	5.777	5.131	18082829	11274965	487.426	501.019
19)	L4 AR-1242-4	5.874	5.215	15605992	10907868	475.870	505.409
20)	L4 AR-1242-5	6.605	5.741	17080730	14269255	524.201	496.005

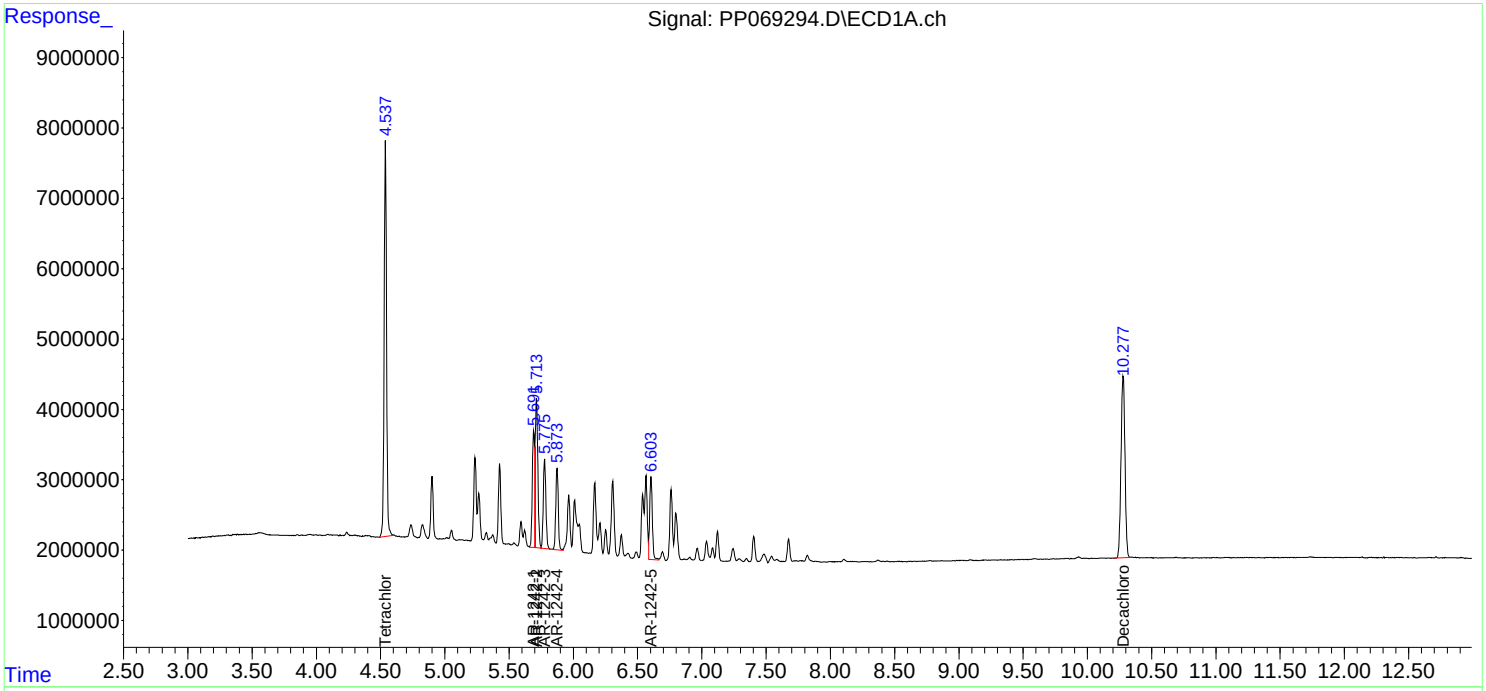
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

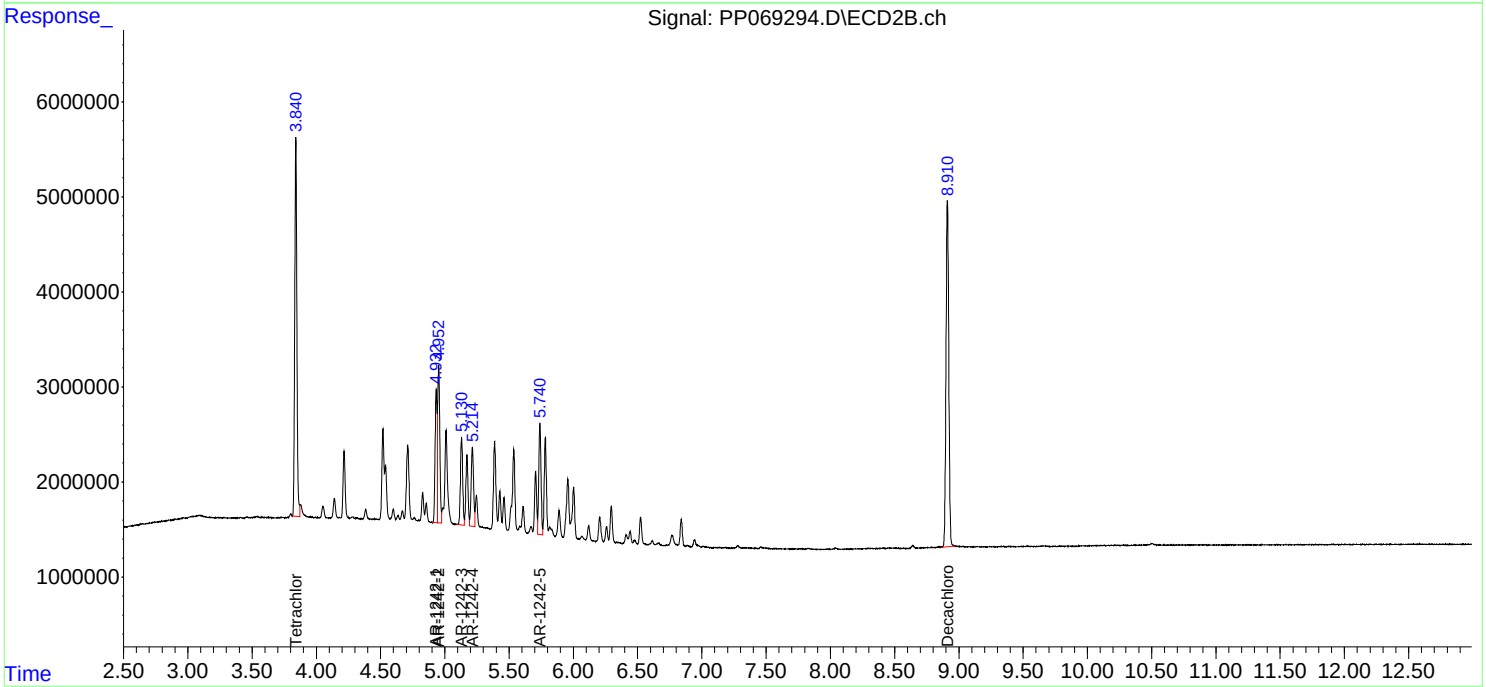
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069294.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 18:03
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

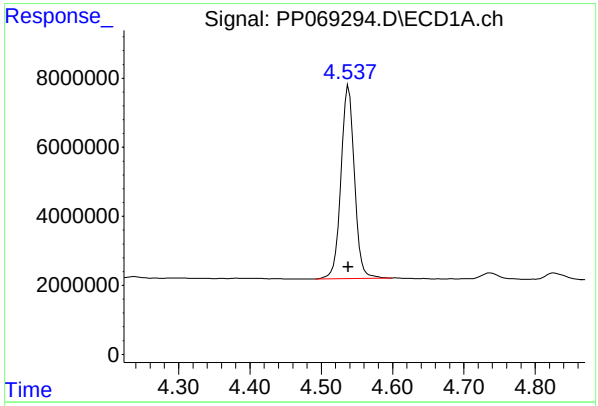
Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 18:13:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:55:36 2025
Response via : Initial Calibration
Integrator: ChemStation

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



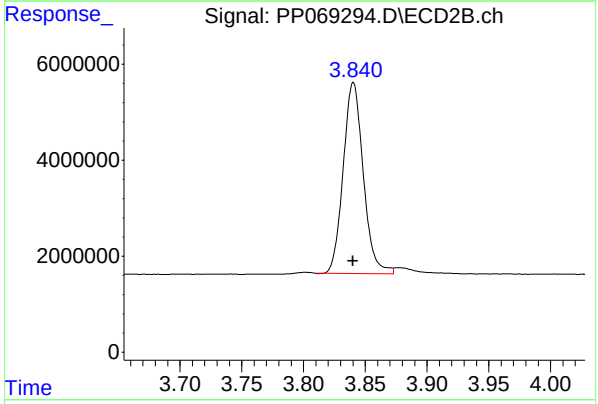




#1 Tetrachloro-m-xylene

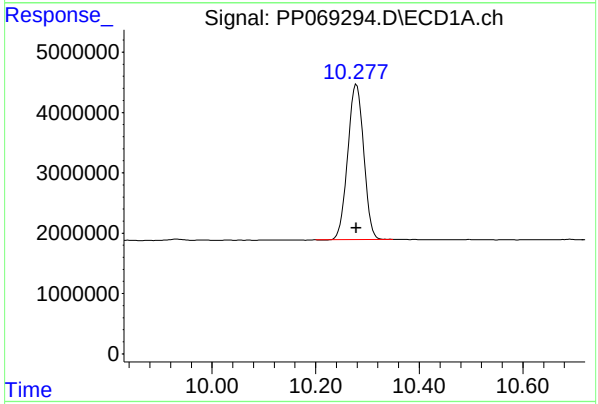
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 73528508
Conc: 51.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1242



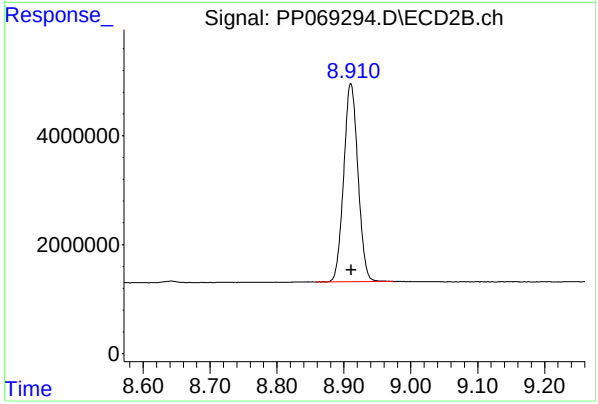
#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 45074660
Conc: 50.50 ng/ml



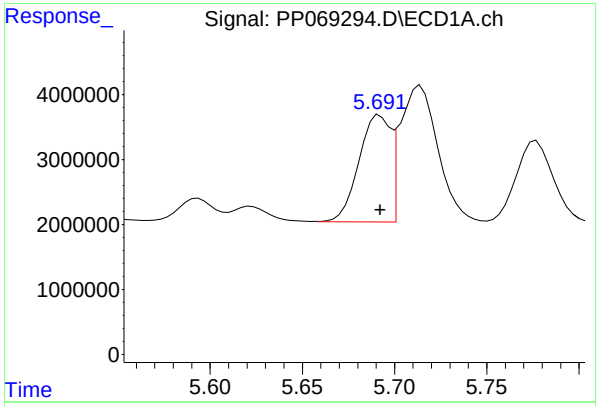
#2 Decachlorobiphenyl

R.T.: 10.279 min
Delta R.T.: 0.000 min
Response: 55006808
Conc: 50.33 ng/ml



#2 Decachlorobiphenyl

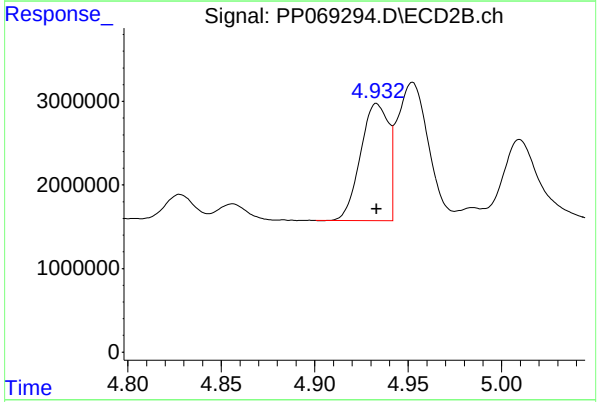
R.T.: 8.910 min
Delta R.T.: 0.000 min
Response: 53974487
Conc: 48.26 ng/ml



#16 AR-1242-1

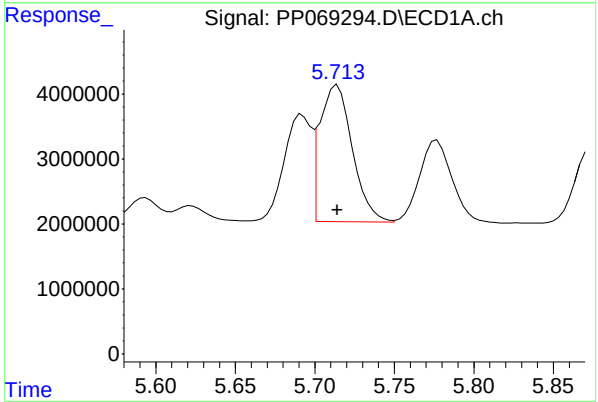
R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 19485743
Conc: 467.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1242



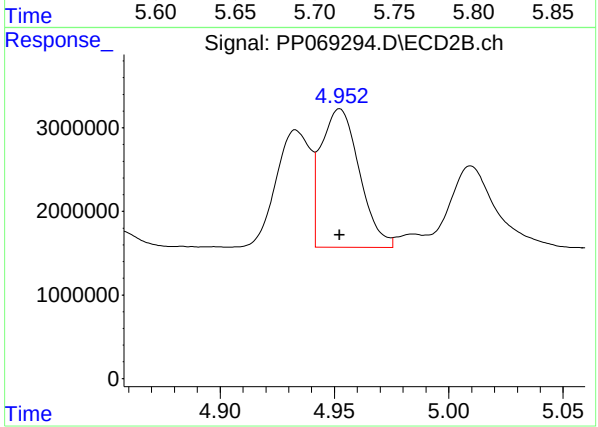
#16 AR-1242-1

R.T.: 4.933 min
Delta R.T.: 0.000 min
Response: 14591085
Conc: 506.07 ng/ml



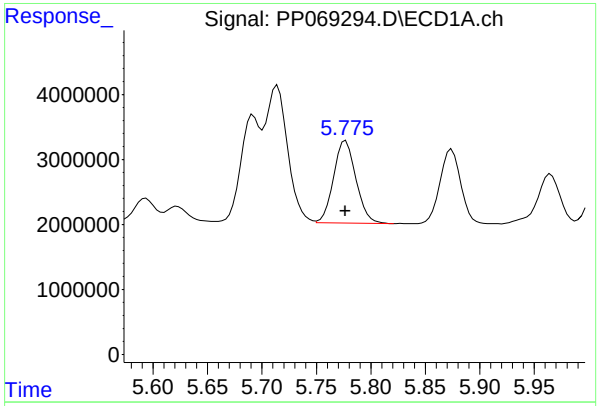
#17 AR-1242-2

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 30104171
Conc: 510.32 ng/ml



#17 AR-1242-2

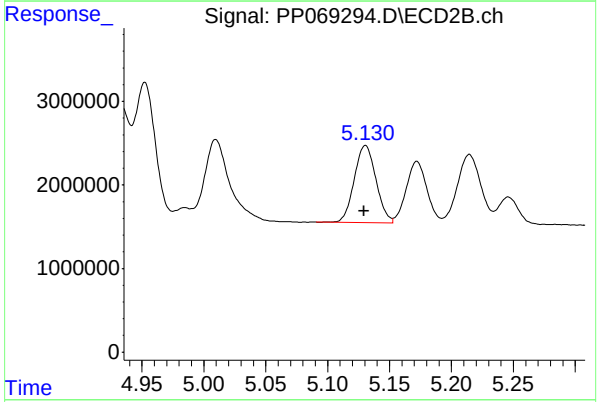
R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 19350019
Conc: 491.15 ng/ml



#18 AR-1242-3

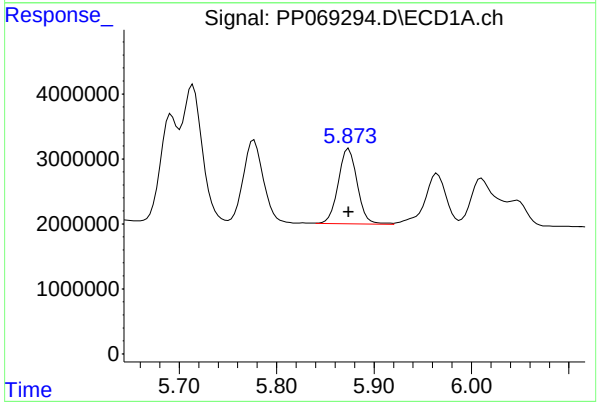
R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 18082829
Conc: 487.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1242



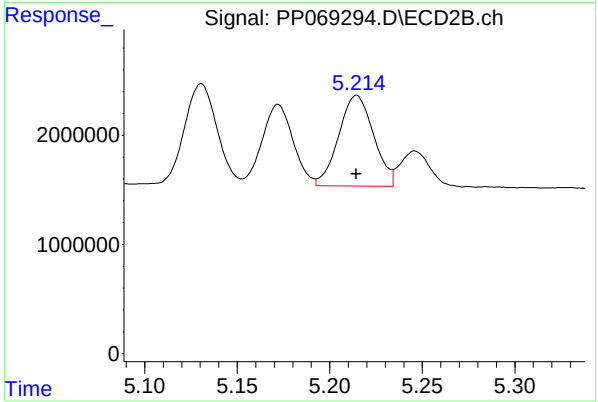
#18 AR-1242-3

R.T.: 5.131 min
Delta R.T.: 0.001 min
Response: 11274965
Conc: 501.02 ng/ml



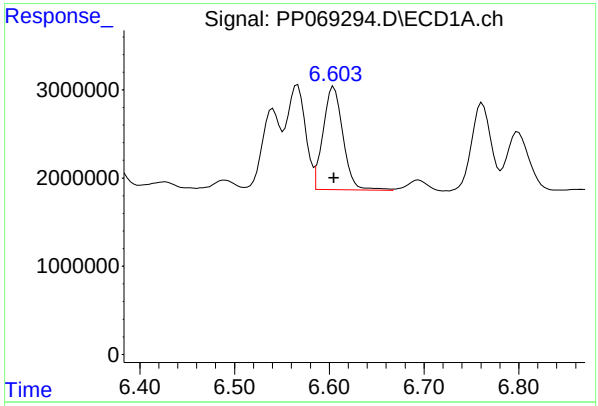
#19 AR-1242-4

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 15605992
Conc: 475.87 ng/ml



#19 AR-1242-4

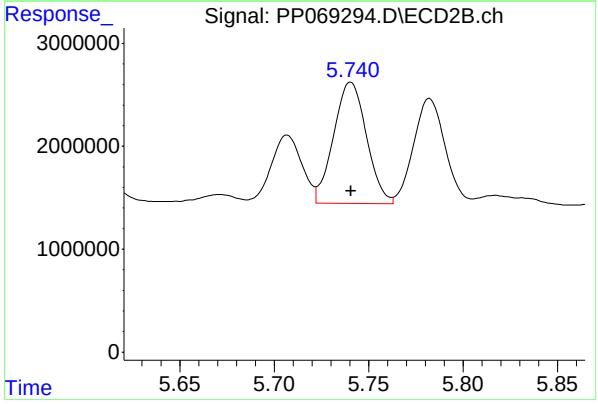
R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 10907868
Conc: 505.41 ng/ml



#20 AR-1242-5

R.T.: 6.605 min
Delta R.T.: 0.000 min
Response: 17080730
Conc: 524.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1242



#20 AR-1242-5

R.T.: 5.741 min
Delta R.T.: 0.000 min
Response: 14269255
Conc: 496.01 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069295.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 18:19
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 00:02:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:55:36 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.536	3.840	73116696	46870709	51.078	52.514
2)	SA Decachlor...	10.276	8.911	54874423	54998654	50.210	49.172
	Target Compounds						
21)	L5 AR-1248-1	5.689	4.933	15598439	11058451	480.854	502.416
22)	L5 AR-1248-2	5.962	5.171	21644853	14938470	509.934	496.879
23)	L5 AR-1248-3	6.165	5.214	23663172	15456967	503.609	498.865
24)	L5 AR-1248-4	6.564	5.387	28089077	18100081	509.587	489.937
25)	L5 AR-1248-5	6.603	5.782	26798161	19153345	501.991	512.267

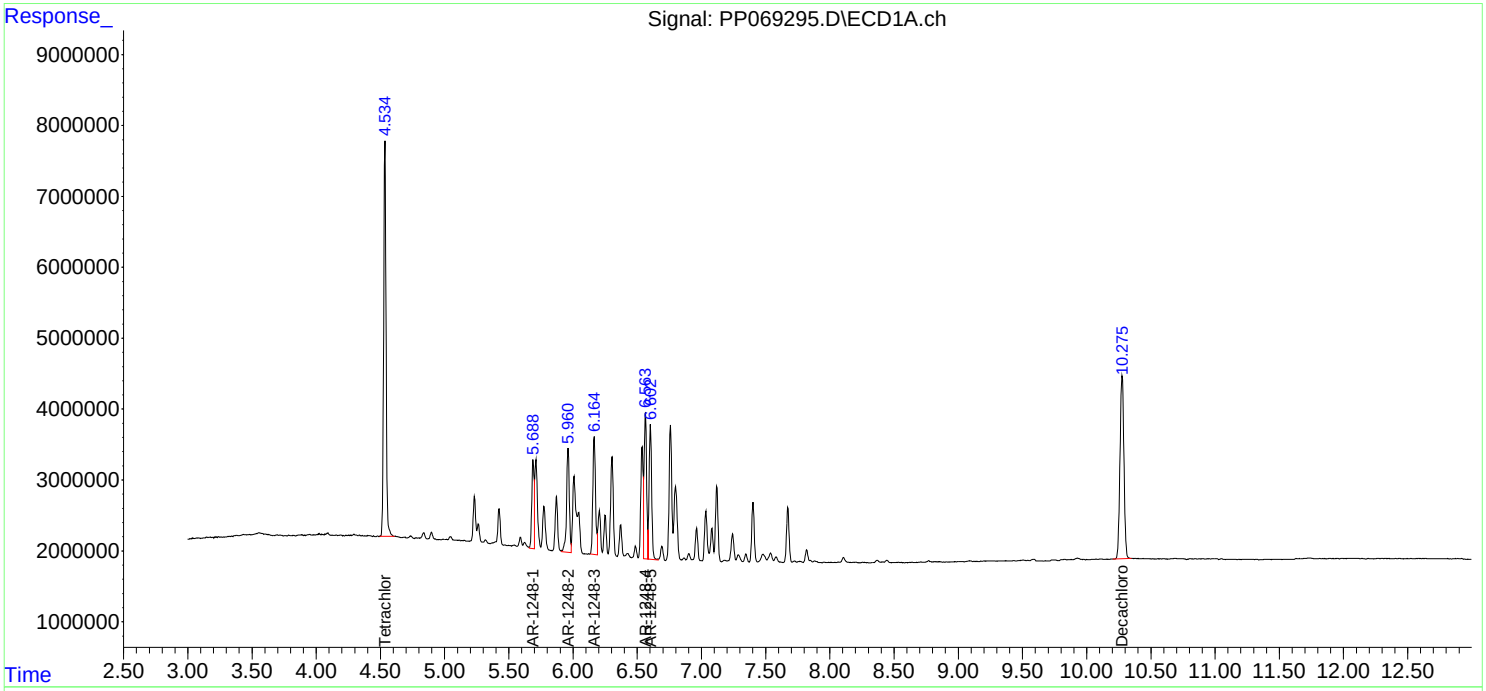
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

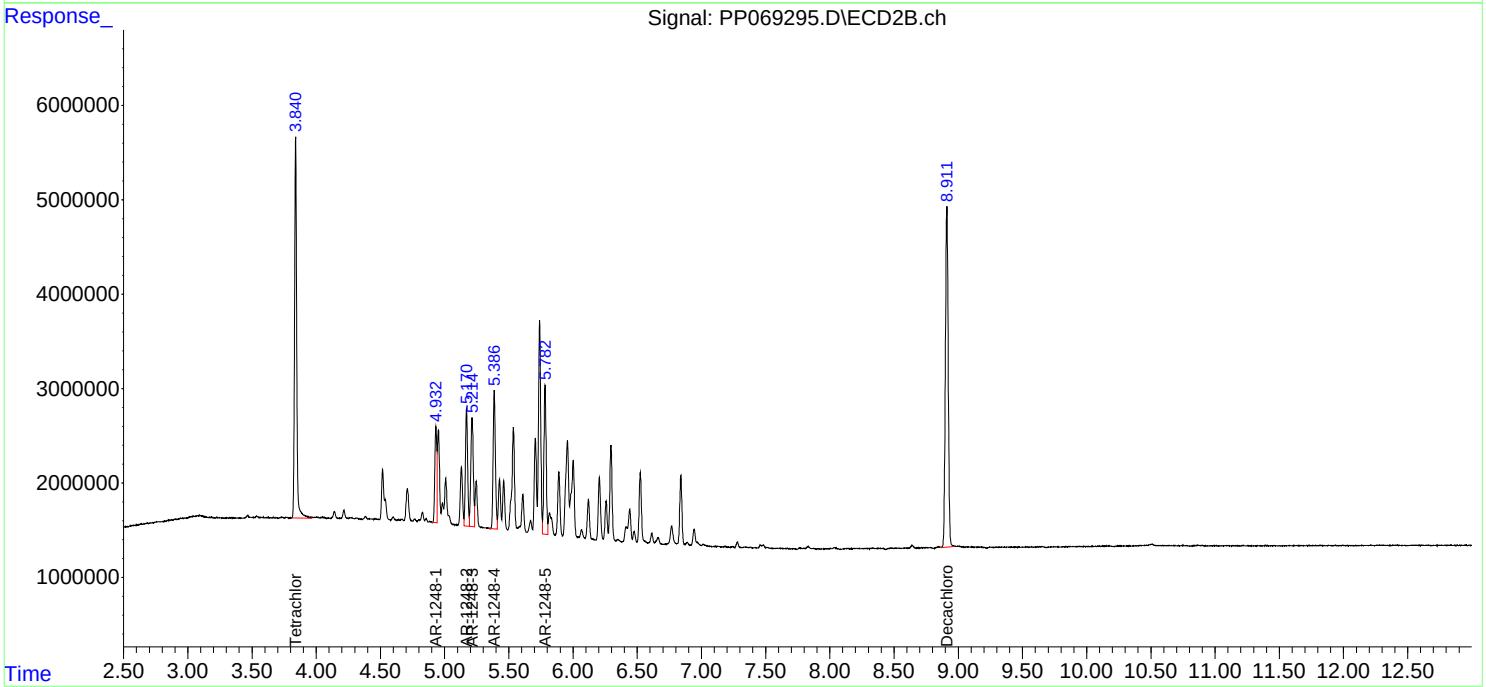
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069295.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 18:19
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

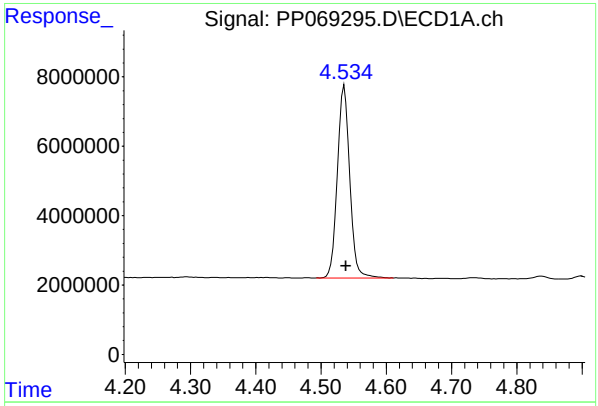
Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 00:02:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:55:36 2025
Response via : Initial Calibration
Integrator: ChemStation

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



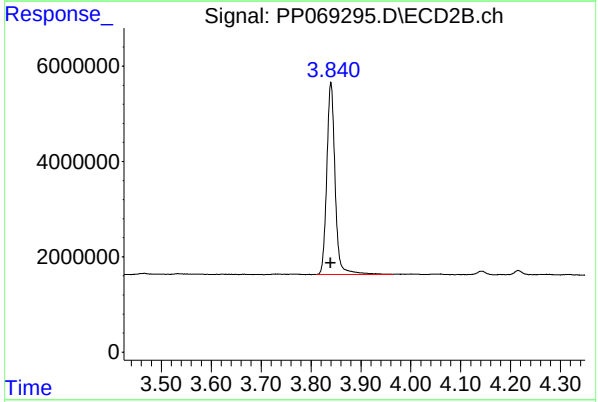




#1 Tetrachloro-m-xylene

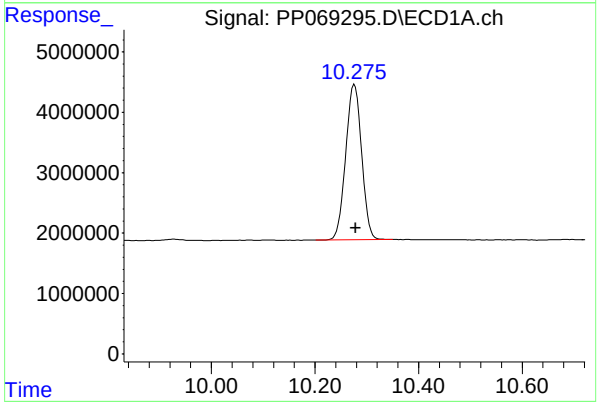
R.T.: 4.536 min
Delta R.T.: -0.002 min
Response: 73116696
Conc: 51.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1248



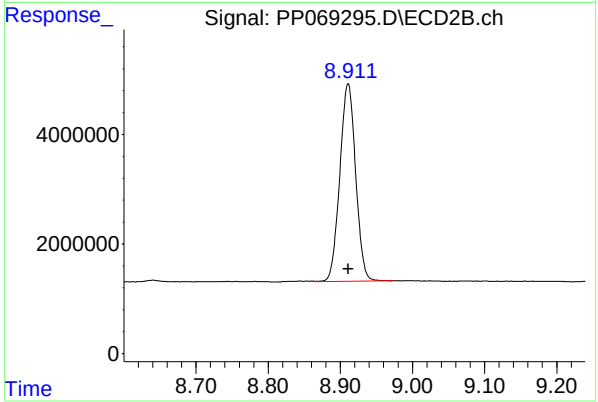
#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 46870709
Conc: 52.51 ng/ml



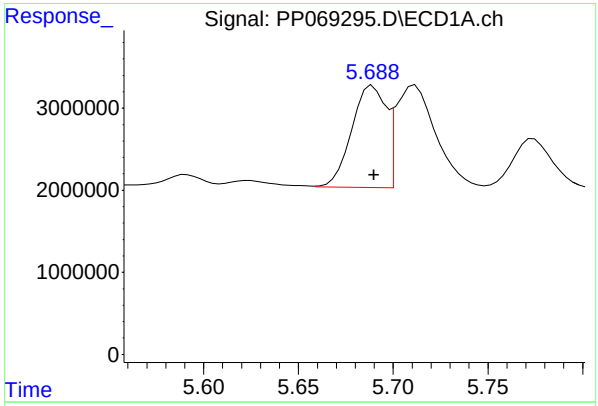
#2 Decachlorobiphenyl

R.T.: 10.276 min
Delta R.T.: -0.002 min
Response: 54874423
Conc: 50.21 ng/ml



#2 Decachlorobiphenyl

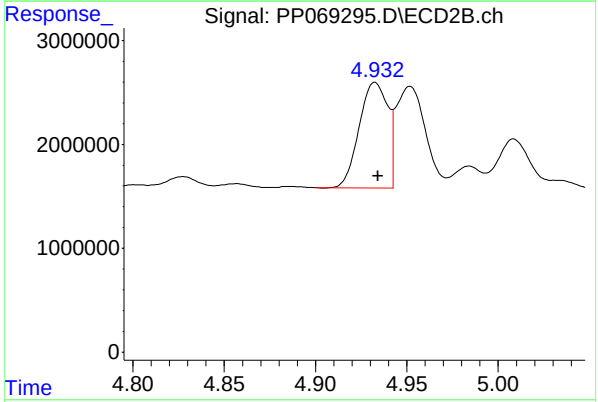
R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 54998654
Conc: 49.17 ng/ml



#21 AR-1248-1

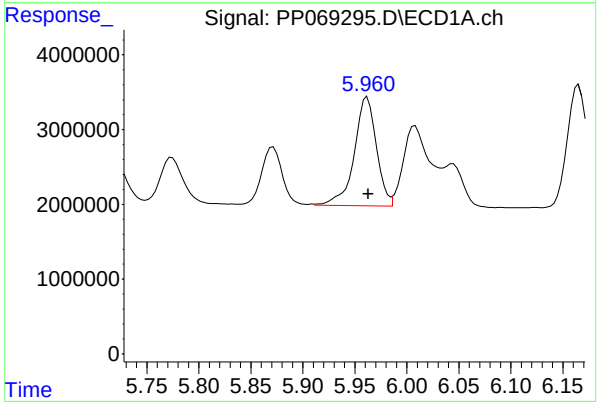
R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 15598439
Conc: 480.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1248



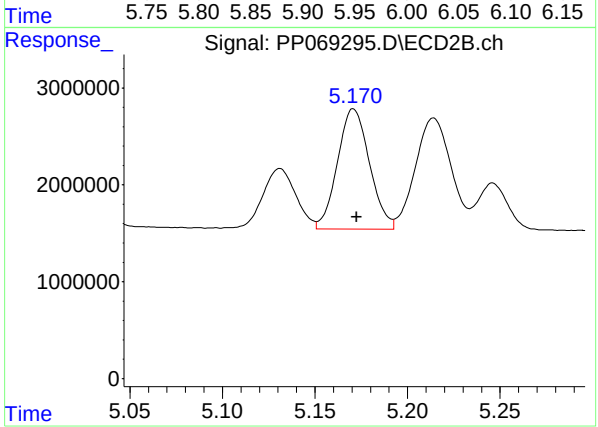
#21 AR-1248-1

R.T.: 4.933 min
Delta R.T.: -0.001 min
Response: 11058451
Conc: 502.42 ng/ml



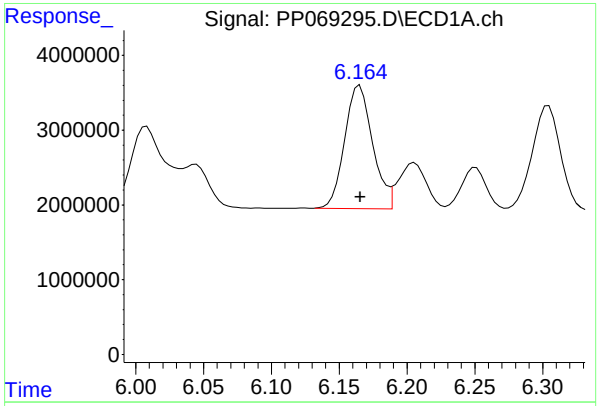
#22 AR-1248-2

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 21644853
Conc: 509.93 ng/ml



#22 AR-1248-2

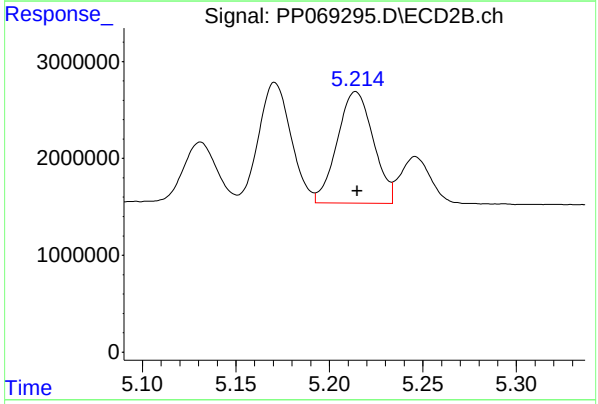
R.T.: 5.171 min
Delta R.T.: -0.002 min
Response: 14938470
Conc: 496.88 ng/ml



#23 AR-1248-3

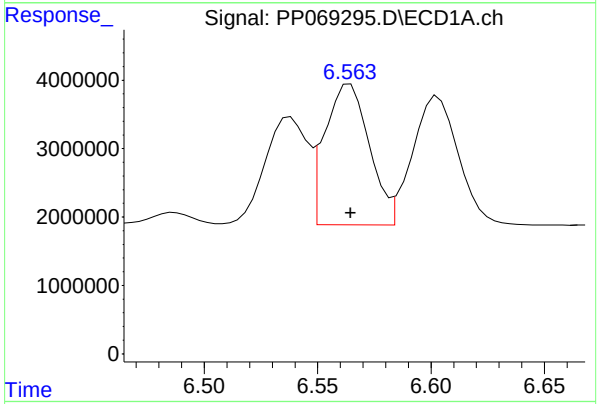
R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 23663172
Conc: 503.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1248



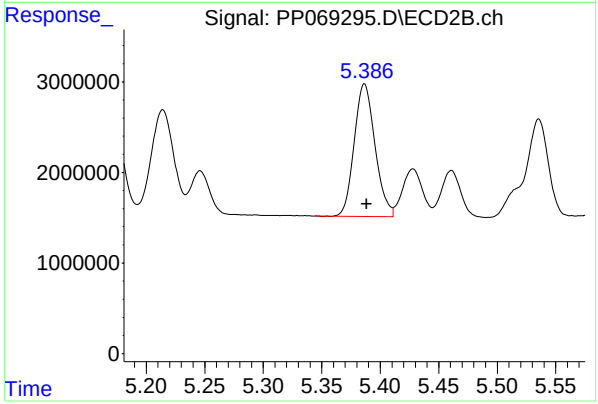
#23 AR-1248-3

R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 15456967
Conc: 498.86 ng/ml



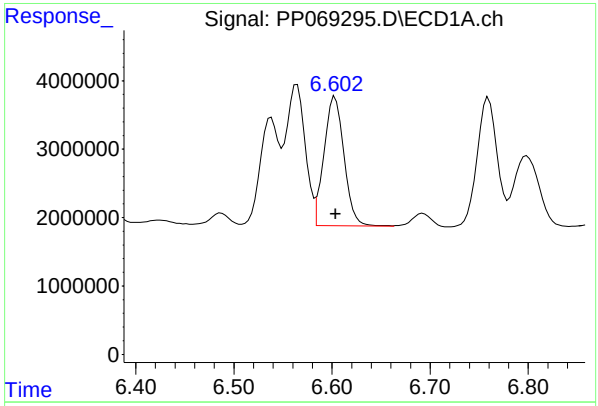
#24 AR-1248-4

R.T.: 6.564 min
Delta R.T.: 0.000 min
Response: 28089077
Conc: 509.59 ng/ml



#24 AR-1248-4

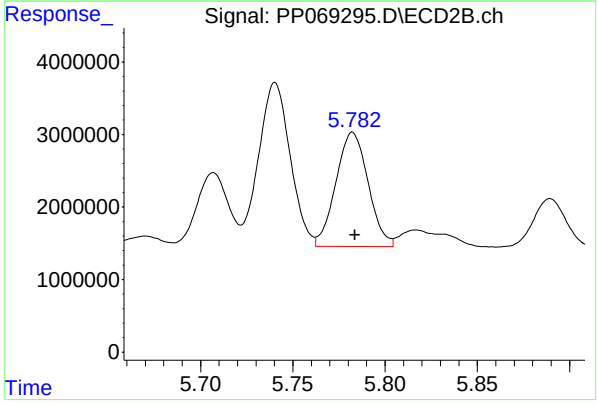
R.T.: 5.387 min
Delta R.T.: -0.002 min
Response: 18100081
Conc: 489.94 ng/ml



#25 AR-1248-5

R.T.: 6.603 min
Delta R.T.: 0.000 mi
Response: 26798161
Conc: 501.99 ng/m

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1248



#25 AR-1248-5

R.T.: 5.782 min
Delta R.T.: -0.001 min
Response: 19153345
Conc: 512.27 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069296.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 18:36
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 00:02:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:55:36 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.535	3.841	75219849	47633402	52.547	53.368
2)	SA Decachlor...	10.276	8.911	56766283	55190324	51.941	49.344
	Target Compounds						
26)	L6 AR-1254-1	6.540	5.742	28707670	28691321	496.126	521.132
27)	L6 AR-1254-2	6.756	5.890	41367594	25067661	515.536	518.261
28)	L6 AR-1254-3	7.119	6.296	42558996	39270545	504.921	517.425
29)	L6 AR-1254-4	7.401	6.524	34204619	25829239	501.623	503.988
30)	L6 AR-1254-5	7.819	6.944	35322701	34643725	519.099	520.485

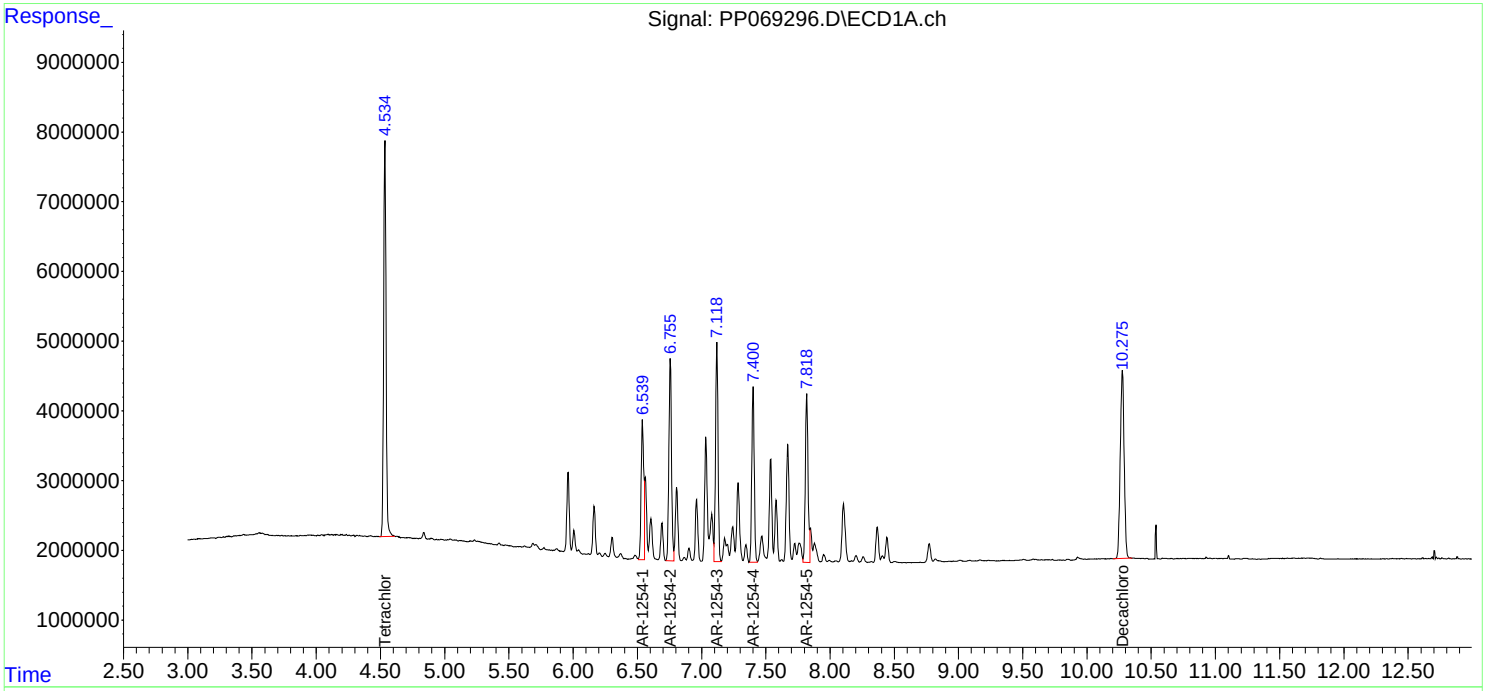
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

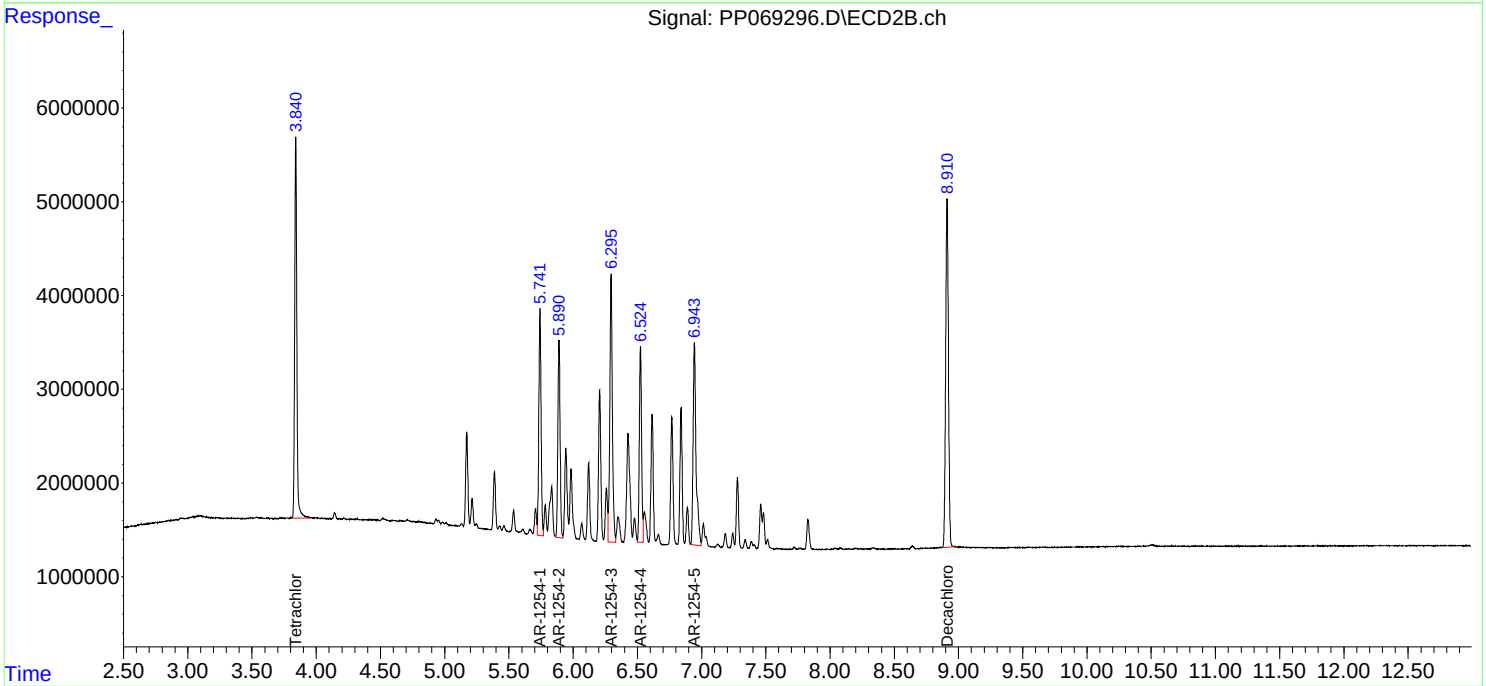
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069296.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 18:36
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

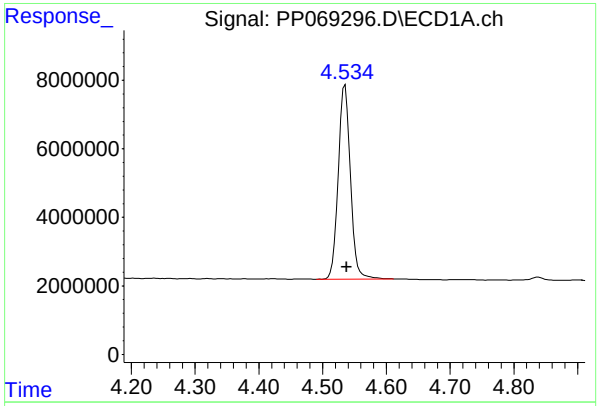
Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 00:02:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:55:36 2025
Response via : Initial Calibration
Integrator: ChemStation

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



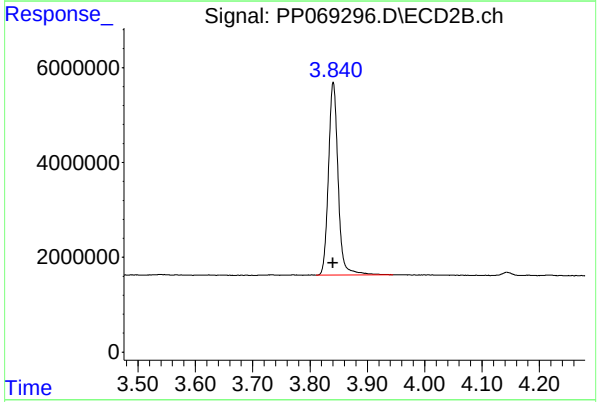




#1 Tetrachloro-m-xylene

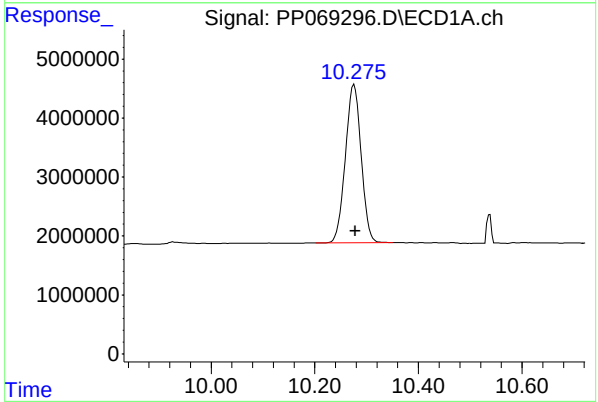
R.T.: 4.535 min
Delta R.T.: -0.003 min
Response: 75219849
Conc: 52.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1254



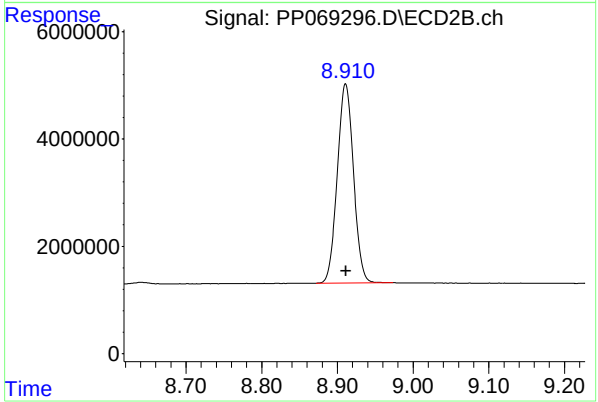
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 47633402
Conc: 53.37 ng/ml



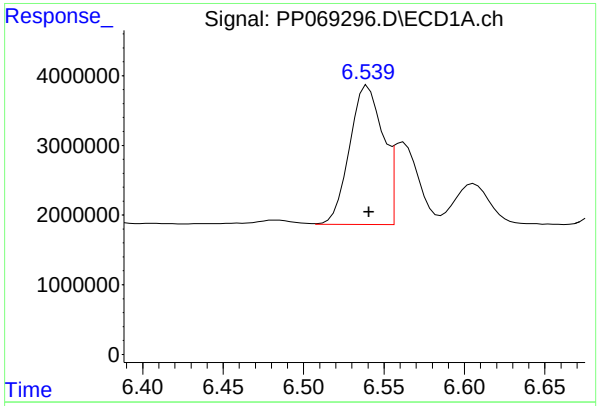
#2 Decachlorobiphenyl

R.T.: 10.276 min
Delta R.T.: -0.003 min
Response: 56766283
Conc: 51.94 ng/ml



#2 Decachlorobiphenyl

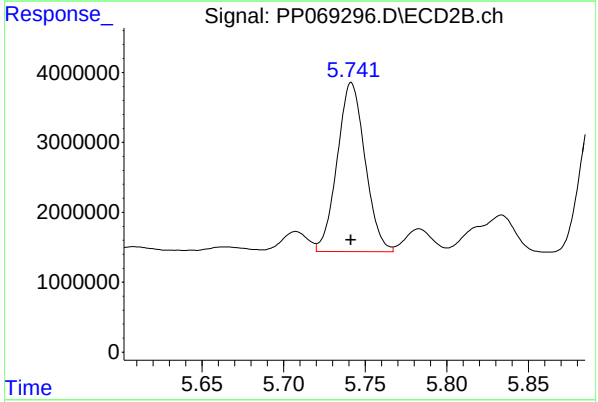
R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 55190324
Conc: 49.34 ng/ml



#26 AR-1254-1

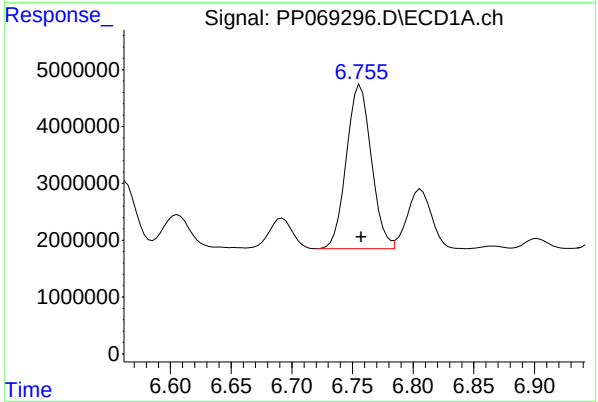
R.T.: 6.540 min
Delta R.T.: 0.000 min
Response: 28707670
Conc: 496.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1254



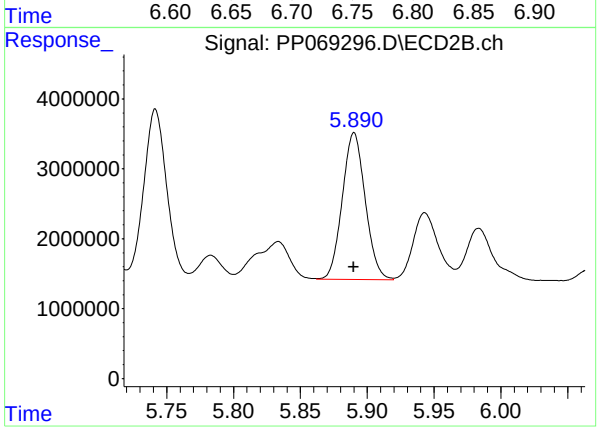
#26 AR-1254-1

R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 28691321
Conc: 521.13 ng/ml



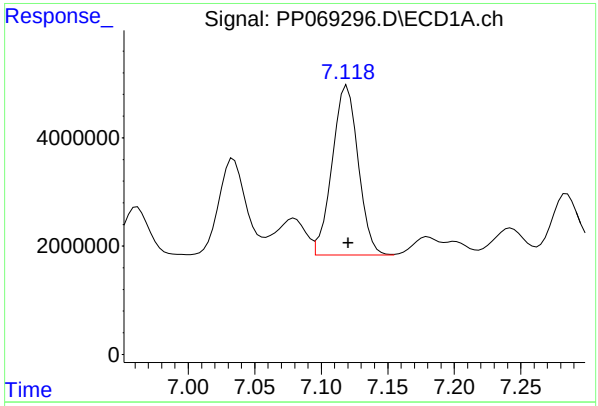
#27 AR-1254-2

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 41367594
Conc: 515.54 ng/ml



#27 AR-1254-2

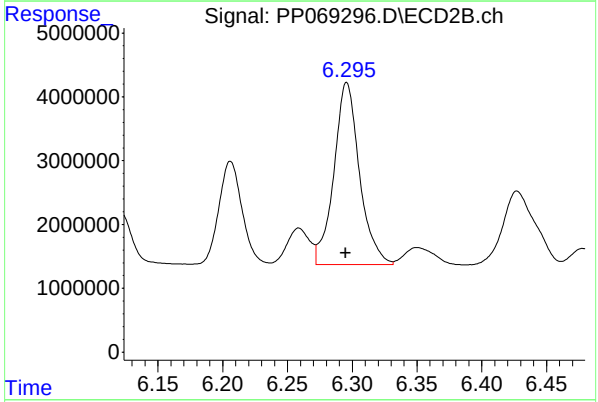
R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 25067661
Conc: 518.26 ng/ml



#28 AR-1254-3

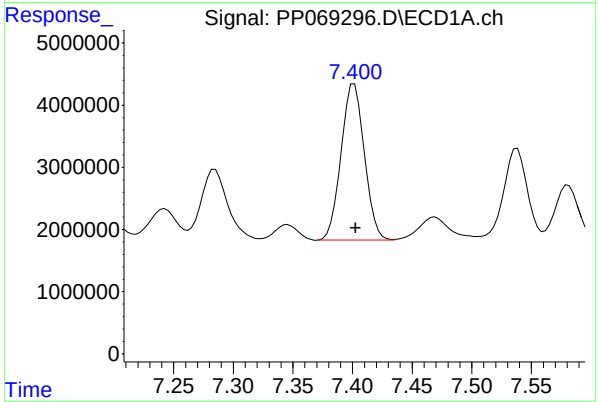
R.T.: 7.119 min
Delta R.T.: -0.001 min
Response: 42558996
Conc: 504.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1254



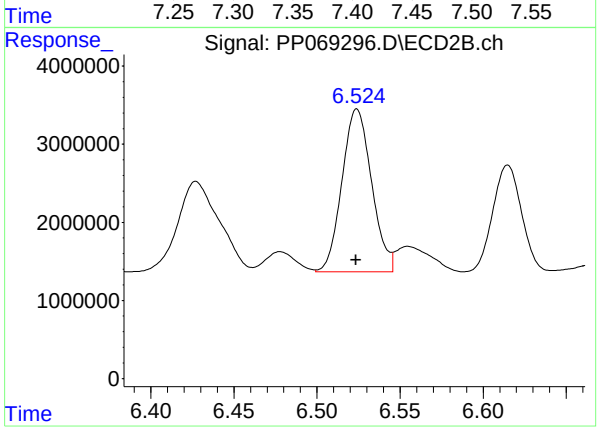
#28 AR-1254-3

R.T.: 6.296 min
Delta R.T.: 0.000 min
Response: 39270545
Conc: 517.43 ng/ml



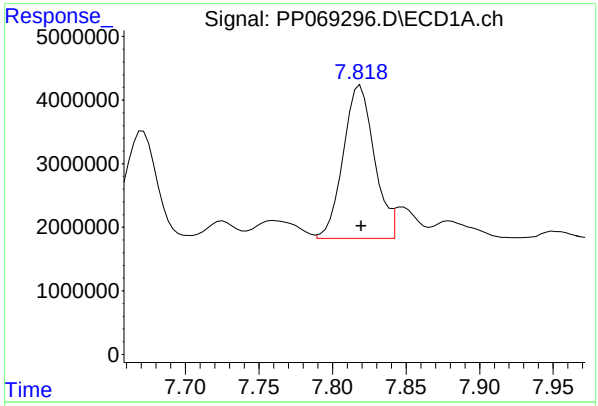
#29 AR-1254-4

R.T.: 7.401 min
Delta R.T.: -0.001 min
Response: 34204619
Conc: 501.62 ng/ml



#29 AR-1254-4

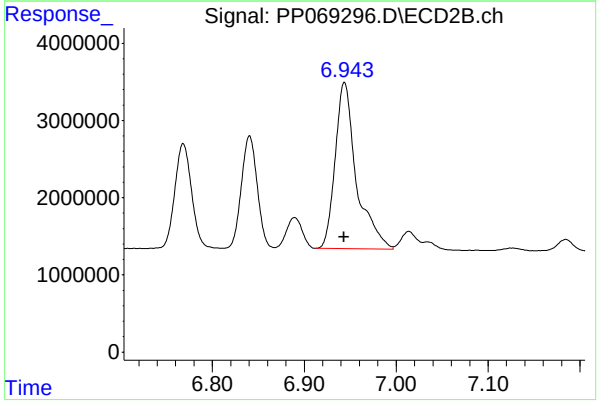
R.T.: 6.524 min
Delta R.T.: 0.000 min
Response: 25829239
Conc: 503.99 ng/ml



#30 AR-1254-5

R.T.: 7.819 min
Delta R.T.: 0.000 min
Response: 35322701
Conc: 519.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1254



#30 AR-1254-5

R.T.: 6.944 min
Delta R.T.: 0.000 min
Response: 34643725
Conc: 520.49 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069297.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 18:52
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 00:13:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.538	3.841	77280071	49699162	50.272	50.526
2)	SA Decachlor...	10.280	8.912	95822270	95389498	49.885	49.598
	Target Compounds						
41)	L9 AR-1268-1	8.762	7.768	96955506	80683787	502.919	499.533
42)	L9 AR-1268-2	8.856	7.833	86693119	73752405	504.918	495.889
43)	L9 AR-1268-3	9.091	8.041	73577850	63724602	501.283	501.698
44)	L9 AR-1268-4	9.513	8.335	33018344	29034055	510.432	493.868
45)	L9 AR-1268-5	9.933	8.643	207.8E6	195.6E6	501.326	499.439

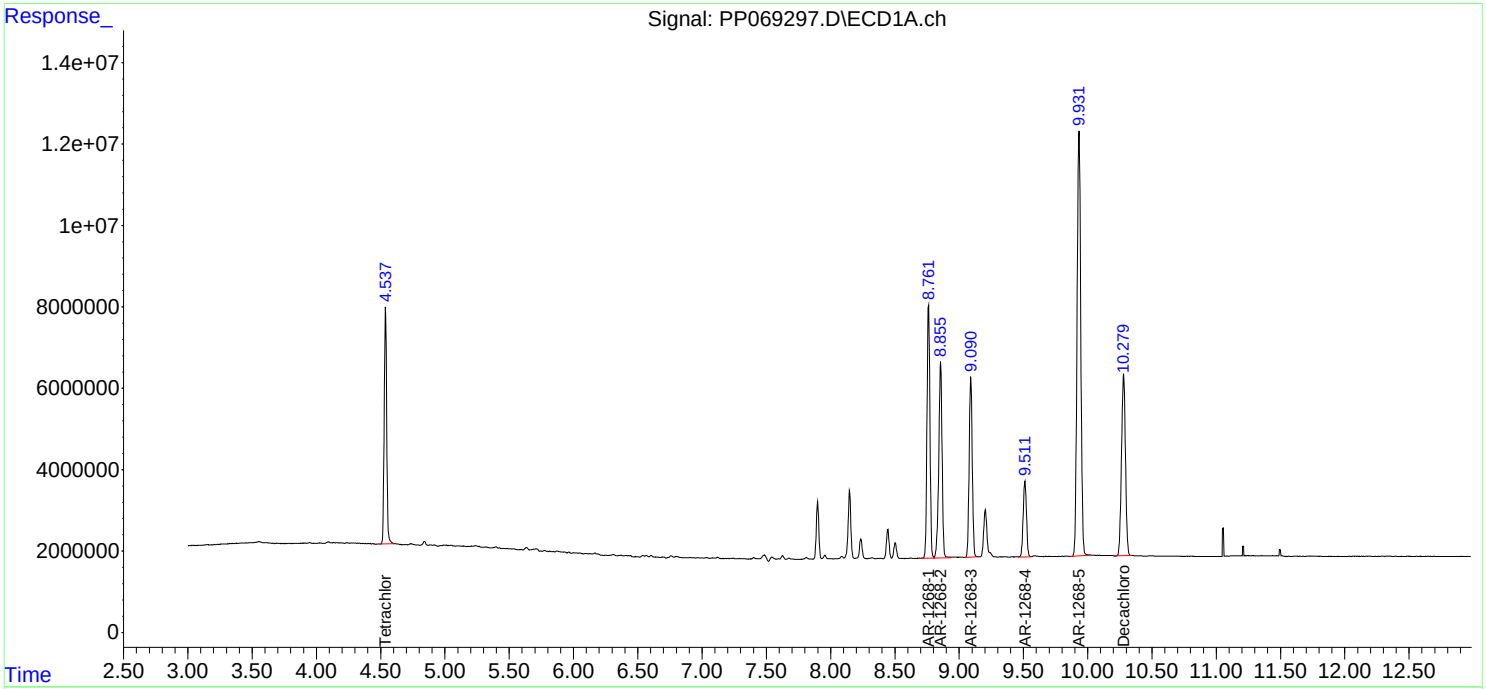
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

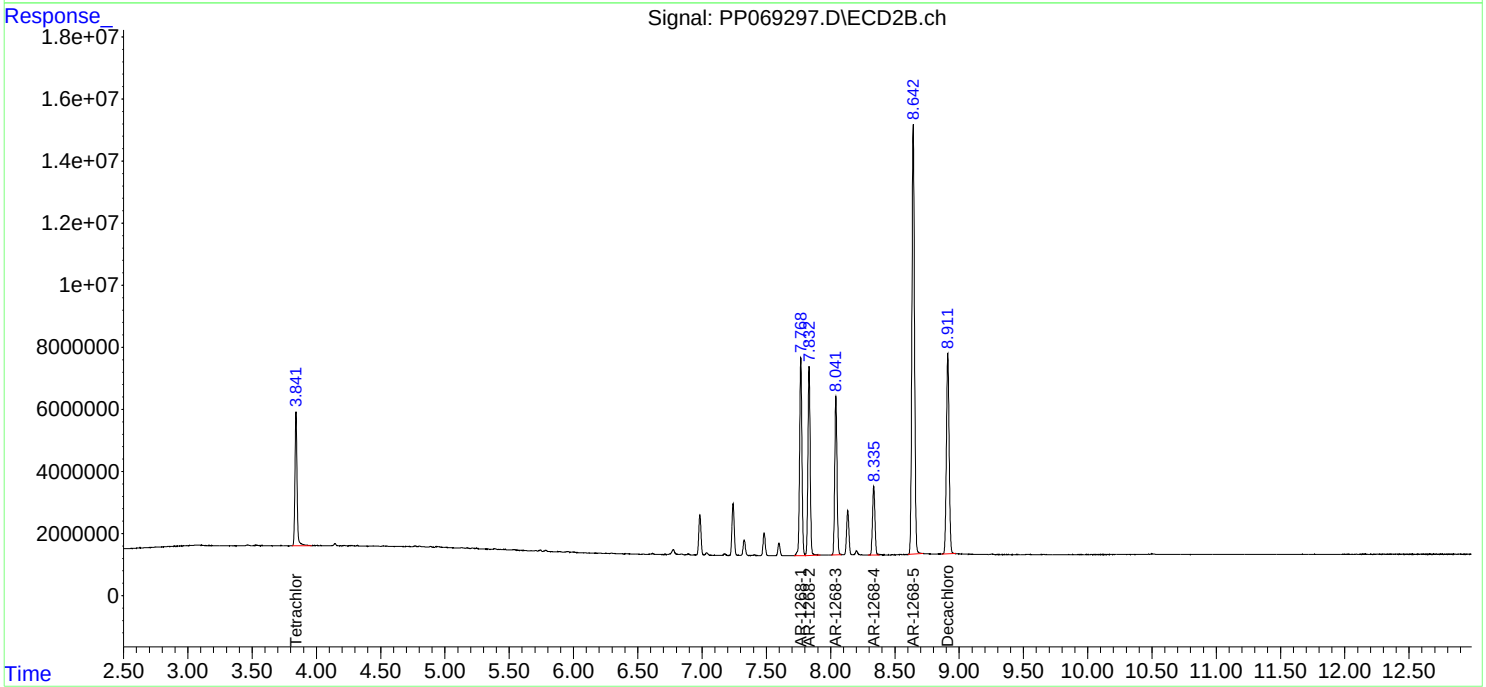
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069297.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 18:52
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

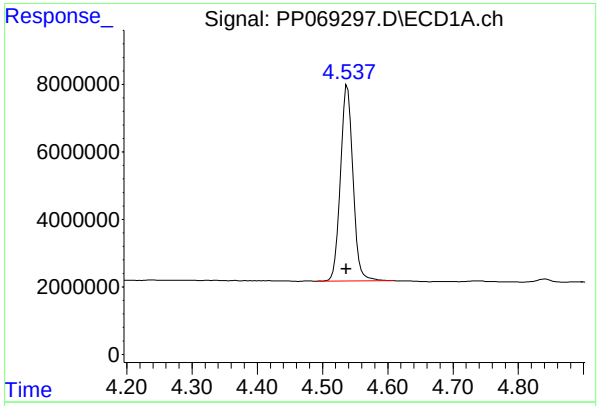
Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 00:13:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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



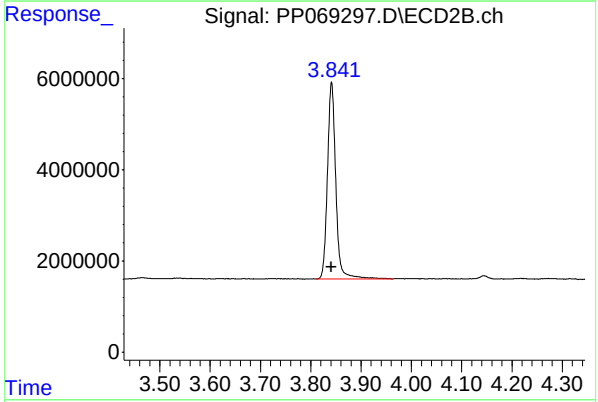




#1 Tetrachloro-m-xylene

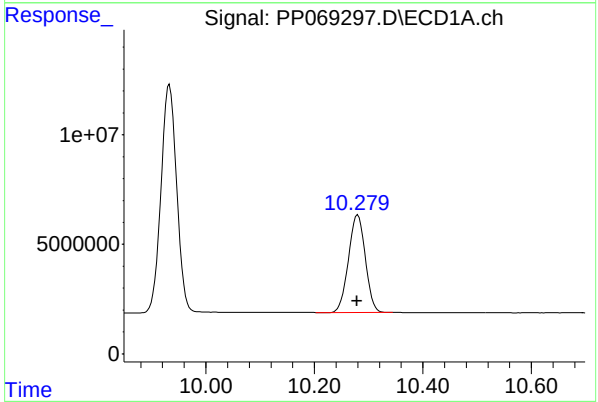
R.T.: 4.538 min
Delta R.T.: 0.002 min
Response: 77280071
Conc: 50.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1268



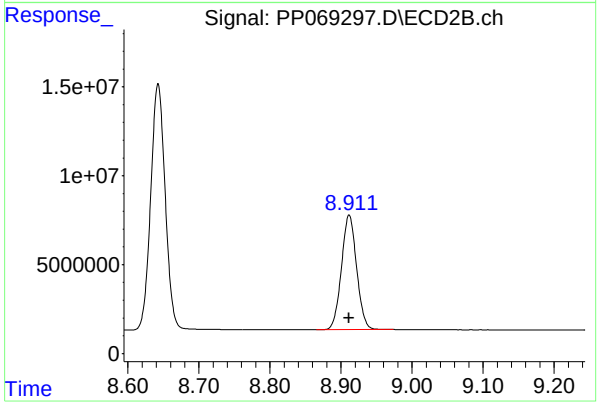
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 49699162
Conc: 50.53 ng/ml



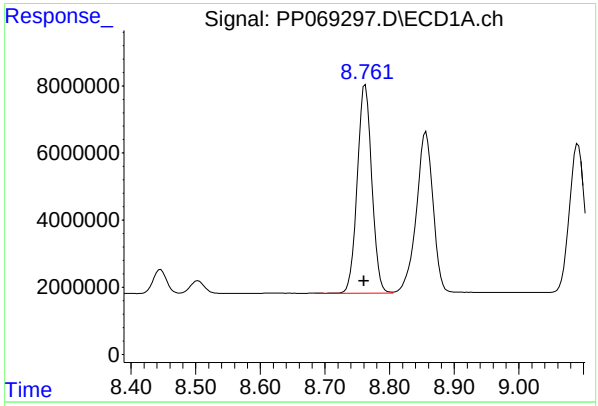
#2 Decachlorobiphenyl

R.T.: 10.280 min
Delta R.T.: 0.001 min
Response: 95822270
Conc: 49.89 ng/ml



#2 Decachlorobiphenyl

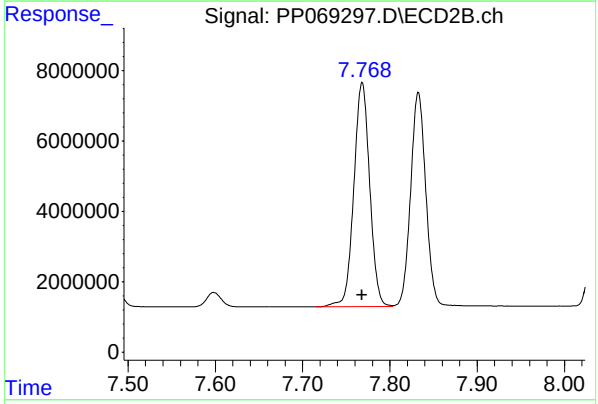
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 95389498
Conc: 49.60 ng/ml



#41 AR-1268-1

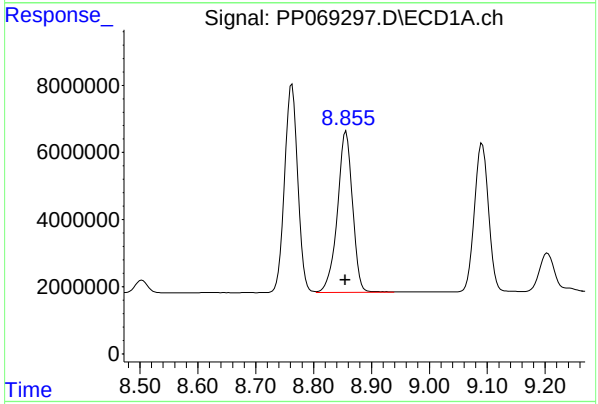
R.T.: 8.762 min
Delta R.T.: 0.002 min
Response: 96955506
Conc: 502.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1268



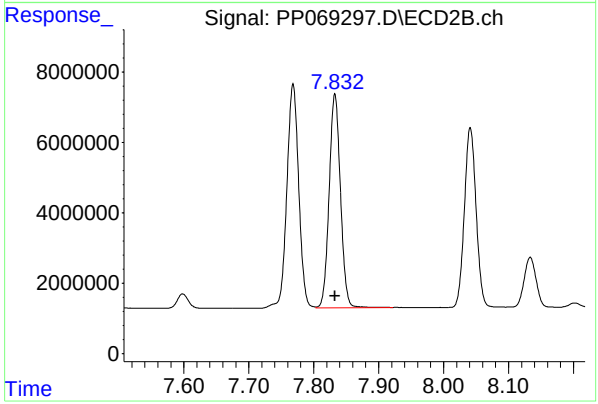
#41 AR-1268-1

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 80683787
Conc: 499.53 ng/ml



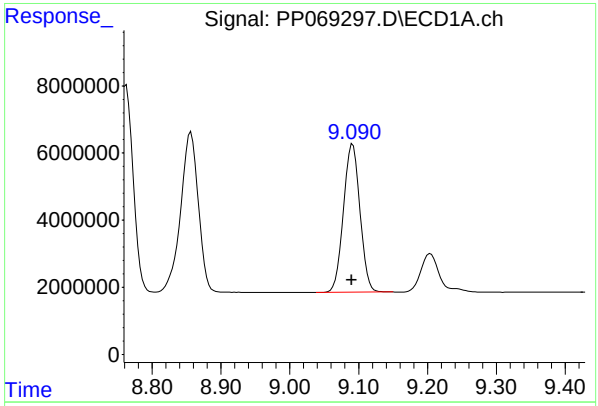
#42 AR-1268-2

R.T.: 8.856 min
Delta R.T.: 0.002 min
Response: 86693119
Conc: 504.92 ng/ml



#42 AR-1268-2

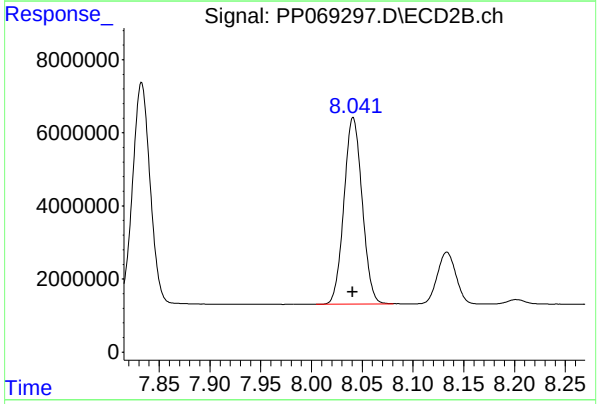
R.T.: 7.833 min
Delta R.T.: 0.000 min
Response: 73752405
Conc: 495.89 ng/ml



#43 AR-1268-3

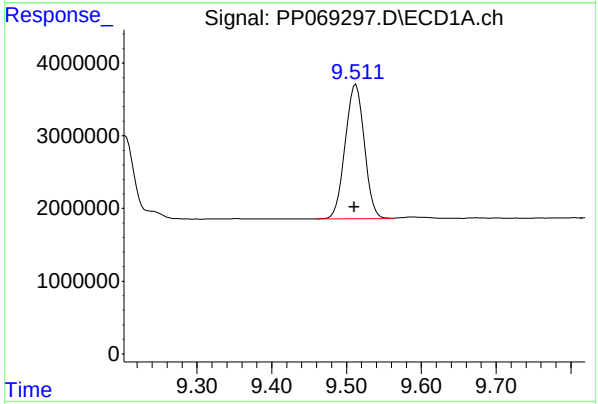
R.T.: 9.091 min
Delta R.T.: 0.002 min
Response: 73577850
Conc: 501.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1268



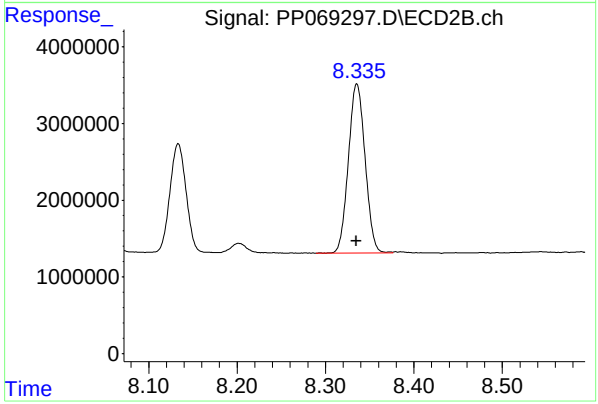
#43 AR-1268-3

R.T.: 8.041 min
Delta R.T.: 0.000 min
Response: 63724602
Conc: 501.70 ng/ml



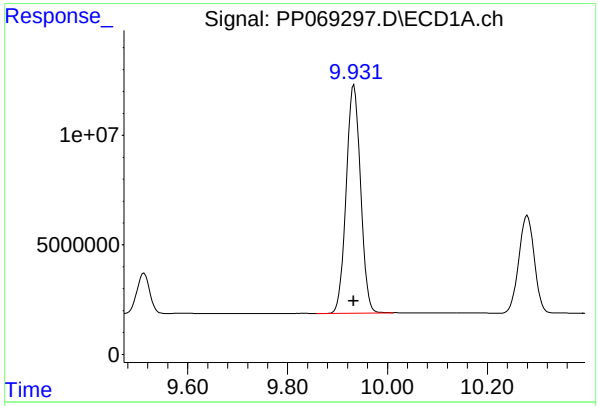
#44 AR-1268-4

R.T.: 9.513 min
Delta R.T.: 0.003 min
Response: 33018344
Conc: 510.43 ng/ml



#44 AR-1268-4

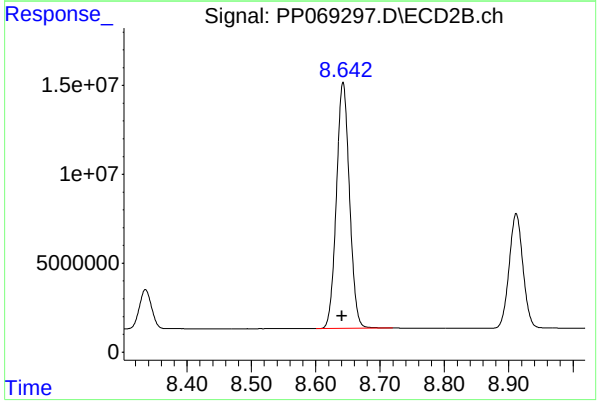
R.T.: 8.335 min
Delta R.T.: 0.000 min
Response: 29034055
Conc: 493.87 ng/ml



#45 AR-1268-5

R.T.: 9.933 min
Delta R.T.: 0.000 mi
Response: 207800294
Conc: 501.33 ng/m

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1268



#45 AR-1268-5

R.T.: 8.643 min
Delta R.T.: 0.001 min
Response: 195613558
Conc: 499.44 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Contract: WEST04

Lab Code: CHEM **Case No.:** Q1352 **SAS No.:** Q1352 **SDG NO.:** Q1352

Continuing Calib Date: 02/12/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 09:38 **Initial Calibration Time(s):** 09:37 17:30

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.69	5.69	5.59	5.79	0.00
Aroclor-1016-2	(2)	5.71	5.71	5.61	5.81	0.00
Aroclor-1016-3	(3)	5.77	5.78	5.68	5.88	0.01
Aroclor-1016-4	(4)	5.87	5.87	5.77	5.97	0.00
Aroclor-1016-5	(5)	6.16	6.17	6.07	6.27	0.01
Aroclor-1260-1	(1)	7.28	7.29	7.19	7.39	0.01
Aroclor-1260-2	(2)	7.54	7.54	7.44	7.64	0.00
Aroclor-1260-3	(3)	7.90	7.90	7.80	8.00	0.01
Aroclor-1260-4	(4)	8.12	8.13	8.03	8.23	0.01
Aroclor-1260-5	(5)	8.44	8.45	8.35	8.55	0.01
Tetrachloro-m-xylene		4.54	4.54	4.44	4.64	0.00
Decachlorobiphenyl		10.27	10.28	10.18	10.38	0.01

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

CALIBRATION VERIFICATION SUMMARY

Contract: WEST04

Lab Code: CHEM **Case No.:** Q1352 **SAS No.:** Q1352 **SDG NO.:** Q1352

Continuing Calib Date: 02/12/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 09:38 **Initial Calibration Time(s):** 09:37 17:30

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.93	4.93	4.83	5.03	0.00
Aroclor-1016-2	(2)	4.95	4.95	4.85	5.05	0.00
Aroclor-1016-3	(3)	5.13	5.13	5.03	5.23	0.00
Aroclor-1016-4	(4)	5.17	5.17	5.07	5.27	0.00
Aroclor-1016-5	(5)	5.38	5.39	5.29	5.49	0.01
Aroclor-1260-1	(1)	6.42	6.43	6.33	6.53	0.01
Aroclor-1260-2	(2)	6.61	6.62	6.52	6.72	0.01
Aroclor-1260-3	(3)	6.76	6.77	6.67	6.87	0.01
Aroclor-1260-4	(4)	7.24	7.24	7.14	7.34	0.00
Aroclor-1260-5	(5)	7.48	7.48	7.38	7.58	0.00
Tetrachloro-m-xylene		3.84	3.84	3.74	3.94	0.00
Decachlorobiphenyl		8.90	8.91	8.81	9.01	0.01

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Contract: WEST04

Lab Code: CHEM **Case No.:** Q1352 **SAS No.:** Q1352 **SDG NO.:** Q1352

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL01 **Date Analyzed:** 02/12/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP069670.D **Time Analyzed:** 09:38

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.689	5.592	5.792	514.840	500.000	3.0
Aroclor-1016-2	5.710	5.614	5.814	524.890	500.000	5.0
Aroclor-1016-3	5.773	5.676	5.876	510.710	500.000	2.1
Aroclor-1016-4	5.871	5.774	5.974	521.610	500.000	4.3
Aroclor-1016-5	6.164	6.067	6.267	512.630	500.000	2.5
Aroclor-1260-1	7.282	7.187	7.387	453.200	500.000	-9.4
Aroclor-1260-2	7.536	7.441	7.641	449.310	500.000	-10.1
Aroclor-1260-3	7.895	7.800	8.000	454.030	500.000	-9.2
Aroclor-1260-4	8.119	8.025	8.225	423.630	500.000	-15.3
Aroclor-1260-5	8.440	8.347	8.547	443.470	500.000	-11.3
Decachlorobiphenyl	10.269	10.179	10.379	48.630	50.000	-2.7
Tetrachloro-m-xylene	4.536	4.438	4.638	54.300	50.000	8.6

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Contract: WEST04

Lab Code: CHEM **Case No.:** Q1352 **SAS No.:** Q1352 **SDG NO.:** Q1352

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL01 **Date Analyzed:** 02/12/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP069670.D **Time Analyzed:** 09:38

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.929	4.834	5.034	517.040	500.000	3.4
Aroclor-1016-2	4.948	4.853	5.053	523.770	500.000	4.8
Aroclor-1016-3	5.126	5.030	5.230	527.310	500.000	5.5
Aroclor-1016-4	5.167	5.072	5.272	515.870	500.000	3.2
Aroclor-1016-5	5.382	5.288	5.488	527.210	500.000	5.4
Aroclor-1260-1	6.421	6.326	6.526	523.760	500.000	4.8
Aroclor-1260-2	6.608	6.515	6.715	516.240	500.000	3.2
Aroclor-1260-3	6.763	6.670	6.870	454.590	500.000	-9.1
Aroclor-1260-4	7.235	7.142	7.342	495.190	500.000	-1.0
Aroclor-1260-5	7.476	7.384	7.584	496.840	500.000	-0.6
Decachlorobiphenyl	8.900	8.811	9.011	46.250	50.000	-7.5
Tetrachloro-m-xylene	3.839	3.740	3.940	53.530	50.000	7.1

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021225\
Data File : PP069670.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Feb 2025 09:38
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 12 22:22:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.536	3.839	77724364	47781678	54.296	53.535
2)	SA Decachlor...	10.269	8.900	53148639	51733128	48.631	46.253
	Target Compounds						
3)	L1 AR-1016-1	5.689	4.929	23854308	16863345	514.845	517.042
4)	L1 AR-1016-2	5.710	4.948	35628265	23548044	524.893	523.774
5)	L1 AR-1016-3	5.773	5.126	21754552	13121696	510.711	527.315
6)	L1 AR-1016-4	5.871	5.167	18256651	10418636	521.612	515.869
7)	L1 AR-1016-5	6.164	5.382	16946662	14141747	512.626	527.207
31)	L7 AR-1260-1	7.282	6.421	26483074	25260777	453.196	523.762
32)	L7 AR-1260-2	7.536	6.608	34961965	31647410	449.308	516.240
33)	L7 AR-1260-3	7.895	6.763	28385378	27346431	454.026	454.589m
34)	L7 AR-1260-4	8.119	7.235	27949910	23010422	423.633	495.192
35)	L7 AR-1260-5	8.440	7.476	58061164	55221197	443.466	496.839

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021225\
Data File : PP069670.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Feb 2025 09:38
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

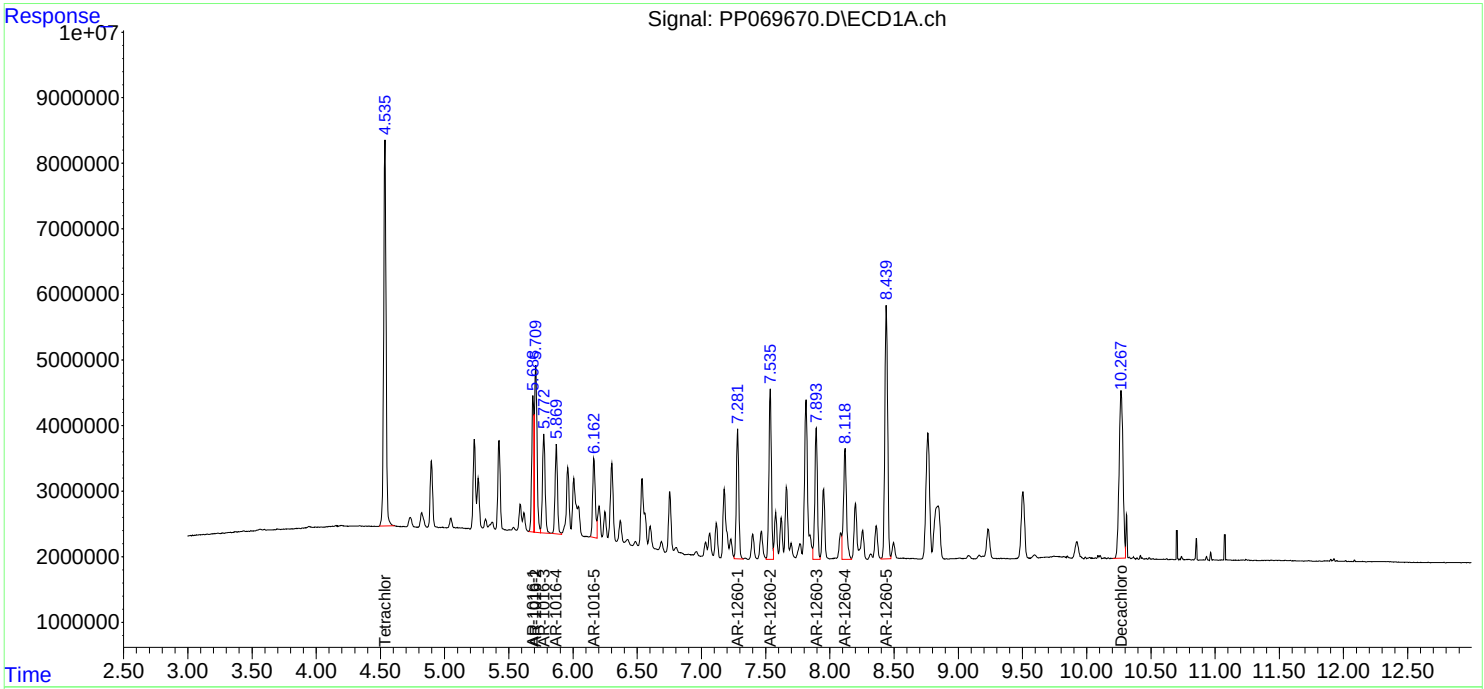
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

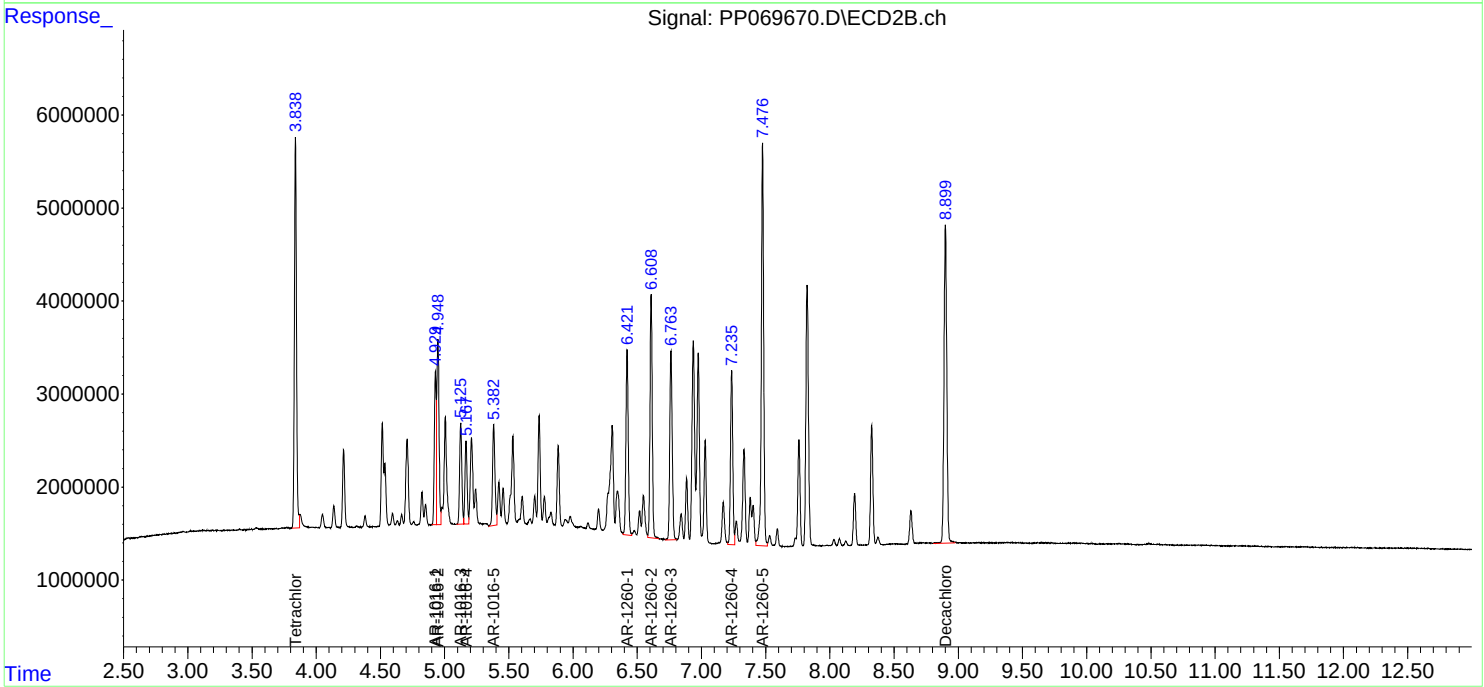
Manual Integrations APPROVED

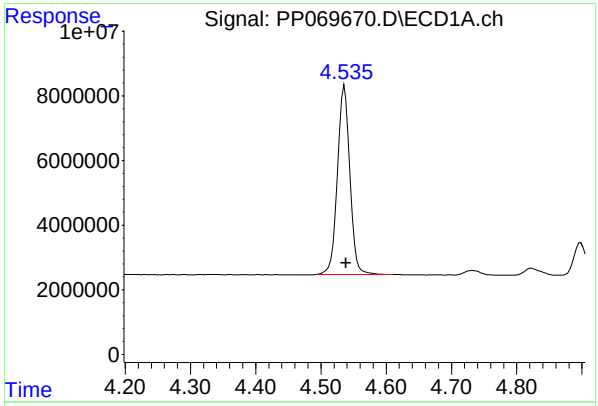
Reviewed By :Yogesh Patel 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 12 22:22:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







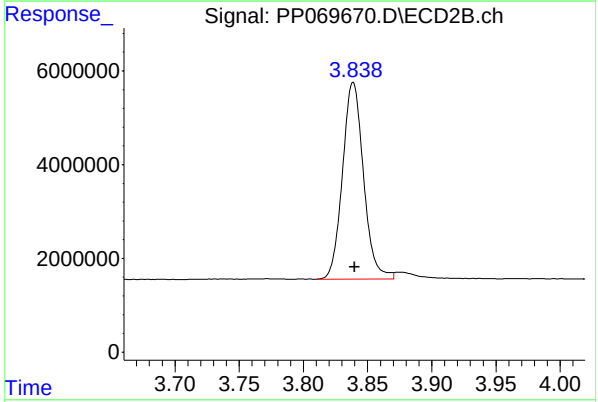
#1 Tetrachloro-m-xylene

R.T.: 4.536 min
Delta R.T.: -0.002 min
Response: 77724364
Conc: 54.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

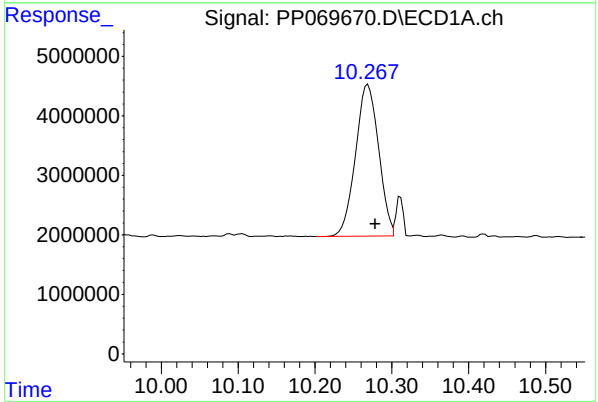
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025



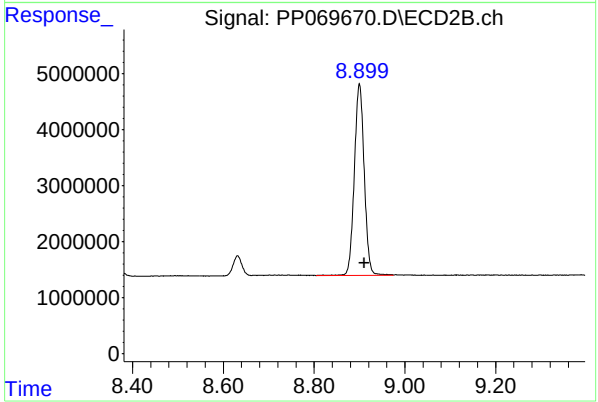
#1 Tetrachloro-m-xylene

R.T.: 3.839 min
Delta R.T.: -0.001 min
Response: 47781678
Conc: 53.53 ng/ml



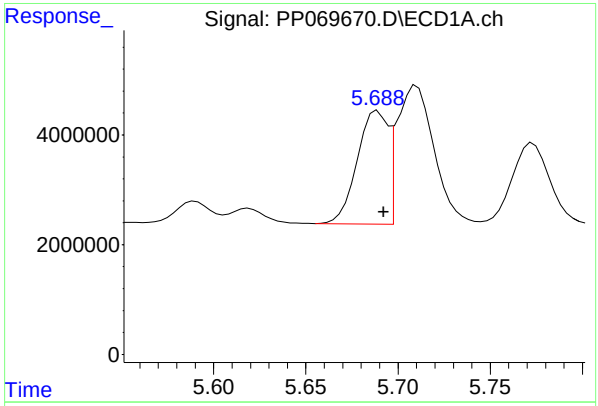
#2 Decachlorobiphenyl

R.T.: 10.269 min
Delta R.T.: -0.010 min
Response: 53148639
Conc: 48.63 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.900 min
Delta R.T.: -0.011 min
Response: 51733128
Conc: 46.25 ng/ml



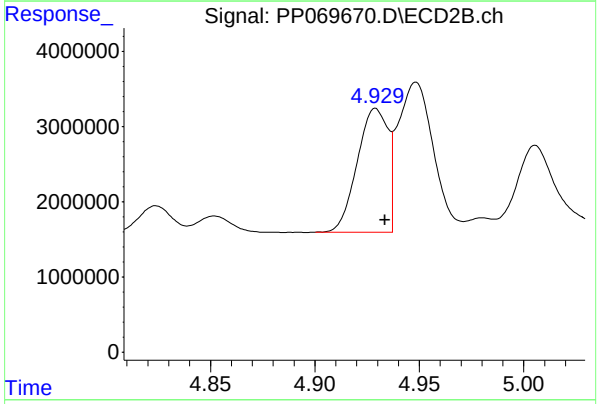
#3 AR-1016-1

R.T.: 5.689 min
Delta R.T.: -0.003 min
Response: 23854308
Conc: 514.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

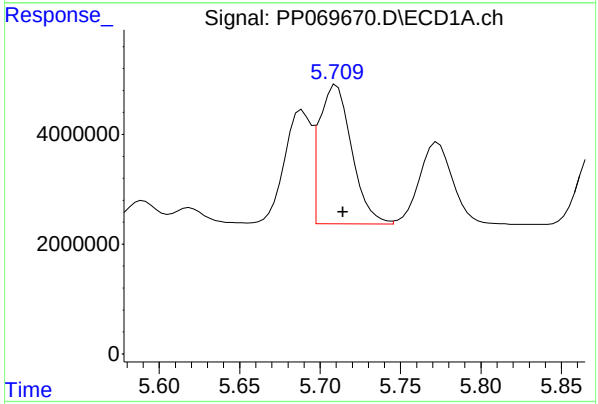
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025



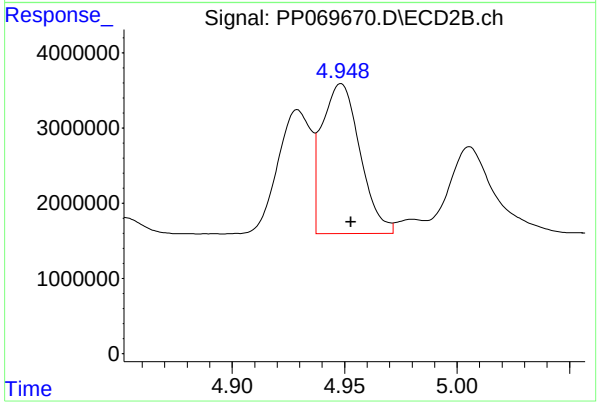
#3 AR-1016-1

R.T.: 4.929 min
Delta R.T.: -0.004 min
Response: 16863345
Conc: 517.04 ng/ml



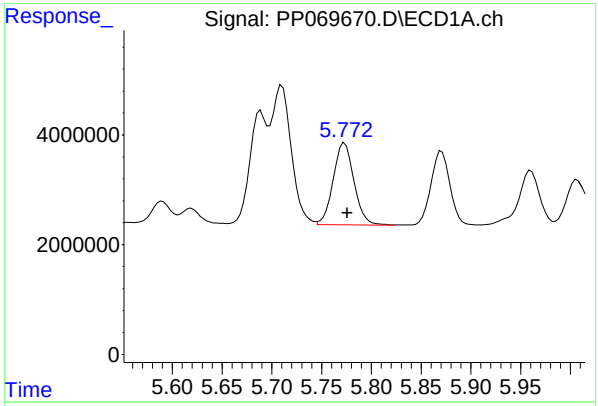
#4 AR-1016-2

R.T.: 5.710 min
Delta R.T.: -0.004 min
Response: 35628265
Conc: 524.89 ng/ml



#4 AR-1016-2

R.T.: 4.948 min
Delta R.T.: -0.004 min
Response: 23548044
Conc: 523.77 ng/ml



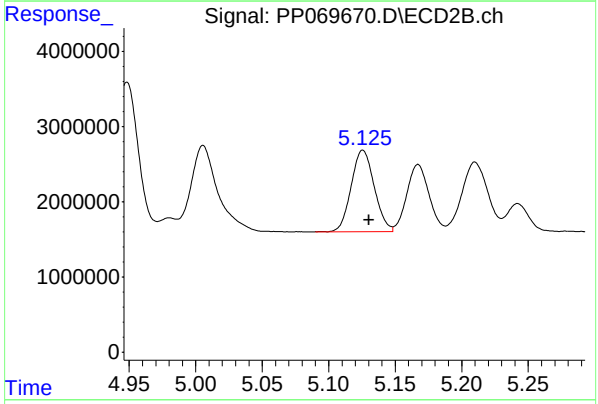
#5 AR-1016-3

R.T.: 5.773 min
Delta R.T.: -0.003 min
Response: 21754552
Conc: 510.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

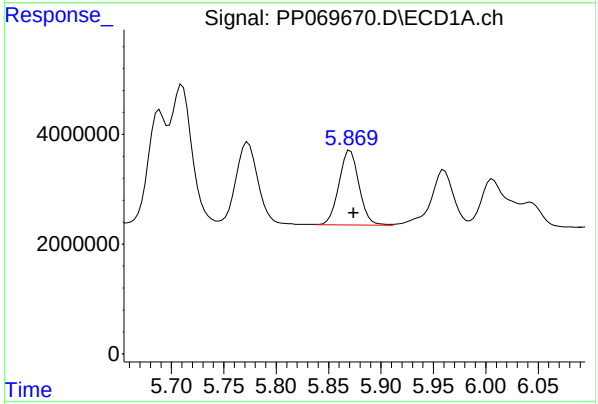
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025



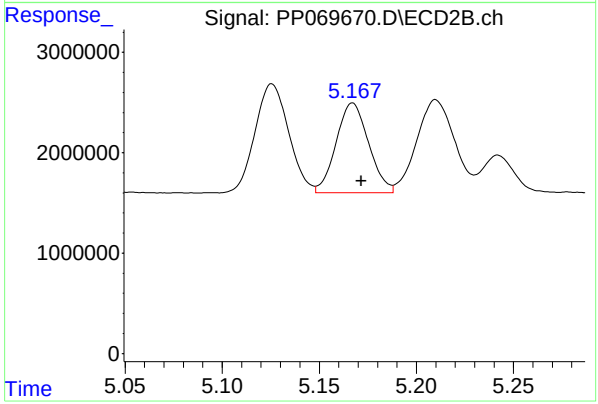
#5 AR-1016-3

R.T.: 5.126 min
Delta R.T.: -0.005 min
Response: 13121696
Conc: 527.31 ng/ml



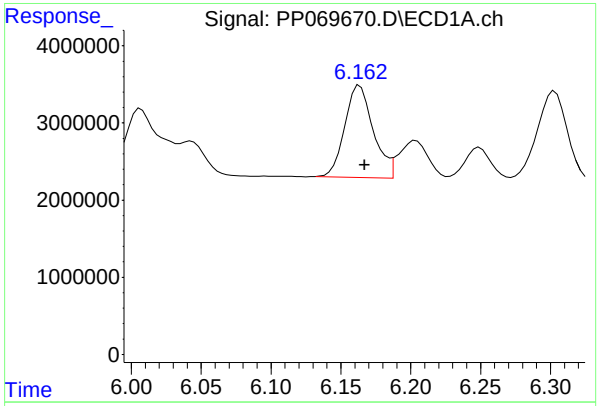
#6 AR-1016-4

R.T.: 5.871 min
Delta R.T.: -0.003 min
Response: 18256651
Conc: 521.61 ng/ml



#6 AR-1016-4

R.T.: 5.167 min
Delta R.T.: -0.004 min
Response: 10418636
Conc: 515.87 ng/ml



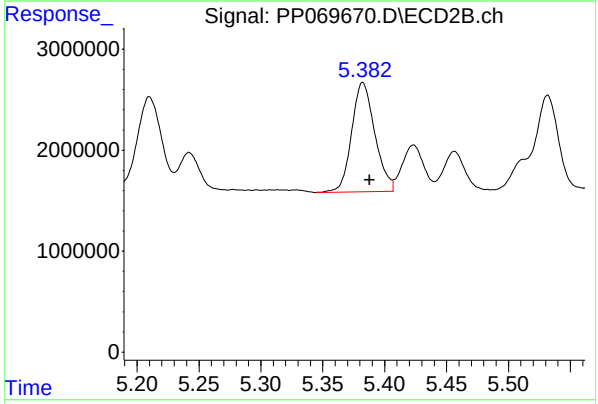
#7 AR-1016-5

R.T.: 6.164 min
Delta R.T.: -0.003 min
Response: 16946662
Conc: 512.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

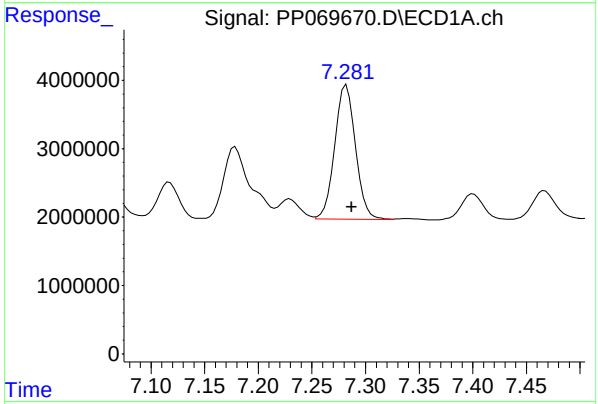
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025



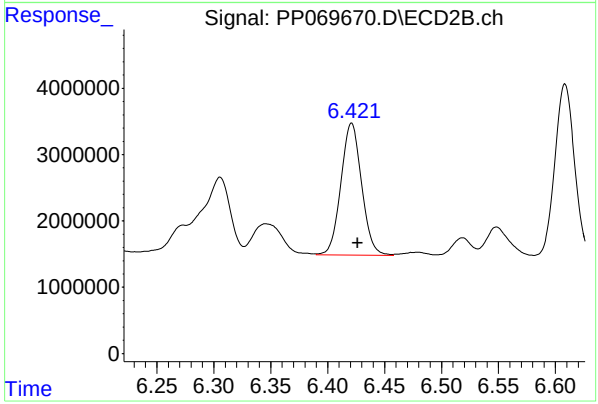
#7 AR-1016-5

R.T.: 5.382 min
Delta R.T.: -0.005 min
Response: 14141747
Conc: 527.21 ng/ml



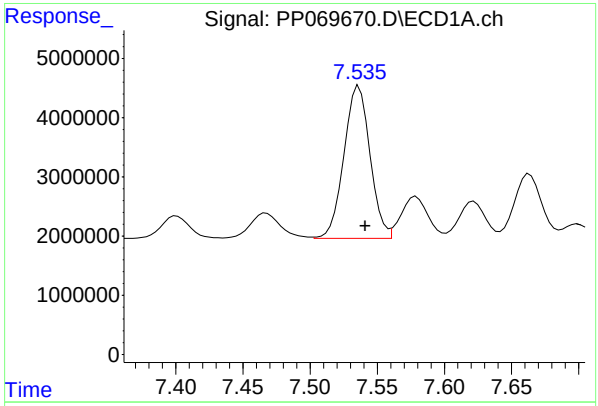
#31 AR-1260-1

R.T.: 7.282 min
Delta R.T.: -0.005 min
Response: 26483074
Conc: 453.20 ng/ml



#31 AR-1260-1

R.T.: 6.421 min
Delta R.T.: -0.005 min
Response: 25260777
Conc: 523.76 ng/ml



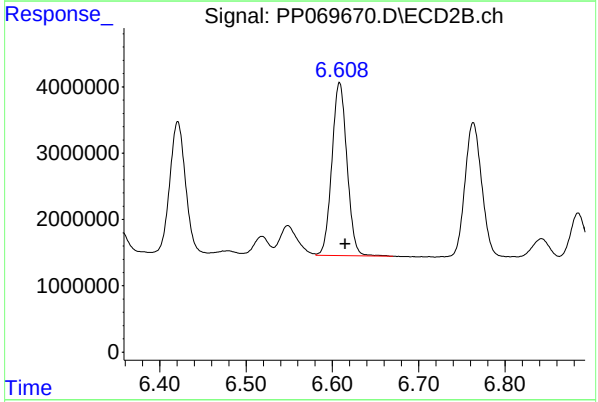
#32 AR-1260-2

R.T.: 7.536 min
Delta R.T.: -0.005 mi
Response: 34961965
Conc: 449.31 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

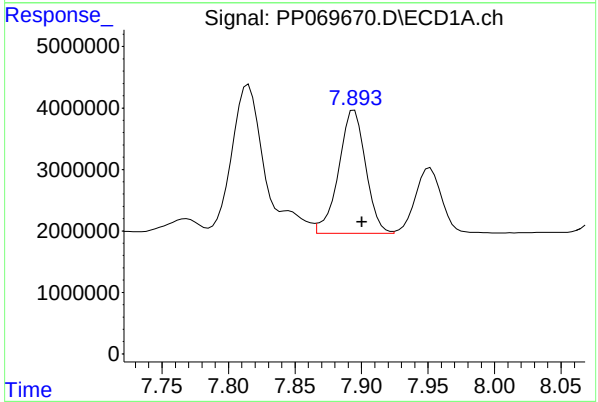
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025



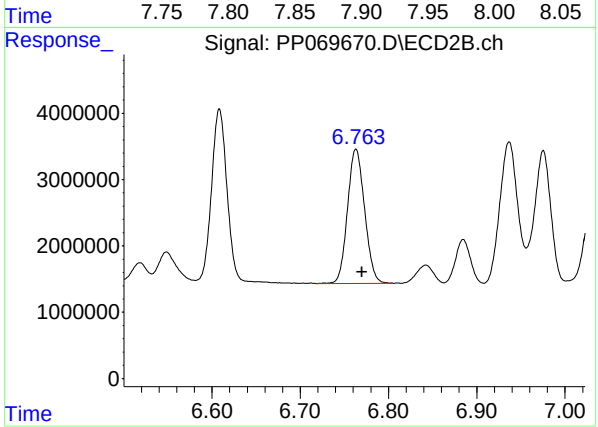
#32 AR-1260-2

R.T.: 6.608 min
Delta R.T.: -0.007 min
Response: 31647410
Conc: 516.24 ng/ml



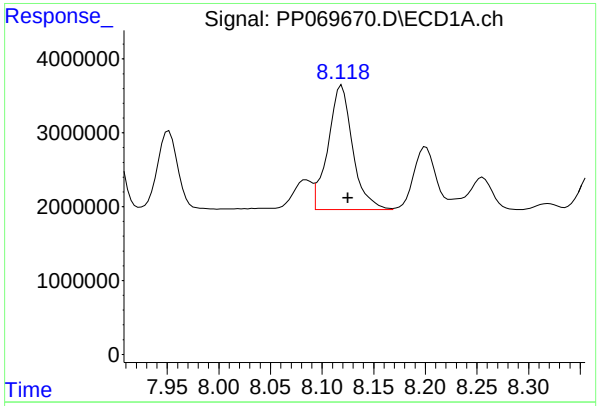
#33 AR-1260-3

R.T.: 7.895 min
Delta R.T.: -0.006 min
Response: 28385378
Conc: 454.03 ng/ml



#33 AR-1260-3

R.T.: 6.763 min
Delta R.T.: -0.007 min
Response: 27346431
Conc: 454.59 ng/ml m



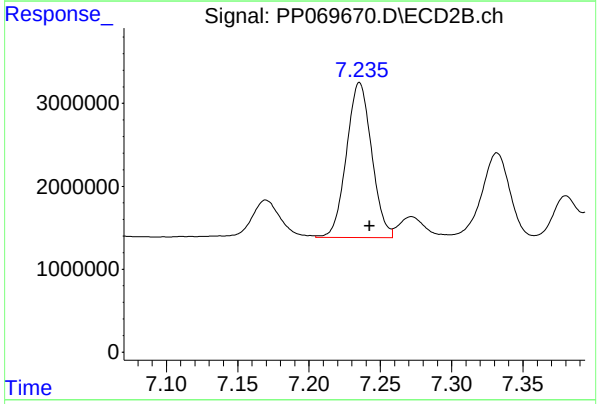
#34 AR-1260-4

R.T.: 8.119 min
Delta R.T.: -0.006 min
Response: 27949910
Conc: 423.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

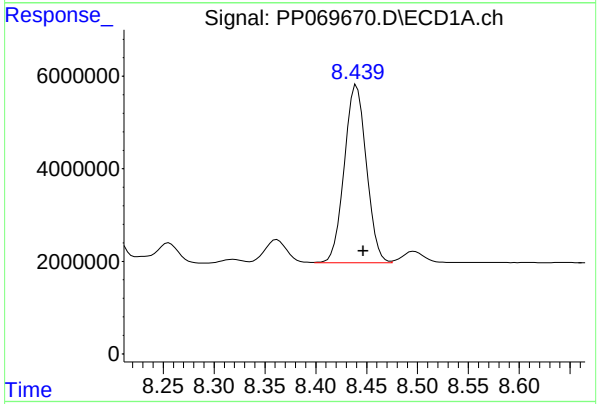
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025



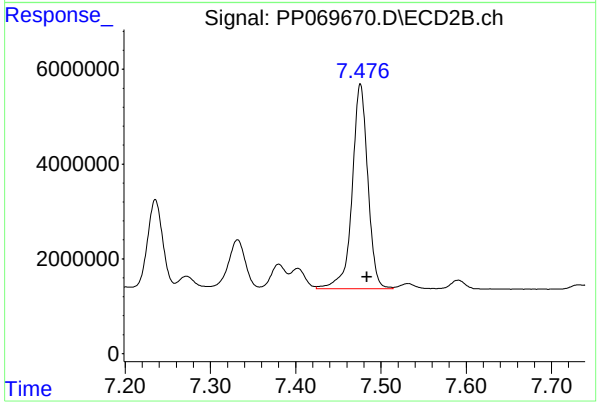
#34 AR-1260-4

R.T.: 7.235 min
Delta R.T.: -0.007 min
Response: 23010422
Conc: 495.19 ng/ml



#35 AR-1260-5

R.T.: 8.440 min
Delta R.T.: -0.007 min
Response: 58061164
Conc: 443.47 ng/ml



#35 AR-1260-5

R.T.: 7.476 min
Delta R.T.: -0.008 min
Response: 55221197
Conc: 496.84 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Contract: WEST04

Lab Code: CHEM **Case No.:** Q1352 **SAS No.:** Q1352 **SDG NO.:** Q1352

Continuing Calib Date: 02/12/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 15:59 **Initial Calibration Time(s):** 09:37 17:30

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.69	5.69	5.59	5.79	0.00
Aroclor-1016-2	(2)	5.71	5.71	5.61	5.81	0.00
Aroclor-1016-3	(3)	5.77	5.78	5.68	5.88	0.01
Aroclor-1016-4	(4)	5.87	5.87	5.77	5.97	0.00
Aroclor-1016-5	(5)	6.16	6.17	6.07	6.27	0.01
Aroclor-1260-1	(1)	7.28	7.29	7.19	7.39	0.01
Aroclor-1260-2	(2)	7.53	7.54	7.44	7.64	0.01
Aroclor-1260-3	(3)	7.89	7.90	7.80	8.00	0.01
Aroclor-1260-4	(4)	8.12	8.13	8.03	8.23	0.02
Aroclor-1260-5	(5)	8.44	8.45	8.35	8.55	0.01
Tetrachloro-m-xylene		4.53	4.54	4.44	4.64	0.01
Decachlorobiphenyl		10.26	10.28	10.18	10.38	0.02

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

CALIBRATION VERIFICATION SUMMARY

Contract: WEST04

Lab Code: CHEM **Case No.:** Q1352 **SAS No.:** Q1352 **SDG NO.:** Q1352

Continuing Calib Date: 02/12/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 15:59 **Initial Calibration Time(s):** 09:37 17:30

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)	4.93	4.93	4.83	5.03	0.00
Aroclor-1016-2	(2)	4.95	4.95	4.85	5.05	0.00
Aroclor-1016-3	(3)	5.12	5.13	5.03	5.23	0.01
Aroclor-1016-4	(4)	5.16	5.17	5.07	5.27	0.01
Aroclor-1016-5	(5)	5.38	5.39	5.29	5.49	0.01
Aroclor-1260-1	(1)	6.42	6.43	6.33	6.53	0.01
Aroclor-1260-2	(2)	6.61	6.62	6.52	6.72	0.01
Aroclor-1260-3	(3)	6.76	6.77	6.67	6.87	0.01
Aroclor-1260-4	(4)	7.23	7.24	7.14	7.34	0.01
Aroclor-1260-5	(5)	7.47	7.48	7.38	7.58	0.01
Tetrachloro-m-xylene		3.84	3.84	3.74	3.94	0.00
Decachlorobiphenyl		8.90	8.91	8.81	9.01	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: WEST04

Lab Code: CHEM **Case No.:** Q1352 **SAS No.:** Q1352 **SDG NO.:** Q1352

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL02 **Date Analyzed:** 02/12/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP069684.D **Time Analyzed:** 15:59

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.686	5.592	5.792	516.380	500.000	3.3
Aroclor-1016-2	5.707	5.614	5.814	511.390	500.000	2.3
Aroclor-1016-3	5.769	5.676	5.876	504.930	500.000	1.0
Aroclor-1016-4	5.867	5.774	5.974	513.380	500.000	2.7
Aroclor-1016-5	6.160	6.067	6.267	505.230	500.000	1.0
Aroclor-1260-1	7.278	7.187	7.387	477.620	500.000	-4.5
Aroclor-1260-2	7.532	7.441	7.641	450.670	500.000	-9.9
Aroclor-1260-3	7.891	7.800	8.000	450.580	500.000	-9.9
Aroclor-1260-4	8.115	8.025	8.225	428.740	500.000	-14.3
Aroclor-1260-5	8.435	8.347	8.547	446.270	500.000	-10.7
Decachlorobiphenyl	10.262	10.179	10.379	49.000	50.000	-2.0
Tetrachloro-m-xylene	4.533	4.438	4.638	53.170	50.000	6.3

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Contract: WEST04

Lab Code: CHEM **Case No.:** Q1352 **SAS No.:** Q1352 **SDG NO.:** Q1352

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL02 **Date Analyzed:** 02/12/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP069684.D **Time Analyzed:** 15:59

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.927	4.834	5.034	501.590	500.000	0.3
Aroclor-1016-2	4.946	4.853	5.053	508.320	500.000	1.7
Aroclor-1016-3	5.123	5.030	5.230	509.900	500.000	2.0
Aroclor-1016-4	5.164	5.072	5.272	504.660	500.000	0.9
Aroclor-1016-5	5.380	5.288	5.488	503.820	500.000	0.8
Aroclor-1260-1	6.418	6.326	6.526	515.090	500.000	3.0
Aroclor-1260-2	6.606	6.515	6.715	508.090	500.000	1.6
Aroclor-1260-3	6.759	6.670	6.870	469.830	500.000	-6.0
Aroclor-1260-4	7.232	7.142	7.342	489.630	500.000	-2.1
Aroclor-1260-5	7.471	7.384	7.584	492.260	500.000	-1.5
Decachlorobiphenyl	8.895	8.811	9.011	45.760	50.000	-8.5
Tetrachloro-m-xylene	3.837	3.740	3.940	51.700	50.000	3.4

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021225\
Data File : PP069684.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Feb 2025 15:59
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 12 22:26:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.533	3.837	76106422	46142423	53.166	51.698
2)	SA Decachlor...	10.262	8.895	53548968	51181318	48.997	45.760
	Target Compounds						
3)	L1 AR-1016-1	5.686	4.927	23925492	16359527	516.381	501.595
4)	L1 AR-1016-2	5.707	4.946	34711982	22853223	511.394	508.319
5)	L1 AR-1016-3	5.769	5.123	21508221	12688413	504.928	509.903
6)	L1 AR-1016-4	5.867	5.164	17968681	10192249	513.384	504.660
7)	L1 AR-1016-5	6.160	5.380	16702331	13514517	505.235	503.824
31)	L7 AR-1260-1	7.278	6.418	27910335	24842456	477.620	515.088
32)	L7 AR-1260-2	7.532	6.606	35068192	31147496	450.673	508.085
33)	L7 AR-1260-3	7.891	6.759	28169641	28263551	450.575	469.834m
34)	L7 AR-1260-4	8.115	7.232	28287110	22752184	428.744	489.634
35)	L7 AR-1260-5	8.435	7.471	58428354	54712584	446.270	492.263

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021225\
Data File : PP069684.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Feb 2025 15:59
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

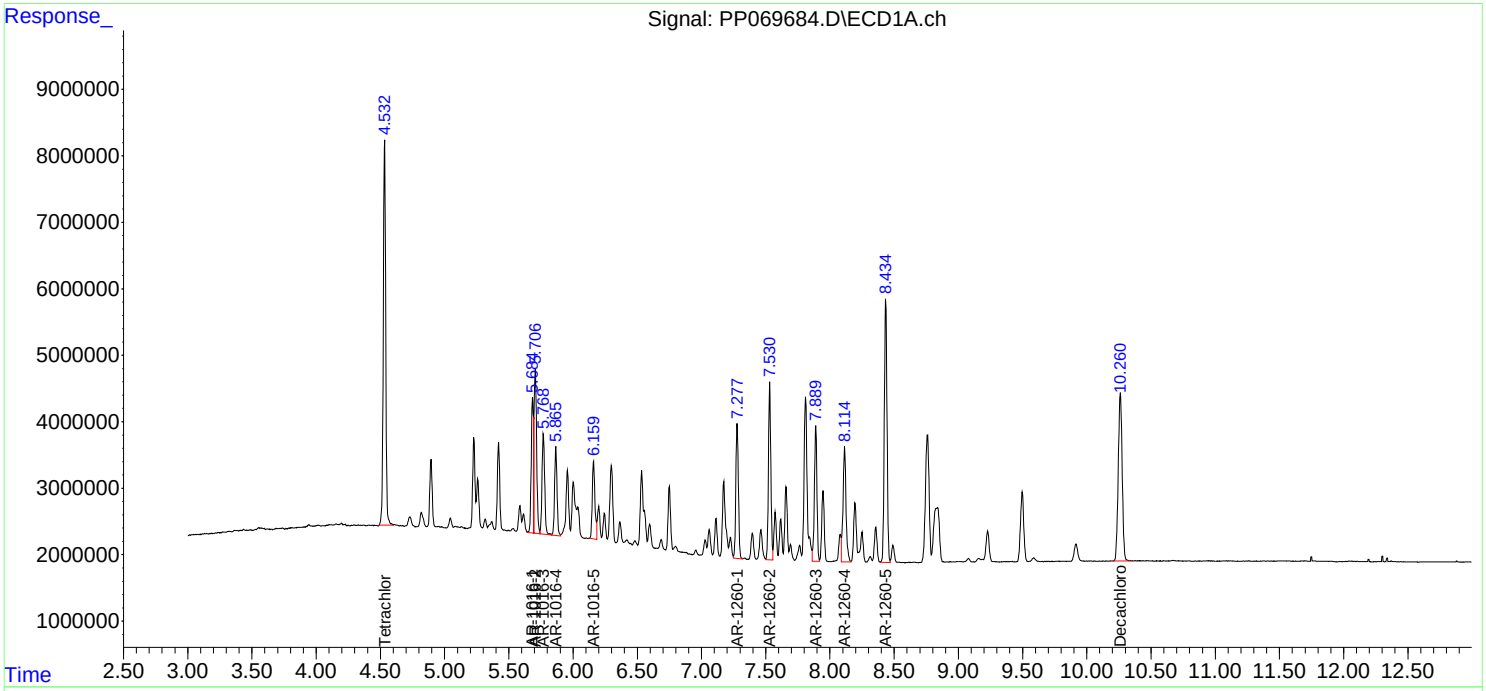
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

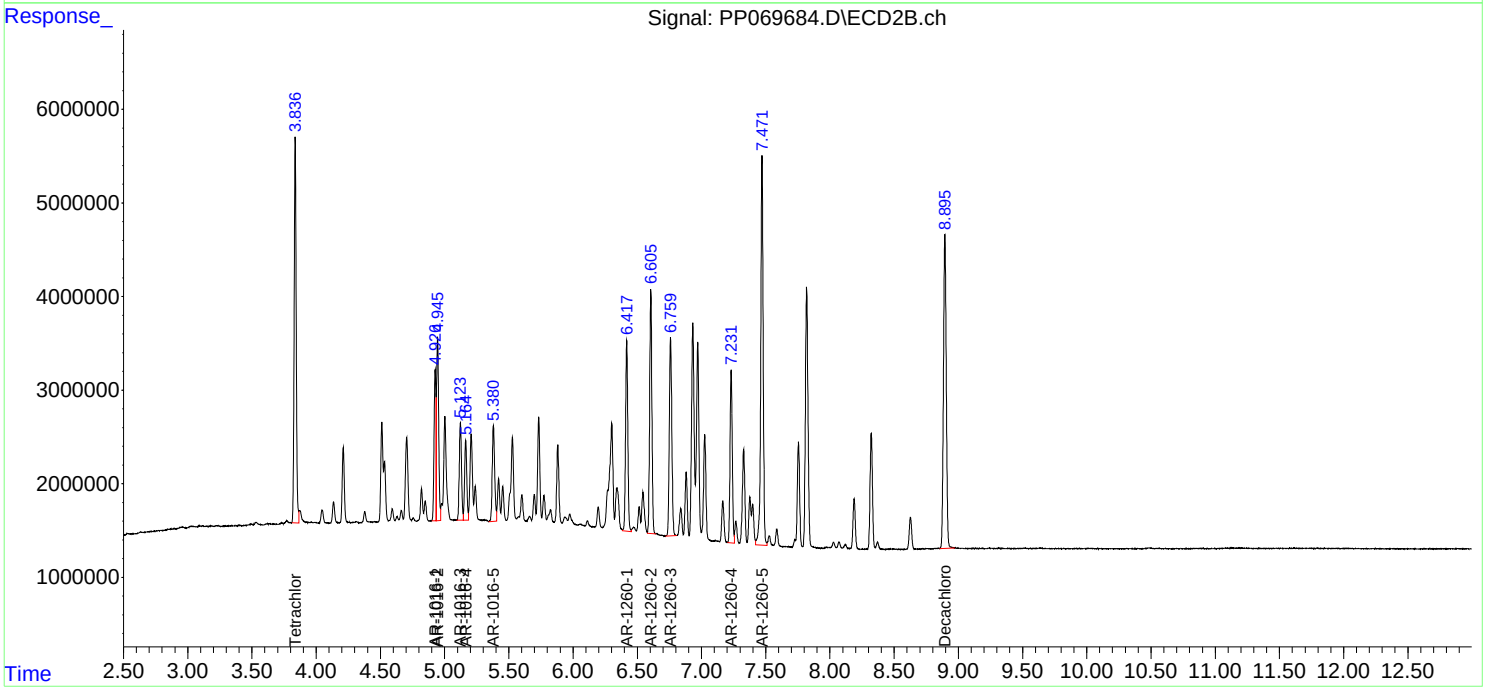
Manual Integrations APPROVED

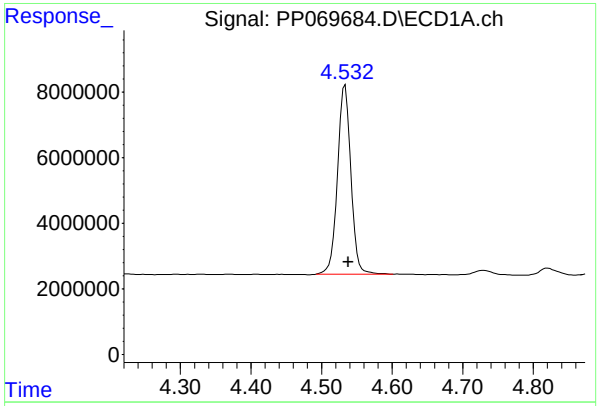
Reviewed By :Yogesh Patel 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 12 22:26:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







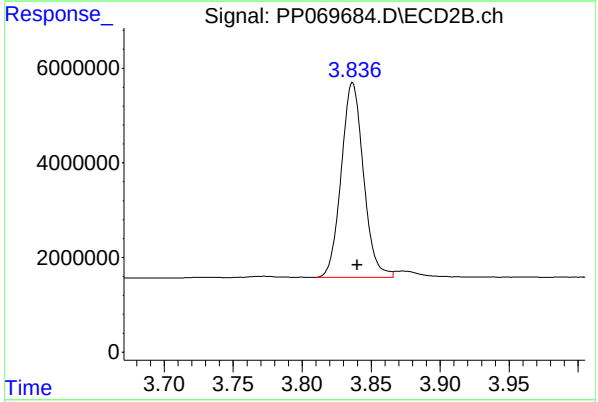
#1 Tetrachloro-m-xylene

R.T.: 4.533 min
Delta R.T.: -0.005 min
Response: 76106422
Conc: 53.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

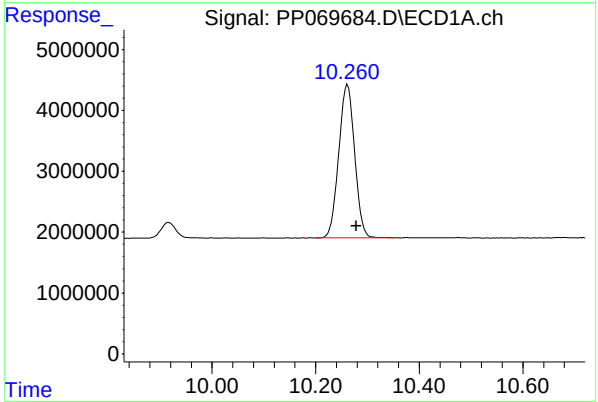
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025



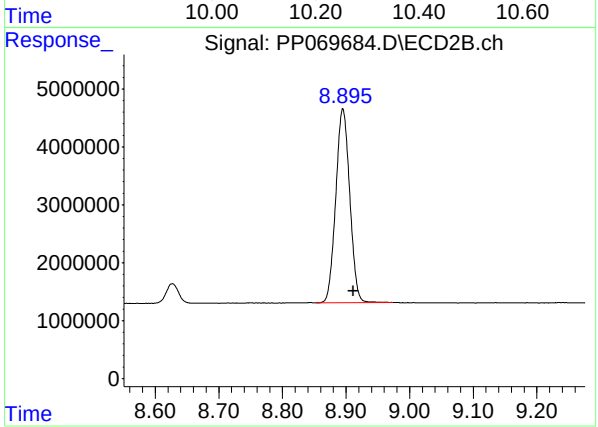
#1 Tetrachloro-m-xylene

R.T.: 3.837 min
Delta R.T.: -0.003 min
Response: 46142423
Conc: 51.70 ng/ml



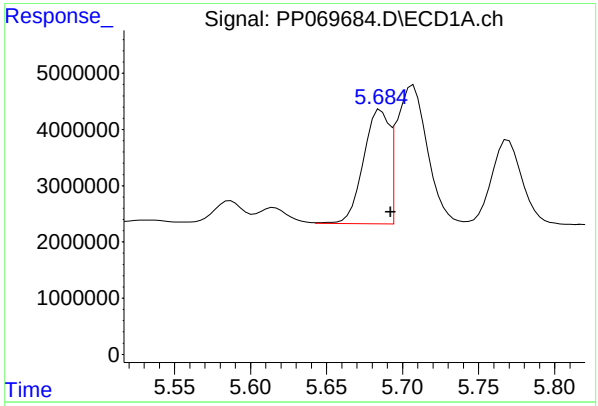
#2 Decachlorobiphenyl

R.T.: 10.262 min
Delta R.T.: -0.017 min
Response: 53548968
Conc: 49.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.895 min
Delta R.T.: -0.016 min
Response: 51181318
Conc: 45.76 ng/ml



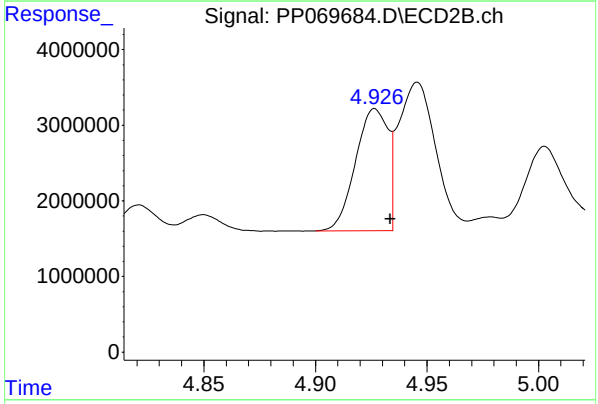
#3 AR-1016-1

R.T.: 5.686 min
Delta R.T.: -0.006 min
Response: 23925492
Conc: 516.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

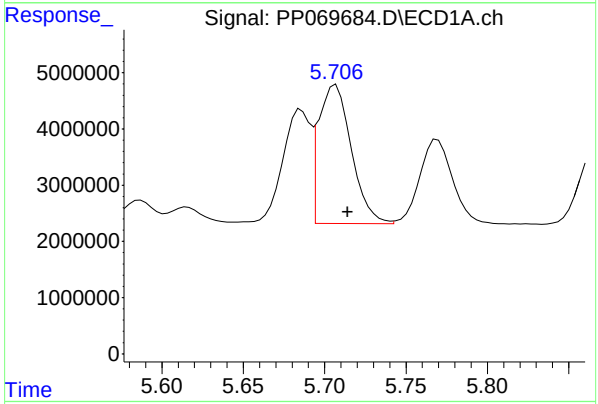
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025



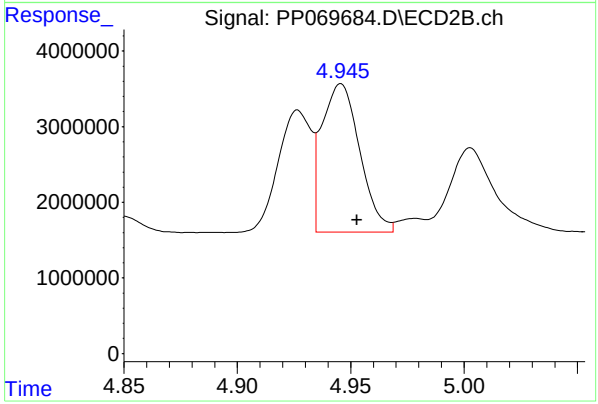
#3 AR-1016-1

R.T.: 4.927 min
Delta R.T.: -0.007 min
Response: 16359527
Conc: 501.59 ng/ml



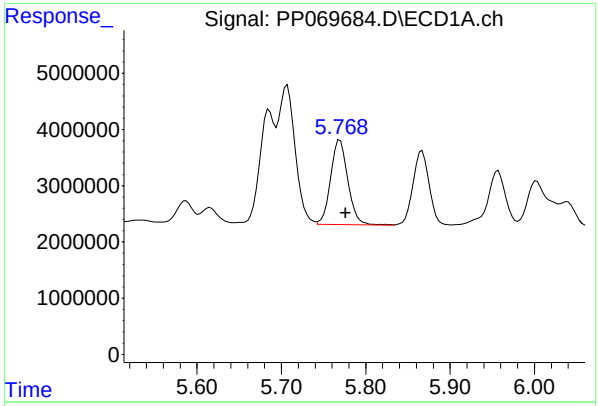
#4 AR-1016-2

R.T.: 5.707 min
Delta R.T.: -0.007 min
Response: 34711982
Conc: 511.39 ng/ml



#4 AR-1016-2

R.T.: 4.946 min
Delta R.T.: -0.007 min
Response: 22853223
Conc: 508.32 ng/ml



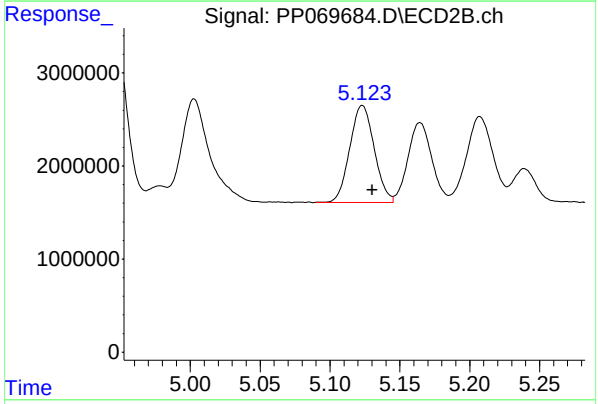
#5 AR-1016-3

R.T.: 5.769 min
Delta R.T.: -0.007 min
Response: 21508221
Conc: 504.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

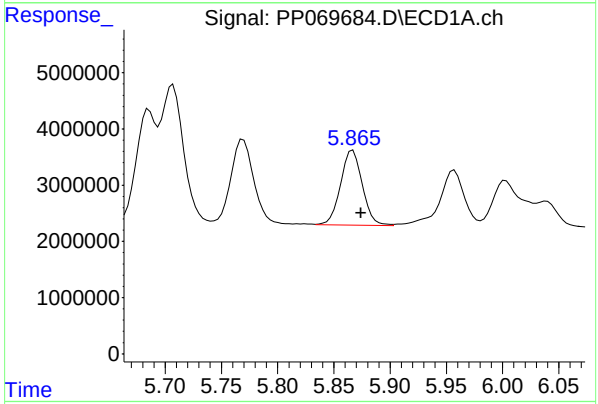
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025



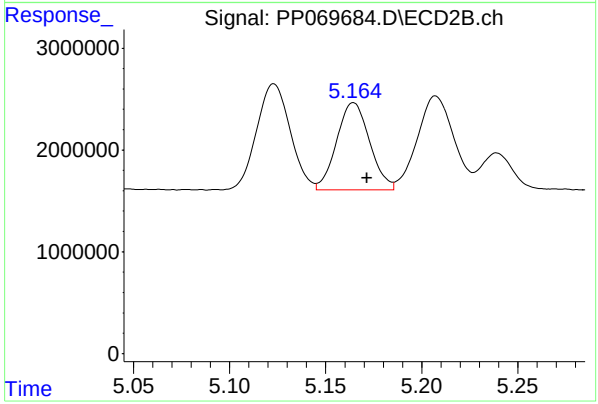
#5 AR-1016-3

R.T.: 5.123 min
Delta R.T.: -0.007 min
Response: 12688413
Conc: 509.90 ng/ml



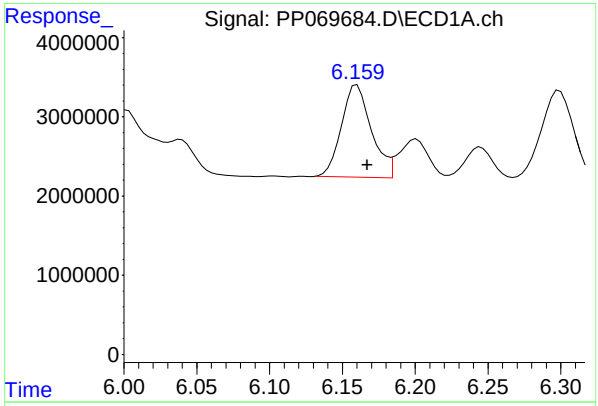
#6 AR-1016-4

R.T.: 5.867 min
Delta R.T.: -0.007 min
Response: 17968681
Conc: 513.38 ng/ml



#6 AR-1016-4

R.T.: 5.164 min
Delta R.T.: -0.007 min
Response: 10192249
Conc: 504.66 ng/ml



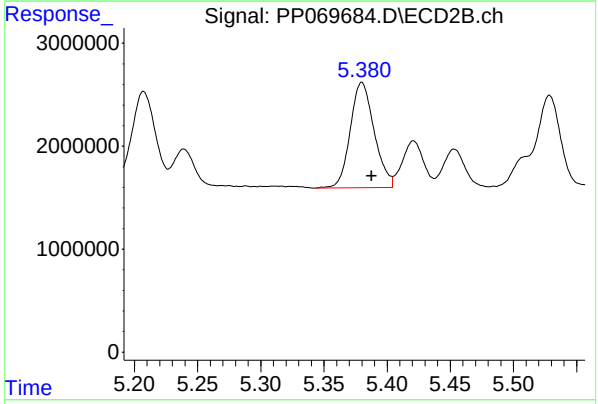
#7 AR-1016-5

R.T.: 6.160 min
Delta R.T.: -0.007 min
Response: 16702331
Conc: 505.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

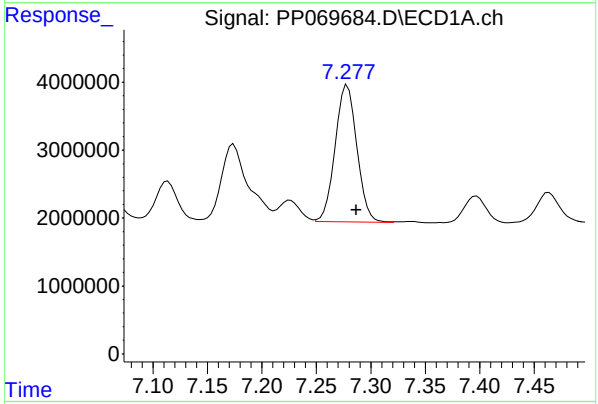
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025



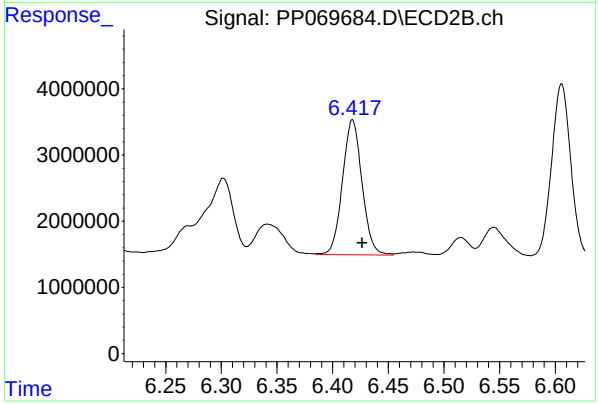
#7 AR-1016-5

R.T.: 5.380 min
Delta R.T.: -0.008 min
Response: 13514517
Conc: 503.82 ng/ml



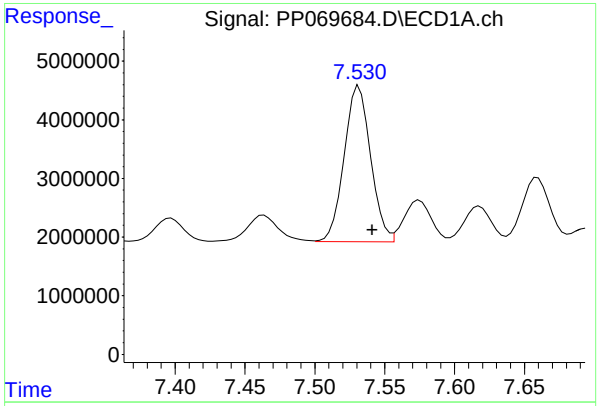
#31 AR-1260-1

R.T.: 7.278 min
Delta R.T.: -0.008 min
Response: 27910335
Conc: 477.62 ng/ml



#31 AR-1260-1

R.T.: 6.418 min
Delta R.T.: -0.009 min
Response: 24842456
Conc: 515.09 ng/ml



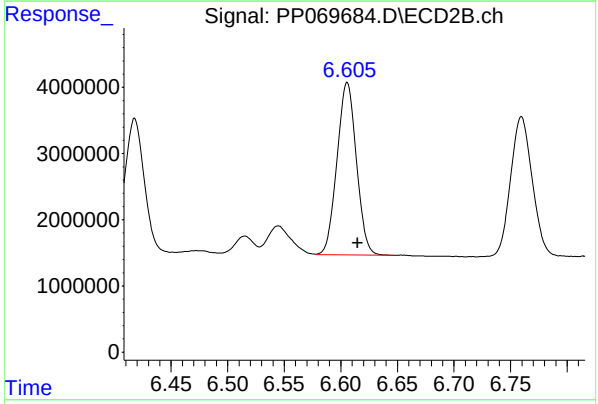
#32 AR-1260-2

R.T.: 7.532 min
Delta R.T.: -0.010 mi
Response: 35068192
Conc: 450.67 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

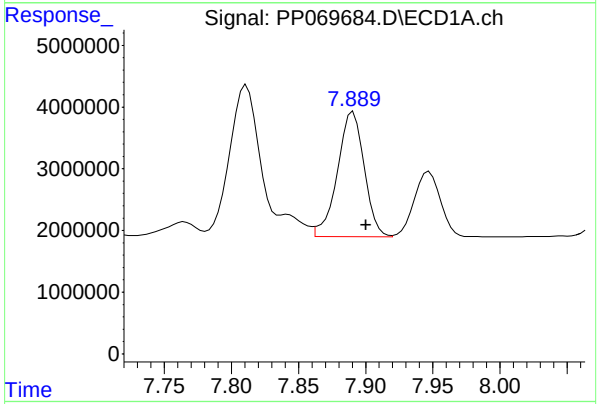
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025



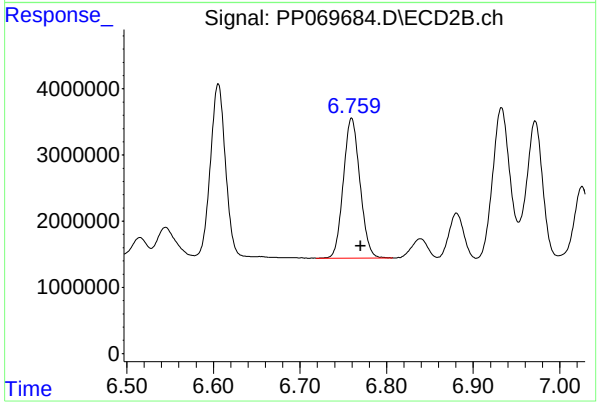
#32 AR-1260-2

R.T.: 6.606 min
Delta R.T.: -0.009 min
Response: 31147496
Conc: 508.09 ng/ml



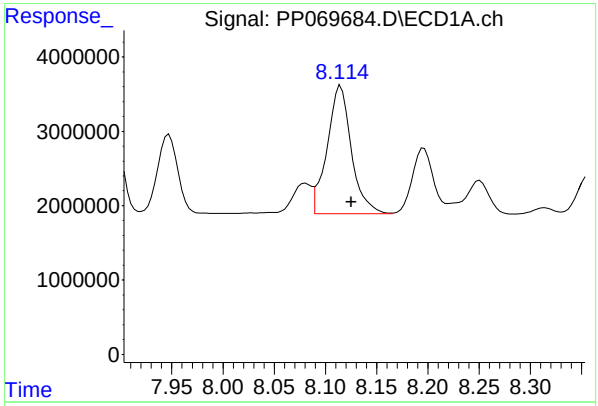
#33 AR-1260-3

R.T.: 7.891 min
Delta R.T.: -0.010 min
Response: 28169641
Conc: 450.58 ng/ml



#33 AR-1260-3

R.T.: 6.759 min
Delta R.T.: -0.011 min
Response: 28263551
Conc: 469.83 ng/ml m



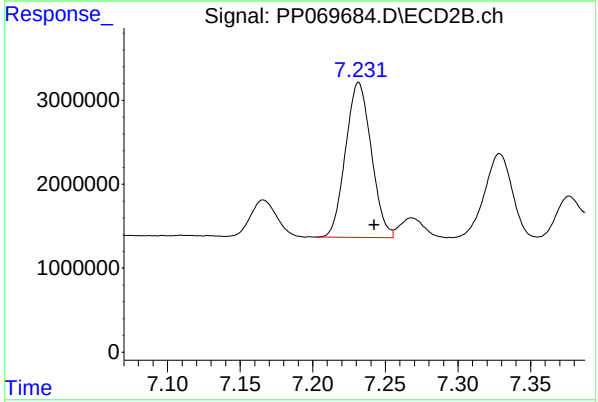
#34 AR-1260-4

R.T.: 8.115 min
Delta R.T.: -0.010 min
Response: 28287110
Conc: 428.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

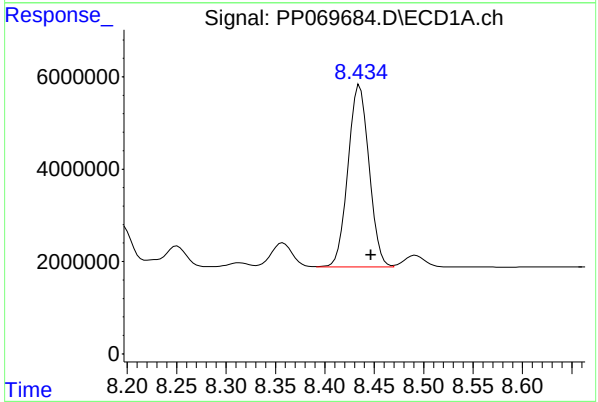
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025



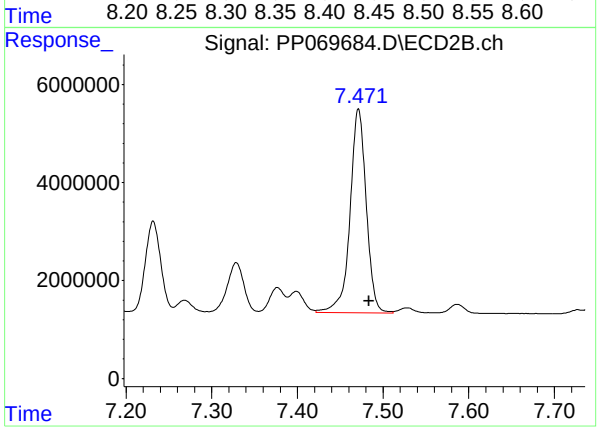
#34 AR-1260-4

R.T.: 7.232 min
Delta R.T.: -0.011 min
Response: 22752184
Conc: 489.63 ng/ml



#35 AR-1260-5

R.T.: 8.435 min
Delta R.T.: -0.011 min
Response: 58428354
Conc: 446.27 ng/ml



#35 AR-1260-5

R.T.: 7.471 min
Delta R.T.: -0.012 min
Response: 54712584
Conc: 492.26 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Contract: WEST04

Lab Code: CHEM **Case No.:** Q1352 **SAS No.:** Q1352 **SDG NO.:** Q1352

Continuing Calib Date: 02/13/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 13:47 **Initial Calibration Time(s):** 09:37 17:30

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.69	5.69	5.59	5.79	0.00
Aroclor-1016-2	(2)	5.71	5.71	5.61	5.81	0.00
Aroclor-1016-3	(3)	5.77	5.78	5.68	5.88	0.01
Aroclor-1016-4	(4)	5.87	5.87	5.77	5.97	0.00
Aroclor-1016-5	(5)	6.16	6.17	6.07	6.27	0.01
Aroclor-1260-1	(1)	7.28	7.29	7.19	7.39	0.01
Aroclor-1260-2	(2)	7.54	7.54	7.44	7.64	0.01
Aroclor-1260-3	(3)	7.89	7.90	7.80	8.00	0.01
Aroclor-1260-4	(4)	8.12	8.13	8.03	8.23	0.01
Aroclor-1260-5	(5)	8.44	8.45	8.35	8.55	0.01
Tetrachloro-m-xylene		4.53	4.54	4.44	4.64	0.01
Decachlorobiphenyl		10.27	10.28	10.18	10.38	0.01

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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: WEST04

Lab Code: CHEM **Case No.:** Q1352 **SAS No.:** Q1352 **SDG NO.:** Q1352

Continuing Calib Date: 02/13/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 13:47 **Initial Calibration Time(s):** 09:37 17:30

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)	4.93	4.93	4.83	5.03	0.00
Aroclor-1016-2	(2)	4.95	4.95	4.85	5.05	0.00
Aroclor-1016-3	(3)	5.13	5.13	5.03	5.23	0.00
Aroclor-1016-4	(4)	5.17	5.17	5.07	5.27	0.00
Aroclor-1016-5	(5)	5.38	5.39	5.29	5.49	0.01
Aroclor-1260-1	(1)	6.42	6.43	6.33	6.53	0.01
Aroclor-1260-2	(2)	6.61	6.62	6.52	6.72	0.01
Aroclor-1260-3	(3)	6.76	6.77	6.67	6.87	0.01
Aroclor-1260-4	(4)	7.24	7.24	7.14	7.34	0.00
Aroclor-1260-5	(5)	7.48	7.48	7.38	7.58	0.00
Tetrachloro-m-xylene		3.84	3.84	3.74	3.94	0.00
Decachlorobiphenyl		8.90	8.91	8.81	9.01	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: WEST04

Lab Code: CHEM **Case No.:** Q1352 **SAS No.:** Q1352 **SDG NO.:** Q1352

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL03 **Date Analyzed:** 02/13/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP069716.D **Time Analyzed:** 13:47

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.687	5.592	5.792	552.380	500.000	10.5
Aroclor-1016-2	5.708	5.614	5.814	557.950	500.000	11.6
Aroclor-1016-3	5.771	5.676	5.876	539.580	500.000	7.9
Aroclor-1016-4	5.868	5.774	5.974	562.000	500.000	12.4
Aroclor-1016-5	6.161	6.067	6.267	534.400	500.000	6.9
Aroclor-1260-1	7.281	7.187	7.387	538.070	500.000	7.6
Aroclor-1260-2	7.535	7.441	7.641	519.130	500.000	3.8
Aroclor-1260-3	7.894	7.800	8.000	526.080	500.000	5.2
Aroclor-1260-4	8.119	8.025	8.225	503.560	500.000	0.7
Aroclor-1260-5	8.439	8.347	8.547	508.820	500.000	1.8
Decachlorobiphenyl	10.269	10.179	10.379	53.670	50.000	7.3
Tetrachloro-m-xylene	4.534	4.438	4.638	57.480	50.000	15.0

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Contract: WEST04

Lab Code: CHEM **Case No.:** Q1352 **SAS No.:** Q1352 **SDG NO.:** Q1352

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL03 **Date Analyzed:** 02/13/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP069716.D **Time Analyzed:** 13:47

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.928	4.834	5.034	541.970	500.000	8.4
Aroclor-1016-2	4.947	4.853	5.053	549.830	500.000	10.0
Aroclor-1016-3	5.125	5.030	5.230	545.340	500.000	9.1
Aroclor-1016-4	5.166	5.072	5.272	526.800	500.000	5.4
Aroclor-1016-5	5.382	5.288	5.488	549.580	500.000	9.9
Aroclor-1260-1	6.421	6.326	6.526	569.870	500.000	14.0
Aroclor-1260-2	6.608	6.515	6.715	563.290	500.000	12.7
Aroclor-1260-3	6.762	6.670	6.870	496.210	500.000	-0.8
Aroclor-1260-4	7.235	7.142	7.342	553.350	500.000	10.7
Aroclor-1260-5	7.476	7.384	7.584	565.920	500.000	13.2
Decachlorobiphenyl	8.899	8.811	9.011	49.320	50.000	-1.4
Tetrachloro-m-xylene	3.837	3.740	3.940	56.590	50.000	13.2

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021325\
Data File : PP069716.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Feb 2025 13:47
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 13 13:57:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.534	3.837	82286464	50508205	57.483	56.589
2)	SA Decachlor...	10.269	8.899	58651357	55160807	53.666	49.317
	Target Compounds						
3)	L1 AR-1016-1	5.687	4.928	25593276	17676468	552.377	541.973
4)	L1 AR-1016-2	5.708	4.947	37872370	24719407	557.954	549.828
5)	L1 AR-1016-3	5.771	5.125	22984442	13570335	539.584	545.344
6)	L1 AR-1016-4	5.868	5.166	19670276	10639300	562.000	526.795
7)	L1 AR-1016-5	6.161	5.382	17666342	14741966	534.396	549.583
31)	L7 AR-1260-1	7.281	6.421	31442955	27484382	538.073	569.866
32)	L7 AR-1260-2	7.535	6.608	40395002	34531524	519.130	563.286
33)	L7 AR-1260-3	7.894	6.762	32889982	29850130	526.078	496.208
34)	L7 AR-1260-4	8.119	7.235	33223070	25712913	503.557	553.350
35)	L7 AR-1260-5	8.439	7.476	66617891	62898904	508.821	565.917

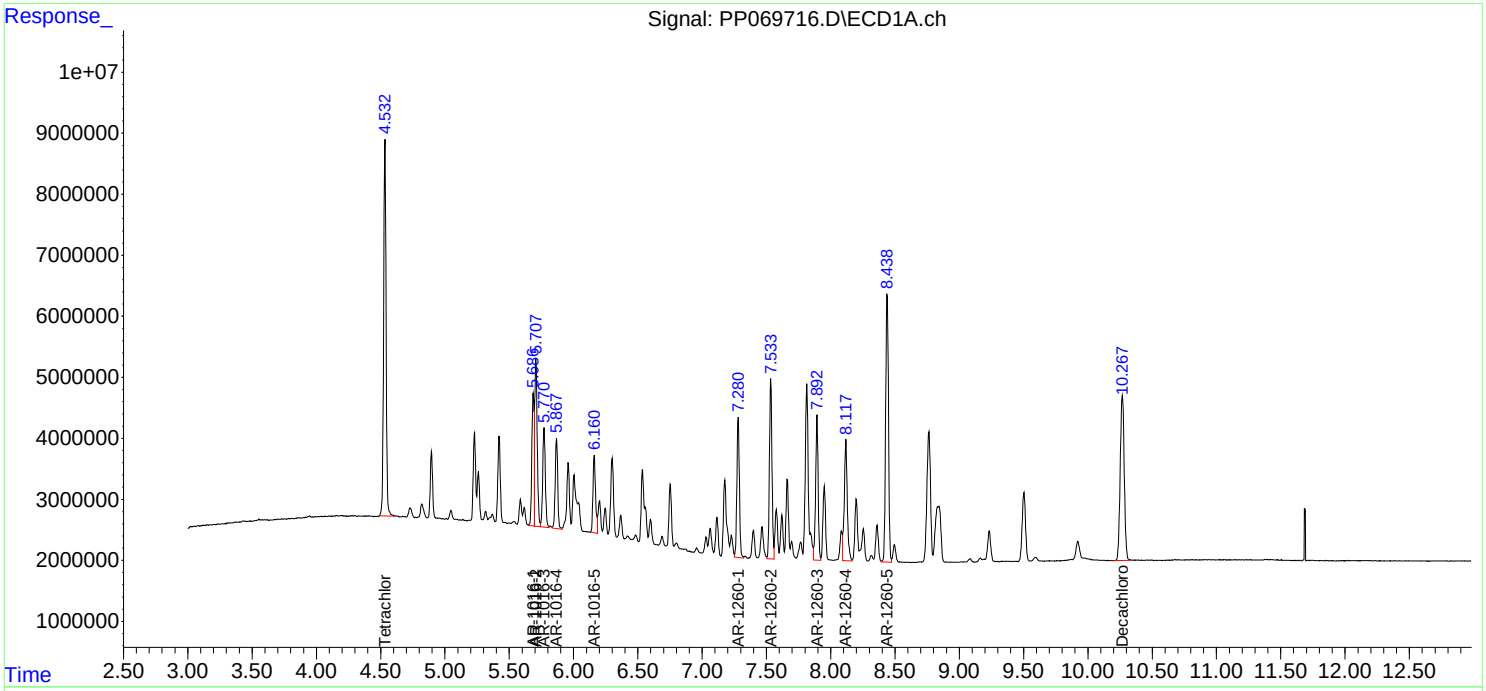
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

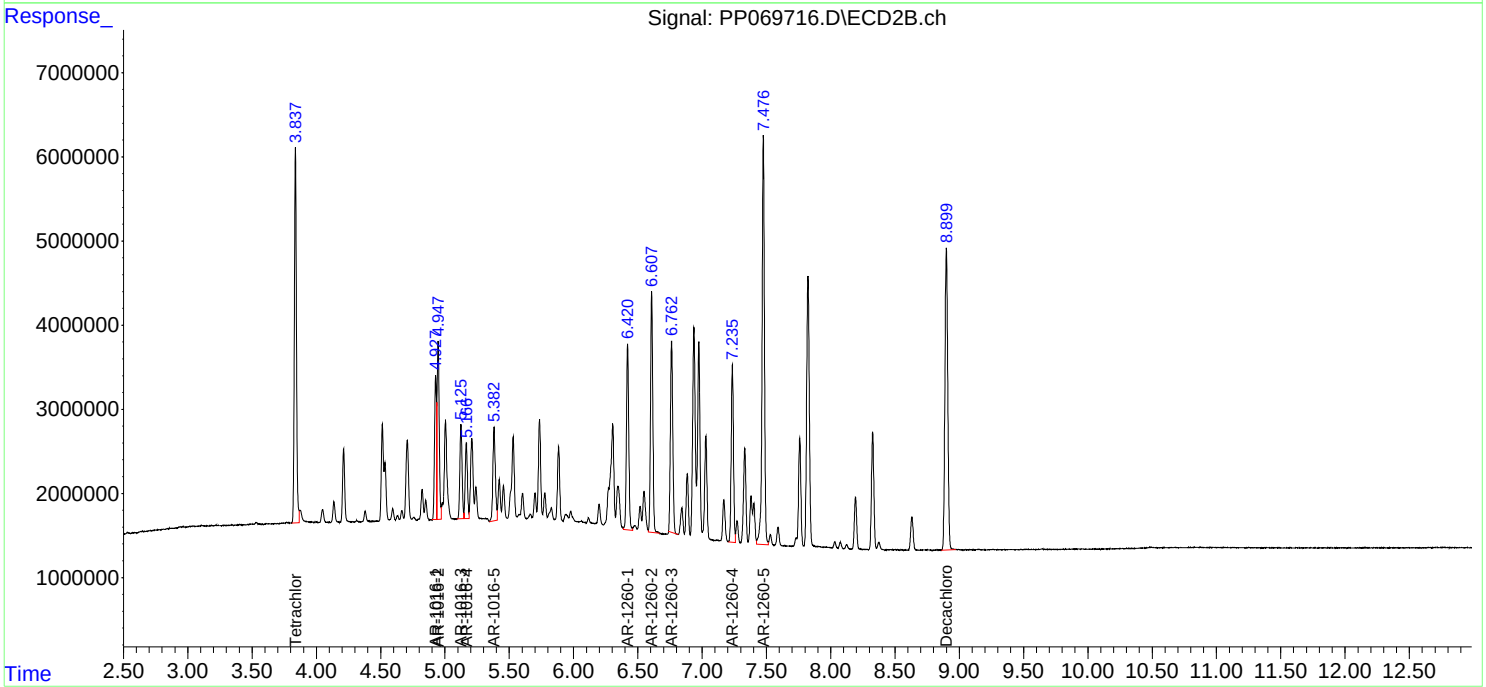
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021325\
Data File : PP069716.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Feb 2025 13:47
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

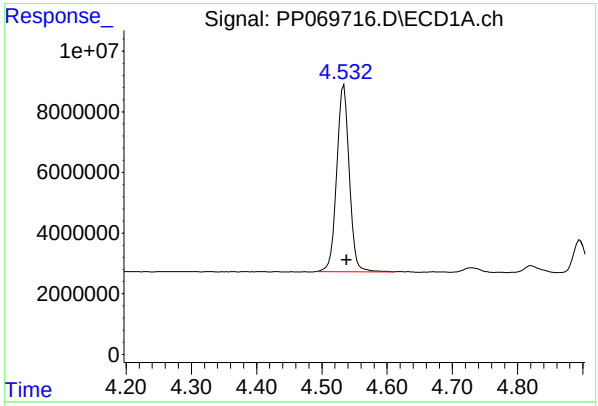
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 13 13:57:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



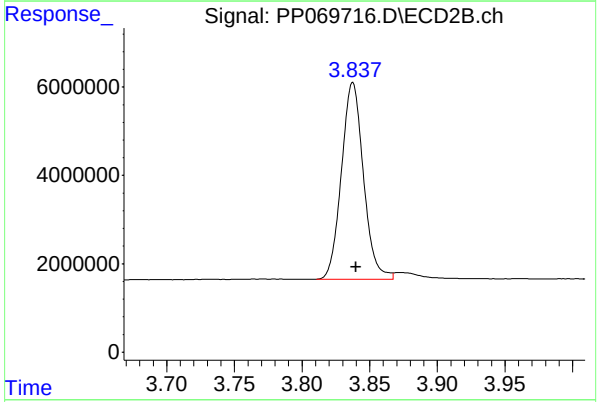




#1 Tetrachloro-m-xylene

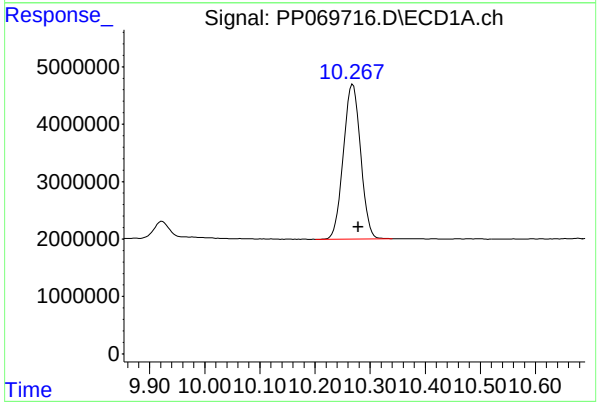
R.T.: 4.534 min
Delta R.T.: -0.004 min
Response: 82286464
Conc: 57.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



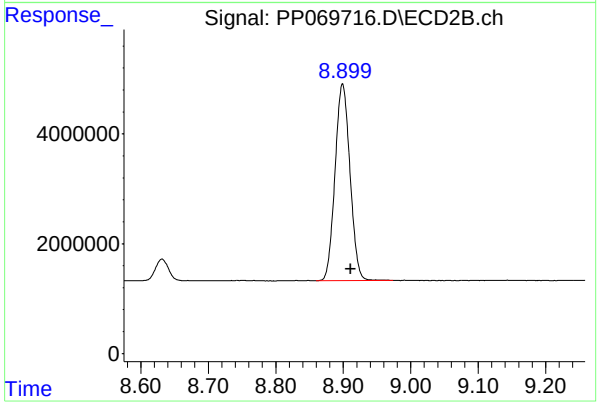
#1 Tetrachloro-m-xylene

R.T.: 3.837 min
Delta R.T.: -0.002 min
Response: 50508205
Conc: 56.59 ng/ml



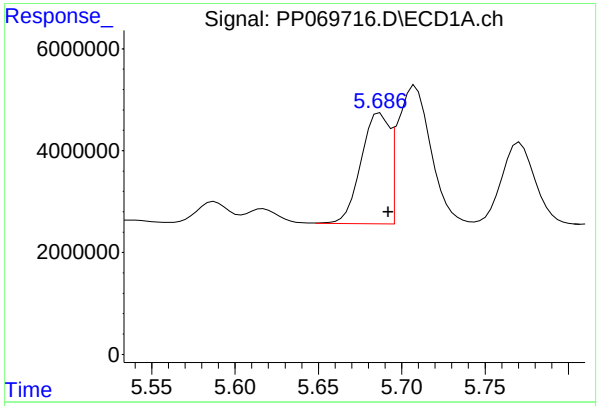
#2 Decachlorobiphenyl

R.T.: 10.269 min
Delta R.T.: -0.010 min
Response: 58651357
Conc: 53.67 ng/ml



#2 Decachlorobiphenyl

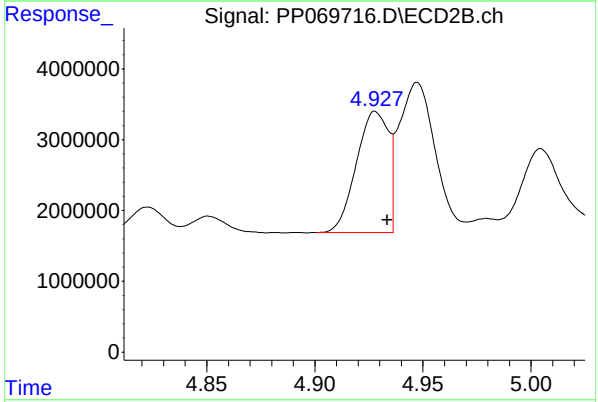
R.T.: 8.899 min
Delta R.T.: -0.012 min
Response: 55160807
Conc: 49.32 ng/ml



#3 AR-1016-1

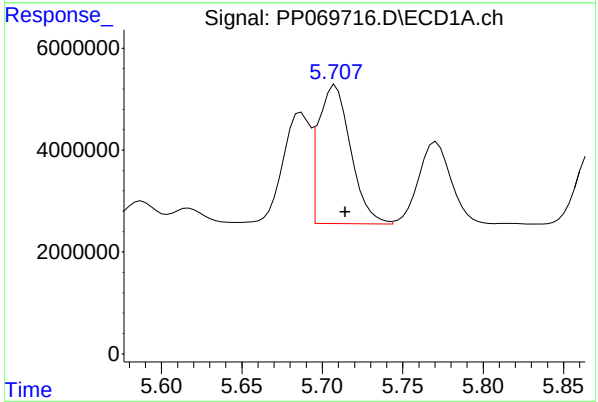
R.T.: 5.687 min
Delta R.T.: -0.005 min
Response: 25593276
Conc: 552.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



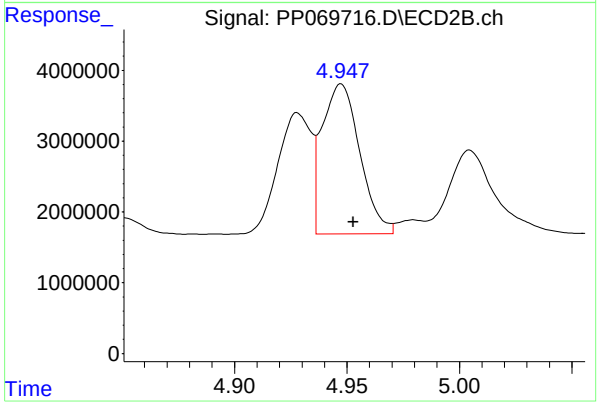
#3 AR-1016-1

R.T.: 4.928 min
Delta R.T.: -0.006 min
Response: 17676468
Conc: 541.97 ng/ml



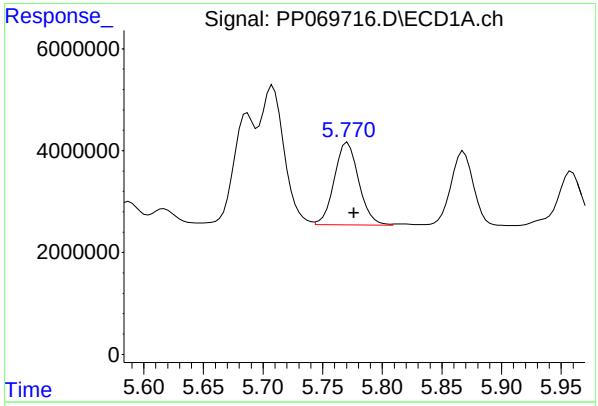
#4 AR-1016-2

R.T.: 5.708 min
Delta R.T.: -0.006 min
Response: 37872370
Conc: 557.95 ng/ml



#4 AR-1016-2

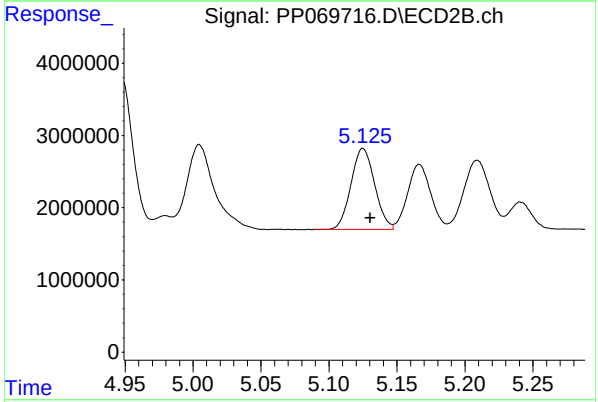
R.T.: 4.947 min
Delta R.T.: -0.005 min
Response: 24719407
Conc: 549.83 ng/ml



#5 AR-1016-3

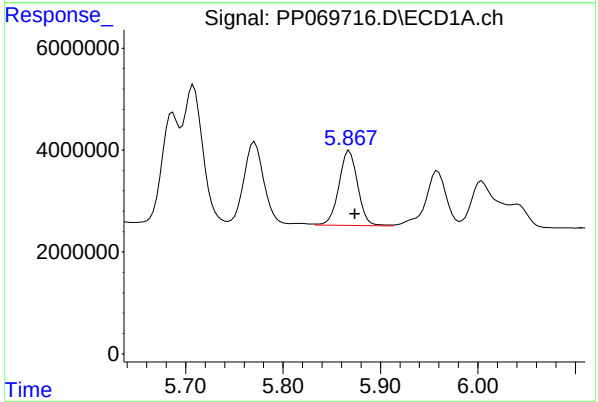
R.T.: 5.771 min
Delta R.T.: -0.005 min
Response: 22984442
Conc: 539.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



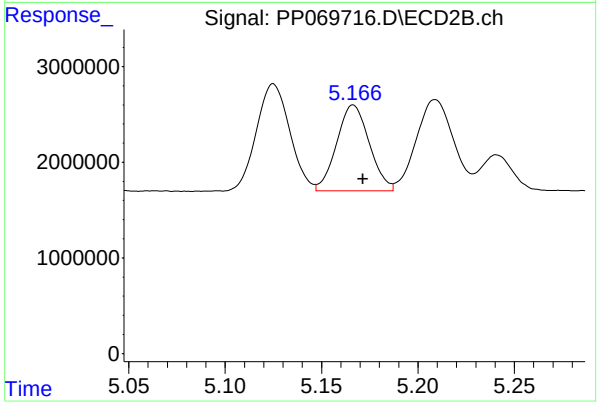
#5 AR-1016-3

R.T.: 5.125 min
Delta R.T.: -0.005 min
Response: 13570335
Conc: 545.34 ng/ml



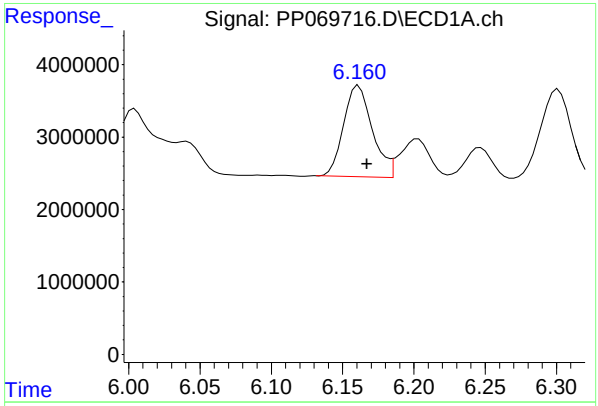
#6 AR-1016-4

R.T.: 5.868 min
Delta R.T.: -0.006 min
Response: 19670276
Conc: 562.00 ng/ml



#6 AR-1016-4

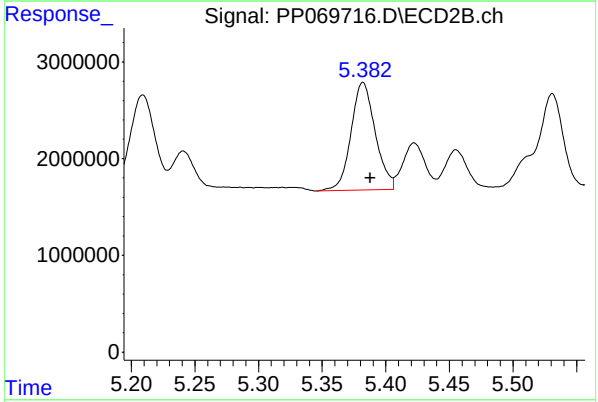
R.T.: 5.166 min
Delta R.T.: -0.005 min
Response: 10639300
Conc: 526.80 ng/ml



#7 AR-1016-5

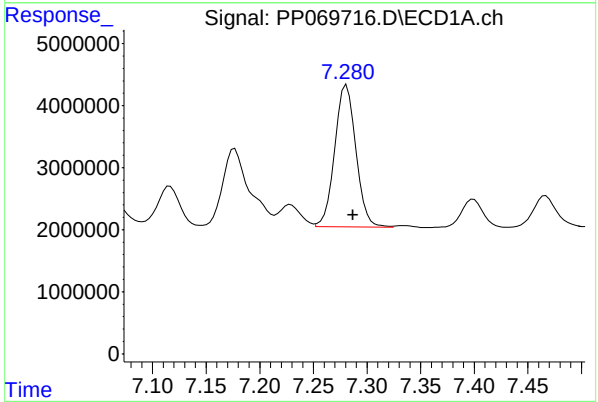
R.T.: 6.161 min
Delta R.T.: -0.006 min
Response: 17666342
Conc: 534.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



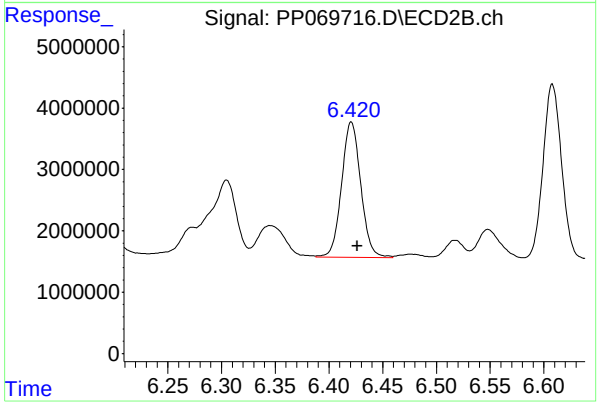
#7 AR-1016-5

R.T.: 5.382 min
Delta R.T.: -0.006 min
Response: 14741966
Conc: 549.58 ng/ml



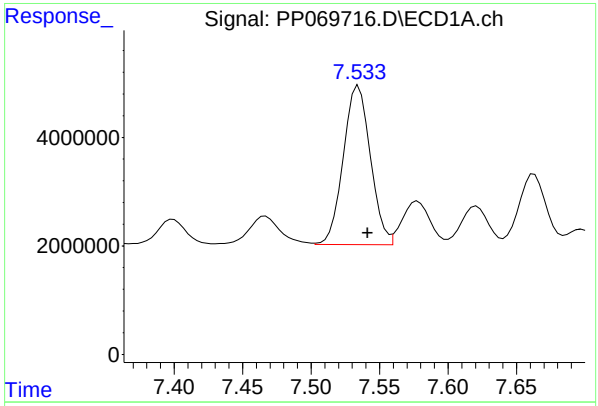
#31 AR-1260-1

R.T.: 7.281 min
Delta R.T.: -0.006 min
Response: 31442955
Conc: 538.07 ng/ml



#31 AR-1260-1

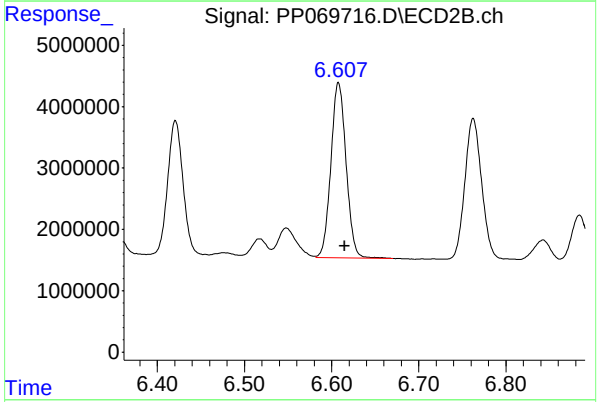
R.T.: 6.421 min
Delta R.T.: -0.006 min
Response: 27484382
Conc: 569.87 ng/ml



#32 AR-1260-2

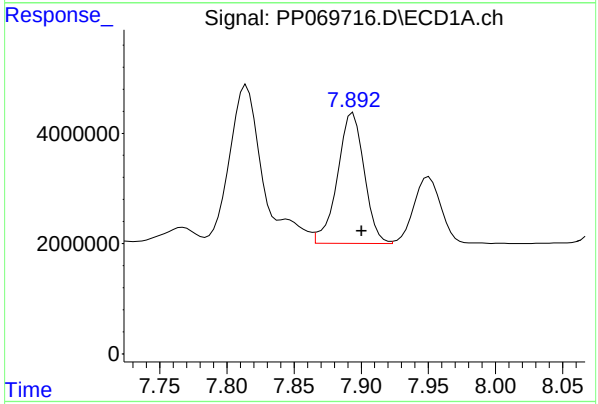
R.T.: 7.535 min
Delta R.T.: -0.007 min
Response: 40395002
Conc: 519.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



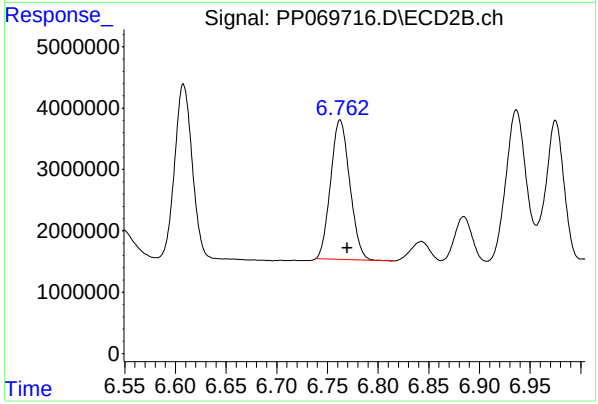
#32 AR-1260-2

R.T.: 6.608 min
Delta R.T.: -0.007 min
Response: 34531524
Conc: 563.29 ng/ml



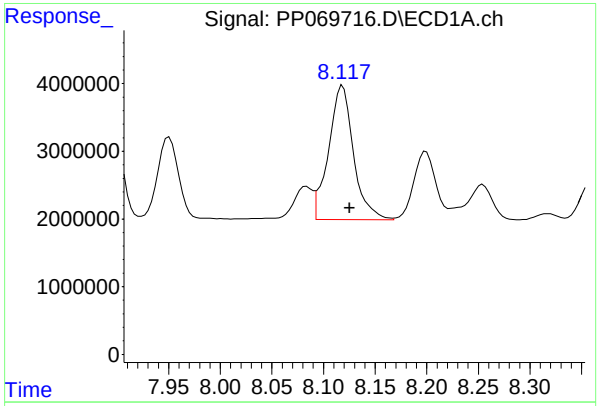
#33 AR-1260-3

R.T.: 7.894 min
Delta R.T.: -0.007 min
Response: 32889982
Conc: 526.08 ng/ml



#33 AR-1260-3

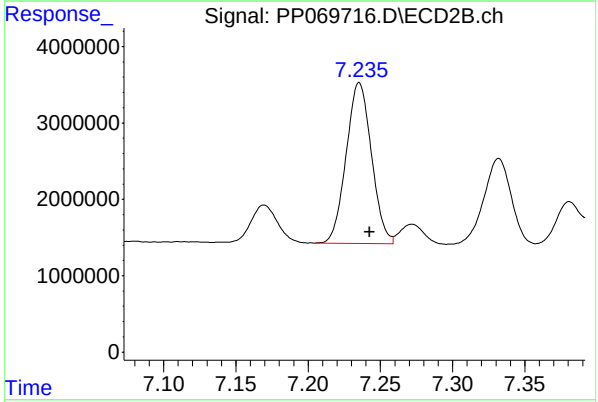
R.T.: 6.762 min
Delta R.T.: -0.007 min
Response: 29850130
Conc: 496.21 ng/ml



#34 AR-1260-4

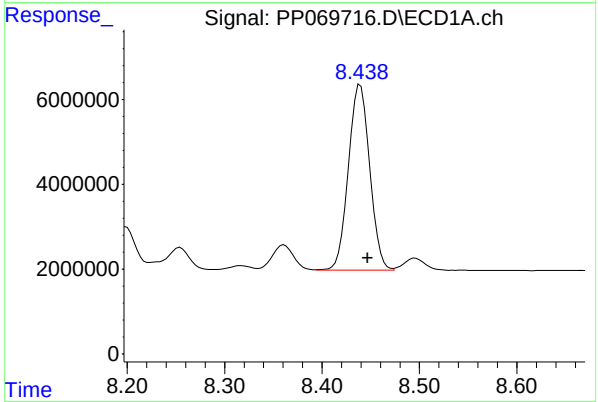
R.T.: 8.119 min
Delta R.T.: -0.007 min
Response: 33223070
Conc: 503.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



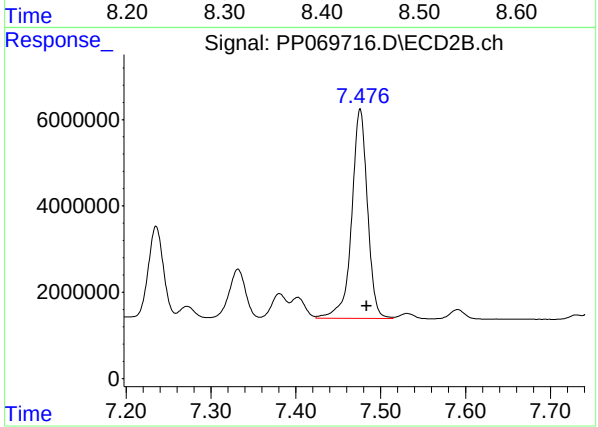
#34 AR-1260-4

R.T.: 7.235 min
Delta R.T.: -0.007 min
Response: 25712913
Conc: 553.35 ng/ml



#35 AR-1260-5

R.T.: 8.439 min
Delta R.T.: -0.007 min
Response: 66617891
Conc: 508.82 ng/ml



#35 AR-1260-5

R.T.: 7.476 min
Delta R.T.: -0.008 min
Response: 62898904
Conc: 565.92 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Contract: WEST04

Lab Code: CHEM **Case No.:** Q1352 **SAS No.:** Q1352 **SDG NO.:** Q1352

Continuing Calib Date: 02/13/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 17:13 **Initial Calibration Time(s):** 09:37 17:30

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.69	5.69	5.59	5.79	0.00
Aroclor-1016-2	(2)	5.71	5.71	5.61	5.81	0.00
Aroclor-1016-3	(3)	5.77	5.78	5.68	5.88	0.01
Aroclor-1016-4	(4)	5.87	5.87	5.77	5.97	0.00
Aroclor-1016-5	(5)	6.16	6.17	6.07	6.27	0.01
Aroclor-1260-1	(1)	7.28	7.29	7.19	7.39	0.01
Aroclor-1260-2	(2)	7.54	7.54	7.44	7.64	0.00
Aroclor-1260-3	(3)	7.90	7.90	7.80	8.00	0.01
Aroclor-1260-4	(4)	8.12	8.13	8.03	8.23	0.01
Aroclor-1260-5	(5)	8.44	8.45	8.35	8.55	0.01
Tetrachloro-m-xylene		4.54	4.54	4.44	4.64	0.00
Decachlorobiphenyl		10.27	10.28	10.18	10.38	0.01

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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: WEST04

Lab Code: CHEM **Case No.:** Q1352 **SAS No.:** Q1352 **SDG NO.:** Q1352

Continuing Calib Date: 02/13/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 17:13 **Initial Calibration Time(s):** 09:37 17:30

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)	4.93	4.93	4.83	5.03	0.00
Aroclor-1016-2	(2)	4.95	4.95	4.85	5.05	0.00
Aroclor-1016-3	(3)	5.13	5.13	5.03	5.23	0.00
Aroclor-1016-4	(4)	5.17	5.17	5.07	5.27	0.00
Aroclor-1016-5	(5)	5.38	5.39	5.29	5.49	0.01
Aroclor-1260-1	(1)	6.42	6.43	6.33	6.53	0.01
Aroclor-1260-2	(2)	6.61	6.62	6.52	6.72	0.01
Aroclor-1260-3	(3)	6.76	6.77	6.67	6.87	0.01
Aroclor-1260-4	(4)	7.24	7.24	7.14	7.34	0.00
Aroclor-1260-5	(5)	7.48	7.48	7.38	7.58	0.01
Tetrachloro-m-xylene		3.84	3.84	3.74	3.94	0.00
Decachlorobiphenyl		8.90	8.91	8.81	9.01	0.01

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

CALIBRATION VERIFICATION SUMMARY

Contract: WEST04

Lab Code: CHEM **Case No.:** Q1352 **SAS No.:** Q1352 **SDG NO.:** Q1352

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL04 **Date Analyzed:** 02/13/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP069728.D **Time Analyzed:** 17:13

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.689	5.592	5.792	551.770	500.000	10.4
Aroclor-1016-2	5.710	5.614	5.814	558.930	500.000	11.8
Aroclor-1016-3	5.773	5.676	5.876	545.320	500.000	9.1
Aroclor-1016-4	5.871	5.774	5.974	557.170	500.000	11.4
Aroclor-1016-5	6.164	6.067	6.267	551.370	500.000	10.3
Aroclor-1260-1	7.283	7.187	7.387	536.480	500.000	7.3
Aroclor-1260-2	7.536	7.441	7.641	522.170	500.000	4.4
Aroclor-1260-3	7.895	7.800	8.000	527.220	500.000	5.4
Aroclor-1260-4	8.120	8.025	8.225	501.210	500.000	0.2
Aroclor-1260-5	8.440	8.347	8.547	510.440	500.000	2.1
Decachlorobiphenyl	10.269	10.179	10.379	53.970	50.000	7.9
Tetrachloro-m-xylene	4.536	4.438	4.638	57.110	50.000	14.2

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Contract: WEST04

Lab Code: CHEM **Case No.:** Q1352 **SAS No.:** Q1352 **SDG NO.:** Q1352

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL04 **Date Analyzed:** 02/13/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP069728.D **Time Analyzed:** 17:13

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.928	4.834	5.034	535.460	500.000	7.1
Aroclor-1016-2	4.947	4.853	5.053	541.410	500.000	8.3
Aroclor-1016-3	5.125	5.030	5.230	538.950	500.000	7.8
Aroclor-1016-4	5.167	5.072	5.272	512.100	500.000	2.4
Aroclor-1016-5	5.382	5.288	5.488	555.040	500.000	11.0
Aroclor-1260-1	6.420	6.326	6.526	566.660	500.000	13.3
Aroclor-1260-2	6.608	6.515	6.715	562.260	500.000	12.5
Aroclor-1260-3	6.762	6.670	6.870	496.710	500.000	-0.7
Aroclor-1260-4	7.235	7.142	7.342	558.960	500.000	11.8
Aroclor-1260-5	7.475	7.384	7.584	562.320	500.000	12.5
Decachlorobiphenyl	8.899	8.811	9.011	50.990	50.000	2.0
Tetrachloro-m-xylene	3.838	3.740	3.940	55.440	50.000	10.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021325\
Data File : PP069728.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Feb 2025 17:13
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 13 18:03:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.536	3.838	81747891	49482394	57.107	55.440
2)	SA Decachlor...	10.269	8.899	58979804	57028902	53.966	50.988
	Target Compounds						
3)	L1 AR-1016-1	5.689	4.928	25565058	17464038	551.768	535.460
4)	L1 AR-1016-2	5.710	4.947	37938376	24341026	558.927	541.412
5)	L1 AR-1016-3	5.773	5.125	23228886	13411279	545.323	538.952
6)	L1 AR-1016-4	5.871	5.167	19501098	10342531	557.167	512.101
7)	L1 AR-1016-5	6.164	5.382	18227613	14888284	551.374	555.038
31)	L7 AR-1260-1	7.283	6.420	31350060	27329558	536.483	566.656
32)	L7 AR-1260-2	7.536	6.608	40631469	34468729	522.169	562.262
33)	L7 AR-1260-3	7.895	6.762	32961518	29880114	527.222	496.707
34)	L7 AR-1260-4	8.120	7.235	33067924	25973368	501.206	558.955
35)	L7 AR-1260-5	8.440	7.475	66830213	62499309	510.443	562.322

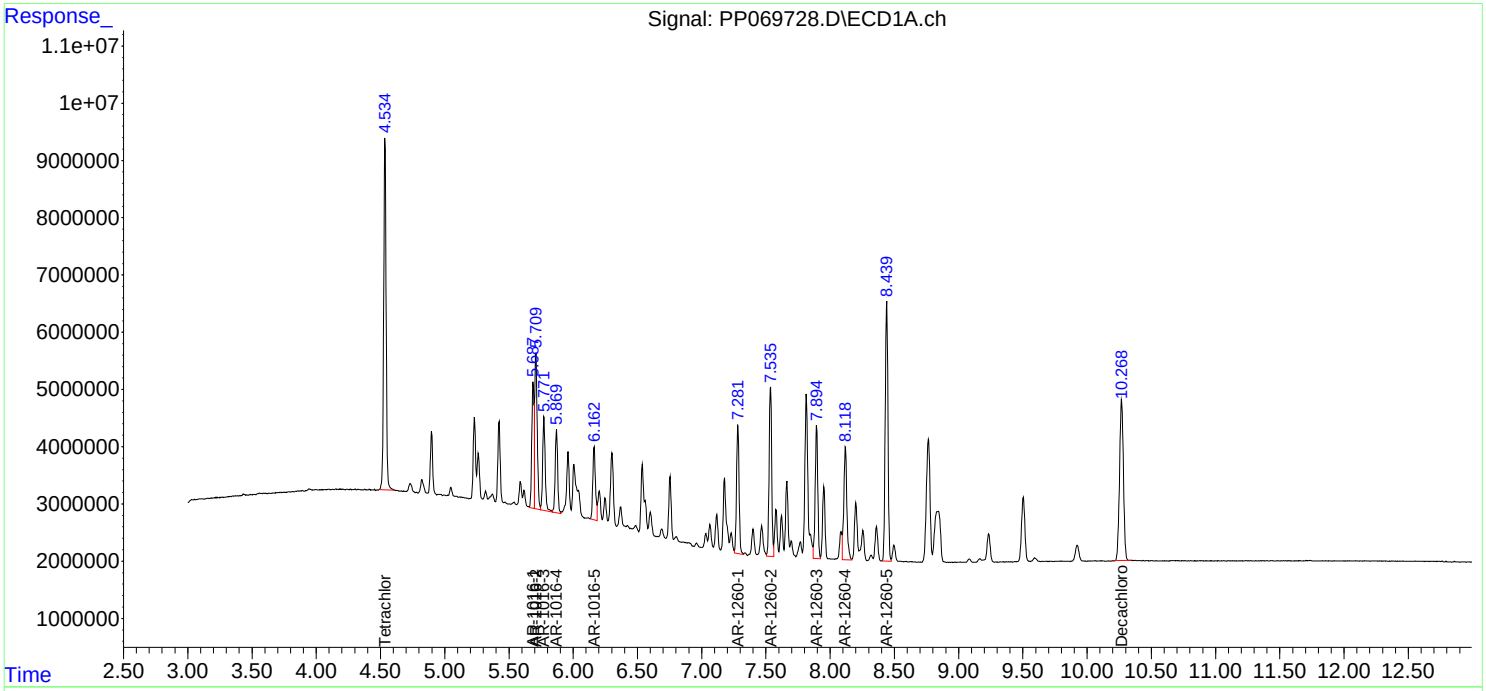
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

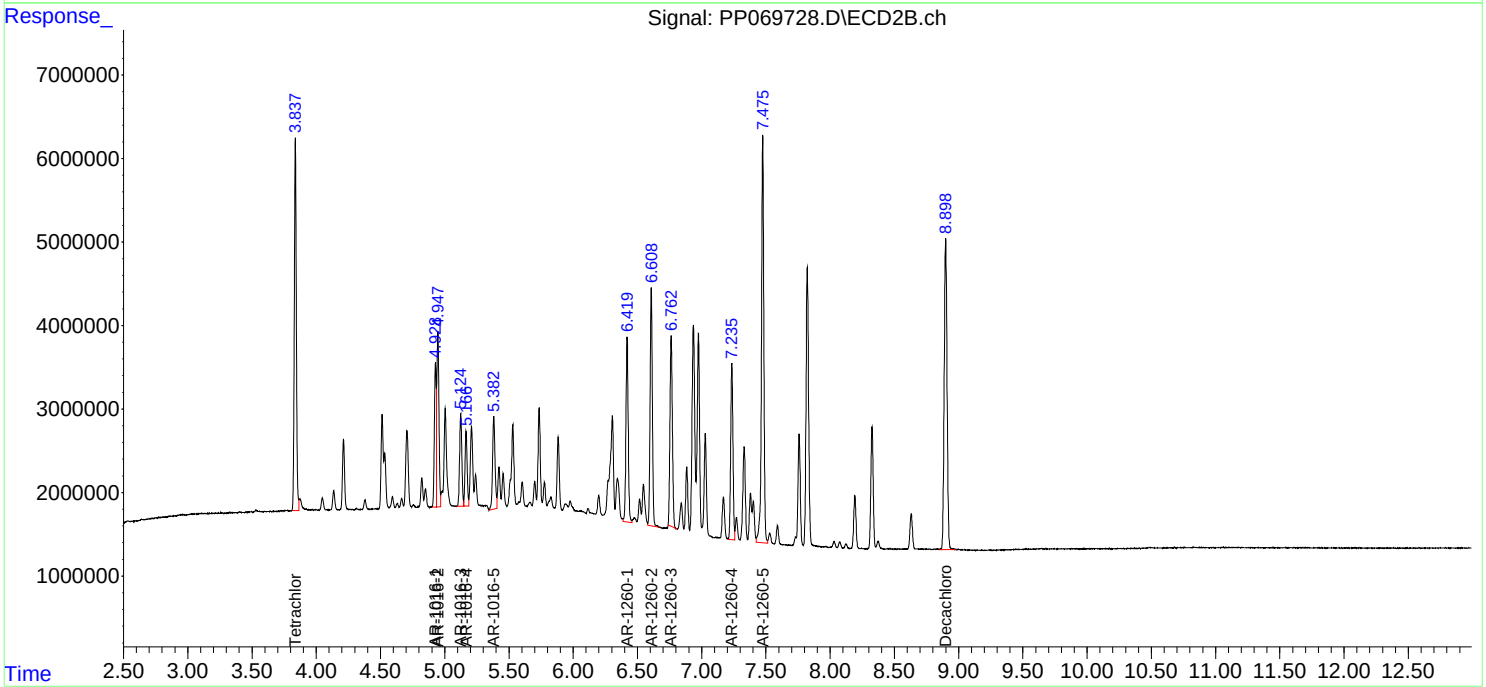
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021325\
Data File : PP069728.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Feb 2025 17:13
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

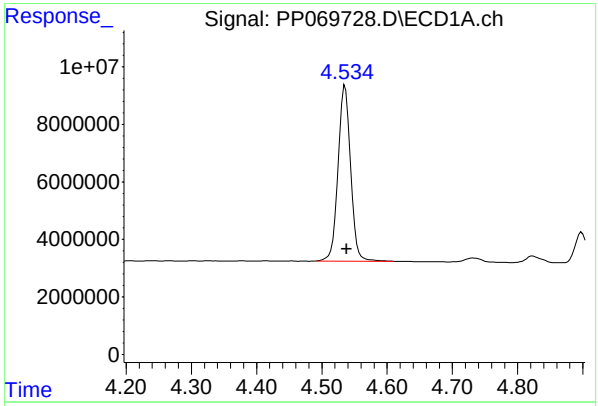
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 13 18:03:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



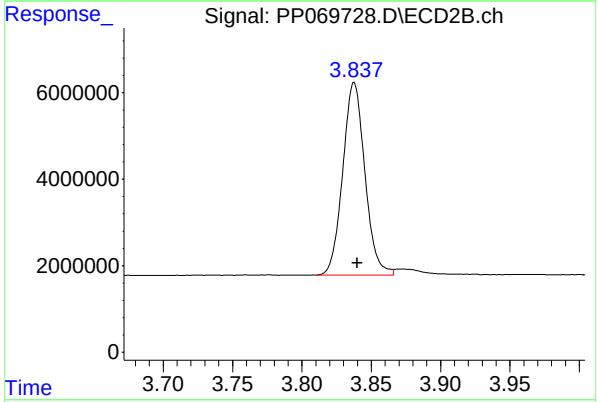




#1 Tetrachloro-m-xylene

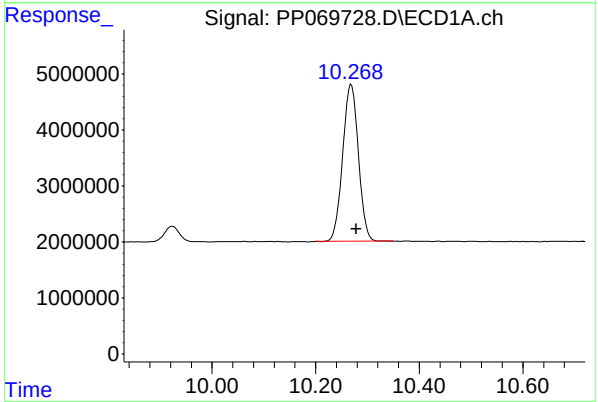
R.T.: 4.536 min
Delta R.T.: -0.002 min
Response: 81747891
Conc: 57.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



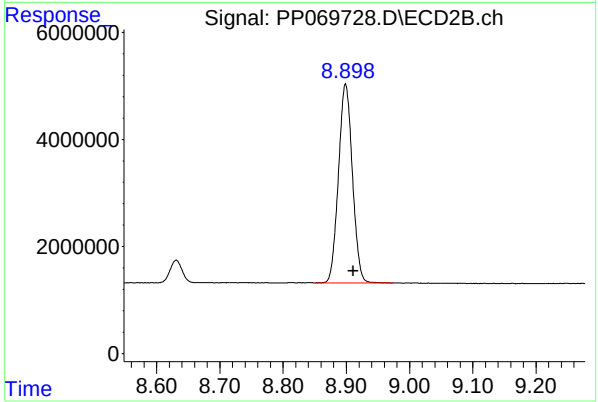
#1 Tetrachloro-m-xylene

R.T.: 3.838 min
Delta R.T.: -0.002 min
Response: 49482394
Conc: 55.44 ng/ml



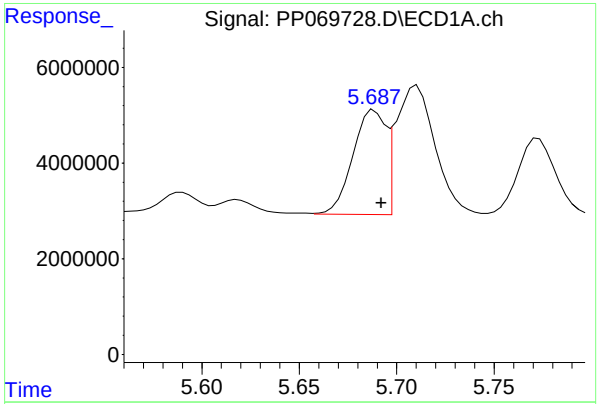
#2 Decachlorobiphenyl

R.T.: 10.269 min
Delta R.T.: -0.010 min
Response: 58979804
Conc: 53.97 ng/ml



#2 Decachlorobiphenyl

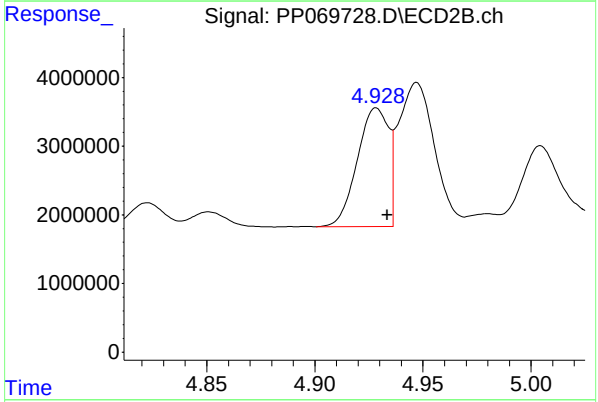
R.T.: 8.899 min
Delta R.T.: -0.012 min
Response: 57028902
Conc: 50.99 ng/ml



#3 AR-1016-1

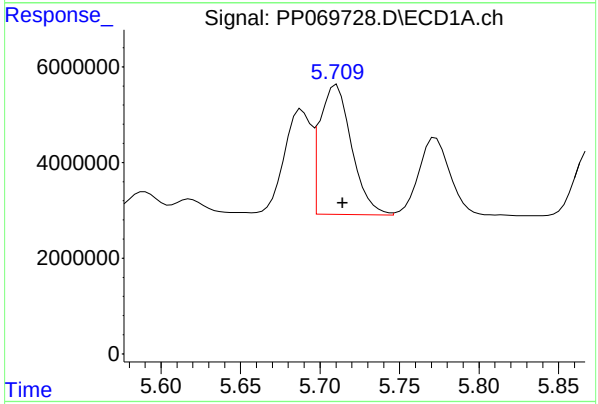
R.T.: 5.689 min
Delta R.T.: -0.003 min
Response: 25565058
Conc: 551.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



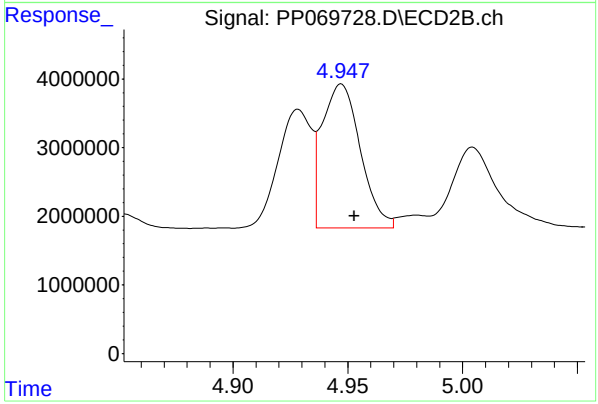
#3 AR-1016-1

R.T.: 4.928 min
Delta R.T.: -0.005 min
Response: 17464038
Conc: 535.46 ng/ml



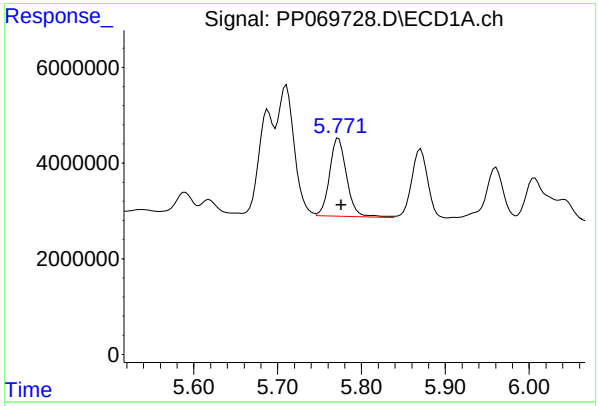
#4 AR-1016-2

R.T.: 5.710 min
Delta R.T.: -0.004 min
Response: 37938376
Conc: 558.93 ng/ml



#4 AR-1016-2

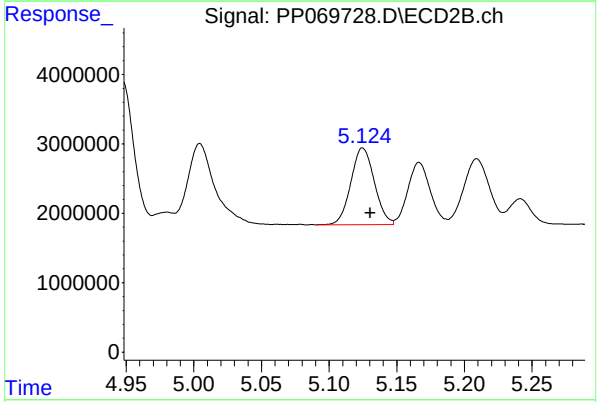
R.T.: 4.947 min
Delta R.T.: -0.006 min
Response: 24341026
Conc: 541.41 ng/ml



#5 AR-1016-3

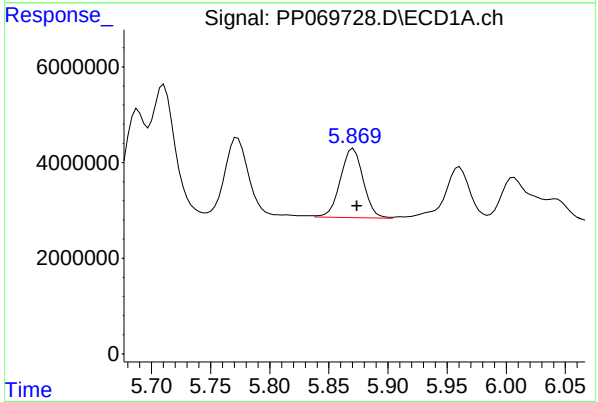
R.T.: 5.773 min
Delta R.T.: -0.003 min
Response: 23228886
Conc: 545.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



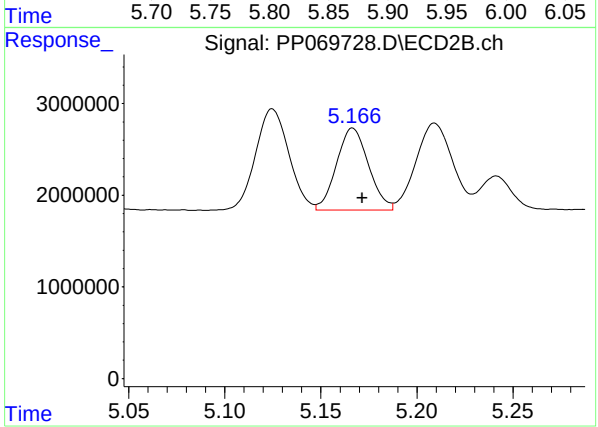
#5 AR-1016-3

R.T.: 5.125 min
Delta R.T.: -0.005 min
Response: 13411279
Conc: 538.95 ng/ml



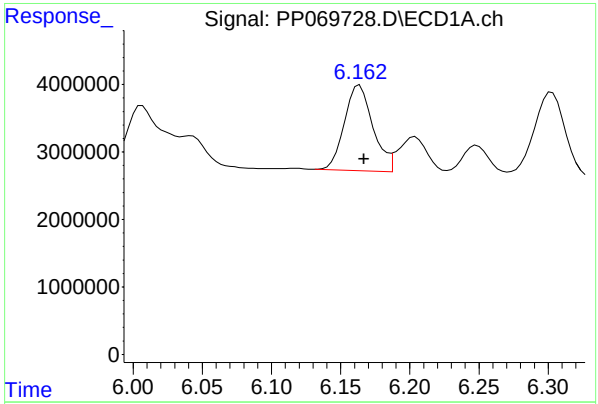
#6 AR-1016-4

R.T.: 5.871 min
Delta R.T.: -0.003 min
Response: 19501098
Conc: 557.17 ng/ml



#6 AR-1016-4

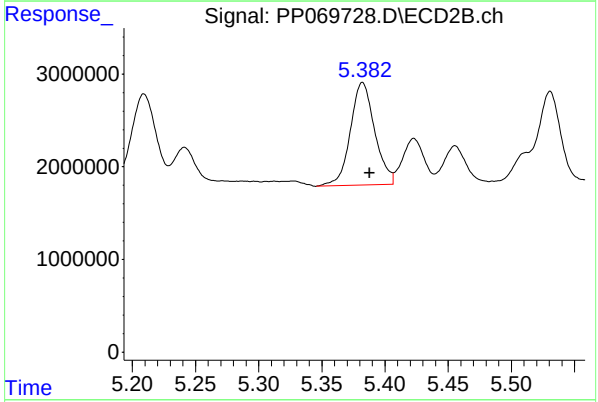
R.T.: 5.167 min
Delta R.T.: -0.005 min
Response: 10342531
Conc: 512.10 ng/ml



#7 AR-1016-5

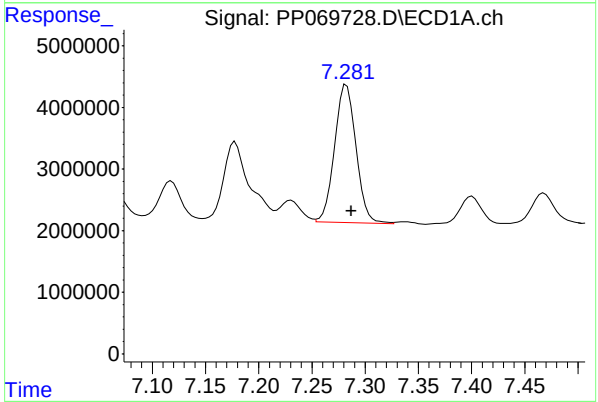
R.T.: 6.164 min
Delta R.T.: -0.003 min
Response: 18227613
Conc: 551.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



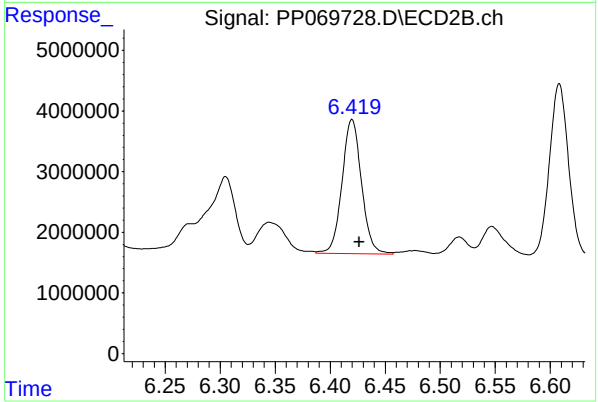
#7 AR-1016-5

R.T.: 5.382 min
Delta R.T.: -0.006 min
Response: 14888284
Conc: 555.04 ng/ml



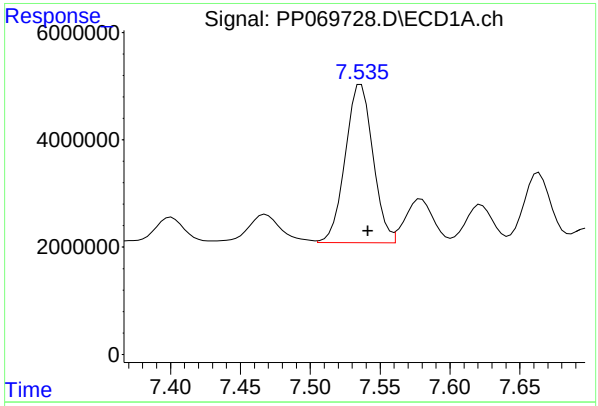
#31 AR-1260-1

R.T.: 7.283 min
Delta R.T.: -0.004 min
Response: 31350060
Conc: 536.48 ng/ml



#31 AR-1260-1

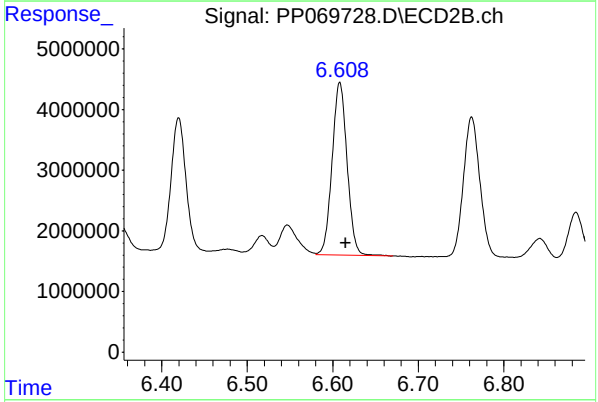
R.T.: 6.420 min
Delta R.T.: -0.007 min
Response: 27329558
Conc: 566.66 ng/ml



#32 AR-1260-2

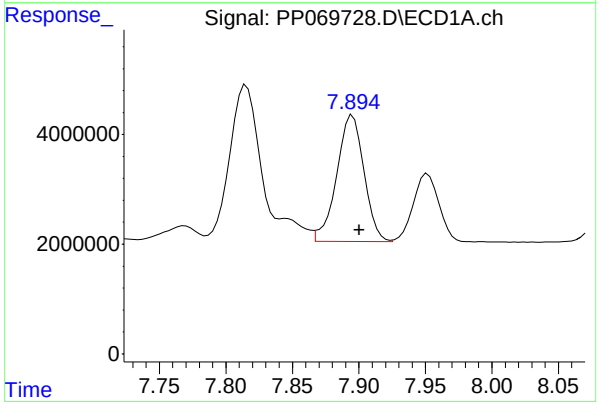
R.T.: 7.536 min
Delta R.T.: -0.005 min
Response: 40631469
Conc: 522.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



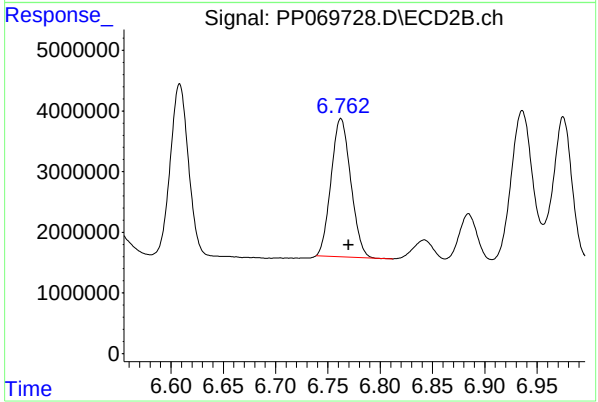
#32 AR-1260-2

R.T.: 6.608 min
Delta R.T.: -0.007 min
Response: 34468729
Conc: 562.26 ng/ml



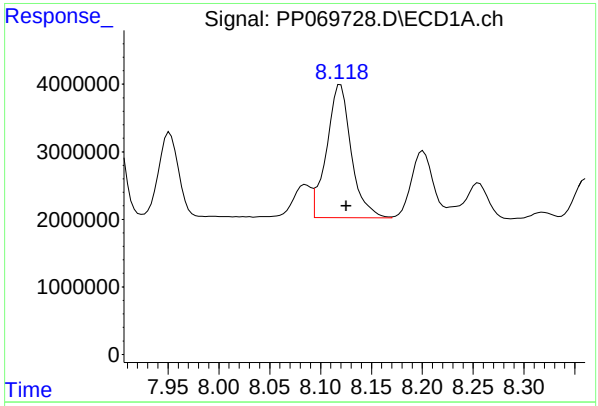
#33 AR-1260-3

R.T.: 7.895 min
Delta R.T.: -0.005 min
Response: 32961518
Conc: 527.22 ng/ml



#33 AR-1260-3

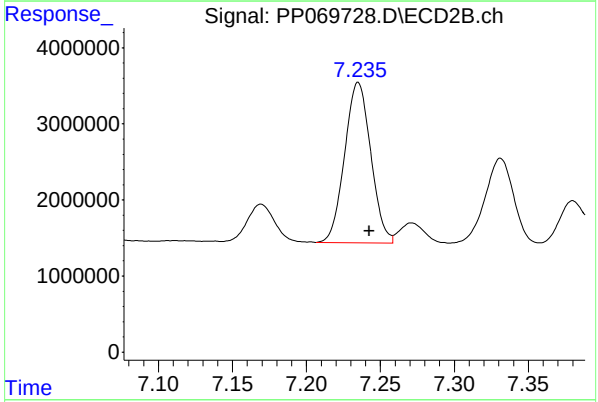
R.T.: 6.762 min
Delta R.T.: -0.007 min
Response: 29880114
Conc: 496.71 ng/ml



#34 AR-1260-4

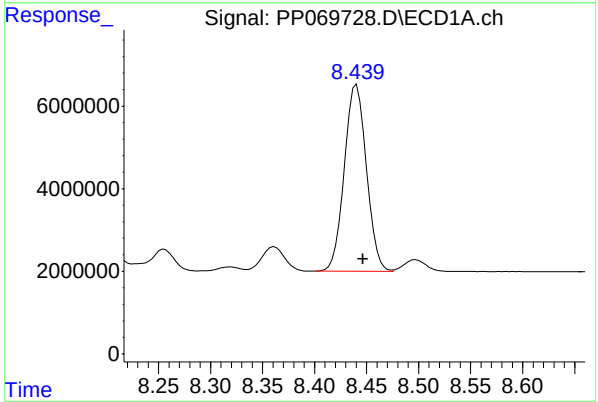
R.T.: 8.120 min
Delta R.T.: -0.006 min
Response: 33067924
Conc: 501.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



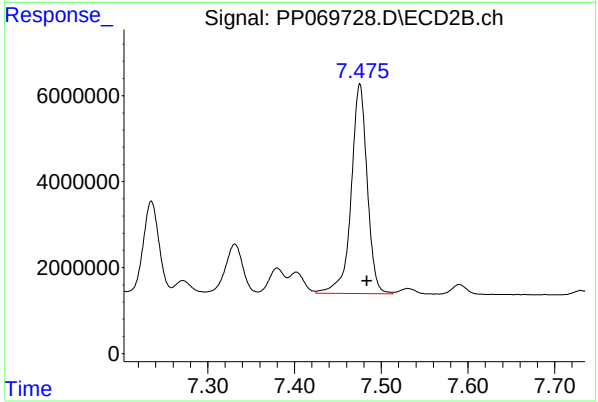
#34 AR-1260-4

R.T.: 7.235 min
Delta R.T.: -0.007 min
Response: 25973368
Conc: 558.96 ng/ml



#35 AR-1260-5

R.T.: 8.440 min
Delta R.T.: -0.006 min
Response: 66830213
Conc: 510.44 ng/ml



#35 AR-1260-5

R.T.: 7.475 min
Delta R.T.: -0.008 min
Response: 62499309
Conc: 562.32 ng/ml

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

Analytical Sequence

Client: Weston Solutions **SDG No.:** Q1352

Project: Ft Meade Tipton Airfield Parcel RI - PO 011 **Instrument ID:** ECD_P

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 01/28/2025 01/28/2025

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	01/28/2025	09:21	PP069264.D	10.28	4.54
AR1660ICC1000	AR1660ICC1000	01/28/2025	09:37	PP069265.D	10.28	4.54
AR1660ICC750	AR1660ICC750	01/28/2025	09:54	PP069266.D	10.28	4.54
AR1660ICC500	AR1660ICC500	01/28/2025	10:10	PP069267.D	10.28	4.54
AR1660ICC250	AR1660ICC250	01/28/2025	10:26	PP069268.D	10.28	4.53
AR1660ICC050	AR1660ICC050	01/28/2025	11:15	PP069269.D	10.28	4.54
AR1221ICC500	AR1221ICC500	01/28/2025	11:32	PP069270.D	10.28	4.54
AR1232ICC500	AR1232ICC500	01/28/2025	11:48	PP069271.D	10.28	4.53
AR1242ICC1000	AR1242ICC1000	01/28/2025	12:04	PP069272.D	10.28	4.54
AR1242ICC750	AR1242ICC750	01/28/2025	12:21	PP069273.D	10.28	4.54
AR1242ICC500	AR1242ICC500	01/28/2025	12:37	PP069274.D	10.28	4.54
AR1242ICC250	AR1242ICC250	01/28/2025	12:53	PP069275.D	10.28	4.54
AR1242ICC050	AR1242ICC050	01/28/2025	13:09	PP069276.D	10.28	4.54
AR1248ICC1000	AR1248ICC1000	01/28/2025	13:26	PP069277.D	10.28	4.54
AR1248ICC750	AR1248ICC750	01/28/2025	13:42	PP069278.D	10.28	4.54
AR1248ICC500	AR1248ICC500	01/28/2025	13:58	PP069279.D	10.28	4.54
AR1248ICC250	AR1248ICC250	01/28/2025	14:15	PP069280.D	10.28	4.54
AR1248ICC050	AR1248ICC050	01/28/2025	14:31	PP069281.D	10.28	4.54
AR1254ICC1000	AR1254ICC1000	01/28/2025	14:47	PP069282.D	10.28	4.54
AR1254ICC750	AR1254ICC750	01/28/2025	15:04	PP069283.D	10.28	4.54
AR1254ICC500	AR1254ICC500	01/28/2025	15:20	PP069284.D	10.28	4.53
AR1254ICC250	AR1254ICC250	01/28/2025	15:36	PP069285.D	10.28	4.54
AR1254ICC050	AR1254ICC050	01/28/2025	15:53	PP069286.D	10.28	4.54
AR1262ICC500	AR1262ICC500	01/28/2025	16:09	PP069287.D	10.28	4.54
AR1268ICC1000	AR1268ICC1000	01/28/2025	16:25	PP069288.D	10.28	4.54
AR1268ICC750	AR1268ICC750	01/28/2025	16:42	PP069289.D	10.28	4.54
AR1268ICC500	AR1268ICC500	01/28/2025	16:58	PP069290.D	10.28	4.54
AR1268ICC250	AR1268ICC250	01/28/2025	17:14	PP069291.D	10.29	4.55
AR1268ICC050	AR1268ICC050	01/28/2025	17:30	PP069292.D	10.28	4.54
AR1660CCC500	AR1660CCC500	02/12/2025	09:38	PP069670.D	10.27	4.54
I.BLK	I.BLK	02/12/2025	10:43	PP069674.D	10.26	4.53
TAP-IDW-SOIL-021025	Q1352-01	02/12/2025	13:45	PP069677.D	10.26	4.53
SOIL-PILEMS	Q1356-03MS	02/12/2025	15:06	PP069682.D	10.27	4.54
SOIL-PILEMSD	Q1356-03MSD	02/12/2025	15:22	PP069683.D	10.26	4.53
AR1660CCC500	AR1660CCC500	02/12/2025	15:59	PP069684.D	10.26	4.53
I.BLK	I.BLK	02/12/2025	17:05	PP069688.D	10.26	4.53
AR1660CCC500	AR1660CCC500	02/13/2025	13:47	PP069716.D	10.27	4.53
I.BLK	I.BLK	02/13/2025	14:53	PP069720.D	10.27	4.53
PB166696BL	PB166696BL	02/13/2025	16:30	PP069726.D	10.27	4.53
PB166696BS	PB166696BS	02/13/2025	16:47	PP069727.D	10.27	4.53
AR1660CCC500	AR1660CCC500	02/13/2025	17:13	PP069728.D	10.27	4.54
I.BLK	I.BLK	02/13/2025	18:19	PP069732.D	10.27	4.53

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

Analytical Sequence

Client: Weston Solutions **SDG No.:** Q1352

Project: Ft Meade Tipton Airfield Parcel RI - PO 011 **Instrument ID:** ECD_P

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 01/28/2025 01/28/2025

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	01/28/2025	09:21	PP069264.D	8.91	3.84
AR1660ICC1000	AR1660ICC1000	01/28/2025	09:37	PP069265.D	8.91	3.84
AR1660ICC750	AR1660ICC750	01/28/2025	09:54	PP069266.D	8.91	3.84
AR1660ICC500	AR1660ICC500	01/28/2025	10:10	PP069267.D	8.91	3.84
AR1660ICC250	AR1660ICC250	01/28/2025	10:26	PP069268.D	8.91	3.84
AR1660ICC050	AR1660ICC050	01/28/2025	11:15	PP069269.D	8.91	3.84
AR1221ICC500	AR1221ICC500	01/28/2025	11:32	PP069270.D	8.91	3.84
AR1232ICC500	AR1232ICC500	01/28/2025	11:48	PP069271.D	8.91	3.84
AR1242ICC1000	AR1242ICC1000	01/28/2025	12:04	PP069272.D	8.91	3.84
AR1242ICC750	AR1242ICC750	01/28/2025	12:21	PP069273.D	8.91	3.84
AR1242ICC500	AR1242ICC500	01/28/2025	12:37	PP069274.D	8.91	3.84
AR1242ICC250	AR1242ICC250	01/28/2025	12:53	PP069275.D	8.91	3.84
AR1242ICC050	AR1242ICC050	01/28/2025	13:09	PP069276.D	8.91	3.84
AR1248ICC1000	AR1248ICC1000	01/28/2025	13:26	PP069277.D	8.91	3.84
AR1248ICC750	AR1248ICC750	01/28/2025	13:42	PP069278.D	8.91	3.84
AR1248ICC500	AR1248ICC500	01/28/2025	13:58	PP069279.D	8.91	3.84
AR1248ICC250	AR1248ICC250	01/28/2025	14:15	PP069280.D	8.91	3.84
AR1248ICC050	AR1248ICC050	01/28/2025	14:31	PP069281.D	8.91	3.84
AR1254ICC1000	AR1254ICC1000	01/28/2025	14:47	PP069282.D	8.91	3.84
AR1254ICC750	AR1254ICC750	01/28/2025	15:04	PP069283.D	8.91	3.84
AR1254ICC500	AR1254ICC500	01/28/2025	15:20	PP069284.D	8.91	3.84
AR1254ICC250	AR1254ICC250	01/28/2025	15:36	PP069285.D	8.91	3.84
AR1254ICC050	AR1254ICC050	01/28/2025	15:53	PP069286.D	8.91	3.84
AR1262ICC500	AR1262ICC500	01/28/2025	16:09	PP069287.D	8.91	3.84
AR1268ICC1000	AR1268ICC1000	01/28/2025	16:25	PP069288.D	8.91	3.84
AR1268ICC750	AR1268ICC750	01/28/2025	16:42	PP069289.D	8.91	3.84
AR1268ICC500	AR1268ICC500	01/28/2025	16:58	PP069290.D	8.91	3.84
AR1268ICC250	AR1268ICC250	01/28/2025	17:14	PP069291.D	8.91	3.84
AR1268ICC050	AR1268ICC050	01/28/2025	17:30	PP069292.D	8.91	3.84
AR1660CCC500	AR1660CCC500	02/12/2025	09:38	PP069670.D	8.90	3.84
I.BLK	I.BLK	02/12/2025	10:43	PP069674.D	8.90	3.84
TAP-IDW-SOIL-021025	Q1352-01	02/12/2025	13:45	PP069677.D	8.90	3.84
SOIL-PILEMS	Q1356-03MS	02/12/2025	15:06	PP069682.D	8.90	3.84
SOIL-PILEMSD	Q1356-03MSD	02/12/2025	15:22	PP069683.D	8.90	3.84
AR1660CCC500	AR1660CCC500	02/12/2025	15:59	PP069684.D	8.90	3.84
I.BLK	I.BLK	02/12/2025	17:05	PP069688.D	8.90	3.84
AR1660CCC500	AR1660CCC500	02/13/2025	13:47	PP069716.D	8.90	3.84
I.BLK	I.BLK	02/13/2025	14:53	PP069720.D	8.90	3.84
PB166696BL	PB166696BL	02/13/2025	16:30	PP069726.D	8.90	3.84
PB166696BS	PB166696BS	02/13/2025	16:47	PP069727.D	8.90	3.84
AR1660CCC500	AR1660CCC500	02/13/2025	17:13	PP069728.D	8.90	3.84
I.BLK	I.BLK	02/13/2025	18:19	PP069732.D	8.90	3.84

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
SOIL-PILEMS

Contract: WEST04

Lab Code: CHEM Case No.: Q1352 SAS No.: Q1352 SDG NO.: Q1352

Lab Sample ID: Q1356-03MS Date(s) Analyzed: 02/12/2025 02/12/2025

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 PP069682.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.688	5.638	5.738	221		
	2	5.709	5.659	5.759	256		
	3	5.772	5.722	5.822	206		
COLUMN 1	4	5.868	5.818	5.918	289		
	5	6.162	6.112	6.212	349	264	
	1	4.927	4.877	4.977	210		
	2	4.946	4.896	4.996	248		
	3	5.123	5.073	5.173	250		
	4	5.164	5.114	5.214	427		
COLUMN 2	5	5.38	5.33	5.43	357	298	12.1
Aroclor-1248	1	5.688	5.638	5.738	315		
	2	5.959	5.909	6.009	287		
	3	6.162	6.112	6.212	245		
COLUMN 1	4	6.558	6.508	6.608	116		
	5	6.6	6.55	6.65	237	240	
	1	4.927	4.877	4.977	311		
	2	5.164	5.114	5.214	287		
	3	5.207	5.157	5.257	247		
	4	5.38	5.33	5.43	259		
COLUMN 2	5	5.775	5.725	5.825	208	262	8.76

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	7.279	7.229	7.329	241		
	2	7.52	7.47	7.57	1230		
	3	7.893	7.843	7.943	177		
COLUMN 1	4	8.116	8.066	8.166	234		
	5	8.438	8.388	8.488	182	413	
	1	6.418	6.368	6.468	299		
	2	6.606	6.556	6.656	275		
	3	6.759	6.709	6.809	260		
	4	7.233	7.183	7.283	188		
COLUMN 2	5	7.473	7.423	7.523	202	245	51.06

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
SOIL-PILEMSD

Contract: WEST04
Lab Code: CHEM Case No.: Q1352 SAS No.: Q1352 SDG NO.: Q1352
Lab Sample ID: Q1356-03MSD Date(s) Analyzed: 02/12/2025 02/12/2025
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 PP069683.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.683	5.633	5.733	219		
	2	5.704	5.654	5.754	257		
	3	5.767	5.717	5.817	209		
COLUMN 1	4	5.864	5.814	5.914	293		
	5	6.157	6.107	6.207	346	265	
	1	4.927	4.877	4.977	207		
	2	4.946	4.896	4.996	250		
	3	5.124	5.074	5.174	250		
	4	5.165	5.115	5.215	424		
COLUMN 2	5	5.38	5.33	5.43	354	297	11.39
Aroclor-1248	1	5.683	5.633	5.733	313		
	2	5.954	5.904	6.004	285		
	3	6.157	6.107	6.207	243		
COLUMN 1	4	6.553	6.503	6.603	113		
	5	6.596	6.546	6.646	235	238	
	1	4.927	4.877	4.977	307		
	2	5.165	5.115	5.215	285		
	3	5.207	5.157	5.257	246		
	4	5.38	5.33	5.43	257		
COLUMN 2	5	5.775	5.725	5.825	206	260	8.84

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	7.276	7.226	7.326	285		
	2	7.515	7.465	7.565	1200		
	3	7.887	7.837	7.937	176		
COLUMN 1	4	8.112	8.062	8.162	232		
	5	8.434	8.384	8.484	182	414	
	1	6.418	6.368	6.468	293		
	2	6.606	6.556	6.656	287		
	3	6.759	6.709	6.809	276		
	4	7.233	7.183	7.283	190		
COLUMN 2	5	7.473	7.423	7.523	206	250	49.4

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB166696BS

Contract: WEST04

Lab Code: CHEM Case No.: Q1352 SAS No.: Q1352 SDG NO.: Q1352

Lab Sample ID: PB166696BS Date(s) Analyzed: 02/13/2025 02/13/2025

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 PP069727.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.688	5.638	5.738	138		
	2	5.709	5.659	5.759	135		
	3	5.772	5.722	5.822	133		
COLUMN 1	4	5.869	5.819	5.919	134		
	5	6.162	6.112	6.212	128	134	
	1	4.929	4.879	4.979	133		
	2	4.948	4.898	4.998	133		
	3	5.125	5.075	5.175	134		
	4	5.167	5.117	5.217	130		
COLUMN 2	5	5.383	5.333	5.433	128	131	2.26
Aroclor-1260	1	7.281	7.231	7.331	133		
	2	7.535	7.485	7.585	128		
	3	7.894	7.844	7.944	111		
COLUMN 1	4	8.119	8.069	8.169	113		
	5	8.44	8.39	8.49	111	119	
	1	6.421	6.371	6.471	142		
	2	6.609	6.559	6.659	141		
	3	6.763	6.713	6.813	128		
	4	7.235	7.185	7.285	122		
COLUMN 2	5	7.476	7.426	7.526	122	131	9.6

QC SAMPLE DATA

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

Report of Analysis

Client:	Weston Solutions	Date Collected:	
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	
Client Sample ID:	PB166696BL	SDG No.:	Q1352
Lab Sample ID:	PB166696BL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069726.D	1	02/12/25 08:30	02/13/25 16:30	PB166696

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.30	U	3.40	8.30	17.0	ug/kg
11104-28-2	Aroclor-1221	13.0	U	6.40	13.0	17.0	ug/kg
11141-16-5	Aroclor-1232	13.0	U	3.40	13.0	17.0	ug/kg
53469-21-9	Aroclor-1242	8.30	U	3.40	8.30	17.0	ug/kg
12672-29-6	Aroclor-1248	13.0	U	7.90	13.0	17.0	ug/kg
11097-69-1	Aroclor-1254	13.0	U	2.70	13.0	17.0	ug/kg
37324-23-5	Aroclor-1262	8.30	U	4.60	8.30	17.0	ug/kg
11100-14-4	Aroclor-1268	13.0	U	3.40	13.0	17.0	ug/kg
11096-82-5	Aroclor-1260	8.30	U	2.90	8.30	17.0	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	21.8		44 - 130		109%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.1		60 - 125		101%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021325\
Data File : PP069726.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Feb 2025 16:30
Operator : YP\AJ
Sample : PB166696BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB166696BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 13 18:02:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.534	3.837	30326898	19437598	21.186	21.778
2)	SA Decachlor...	10.269	8.900	21967615	22181513	20.100	19.832
	Target Compounds						

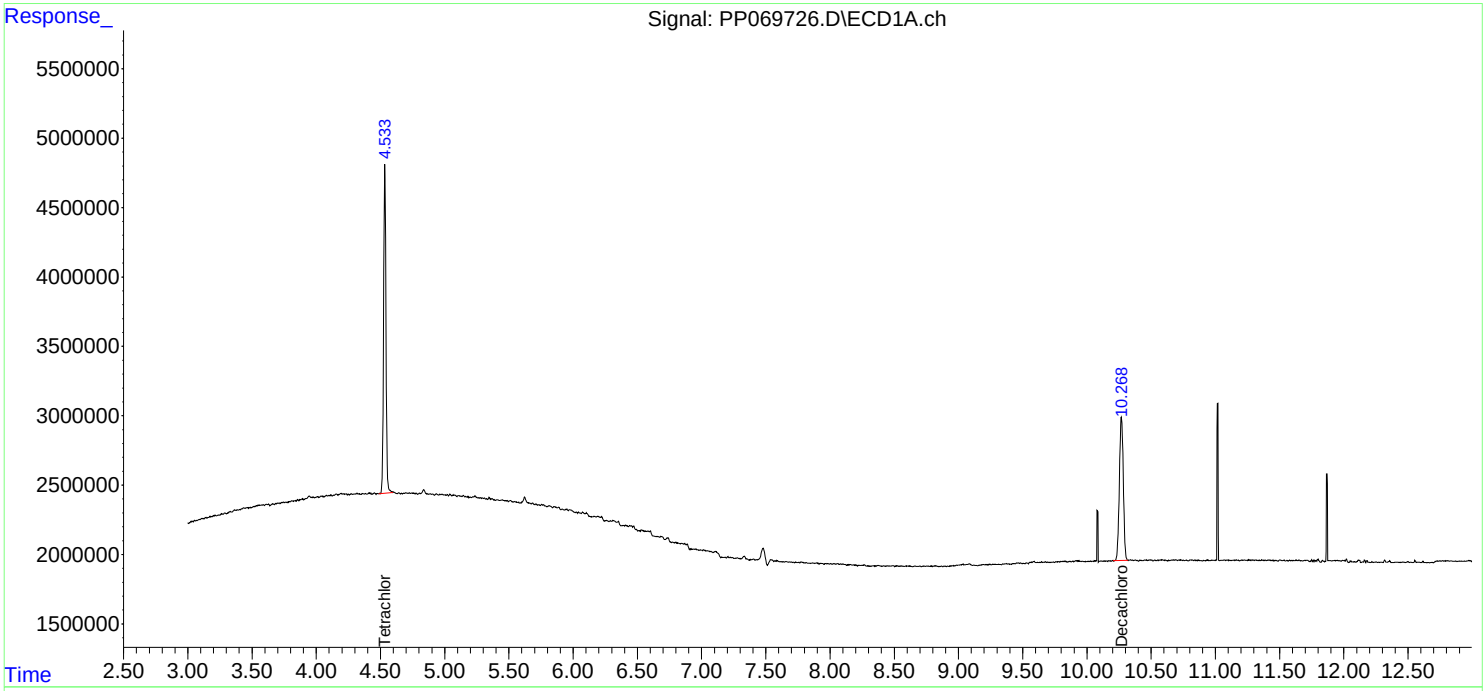
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

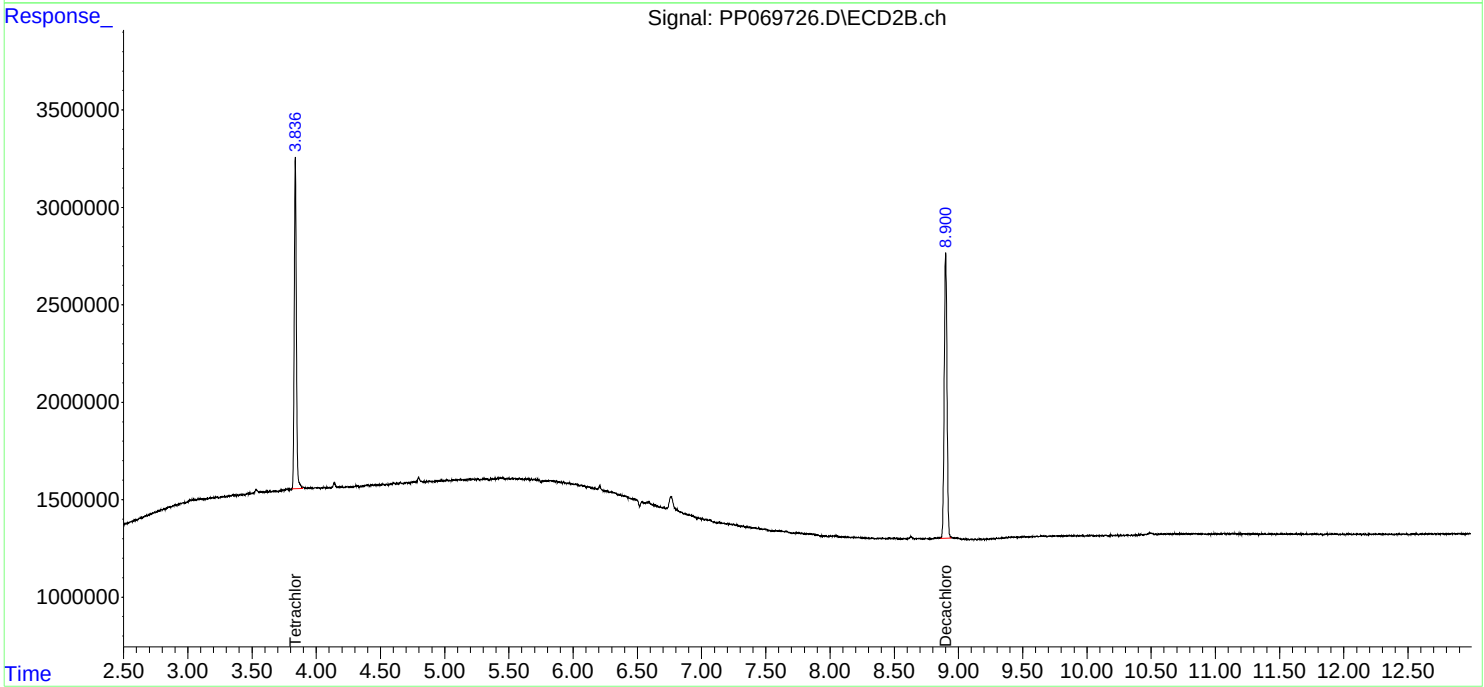
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021325\
Data File : PP069726.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Feb 2025 16:30
Operator : YP\AJ
Sample : PB166696BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

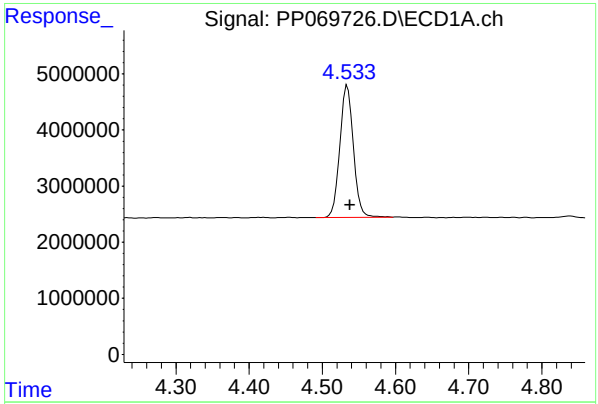
Instrument :
ECD_P
ClientSampleId :
PB166696BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 13 18:02:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



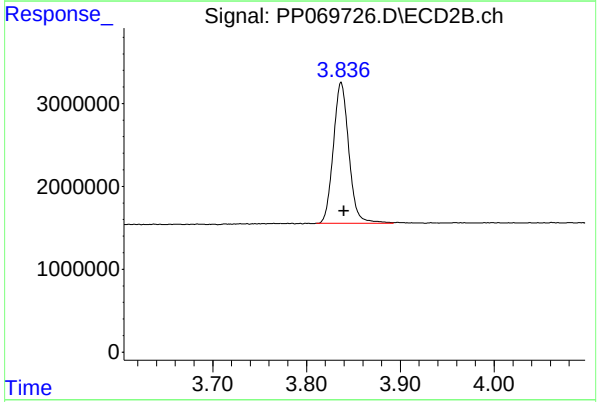




#1 Tetrachloro-m-xylene

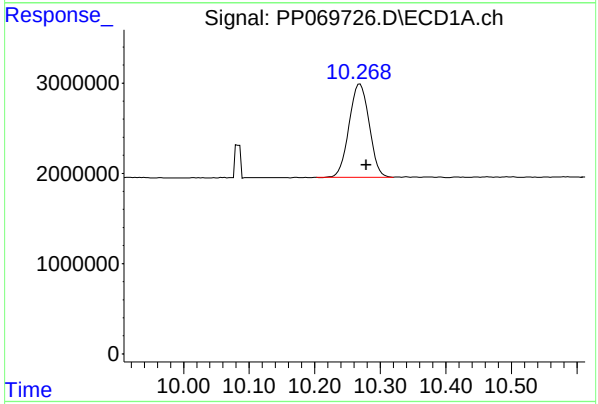
R.T.: 4.534 min
Delta R.T.: -0.004 min
Response: 30326898
Conc: 21.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166696BL



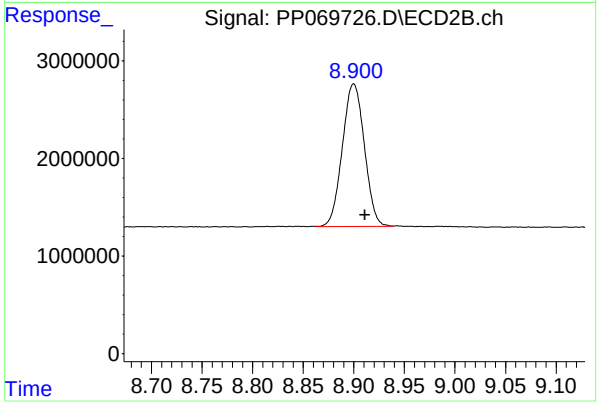
#1 Tetrachloro-m-xylene

R.T.: 3.837 min
Delta R.T.: -0.003 min
Response: 19437598
Conc: 21.78 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.269 min
Delta R.T.: -0.010 min
Response: 21967615
Conc: 20.10 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.900 min
Delta R.T.: -0.011 min
Response: 22181513
Conc: 19.83 ng/ml

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Report of Analysis

Client:	Weston Solutions	Date Collected:	01/28/25
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	01/28/25
Client Sample ID:	PIBLK-PP069264.D	SDG No.:	Q1352
Lab Sample ID:	I.BLK-PP069264.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
PP069264.D	1		01/28/25	PP012825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.40	U	0.15	0.40	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.23	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.40	U	0.37	0.40	0.50	ug/L
53469-21-9	Aroclor-1242	0.40	U	0.16	0.40	0.50	ug/L
12672-29-6	Aroclor-1248	0.40	U	0.12	0.40	0.50	ug/L
11097-69-1	Aroclor-1254	0.40	U	0.11	0.40	0.50	ug/L
11096-82-5	Aroclor-1260	0.40	U	0.15	0.40	0.50	ug/L
37324-23-5	Aroclor-1262	0.40	U	0.14	0.40	0.50	ug/L
11100-14-4	Aroclor-1268	0.40	U	0.12	0.40	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	25.7		60 - 140		128%	SPK: 20
2051-24-3	Decachlorobiphenyl	25.4		60 - 140		127%	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\PP012825\
Data File : PP069264.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 09:21
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: Jan 28 17:56:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:55:36 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.539	3.842	36765163	23177515	25.683	25.968
2)	SA Decachlor...	10.282	8.913	27772759	28447720	25.412	25.434
	Target Compounds						

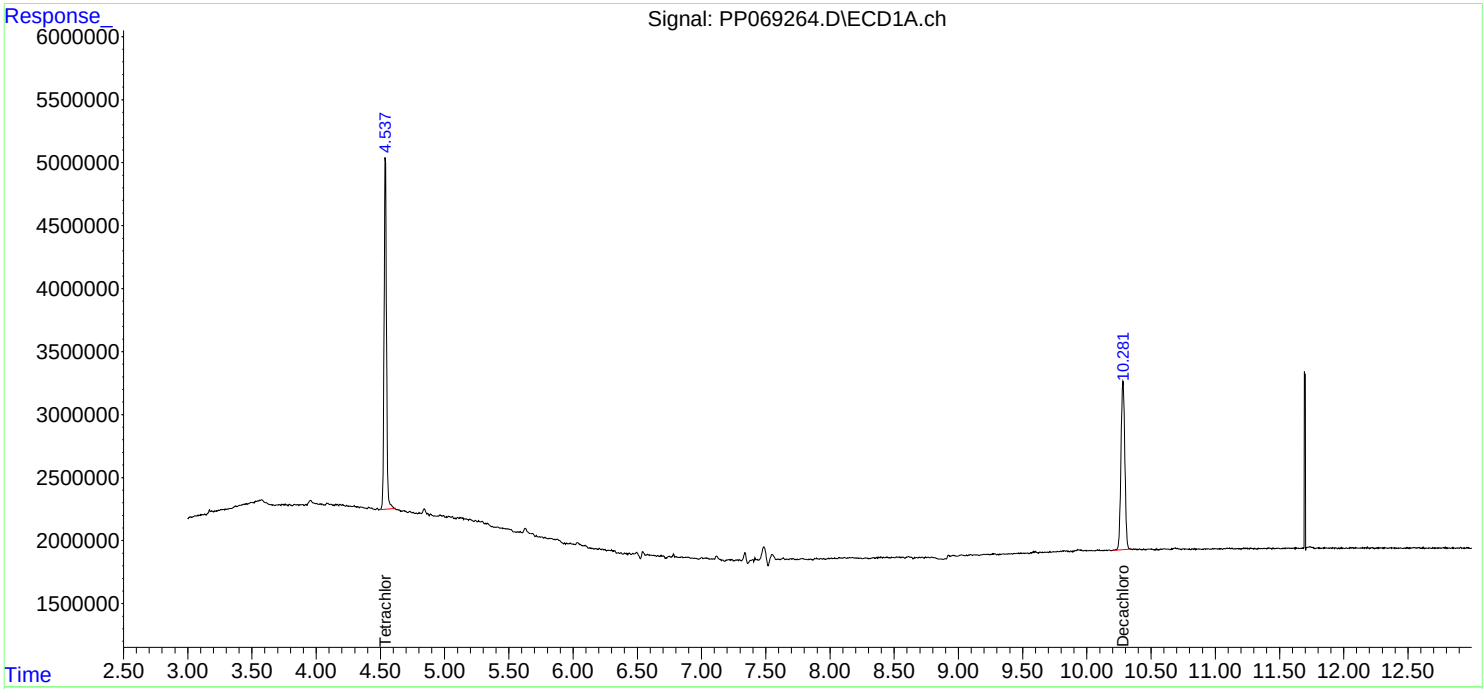
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

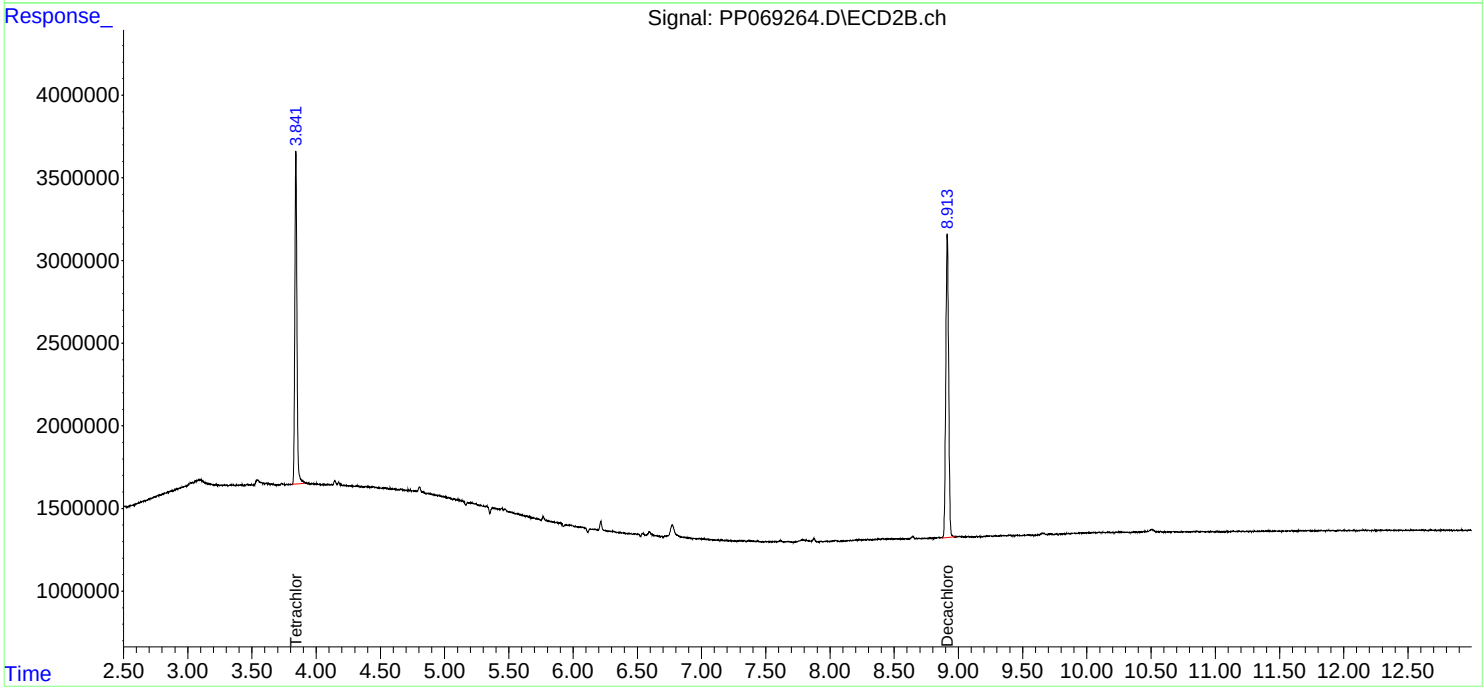
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069264.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 09:21
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

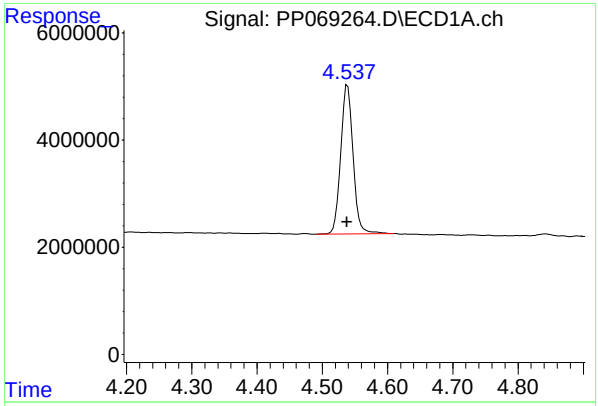
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 17:56:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:55:36 2025
Response via : Initial Calibration
Integrator: ChemStation

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



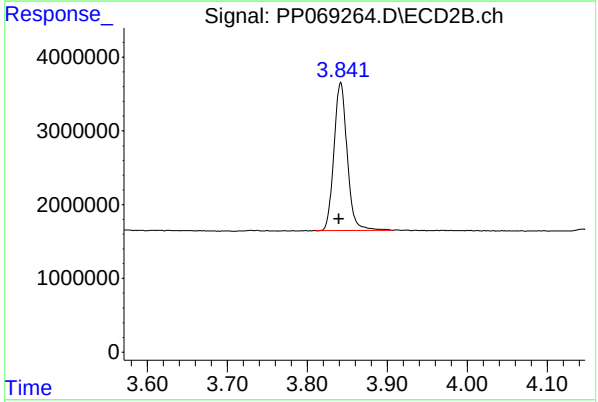




#1 Tetrachloro-m-xylene

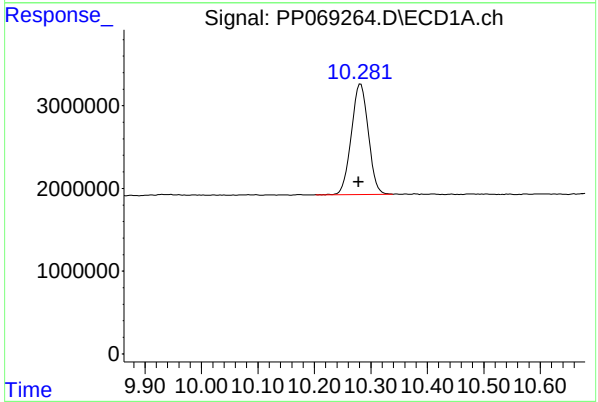
R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 36765163
Conc: 25.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



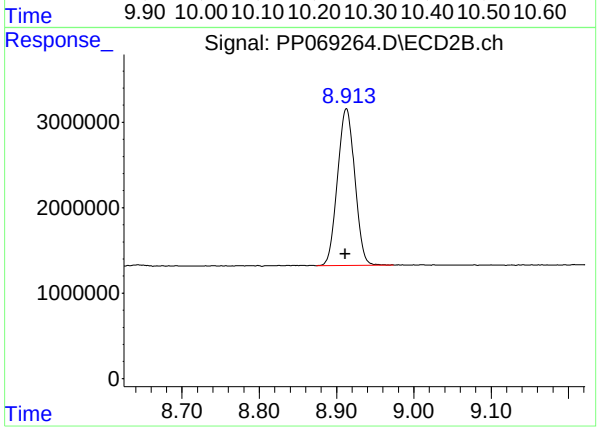
#1 Tetrachloro-m-xylene

R.T.: 3.842 min
Delta R.T.: 0.002 min
Response: 23177515
Conc: 25.97 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.282 min
Delta R.T.: 0.004 min
Response: 27772759
Conc: 25.41 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.913 min
Delta R.T.: 0.002 min
Response: 28447720
Conc: 25.43 ng/ml

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

Report of Analysis

Client:	Weston Solutions	Date Collected:	02/12/25
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	02/12/25
Client Sample ID:	PIBLK-PP069674.D	SDG No.:	Q1352
Lab Sample ID:	I.BLK-PP069674.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
PP069674.D	1		02/12/25	PP021225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.40	U	0.15	0.40	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.23	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.40	U	0.37	0.40	0.50	ug/L
53469-21-9	Aroclor-1242	0.40	U	0.16	0.40	0.50	ug/L
12672-29-6	Aroclor-1248	0.40	U	0.12	0.40	0.50	ug/L
11097-69-1	Aroclor-1254	0.40	U	0.11	0.40	0.50	ug/L
11096-82-5	Aroclor-1260	0.40	U	0.15	0.40	0.50	ug/L
37324-23-5	Aroclor-1262	0.40	U	0.14	0.40	0.50	ug/L
11100-14-4	Aroclor-1268	0.40	U	0.12	0.40	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	24.9		60 - 140		125%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.1		60 - 140		110%	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\PP021225\
Data File : PP069674.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Feb 2025 10:43
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: Feb 12 22:23:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.533	3.837	35706818	22599533	24.944	25.321
2)	SA Decachlor...	10.259	8.897	26723133	24688951	24.452	22.074
	Target Compounds						

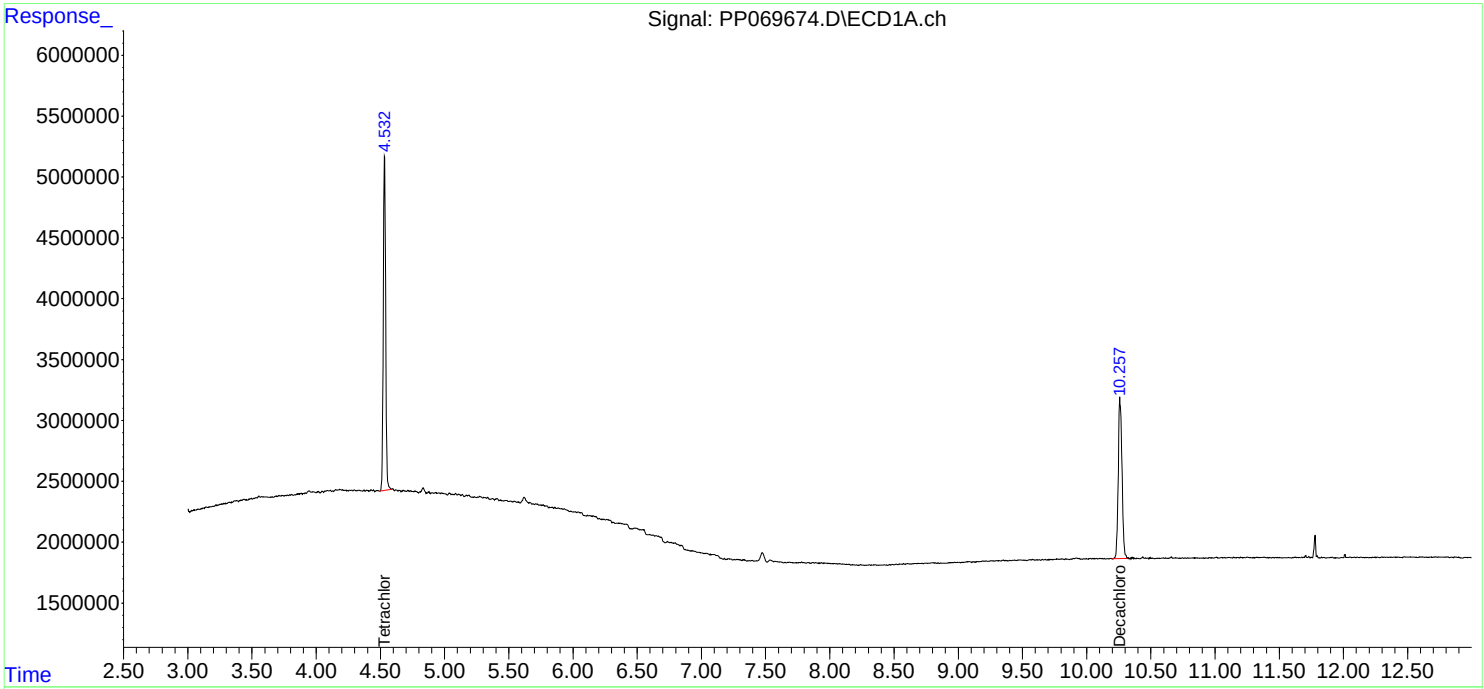
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

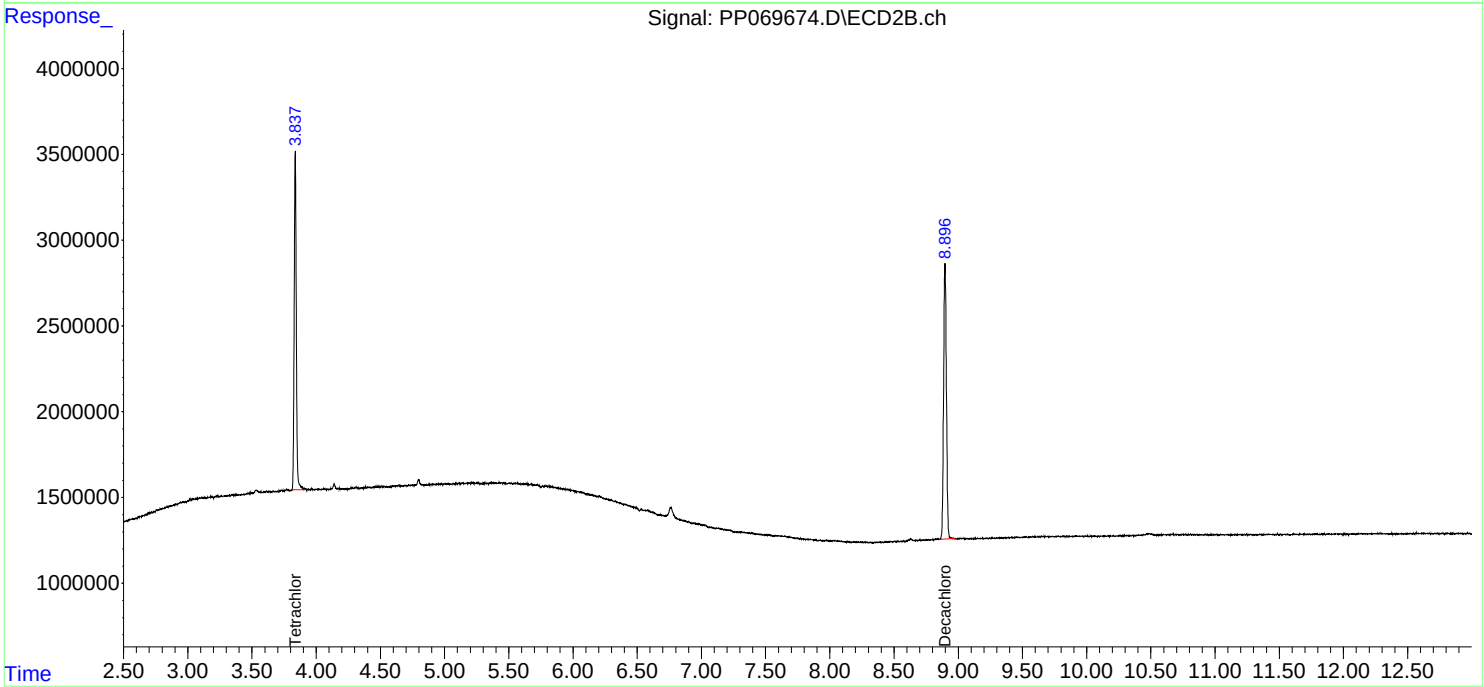
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021225\
Data File : PP069674.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Feb 2025 10:43
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

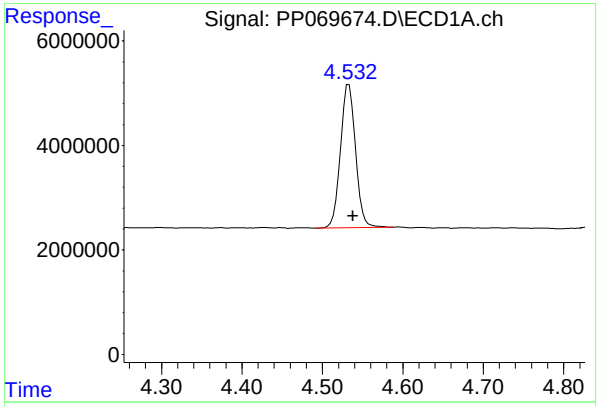
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 12 22:23:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



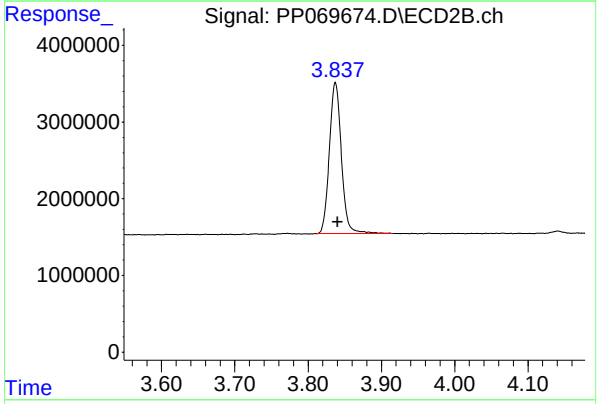




#1 Tetrachloro-m-xylene

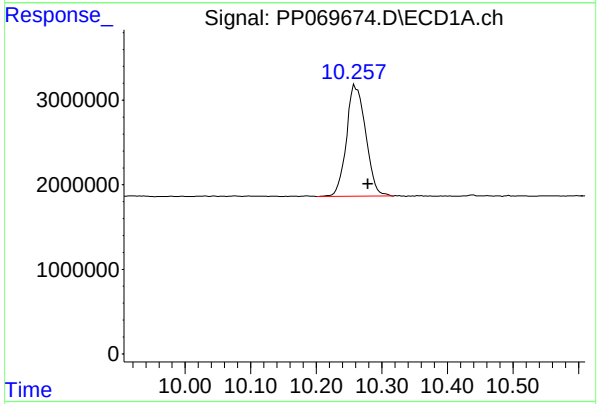
R.T.: 4.533 min
Delta R.T.: -0.005 min
Response: 35706818
Conc: 24.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



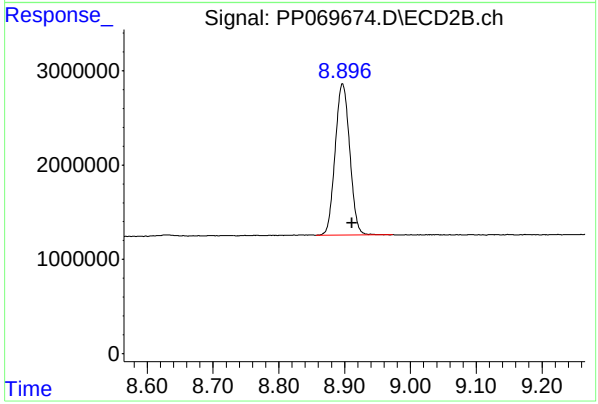
#1 Tetrachloro-m-xylene

R.T.: 3.837 min
Delta R.T.: -0.003 min
Response: 22599533
Conc: 25.32 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.259 min
Delta R.T.: -0.020 min
Response: 26723133
Conc: 24.45 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.897 min
Delta R.T.: -0.014 min
Response: 24688951
Conc: 22.07 ng/ml

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Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions	Date Collected:	02/12/25
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	02/12/25
Client Sample ID:	PIBLK-PP069688.D	SDG No.:	Q1352
Lab Sample ID:	I.BLK-PP069688.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
PP069688.D	1		02/12/25	PP021225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.40	U	0.15	0.40	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.23	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.40	U	0.37	0.40	0.50	ug/L
53469-21-9	Aroclor-1242	0.40	U	0.16	0.40	0.50	ug/L
12672-29-6	Aroclor-1248	0.40	U	0.12	0.40	0.50	ug/L
11097-69-1	Aroclor-1254	0.40	U	0.11	0.40	0.50	ug/L
11096-82-5	Aroclor-1260	0.40	U	0.15	0.40	0.50	ug/L
37324-23-5	Aroclor-1262	0.40	U	0.14	0.40	0.50	ug/L
11100-14-4	Aroclor-1268	0.40	U	0.12	0.40	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	24.9		60 - 140		124%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.8		60 - 140		114%	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\PP021225\
Data File : PP069688.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Feb 2025 17:05
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: Feb 12 22:27:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.532	3.837	35606673	22377499	24.874	25.072
2)	SA Decachlor...	10.262	8.895	25299459	25492551	23.149	22.792
	Target Compounds						

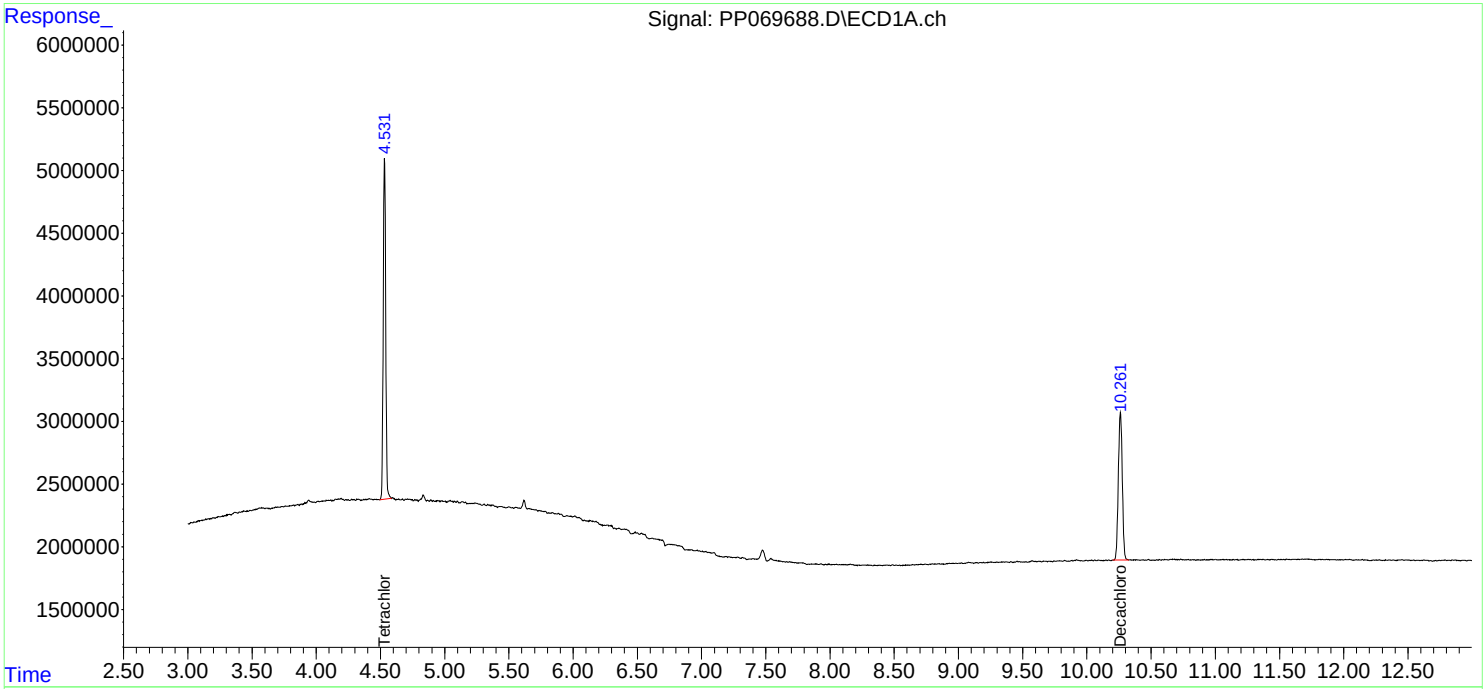
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

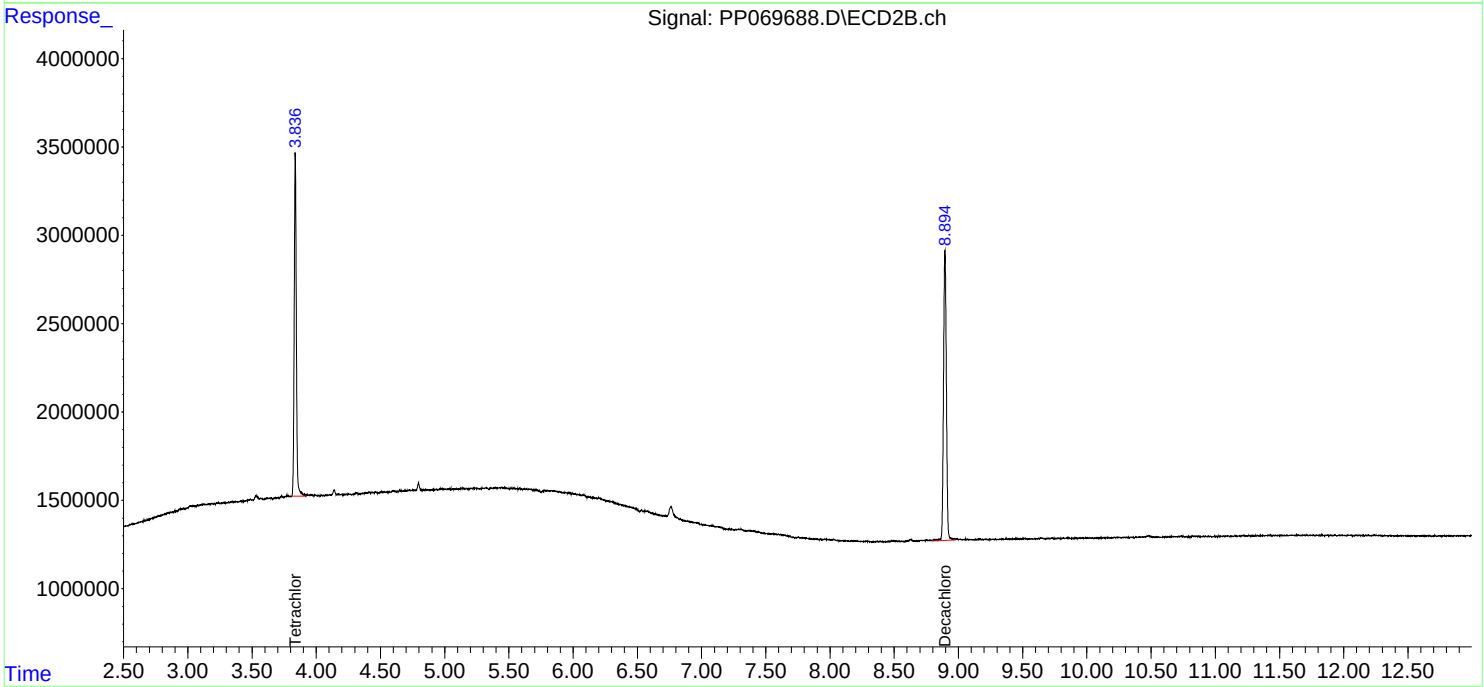
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021225\
Data File : PP069688.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Feb 2025 17:05
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

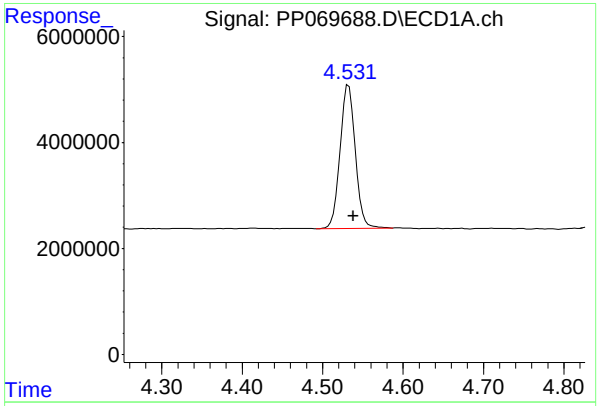
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 12 22:27:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



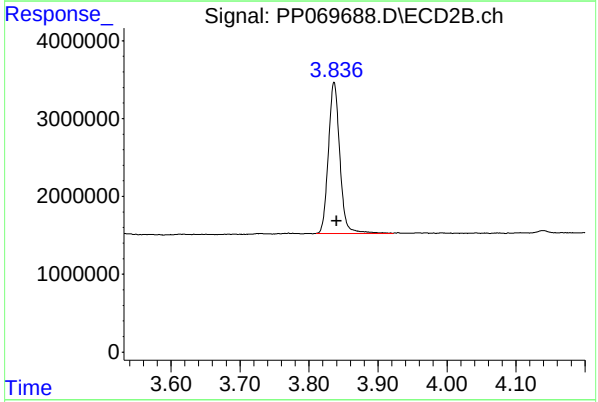




#1 Tetrachloro-m-xylene

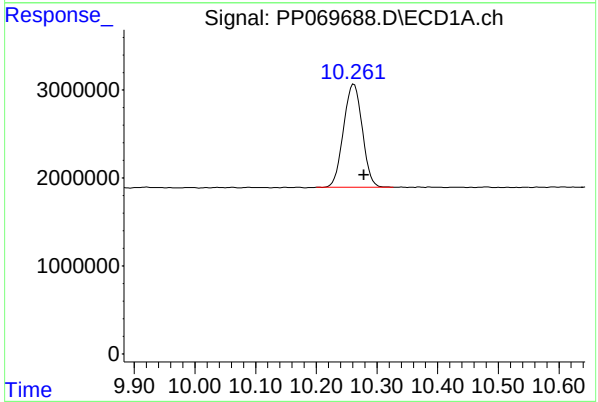
R.T.: 4.532 min
Delta R.T.: -0.006 min
Response: 35606673
Conc: 24.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



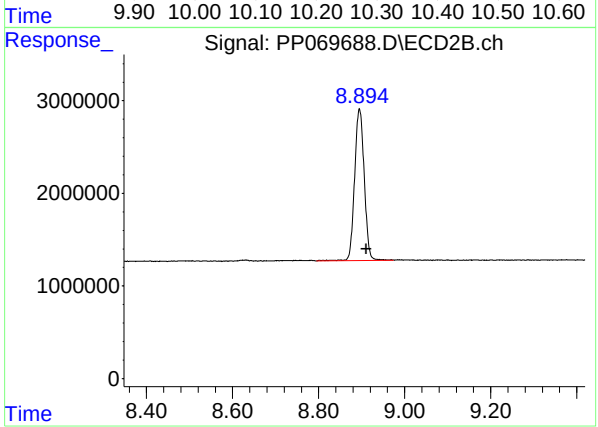
#1 Tetrachloro-m-xylene

R.T.: 3.837 min
Delta R.T.: -0.003 min
Response: 22377499
Conc: 25.07 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.262 min
Delta R.T.: -0.017 min
Response: 25299459
Conc: 23.15 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.895 min
Delta R.T.: -0.016 min
Response: 25492551
Conc: 22.79 ng/ml

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

Report of Analysis

Client:	Weston Solutions	Date Collected:	02/13/25
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	02/13/25
Client Sample ID:	PIBLK-PP069720.D	SDG No.:	Q1352
Lab Sample ID:	I.BLK-PP069720.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
PP069720.D	1		02/13/25	pp021325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.40	U	0.15	0.40	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.23	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.40	U	0.37	0.40	0.50	ug/L
53469-21-9	Aroclor-1242	0.40	U	0.16	0.40	0.50	ug/L
12672-29-6	Aroclor-1248	0.40	U	0.12	0.40	0.50	ug/L
11097-69-1	Aroclor-1254	0.40	U	0.11	0.40	0.50	ug/L
11096-82-5	Aroclor-1260	0.40	U	0.15	0.40	0.50	ug/L
37324-23-5	Aroclor-1262	0.40	U	0.14	0.40	0.50	ug/L
11100-14-4	Aroclor-1268	0.40	U	0.12	0.40	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	26.8		60 - 140		134%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.3		60 - 140		122%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021325\
Data File : PP069720.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Feb 2025 14:53
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: Feb 13 15:32:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.533	3.837	38340961	23915898	26.784	26.795
2)	SA Decachlor...	10.266	8.900	27949571	27218948	25.574	24.336
	Target Compounds						

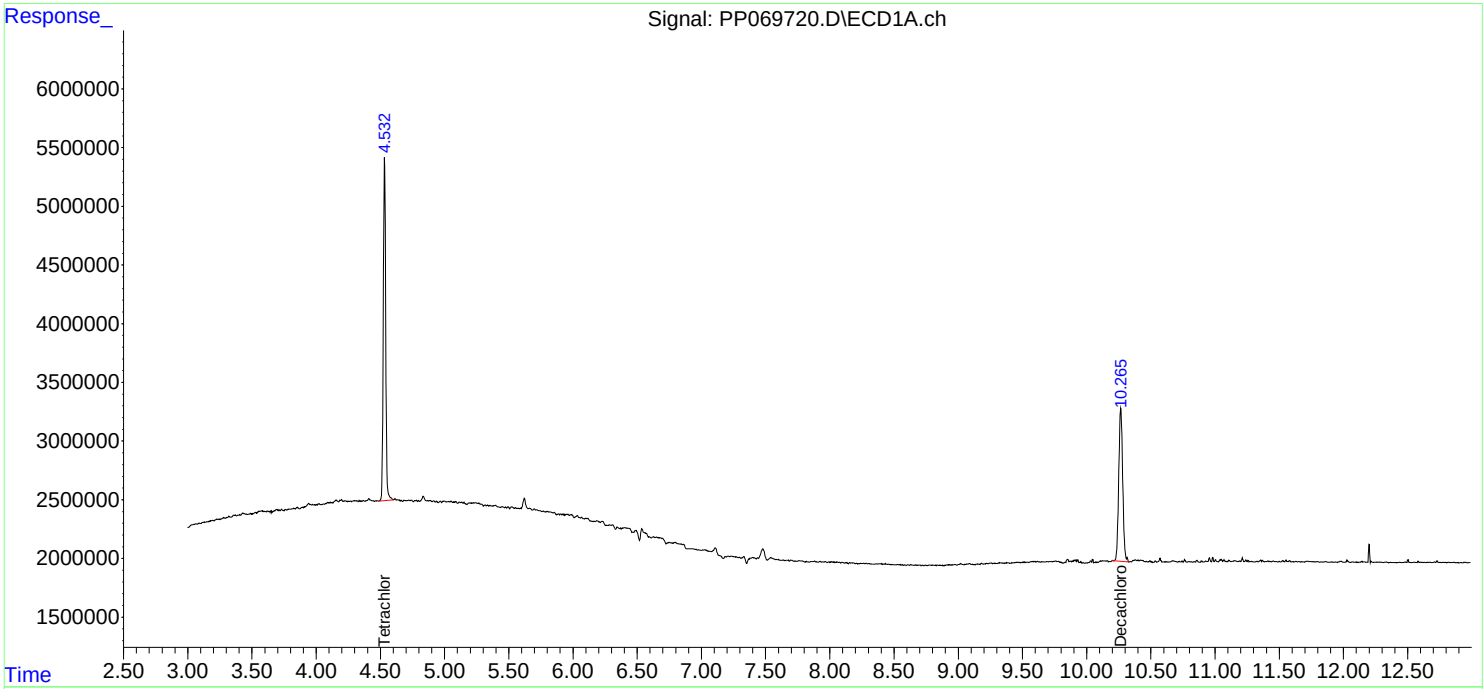
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

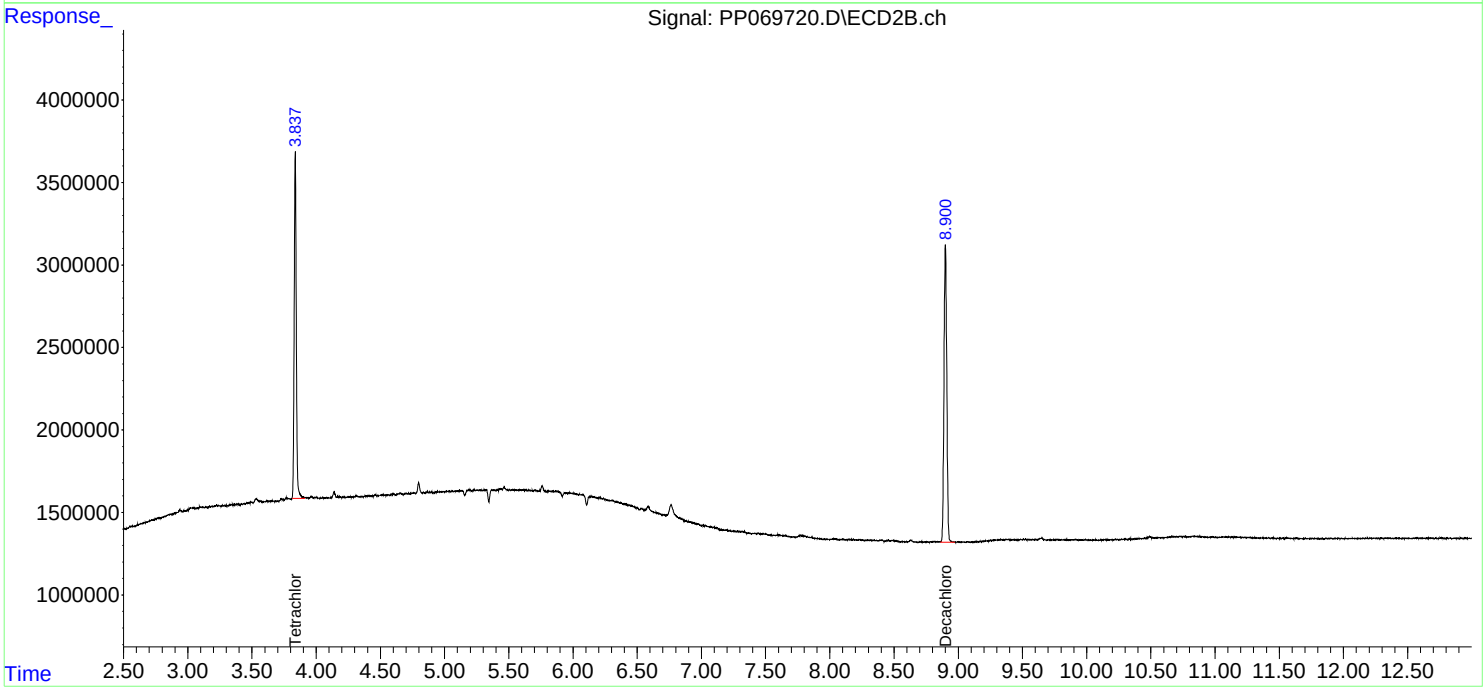
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021325\
Data File : PP069720.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Feb 2025 14:53
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

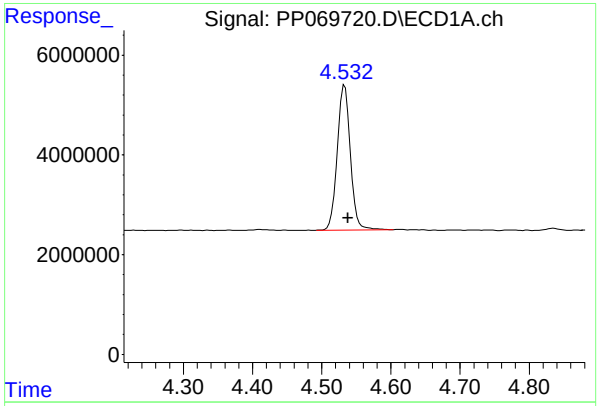
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 13 15:32:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



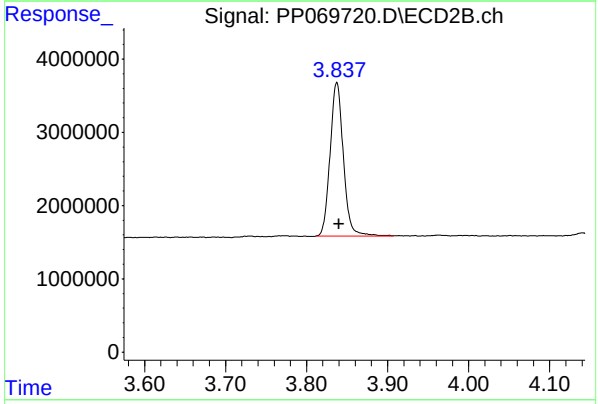




#1 Tetrachloro-m-xylene

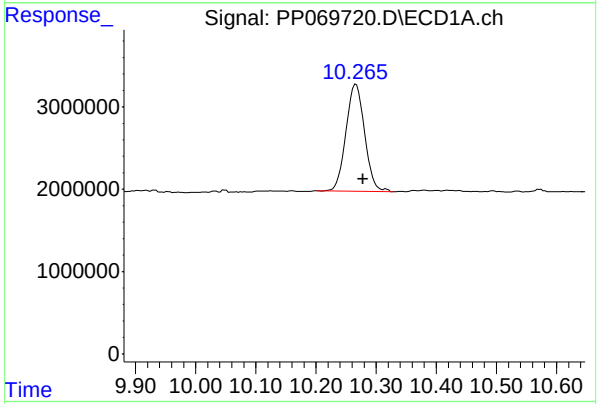
R.T.: 4.533 min
Delta R.T.: -0.005 min
Response: 38340961
Conc: 26.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



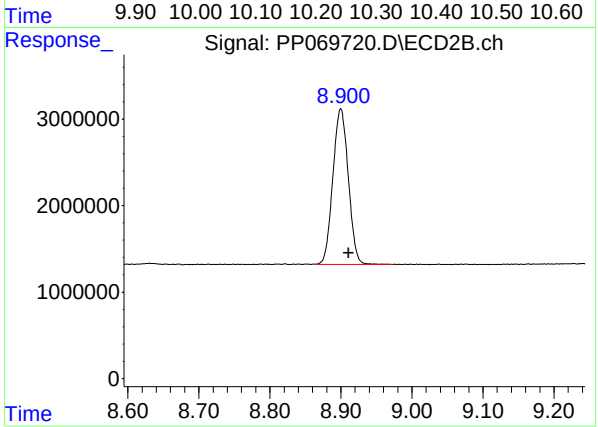
#1 Tetrachloro-m-xylene

R.T.: 3.837 min
Delta R.T.: -0.003 min
Response: 23915898
Conc: 26.80 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.266 min
Delta R.T.: -0.012 min
Response: 27949571
Conc: 25.57 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.900 min
Delta R.T.: -0.011 min
Response: 27218948
Conc: 24.34 ng/ml

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

Report of Analysis

Client:	Weston Solutions	Date Collected:	02/13/25
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	02/13/25
Client Sample ID:	PIBLK-PP069732.D	SDG No.:	Q1352
Lab Sample ID:	I.BLK-PP069732.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
PP069732.D	1		02/13/25	pp021325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.40	U	0.15	0.40	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.23	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.40	U	0.37	0.40	0.50	ug/L
53469-21-9	Aroclor-1242	0.40	U	0.16	0.40	0.50	ug/L
12672-29-6	Aroclor-1248	0.40	U	0.12	0.40	0.50	ug/L
11097-69-1	Aroclor-1254	0.40	U	0.11	0.40	0.50	ug/L
11096-82-5	Aroclor-1260	0.40	U	0.15	0.40	0.50	ug/L
37324-23-5	Aroclor-1262	0.40	U	0.14	0.40	0.50	ug/L
11100-14-4	Aroclor-1268	0.40	U	0.12	0.40	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	26.1		60 - 140		131%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.5		60 - 140		123%	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\PP021325\
Data File : PP069732.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Feb 2025 18:19
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: Feb 14 00:48:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.533	3.837	37415368	23754087	26.138	26.614
2)	SA Decachlor...	10.266	8.899	27525397	27403864	25.186	24.501
	Target Compounds						

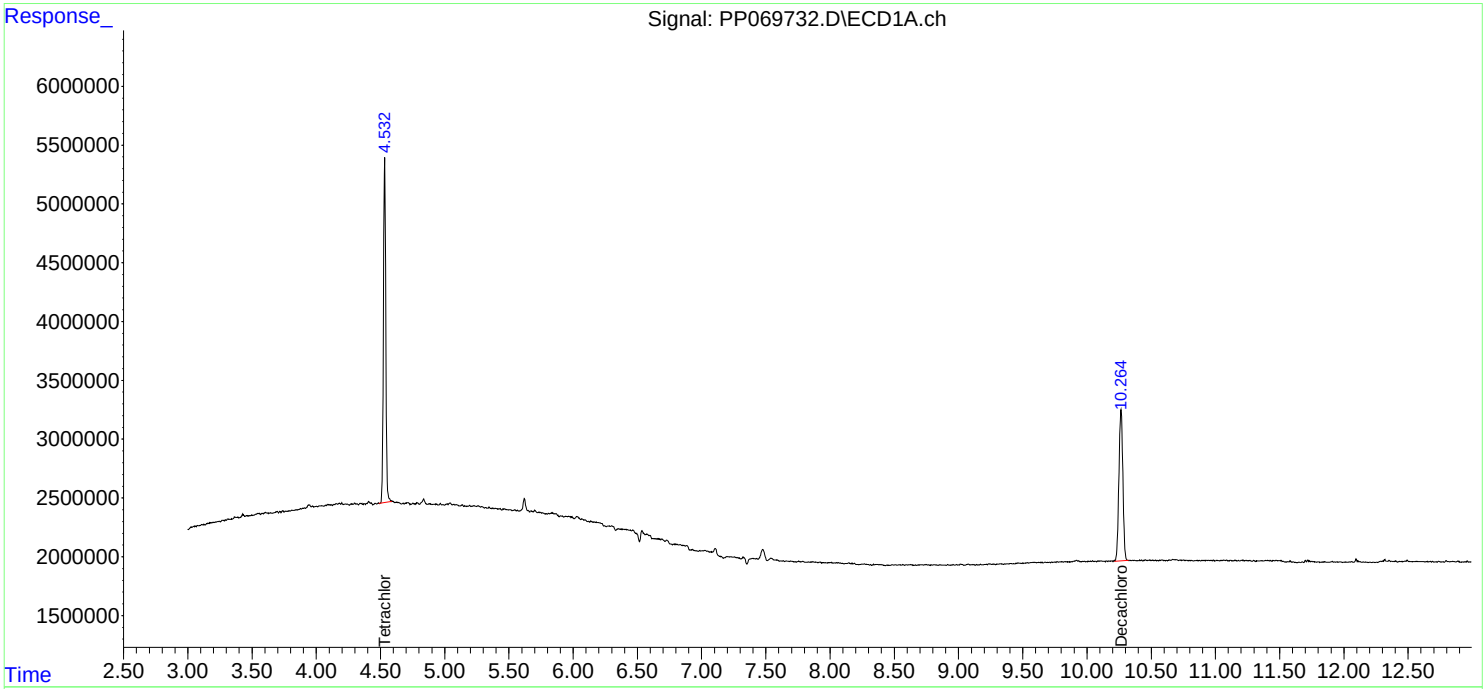
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

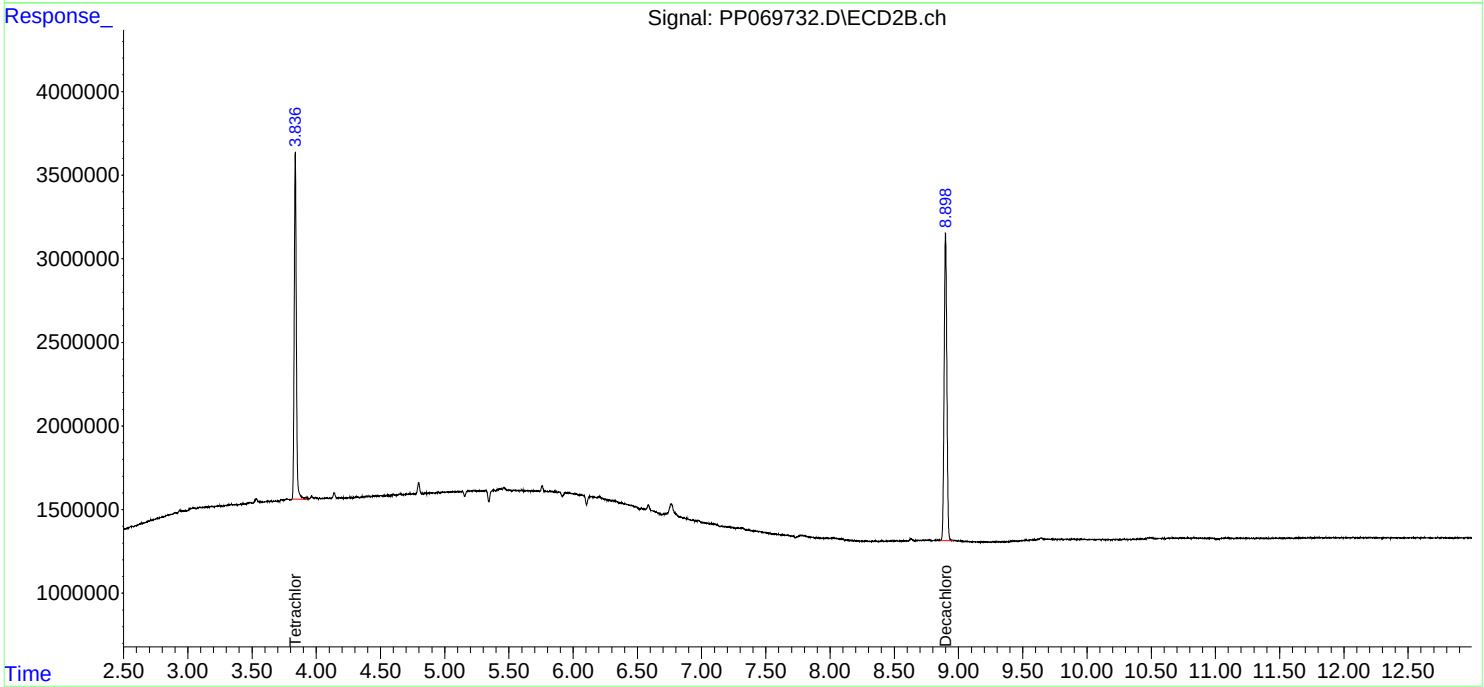
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021325\
Data File : PP069732.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Feb 2025 18:19
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

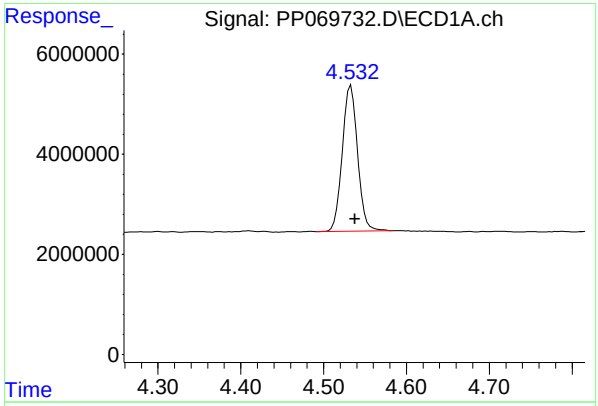
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 14 00:48:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



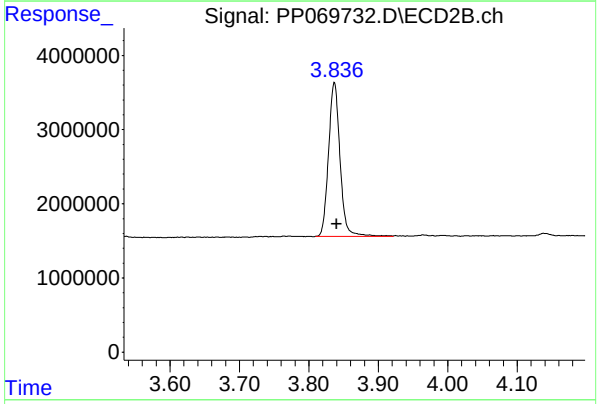




#1 Tetrachloro-m-xylene

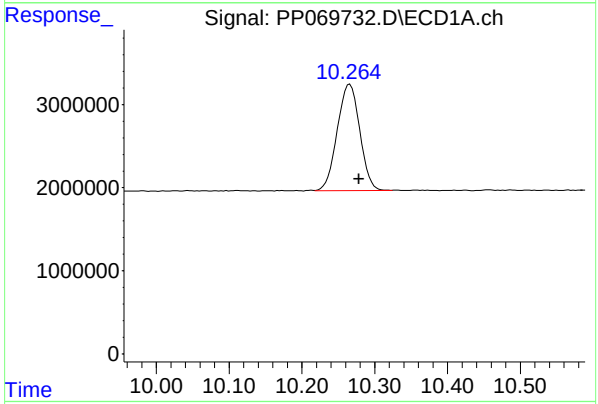
R.T.: 4.533 min
Delta R.T.: -0.005 min
Response: 37415368
Conc: 26.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



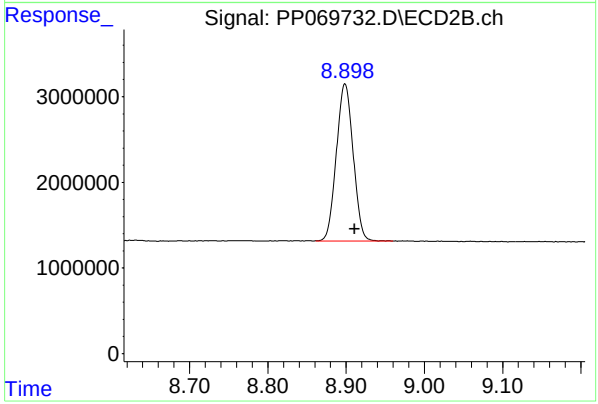
#1 Tetrachloro-m-xylene

R.T.: 3.837 min
Delta R.T.: -0.003 min
Response: 23754087
Conc: 26.61 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.266 min
Delta R.T.: -0.013 min
Response: 27525397
Conc: 25.19 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.899 min
Delta R.T.: -0.013 min
Response: 27403864
Conc: 24.50 ng/ml

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Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions	Date Collected:	
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	
Client Sample ID:	PB166696BS	SDG No.:	Q1352
Lab Sample ID:	PB166696BS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069727.D	1	02/12/25 08:30	02/13/25 16:47	PB166696

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	134		3.40	8.30	17.0	ug/kg
11104-28-2	Aroclor-1221	13.0	U	6.40	13.0	17.0	ug/kg
11141-16-5	Aroclor-1232	13.0	U	3.40	13.0	17.0	ug/kg
53469-21-9	Aroclor-1242	8.30	U	3.40	8.30	17.0	ug/kg
12672-29-6	Aroclor-1248	13.0	U	7.90	13.0	17.0	ug/kg
11097-69-1	Aroclor-1254	13.0	U	2.70	13.0	17.0	ug/kg
37324-23-5	Aroclor-1262	8.30	U	4.60	8.30	17.0	ug/kg
11100-14-4	Aroclor-1268	13.0	U	3.40	13.0	17.0	ug/kg
11096-82-5	Aroclor-1260	131		2.90	8.30	17.0	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	22.0		44 - 130		110%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.1		60 - 125		106%	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\PP021325\
Data File : PP069727.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Feb 2025 16:47
Operator : YP\AJ
Sample : PB166696BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB166696BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 13 18:03:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.534	3.838	31447230	19201861	21.968	21.514
2)	SA Decachlor...	10.269	8.900	23074688	22912645	21.113	20.485
	Target Compounds						
3)	L1 AR-1016-1	5.688	4.929	19236258	13029063	415.174	399.480
4)	L1 AR-1016-2	5.709	4.948	27488836	17910696	404.979	398.384
5)	L1 AR-1016-3	5.772	5.125	17046648	10002704	400.188	401.974
6)	L1 AR-1016-4	5.869	5.167	14086459	7887856	402.465	390.560
7)	L1 AR-1016-5	6.162	5.383	12720738	10274618	384.794	383.040
31)	L7 AR-1260-1	7.281	6.421	23249882	20627979	397.867	427.704
32)	L7 AR-1260-2	7.535	6.609	29868550	26021246	383.851	424.465
33)	L7 AR-1260-3	7.894	6.763	20845755	23159400	333.429	384.986
34)	L7 AR-1260-4	8.119	7.235	22473529	17056910	340.628	367.070
35)	L7 AR-1260-5	8.440	7.476	43653274	40706294	333.420	366.245

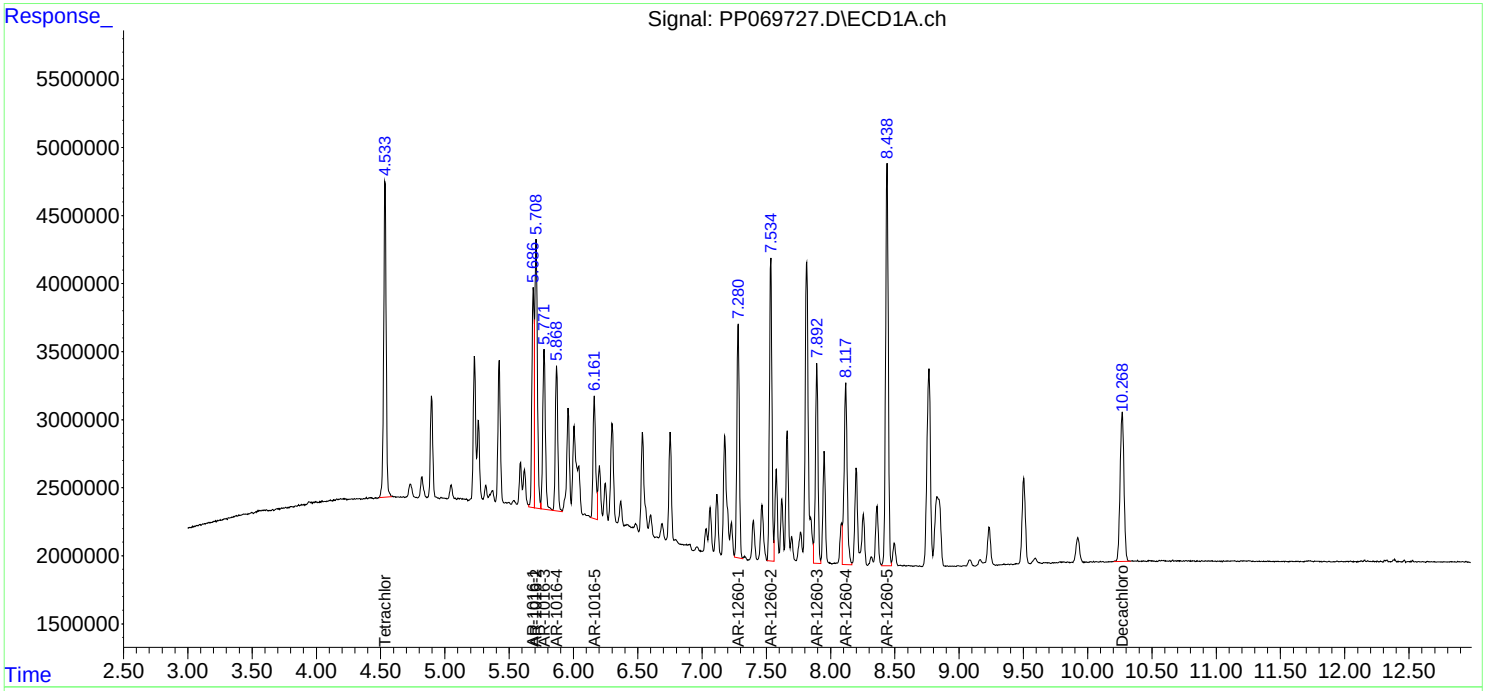
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

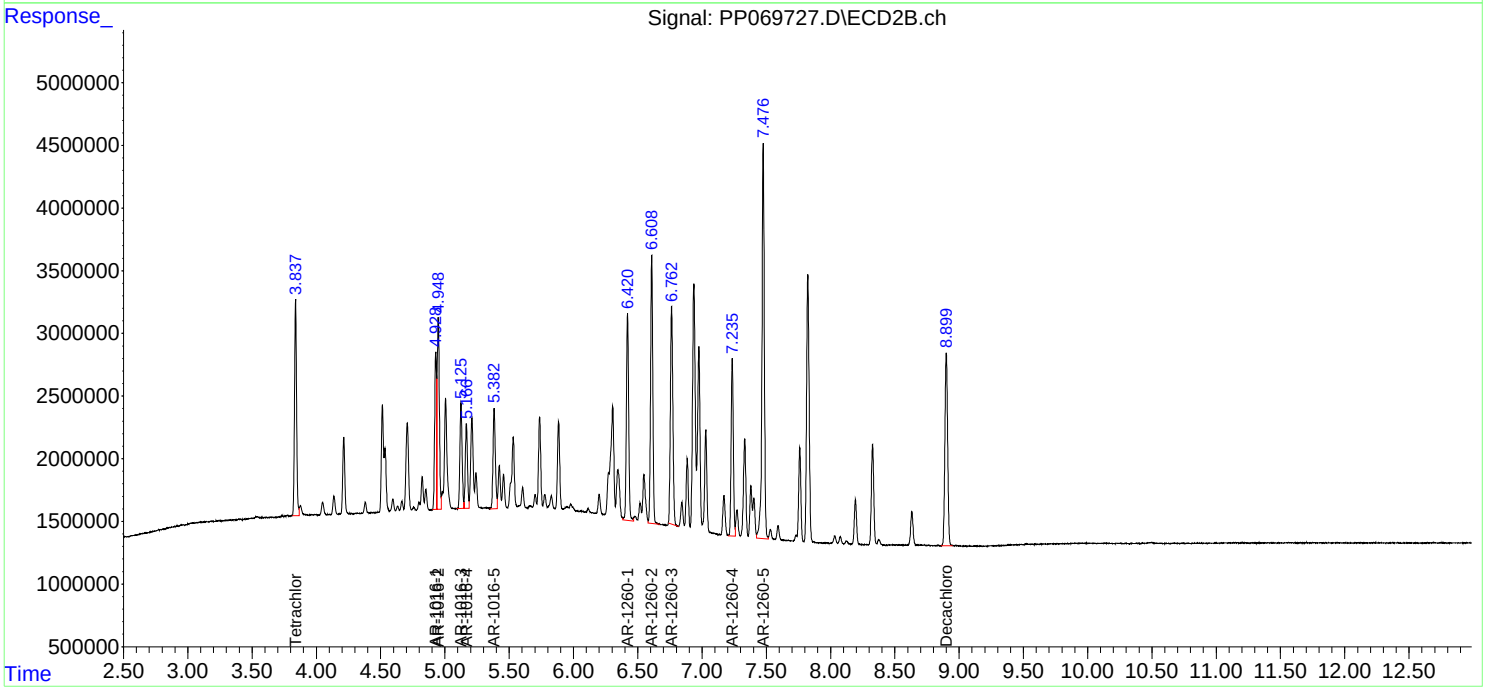
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021325\
Data File : PP069727.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Feb 2025 16:47
Operator : YP\AJ
Sample : PB166696BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

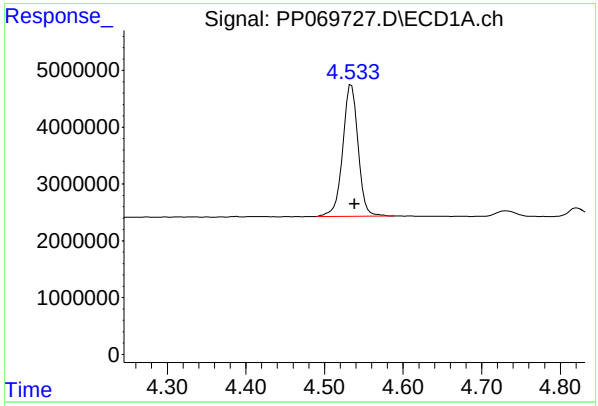
Instrument :
ECD_P
ClientSampleId :
PB166696BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 13 18:03:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



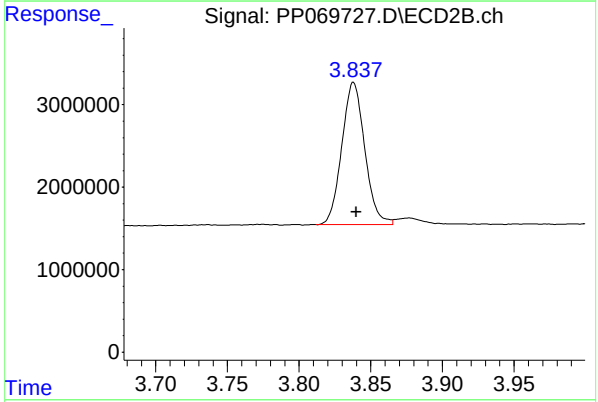




#1 Tetrachloro-m-xylene

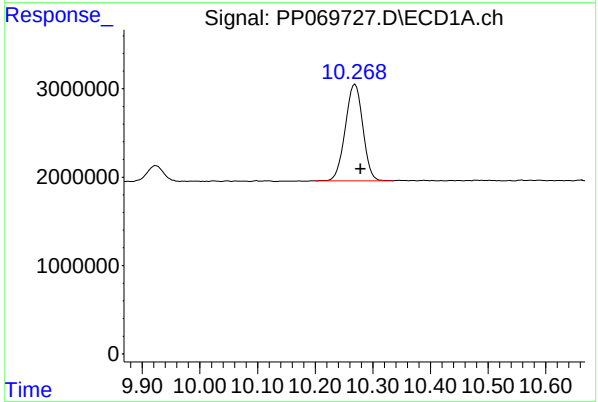
R.T.: 4.534 min
Delta R.T.: -0.004 min
Response: 31447230
Conc: 21.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166696BS



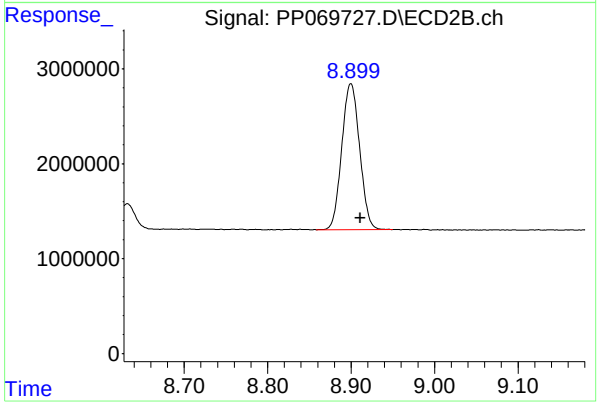
#1 Tetrachloro-m-xylene

R.T.: 3.838 min
Delta R.T.: -0.002 min
Response: 19201861
Conc: 21.51 ng/ml



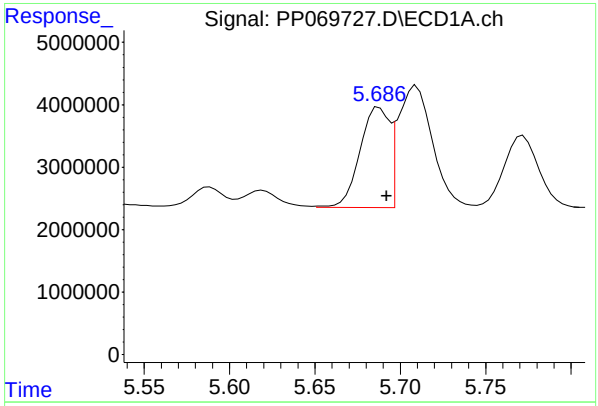
#2 Decachlorobiphenyl

R.T.: 10.269 min
Delta R.T.: -0.009 min
Response: 23074688
Conc: 21.11 ng/ml



#2 Decachlorobiphenyl

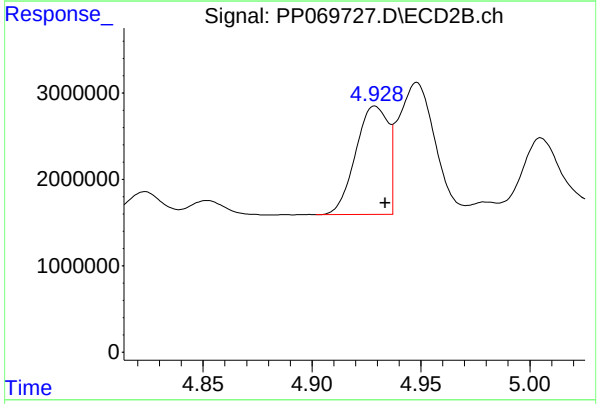
R.T.: 8.900 min
Delta R.T.: -0.011 min
Response: 22912645
Conc: 20.49 ng/ml



#3 AR-1016-1

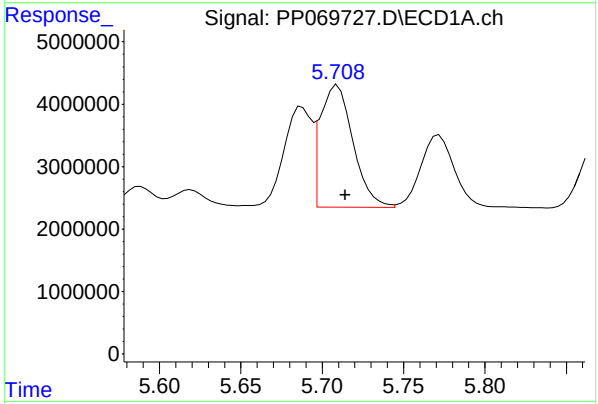
R.T.: 5.688 min
Delta R.T.: -0.004 min
Response: 19236258
Conc: 415.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166696BS



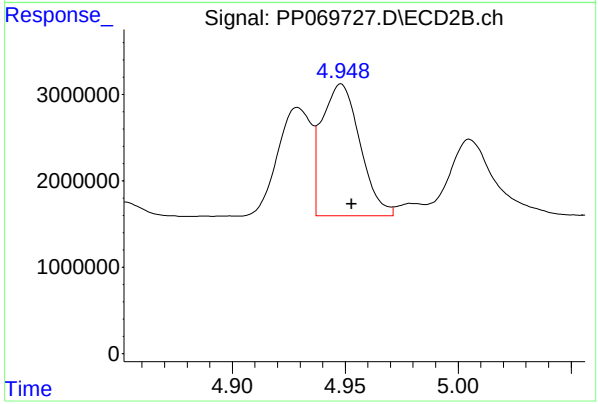
#3 AR-1016-1

R.T.: 4.929 min
Delta R.T.: -0.005 min
Response: 13029063
Conc: 399.48 ng/ml



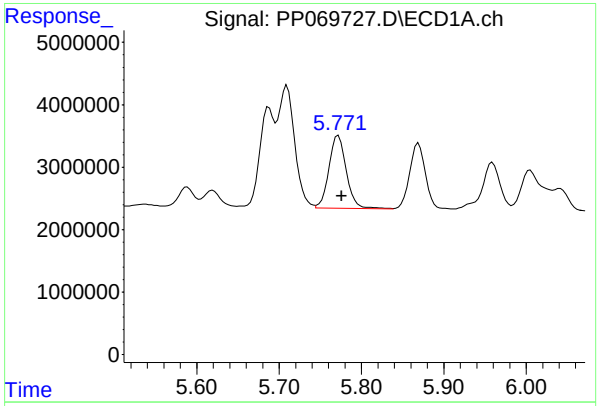
#4 AR-1016-2

R.T.: 5.709 min
Delta R.T.: -0.005 min
Response: 27488836
Conc: 404.98 ng/ml



#4 AR-1016-2

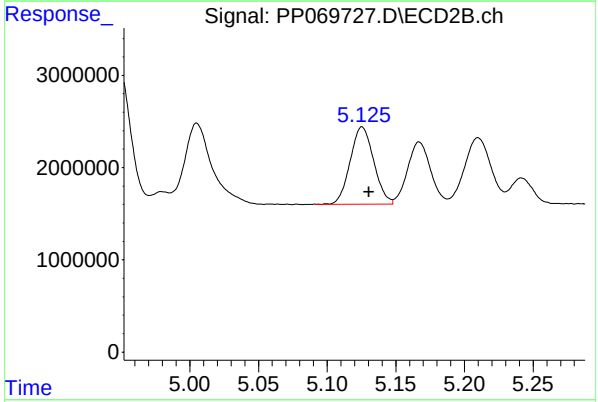
R.T.: 4.948 min
Delta R.T.: -0.005 min
Response: 17910696
Conc: 398.38 ng/ml



#5 AR-1016-3

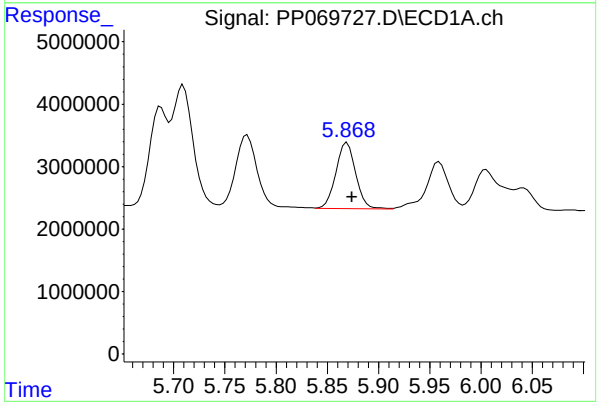
R.T.: 5.772 min
Delta R.T.: -0.004 min
Response: 17046648
Conc: 400.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166696BS



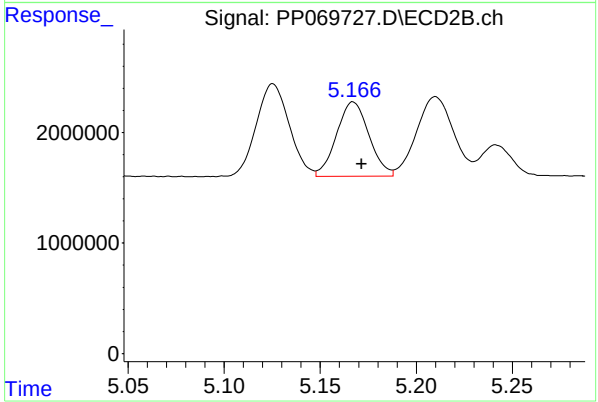
#5 AR-1016-3

R.T.: 5.125 min
Delta R.T.: -0.005 min
Response: 10002704
Conc: 401.97 ng/ml



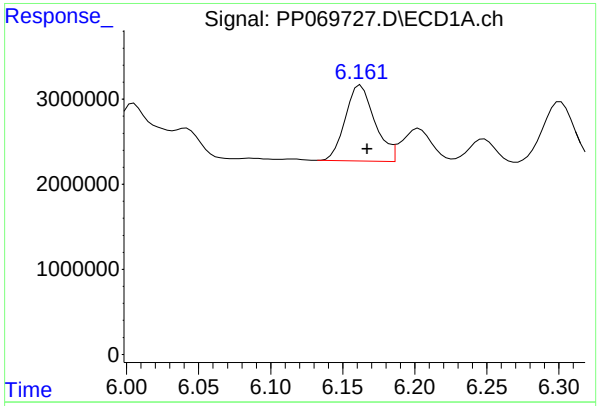
#6 AR-1016-4

R.T.: 5.869 min
Delta R.T.: -0.005 min
Response: 14086459
Conc: 402.46 ng/ml



#6 AR-1016-4

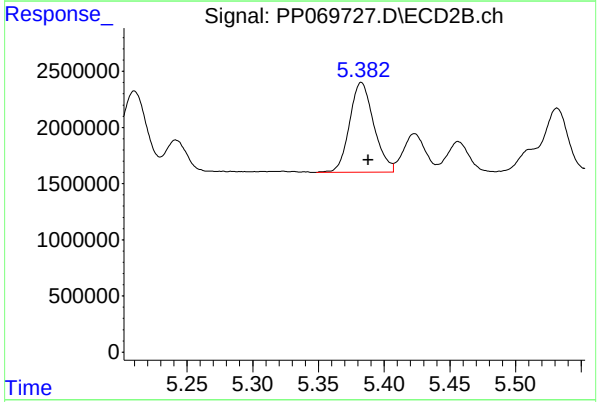
R.T.: 5.167 min
Delta R.T.: -0.004 min
Response: 7887856
Conc: 390.56 ng/ml



#7 AR-1016-5

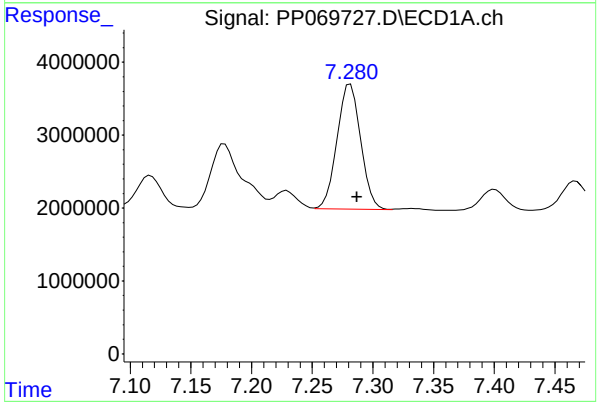
R.T.: 6.162 min
Delta R.T.: -0.005 min
Response: 12720738
Conc: 384.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166696BS



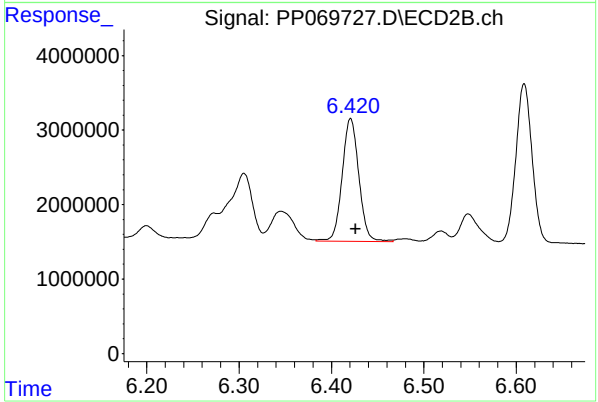
#7 AR-1016-5

R.T.: 5.383 min
Delta R.T.: -0.005 min
Response: 10274618
Conc: 383.04 ng/ml



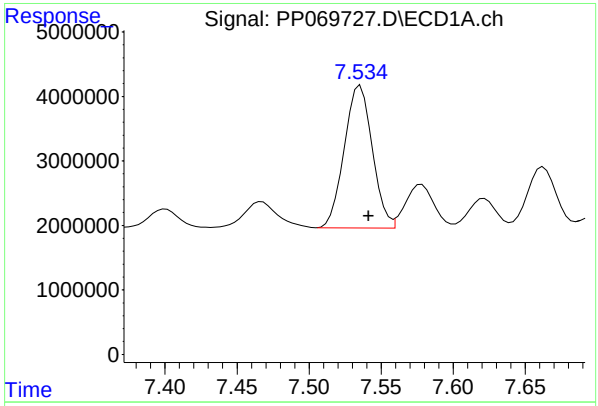
#31 AR-1260-1

R.T.: 7.281 min
Delta R.T.: -0.005 min
Response: 23249882
Conc: 397.87 ng/ml



#31 AR-1260-1

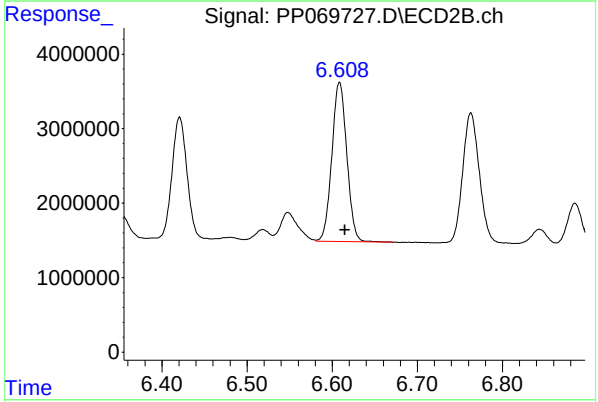
R.T.: 6.421 min
Delta R.T.: -0.006 min
Response: 20627979
Conc: 427.70 ng/ml



#32 AR-1260-2

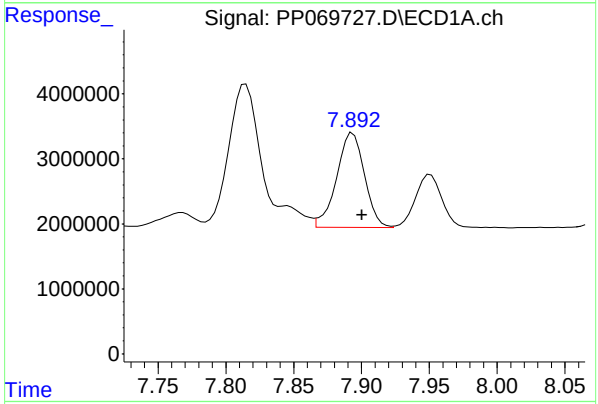
R.T.: 7.535 min
Delta R.T.: -0.006 min
Response: 29868550
Conc: 383.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166696BS



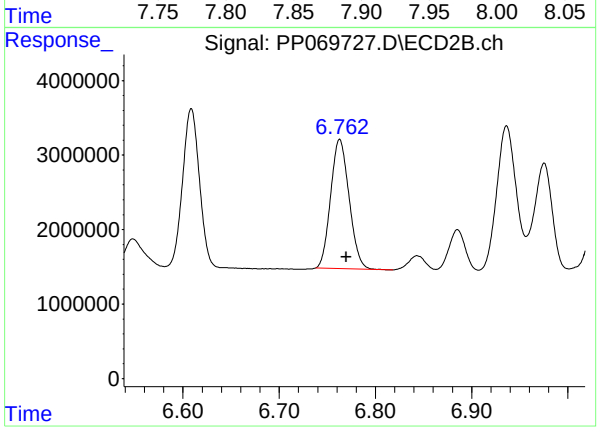
#32 AR-1260-2

R.T.: 6.609 min
Delta R.T.: -0.006 min
Response: 26021246
Conc: 424.46 ng/ml



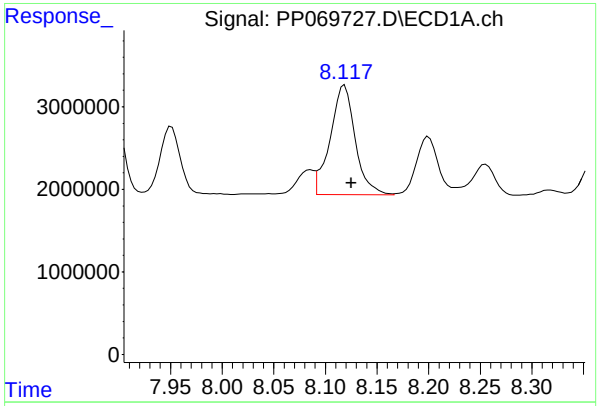
#33 AR-1260-3

R.T.: 7.894 min
Delta R.T.: -0.007 min
Response: 20845755
Conc: 333.43 ng/ml



#33 AR-1260-3

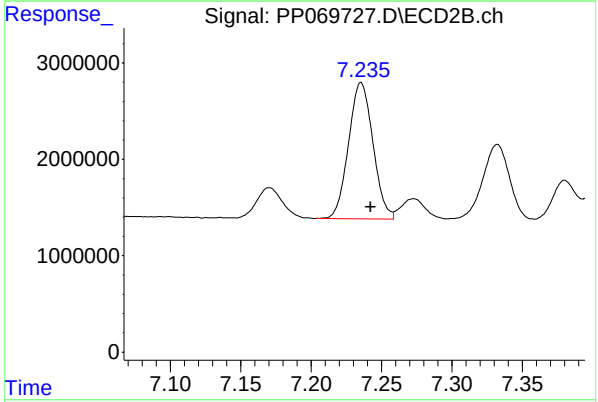
R.T.: 6.763 min
Delta R.T.: -0.007 min
Response: 23159400
Conc: 384.99 ng/ml



#34 AR-1260-4

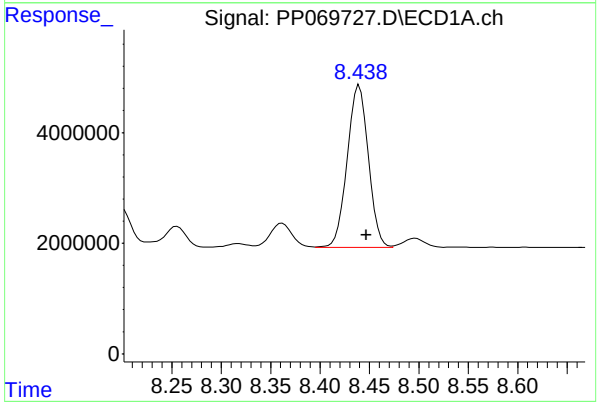
R.T.: 8.119 min
Delta R.T.: -0.007 min
Response: 22473529
Conc: 340.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166696BS



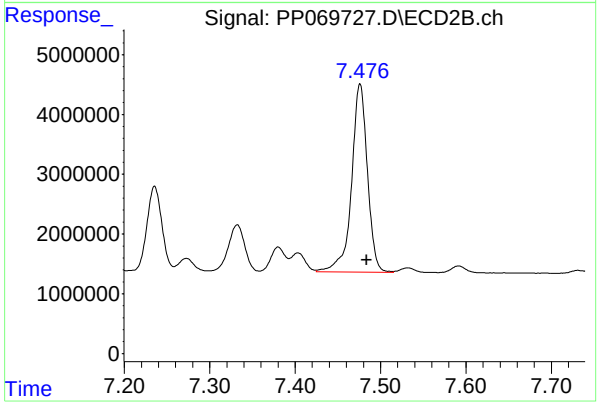
#34 AR-1260-4

R.T.: 7.235 min
Delta R.T.: -0.007 min
Response: 17056910
Conc: 367.07 ng/ml



#35 AR-1260-5

R.T.: 8.440 min
Delta R.T.: -0.007 min
Response: 43653274
Conc: 333.42 ng/ml



#35 AR-1260-5

R.T.: 7.476 min
Delta R.T.: -0.008 min
Response: 40706294
Conc: 366.24 ng/ml

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

Report of Analysis

Client:	Weston Solutions	Date Collected:	02/11/25
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	02/11/25
Client Sample ID:	SOIL-PILEMS	SDG No.:	Q1352
Lab Sample ID:	Q1356-03MS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	85.8 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069682.D	1	02/12/25 08:30	02/12/25 15:06	PB166696

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	298		3.90	9.70	19.8	ug/kg
11104-28-2	Aroclor-1221	15.1	U	7.50	15.1	19.8	ug/kg
11141-16-5	Aroclor-1232	15.1	U	4.00	15.1	19.8	ug/kg
53469-21-9	Aroclor-1242	9.70	U	3.90	9.70	19.8	ug/kg
12672-29-6	Aroclor-1248	262		9.20	15.1	19.8	ug/kg
11097-69-1	Aroclor-1254	15.1	U	3.20	15.1	19.8	ug/kg
37324-23-5	Aroclor-1262	9.70	U	5.30	9.70	19.8	ug/kg
11100-14-4	Aroclor-1268	15.1	U	4.00	15.1	19.8	ug/kg
11096-82-5	Aroclor-1260	413	EP	3.40	9.70	19.8	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	23.1		44 - 130		115%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.4		60 - 125		92%	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\PP021225\
Data File : PP069682.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Feb 2025 15:06
Operator : YP\AJ
Sample : Q1356-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 12 22:25:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.535	3.836	33044445	20358552	23.084	22.810
2)	SA Decachlor...	10.265	8.895	20151372	19489212	18.438	17.425
	Target Compounds						
3)	L1 AR-1016-1	5.688	4.927	26320998	17643370	568.083	540.958
4)	L1 AR-1016-2	5.709	4.946	44795247	28667714	659.945	637.649
5)	L1 AR-1016-3	5.772	5.123	22620229	16042918	531.034	644.709
6)	L1 AR-1016-4	5.868	5.164	26038369	22200169	743.943	1099.221 #
7)	L1 AR-1016-5	6.162	5.380	29707545	24657261	898.634	919.227
21)	L5 AR-1248-1	5.688	4.927	26320998	17643370	811.398	801.586
22)	L5 AR-1248-2	5.959	5.164	31348612	22200169	738.546	738.416
23)	L5 AR-1248-3	6.162	5.207	29707545	19712222	632.248	636.200
24)	L5 AR-1248-4	6.558	5.380	16521702	24657261	299.734	667.428 #
25)	L5 AR-1248-5	6.600	5.775	32603930	20009209	610.746	535.157
31)	L7 AR-1260-1	7.279	6.418	36259569	37101680	620.498m	769.273
32)	L7 AR-1260-2	7.520	6.606	246.6E6	43487155	3168.655	709.373m#
33)	L7 AR-1260-3	7.893	6.759	28467511	40341431	455.340	670.609m#
34)	L7 AR-1260-4	8.116	7.233	39778864	22503792	602.922	484.289
35)	L7 AR-1260-5	8.438	7.473	61521652	57893096	469.897	520.879

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

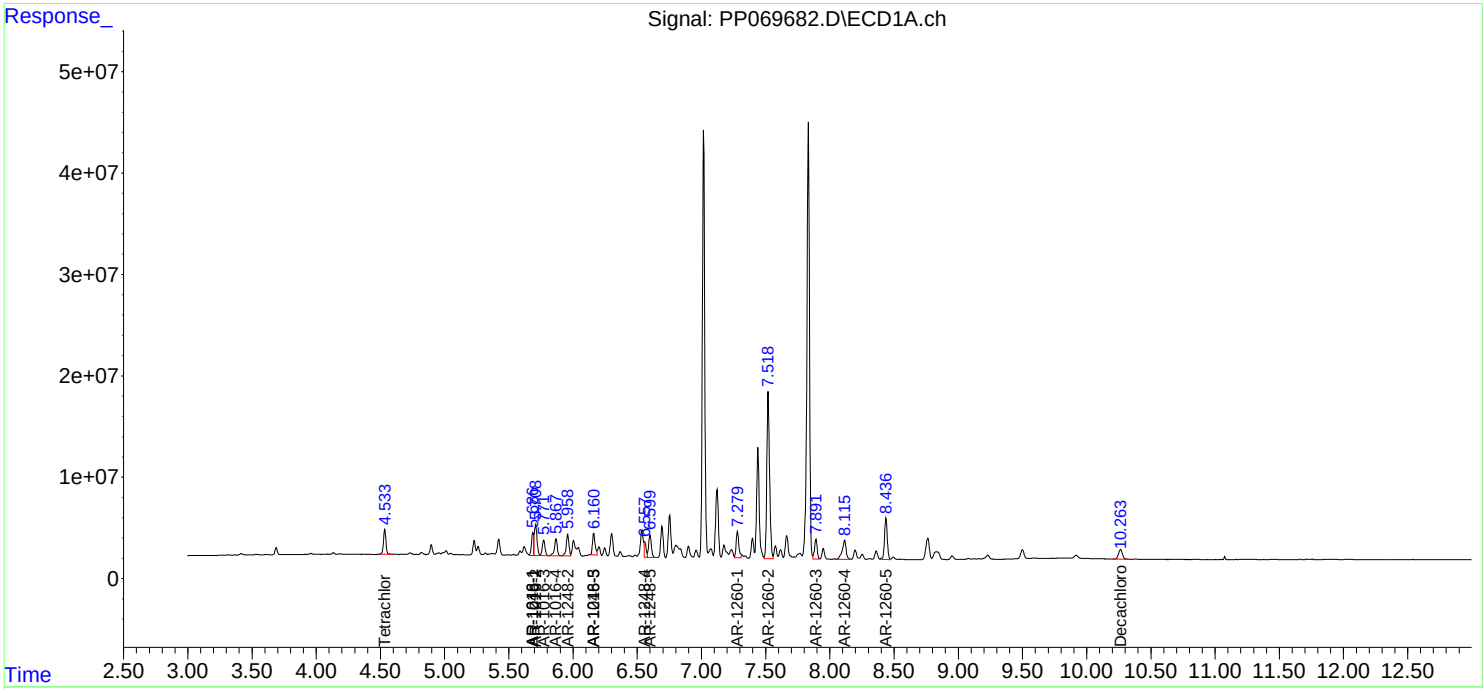
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021225\
Data File : PP069682.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Feb 2025 15:06
Operator : YP\AJ
Sample : Q1356-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

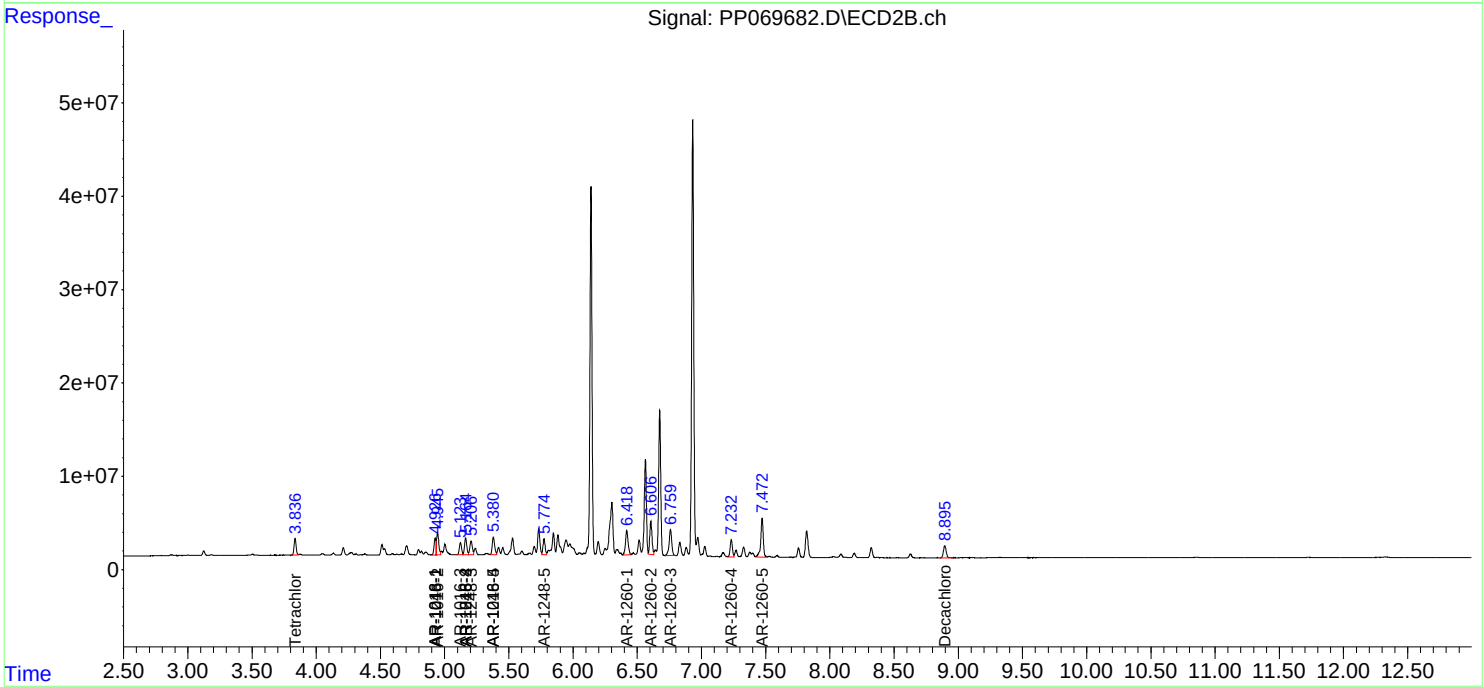
Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMS

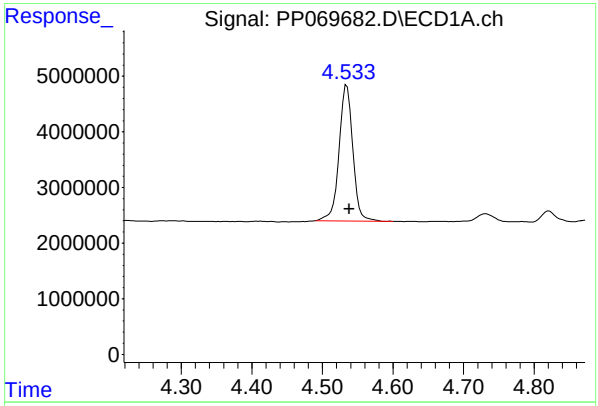
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 12 22:25:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







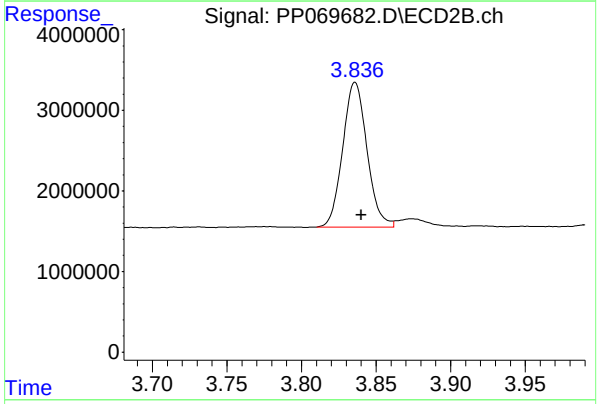
#1 Tetrachloro-m-xylene

R.T.: 4.535 min
Delta R.T.: -0.003 min
Response: 33044445
Conc: 23.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMS

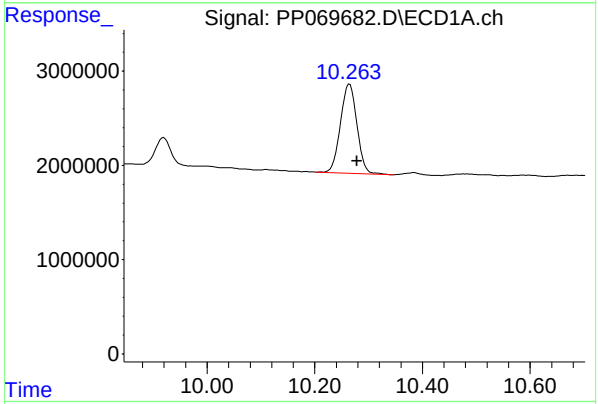
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025



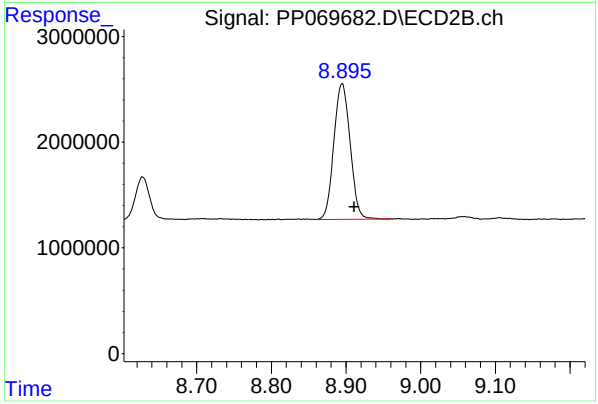
#1 Tetrachloro-m-xylene

R.T.: 3.836 min
Delta R.T.: -0.004 min
Response: 20358552
Conc: 22.81 ng/ml



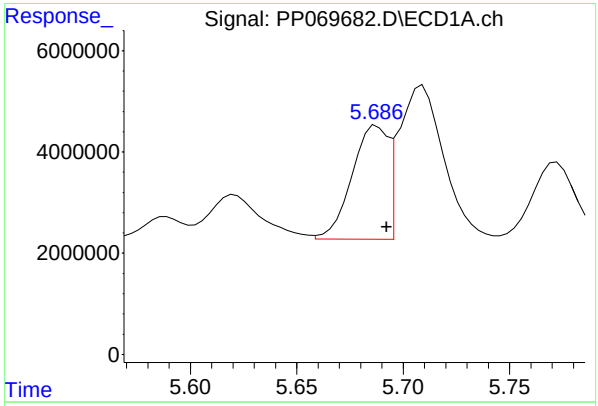
#2 Decachlorobiphenyl

R.T.: 10.265 min
Delta R.T.: -0.014 min
Response: 20151372
Conc: 18.44 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.895 min
Delta R.T.: -0.016 min
Response: 19489212
Conc: 17.42 ng/ml



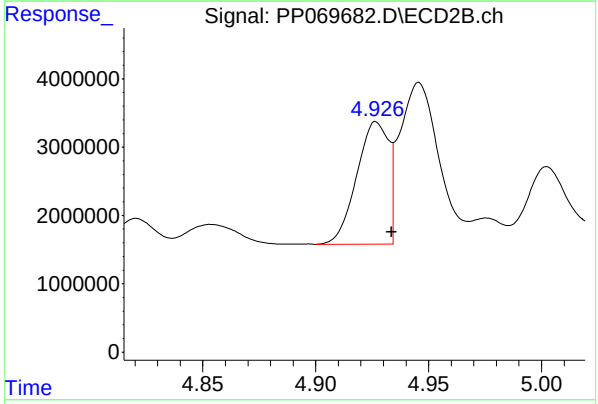
#3 AR-1016-1

R.T.: 5.688 min
Delta R.T.: -0.004 min
Response: 26320998
Conc: 568.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMS

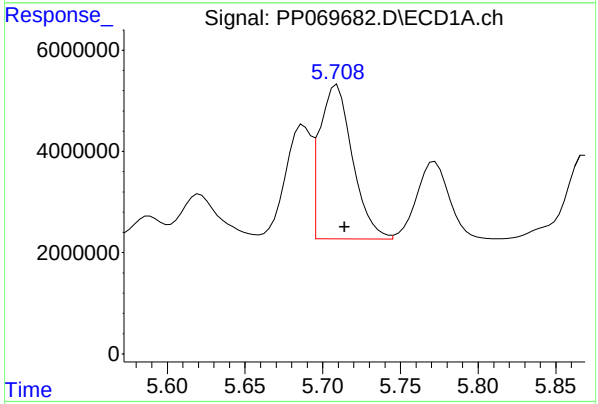
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025



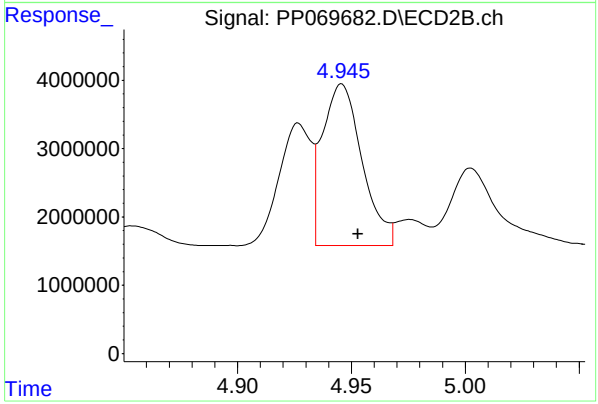
#3 AR-1016-1

R.T.: 4.927 min
Delta R.T.: -0.007 min
Response: 17643370
Conc: 540.96 ng/ml



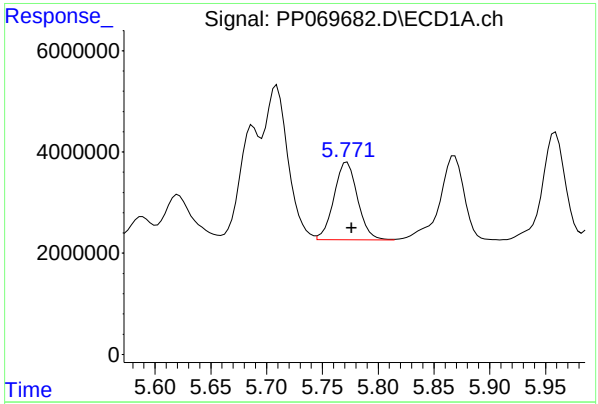
#4 AR-1016-2

R.T.: 5.709 min
Delta R.T.: -0.005 min
Response: 44795247
Conc: 659.95 ng/ml



#4 AR-1016-2

R.T.: 4.946 min
Delta R.T.: -0.007 min
Response: 28667714
Conc: 637.65 ng/ml



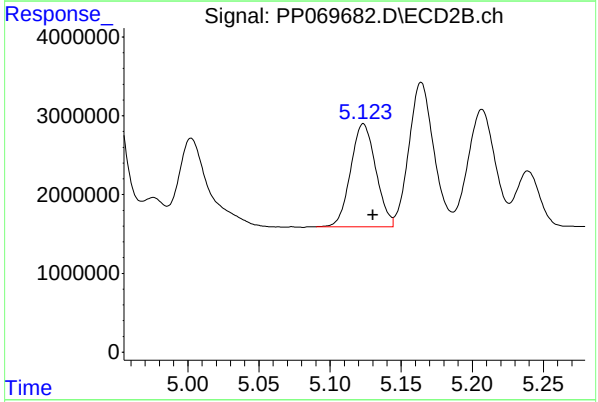
#5 AR-1016-3

R.T.: 5.772 min
Delta R.T.: -0.004 min
Response: 22620229
Conc: 531.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMS

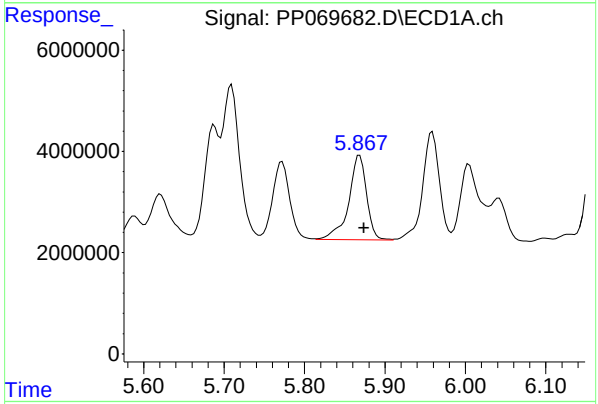
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025



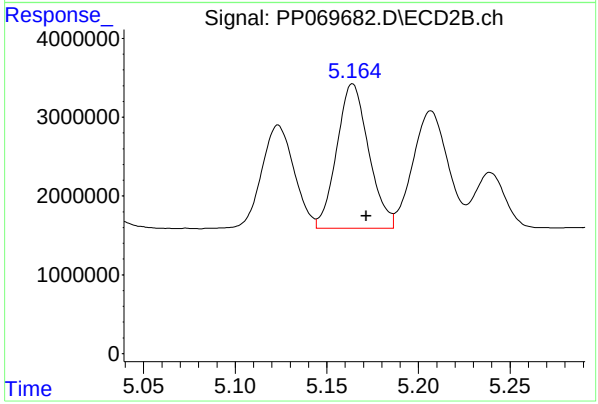
#5 AR-1016-3

R.T.: 5.123 min
Delta R.T.: -0.007 min
Response: 16042918
Conc: 644.71 ng/ml



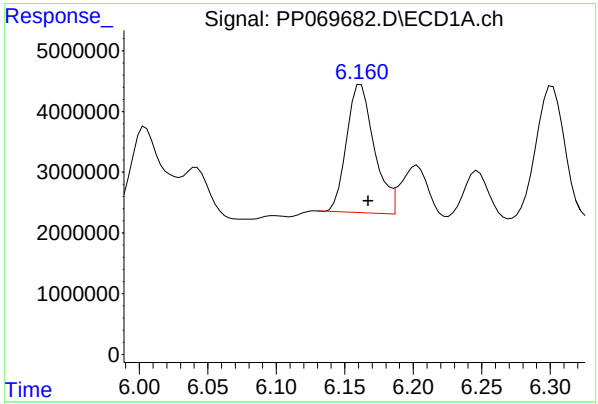
#6 AR-1016-4

R.T.: 5.868 min
Delta R.T.: -0.005 min
Response: 26038369
Conc: 743.94 ng/ml



#6 AR-1016-4

R.T.: 5.164 min
Delta R.T.: -0.007 min
Response: 22200169
Conc: 1099.22 ng/ml



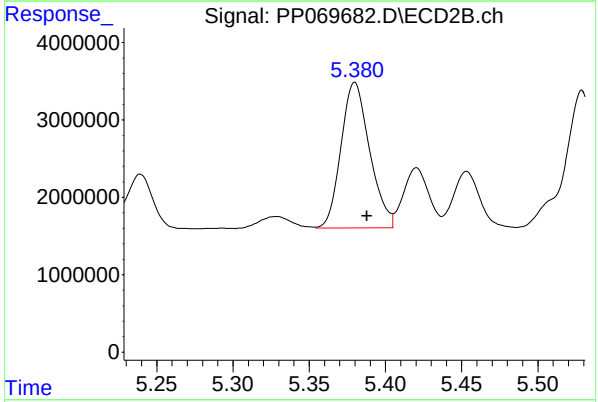
#7 AR-1016-5

R.T.: 6.162 min
Delta R.T.: -0.005 min
Response: 29707545
Conc: 898.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMS

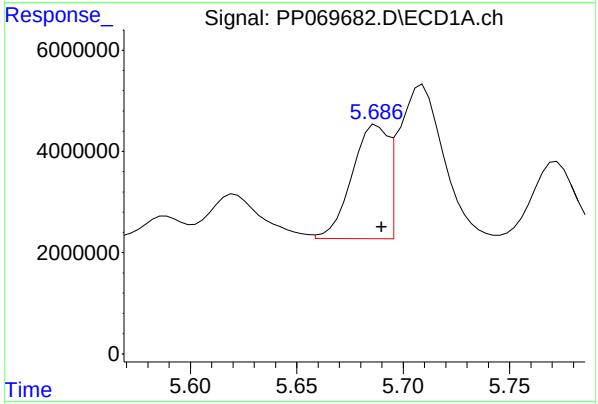
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025



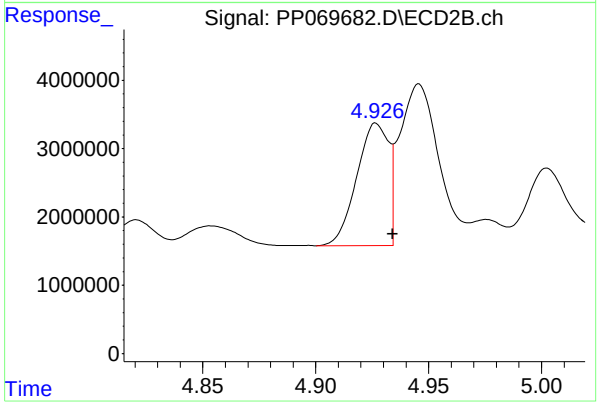
#7 AR-1016-5

R.T.: 5.380 min
Delta R.T.: -0.008 min
Response: 24657261
Conc: 919.23 ng/ml



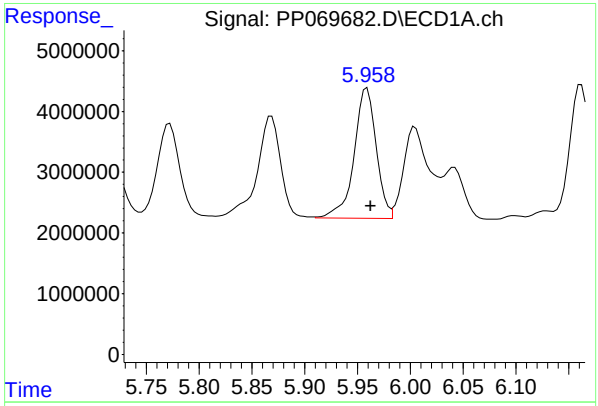
#21 AR-1248-1

R.T.: 5.688 min
Delta R.T.: -0.002 min
Response: 26320998
Conc: 811.40 ng/ml



#21 AR-1248-1

R.T.: 4.927 min
Delta R.T.: -0.007 min
Response: 17643370
Conc: 801.59 ng/ml



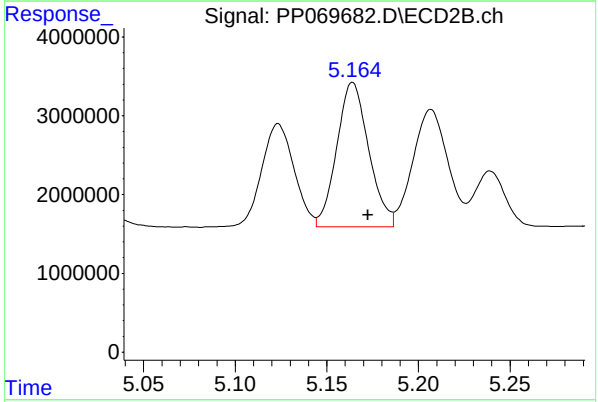
#22 AR-1248-2

R.T.: 5.959 min
Delta R.T.: -0.004 min
Response: 31348612
Conc: 738.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMS

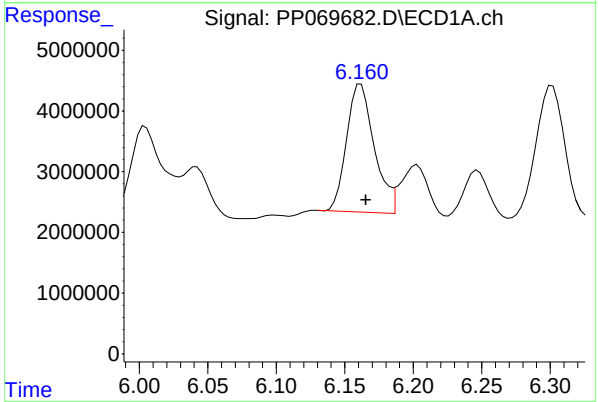
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025



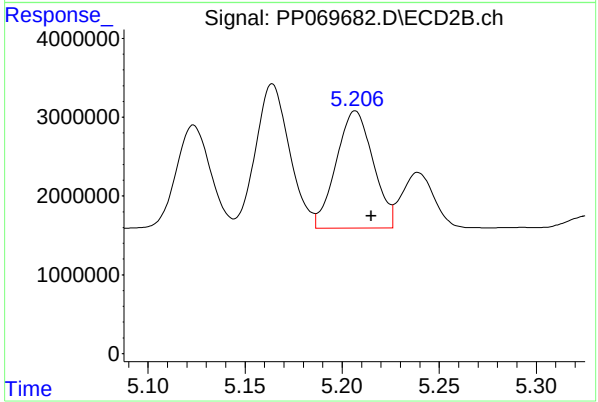
#22 AR-1248-2

R.T.: 5.164 min
Delta R.T.: -0.008 min
Response: 22200169
Conc: 738.42 ng/ml



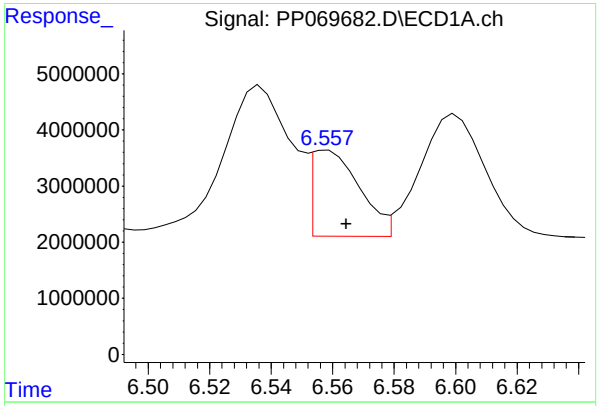
#23 AR-1248-3

R.T.: 6.162 min
Delta R.T.: -0.004 min
Response: 29707545
Conc: 632.25 ng/ml



#23 AR-1248-3

R.T.: 5.207 min
Delta R.T.: -0.008 min
Response: 19712222
Conc: 636.20 ng/ml



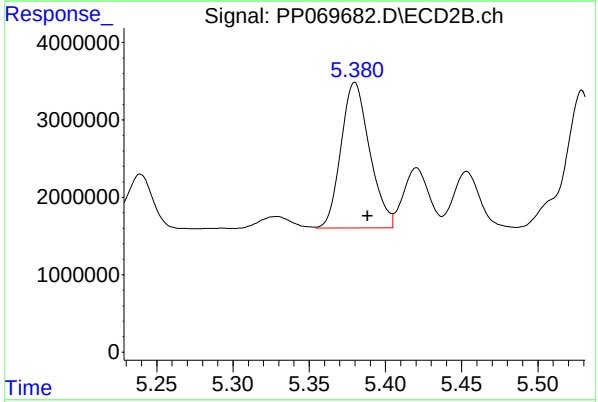
#24 AR-1248-4

R.T.: 6.558 min
Delta R.T.: -0.006 min
Response: 16521702
Conc: 299.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMS

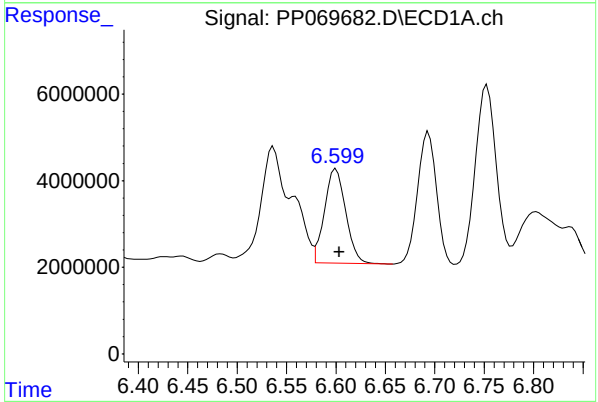
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025



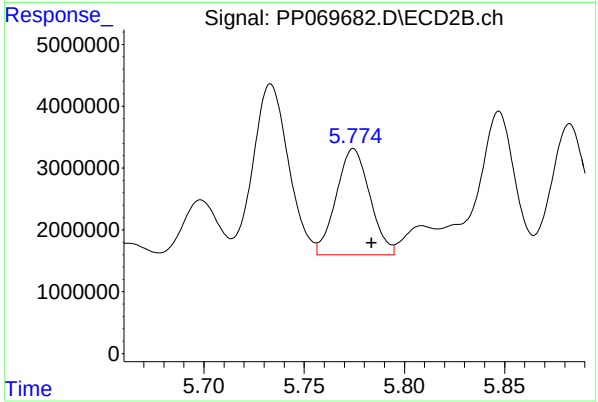
#24 AR-1248-4

R.T.: 5.380 min
Delta R.T.: -0.008 min
Response: 24657261
Conc: 667.43 ng/ml



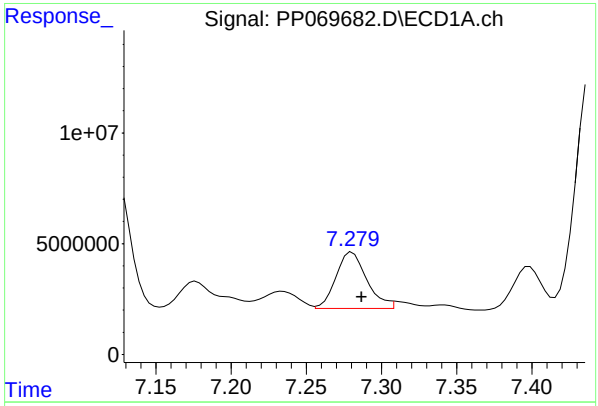
#25 AR-1248-5

R.T.: 6.600 min
Delta R.T.: -0.004 min
Response: 32603930
Conc: 610.75 ng/ml



#25 AR-1248-5

R.T.: 5.775 min
Delta R.T.: -0.009 min
Response: 20009209
Conc: 535.16 ng/ml



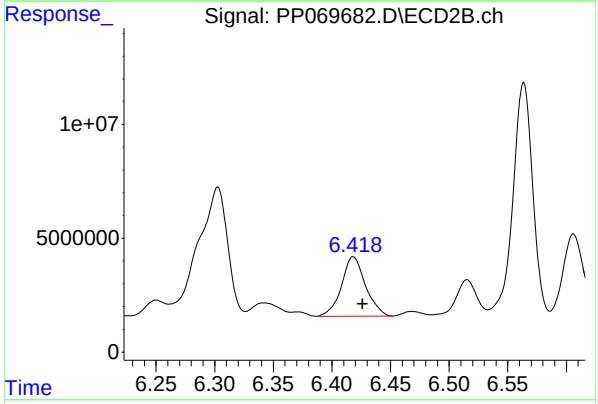
#31 AR-1260-1

R.T.: 7.279 min
Delta R.T.: -0.008 min
Response: 36259569
Conc: 620.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMS

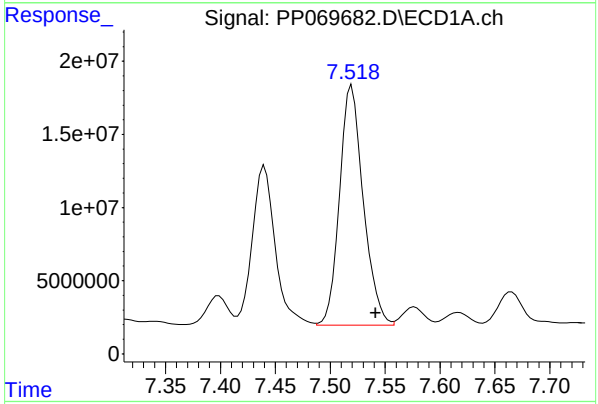
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025



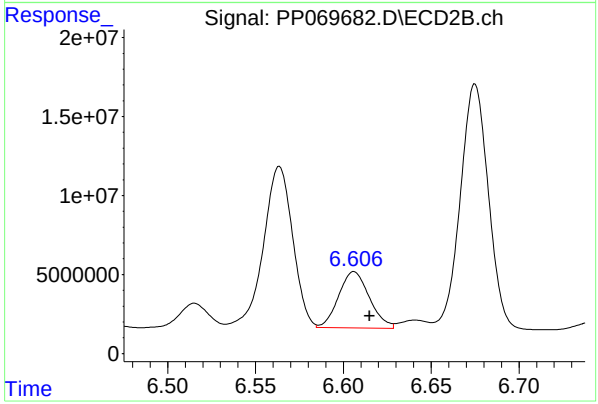
#31 AR-1260-1

R.T.: 6.418 min
Delta R.T.: -0.008 min
Response: 37101680
Conc: 769.27 ng/ml



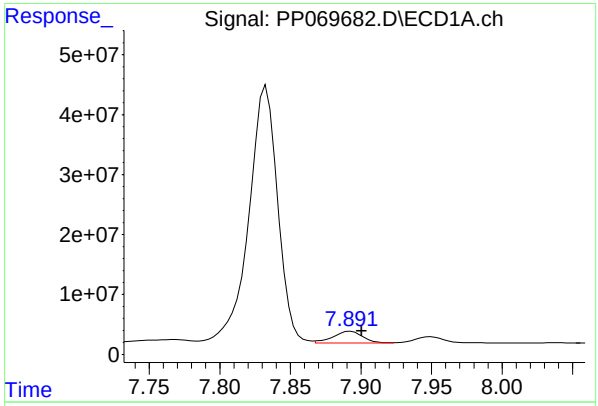
#32 AR-1260-2

R.T.: 7.520 min
Delta R.T.: -0.022 min
Response: 246562259
Conc: 3168.66 ng/ml



#32 AR-1260-2

R.T.: 6.606 min
Delta R.T.: -0.009 min
Response: 43487155
Conc: 709.37 ng/ml m



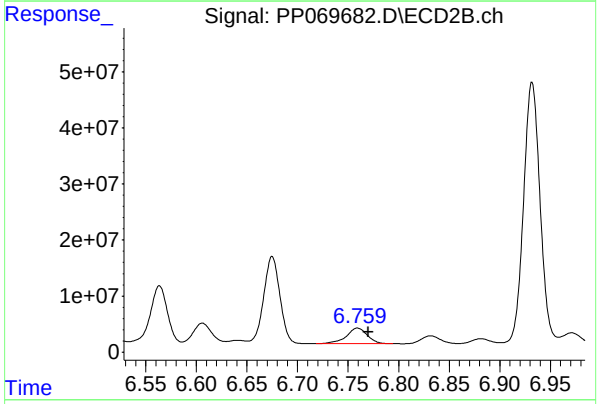
#33 AR-1260-3

R.T.: 7.893 min
Delta R.T.: -0.008 mi
Response: 28467511
Conc: 455.34 ng/m

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMS

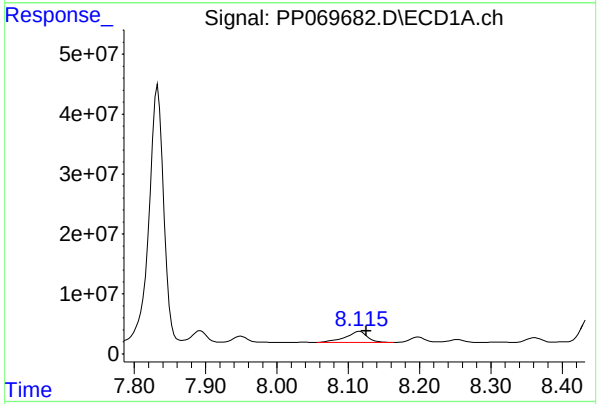
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025



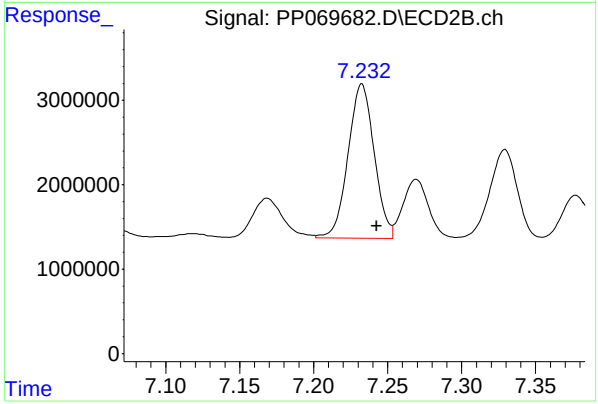
#33 AR-1260-3

R.T.: 6.759 min
Delta R.T.: -0.011 min
Response: 40341431
Conc: 670.61 ng/ml m



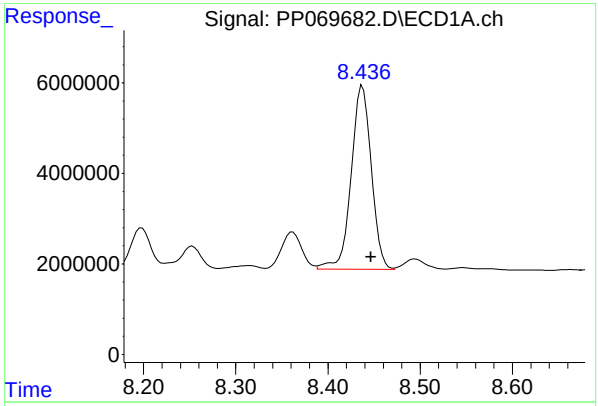
#34 AR-1260-4

R.T.: 8.116 min
Delta R.T.: -0.009 min
Response: 39778864
Conc: 602.92 ng/ml



#34 AR-1260-4

R.T.: 7.233 min
Delta R.T.: -0.010 min
Response: 22503792
Conc: 484.29 ng/ml



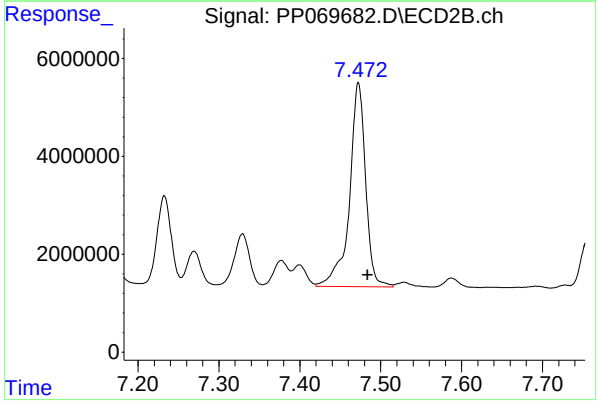
#35 AR-1260-5

R.T.: 8.438 min
Delta R.T.: -0.009 min
Response: 61521652
Conc: 469.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025



#35 AR-1260-5

R.T.: 7.473 min
Delta R.T.: -0.011 min
Response: 57893096
Conc: 520.88 ng/ml

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

Report of Analysis

Client:	Weston Solutions	Date Collected:	02/11/25
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	02/11/25
Client Sample ID:	SOIL-PILEMSD	SDG No.:	Q1352
Lab Sample ID:	Q1356-03MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	85.8 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069683.D	1	02/12/25 08:30	02/12/25 15:22	PB166696

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	297		3.90	9.70	19.8	ug/kg
11104-28-2	Aroclor-1221	15.1	U	7.50	15.1	19.8	ug/kg
11141-16-5	Aroclor-1232	15.1	U	4.00	15.1	19.8	ug/kg
53469-21-9	Aroclor-1242	9.70	U	3.90	9.70	19.8	ug/kg
12672-29-6	Aroclor-1248	260		9.20	15.1	19.8	ug/kg
11097-69-1	Aroclor-1254	15.1	U	3.20	15.1	19.8	ug/kg
37324-23-5	Aroclor-1262	9.70	U	5.30	9.70	19.8	ug/kg
11100-14-4	Aroclor-1268	15.1	U	4.00	15.1	19.8	ug/kg
11096-82-5	Aroclor-1260	414	EP	3.40	9.70	19.8	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	22.9		44 - 130		115%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.9		60 - 125		95%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021225\
Data File : PP069683.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Feb 2025 15:22
Operator : YP\AJ
Sample : Q1356-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 12 22:26:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.530	3.837	32785521	20199923	22.903	22.632
2)	SA Decachlor...	10.259	8.896	20657165	19730849	18.901	17.641
	Target Compounds						
3)	L1 AR-1016-1	5.683	4.927	26190415	17415015	565.265	533.957
4)	L1 AR-1016-2	5.704	4.946	44935606	28946324	662.013	643.847
5)	L1 AR-1016-3	5.767	5.124	22996404	16049359	539.865	644.967
6)	L1 AR-1016-4	5.864	5.165	26449671	22074764	755.695	1093.012 #
7)	L1 AR-1016-5	6.157	5.380	29453750	24493402	890.957	913.119
21)	L5 AR-1248-1	5.683	4.927	26190415	17415015	807.373	791.212
22)	L5 AR-1248-2	5.954	5.165	31188201	22074764	734.767	734.245
23)	L5 AR-1248-3	6.157	5.207	29453750	19659503	626.847	634.499
24)	L5 AR-1248-4	6.553	5.380	16102664	24493402	292.131	662.993 #
25)	L5 AR-1248-5	6.596	5.775	32369244	19845382	606.350	530.776
31)	L7 AR-1260-1	7.276	6.418	42857182	36427233	733.400	755.289
32)	L7 AR-1260-2	7.515	6.606	239.7E6	45343639	3080.536	739.656m#
33)	L7 AR-1260-3	7.887	6.759	28346620	42853916	453.406	712.375m#
34)	L7 AR-1260-4	8.112	7.233	39502241	22762322	598.730	489.852
35)	L7 AR-1260-5	8.434	7.473	61441759	58904368	469.286	529.977

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021225\
Data File : PP069683.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Feb 2025 15:22
Operator : YP\AJ
Sample : Q1356-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

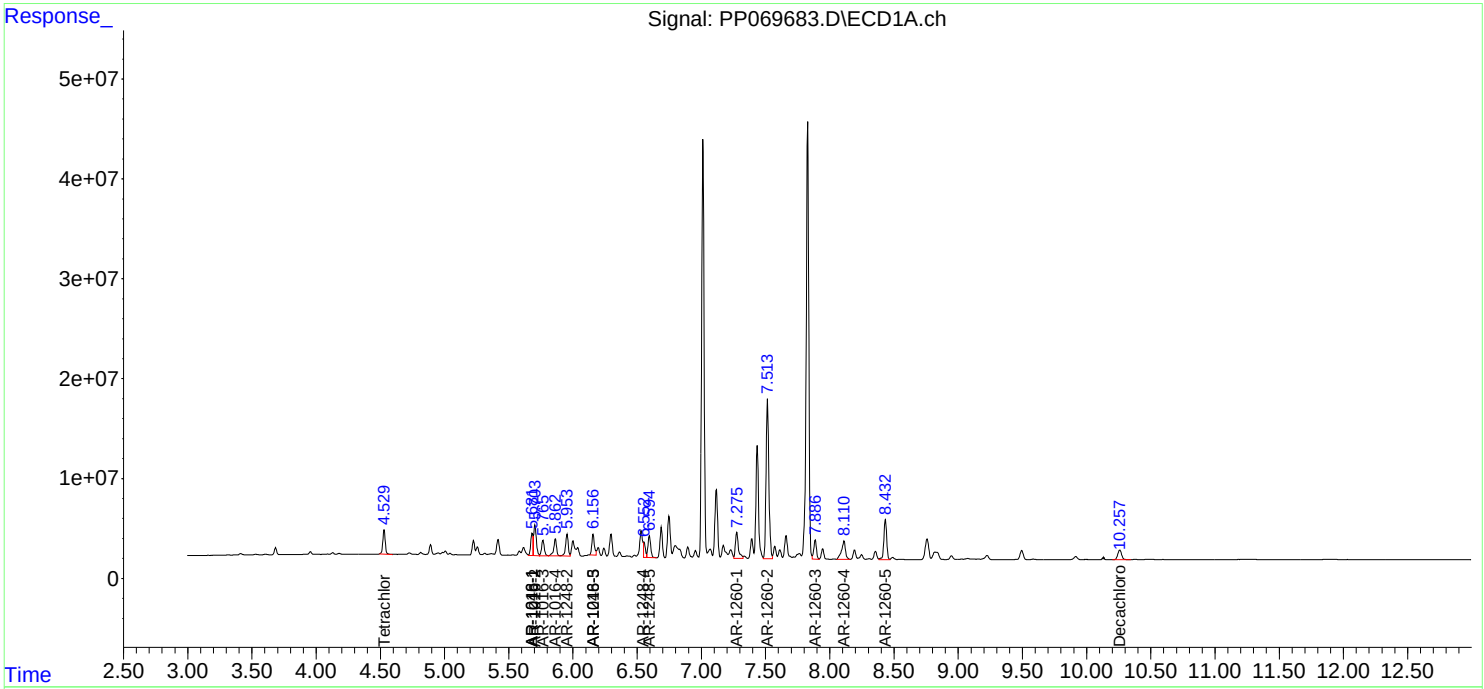
Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMSD

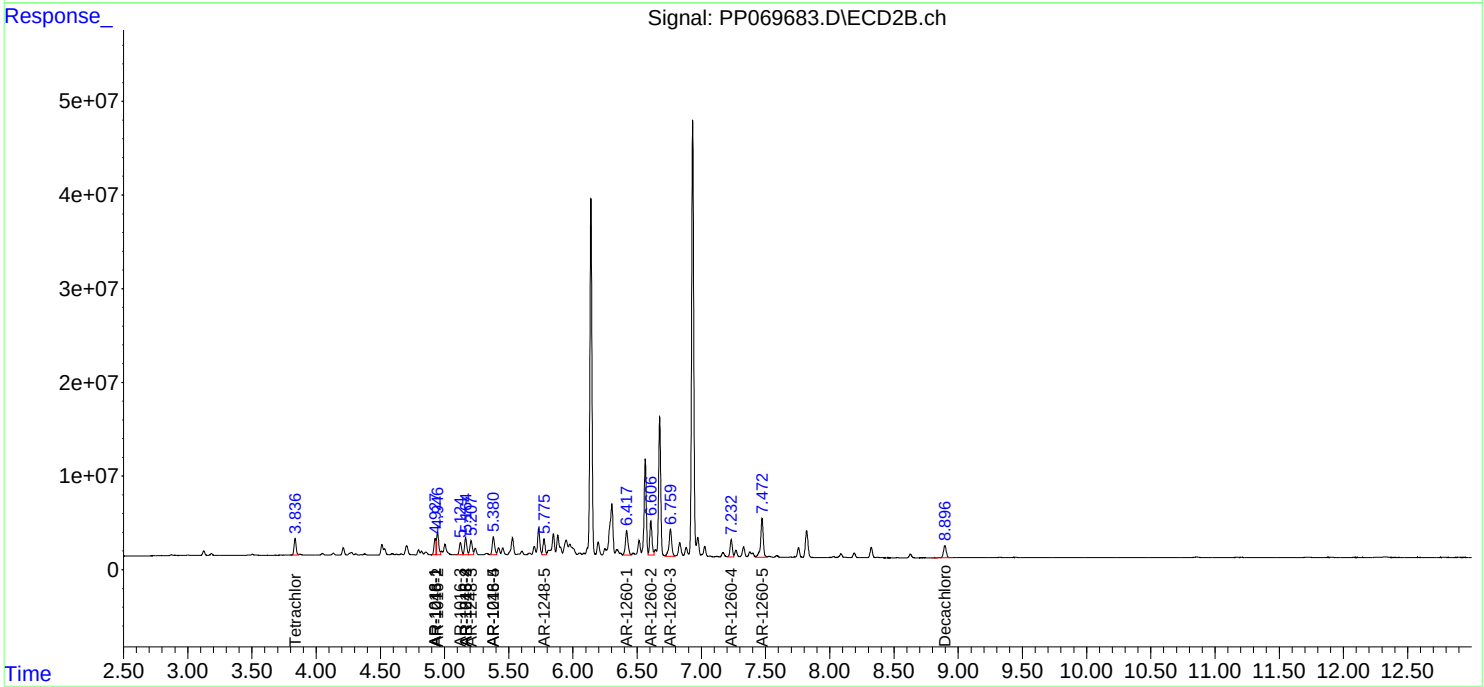
Manual Integrations APPROVED

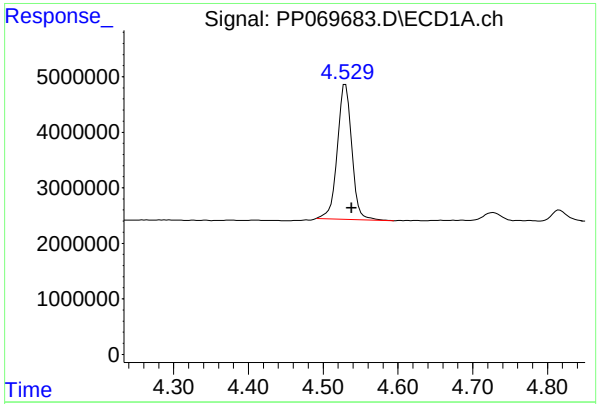
Reviewed By :Yogesh Patel 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 12 22:26:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







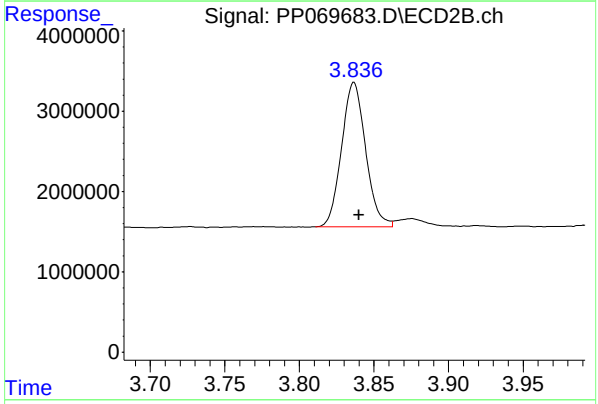
#1 Tetrachloro-m-xylene

R.T.: 4.530 min
Delta R.T.: -0.008 min
Response: 32785521
Conc: 22.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMSD

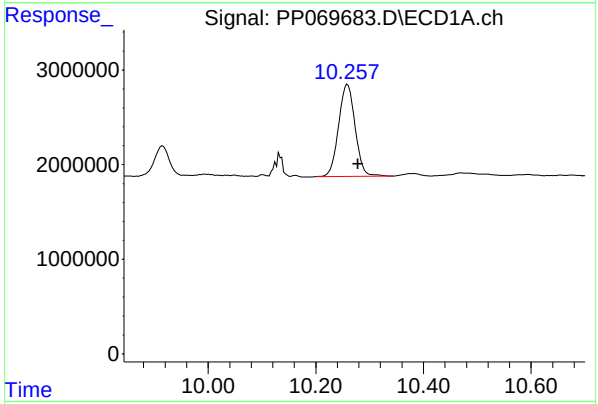
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025



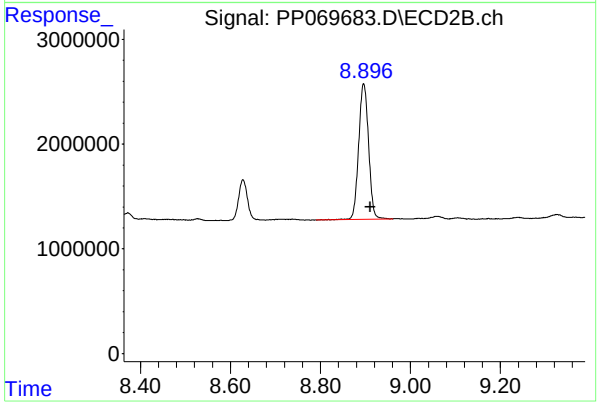
#1 Tetrachloro-m-xylene

R.T.: 3.837 min
Delta R.T.: -0.003 min
Response: 20199923
Conc: 22.63 ng/ml



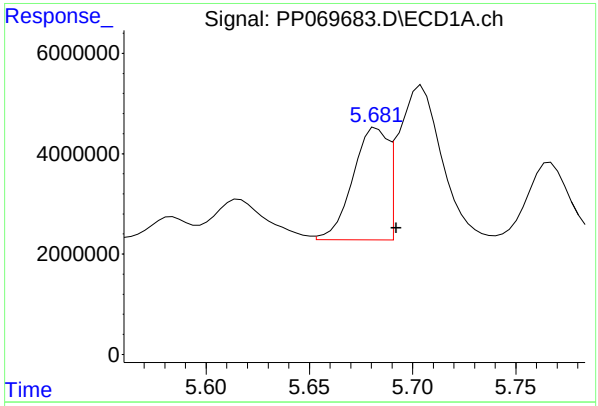
#2 Decachlorobiphenyl

R.T.: 10.259 min
Delta R.T.: -0.020 min
Response: 20657165
Conc: 18.90 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.896 min
Delta R.T.: -0.015 min
Response: 19730849
Conc: 17.64 ng/ml



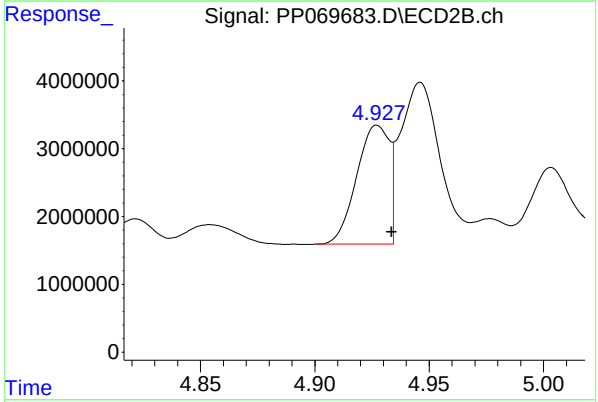
#3 AR-1016-1

R.T.: 5.683 min
Delta R.T.: -0.009 min
Response: 26190415
Conc: 565.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMSD

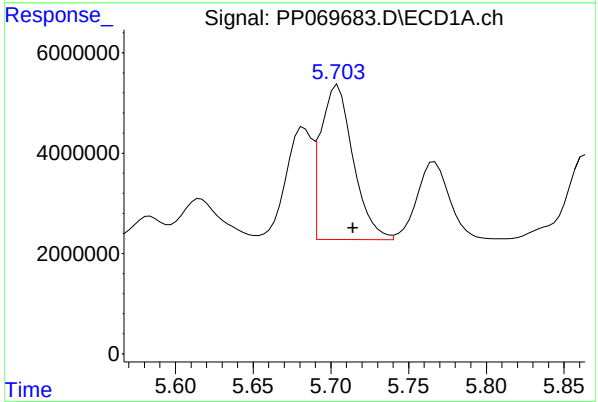
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025



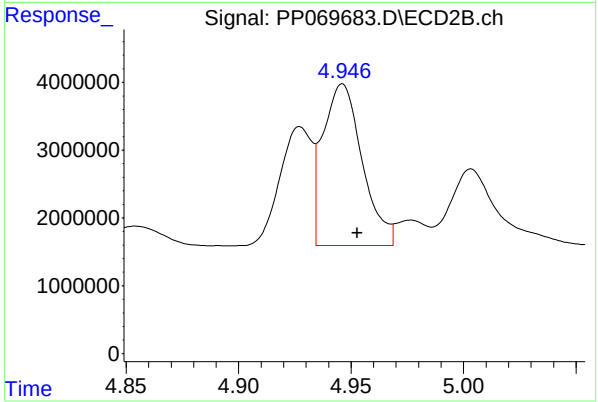
#3 AR-1016-1

R.T.: 4.927 min
Delta R.T.: -0.006 min
Response: 17415015
Conc: 533.96 ng/ml



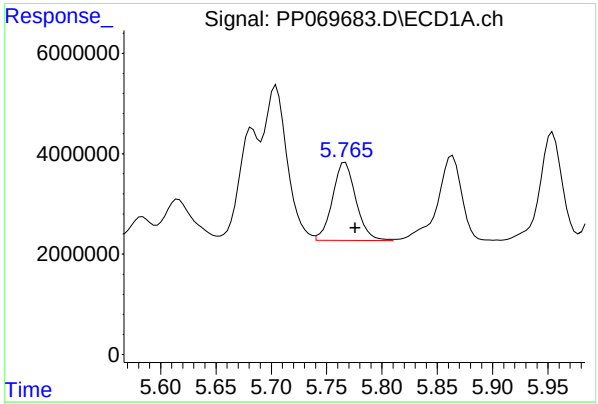
#4 AR-1016-2

R.T.: 5.704 min
Delta R.T.: -0.010 min
Response: 44935606
Conc: 662.01 ng/ml



#4 AR-1016-2

R.T.: 4.946 min
Delta R.T.: -0.007 min
Response: 28946324
Conc: 643.85 ng/ml



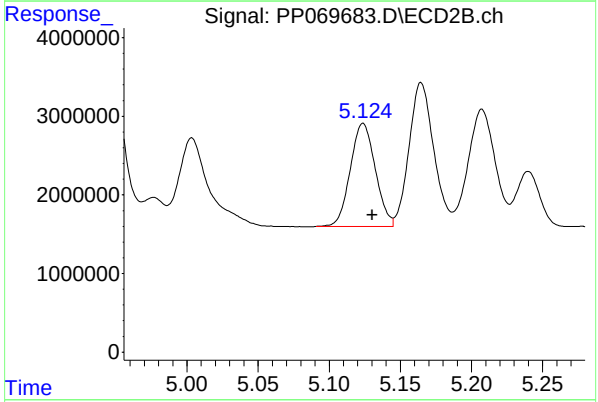
#5 AR-1016-3

R.T.: 5.767 min
Delta R.T.: -0.009 min
Response: 22996404
Conc: 539.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMSD

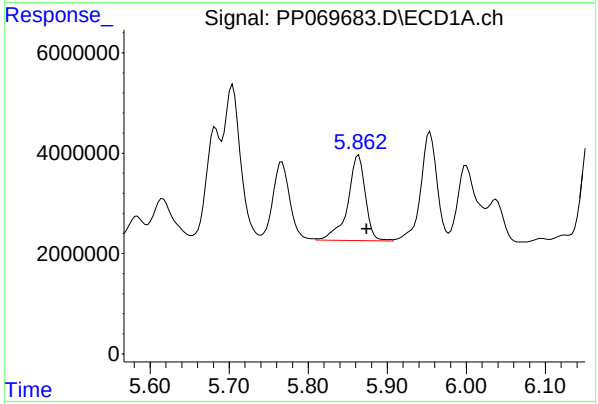
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025



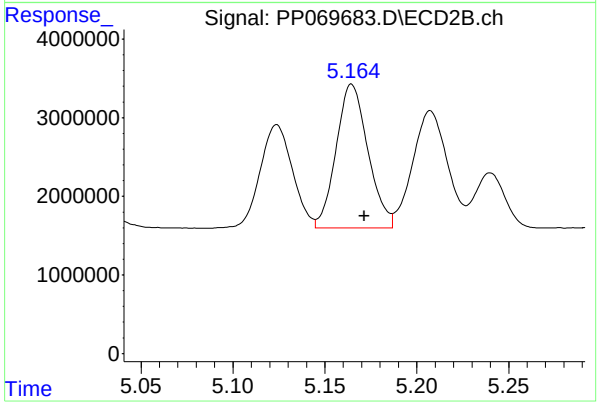
#5 AR-1016-3

R.T.: 5.124 min
Delta R.T.: -0.006 min
Response: 16049359
Conc: 644.97 ng/ml



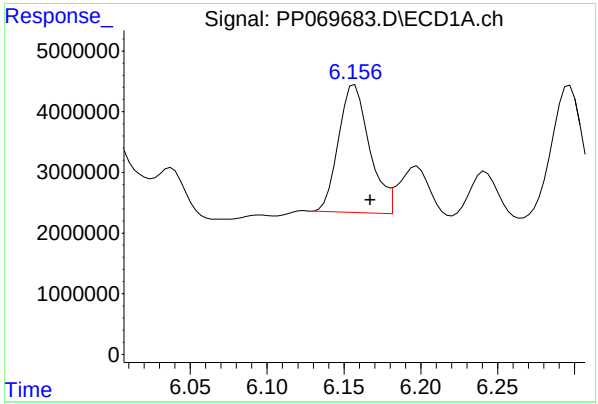
#6 AR-1016-4

R.T.: 5.864 min
Delta R.T.: -0.010 min
Response: 26449671
Conc: 755.69 ng/ml



#6 AR-1016-4

R.T.: 5.165 min
Delta R.T.: -0.007 min
Response: 22074764
Conc: 1093.01 ng/ml



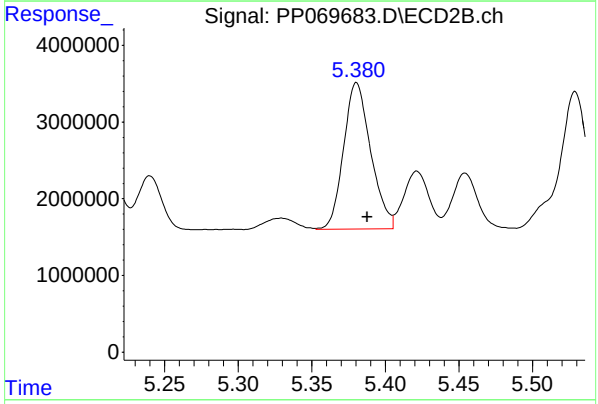
#7 AR-1016-5

R.T.: 6.157 min
Delta R.T.: -0.010 min
Response: 29453750
Conc: 890.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMSD

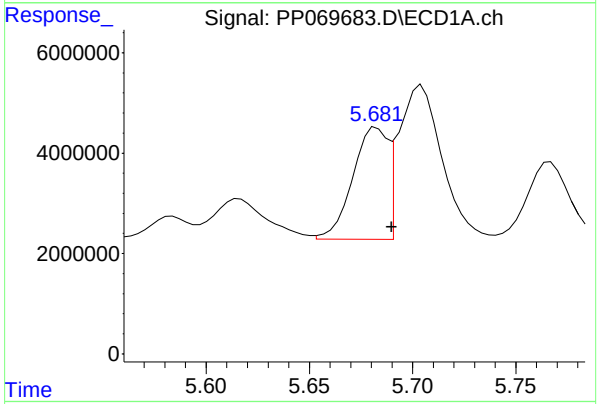
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025



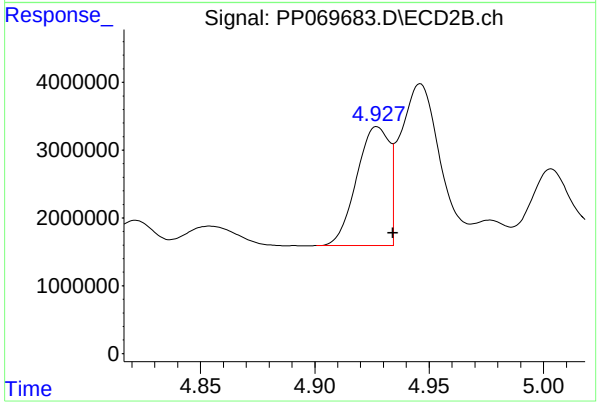
#7 AR-1016-5

R.T.: 5.380 min
Delta R.T.: -0.007 min
Response: 24493402
Conc: 913.12 ng/ml



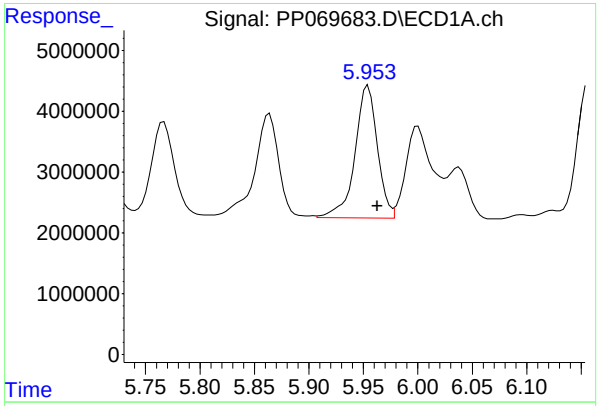
#21 AR-1248-1

R.T.: 5.683 min
Delta R.T.: -0.007 min
Response: 26190415
Conc: 807.37 ng/ml



#21 AR-1248-1

R.T.: 4.927 min
Delta R.T.: -0.007 min
Response: 17415015
Conc: 791.21 ng/ml



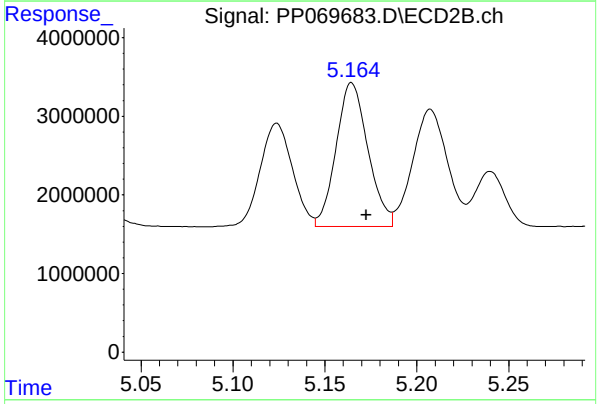
#22 AR-1248-2

R.T.: 5.954 min
Delta R.T.: -0.008 min
Response: 31188201
Conc: 734.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMSD

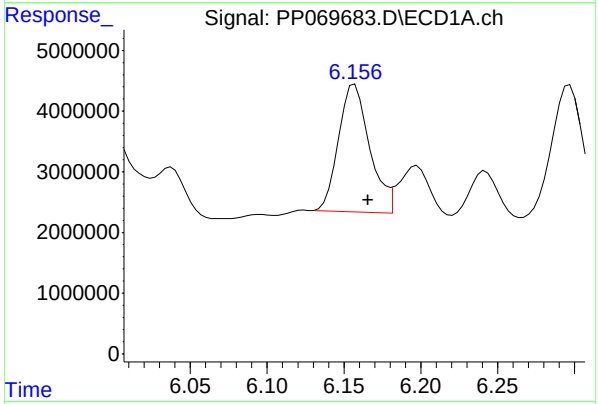
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025



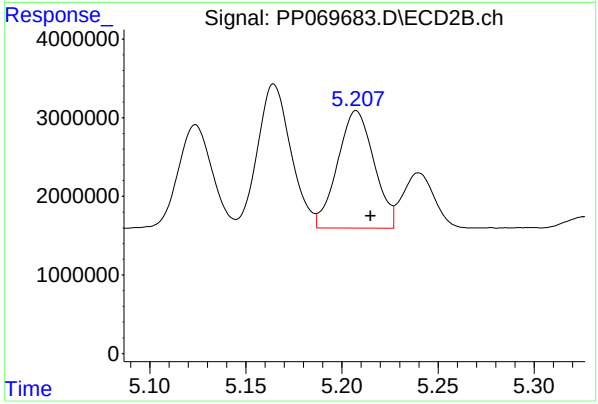
#22 AR-1248-2

R.T.: 5.165 min
Delta R.T.: -0.008 min
Response: 22074764
Conc: 734.24 ng/ml



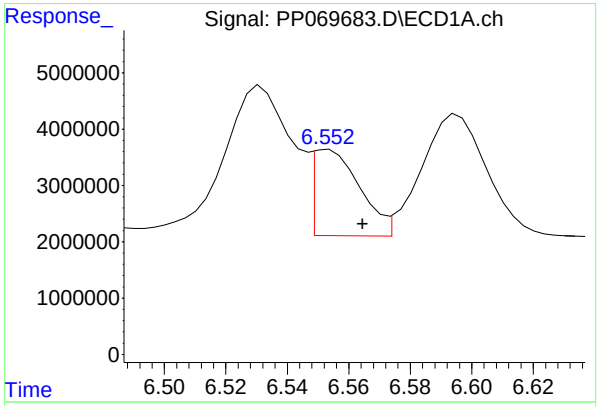
#23 AR-1248-3

R.T.: 6.157 min
Delta R.T.: -0.009 min
Response: 29453750
Conc: 626.85 ng/ml



#23 AR-1248-3

R.T.: 5.207 min
Delta R.T.: -0.008 min
Response: 19659503
Conc: 634.50 ng/ml



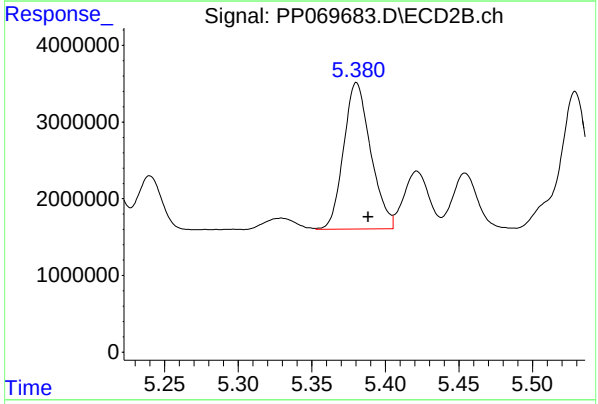
#24 AR-1248-4

R.T.: 6.553 min
Delta R.T.: -0.011 min
Response: 16102664
Conc: 292.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMSD

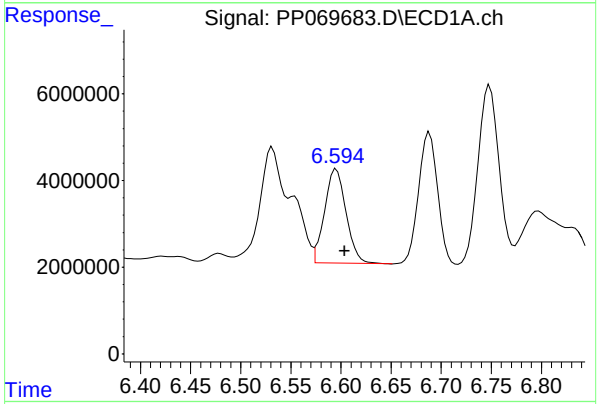
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025



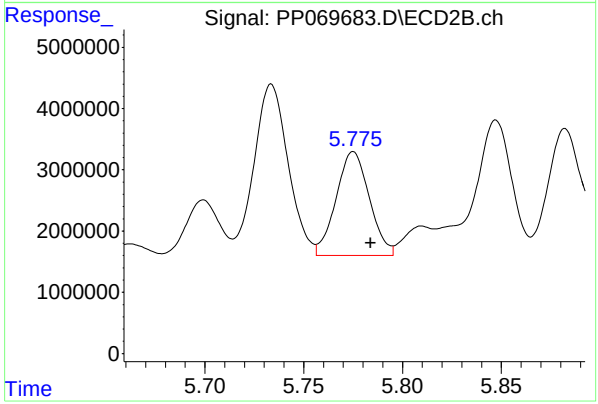
#24 AR-1248-4

R.T.: 5.380 min
Delta R.T.: -0.008 min
Response: 24493402
Conc: 662.99 ng/ml



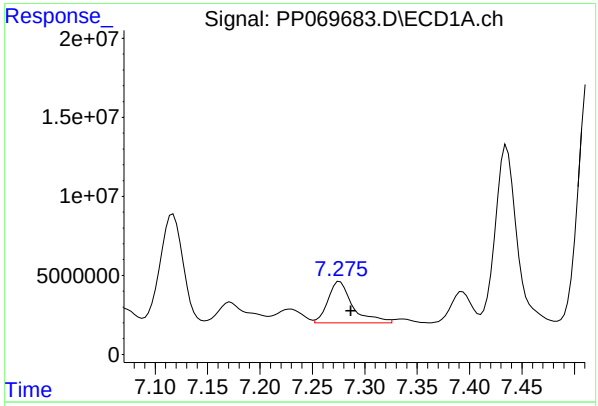
#25 AR-1248-5

R.T.: 6.596 min
Delta R.T.: -0.008 min
Response: 32369244
Conc: 606.35 ng/ml



#25 AR-1248-5

R.T.: 5.775 min
Delta R.T.: -0.009 min
Response: 19845382
Conc: 530.78 ng/ml



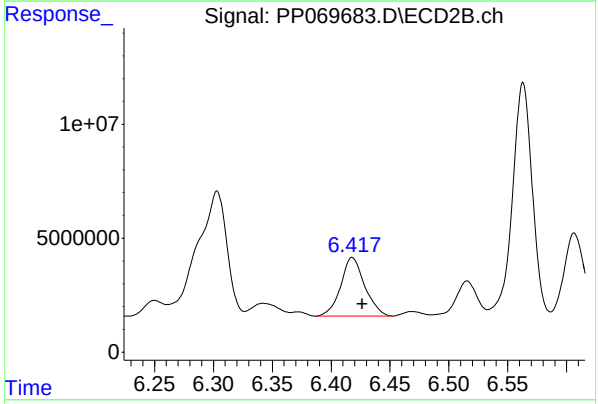
#31 AR-1260-1

R.T.: 7.276 min
Delta R.T.: -0.011 mi
Response: 42857182
Conc: 733.40 ng/m

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMSD

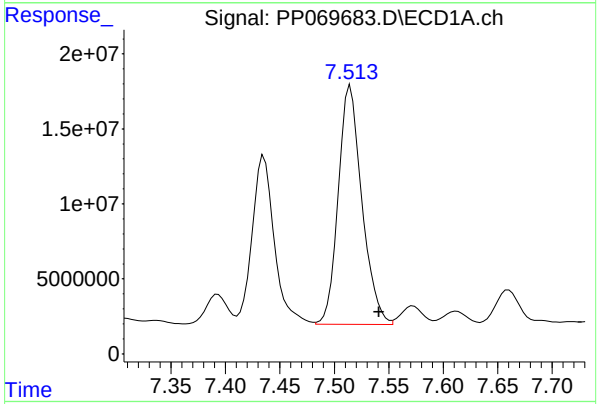
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025



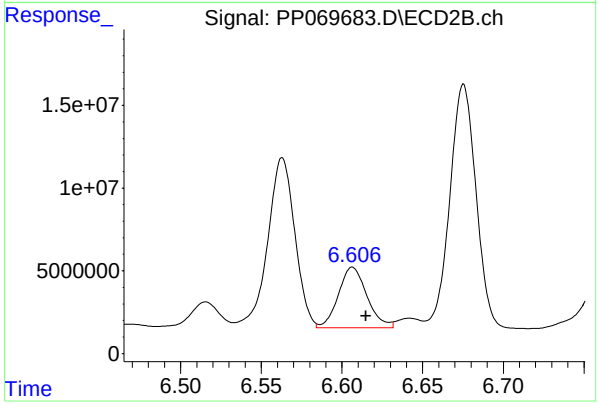
#31 AR-1260-1

R.T.: 6.418 min
Delta R.T.: -0.009 min
Response: 36427233
Conc: 755.29 ng/ml



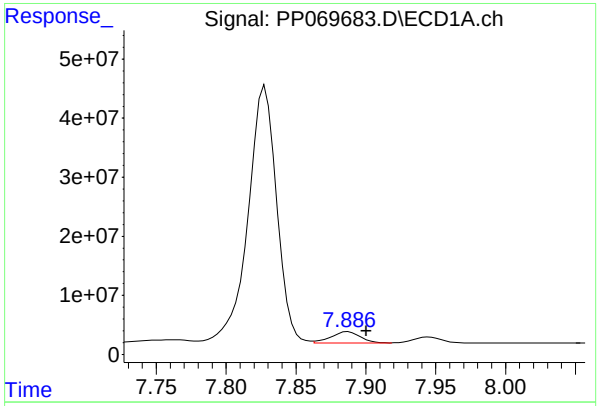
#32 AR-1260-2

R.T.: 7.515 min
Delta R.T.: -0.027 min
Response: 239705443
Conc: 3080.54 ng/ml



#32 AR-1260-2

R.T.: 6.606 min
Delta R.T.: -0.009 min
Response: 45343639
Conc: 739.66 ng/ml m



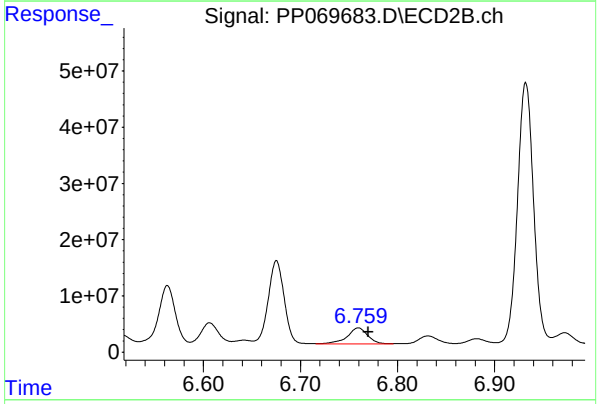
#33 AR-1260-3

R.T.: 7.887 min
Delta R.T.: -0.013 mi
Response: 28346620
Conc: 453.41 ng/m

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMSD

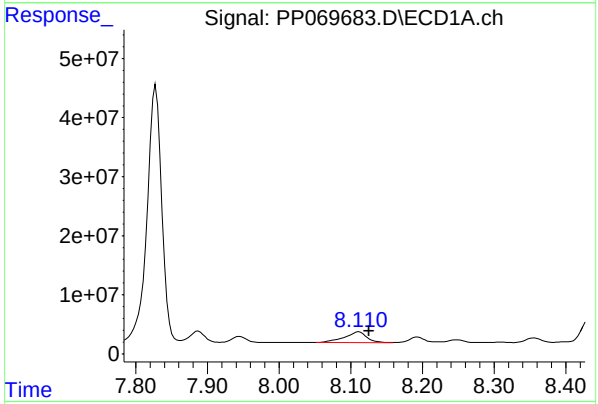
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025



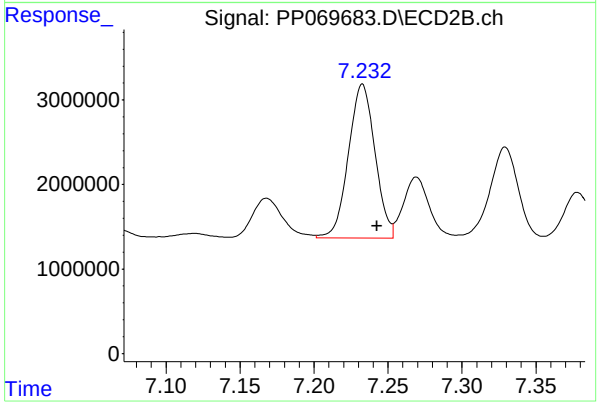
#33 AR-1260-3

R.T.: 6.759 min
Delta R.T.: -0.011 min
Response: 42853916
Conc: 712.37 ng/ml m



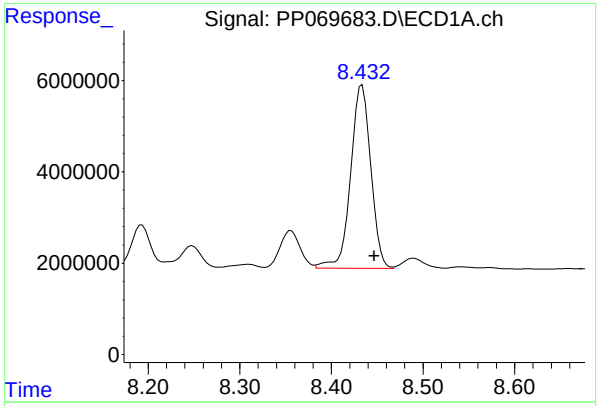
#34 AR-1260-4

R.T.: 8.112 min
Delta R.T.: -0.014 min
Response: 39502241
Conc: 598.73 ng/ml



#34 AR-1260-4

R.T.: 7.233 min
Delta R.T.: -0.010 min
Response: 22762322
Conc: 489.85 ng/ml



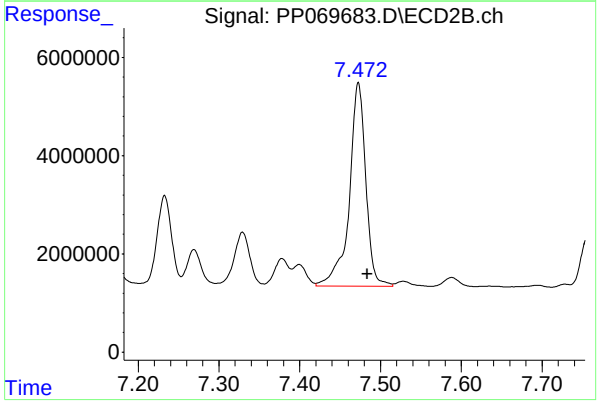
#35 AR-1260-5

R.T.: 8.434 min
Delta R.T.: -0.013 min
Response: 61441759
Conc: 469.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025



#35 AR-1260-5

R.T.: 7.473 min
Delta R.T.: -0.011 min
Response: 58904368
Conc: 529.98 ng/ml

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Manual Integration Report

Sequence:	PP012825	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC1000	PP069265.D	Tetrachloro-m-xylene #2	yogesh	1/29/2025 8:01:08 AM	Ankita	1/29/2025 12:56:48	Peak Integrated by Software
AR1248ICC250	PP069280.D	AR-1248-4	yogesh	1/29/2025 8:01:09 AM	Ankita	1/29/2025 12:56:49	Peak Integrated by Software
AR1248ICC250	PP069280.D	AR-1248-5	yogesh	1/29/2025 8:01:09 AM	Ankita	1/29/2025 12:56:49	Peak Integrated by Software
AR1254ICC050	PP069286.D	AR-1254-1	yogesh	1/29/2025 8:01:10 AM	Ankita	1/29/2025 12:56:50	Peak Integrated by Software
AR1254ICC050	PP069286.D	Tetrachloro-m-xylene	yogesh	1/29/2025 8:01:10 AM	Ankita	1/29/2025 12:56:50	Peak Integrated by Software
AR1268ICC050	PP069292.D	Tetrachloro-m-xylene	yogesh	1/29/2025 8:01:12 AM	Ankita	1/29/2025 12:56:52	Peak Integrated by Software
AR1268ICC050	PP069292.D	Tetrachloro-m-xylene #2	yogesh	1/29/2025 8:01:12 AM	Ankita	1/29/2025 12:56:52	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP021225	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP069670.D	AR-1260-3 #2	yogesh	2/13/2025 7:49:37 AM	Ankita	2/13/2025 9:52:49	Peak Integrated by Software
Q1356-03MS	PP069682.D	AR-1260-1	yogesh	2/13/2025 7:49:48 AM	Ankita	2/13/2025 9:52:56	Peak Integrated by Software
Q1356-03MS	PP069682.D	AR-1260-2 #2	yogesh	2/13/2025 7:49:48 AM	Ankita	2/13/2025 9:52:56	Peak Integrated by Software
Q1356-03MS	PP069682.D	AR-1260-3 #2	yogesh	2/13/2025 7:49:48 AM	Ankita	2/13/2025 9:52:56	Peak Integrated by Software
Q1356-03MSD	PP069683.D	AR-1260-2 #2	yogesh	2/13/2025 7:49:50 AM	Ankita	2/13/2025 9:52:58	Peak Integrated by Software
Q1356-03MSD	PP069683.D	AR-1260-3 #2	yogesh	2/13/2025 7:49:50 AM	Ankita	2/13/2025 9:52:58	Peak Integrated by Software
AR1660CCC500	PP069684.D	AR-1260-3 #2	yogesh	2/13/2025 7:49:51 AM	Ankita	2/13/2025 9:52:59	Peak Integrated by Software
AR1660CCC500	PP069699.D	AR-1260-3 #2	yogesh	2/13/2025 7:49:57 AM	Ankita	2/13/2025 9:53:04	Peak Integrated by Software

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Manual Integration Report

Sequence:	pp021325	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP012825

Review By	yogesh	Review On	1/29/2025 8:01:22 AM		
Supervise By	Ankita	Supervise On	1/29/2025 12:56:57 PM		
SubDirectory	PP012825	HP Acquire Method		HP Processing Method	PP012825

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	PP069263.D	28 Jan 2025 09:05	YP\AJ	Ok
2	I.BLK	PP069264.D	28 Jan 2025 09:21	YP\AJ	Ok
3	AR1660ICC1000	PP069265.D	28 Jan 2025 09:37	YP\AJ	Ok,M
4	AR1660ICC750	PP069266.D	28 Jan 2025 09:54	YP\AJ	Ok
5	AR1660ICC500	PP069267.D	28 Jan 2025 10:10	YP\AJ	Ok
6	AR1660ICC250	PP069268.D	28 Jan 2025 10:26	YP\AJ	Ok
7	AR1660ICC050	PP069269.D	28 Jan 2025 11:15	YP\AJ	Ok
8	AR1221ICC500	PP069270.D	28 Jan 2025 11:32	YP\AJ	Ok
9	AR1232ICC500	PP069271.D	28 Jan 2025 11:48	YP\AJ	Ok
10	AR1242ICC1000	PP069272.D	28 Jan 2025 12:04	YP\AJ	Ok
11	AR1242ICC750	PP069273.D	28 Jan 2025 12:21	YP\AJ	Ok
12	AR1242ICC500	PP069274.D	28 Jan 2025 12:37	YP\AJ	Ok
13	AR1242ICC250	PP069275.D	28 Jan 2025 12:53	YP\AJ	Ok
14	AR1242ICC050	PP069276.D	28 Jan 2025 13:09	YP\AJ	Ok
15	AR1248ICC1000	PP069277.D	28 Jan 2025 13:26	YP\AJ	Ok
16	AR1248ICC750	PP069278.D	28 Jan 2025 13:42	YP\AJ	Ok
17	AR1248ICC500	PP069279.D	28 Jan 2025 13:58	YP\AJ	Ok
18	AR1248ICC250	PP069280.D	28 Jan 2025 14:15	YP\AJ	Ok,M
19	AR1248ICC050	PP069281.D	28 Jan 2025 14:31	YP\AJ	Ok
20	AR1254ICC1000	PP069282.D	28 Jan 2025 14:47	YP\AJ	Ok
21	AR1254ICC750	PP069283.D	28 Jan 2025 15:04	YP\AJ	Ok

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Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP012825

Review By	yogesh	Review On	1/29/2025 8:01:22 AM		
Supervise By	Ankita	Supervise On	1/29/2025 12:56:57 PM		
SubDirectory	PP012825	HP Acquire Method		HP Processing Method	PP012825

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	PP069284.D	28 Jan 2025 15:20	YP\AJ	Ok
23	AR1254ICC250	PP069285.D	28 Jan 2025 15:36	YP\AJ	Ok
24	AR1254ICC050	PP069286.D	28 Jan 2025 15:53	YP\AJ	Ok,M
25	AR1262ICC500	PP069287.D	28 Jan 2025 16:09	YP\AJ	Ok
26	AR1268ICC1000	PP069288.D	28 Jan 2025 16:25	YP\AJ	Ok
27	AR1268ICC750	PP069289.D	28 Jan 2025 16:42	YP\AJ	Ok
28	AR1268ICC500	PP069290.D	28 Jan 2025 16:58	YP\AJ	Ok
29	AR1268ICC250	PP069291.D	28 Jan 2025 17:14	YP\AJ	Ok
30	AR1268ICC050	PP069292.D	28 Jan 2025 17:30	YP\AJ	Ok,M
31	PP012825ICV500	PP069293.D	28 Jan 2025 17:47	YP\AJ	Ok
32	AR1242ICV500	PP069294.D	28 Jan 2025 18:03	YP\AJ	Ok
33	AR1248ICV500	PP069295.D	28 Jan 2025 18:19	YP\AJ	Ok
34	AR1254ICV500	PP069296.D	28 Jan 2025 18:36	YP\AJ	Ok
35	AR1268ICV500	PP069297.D	28 Jan 2025 18:52	YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP021225

Review By	yogesh	Review On	2/13/2025 7:50:13 AM		
Supervise By	Ankita	Supervise On	2/13/2025 9:53:18 AM		
SubDirectory	PP021225	HP Acquire Method		HP Processing Method	PP012825

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	PP069669.D	12 Feb 2025 09:22	YP\AJ	Ok
2	AR1660CCC500	PP069670.D	12 Feb 2025 09:38	YP\AJ	Ok,M
3	AR1242CCC500	PP069671.D	12 Feb 2025 09:54	YP\AJ	Ok
4	AR1248CCC500	PP069672.D	12 Feb 2025 10:10	YP\AJ	Ok
5	AR1254CCC500	PP069673.D	12 Feb 2025 10:27	YP\AJ	Ok
6	I.BLK	PP069674.D	12 Feb 2025 10:43	YP\AJ	Ok
7	PB166696BL	PP069675.D	12 Feb 2025 13:12	YP\AJ	Not Ok
8	PB166696BS	PP069676.D	12 Feb 2025 13:28	YP\AJ	Not Ok
9	Q1352-01	PP069677.D	12 Feb 2025 13:45	YP\AJ	Ok
10	Q1353-01	PP069678.D	12 Feb 2025 14:01	YP\AJ	Ok,M
11	Q1354-01	PP069679.D	12 Feb 2025 14:17	YP\AJ	Ok,M
12	Q1356-01	PP069680.D	12 Feb 2025 14:33	YP\AJ	ReRun
13	Q1356-03	PP069681.D	12 Feb 2025 14:50	YP\AJ	Ok,M
14	Q1356-03MS	PP069682.D	12 Feb 2025 15:06	YP\AJ	Ok,M
15	Q1356-03MSD	PP069683.D	12 Feb 2025 15:22	YP\AJ	Ok,M
16	AR1660CCC500	PP069684.D	12 Feb 2025 15:59	YP\AJ	Ok,M
17	AR1242CCC500	PP069685.D	12 Feb 2025 16:16	YP\AJ	Ok
18	AR1248CCC500	PP069686.D	12 Feb 2025 16:32	YP\AJ	Ok
19	AR1254CCC500	PP069687.D	12 Feb 2025 16:48	YP\AJ	Ok
20	I.BLK	PP069688.D	12 Feb 2025 17:05	YP\AJ	Ok
21	PB166695BL	PP069689.D	12 Feb 2025 17:21	YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP021225

Review By	yogesh	Review On	2/13/2025 7:50:13 AM		
Supervise By	Ankita	Supervise On	2/13/2025 9:53:18 AM		
SubDirectory	PP021225	HP Acquire Method		HP Processing Method	PP012825

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	PB166695BS	PP069690.D	12 Feb 2025 17:37	YP\AJ	Ok,M
23	PB166695BSD	PP069691.D	12 Feb 2025 17:53	YP\AJ	Ok,M
24	Q1348-01	PP069692.D	12 Feb 2025 18:10	YP\AJ	Ok
25	Q1356-04	PP069693.D	12 Feb 2025 18:26	YP\AJ	Ok
26	Q1356-05	PP069694.D	12 Feb 2025 18:42	YP\AJ	Ok
27	Q1356-06	PP069695.D	12 Feb 2025 18:58	YP\AJ	Ok
28	Q1356-07	PP069696.D	12 Feb 2025 19:15	YP\AJ	Ok
29	Q1356-08	PP069697.D	12 Feb 2025 19:31	YP\AJ	Ok
30	Q1356-09	PP069698.D	12 Feb 2025 19:47	YP\AJ	Ok
31	AR1660CCC500	PP069699.D	12 Feb 2025 20:25	YP\AJ	Ok,M
32	AR1242CCC500	PP069700.D	12 Feb 2025 20:41	YP\AJ	Ok
33	AR1248CCC500	PP069701.D	12 Feb 2025 20:57	YP\AJ	Ok
34	AR1254CCC500	PP069702.D	12 Feb 2025 21:14	YP\AJ	Ok
35	I.BLK	PP069703.D	12 Feb 2025 21:30	YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP021325

Review By	yogesh	Review On	2/14/2025 7:55:07 AM		
Supervise By	Ankita	Supervise On	2/14/2025 9:38:48 AM		
SubDirectory	PP021325	HP Acquire Method		HP Processing Method	PP012825

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	PP069704.D	13 Feb 2025 09:00	YP\AJ	Ok
2	AR1660CCC500	PP069705.D	13 Feb 2025 09:16	YP\AJ	Ok
3	AR1242CCC500	PP069706.D	13 Feb 2025 09:32	YP\AJ	Ok
4	AR1248CCC500	PP069707.D	13 Feb 2025 09:48	YP\AJ	Ok
5	AR1254CCC500	PP069708.D	13 Feb 2025 10:05	YP\AJ	Ok
6	I.BLK	PP069709.D	13 Feb 2025 10:21	YP\AJ	Ok
7	Q1356-01RE	PP069710.D	13 Feb 2025 11:29	YP\AJ	Confirms
8	PB166708BL	PP069711.D	13 Feb 2025 12:15	YP\AJ	Ok
9	PB166708BS	PP069712.D	13 Feb 2025 12:32	YP\AJ	Ok,M
10	Q1358-05	PP069713.D	13 Feb 2025 12:48	YP\AJ	Ok,M
11	Q1358-05MS	PP069714.D	13 Feb 2025 13:04	YP\AJ	Ok,M
12	Q1358-05MSD	PP069715.D	13 Feb 2025 13:20	YP\AJ	Ok,M
13	AR1660CCC500	PP069716.D	13 Feb 2025 13:47	YP\AJ	Ok
14	AR1242CCC500	PP069717.D	13 Feb 2025 14:04	YP\AJ	Ok
15	AR1248CCC500	PP069718.D	13 Feb 2025 14:20	YP\AJ	Ok
16	AR1254CCC500	PP069719.D	13 Feb 2025 14:36	YP\AJ	Ok
17	I.BLK	PP069720.D	13 Feb 2025 14:53	YP\AJ	Ok
18	PB166709BL	PP069721.D	13 Feb 2025 15:09	YP\AJ	Ok
19	PB166709BS	PP069722.D	13 Feb 2025 15:25	YP\AJ	Ok,M
20	PB166709BSD	PP069723.D	13 Feb 2025 15:41	YP\AJ	Ok,M
21	Q1357-03	PP069724.D	13 Feb 2025 15:58	YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP021325

Review By	yogesh	Review On	2/14/2025 7:55:07 AM		
Supervise By	Ankita	Supervise On	2/14/2025 9:38:48 AM		
SubDirectory	PP021325	HP Acquire Method		HP Processing Method	PP012825

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	Q1358-04	PP069725.D	13 Feb 2025 16:14	YP\AJ	Ok
23	PB166696BL	PP069726.D	13 Feb 2025 16:30	YP\AJ	Ok
24	PB166696BS	PP069727.D	13 Feb 2025 16:47	YP\AJ	Ok
25	AR1660CCC500	PP069728.D	13 Feb 2025 17:13	YP\AJ	Ok
26	AR1242CCC500	PP069729.D	13 Feb 2025 17:30	YP\AJ	Ok
27	AR1248CCC500	PP069730.D	13 Feb 2025 17:46	YP\AJ	Ok
28	AR1254CCC500	PP069731.D	13 Feb 2025 18:02	YP\AJ	Ok
29	I.BLK	PP069732.D	13 Feb 2025 18:19	YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP012825

Review By	yogesh	Review On	1/29/2025 8:01:22 AM		
Supervise By	Ankita	Supervise On	1/29/2025 12:56:57 PM		
SubDirectory	PP012825	HP Acquire Method		HP Processing Method	PP012825

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	PP069263.D	28 Jan 2025 09:05		YP\AJ	Ok
2	I.BLK	I.BLK	PP069264.D	28 Jan 2025 09:21		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP069265.D	28 Jan 2025 09:37		YP\AJ	Ok,M
4	AR1660ICC750	AR1660ICC750	PP069266.D	28 Jan 2025 09:54		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP069267.D	28 Jan 2025 10:10		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP069268.D	28 Jan 2025 10:26		YP\AJ	Ok
7	AR1660ICC050	AR1660ICC050	PP069269.D	28 Jan 2025 11:15		YP\AJ	Ok
8	AR1221ICC500	AR1221ICC500	PP069270.D	28 Jan 2025 11:32		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP069271.D	28 Jan 2025 11:48		YP\AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PP069272.D	28 Jan 2025 12:04		YP\AJ	Ok
11	AR1242ICC750	AR1242ICC750	PP069273.D	28 Jan 2025 12:21		YP\AJ	Ok
12	AR1242ICC500	AR1242ICC500	PP069274.D	28 Jan 2025 12:37		YP\AJ	Ok
13	AR1242ICC250	AR1242ICC250	PP069275.D	28 Jan 2025 12:53		YP\AJ	Ok
14	AR1242ICC050	AR1242ICC050	PP069276.D	28 Jan 2025 13:09		YP\AJ	Ok
15	AR1248ICC1000	AR1248ICC1000	PP069277.D	28 Jan 2025 13:26		YP\AJ	Ok
16	AR1248ICC750	AR1248ICC750	PP069278.D	28 Jan 2025 13:42		YP\AJ	Ok
17	AR1248ICC500	AR1248ICC500	PP069279.D	28 Jan 2025 13:58		YP\AJ	Ok
18	AR1248ICC250	AR1248ICC250	PP069280.D	28 Jan 2025 14:15		YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP012825

Review By	yogesh	Review On	1/29/2025 8:01:22 AM		
Supervise By	Ankita	Supervise On	1/29/2025 12:56:57 PM		
SubDirectory	PP012825	HP Acquire Method		HP Processing Method	PP012825

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	PP069281.D	28 Jan 2025 14:31		YP\AJ	Ok
20	AR1254ICC1000	AR1254ICC1000	PP069282.D	28 Jan 2025 14:47		YP\AJ	Ok
21	AR1254ICC750	AR1254ICC750	PP069283.D	28 Jan 2025 15:04		YP\AJ	Ok
22	AR1254ICC500	AR1254ICC500	PP069284.D	28 Jan 2025 15:20		YP\AJ	Ok
23	AR1254ICC250	AR1254ICC250	PP069285.D	28 Jan 2025 15:36		YP\AJ	Ok
24	AR1254ICC050	AR1254ICC050	PP069286.D	28 Jan 2025 15:53		YP\AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP069287.D	28 Jan 2025 16:09		YP\AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP069288.D	28 Jan 2025 16:25		YP\AJ	Ok
27	AR1268ICC750	AR1268ICC750	PP069289.D	28 Jan 2025 16:42		YP\AJ	Ok
28	AR1268ICC500	AR1268ICC500	PP069290.D	28 Jan 2025 16:58		YP\AJ	Ok
29	AR1268ICC250	AR1268ICC250	PP069291.D	28 Jan 2025 17:14		YP\AJ	Ok
30	AR1268ICC050	AR1268ICC050	PP069292.D	28 Jan 2025 17:30		YP\AJ	Ok,M
31	PP012825ICV500	ICVPP012825	PP069293.D	28 Jan 2025 17:47		YP\AJ	Ok
32	AR1242ICV500	ICVPP012825AR1242	PP069294.D	28 Jan 2025 18:03		YP\AJ	Ok
33	AR1248ICV500	ICVPP012825AR1248	PP069295.D	28 Jan 2025 18:19		YP\AJ	Ok
34	AR1254ICV500	ICVPP012825AR1254	PP069296.D	28 Jan 2025 18:36		YP\AJ	Ok
35	AR1268ICV500	ICVPP012825AR1268	PP069297.D	28 Jan 2025 18:52		YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP021225

Review By	yogesh	Review On	2/13/2025 7:50:13 AM		
Supervise By	Ankita	Supervise On	2/13/2025 9:53:18 AM		
SubDirectory	PP021225	HP Acquire Method		HP Processing Method	PP012825

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	PP069669.D	12 Feb 2025 09:22		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP069670.D	12 Feb 2025 09:38		YP\AJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PP069671.D	12 Feb 2025 09:54		YP\AJ	Ok
4	AR1248CCC500	AR1248CCC500	PP069672.D	12 Feb 2025 10:10		YP\AJ	Ok
5	AR1254CCC500	AR1254CCC500	PP069673.D	12 Feb 2025 10:27		YP\AJ	Ok
6	I.BLK	I.BLK	PP069674.D	12 Feb 2025 10:43		YP\AJ	Ok
7	PB166696BL	PB166696BL	PP069675.D	12 Feb 2025 13:12	TCMX high both column	YP\AJ	Not Ok
8	PB166696BS	PB166696BS	PP069676.D	12 Feb 2025 13:28	TCMX high 1st column	YP\AJ	Not Ok
9	Q1352-01	TAP-IDW-SOIL-021025	PP069677.D	12 Feb 2025 13:45		YP\AJ	Ok
10	Q1353-01	346	PP069678.D	12 Feb 2025 14:01		YP\AJ	Ok,M
11	Q1354-01	NB-08-021125	PP069679.D	12 Feb 2025 14:17	AR1254 Hit	YP\AJ	Ok,M
12	Q1356-01	CARBON-SOLID	PP069680.D	12 Feb 2025 14:33	DCB low in both column	YP\AJ	ReRun
13	Q1356-03	SOIL-PILE	PP069681.D	12 Feb 2025 14:50	AR1248 Hit,	YP\AJ	Ok,M
14	Q1356-03MS	SOIL-PILEMS	PP069682.D	12 Feb 2025 15:06	Recovery fail for AR1016 & AR1260	YP\AJ	Ok,M
15	Q1356-03MSD	SOIL-PILEMSD	PP069683.D	12 Feb 2025 15:22	Recovery fail for AR1016 & AR1260	YP\AJ	Ok,M
16	AR1660CCC500	AR1660CCC500	PP069684.D	12 Feb 2025 15:59		YP\AJ	Ok,M
17	AR1242CCC500	AR1242CCC500	PP069685.D	12 Feb 2025 16:16		YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP021225

Review By	yogesh	Review On	2/13/2025 7:50:13 AM		
Supervise By	Ankita	Supervise On	2/13/2025 9:53:18 AM		
SubDirectory	PP021225	HP Acquire Method		HP Processing Method	PP012825

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	

18	AR1248CCC500	AR1248CCC500	PP069686.D	12 Feb 2025 16:32		YP\AJ	Ok
19	AR1254CCC500	AR1254CCC500	PP069687.D	12 Feb 2025 16:48		YP\AJ	Ok
20	I.BLK	I.BLK	PP069688.D	12 Feb 2025 17:05		YP\AJ	Ok
21	PB166695BL	PB166695BL	PP069689.D	12 Feb 2025 17:21		YP\AJ	Ok
22	PB166695BS	PB166695BS	PP069690.D	12 Feb 2025 17:37		YP\AJ	Ok,M
23	PB166695BSD	PB166695BSD	PP069691.D	12 Feb 2025 17:53		YP\AJ	Ok,M
24	Q1348-01	TWP-1-WC	PP069692.D	12 Feb 2025 18:10		YP\AJ	Ok
25	Q1356-04	CARBON-WATER	PP069693.D	12 Feb 2025 18:26		YP\AJ	Ok
26	Q1356-05	CARBON-FB	PP069694.D	12 Feb 2025 18:42		YP\AJ	Ok
27	Q1356-06	WATER-A	PP069695.D	12 Feb 2025 18:58		YP\AJ	Ok
28	Q1356-07	WATER-B	PP069696.D	12 Feb 2025 19:15		YP\AJ	Ok
29	Q1356-08	WATER-FB	PP069697.D	12 Feb 2025 19:31		YP\AJ	Ok
30	Q1356-09	SOIL-FB	PP069698.D	12 Feb 2025 19:47		YP\AJ	Ok
31	AR1660CCC500	AR1660CCC500	PP069699.D	12 Feb 2025 20:25		YP\AJ	Ok,M
32	AR1242CCC500	AR1242CCC500	PP069700.D	12 Feb 2025 20:41		YP\AJ	Ok
33	AR1248CCC500	AR1248CCC500	PP069701.D	12 Feb 2025 20:57		YP\AJ	Ok
34	AR1254CCC500	AR1254CCC500	PP069702.D	12 Feb 2025 21:14		YP\AJ	Ok
35	I.BLK	I.BLK	PP069703.D	12 Feb 2025 21:30		YP\AJ	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP021325

Review By	yogesh	Review On	2/14/2025 7:55:07 AM		
Supervise By	Ankita	Supervise On	2/14/2025 9:38:48 AM		
SubDirectory	PP021325	HP Acquire Method		HP Processing Method	PP012825

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	PP069704.D	13 Feb 2025 09:00		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP069705.D	13 Feb 2025 09:16		YP\AJ	Ok
3	AR1242CCC500	AR1242CCC500	PP069706.D	13 Feb 2025 09:32		YP\AJ	Ok
4	AR1248CCC500	AR1248CCC500	PP069707.D	13 Feb 2025 09:48		YP\AJ	Ok
5	AR1254CCC500	AR1254CCC500	PP069708.D	13 Feb 2025 10:05		YP\AJ	Ok
6	I.BLK	I.BLK	PP069709.D	13 Feb 2025 10:21		YP\AJ	Ok
7	Q1356-01RE	CARBON-SOLIDRE	PP069710.D	13 Feb 2025 11:29	DCB low in both column	YP\AJ	Confirms
8	PB166708BL	PB166708BL	PP069711.D	13 Feb 2025 12:15		YP\AJ	Ok
9	PB166708BS	PB166708BS	PP069712.D	13 Feb 2025 12:32		YP\AJ	Ok,M
10	Q1358-05	5016	PP069713.D	13 Feb 2025 12:48		YP\AJ	Ok,M
11	Q1358-05MS	5016MS	PP069714.D	13 Feb 2025 13:04		YP\AJ	Ok,M
12	Q1358-05MSD	5016MSD	PP069715.D	13 Feb 2025 13:20		YP\AJ	Ok,M
13	AR1660CCC500	AR1660CCC500	PP069716.D	13 Feb 2025 13:47		YP\AJ	Ok
14	AR1242CCC500	AR1242CCC500	PP069717.D	13 Feb 2025 14:04		YP\AJ	Ok
15	AR1248CCC500	AR1248CCC500	PP069718.D	13 Feb 2025 14:20		YP\AJ	Ok
16	AR1254CCC500	AR1254CCC500	PP069719.D	13 Feb 2025 14:36		YP\AJ	Ok
17	I.BLK	I.BLK	PP069720.D	13 Feb 2025 14:53		YP\AJ	Ok
18	PB166709BL	PB166709BL	PP069721.D	13 Feb 2025 15:09		YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP021325

Review By	yogesh	Review On	2/14/2025 7:55:07 AM		
Supervise By	Ankita	Supervise On	2/14/2025 9:38:48 AM		
SubDirectory	PP021325	HP Acquire Method		HP Processing Method	PP012825

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	PB166709BS	PB166709BS	PP069722.D	13 Feb 2025 15:25		YP\AJ	Ok,M
20	PB166709BSD	PB166709BSD	PP069723.D	13 Feb 2025 15:41		YP\AJ	Ok,M
21	Q1357-03	NWB-2135-36	PP069724.D	13 Feb 2025 15:58		YP\AJ	Ok
22	Q1358-04	207-COMP	PP069725.D	13 Feb 2025 16:14		YP\AJ	Ok
23	PB166696BL	PB166696BL	PP069726.D	13 Feb 2025 16:30		YP\AJ	Ok
24	PB166696BS	PB166696BS	PP069727.D	13 Feb 2025 16:47		YP\AJ	Ok
25	AR1660CCC500	AR1660CCC500	PP069728.D	13 Feb 2025 17:13		YP\AJ	Ok
26	AR1242CCC500	AR1242CCC500	PP069729.D	13 Feb 2025 17:30		YP\AJ	Ok
27	AR1248CCC500	AR1248CCC500	PP069730.D	13 Feb 2025 17:46		YP\AJ	Ok
28	AR1254CCC500	AR1254CCC500	PP069731.D	13 Feb 2025 18:02		YP\AJ	Ok
29	I.BLK	I.BLK	PP069732.D	13 Feb 2025 18:19		YP\AJ	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 2/12/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 02/11/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:14
Out Date: 02/12/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB134670

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1352-01	TAP-IDW-SOIL-021025	1	1.15	8.59	9.74	7.57	74.7	
Q1352-02	TAP-IDW-SOIL-021025	2	1.15	8.59	9.74	7.57	74.7	
Q1353-01	346	3	1.15	8.66	9.81	8.92	89.7	
Q1354-01	NB-08-021125	4	1.16	8.81	9.97	9.00	89.0	
Q1354-02	NB-08-021125-E2	5	1.17	8.61	9.78	8.75	88.0	
Q1356-01	CARBON-SOLID	6	1.16	8.81	9.97	5.08	44.5	
Q1356-03	SOIL-PILE	7	1.18	8.51	9.69	8.48	85.8	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

VB 134670

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-021125 **WorkList ID :** 187645 **Department :** Wet-Chemistry **Date :** 02-11-2025 12:35:45

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1352-01	TAP-IDW-SOIL-021025	Solid	Percent Solids	Cool 4 deg C	WEST04	N51	02/10/2025	Chemtech -SO
Q1352-02	TAP-IDW-SOIL-021025	Solid	Percent Solids	Cool 4 deg C	WEST04	N51	02/10/2025	Chemtech -SO
Q1353-01	346	Solid	Percent Solids	Cool 4 deg C	PSEG03	N41	02/11/2025	Chemtech -SO
Q1354-01	NB-08-021125	Solid	Percent Solids	Cool 4 deg C	PSEG05	N41	02/11/2025	Chemtech -SO
Q1354-02	NB-08-021125-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	N41	02/11/2025	Chemtech -SO
Q1356-01	CARBON-SOLID	Solid	Percent Solids	Cool 4 deg C	PSEG04	N51	02/11/2025	Chemtech -SO
Q1356-03	SOIL-PILE	Solid	Percent Solids	Cool 4 deg C	PSEG04	N51	02/11/2025	Chemtech -SO

Date/Time 02/11/25 11:10

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Date/Time 02-11-25 17:15

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB166696

SOP ID:	M3541-ASE Extraction-14				
Clean Up SOP #:	Acid Cleanup			**Extraction Start Date :**	02/12/2025
Matrix :	Solid			**Extraction Start Time :**	08:30
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	02/12/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	11:30
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	rajesh

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	PP24093
Surrogate	1.0ML	200 PPB	PP24123
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2583
Baked Na2SO4	N/A	EP2585
Sand	N/A	E2865
Hexane	N/A	E3872
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

Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40 BTS721.

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
02/12/25	RP (Ext Lab)	R. Post/PoB Lab
11:35	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB166696

Analytical Method: M3541-ASE Extraction-14 **Concentration Date:** 02/12/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB166696BL	ABLK696	PCB	30.01	N/A	ritesh	Evelyn	10			U7-1
PB166696BS	ALCS696	PCB	30.02	N/A	ritesh	Evelyn	10			2
Q1352-01	TAP-IDW-SOIL-021025	PCB	30.07	N/A	ritesh	Evelyn	10	B		3
Q1353-01	346	PCB	30.04	N/A	ritesh	Evelyn	10	D		4
Q1354-01	NB-08-021125	PCB	30.08	N/A	ritesh	Evelyn	10	D		5
Q1356-01	CARBON-SOLID	PCB	30.05	N/A	ritesh	Evelyn	10	D		6
Q1356-03	SOIL-PILE	PCB	30.03	N/A	ritesh	Evelyn	10	D		U6-1
Q1356-03MS	SOIL-PILEMS	PCB	30.02	N/A	ritesh	Evelyn	10	D		2
Q1356-03MSD	SOIL-PILEMSD	PCB	30.04	N/A	ritesh	Evelyn	10	D		3

* **Extracts relinquished on the same date as received.**

2/12/25

60696
8:35

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1356P **WorkList ID :** 187653 **Department :** Extraction **Date :** 02-12-2025 08:19:06

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1352-01	TAP-IDW-SOIL-021025	Solid	PCB	Cool 4 deg C	WEST04	N51	02/10/2025	8082A
Q1353-01	346	Solid	PCB	Cool 4 deg C	PSEG03	N41	02/11/2025	8082A
Q1354-01	NB-08-021125	Solid	PCB	Cool 4 deg C	PSEG05	N41	02/11/2025	8082A
Q1356-01	CARBON-SOLID	Solid	PCB	Cool 4 deg C	PSEG04	N51	02/11/2025	8082A
Q1356-03	SOIL-PILE	Solid	PCB	Cool 4 deg C	PSEG04	N51	02/11/2025	8082A

Date/Time 02/12/25 8:25
Raw Sample Received by: RJ (Sed 1ccs)
Raw Sample Relinquished by: [signature]

Date/Time 02/12/25 8:35
Raw Sample Received by: [signature]
Raw Sample Relinquished by: RJ (Sed lccs)

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Prep Standard - Chemical Standard Summary

Order ID : Q1352

Test : PCB

Prepbatch ID : PB166696,

Sequence ID/Qc Batch ID: PP021225,pp021325,

Standard ID :
EP2565,EP2583,EP2585,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,PP24093,PP24123,

Chemical ID :
E2865,E3551,E3804,E3805,E3825,E3843,E3846,E3872,E3873,M5173,P10483,P10500,P11507,P11512,P11521,P11581,P11587,P11590,P11597,P12698,P12929,P12934,P12947,P12957,P13033,P13350,P13353,P13372,W3112,

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Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
314	1.1 H2SO4 SOLN	EP2565	11/20/2024	05/20/2025	Rajesh Parikh	None	None	RUPESHKUMAR SHAH 11/20/2024

FROM 1000.00000ml of M5173 + 1000.00000ml of W3112 = Final Quantity: 2000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
230	1:1ACETONE/HEXANE	EP2583	02/04/2025	07/29/2025	Rajesh Parikh	None	None	RUPESHKUMAR SHAH 02/04/2025

FROM 8000.00000ml of E3872 + 8000.00000ml of E3873 = Final Quantity: 8000.000 ml

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Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3923	Baked Sodium Sulfate	EP2585	02/07/2025	07/01/2025	Rajesh Parikh	Extraction_SCALE_2 (EX-SC-2)	None	RUPESHKUMAR SHAH 02/07/2025

FROM 4000.00000gram of E3551 = Final Quantity: 4000.000 gram

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
84	Pest/PCB Surrogate Stock 20 PPM	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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
202	AR1660 1000/100 ppb working solution 1st source	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
204	AR1660 500 PPB STD	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
206	AR1660 50 PPB STD	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1079	AR1221 750 PPB STD	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1080	AR1221 250 PPB STD	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
214	AR1232 1000 PPB WORKING SOLUTION	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
223	AR1232 500 PPB STD	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1065	AR1232 50 PPB STD	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1067	AR1242 750 PPB STD	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1068	AR1242 250 PPB STD	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
216	AR1248 1000 PPB WORKING STD	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
225	AR1248 500 PPB STD	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1077	AR1248 50 PPB STD	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1071	AR1254 750 PPB STD	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1072	AR1254 250 PPB STD	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1529	AR1262 1000 PPB Working Solution	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1530	AR1262 500 PPB STD	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3755	AR1262 50 PPB STD	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3820	AR1268 750 PPB STD	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3821	AR1268 250 PPB STD	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
404	AR1660 100 PPM Stock Solution 2nd Source	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
406	AR1660 500 PPB ICV	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

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

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Pest/Pcb STANDARD PREPARATION LOG

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

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

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Pest/Pcb STANDARD PREPARATION LOG

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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1891	AR1242 500 PPB ICV	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1892	AR1248 500 PPB ICV	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1894	AR1254 500 PPB ICV	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3758	AR1262 500 PPB STD ICV	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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3823	AR1268 500 PPB STD ICV	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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3857	5000 PPB PCB SPIKE SOLUTION 2ND SOURCE	PP24093	12/20/2024	04/03/2025	Ankita Jodhani	None	None	Yogesh Patel 01/16/2025

FROM 0.50000ml of P12947 + 99.50000ml of E3843 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
465	200 PPB Pest/PCB Surrogate Spike	PP24123	01/20/2025	06/26/2025	Abdul Mirza	None	None	Ankita Jodhani 01/20/2025

FROM 1.00000ml of P13353 + 999.00000ml of E3846 = Final Quantity: 1000.000 ml

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-3382-05 / Sand, Purified (cs/4x2.5kg)	0000243821	06/30/2025	04/30/2020 / RAJESH	04/28/2020 / RAJESH	E2865

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	313201	07/01/2025	01/03/2024 / Rajesh	07/20/2023 / Rajesh	E3551

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	9005-05 / Acetone Ultra (cs/4x4L)	24E0761004	11/05/2025	10/01/2024 / Rajesh	09/25/2024 / Rajesh	E3804

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	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	06/05/2025	12/05/2024 / Rajesh	12/05/2024 / Rajesh	E3843

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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	06/26/2025	12/26/2024 / Rajesh	12/13/2024 / Rajesh	E3846

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	07/29/2025	01/29/2025 / Rajesh	01/29/2025 / Rajesh	E3872

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	07/29/2025	01/29/2025 / Rajesh	01/29/2025 / Rajesh	E3873

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

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-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

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

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32410 / PCB Stock Solution, Aroclor 1268 Std, 1mL, Hexane	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

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.	/ Arochlor 1254	121823	04/03/2025	10/03/2024 / Ankita	12/20/2023 / Yogesh	P12957

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Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards,Inc	90165 / Aroclor 1262	112322	04/03/2025	10/03/2024 / Ankita	12/20/2023 / Yogesh	P13033

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	07/20/2025	01/20/2025 / Abdul	04/22/2024 / Abdul	P13353

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

Sand
Purified
Washed and Ignited

avantor™ | J.T.Baker®

Material No.: 3382-05
Batch No.: 0000243821
Manufactured Date: 2018/04/09
Retest Date: 2025/04/07
Revision No: 1

Certificate of Analysis

Test	Specification	Result
Substances Soluble in HCl	<= 0.16 %	0.01

For Laboratory, Research or Manufacturing Use
Meets Reagent Specifications for testing USP/NF monographs

Country of Origin: US
Packaging Site: Paris Mfg Ctr & DC

E 2865

James T Ethier
Jamie Ethier
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

PRODUCTOS QUIMICOS MONTERREY, S.A. DE C.V.

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MEXICO
CP 64070
TEL +52 81 13 52 57 57
www.pqm.com.mx

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE RMB3375)	FORMULA :	Na_2SO_4
SPECIFICATION NUMBER :	6399	RELEASE DATE:	ABR/21/2023
LOT NUMBER :	313201		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na_2SO_4)	Min. 99.0%	99.7 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.1
Insoluble matter	Max. 0.01%	0.005 %
Loss on ignition	Max. 0.5%	0.1 %
Chloride (Cl)	Max. 0.001%	<0.001 %
Nitrogen compounds (as N)	Max. 5 ppm	<5 ppm
Phosphate (PO_4)	Max. 0.001%	<0.001 %
Heavy metals (as Pb)	Max. 5 ppm	<5 ppm
Iron (Fe)	Max. 0.001%	<0.001 %
Calcium (Ca)	Max. 0.01%	0.002 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.003 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreing matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.1 %
Retained on US Standard No. 60 sieve	Min. 94%	97.3 %
Through US Standard No. 60 sieve	Max. 5%	2.5 %
Through US Standard No. 100 sieve	Max. 10%	0.1 %

COMMENTS

QC: PhC Irma Belmares

If you need further details, please call our factory or contact our local distributor.

RG-02-01, Ed. 3

Recd. by RP 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 12/5/24

E 3843

J Croak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

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 12/13/24

E 3846

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

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

Recd by RP on 1/29/25

E3872

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 1/29/25

E 3873

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

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

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

James Ethier
Jamie Ethier
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

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

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%

P 10476
&
P 10480

AR
02/19/21

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

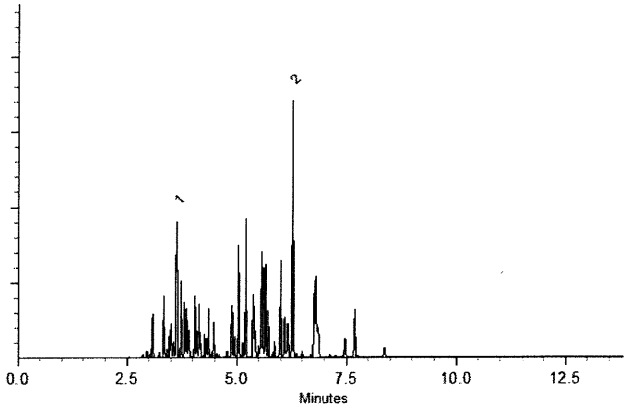
Carrier Gas:
helium-constant pressure 20 psi.

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

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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)

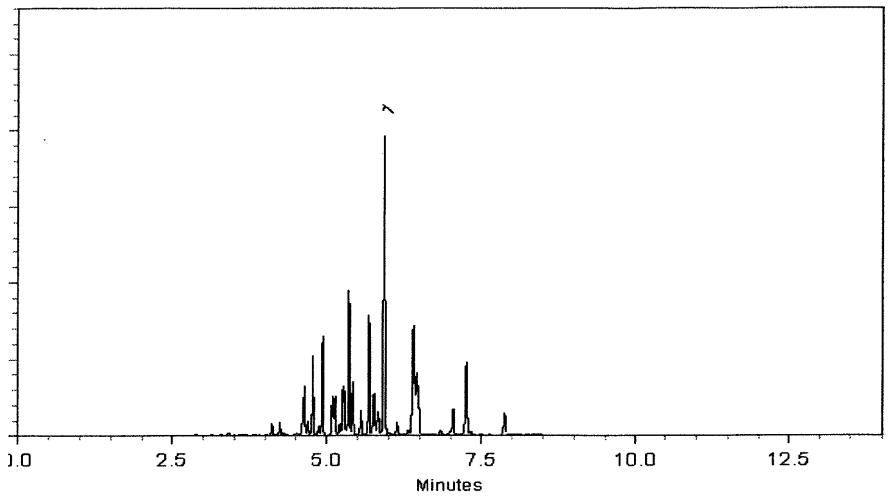
Carrier Gas:
helium-constant pressure 20 psi.

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 20ºC to 25ºC 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

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

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ISO 17034 Cert No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026
Page: 1 of 1
www.agilent.com/quality/
CSD-QA-015.1

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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 (S)
↓
P 11582

AR
04/30/22

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

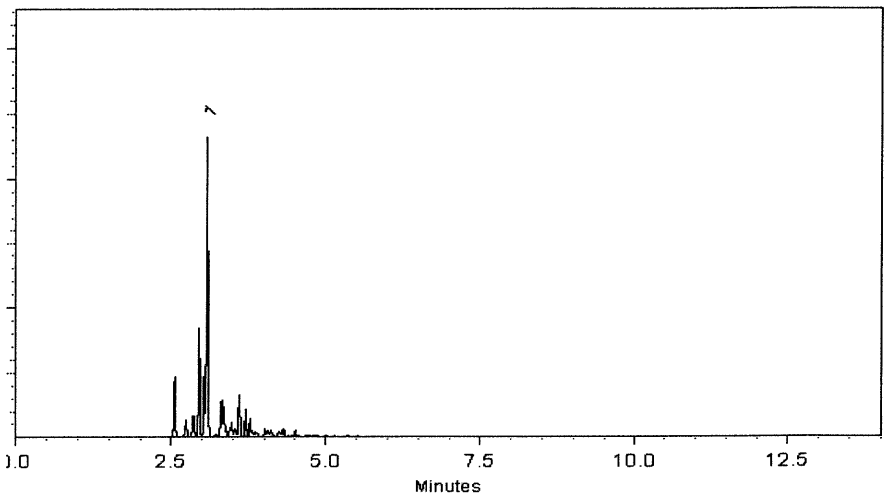
Carrier Gas:
helium-constant pressure 20 psi.

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

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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)

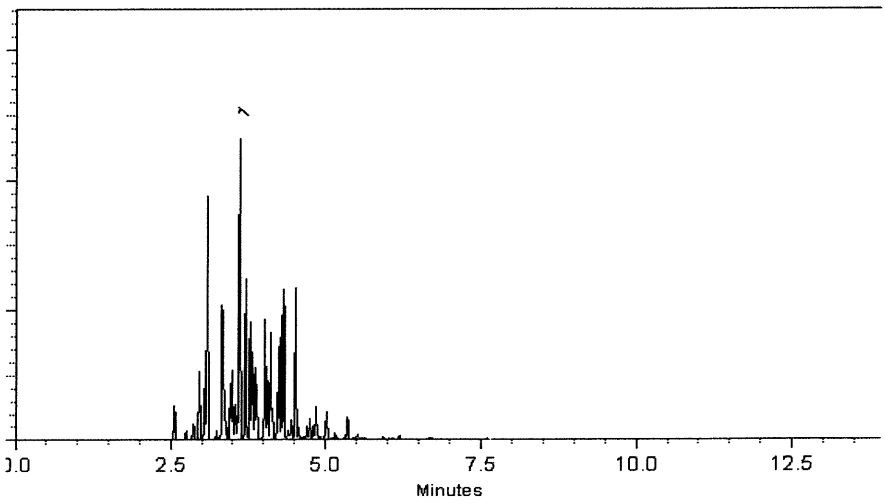
Carrier Gas:
helium-constant pressure 20 psi.

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

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Testing Laboratory
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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)

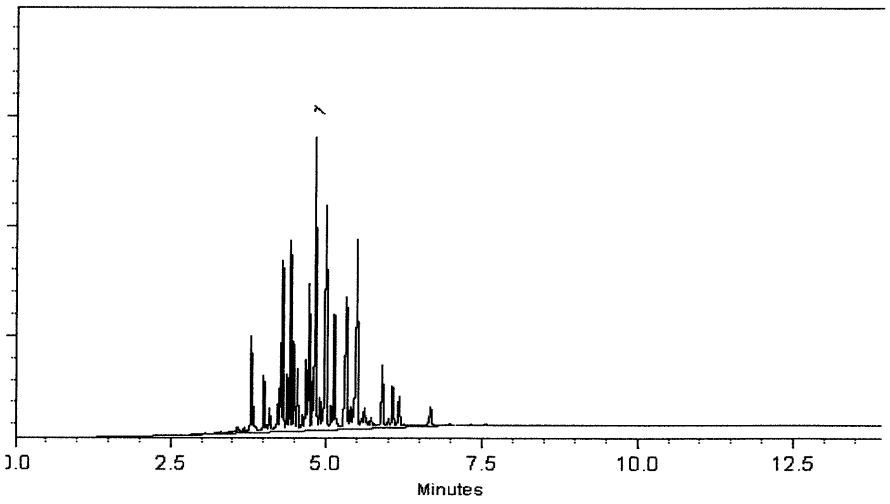
Carrier Gas:
helium-constant pressure 20 psi.

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

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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 (S)
↓
P 11597

AR 04/30/2022

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

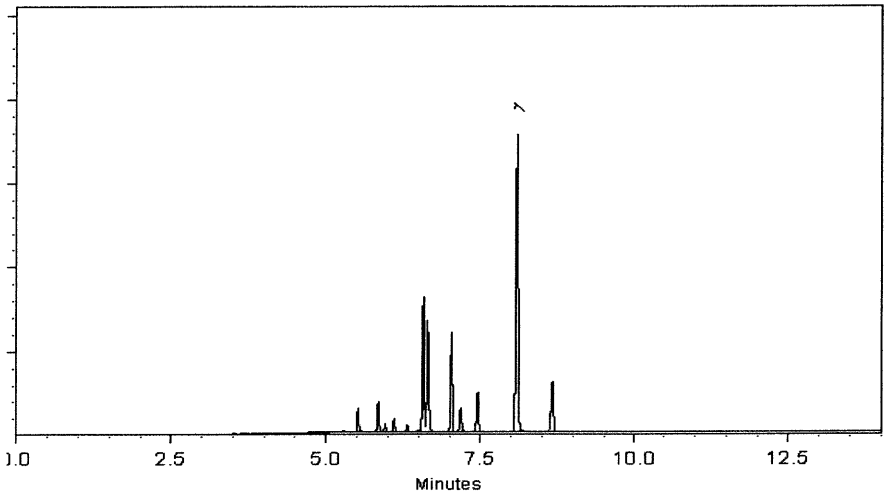
Carrier Gas:
helium-constant pressure 20 psi.

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

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Certified Refe

CERTIFIED WEIGHT REPORT

Part Number:	91867
Lot Number:	020823
Description:	WP 037 - Aroclor 1232 PCB Technical Mixture
Expiration Date:	020833
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	100
NIST Test ID#:	6UTB

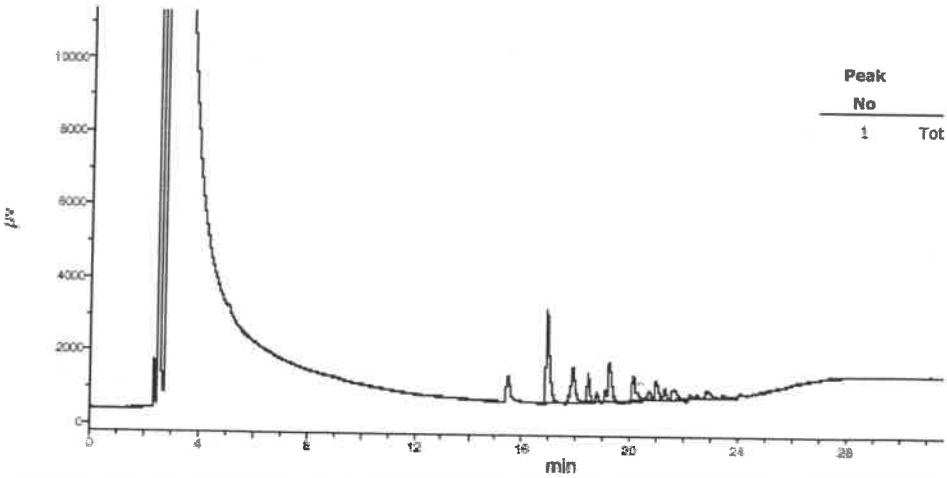
Solvent/ Acet

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	Targ Weight (g
1. Aroclor 1232	17	45-6A	100	100	0.5	0.01000

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measure Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

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.)

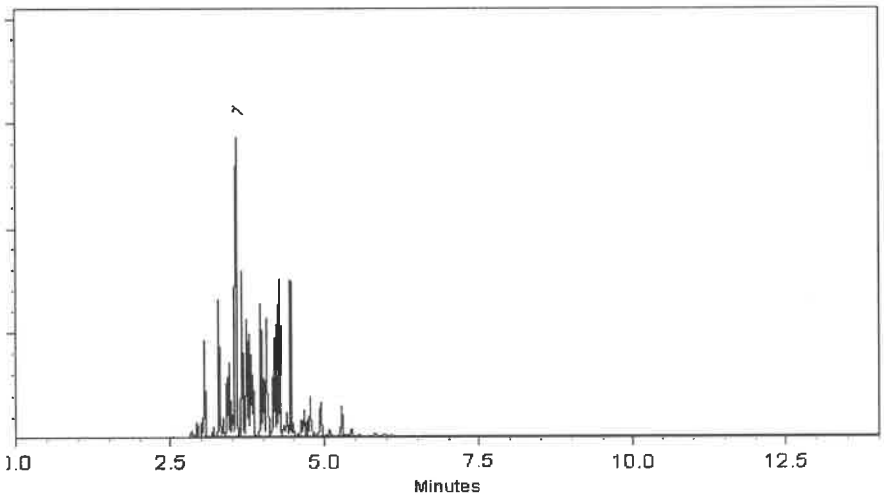
Inj. Temp:
250°C

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

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

P12933 ↓ P12937 AJ 12/07/23

Catalog No. : 32010 **Lot No.:** A0202803

Description : Aroclor® 1248 Standard

Aroclor® 1248 Standard 1,000µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1248	12672-29-6	13897600	----%	1,001.7 µg/mL	+/- 55.5850

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

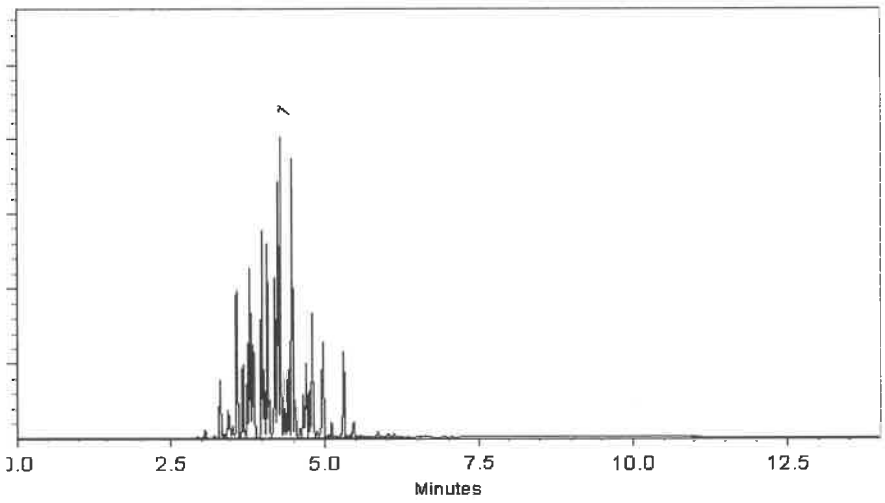
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I **Date Mixed:** 03-Oct-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 09-Oct-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	20064
Lot Number:	022023
Description:	CLP PCB'S - Aroclor Mix
	Aroclors 1016 & 1260
Expiration Date:	022033
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	1000
NIST Test ID#:	6UTB

Solvent(s): Hexane **Lot#** 273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

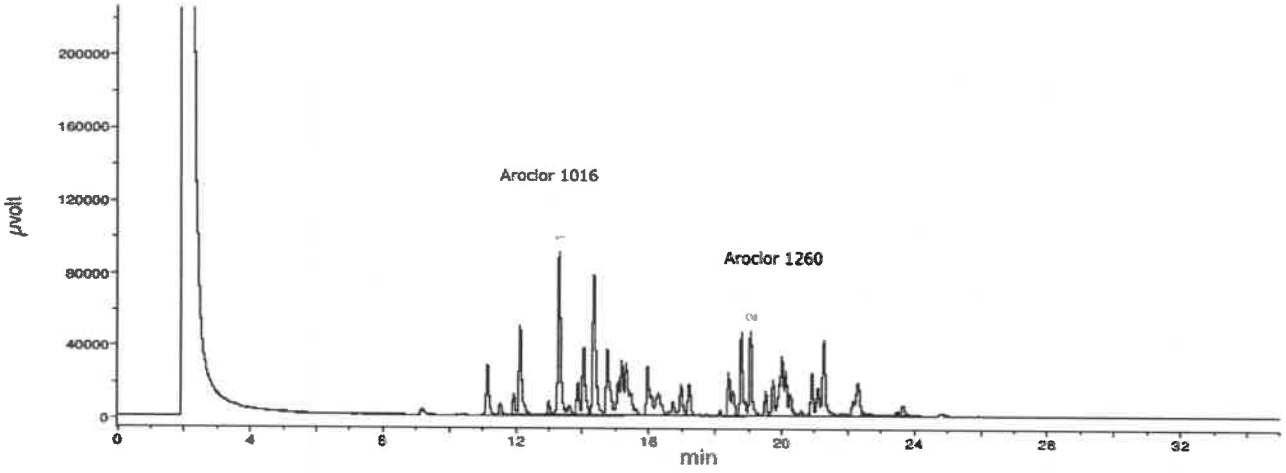
Formulated By: Benson Chan	022023 DATE
Reviewed By: Pedro L. Rentas	022023 DATE

P12946 ↓ P12955 12/20/23

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

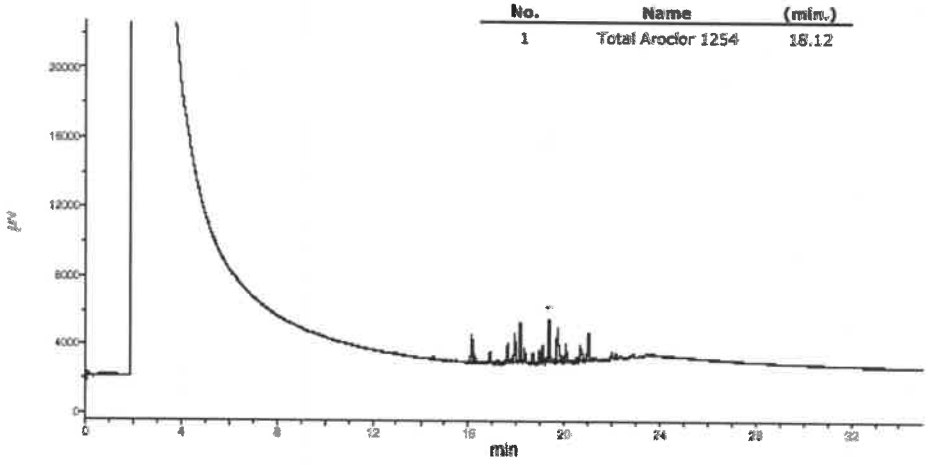
Note: Aroclor 1254 is a mix of isomers.

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

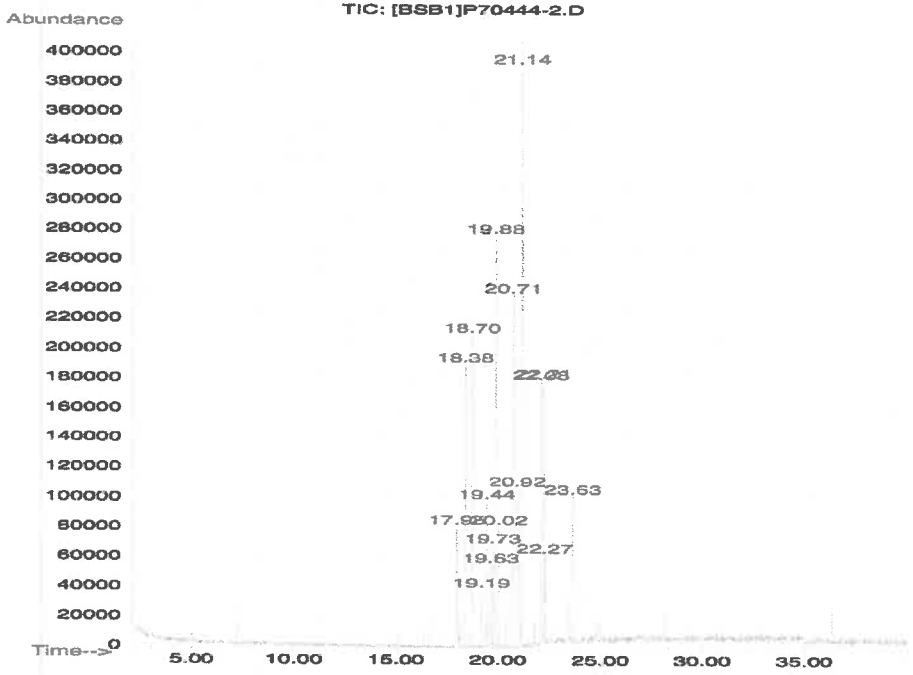
5E-05 Balance Uncertainty

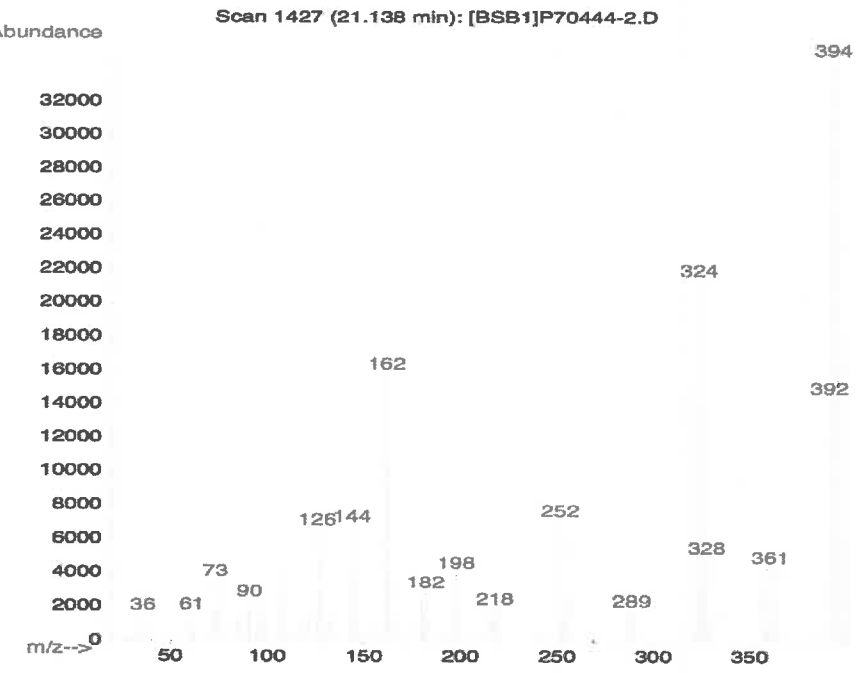
Formulated By:	Prashant Chauhan	112322 DATE
Reviewed By:	Pedro L. Rentas	112322 DATE

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





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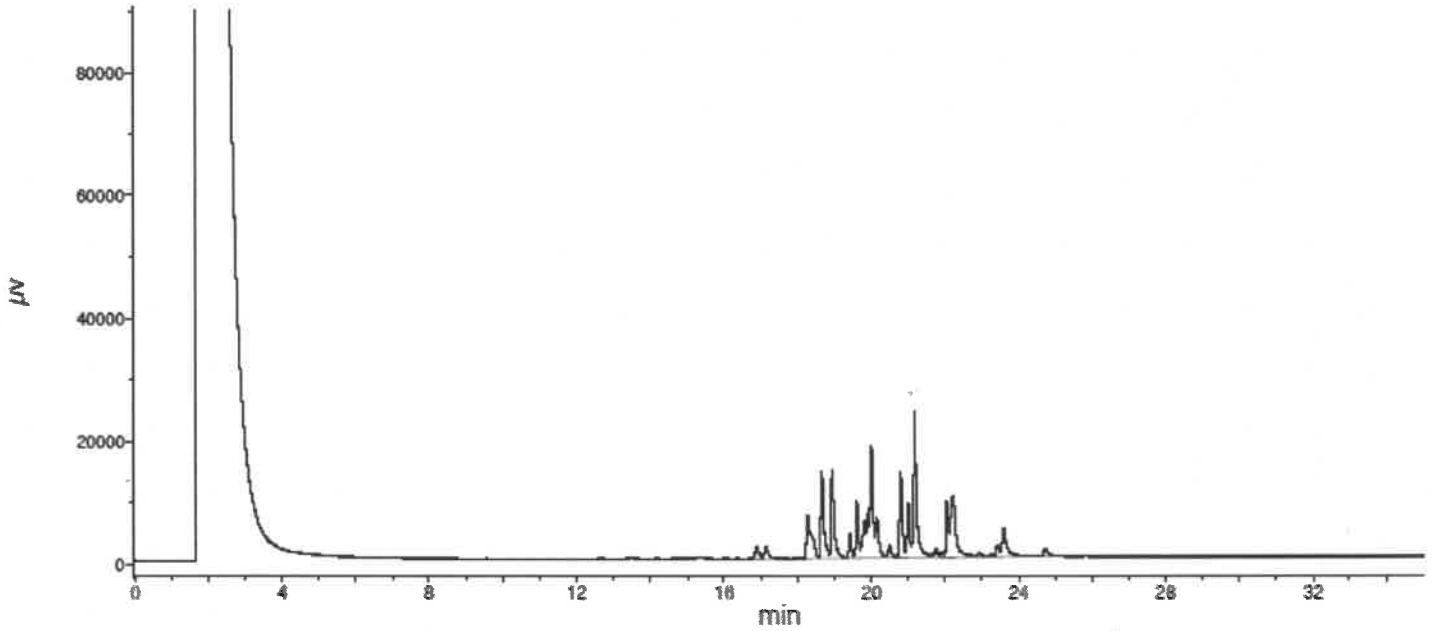
Run 20, "P90165 L112322 [1000µg/mL in hexane]"

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



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P13348 (10)
↓
P13357

Catalog No. : 32000 **Lot No.:** A0206810

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

04/25/2024

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.3 µg/mL	+/- 11.1143
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	200.6 µg/mL	+/- 11.1298

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
hellum-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

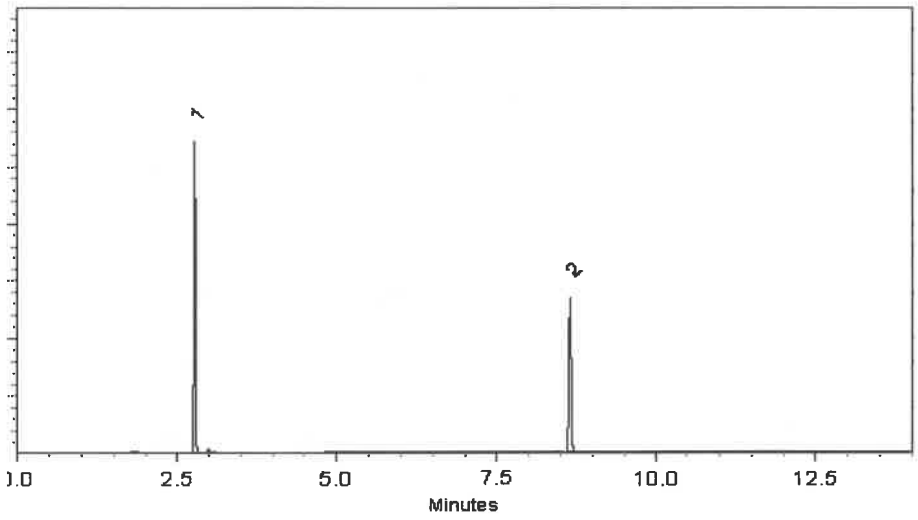
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I **Date Mixed:** 22-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 24-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P13348 (10)
↓
P13357
04/25/2025

RESTEK
110 Benner Circle
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P13348 (10) → P13357

Catalog No. : 32000 **Lot No.:** A0206810

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

04/25/2024

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.3 µg/mL	+/- 11.1143
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	200.6 µg/mL	+/- 11.1298

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
hellum-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

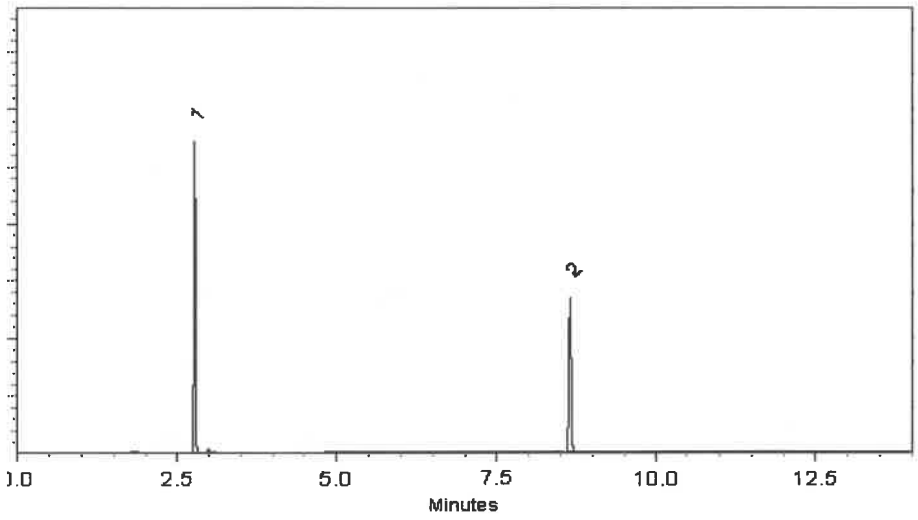
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



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Laith Clemente - Operations Technician I **Date Mixed:** 22-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 24-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P13348 (10)

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P13357

04/25/2025

Agilent
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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

CSD-QA-015.2

ISO 17025
Cert No. AT-1937

250 Smith Street North Kingstown, Rhode Island 02852 **www.agilent.com/quality**

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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 ISO 17034 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

Chain of Custody Record/Lab Work Request

Weston COC ID
Weston_20250210_1440

Page 1 of 1

Client:	Weston Solutions, Inc.		
Project Manager:	David Sembrot		
Street Address:	1400 Weston Way	City:	West Chester
Phone:	610-314-5456	ST, ZIP:	PA, 19038
e-mail:	david.sembrot@westonsolutions.com		
Sampled By:	Cheyenne Harrington		

Project Name:	Fort Meade RI	Project POC:	Nathan Fretz
PO Number	0111169	Phone:	484-524-5665
W.O. #:		POC e-mail:	nathan.fretz@westonsolutions.com
Lab:	CHEMTECH	Lab POC:	Jordan Hedvat
TAT (days):	21	Lab Phone:	908-728-3144
Lab Address:	284 Sheffield Street Mountainside, NJ 07092		

Matrix Codes
SS - Soil
SE - Sediment
SO - Solid
SL - Sludge
GW - Groundwater
W - Water
SB - Soil Boring
A - Air
DS - Drum Solids
DL - Drum Liquids
L - EP/TCLP Leachate
WI - Wipe
X - Other
F - Fish

Lab Use Only		
Temperature of cooler when received (°C)		
COC Tape was present and unbroken on outer package?	Y	N
Samples received in good condition?	Y	N
Labels indicate properly preserved?	Y	N
Received within holding times?	Y	N
Discrepancies between sample labels and COC record?	Y	N

#	Sample ID	G/C	Matrix	# Cont	MS/MSD	Date Collected	Time Collected	Analyses Requested: TCLP VOCs by EPA 8260D (1311)	TCLP SVOCs by EPA 8270E (1311)	TCLP Metals by EPA 6010D/7470A	TCLP Pesticides by EPA 8081B	TCLP Herbicides by EPA 8151A	Total Sulfide by EPA 9034	Total Cyanide by EPA 9012B	PCB by EPA 8082A	Ignitability by EPA 1030	pH by EPA 9045D			Special Instructions/Comments
	Container Type:							Encore	Glass	Glass	Glass	Glass	Glass	Glass	Glass	Glass	Glass			
	Container Size:							25g	8 oz	8 oz	8 oz	8 oz	8 oz	8 oz	8 oz	8 oz	8 oz			
	Preservative:							Ice to 0-6	Ice to 0-6	Ice to 0-6	Ice to 0-6	Ice to 0-6	Ice to 0-6	Ice to 0-6	Ice to 0-6	Ice to 0-6	Ice to 0-6			
1	~~TAP-SOIL-IDW-021025~~ TAP-IDW-SOIL-021025	c	DS	6	no	2/10/2025	13:40	X	X	X	X	X	X	X	X	X	X			
2	CH			7 Feb 2025																
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

FedEx Shipping Airbill Number: 7719 9075 4644

Cooler Number: 1 of 1

	Relinquished By	Date	Time	Received By	Date	Time	Additional Comments
1.)	[signature]	10 Feb 25	1800	yg 3.1	2/11/2025	9:10	QSM 6.0 Compliant
2.)							Deliverable Requirements: DoD Level IV report, EnviroData EDD, and ERIS-compatible EDD
3.)							

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

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069265.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 09:37
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: Jan 28 10:44:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 10:41:22 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...	4.537	3.841	143.0E6	93147739	96.885	101.139
2)	SA Decachlor...	10.279	8.911	106.9E6	108.2E6	95.517	98.966
	Target Compounds						
3)	L1 AR-1016-1	5.691	4.934	44563885	31633685	950.609	971.631
4)	L1 AR-1016-2	5.712	4.953	66115347	44031797	966.786	967.963
5)	L1 AR-1016-3	5.775	5.131	39869399	24261336	946.084	973.363
6)	L1 AR-1016-4	5.872	5.172	33707176	19438184	957.224	961.363
7)	L1 AR-1016-5	6.166	5.388	32090736	25297814	955.618	965.361
31)	L7 AR-1260-1	7.286	6.428	55810838	45562804	952.907	961.155
32)	L7 AR-1260-2	7.540	6.616	71849008	56383179	954.186	948.637
33)	L7 AR-1260-3	7.899	6.771	59639386	52562549	962.013	960.087
34)	L7 AR-1260-4	8.124	7.244	61734973	44924385	955.078	971.004
35)	L7 AR-1260-5	8.445	7.484	125.1E6	110.5E6	959.591	990.648

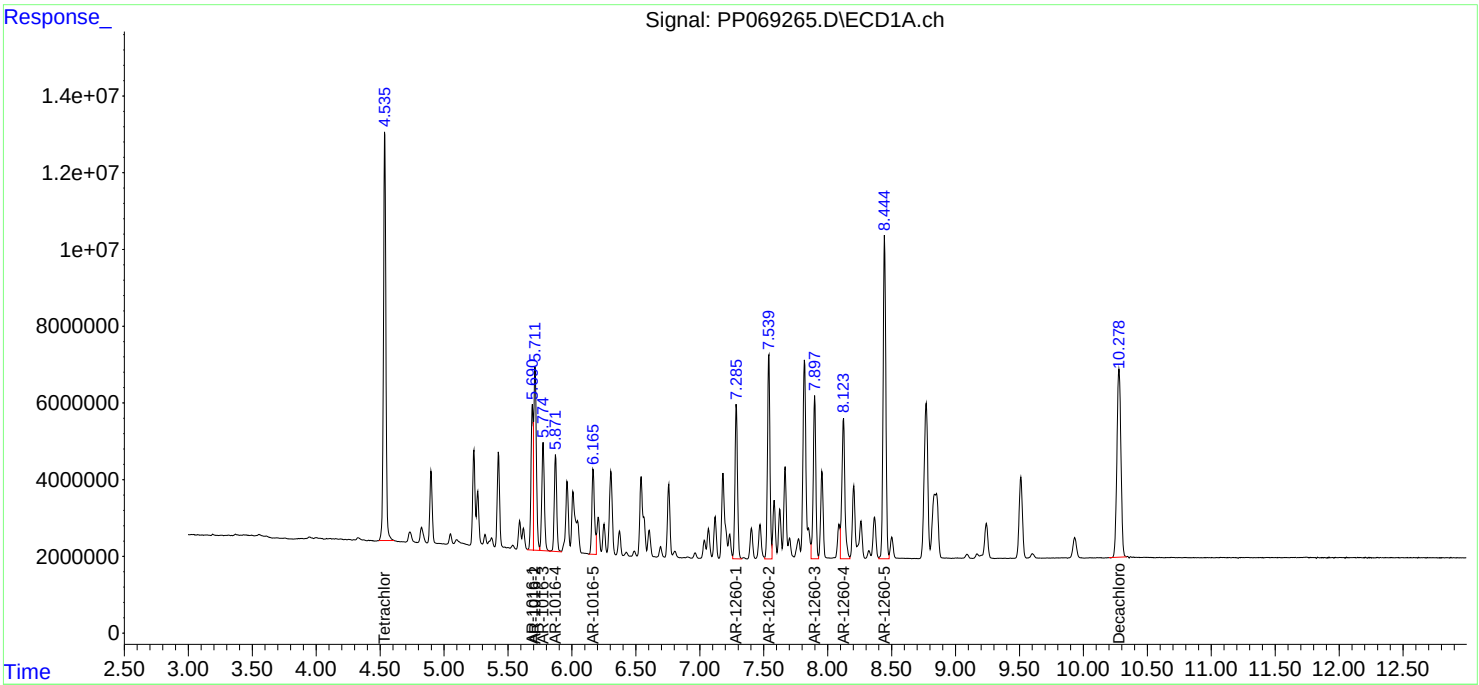
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

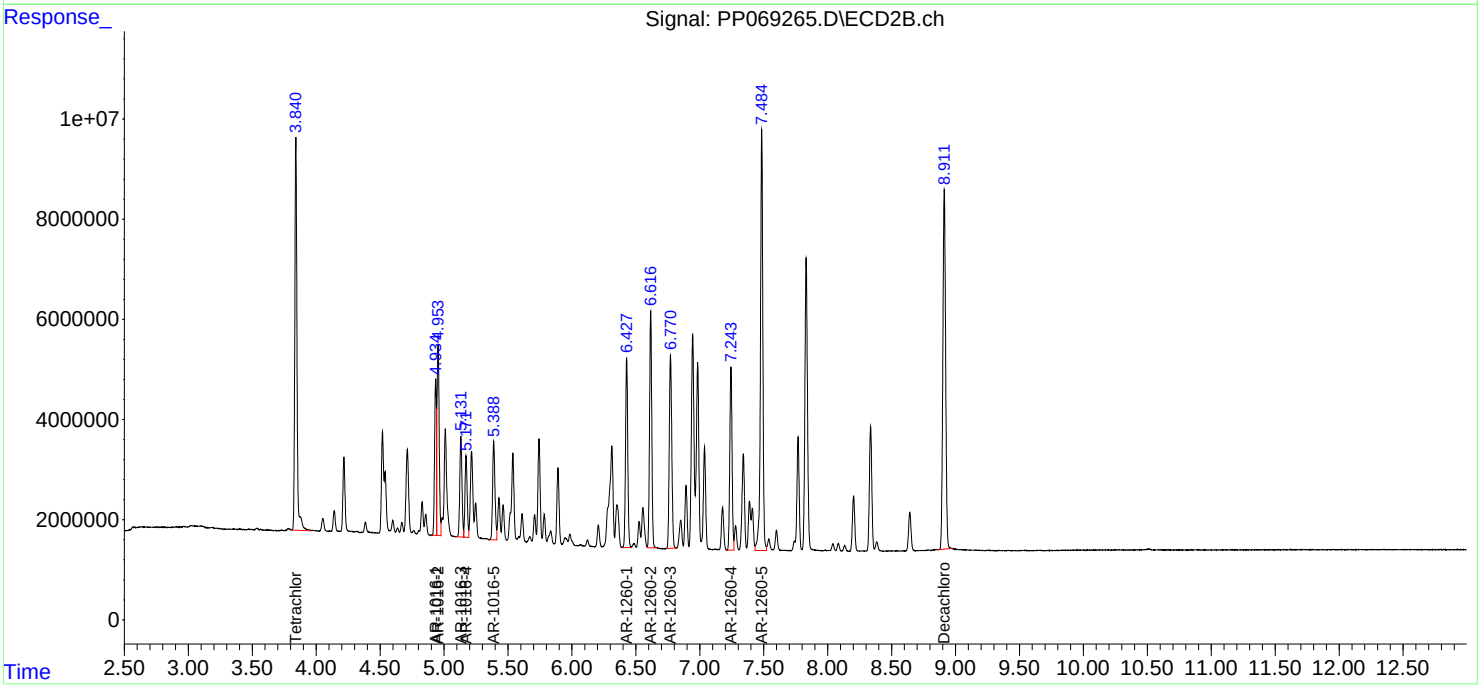
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069265.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 09:37
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

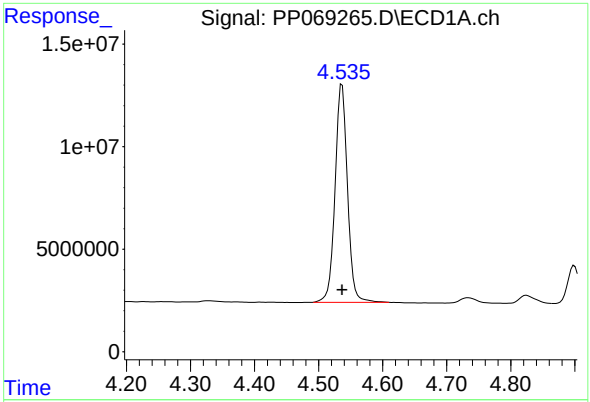
Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 10:44:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 10:41:22 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



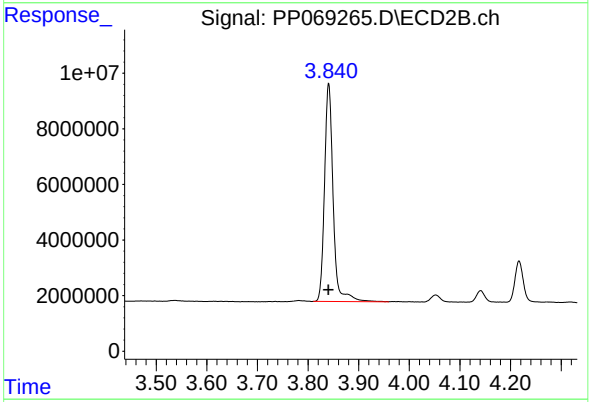




#1 Tetrachloro-m-xylene

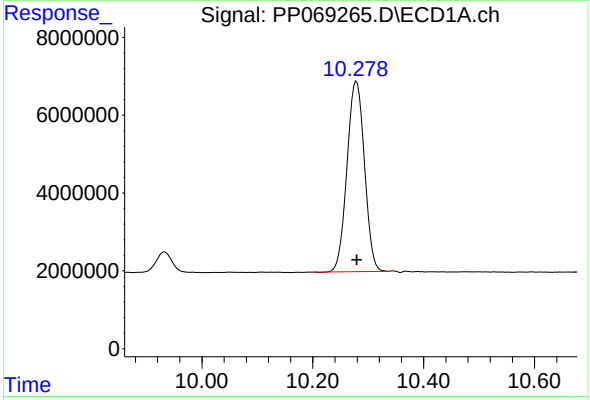
R.T.: 4.537 min
Delta R.T.: 0.000 min
Response: 143047326
Conc: 96.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



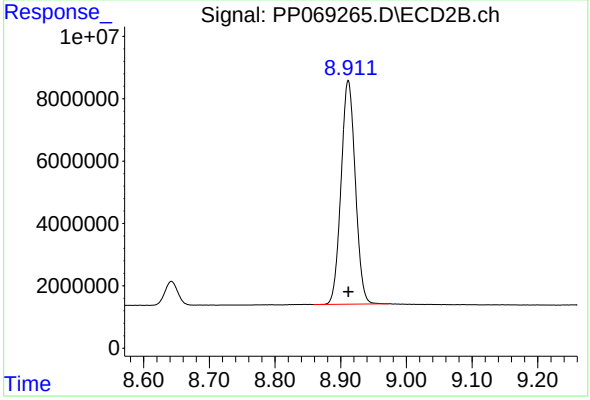
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 93147739
Conc: 101.14 ng/ml



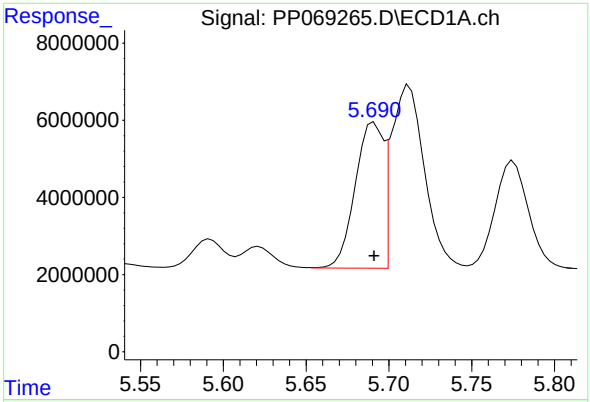
#2 Decachlorobiphenyl

R.T.: 10.279 min
Delta R.T.: 0.000 min
Response: 106916616
Conc: 95.52 ng/ml



#2 Decachlorobiphenyl

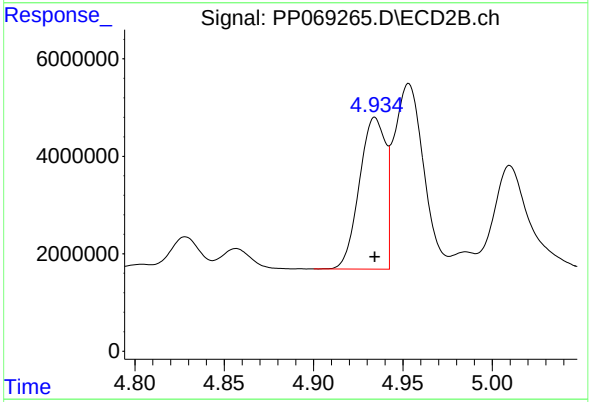
R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 108164874
Conc: 98.97 ng/ml



#3 AR-1016-1

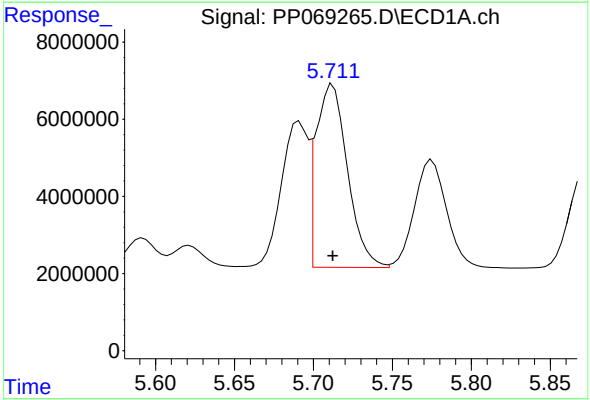
R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 44563885
Conc: 950.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



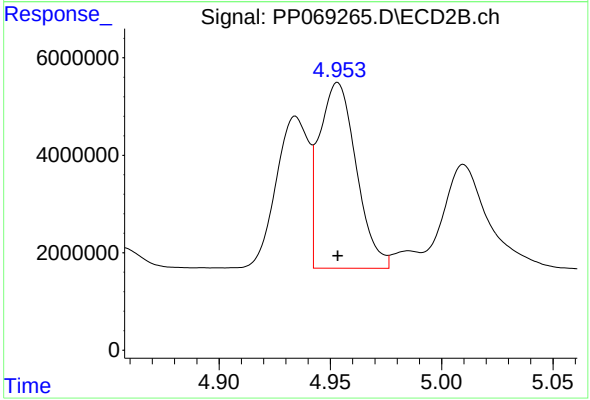
#3 AR-1016-1

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 31633685
Conc: 971.63 ng/ml



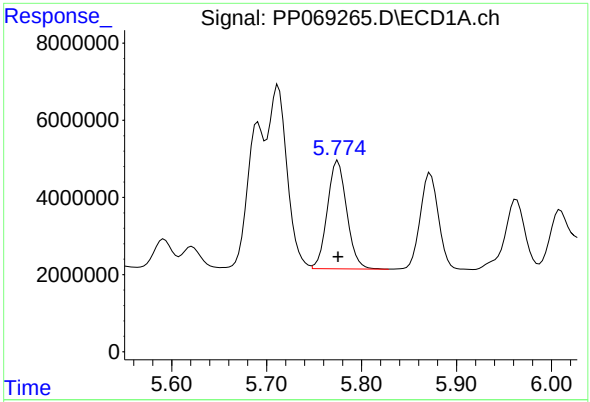
#4 AR-1016-2

R.T.: 5.712 min
Delta R.T.: 0.000 min
Response: 66115347
Conc: 966.79 ng/ml



#4 AR-1016-2

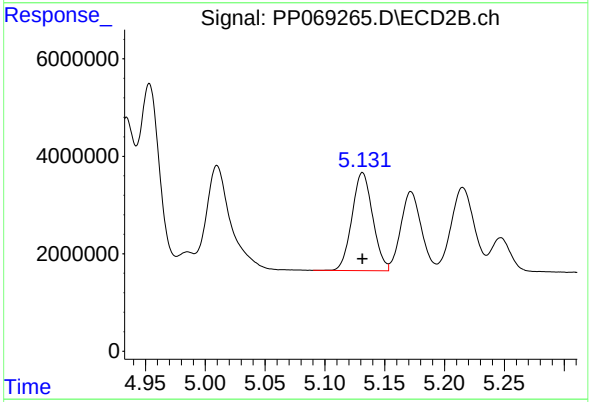
R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 44031797
Conc: 967.96 ng/ml



#5 AR-1016-3

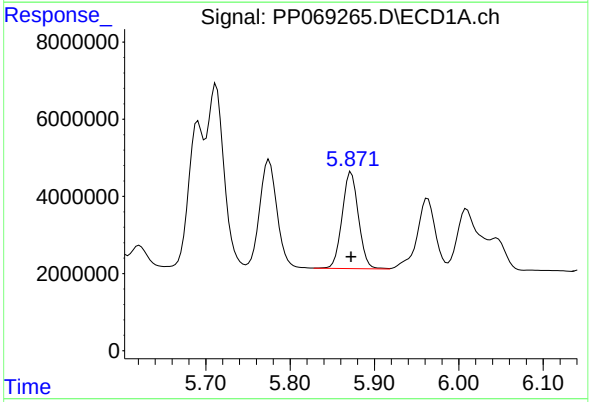
R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 39869399
Conc: 946.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



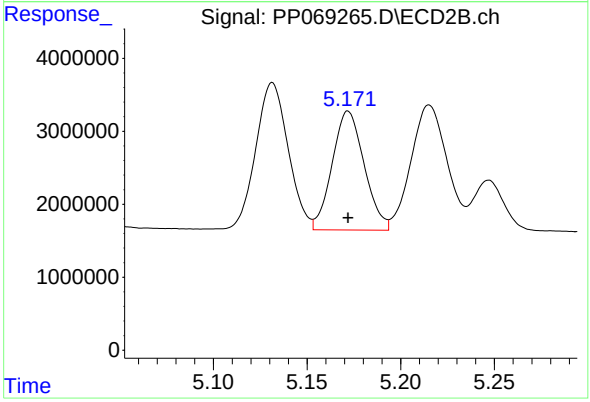
#5 AR-1016-3

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 24261336
Conc: 973.36 ng/ml



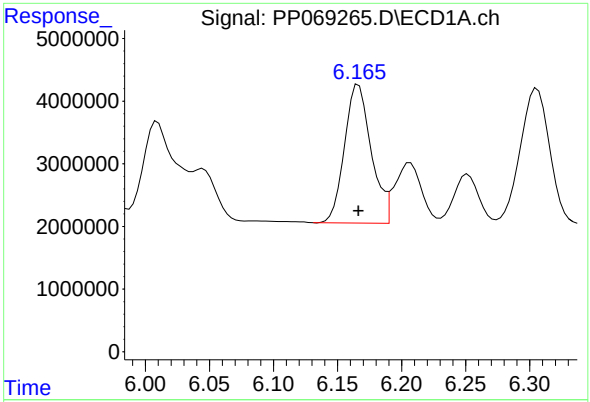
#6 AR-1016-4

R.T.: 5.872 min
Delta R.T.: 0.000 min
Response: 33707176
Conc: 957.22 ng/ml



#6 AR-1016-4

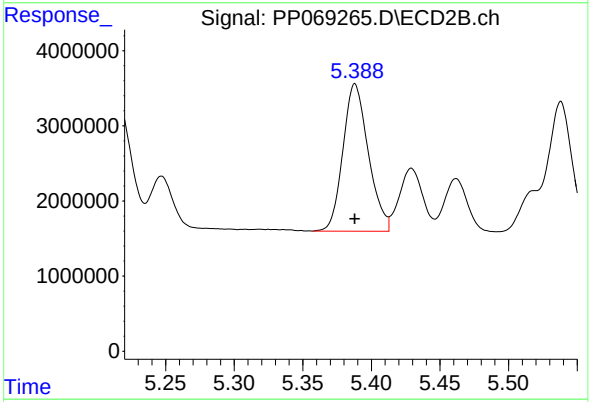
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 19438184
Conc: 961.36 ng/ml



#7 AR-1016-5

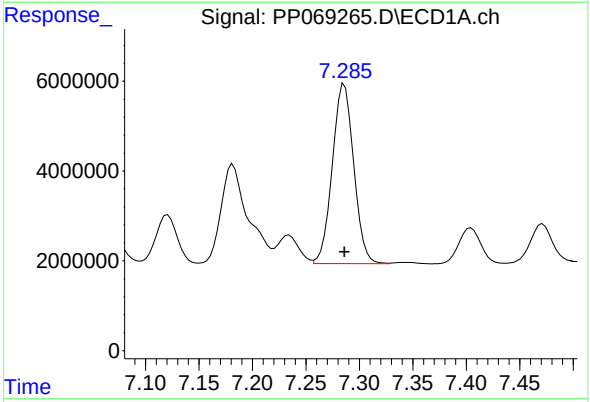
R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 32090736
Conc: 955.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



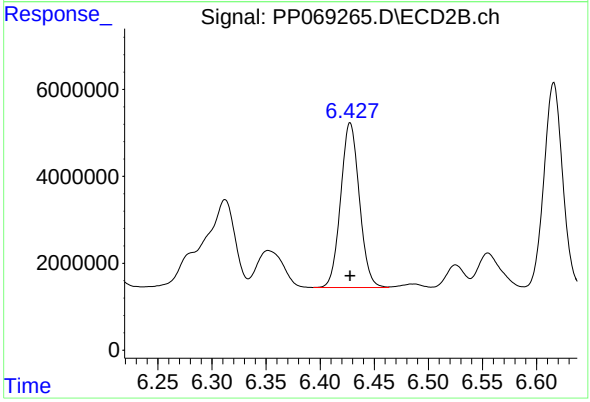
#7 AR-1016-5

R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 25297814
Conc: 965.36 ng/ml



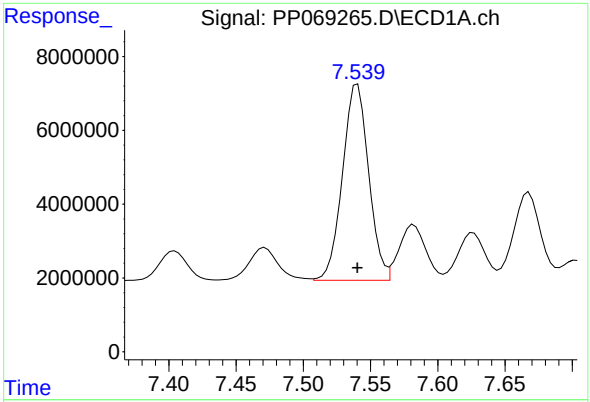
#31 AR-1260-1

R.T.: 7.286 min
Delta R.T.: 0.000 min
Response: 55810838
Conc: 952.91 ng/ml



#31 AR-1260-1

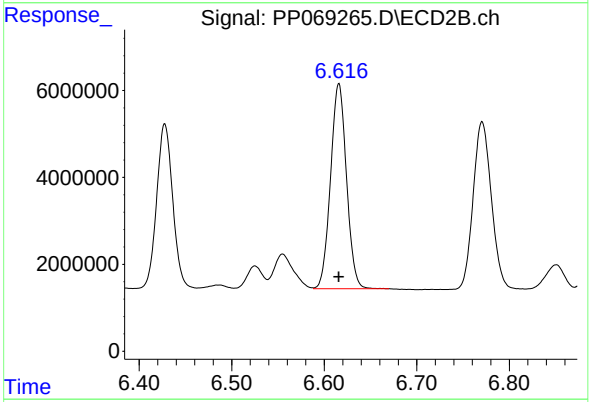
R.T.: 6.428 min
Delta R.T.: 0.000 min
Response: 45562804
Conc: 961.15 ng/ml



#32 AR-1260-2

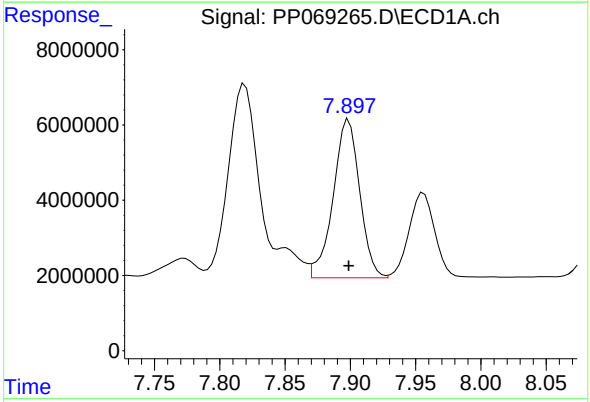
R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 71849008
Conc: 954.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



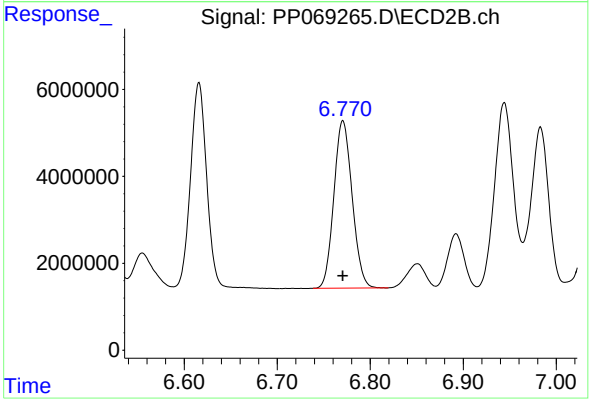
#32 AR-1260-2

R.T.: 6.616 min
Delta R.T.: 0.000 min
Response: 56383179
Conc: 948.64 ng/ml



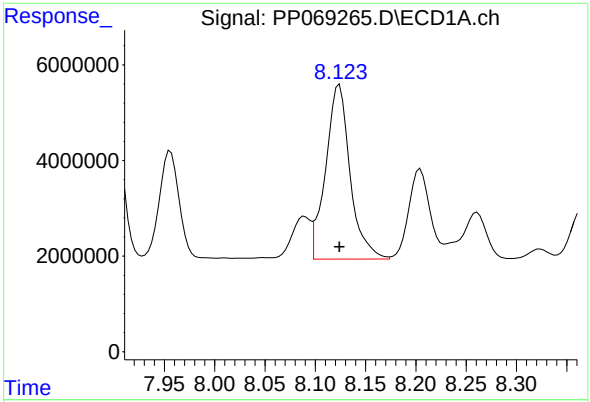
#33 AR-1260-3

R.T.: 7.899 min
Delta R.T.: 0.000 min
Response: 59639386
Conc: 962.01 ng/ml



#33 AR-1260-3

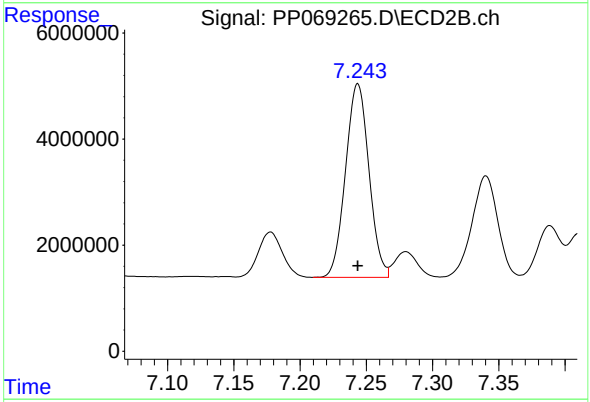
R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 52562549
Conc: 960.09 ng/ml



#34 AR-1260-4

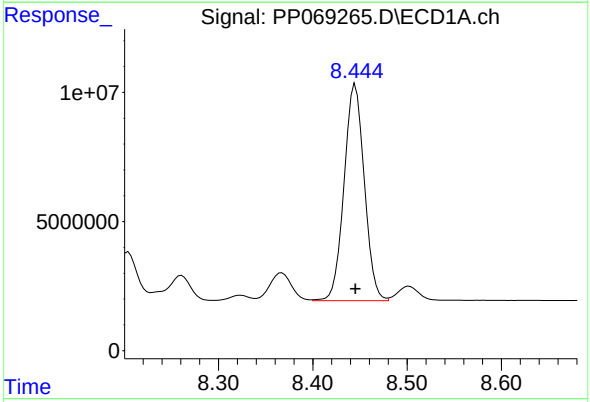
R.T.: 8.124 min
Delta R.T.: 0.000 min
Response: 61734973
Conc: 955.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



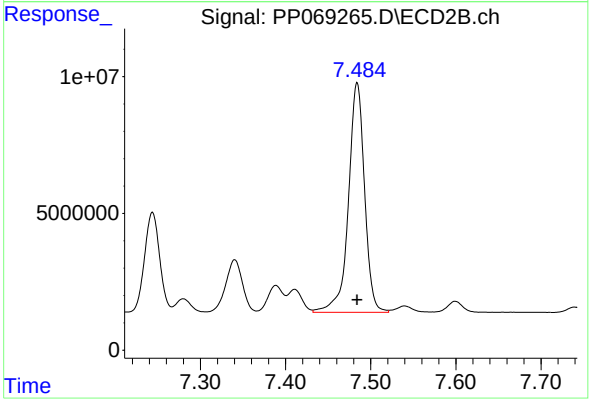
#34 AR-1260-4

R.T.: 7.244 min
Delta R.T.: 0.000 min
Response: 44924385
Conc: 971.00 ng/ml



#35 AR-1260-5

R.T.: 8.445 min
Delta R.T.: 0.000 min
Response: 125094433
Conc: 959.59 ng/ml



#35 AR-1260-5

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 110513786
Conc: 990.65 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069280.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 14:15
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 14:47:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 14:47:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.535	3.840	38900473	25359775	26.336	26.416
2)	SA Decachlor...	10.277	8.911	29432874	30058024	26.677	28.164
	Target Compounds						
21)	L5 AR-1248-1	5.689	4.933	9122332	6315546	281.174	278.735
22)	L5 AR-1248-2	5.962	5.171	11494735	8502337	270.029	282.333
23)	L5 AR-1248-3	6.165	5.214	12315718	8710002	263.285	279.197
24)	L5 AR-1248-4	6.564	5.387	16222923	10295186	288.362	277.163
25)	L5 AR-1248-5	6.603	5.783	16372924	10509480	304.616	277.028

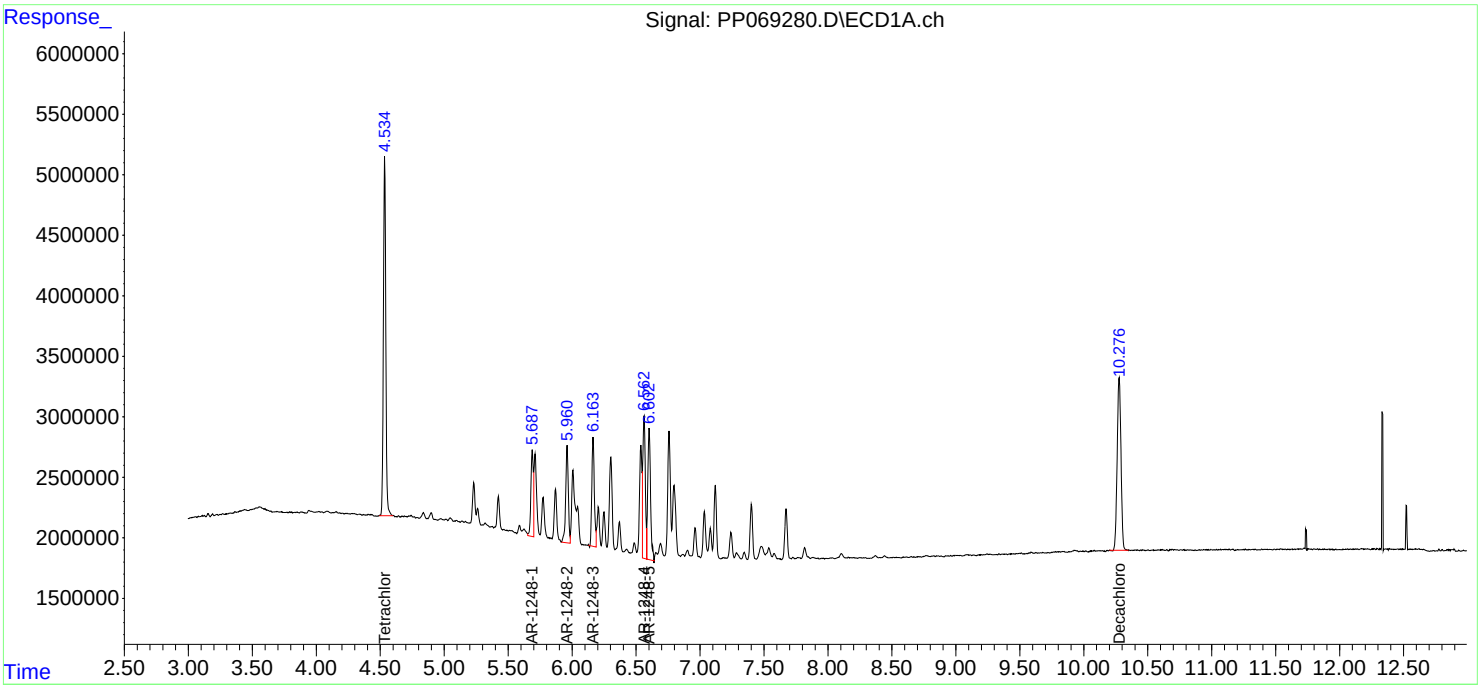
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

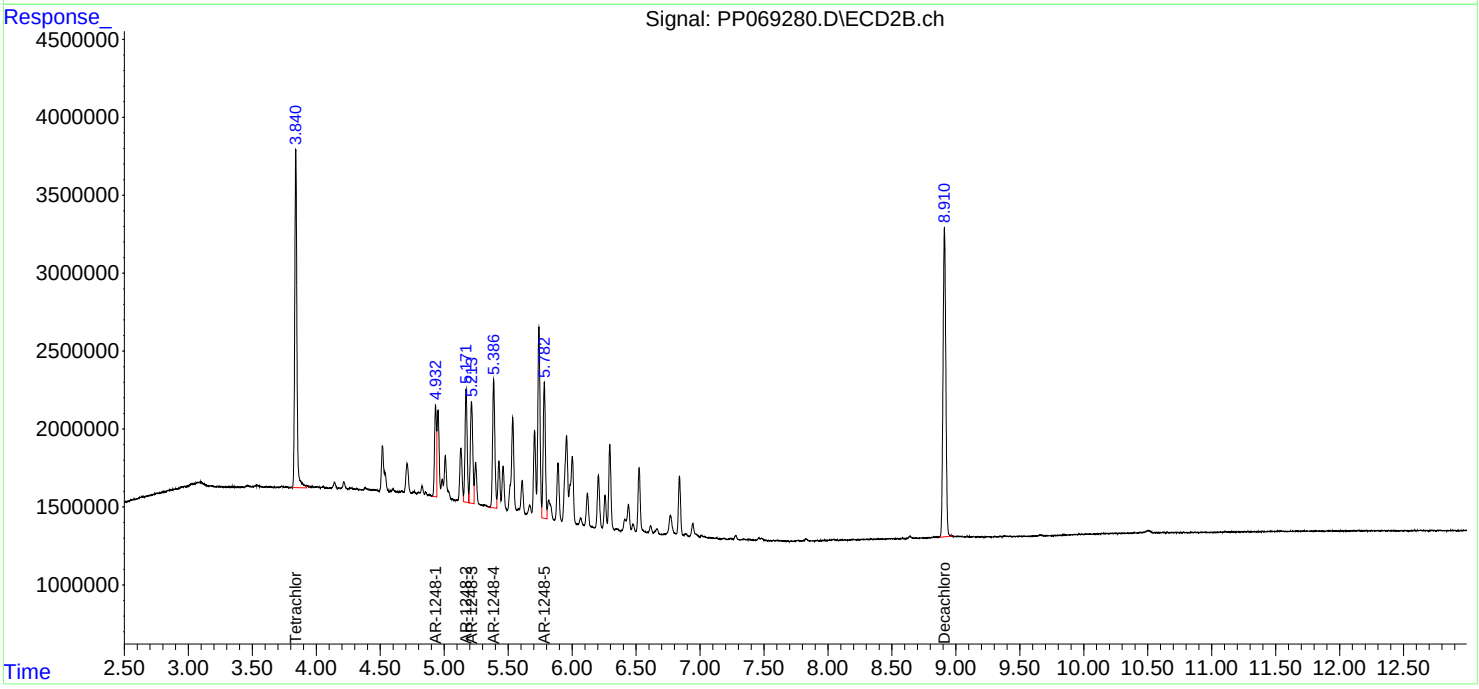
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069280.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 14:15
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

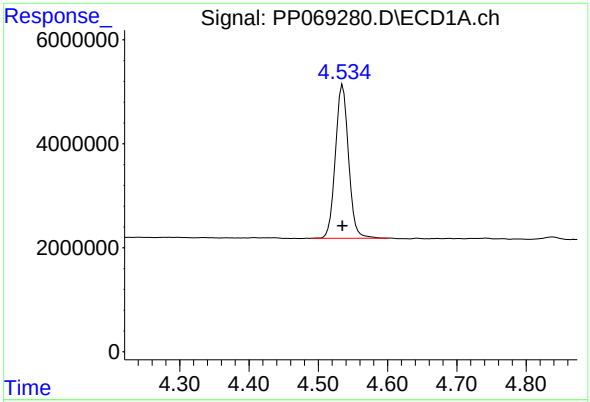
Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 14:47:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 14:47:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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



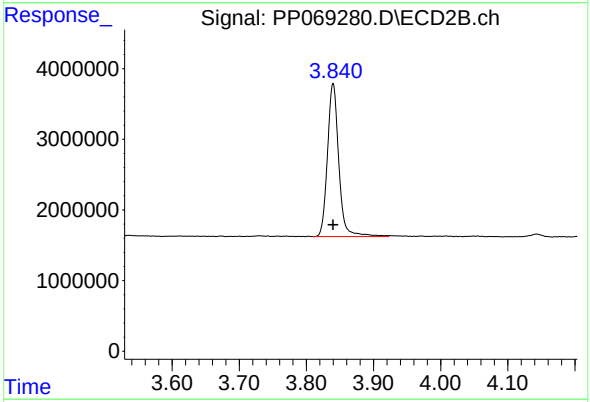




#1 Tetrachloro-m-xylene

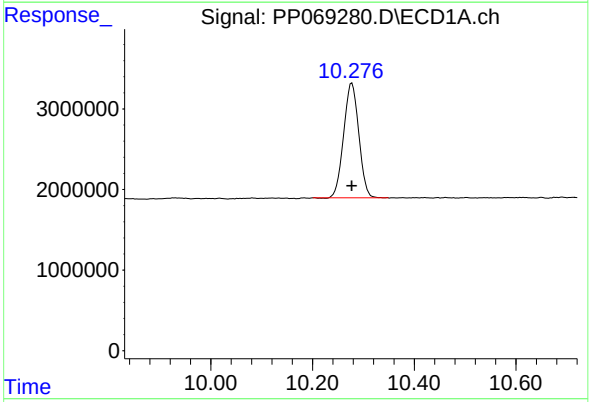
R.T.: 4.535 min
Delta R.T.: 0.000 min
Response: 38900473
Conc: 26.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



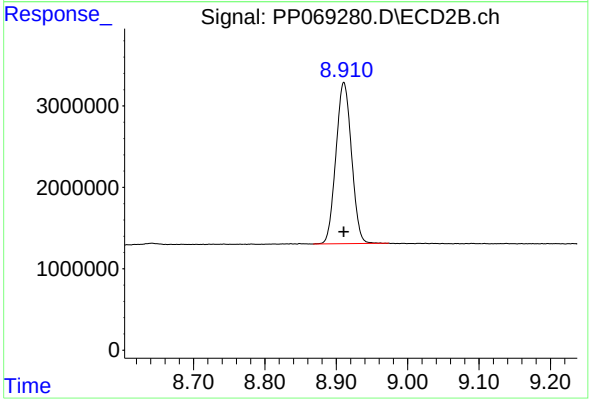
#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 25359775
Conc: 26.42 ng/ml



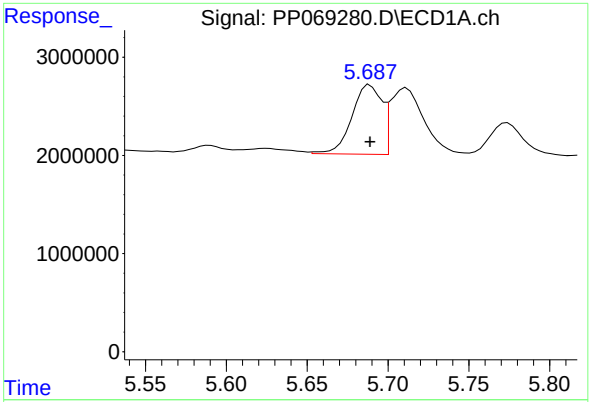
#2 Decachlorobiphenyl

R.T.: 10.277 min
Delta R.T.: 0.000 min
Response: 29432874
Conc: 26.68 ng/ml



#2 Decachlorobiphenyl

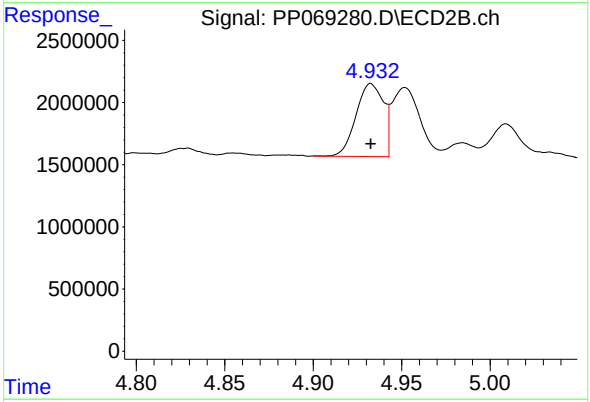
R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 30058024
Conc: 28.16 ng/ml



#21 AR-1248-1

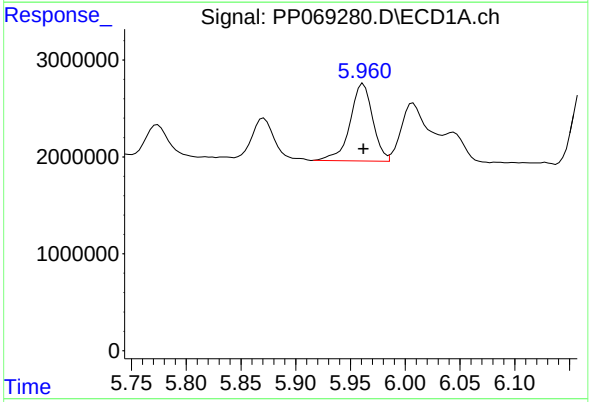
R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 9122332
Conc: 281.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



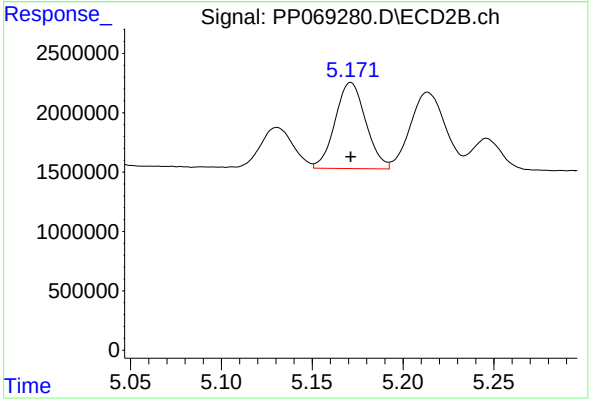
#21 AR-1248-1

R.T.: 4.933 min
Delta R.T.: 0.000 min
Response: 6315546
Conc: 278.73 ng/ml



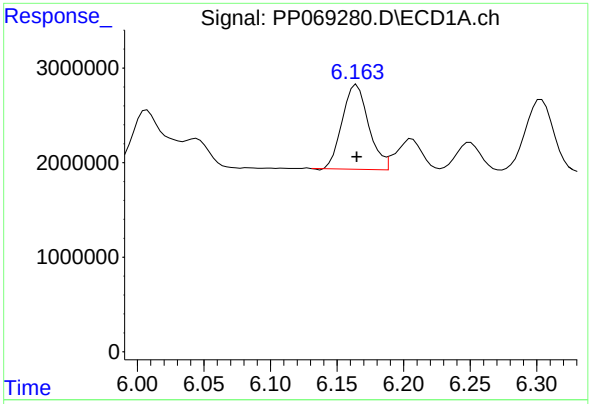
#22 AR-1248-2

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 11494735
Conc: 270.03 ng/ml



#22 AR-1248-2

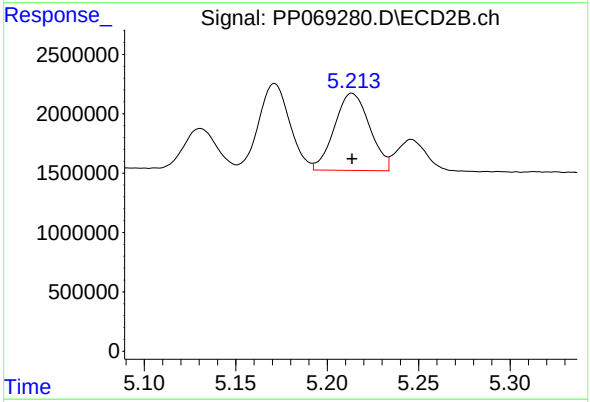
R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 8502337
Conc: 282.33 ng/ml



#23 AR-1248-3

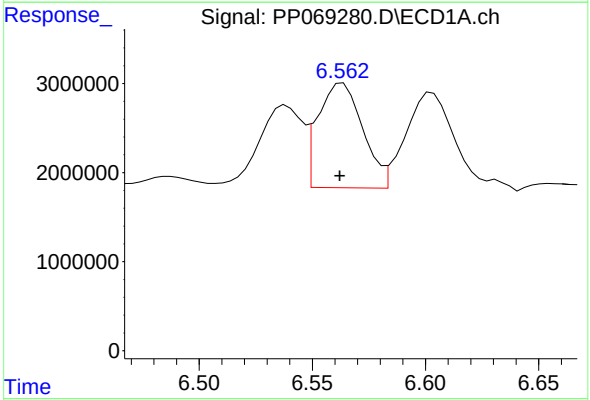
R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 12315718
Conc: 263.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



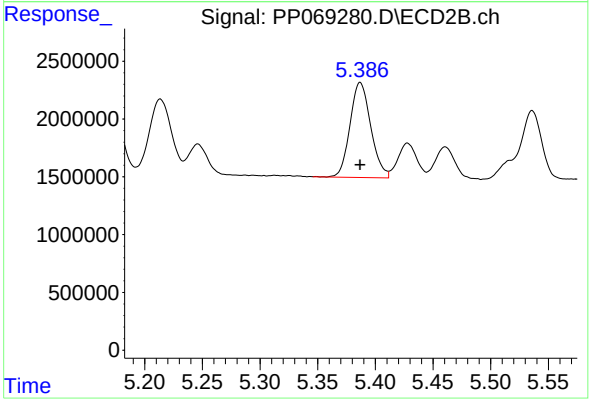
#23 AR-1248-3

R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 8710002
Conc: 279.20 ng/ml



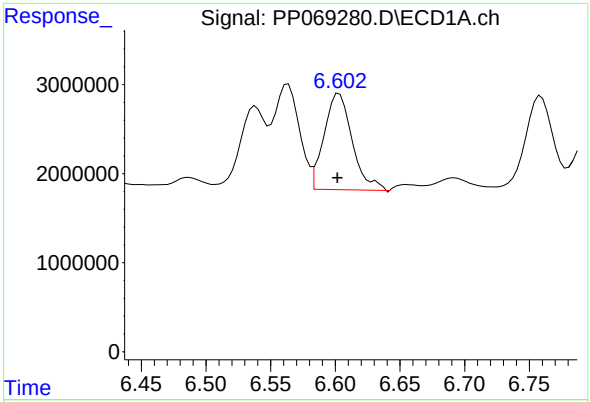
#24 AR-1248-4

R.T.: 6.564 min
Delta R.T.: 0.001 min
Response: 16222923
Conc: 288.36 ng/ml



#24 AR-1248-4

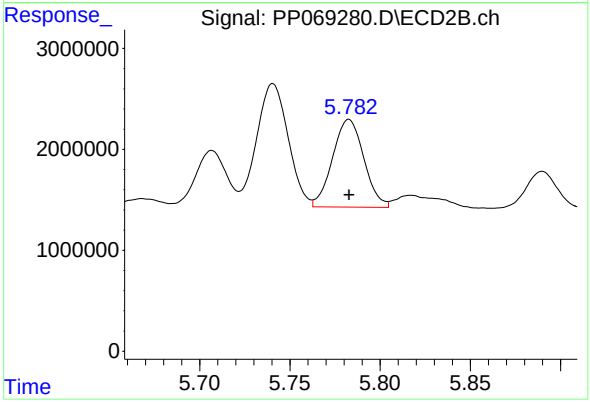
R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 10295186
Conc: 277.16 ng/ml



#25 AR-1248-5

R.T.: 6.603 min
Delta R.T.: 0.001 min
Response: 16372924
Conc: 304.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



#25 AR-1248-5

R.T.: 5.783 min
Delta R.T.: 0.000 min
Response: 10509480
Conc: 277.03 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069286.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 15:53
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 16:04:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 16:04:22 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...	4.538	3.841	5786281	4091392	4.049	4.382
2)	SA Decachlor...	10.277	8.912	4792685	5691534	4.413	4.993
	Target Compounds						
26)	L6 AR-1254-1	6.544	5.742	3716378	2628819	65.303	47.748 #
27)	L6 AR-1254-2	6.759	5.891	3901432	2408006	48.621	49.784
28)	L6 AR-1254-3	7.122	6.297	4219753	3542972	50.063	46.682
29)	L6 AR-1254-4	7.405	6.525	3314077	2474657	48.602	48.286
30)	L6 AR-1254-5	7.823	6.944	3170800	2933240	46.598	44.069

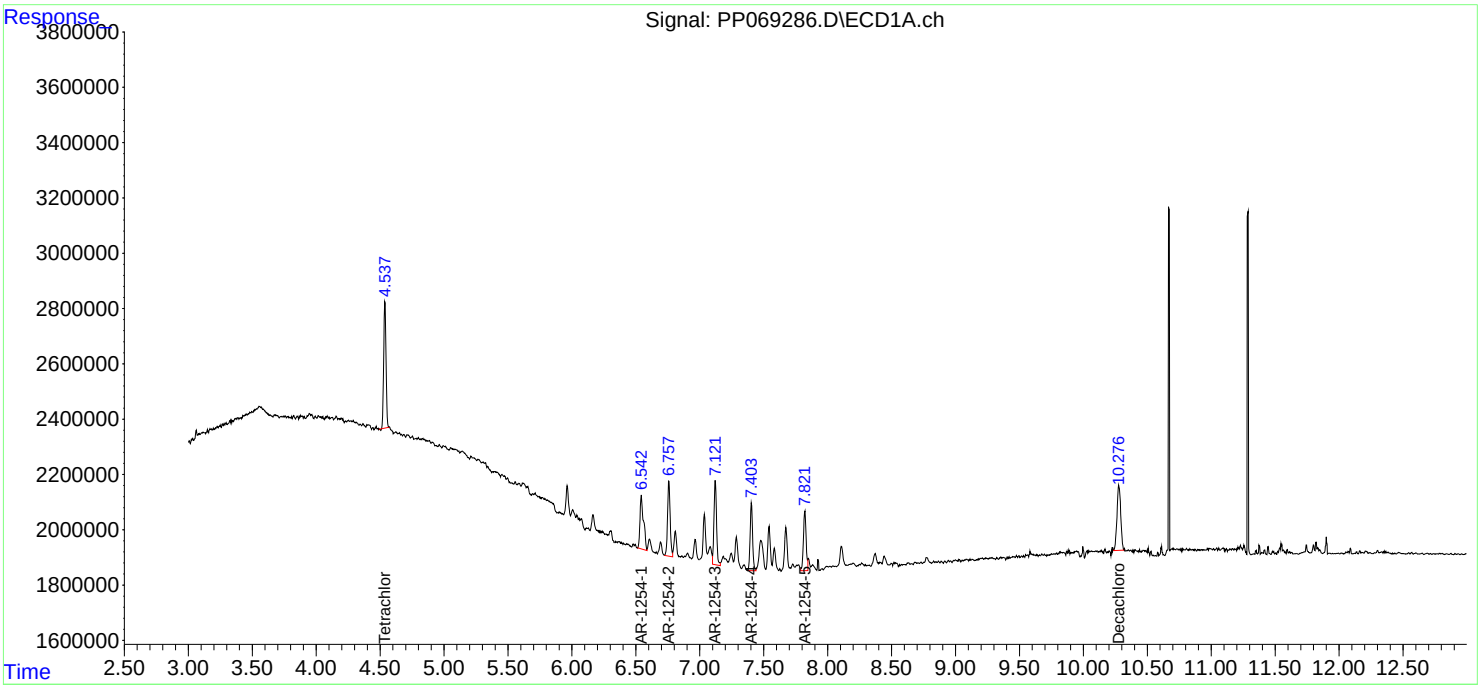
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

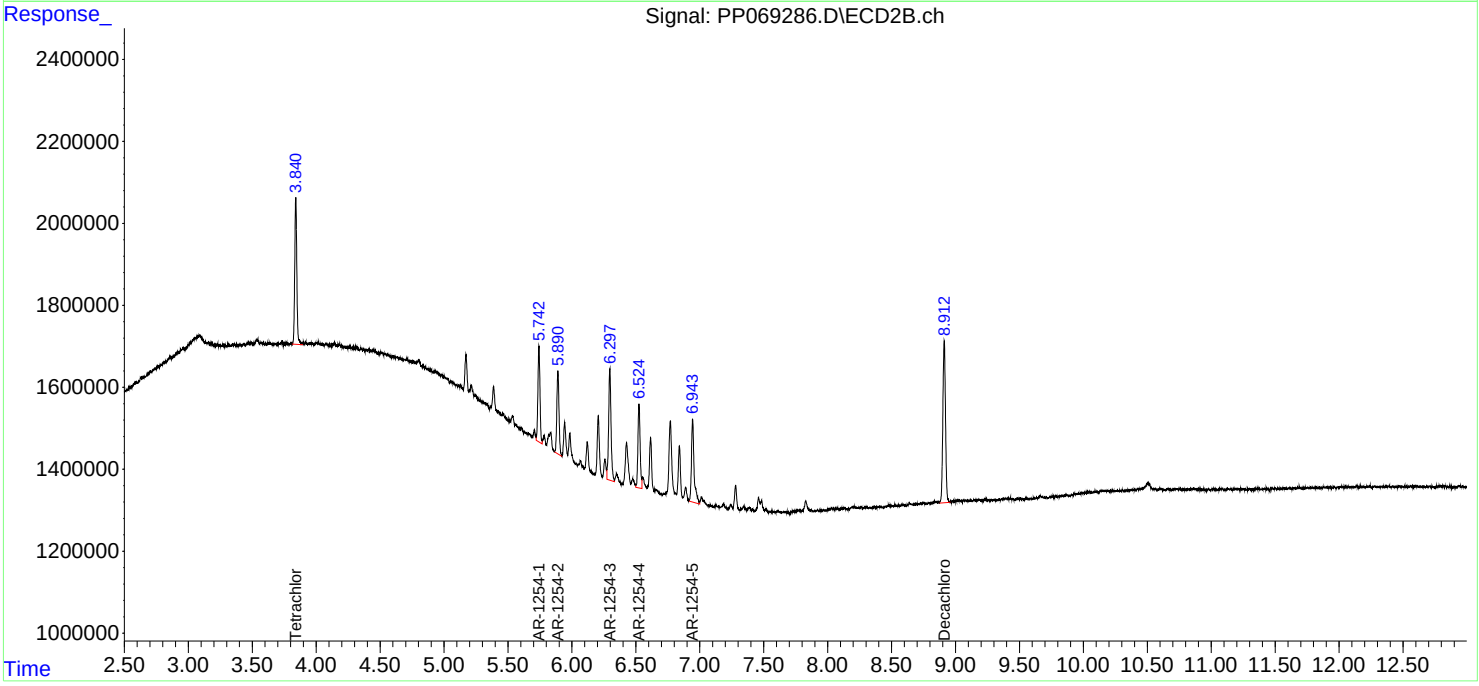
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069286.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 15:53
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

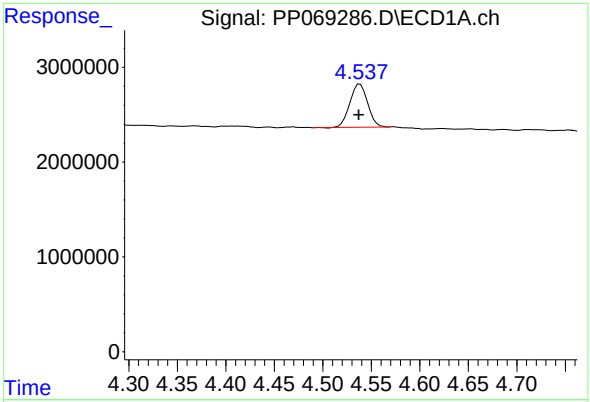
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 16:04:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 16:04:22 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



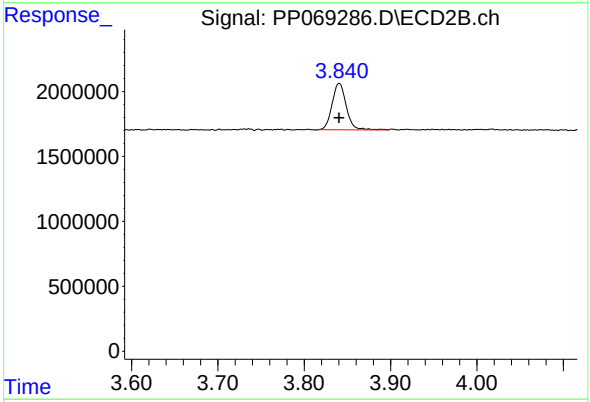




#1 Tetrachloro-m-xylene

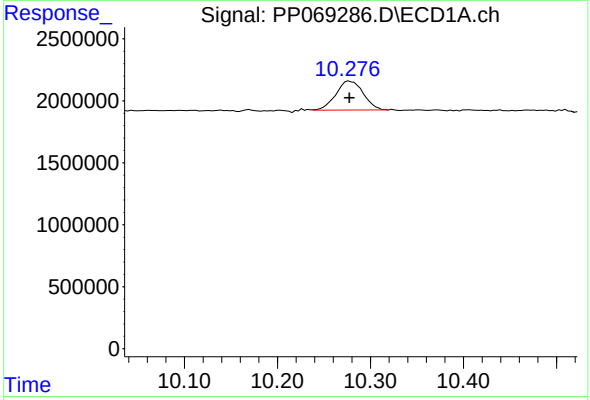
R.T.: 4.538 min
Delta R.T.: 0.001 min
Response: 5786281
Conc: 4.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



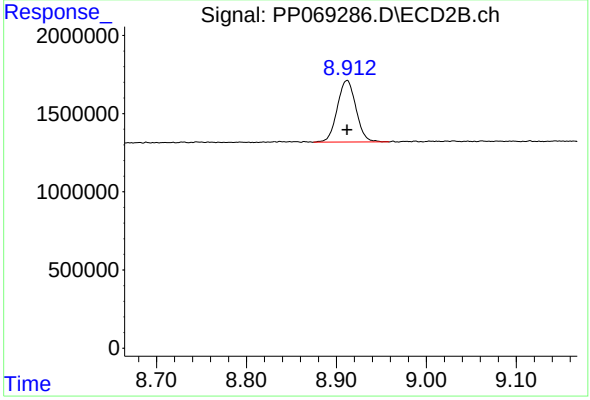
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 4091392
Conc: 4.38 ng/ml



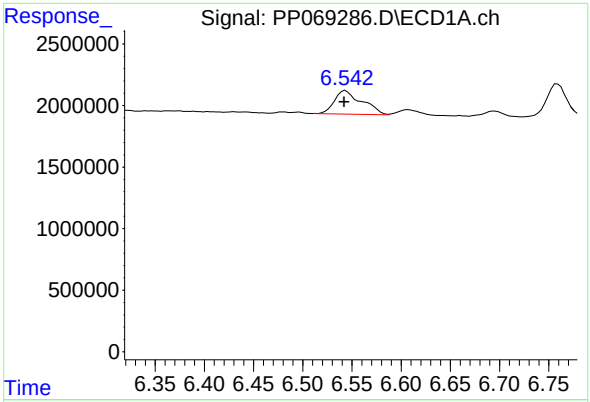
#2 Decachlorobiphenyl

R.T.: 10.277 min
Delta R.T.: 0.000 min
Response: 4792685
Conc: 4.41 ng/ml



#2 Decachlorobiphenyl

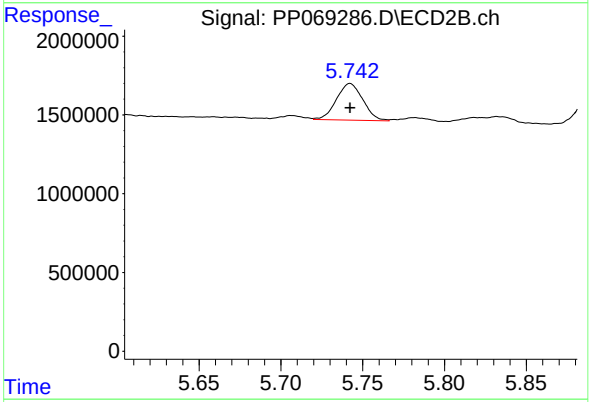
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 5691534
Conc: 4.99 ng/ml



#26 AR-1254-1

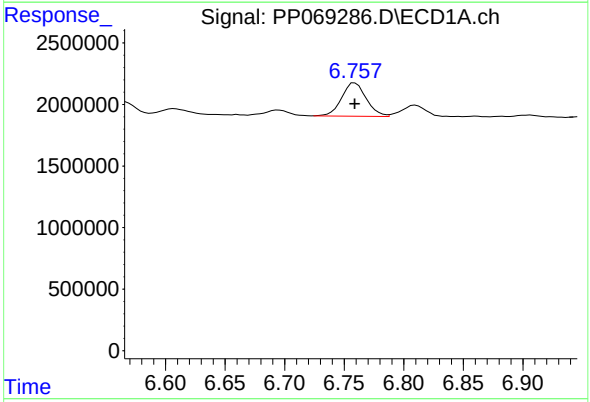
R.T.: 6.544 min
Delta R.T.: 0.001 min
Response: 3716378
Conc: 65.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



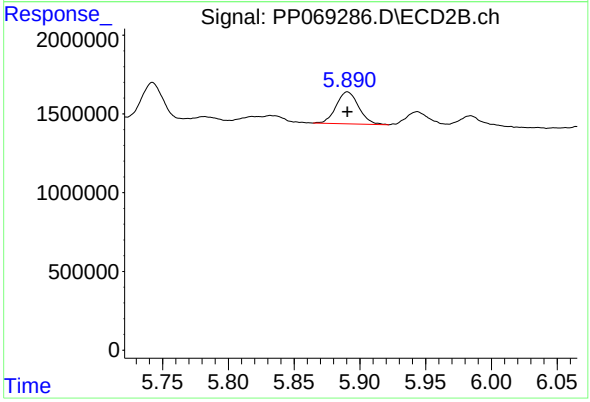
#26 AR-1254-1

R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 2628819
Conc: 47.75 ng/ml



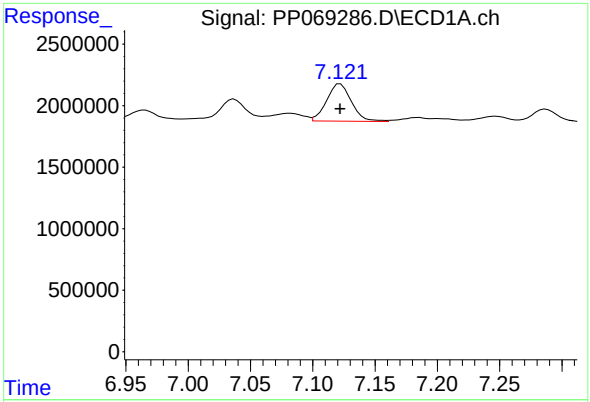
#27 AR-1254-2

R.T.: 6.759 min
Delta R.T.: 0.000 min
Response: 3901432
Conc: 48.62 ng/ml



#27 AR-1254-2

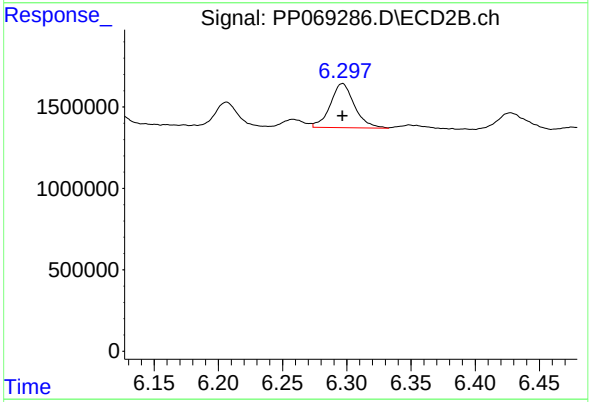
R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 2408006
Conc: 49.78 ng/ml



#28 AR-1254-3

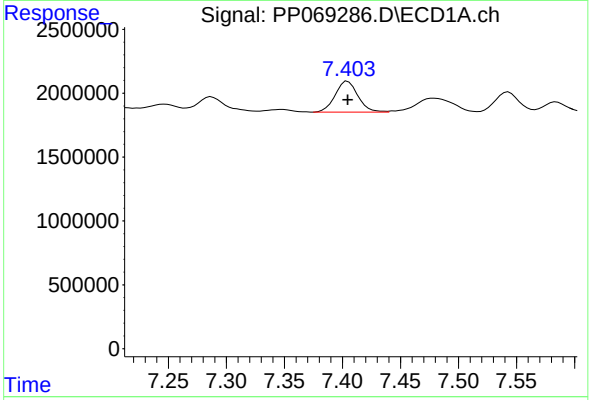
R.T.: 7.122 min
Delta R.T.: 0.000 min
Response: 4219753
Conc: 50.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



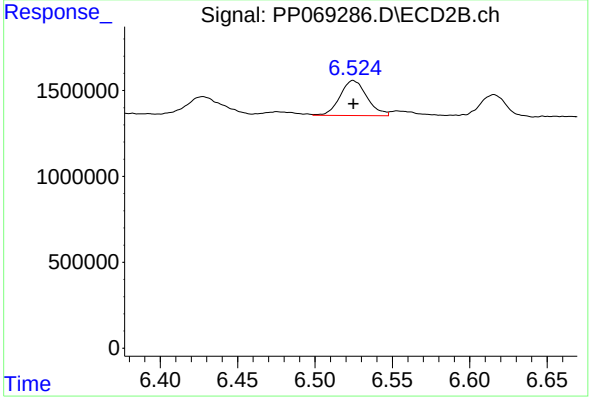
#28 AR-1254-3

R.T.: 6.297 min
Delta R.T.: 0.000 min
Response: 3542972
Conc: 46.68 ng/ml



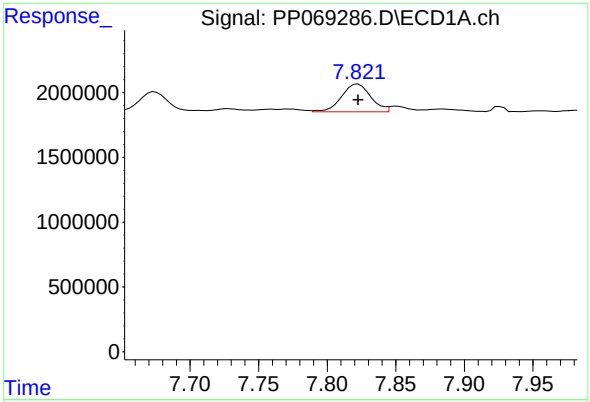
#29 AR-1254-4

R.T.: 7.405 min
Delta R.T.: 0.000 min
Response: 3314077
Conc: 48.60 ng/ml



#29 AR-1254-4

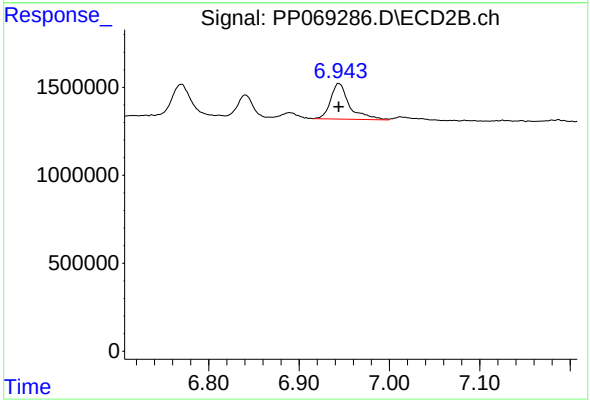
R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 2474657
Conc: 48.29 ng/ml



#30 AR-1254-5

R.T.: 7.823 min
Delta R.T.: 0.000 min
Response: 3170800
Conc: 46.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



#30 AR-1254-5

R.T.: 6.944 min
Delta R.T.: 0.000 min
Response: 2933240
Conc: 44.07 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069292.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 17:30
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 17:46:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:46:12 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...	4.539	3.840	4546635	2843700	3.290	3.181
2)	SA Decachlor...	10.278	8.910	5979560	6573940	3.419	3.771
	Target Compounds						
41)	L9 AR-1268-1	8.763	7.767	6295775	5422252	35.654	37.363
42)	L9 AR-1268-2	8.857	7.832	5727609	4780082	36.395	35.990
43)	L9 AR-1268-3	9.093	8.039	4626946	4204668	34.600	36.968
44)	L9 AR-1268-4	9.511	8.335	1957538	1726940	33.336	33.161
45)	L9 AR-1268-5	9.933	8.641	13066763	12717604	34.305	35.705

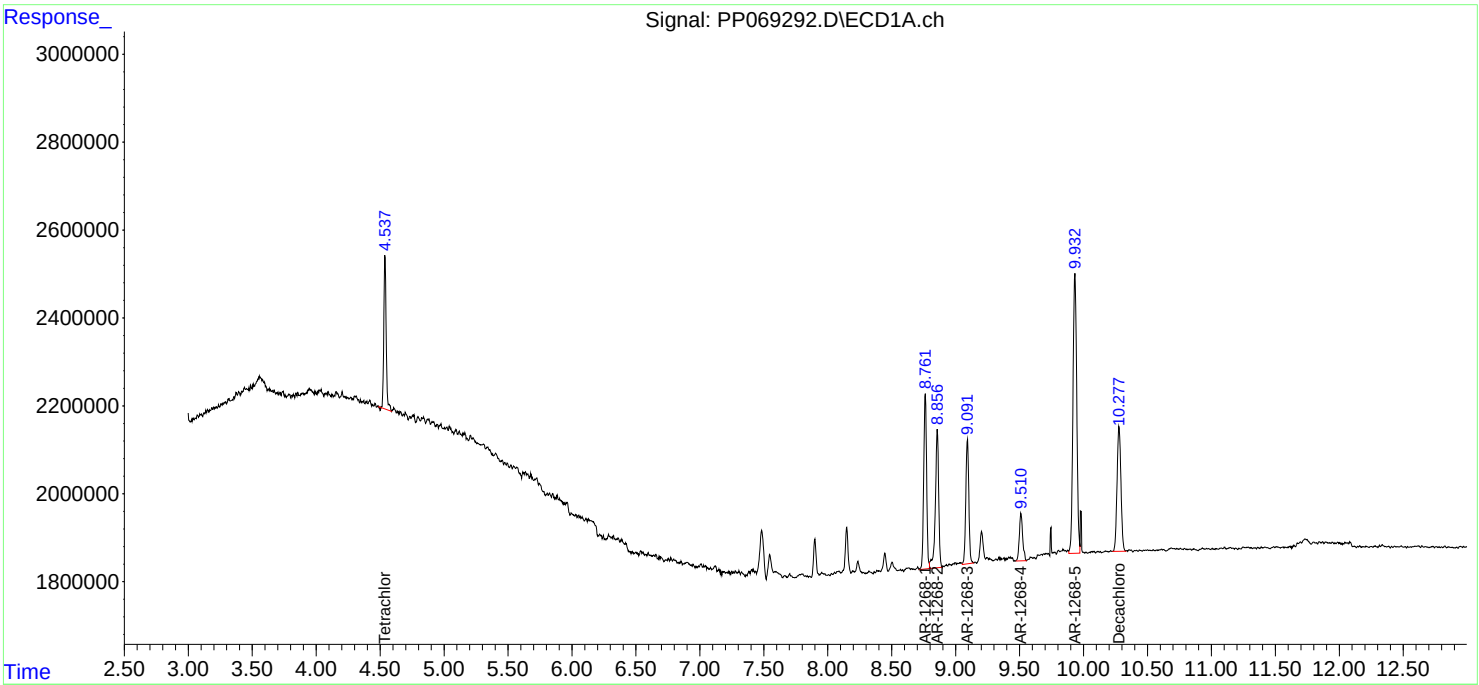
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

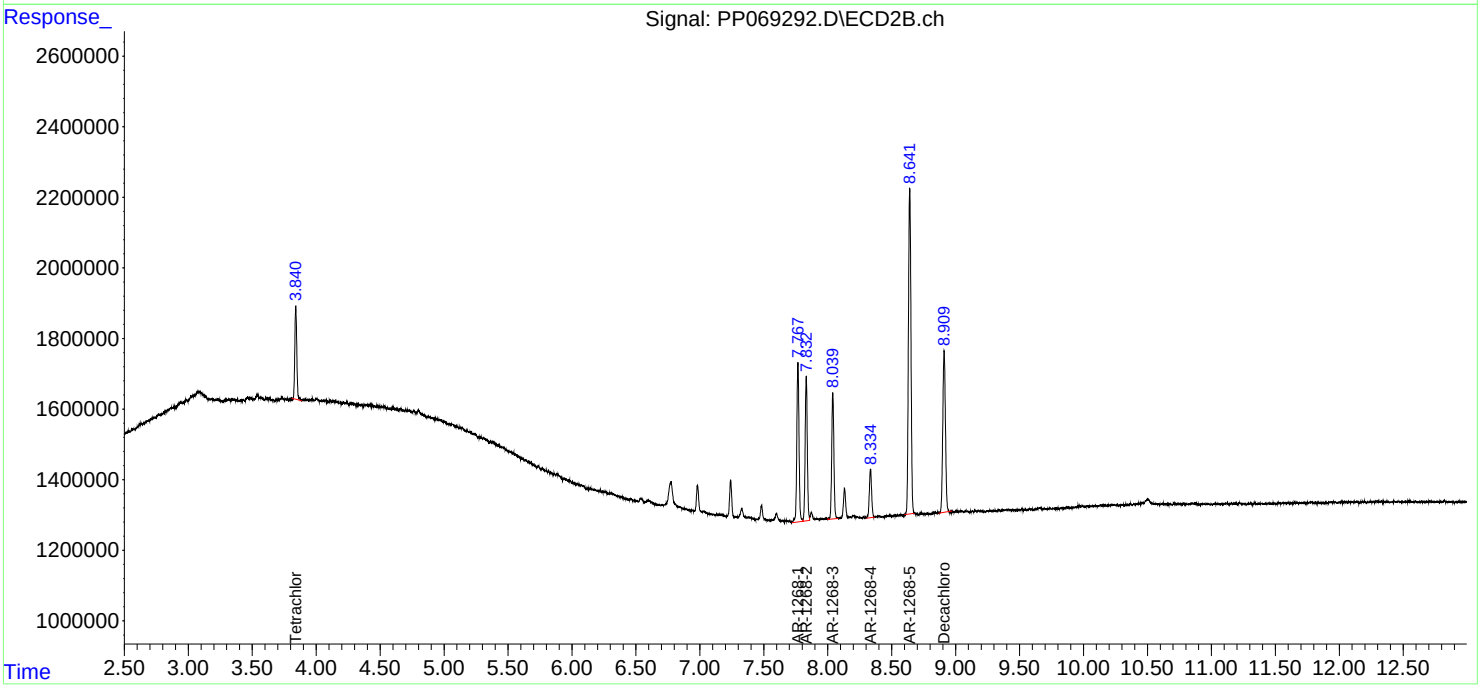
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069292.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 17:30
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

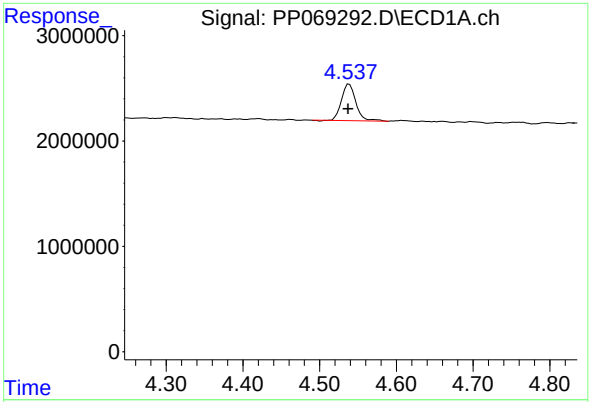
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 17:46:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:46:12 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



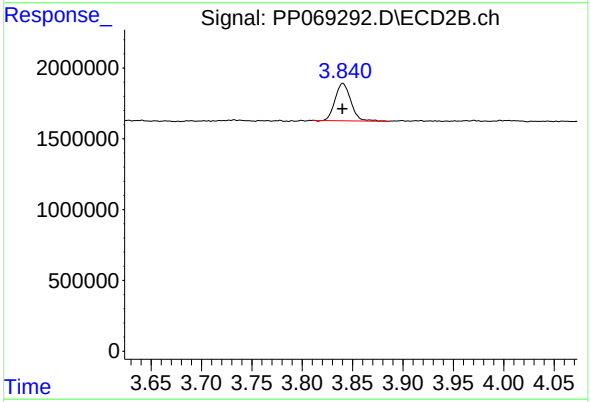




#1 Tetrachloro-m-xylene

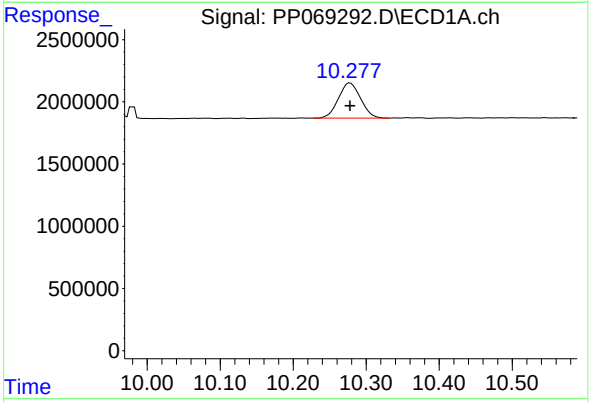
R.T.: 4.539 min
Delta R.T.: 0.002 min
Response: 4546635
Conc: 3.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



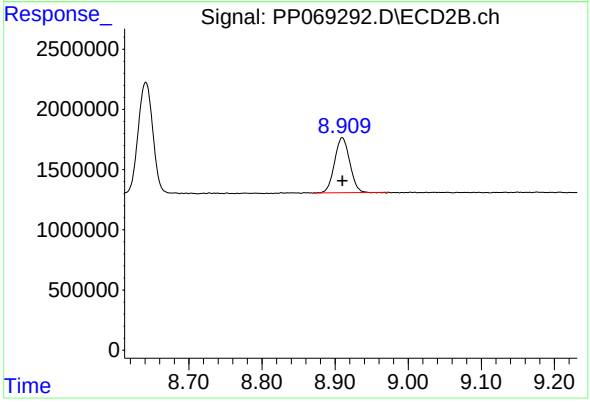
#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 2843700
Conc: 3.18 ng/ml



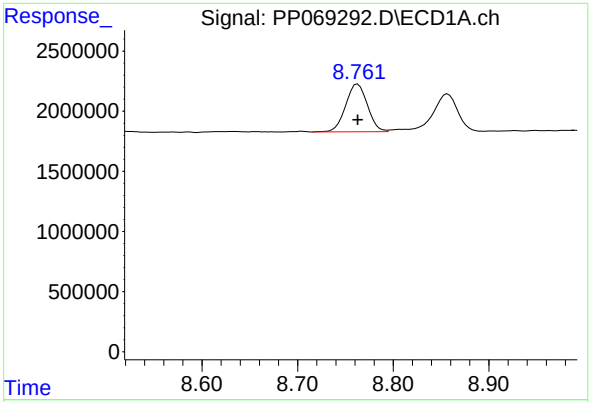
#2 Decachlorobiphenyl

R.T.: 10.278 min
Delta R.T.: 0.000 min
Response: 5979560
Conc: 3.42 ng/ml



#2 Decachlorobiphenyl

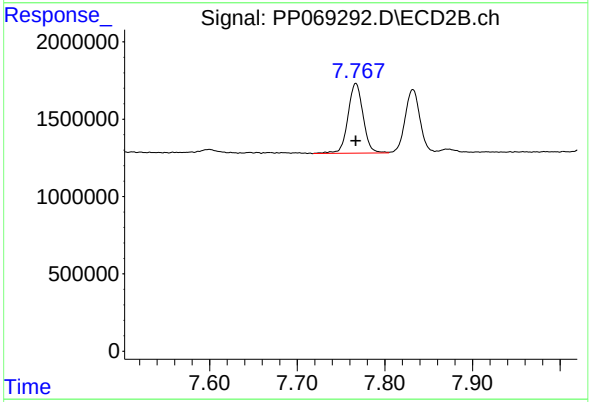
R.T.: 8.910 min
Delta R.T.: 0.000 min
Response: 6573940
Conc: 3.77 ng/ml



#41 AR-1268-1

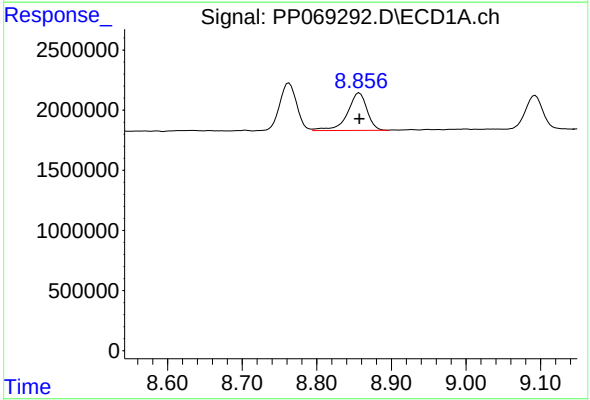
R.T.: 8.763 min
Delta R.T.: 0.000 min
Response: 6295775
Conc: 35.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



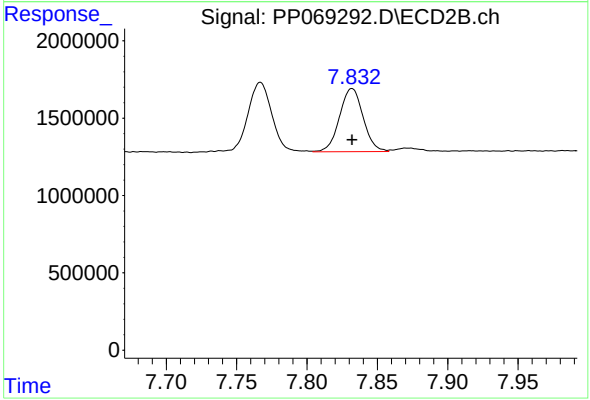
#41 AR-1268-1

R.T.: 7.767 min
Delta R.T.: 0.000 min
Response: 5422252
Conc: 37.36 ng/ml



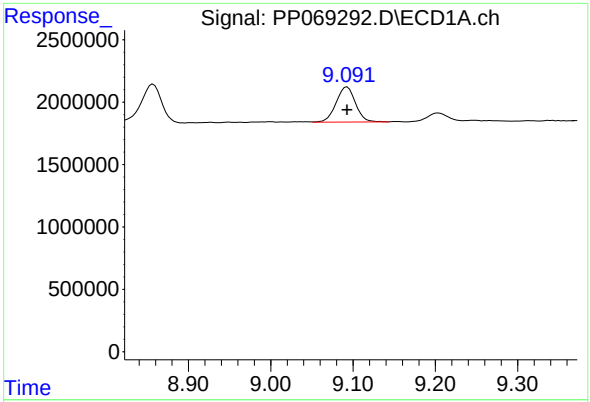
#42 AR-1268-2

R.T.: 8.857 min
Delta R.T.: 0.000 min
Response: 5727609
Conc: 36.40 ng/ml



#42 AR-1268-2

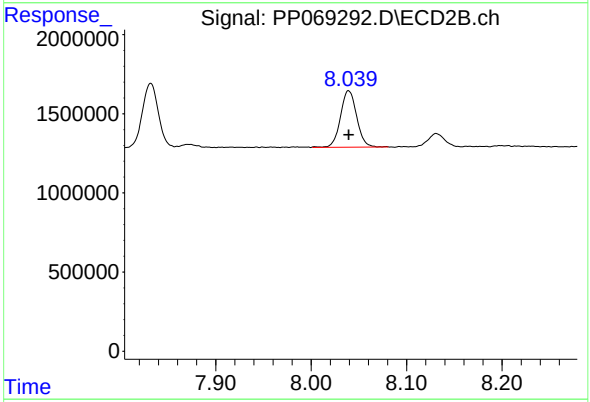
R.T.: 7.832 min
Delta R.T.: 0.000 min
Response: 4780082
Conc: 35.99 ng/ml



#43 AR-1268-3

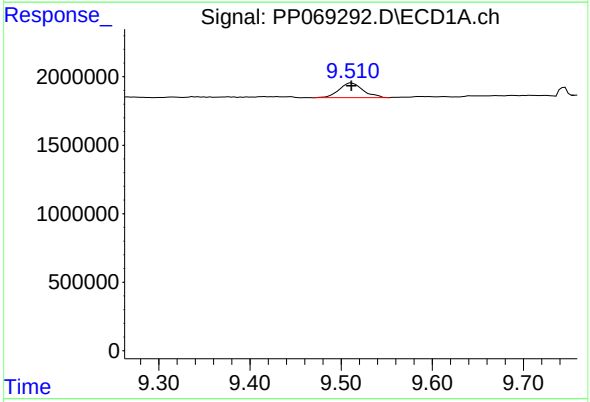
R.T.: 9.093 min
Delta R.T.: 0.000 min
Response: 4626946
Conc: 34.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



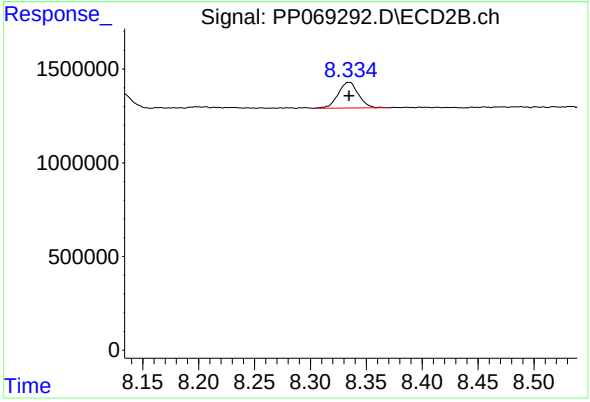
#43 AR-1268-3

R.T.: 8.039 min
Delta R.T.: 0.000 min
Response: 4204668
Conc: 36.97 ng/ml



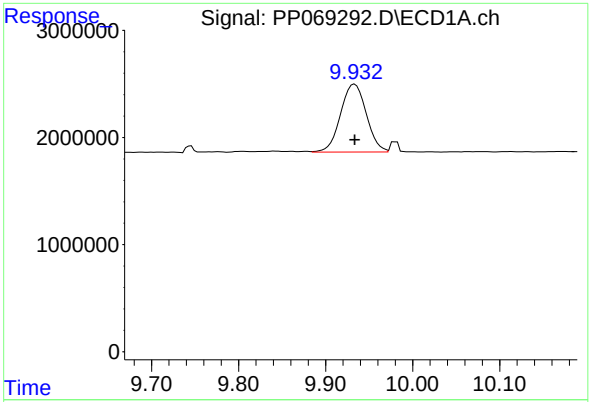
#44 AR-1268-4

R.T.: 9.511 min
Delta R.T.: 0.000 min
Response: 1957538
Conc: 33.34 ng/ml



#44 AR-1268-4

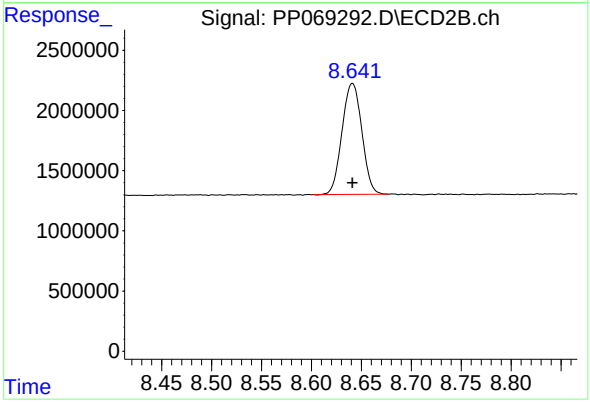
R.T.: 8.335 min
Delta R.T.: 0.000 min
Response: 1726940
Conc: 33.16 ng/ml



#45 AR-1268-5

R.T.: 9.933 min
Delta R.T.: 0.000 min
Response: 13066763
Conc: 34.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



#45 AR-1268-5

R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 12717604
Conc: 35.71 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021225\
Data File : PP069670.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Feb 2025 09:38
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 12 22:22:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.536	3.839	77724364	47781678	54.296	53.535	
2)	SA Decachlor...	10.269	8.900	53148639	51733128	48.631	46.253	
	Target Compounds							
3)	L1 AR-1016-1	5.689	4.929	23854308	16863345	514.845	517.042	
4)	L1 AR-1016-2	5.710	4.948	35628265	23548044	524.893	523.774	
5)	L1 AR-1016-3	5.773	5.126	21754552	13121696	510.711	527.315	
6)	L1 AR-1016-4	5.871	5.167	18256651	10418636	521.612	515.869	
7)	L1 AR-1016-5	6.164	5.382	16946662	14141747	512.626	527.207	
8)	L2 AR-1221-1	4.733	4.049	2417704	1780672	127.117	144.558	
9)	L2 AR-1221-2	4.822	4.138	3710755	2790426	271.006	288.167	
10)	L2 AR-1221-3	4.898	4.213	13293257	9648480	316.933	330.720	
11)	L3 AR-1232-1	4.898	4.213	13293257	9648480	399.273	410.932	
12)	L3 AR-1232-2	5.424	4.948	16963837	23548044	1038.051	998.994	
13)	L3 AR-1232-3	5.710	5.126	35628265	13121696	1036.942	1013.474	
14)	L3 AR-1232-4	5.871	5.210	18256651	12503847	1024.722	1127.864	
15)	L3 AR-1232-5	5.960	5.382	15589111	14141747	1360.019	1158.180	
16)	L4 AR-1242-1	5.689	4.929	23854308	16863345	571.973	584.882	
17)	L4 AR-1242-2	5.710	4.948	35628265	23548044	603.962	597.700	
18)	L4 AR-1242-3	5.773	5.126	21754552	13121696	586.398	583.081	
19)	L4 AR-1242-4	5.871	5.210	18256651	12503847	556.696	579.358	
20)	L4 AR-1242-5	6.602	5.737	5487814	14208027	168.419	493.877	#
21)	L5 AR-1248-1	5.689	4.929	23854308	16863345	735.358	766.148	
22)	L5 AR-1248-2	5.960	5.167	15589111	10418636	367.266	346.542	
23)	L5 AR-1248-3	6.164	5.210	16946662	12503847	360.666	403.554	
24)	L5 AR-1248-4	6.560	5.382	5372859	14141747	97.473	382.792	#
25)	L5 AR-1248-5	6.602	5.778	5487814	3791319	102.799	101.401	
26)	L6 AR-1254-1	6.538	5.737	15489747	14208027	267.694	258.066	
27)	L6 AR-1254-2	6.754	5.885	13021365	10765878	162.276	222.579	#
28)	L6 AR-1254-3	7.117	6.305	7037912	24661498	83.498	324.938	#
29)	L6 AR-1254-4	7.401	6.519	5462272	3240029	80.106	63.220	
30)	L6 AR-1254-5	7.815	6.937	41958308	30345742	616.615	455.913	#
31)	L7 AR-1260-1	7.282	6.421	26483074	25260777	453.196	523.762	
32)	L7 AR-1260-2	7.536	6.608	34961965	31647410	449.308	516.240	
33)	L7 AR-1260-3	7.895	6.763	28385378	26675812	454.026	443.441	
34)	L7 AR-1260-4	8.119	7.235	27949910	23010422	423.633	495.192	
35)	L7 AR-1260-5	8.440	7.476	58061164	55221197	443.466	496.839	
36)	L8 AR-1262-1	8.119	6.975	27949910	26580009	353.715	374.297	
37)	L8 AR-1262-2	8.440	7.235	58061164	23010422	379.675	377.347	
38)	L8 AR-1262-3	8.764	7.759	37710771	14167891	354.825	270.901	
39)	L8 AR-1262-4	8.844	7.823	24833223	39300245	303.611	425.159	#
40)	L8 AR-1262-5	9.505	8.326	18465027	16338841	326.178	341.872	
41)	L9 AR-1268-1	8.764	7.759	37710771	14167891	213.564	97.627	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021225\
Data File : PP069670.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Feb 2025 09:38
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 12 22:22:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.844	7.823	24833223	39300245	157.800	295.901 #
43) L9	AR-1268-3	9.082	8.032	953480	813392	7.130	7.151
44) L9	AR-1268-4	9.505	8.326	18465027	16338841	314.455	313.738
45) L9	AR-1268-5	9.924	8.631	5169606	4670046	13.572	13.111

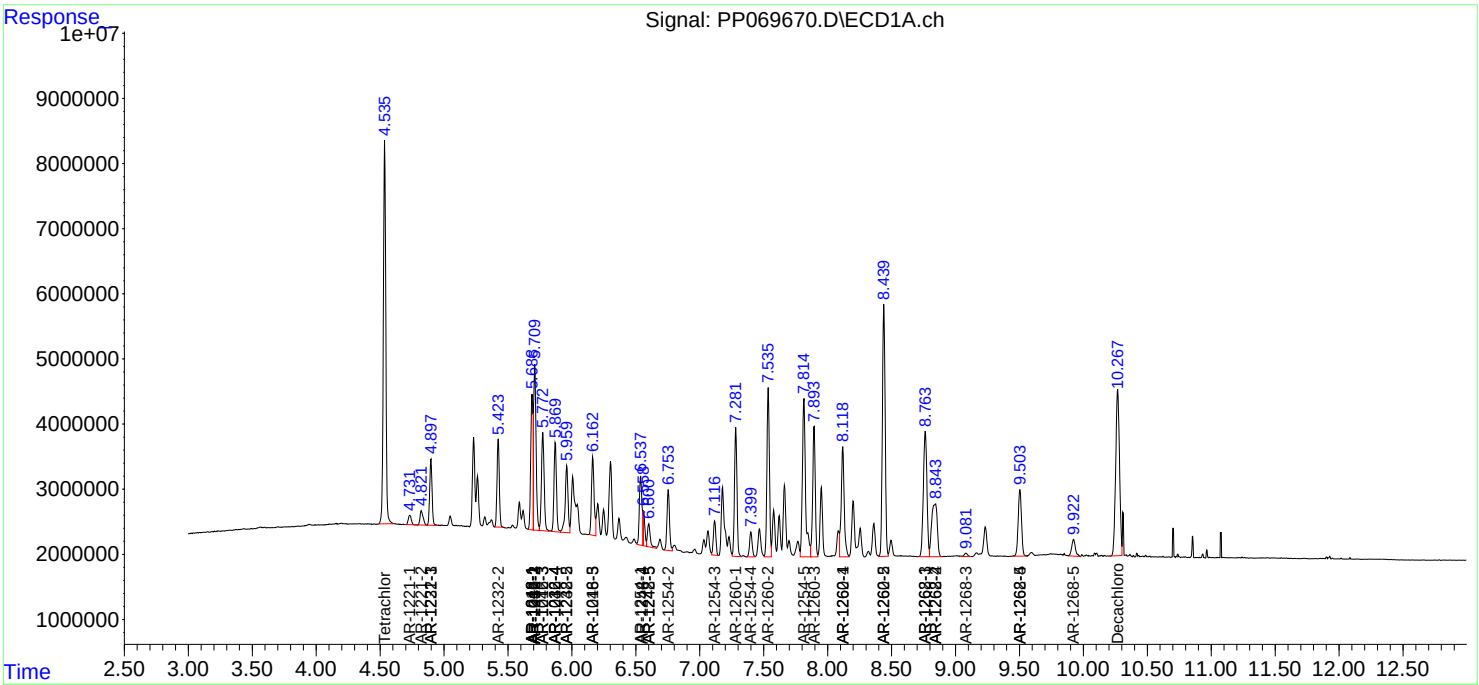
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

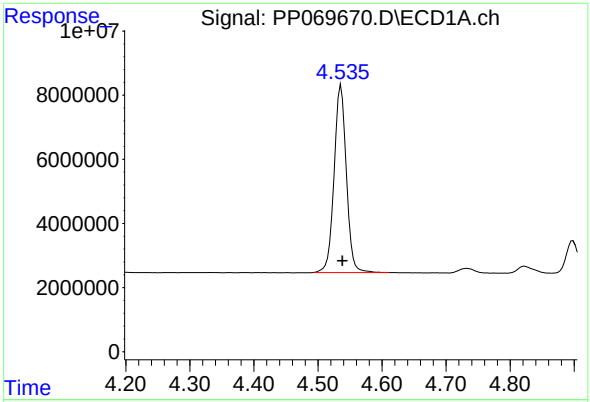
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021225\
Data File : PP069670.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Feb 2025 09:38
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 12 22:22:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

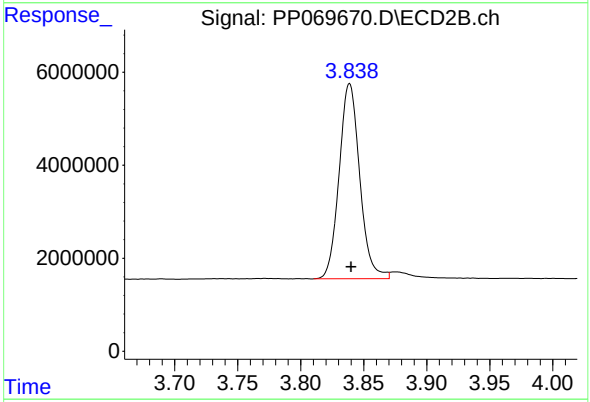




#1 Tetrachloro-m-xylene

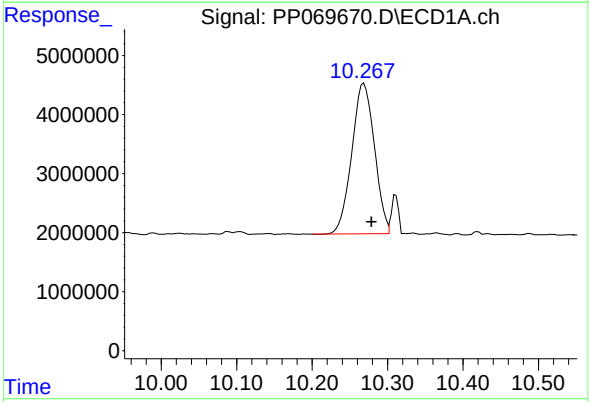
R.T.: 4.536 min
Delta R.T.: -0.002 min
Response: 77724364
Conc: 54.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



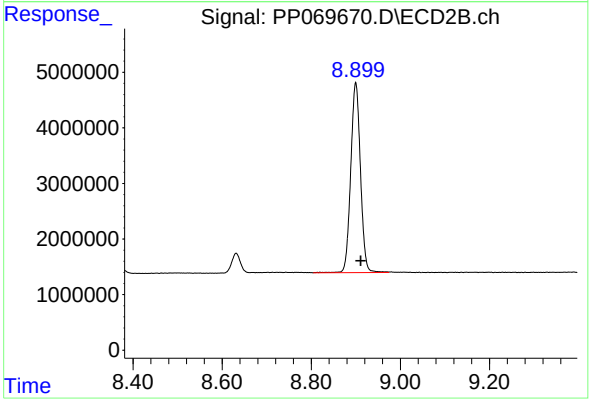
#1 Tetrachloro-m-xylene

R.T.: 3.839 min
Delta R.T.: -0.001 min
Response: 47781678
Conc: 53.53 ng/ml



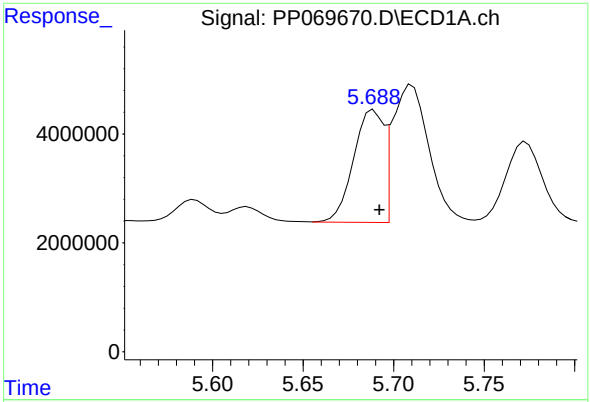
#2 Decachlorobiphenyl

R.T.: 10.269 min
Delta R.T.: -0.010 min
Response: 53148639
Conc: 48.63 ng/ml



#2 Decachlorobiphenyl

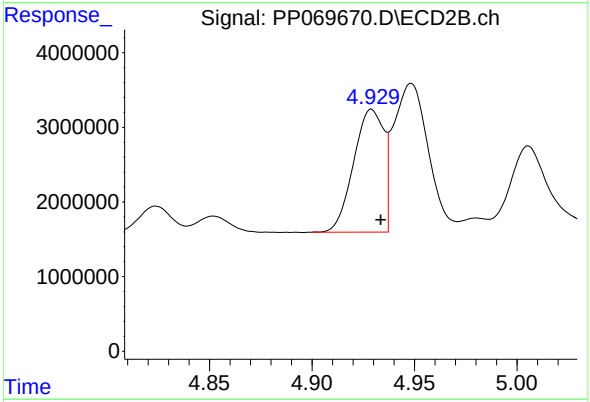
R.T.: 8.900 min
Delta R.T.: -0.011 min
Response: 51733128
Conc: 46.25 ng/ml



#3 AR-1016-1

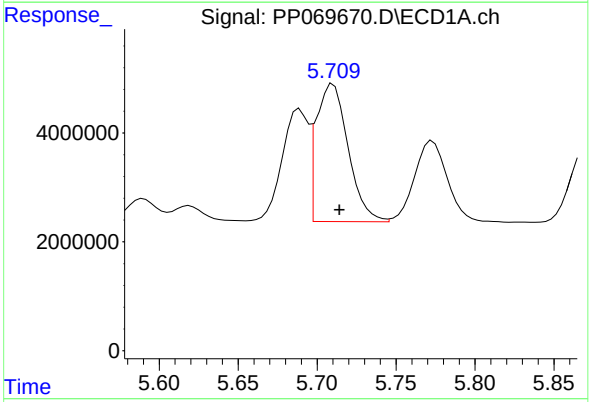
R.T.: 5.689 min
Delta R.T.: -0.003 min
Response: 23854308
Conc: 514.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



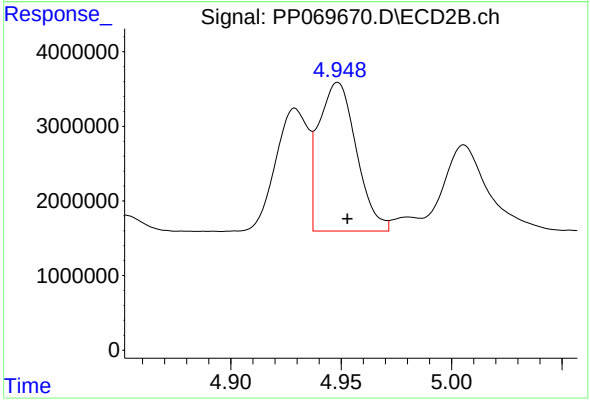
#3 AR-1016-1

R.T.: 4.929 min
Delta R.T.: -0.004 min
Response: 16863345
Conc: 517.04 ng/ml



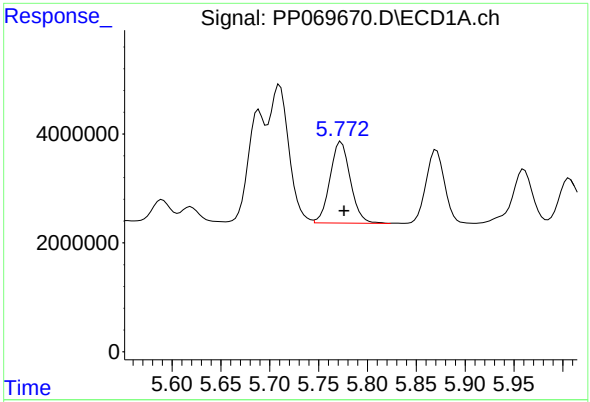
#4 AR-1016-2

R.T.: 5.710 min
Delta R.T.: -0.004 min
Response: 35628265
Conc: 524.89 ng/ml



#4 AR-1016-2

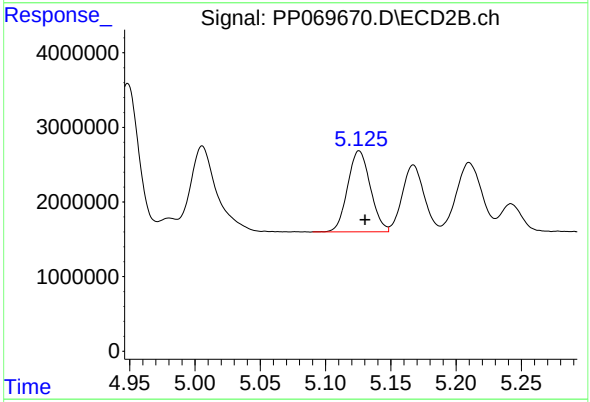
R.T.: 4.948 min
Delta R.T.: -0.004 min
Response: 23548044
Conc: 523.77 ng/ml



#5 AR-1016-3

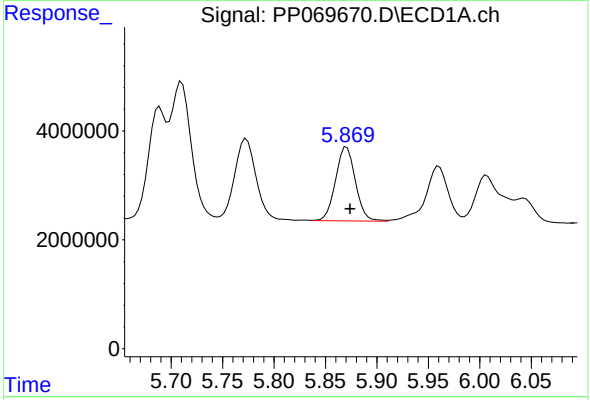
R.T.: 5.773 min
Delta R.T.: -0.003 min
Response: 21754552
Conc: 510.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



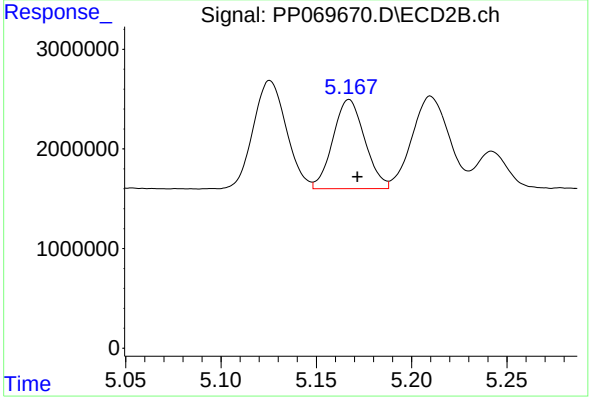
#5 AR-1016-3

R.T.: 5.126 min
Delta R.T.: -0.005 min
Response: 13121696
Conc: 527.31 ng/ml



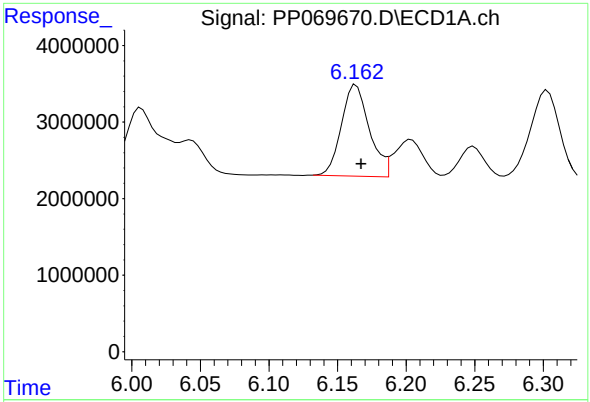
#6 AR-1016-4

R.T.: 5.871 min
Delta R.T.: -0.003 min
Response: 18256651
Conc: 521.61 ng/ml



#6 AR-1016-4

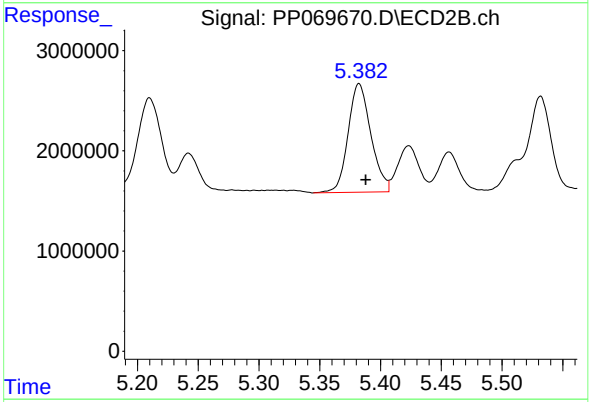
R.T.: 5.167 min
Delta R.T.: -0.004 min
Response: 10418636
Conc: 515.87 ng/ml



#7 AR-1016-5

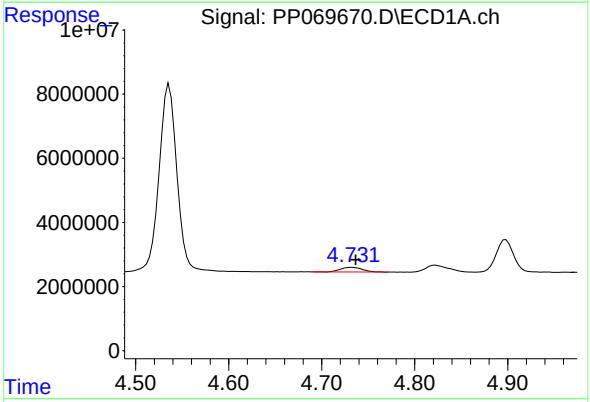
R.T.: 6.164 min
Delta R.T.: -0.003 min
Response: 16946662
Conc: 512.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



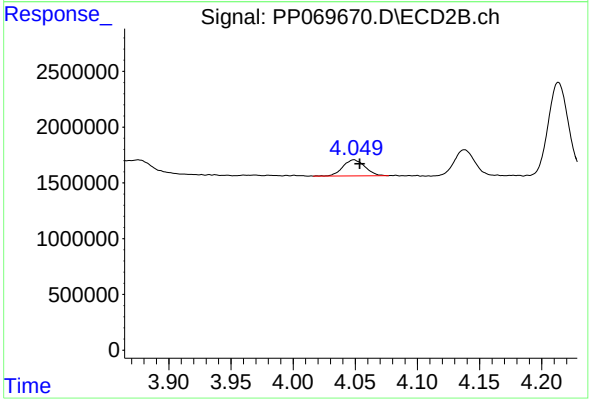
#7 AR-1016-5

R.T.: 5.382 min
Delta R.T.: -0.005 min
Response: 14141747
Conc: 527.21 ng/ml



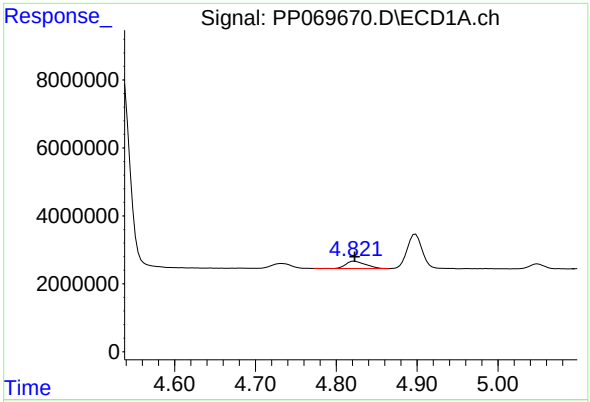
#8 AR-1221-1

R.T.: 4.733 min
Delta R.T.: -0.004 min
Response: 2417704
Conc: 127.12 ng/ml



#8 AR-1221-1

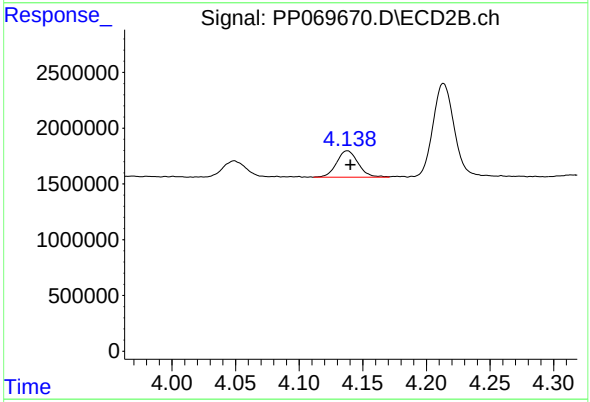
R.T.: 4.049 min
Delta R.T.: -0.005 min
Response: 1780672
Conc: 144.56 ng/ml



#9 AR-1221-2

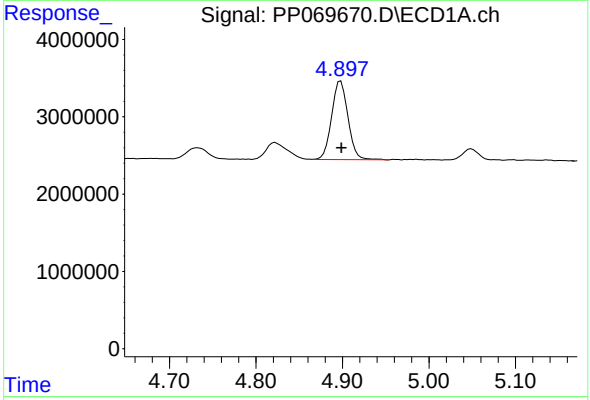
R.T.: 4.822 min
Delta R.T.: 0.000 min
Response: 3710755
Conc: 271.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



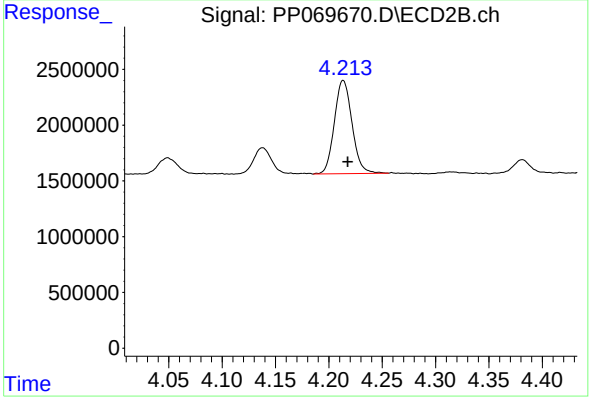
#9 AR-1221-2

R.T.: 4.138 min
Delta R.T.: -0.003 min
Response: 2790426
Conc: 288.17 ng/ml



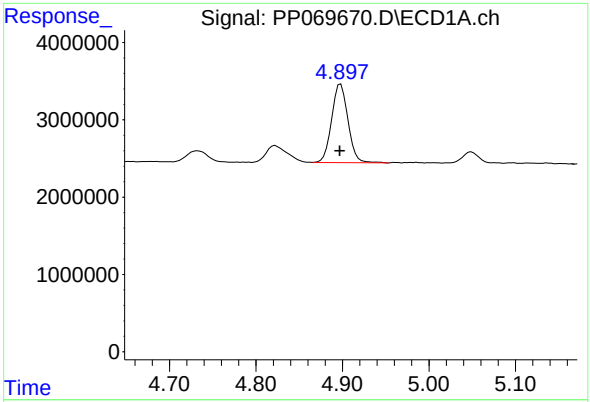
#10 AR-1221-3

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 13293257
Conc: 316.93 ng/ml



#10 AR-1221-3

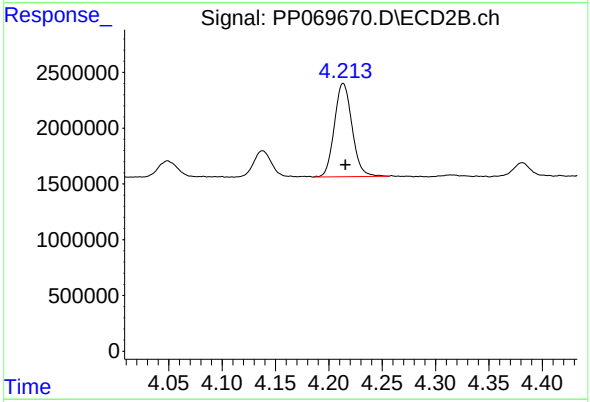
R.T.: 4.213 min
Delta R.T.: -0.004 min
Response: 9648480
Conc: 330.72 ng/ml



#11 AR-1232-1

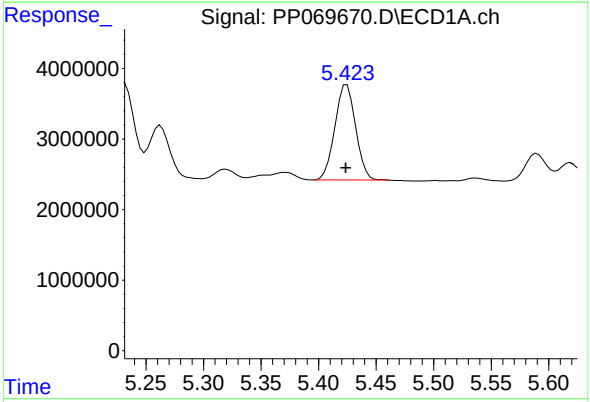
R.T.: 4.898 min
Delta R.T.: 0.001 min
Response: 13293257
Conc: 399.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



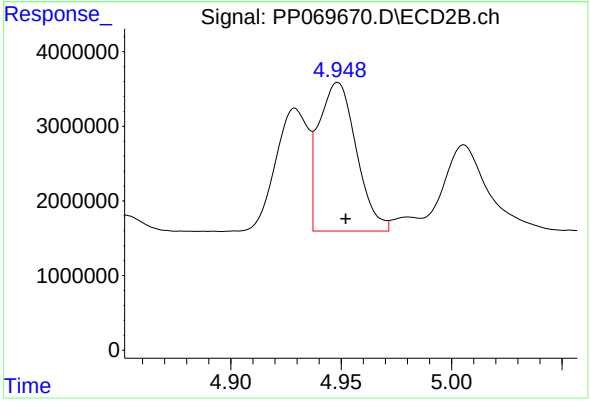
#11 AR-1232-1

R.T.: 4.213 min
Delta R.T.: -0.002 min
Response: 9648480
Conc: 410.93 ng/ml



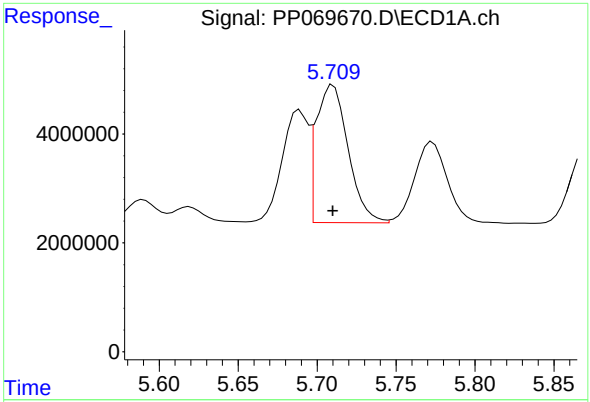
#12 AR-1232-2

R.T.: 5.424 min
Delta R.T.: 0.000 min
Response: 16963837
Conc: 1038.05 ng/ml



#12 AR-1232-2

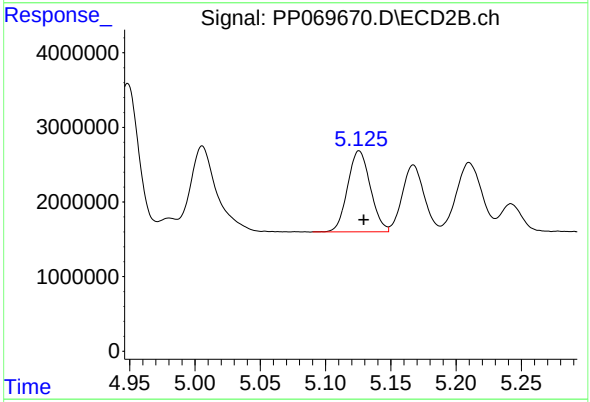
R.T.: 4.948 min
Delta R.T.: -0.004 min
Response: 23548044
Conc: 998.99 ng/ml



#13 AR-1232-3

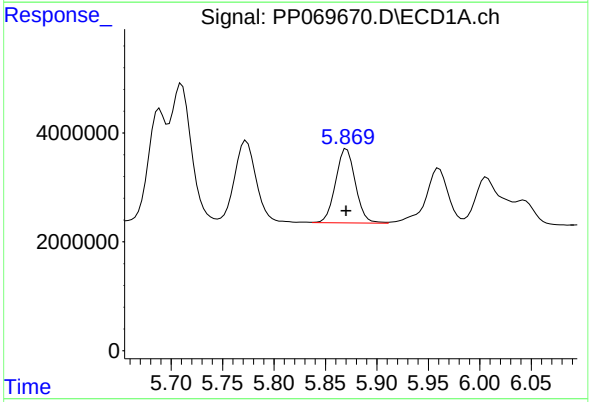
R.T.: 5.710 min
Delta R.T.: 0.000 min
Response: 35628265
Conc: 1036.94 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



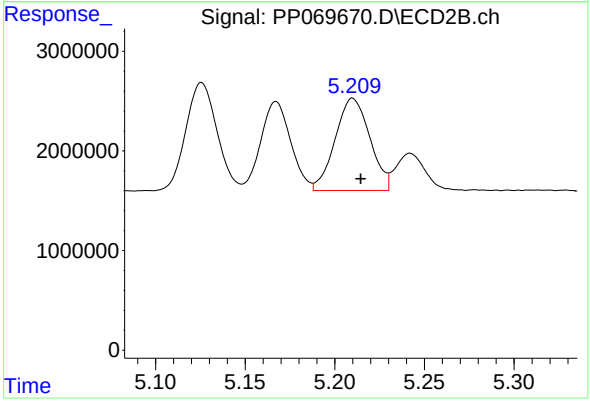
#13 AR-1232-3

R.T.: 5.126 min
Delta R.T.: -0.004 min
Response: 13121696
Conc: 1013.47 ng/ml



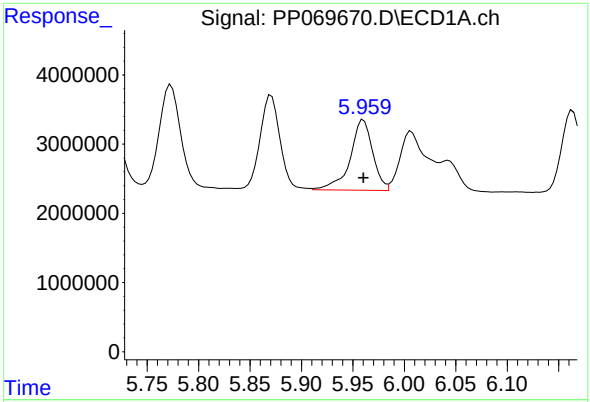
#14 AR-1232-4

R.T.: 5.871 min
Delta R.T.: 0.000 min
Response: 18256651
Conc: 1024.72 ng/ml



#14 AR-1232-4

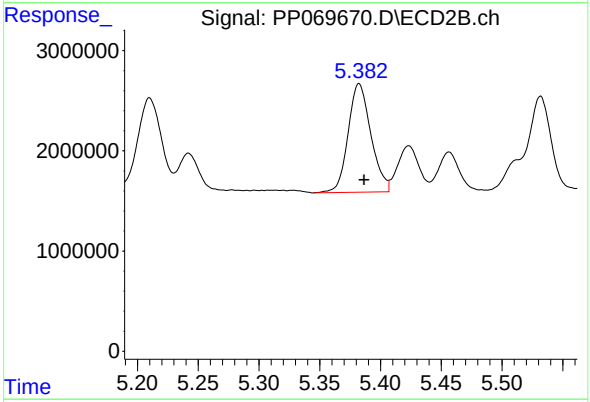
R.T.: 5.210 min
Delta R.T.: -0.005 min
Response: 12503847
Conc: 1127.86 ng/ml



#15 AR-1232-5

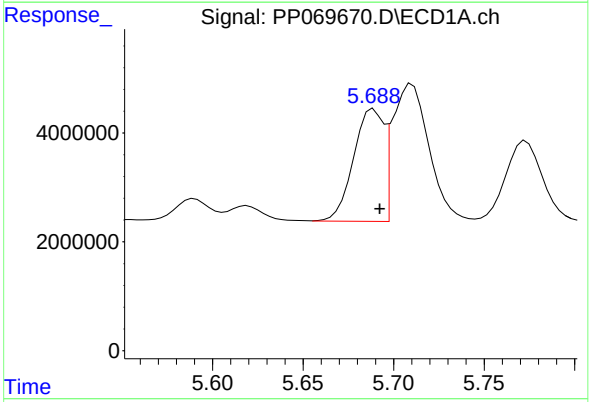
R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 15589111
Conc: 1360.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



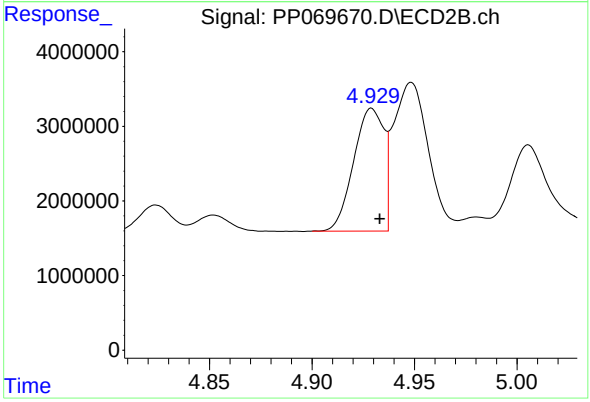
#15 AR-1232-5

R.T.: 5.382 min
Delta R.T.: -0.004 min
Response: 14141747
Conc: 1158.18 ng/ml



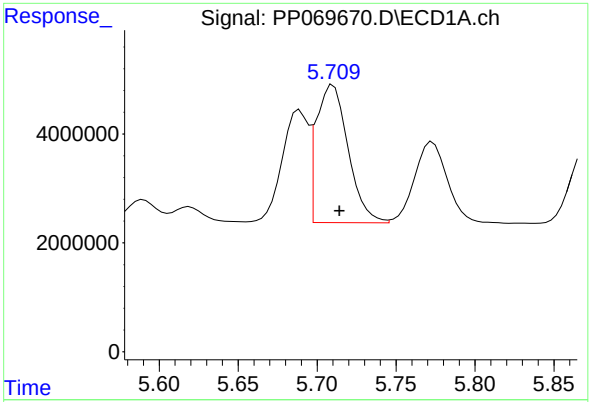
#16 AR-1242-1

R.T.: 5.689 min
Delta R.T.: -0.003 min
Response: 23854308
Conc: 571.97 ng/ml



#16 AR-1242-1

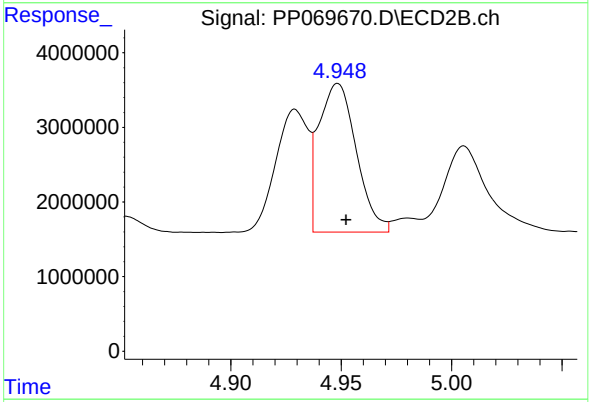
R.T.: 4.929 min
Delta R.T.: -0.004 min
Response: 16863345
Conc: 584.88 ng/ml



#17 AR-1242-2

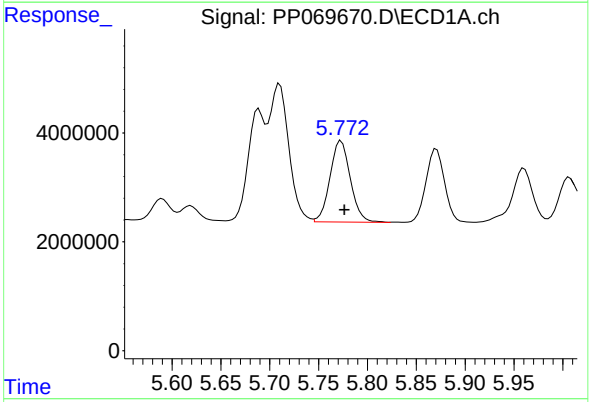
R.T.: 5.710 min
Delta R.T.: -0.004 min
Response: 35628265
Conc: 603.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



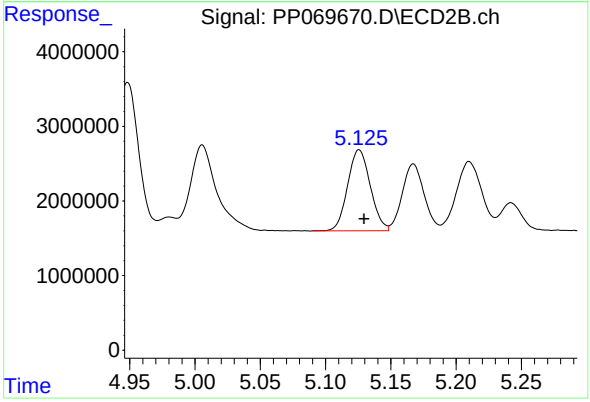
#17 AR-1242-2

R.T.: 4.948 min
Delta R.T.: -0.004 min
Response: 23548044
Conc: 597.70 ng/ml



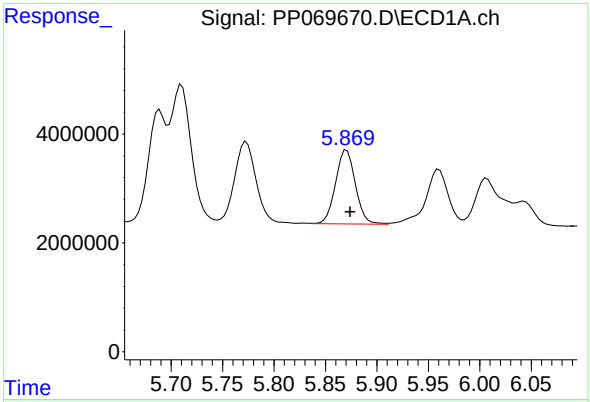
#18 AR-1242-3

R.T.: 5.773 min
Delta R.T.: -0.003 min
Response: 21754552
Conc: 586.40 ng/ml



#18 AR-1242-3

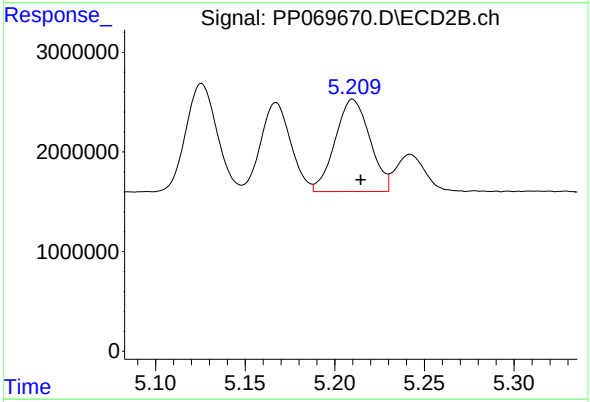
R.T.: 5.126 min
Delta R.T.: -0.004 min
Response: 13121696
Conc: 583.08 ng/ml



#19 AR-1242-4

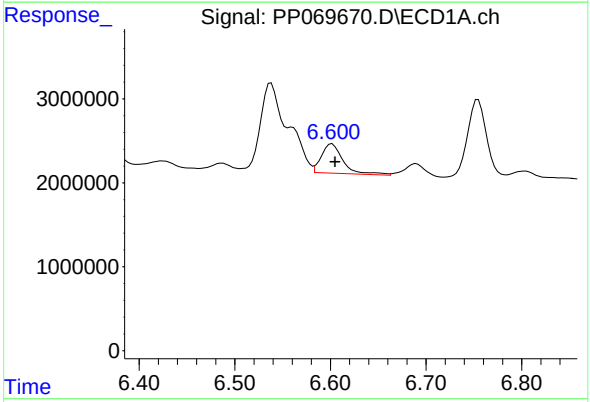
R.T.: 5.871 min
Delta R.T.: -0.003 min
Response: 18256651
Conc: 556.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



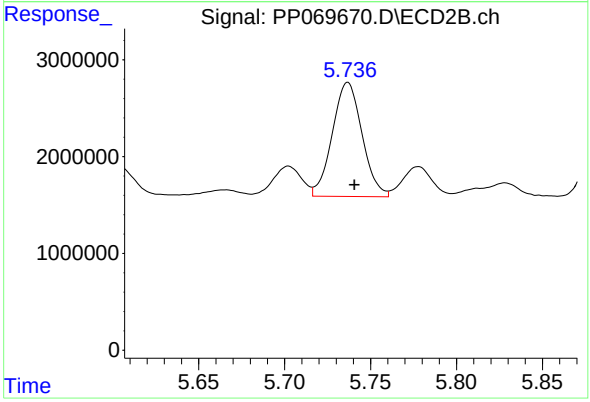
#19 AR-1242-4

R.T.: 5.210 min
Delta R.T.: -0.004 min
Response: 12503847
Conc: 579.36 ng/ml



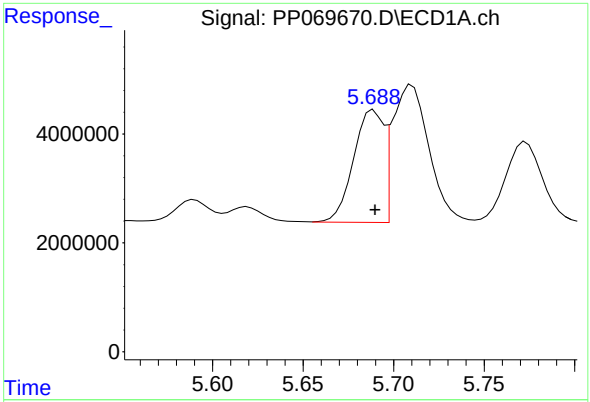
#20 AR-1242-5

R.T.: 6.602 min
Delta R.T.: -0.003 min
Response: 5487814
Conc: 168.42 ng/ml



#20 AR-1242-5

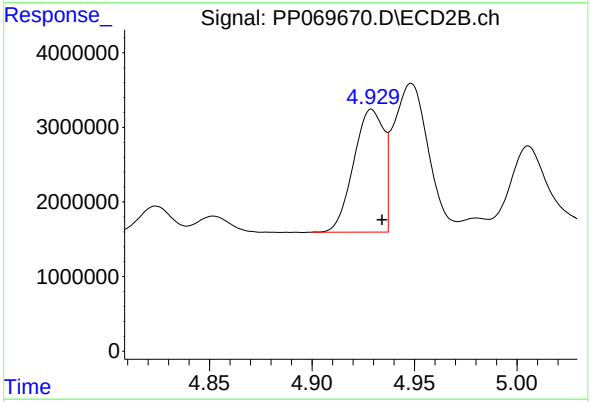
R.T.: 5.737 min
Delta R.T.: -0.004 min
Response: 14208027
Conc: 493.88 ng/ml



#21 AR-1248-1

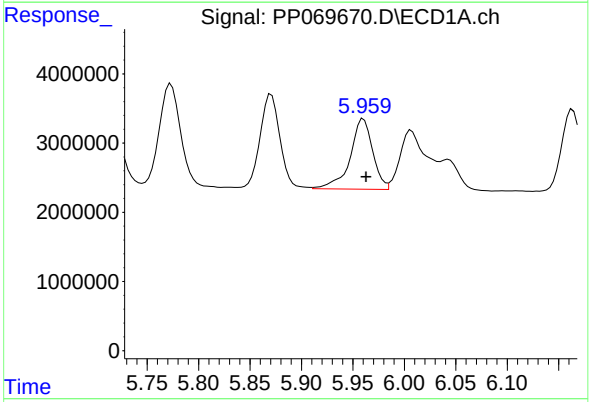
R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 23854308
Conc: 735.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



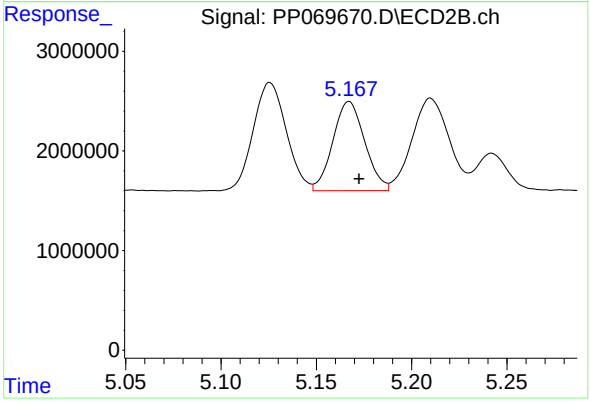
#21 AR-1248-1

R.T.: 4.929 min
Delta R.T.: -0.005 min
Response: 16863345
Conc: 766.15 ng/ml



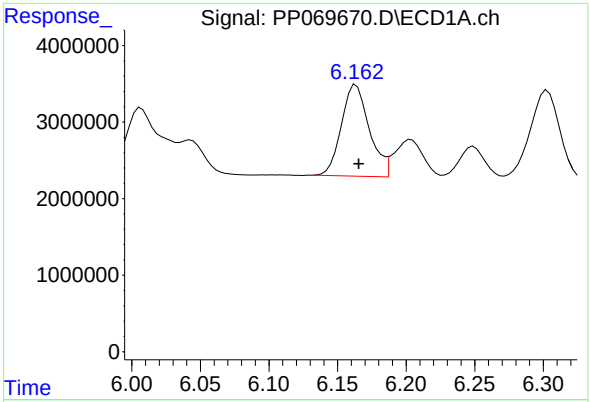
#22 AR-1248-2

R.T.: 5.960 min
Delta R.T.: -0.002 min
Response: 15589111
Conc: 367.27 ng/ml



#22 AR-1248-2

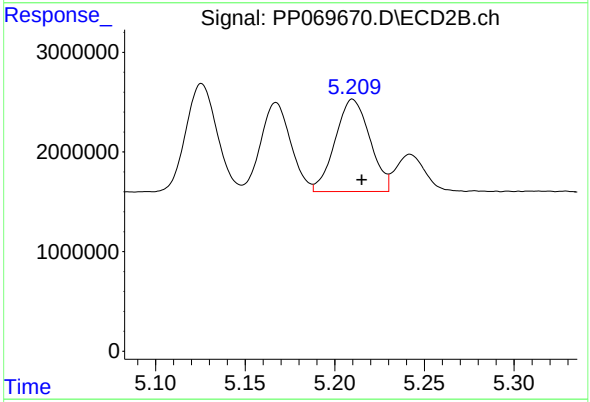
R.T.: 5.167 min
Delta R.T.: -0.005 min
Response: 10418636
Conc: 346.54 ng/ml



#23 AR-1248-3

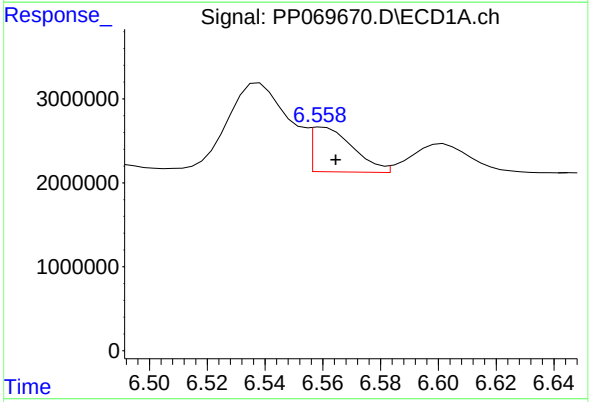
R.T.: 6.164 min
Delta R.T.: -0.002 min
Response: 16946662
Conc: 360.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



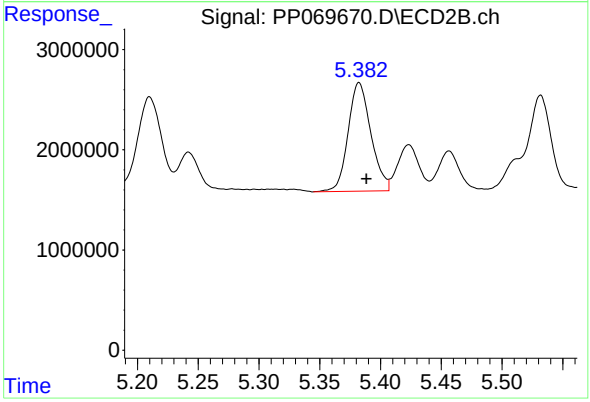
#23 AR-1248-3

R.T.: 5.210 min
Delta R.T.: -0.005 min
Response: 12503847
Conc: 403.55 ng/ml



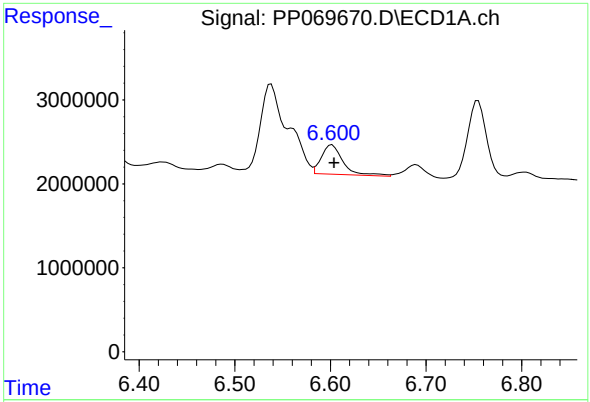
#24 AR-1248-4

R.T.: 6.560 min
Delta R.T.: -0.005 min
Response: 5372859
Conc: 97.47 ng/ml



#24 AR-1248-4

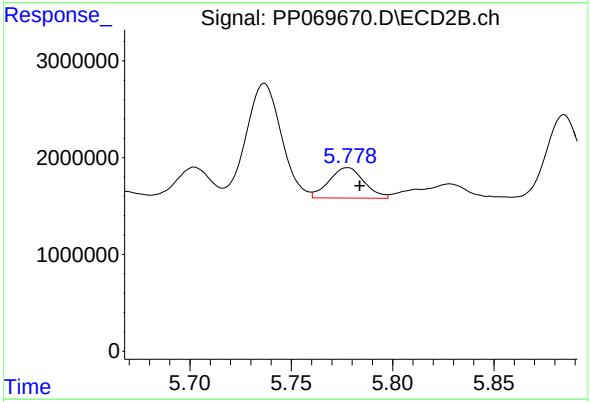
R.T.: 5.382 min
Delta R.T.: -0.006 min
Response: 14141747
Conc: 382.79 ng/ml



#25 AR-1248-5

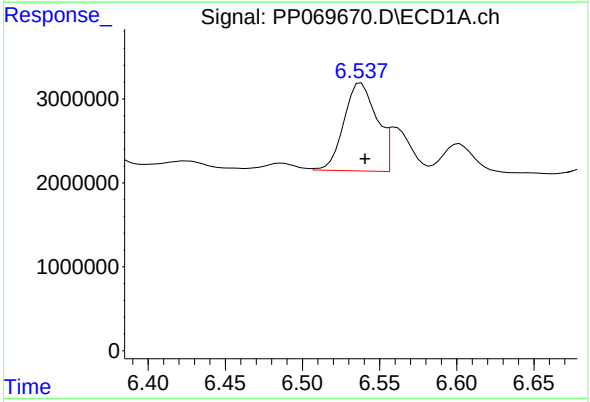
R.T.: 6.602 min
Delta R.T.: -0.002 min
Response: 5487814
Conc: 102.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



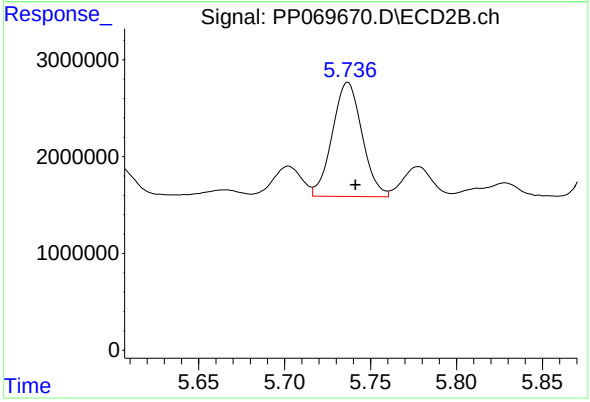
#25 AR-1248-5

R.T.: 5.778 min
Delta R.T.: -0.006 min
Response: 3791319
Conc: 101.40 ng/ml



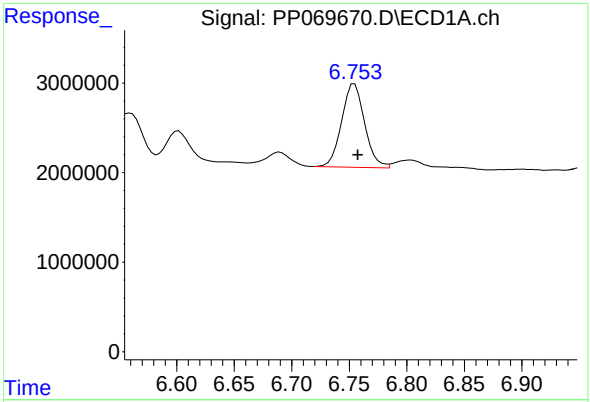
#26 AR-1254-1

R.T.: 6.538 min
Delta R.T.: -0.003 min
Response: 15489747
Conc: 267.69 ng/ml



#26 AR-1254-1

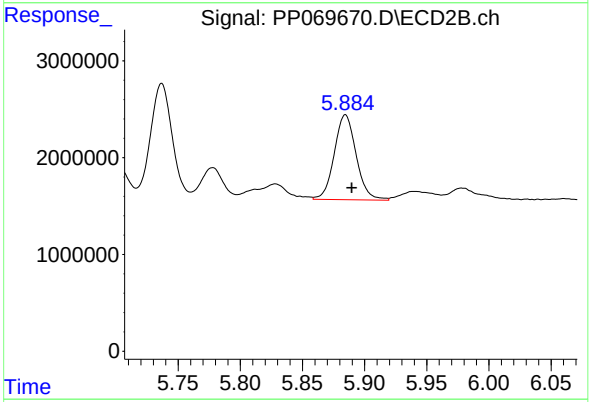
R.T.: 5.737 min
Delta R.T.: -0.004 min
Response: 14208027
Conc: 258.07 ng/ml



#27 AR-1254-2

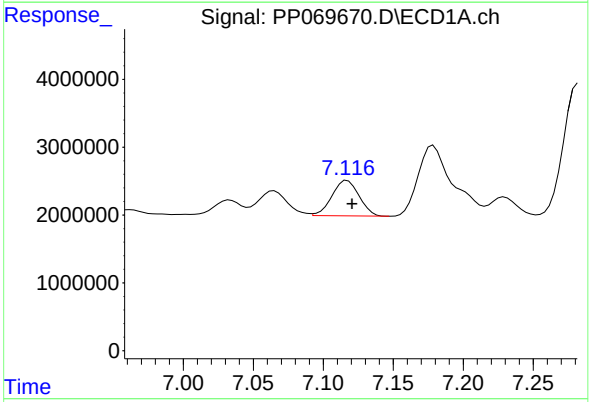
R.T.: 6.754 min
Delta R.T.: -0.003 min
Response: 13021365
Conc: 162.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



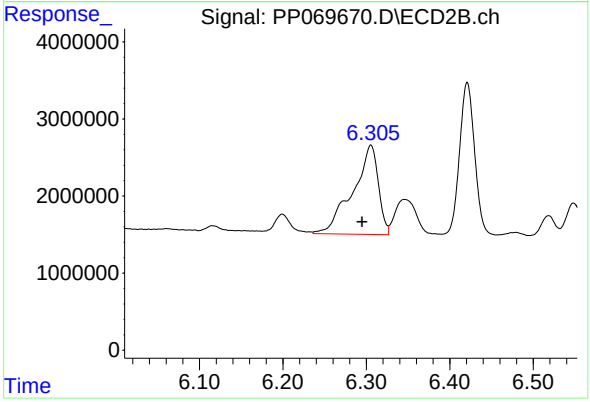
#27 AR-1254-2

R.T.: 5.885 min
Delta R.T.: -0.005 min
Response: 10765878
Conc: 222.58 ng/ml



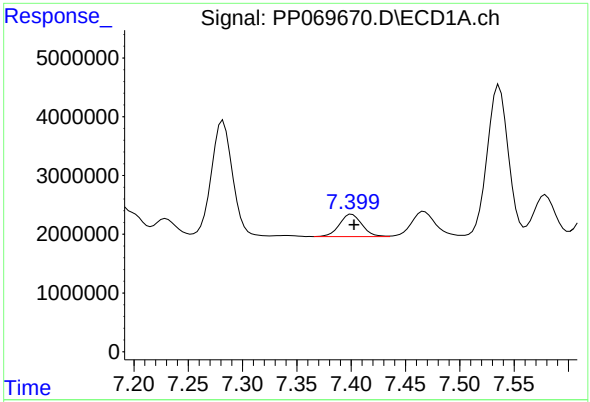
#28 AR-1254-3

R.T.: 7.117 min
Delta R.T.: -0.003 min
Response: 7037912
Conc: 83.50 ng/ml



#28 AR-1254-3

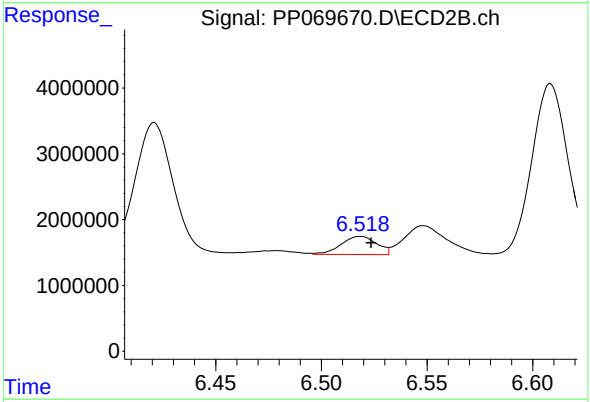
R.T.: 6.305 min
Delta R.T.: 0.011 min
Response: 24661498
Conc: 324.94 ng/ml



#29 AR-1254-4

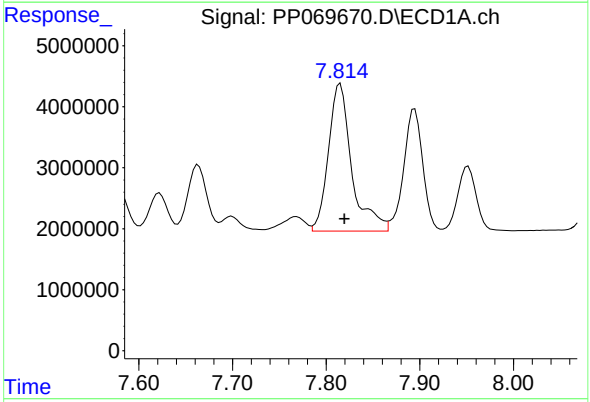
R.T.: 7.401 min
Delta R.T.: -0.002 min
Response: 5462272
Conc: 80.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



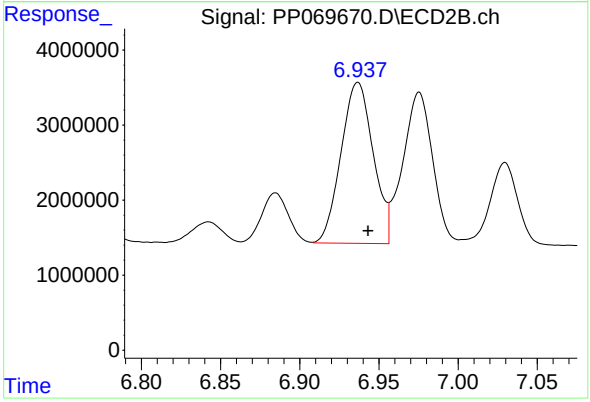
#29 AR-1254-4

R.T.: 6.519 min
Delta R.T.: -0.005 min
Response: 3240029
Conc: 63.22 ng/ml



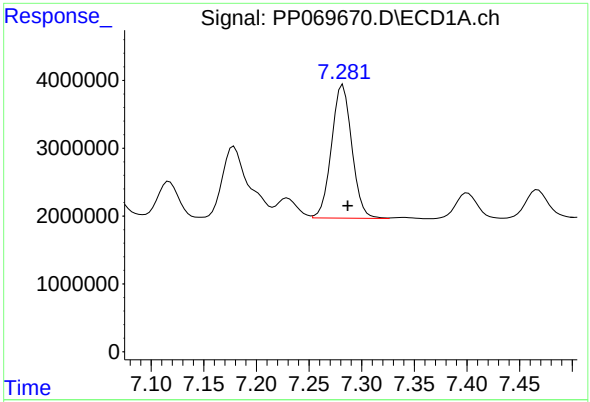
#30 AR-1254-5

R.T.: 7.815 min
Delta R.T.: -0.005 min
Response: 41958308
Conc: 616.62 ng/ml



#30 AR-1254-5

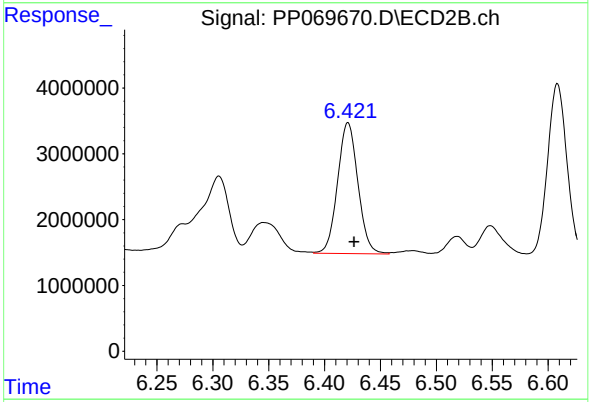
R.T.: 6.937 min
Delta R.T.: -0.006 min
Response: 30345742
Conc: 455.91 ng/ml



#31 AR-1260-1

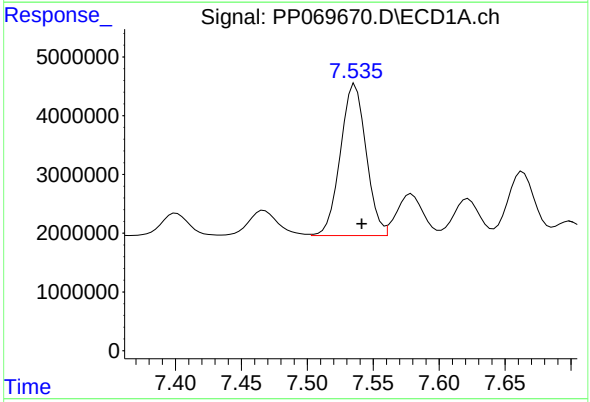
R.T.: 7.282 min
Delta R.T.: -0.005 min
Response: 26483074
Conc: 453.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



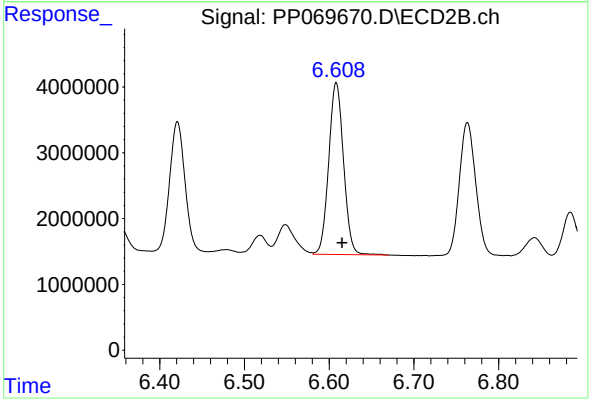
#31 AR-1260-1

R.T.: 6.421 min
Delta R.T.: -0.005 min
Response: 25260777
Conc: 523.76 ng/ml



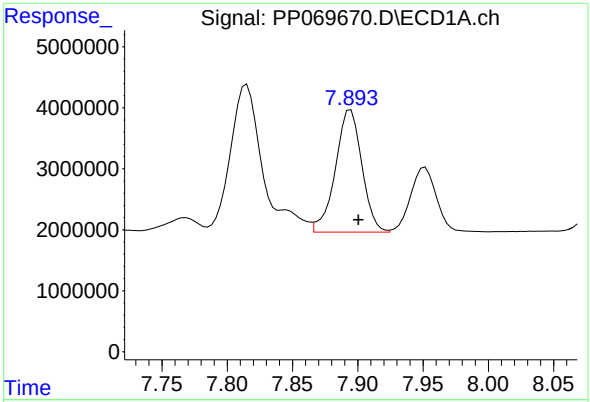
#32 AR-1260-2

R.T.: 7.536 min
Delta R.T.: -0.005 min
Response: 34961965
Conc: 449.31 ng/ml



#32 AR-1260-2

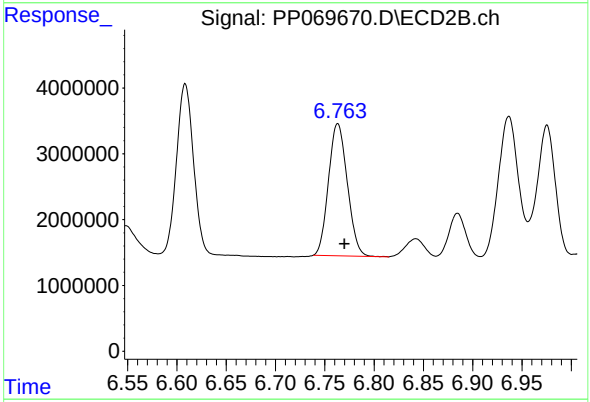
R.T.: 6.608 min
Delta R.T.: -0.007 min
Response: 31647410
Conc: 516.24 ng/ml



#33 AR-1260-3

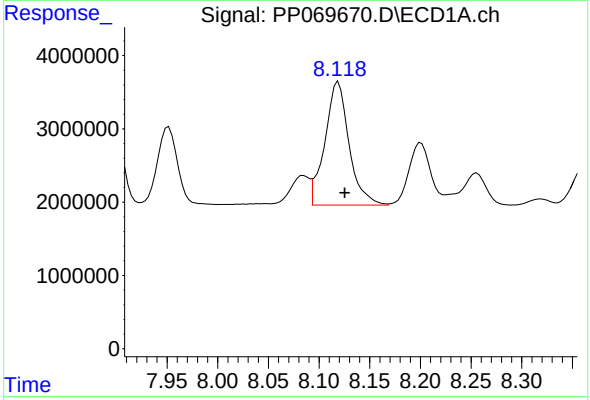
R.T.: 7.895 min
Delta R.T.: -0.006 min
Response: 28385378
Conc: 454.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



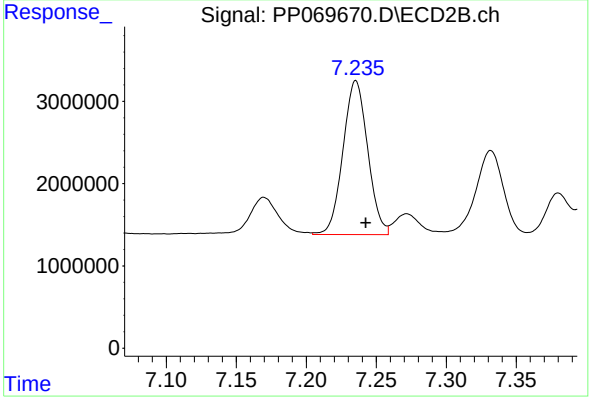
#33 AR-1260-3

R.T.: 6.763 min
Delta R.T.: -0.007 min
Response: 26675812
Conc: 443.44 ng/ml



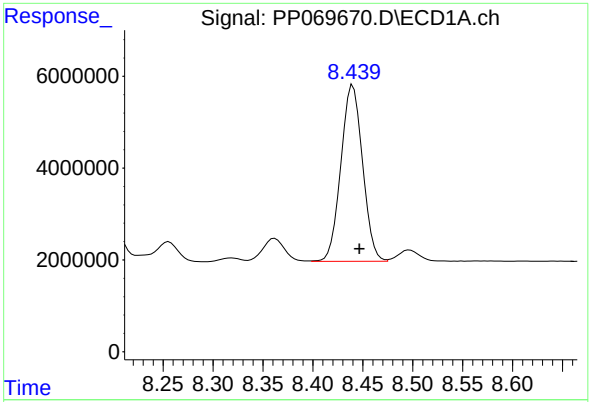
#34 AR-1260-4

R.T.: 8.119 min
Delta R.T.: -0.006 min
Response: 27949910
Conc: 423.63 ng/ml



#34 AR-1260-4

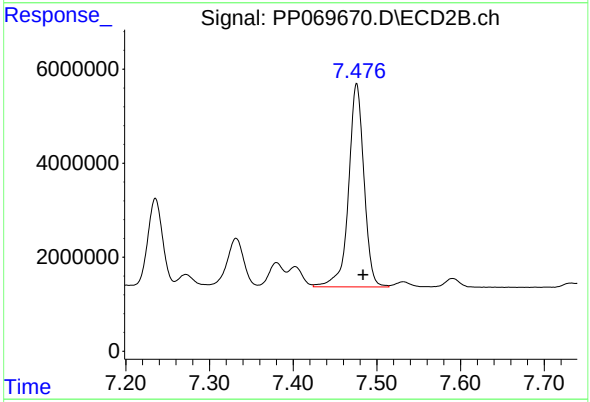
R.T.: 7.235 min
Delta R.T.: -0.007 min
Response: 23010422
Conc: 495.19 ng/ml



#35 AR-1260-5

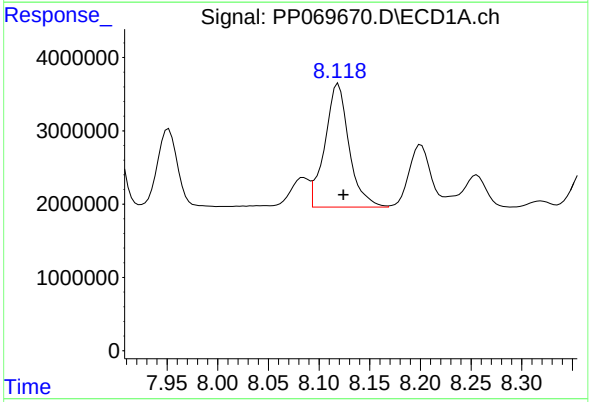
R.T.: 8.440 min
Delta R.T.: -0.007 min
Response: 58061164
Conc: 443.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



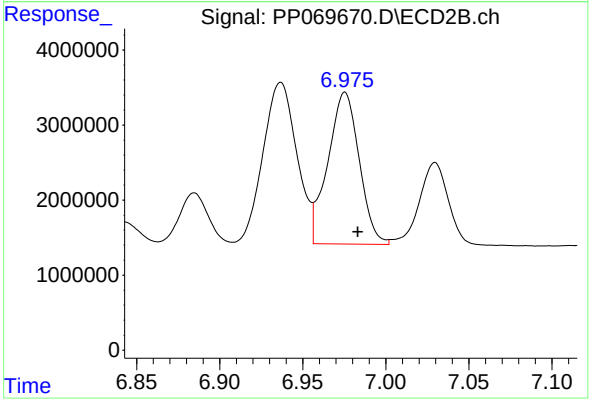
#35 AR-1260-5

R.T.: 7.476 min
Delta R.T.: -0.008 min
Response: 55221197
Conc: 496.84 ng/ml



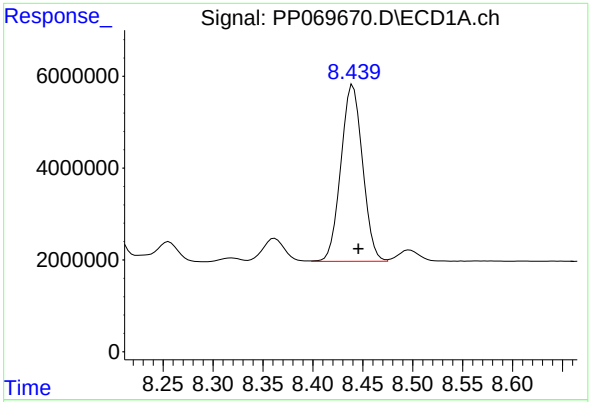
#36 AR-1262-1

R.T.: 8.119 min
Delta R.T.: -0.005 min
Response: 27949910
Conc: 353.71 ng/ml



#36 AR-1262-1

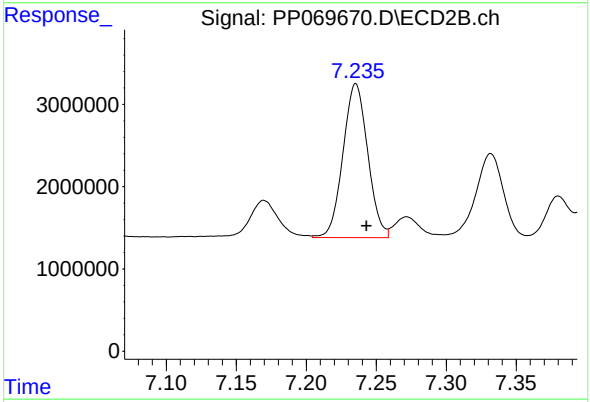
R.T.: 6.975 min
Delta R.T.: -0.008 min
Response: 26580009
Conc: 374.30 ng/ml



#37 AR-1262-2

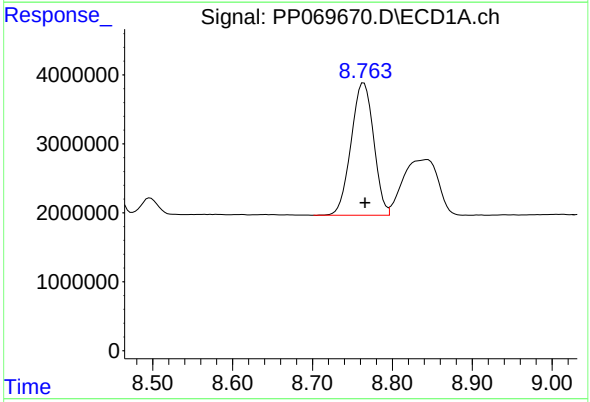
R.T.: 8.440 min
Delta R.T.: -0.006 min
Response: 58061164
Conc: 379.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



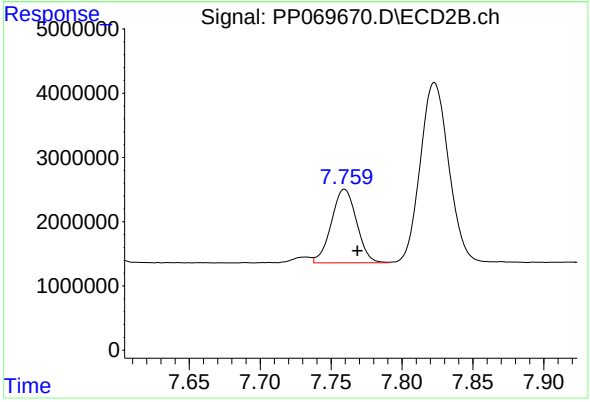
#37 AR-1262-2

R.T.: 7.235 min
Delta R.T.: -0.008 min
Response: 23010422
Conc: 377.35 ng/ml



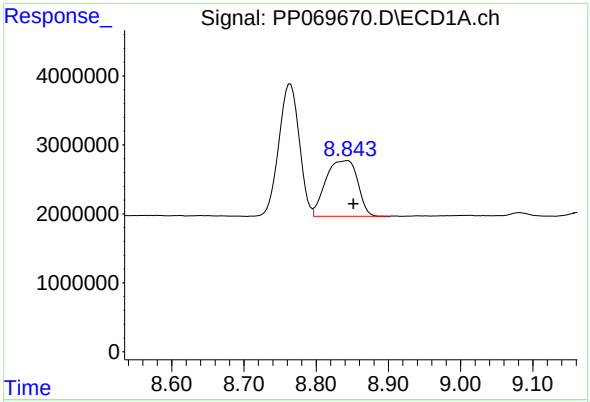
#38 AR-1262-3

R.T.: 8.764 min
Delta R.T.: -0.001 min
Response: 37710771
Conc: 354.83 ng/ml



#38 AR-1262-3

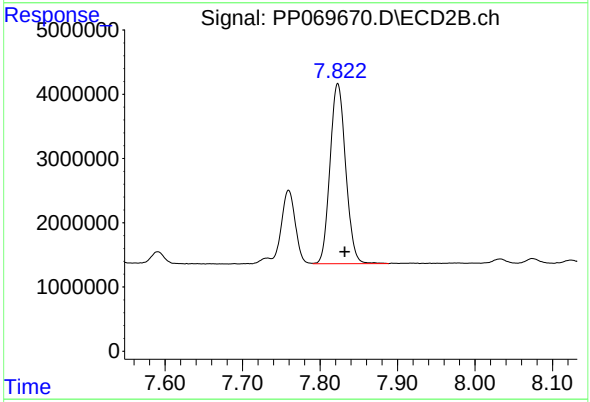
R.T.: 7.759 min
Delta R.T.: -0.009 min
Response: 14167891
Conc: 270.90 ng/ml



#39 AR-1262-4

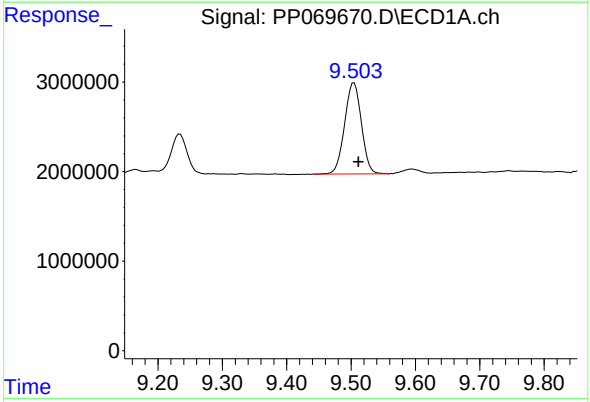
R.T.: 8.844 min
Delta R.T.: -0.007 min
Response: 24833223
Conc: 303.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



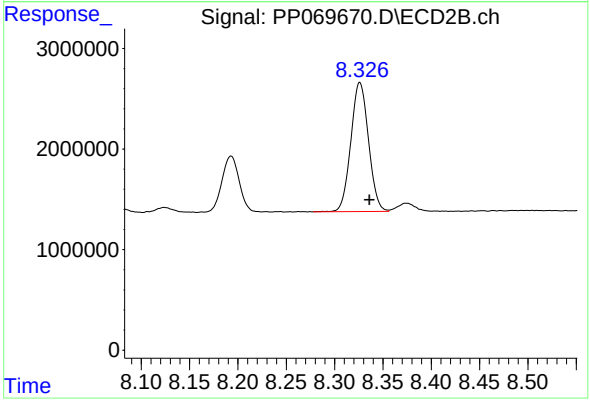
#39 AR-1262-4

R.T.: 7.823 min
Delta R.T.: -0.009 min
Response: 39300245
Conc: 425.16 ng/ml



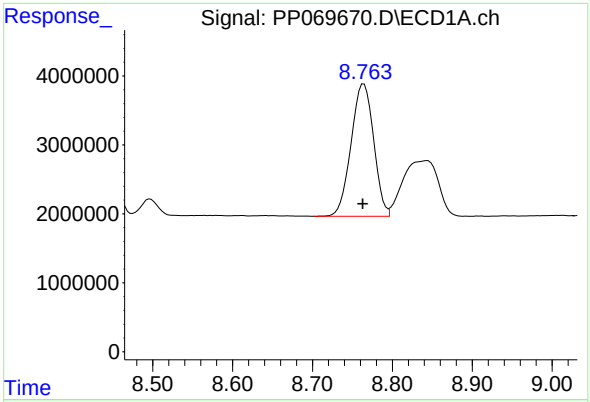
#40 AR-1262-5

R.T.: 9.505 min
Delta R.T.: -0.007 min
Response: 18465027
Conc: 326.18 ng/ml



#40 AR-1262-5

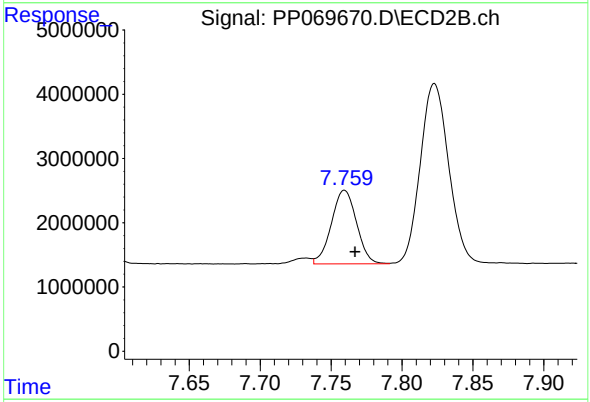
R.T.: 8.326 min
Delta R.T.: -0.010 min
Response: 16338841
Conc: 341.87 ng/ml



#41 AR-1268-1

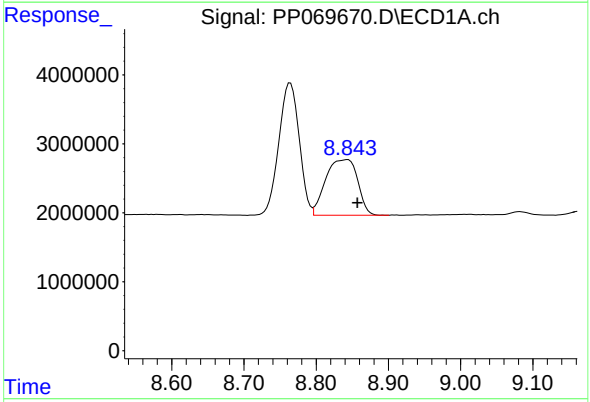
R.T.: 8.764 min
Delta R.T.: 0.001 min
Response: 37710771
Conc: 213.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



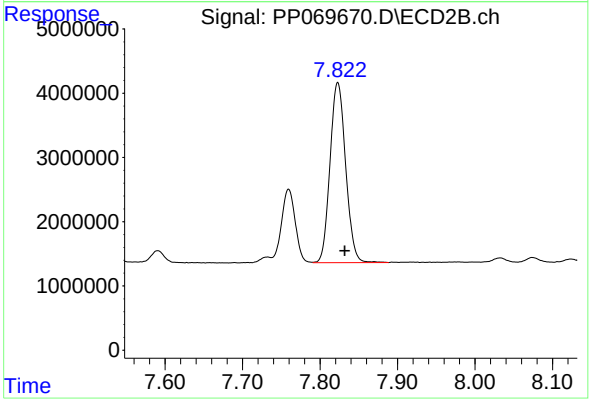
#41 AR-1268-1

R.T.: 7.759 min
Delta R.T.: -0.007 min
Response: 14167891
Conc: 97.63 ng/ml



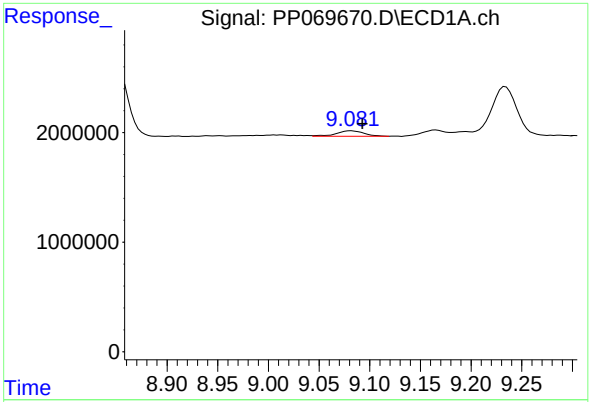
#42 AR-1268-2

R.T.: 8.844 min
Delta R.T.: -0.013 min
Response: 24833223
Conc: 157.80 ng/ml



#42 AR-1268-2

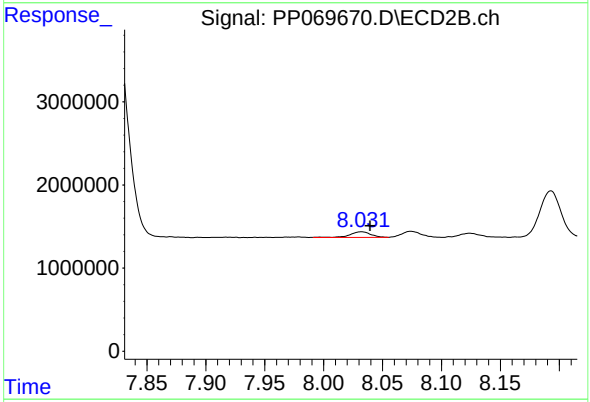
R.T.: 7.823 min
Delta R.T.: -0.009 min
Response: 39300245
Conc: 295.90 ng/ml



#43 AR-1268-3

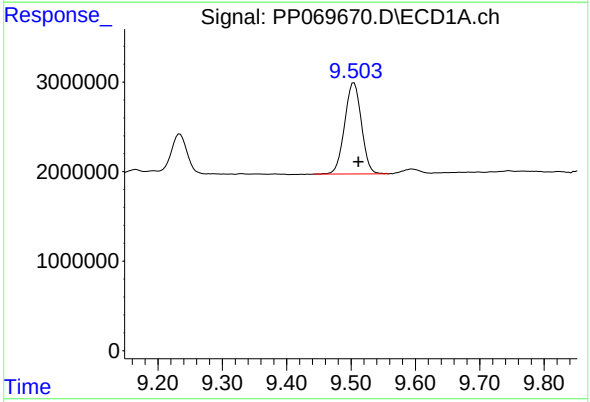
R.T.: 9.082 min
Delta R.T.: -0.011 min
Response: 953480
Conc: 7.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



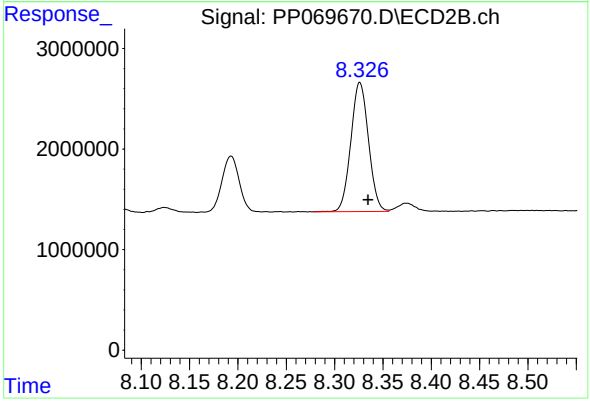
#43 AR-1268-3

R.T.: 8.032 min
Delta R.T.: -0.007 min
Response: 813392
Conc: 7.15 ng/ml



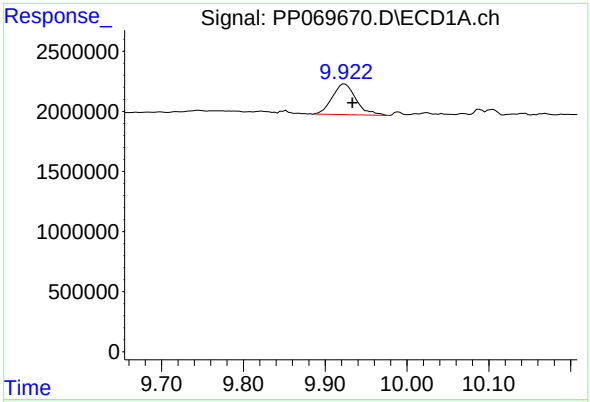
#44 AR-1268-4

R.T.: 9.505 min
Delta R.T.: -0.007 min
Response: 18465027
Conc: 314.45 ng/ml



#44 AR-1268-4

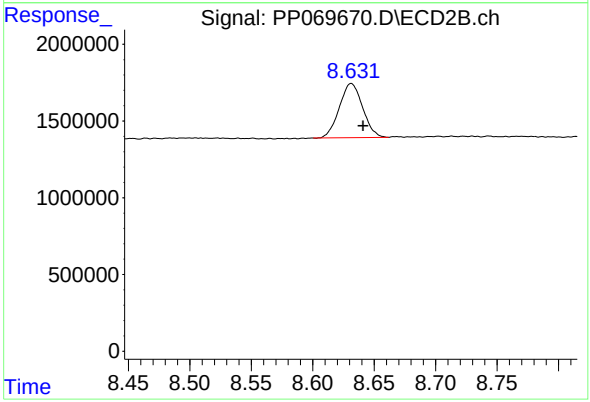
R.T.: 8.326 min
Delta R.T.: -0.008 min
Response: 16338841
Conc: 313.74 ng/ml



#45 AR-1268-5

R.T.: 9.924 min
Delta R.T.: -0.010 min
Response: 5169606
Conc: 13.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.631 min
Delta R.T.: -0.010 min
Response: 4670046
Conc: 13.11 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021225\
Data File : PP069682.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Feb 2025 15:06
Operator : YP\AJ
Sample : Q1356-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 12 22:25:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.535	3.836	33044445	20358552	23.084	22.810	
2)	SA Decachlor...	10.265	8.895	20151372	19489212	18.438	17.425	
	Target Compounds							
3)	L1 AR-1016-1	5.688	4.927	26320998	17643370	568.083	540.958	
4)	L1 AR-1016-2	5.709	4.946	44795247	28667714	659.945	637.649	
5)	L1 AR-1016-3	5.772	5.123	22620229	16042918	531.034	644.709	
6)	L1 AR-1016-4	5.868	5.164	26038369	22200169	743.943	1099.221	#
7)	L1 AR-1016-5	6.162	5.380	29707545	24657261	898.634	919.227	
8)	L2 AR-1221-1	4.731	4.050	2412568	2251912	126.847	182.814	#
9)	L2 AR-1221-2	4.821	4.134	2916096	2457089	212.970	253.743	
10)	L2 AR-1221-3	4.897	4.211	12585849	8759530	300.067	300.250	
11)	L3 AR-1232-1	4.897	4.211	12585849	8759530	378.026	373.071	
12)	L3 AR-1232-2	5.422	4.946	23154660	28667714	1416.879	1216.189	
13)	L3 AR-1232-3	5.709	5.123	44795247	16042918	1303.742	1239.099	
14)	L3 AR-1232-4	5.868	5.207	26038369	19712222	1461.500	1778.069	
15)	L3 AR-1232-5	5.959	5.380	31348612	24657261	2734.904	2019.379	#
16)	L4 AR-1242-1	5.688	4.927	26320998	17643370	631.119	611.937	
17)	L4 AR-1242-2	5.709	4.946	44795247	28667714	759.358	727.649	
18)	L4 AR-1242-3	5.772	5.123	22620229	16042918	609.732	712.889	
19)	L4 AR-1242-4	5.868	5.207	26038369	19712222	793.982	913.354	
20)	L4 AR-1242-5	6.600	5.733	32603930	33708536	1000.602	1171.722	
21)	L5 AR-1248-1	5.688	4.927	26320998	17643370	811.398	801.586	
22)	L5 AR-1248-2	5.959	5.164	31348612	22200169	738.546	738.416	
23)	L5 AR-1248-3	6.162	5.207	29707545	19712222	632.248	636.200	
24)	L5 AR-1248-4	6.558	5.380	16521702	24657261	299.734	667.428	#
25)	L5 AR-1248-5	6.600	5.775	32603930	20009209	610.746	535.157	
26)	L6 AR-1254-1	6.537	5.733	41639581	33708536	719.615	612.261	
27)	L6 AR-1254-2	6.753	5.882	61352133	33299437	764.590	688.449	
28)	L6 AR-1254-3	7.122	6.303	104.2E6	99832619	1236.710	1315.385	
29)	L6 AR-1254-4	7.399	6.515	26542784	16675086	389.260	325.369	
30)	L6 AR-1254-5	7.833	6.932	610.9E6	530.9E6	8978.156	7976.919	
31)	L7 AR-1260-1	7.280	6.418	42970601	37101680	735.341	769.273	
32)	L7 AR-1260-2	7.520	6.606	246.6E6	37651302	3168.655	614.177	#
33)	L7 AR-1260-3	7.893	6.759	28467511	30174671	455.340	501.603	
34)	L7 AR-1260-4	8.116	7.233	39778864	22503792	602.922	484.289	
35)	L7 AR-1260-5	8.438	7.473	61521652	57893096	469.897	520.879	
36)	L8 AR-1262-1	8.116	6.971	39778864	25521697	503.414	359.394	#
37)	L8 AR-1262-2	8.438	7.233	61521652	22503792	402.304	369.039	
38)	L8 AR-1262-3	8.763	7.756	40048993	12287570	376.826	234.948	#
39)	L8 AR-1262-4	8.827	7.819	23998670	39969777	293.408	432.403	#
40)	L8 AR-1262-5	9.500	8.323	16018120	13965982	282.955	292.223	
41)	L9 AR-1268-1	8.763	7.756	40048993	12287570	226.806	84.671	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021225\
Data File : PP069682.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Feb 2025 15:06
Operator : YP\AJ
Sample : Q1356-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 12 22:25:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.827	7.819	23998670	39969777	152.497	300.942 #
43) L9	AR-1268-3	9.081	8.029	1121058	1460455	8.383	12.841 #
44) L9	AR-1268-4	9.500	8.323	16018120	13965982	272.785	268.174
45) L9	AR-1268-5	9.919	8.628	5875415	5279536	15.425	14.823

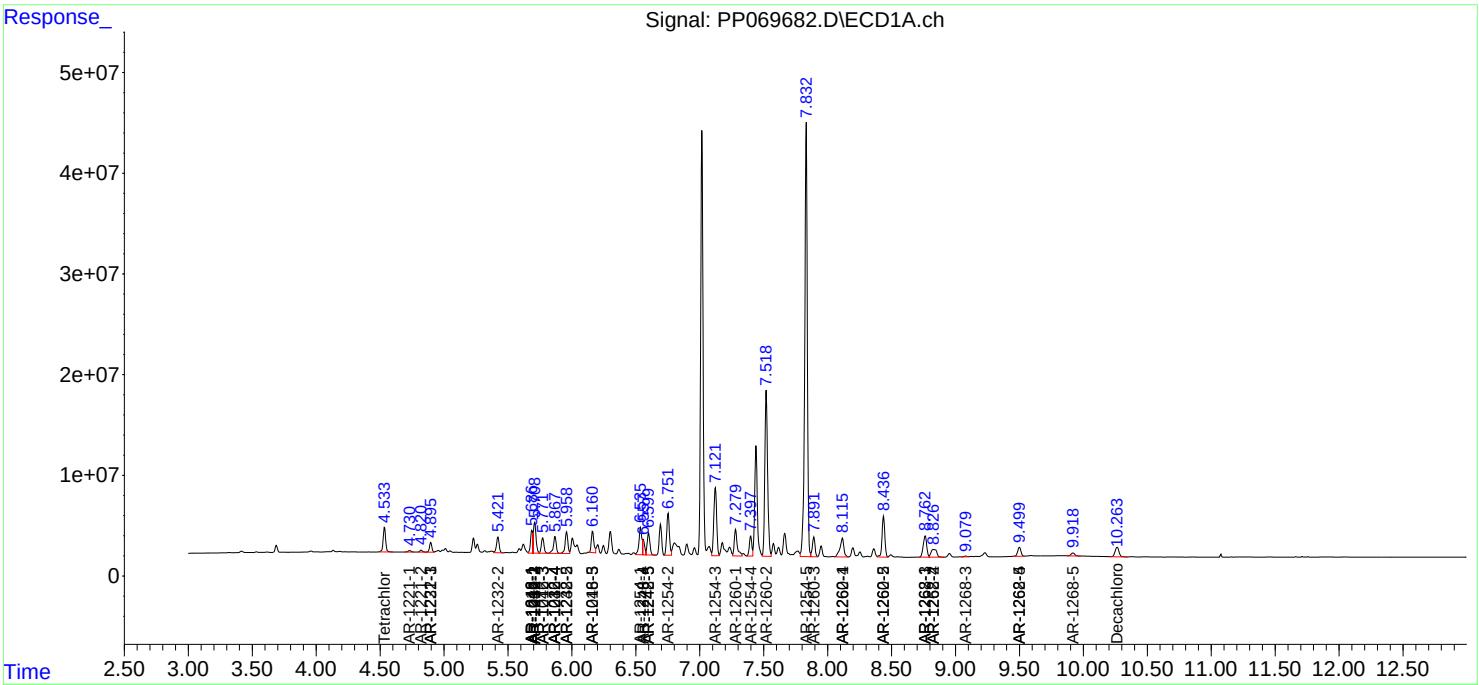
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

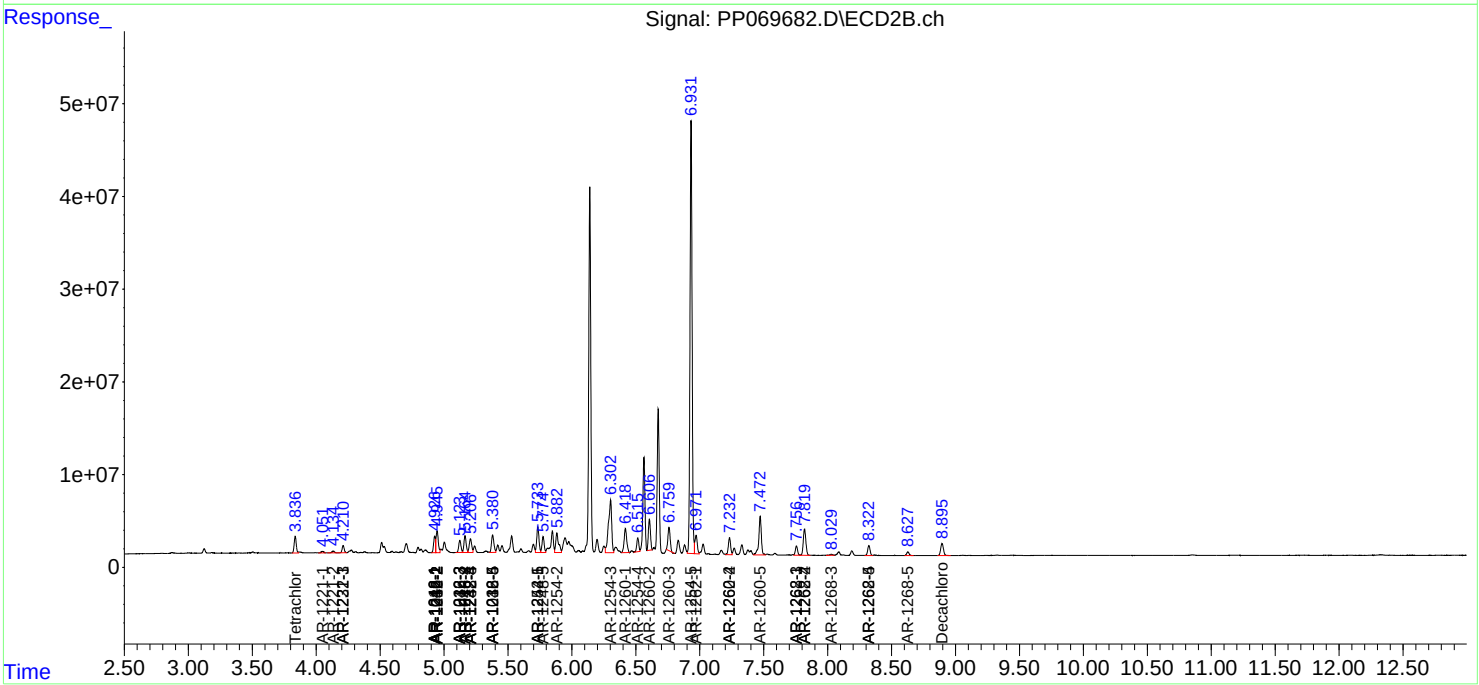
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021225\
Data File : PP069682.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Feb 2025 15:06
Operator : YP\AJ
Sample : Q1356-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

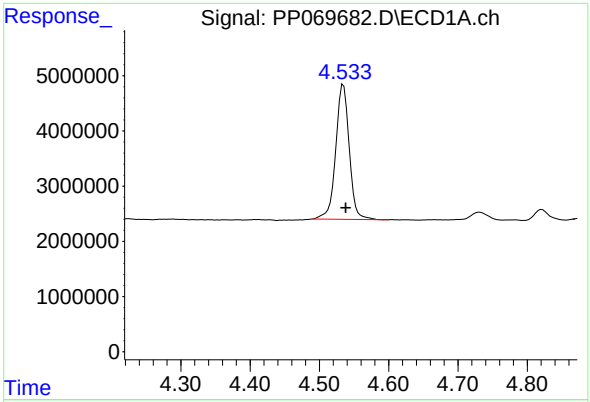
Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 12 22:25:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



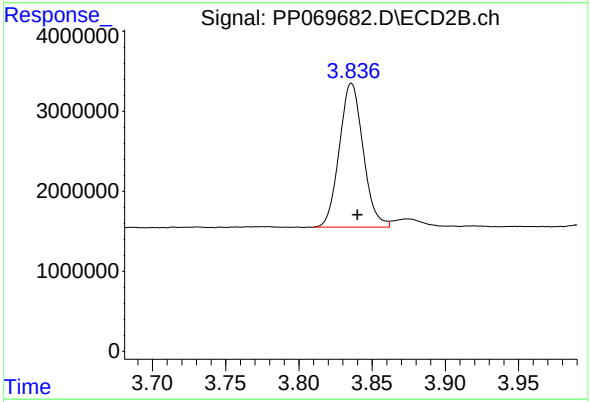




#1 Tetrachloro-m-xylene

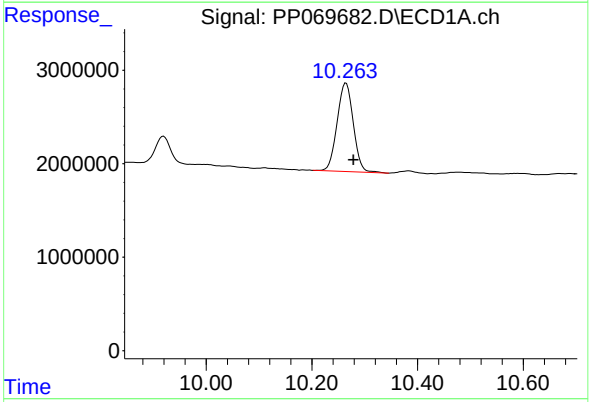
R.T.: 4.535 min
Delta R.T.: -0.003 min
Response: 33044445
Conc: 23.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMS



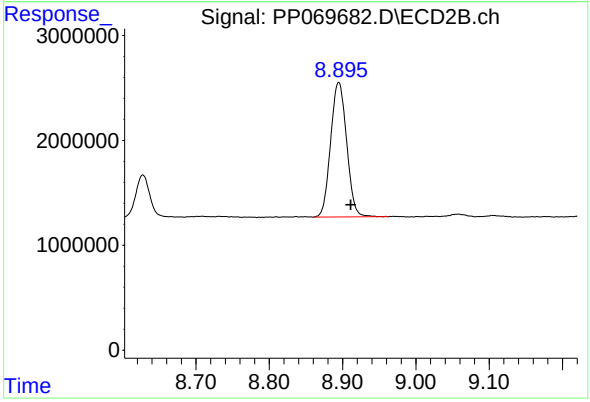
#1 Tetrachloro-m-xylene

R.T.: 3.836 min
Delta R.T.: -0.004 min
Response: 20358552
Conc: 22.81 ng/ml



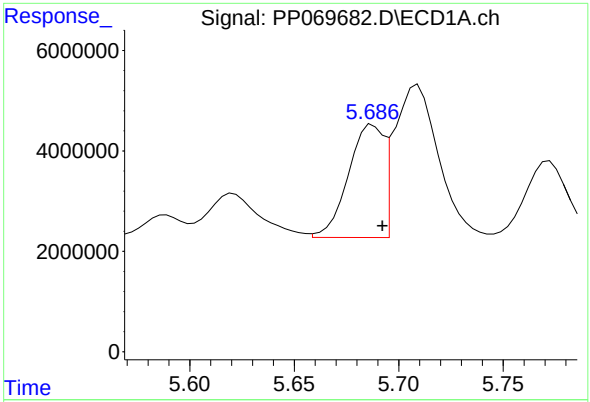
#2 Decachlorobiphenyl

R.T.: 10.265 min
Delta R.T.: -0.014 min
Response: 20151372
Conc: 18.44 ng/ml



#2 Decachlorobiphenyl

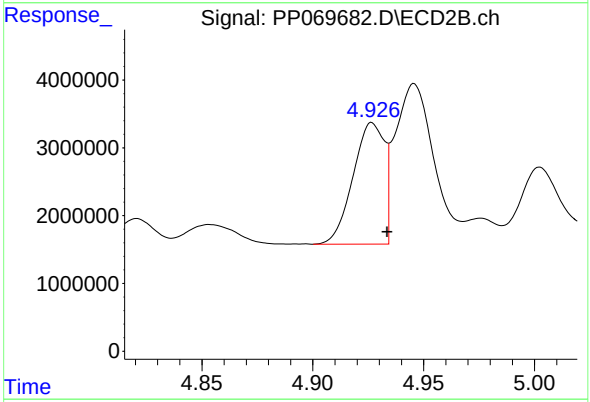
R.T.: 8.895 min
Delta R.T.: -0.016 min
Response: 19489212
Conc: 17.42 ng/ml



#3 AR-1016-1

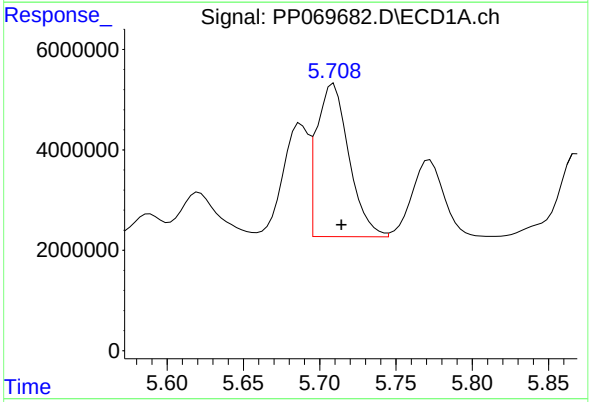
R.T.: 5.688 min
Delta R.T.: -0.004 min
Response: 26320998
Conc: 568.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMS



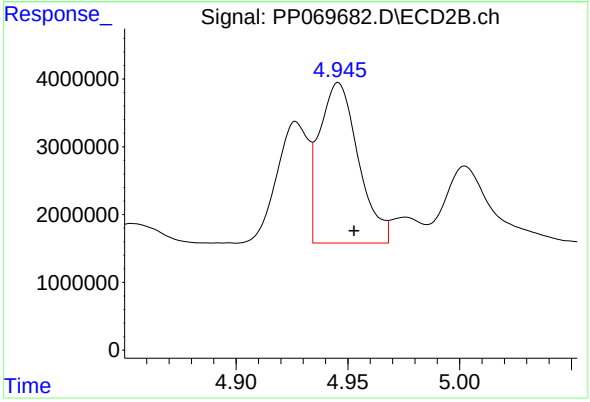
#3 AR-1016-1

R.T.: 4.927 min
Delta R.T.: -0.007 min
Response: 17643370
Conc: 540.96 ng/ml



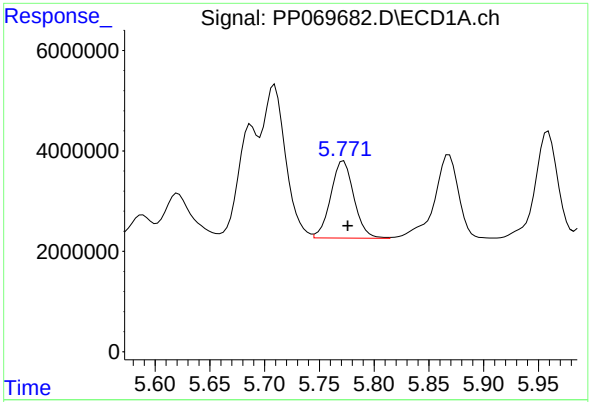
#4 AR-1016-2

R.T.: 5.709 min
Delta R.T.: -0.005 min
Response: 44795247
Conc: 659.95 ng/ml



#4 AR-1016-2

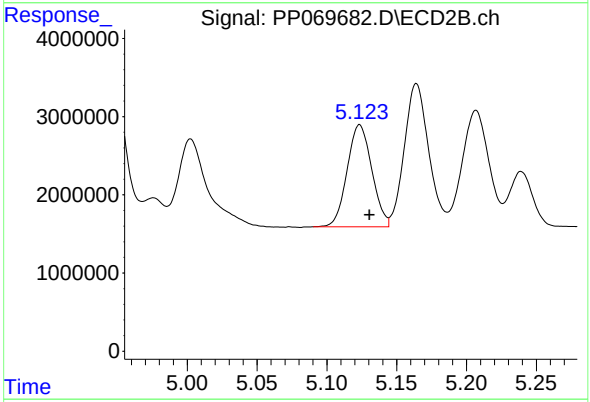
R.T.: 4.946 min
Delta R.T.: -0.007 min
Response: 28667714
Conc: 637.65 ng/ml



#5 AR-1016-3

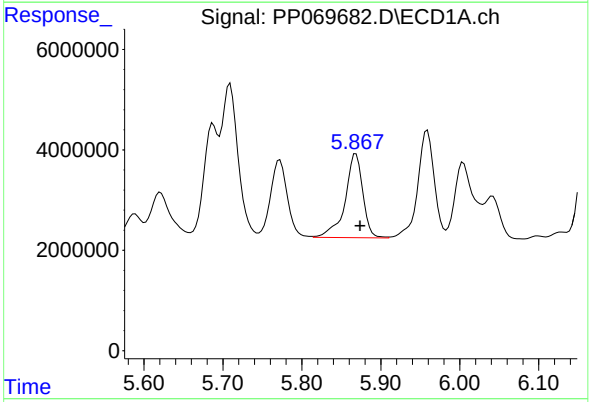
R.T.: 5.772 min
Delta R.T.: -0.004 min
Response: 22620229
Conc: 531.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMS



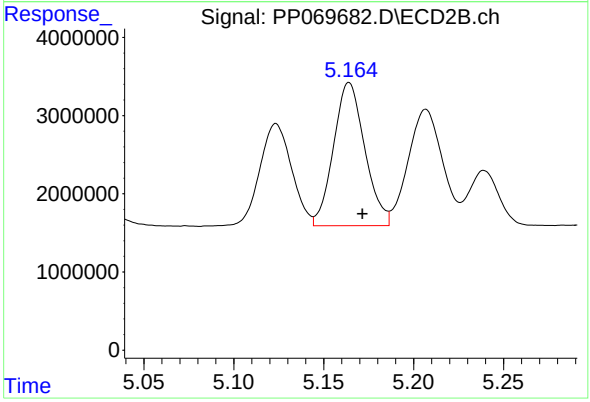
#5 AR-1016-3

R.T.: 5.123 min
Delta R.T.: -0.007 min
Response: 16042918
Conc: 644.71 ng/ml



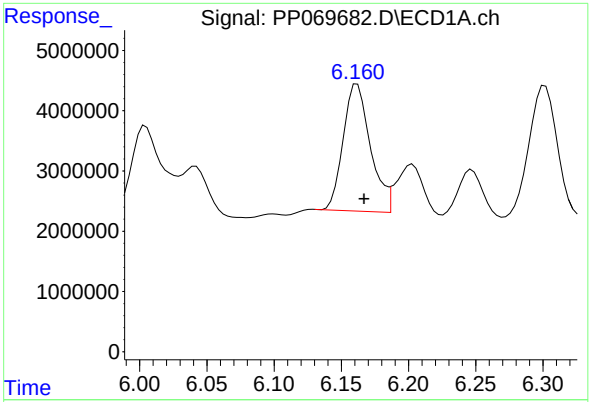
#6 AR-1016-4

R.T.: 5.868 min
Delta R.T.: -0.005 min
Response: 26038369
Conc: 743.94 ng/ml



#6 AR-1016-4

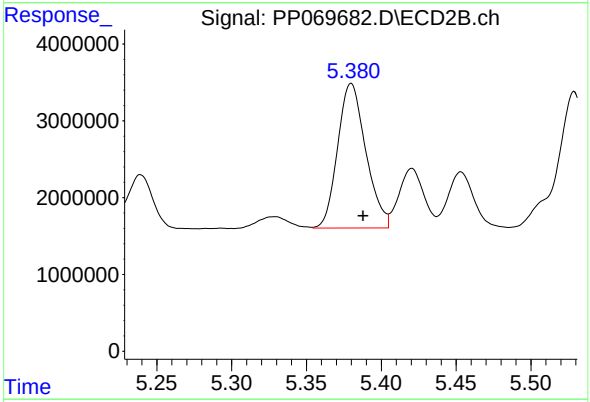
R.T.: 5.164 min
Delta R.T.: -0.007 min
Response: 22200169
Conc: 1099.22 ng/ml



#7 AR-1016-5

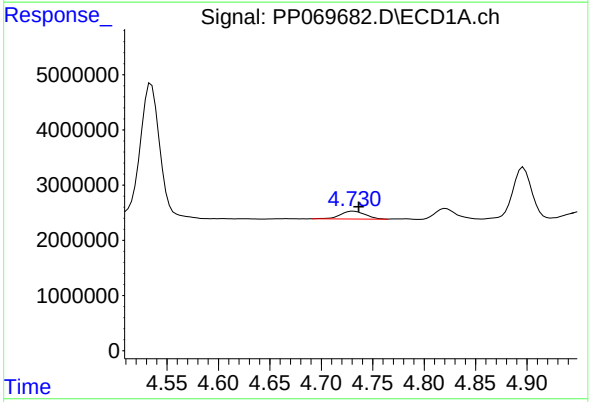
R.T.: 6.162 min
Delta R.T.: -0.005 min
Response: 29707545
Conc: 898.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMS



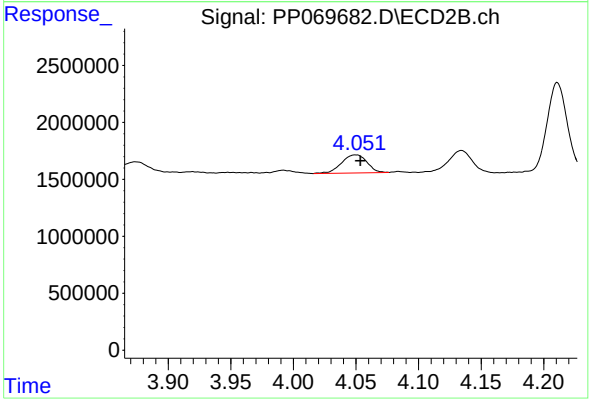
#7 AR-1016-5

R.T.: 5.380 min
Delta R.T.: -0.008 min
Response: 24657261
Conc: 919.23 ng/ml



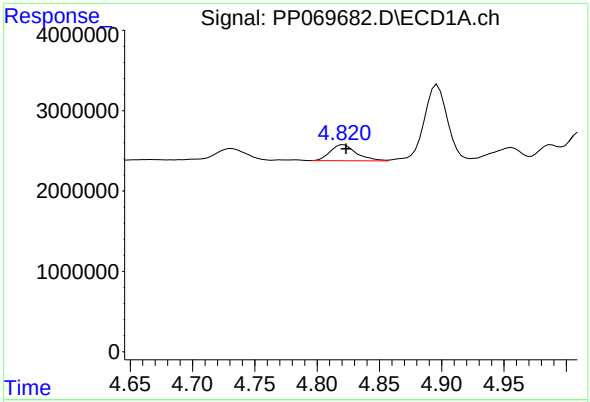
#8 AR-1221-1

R.T.: 4.731 min
Delta R.T.: -0.005 min
Response: 2412568
Conc: 126.85 ng/ml



#8 AR-1221-1

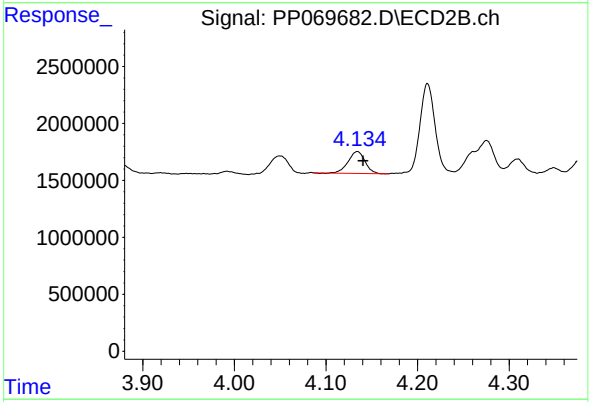
R.T.: 4.050 min
Delta R.T.: -0.004 min
Response: 2251912
Conc: 182.81 ng/ml



#9 AR-1221-2

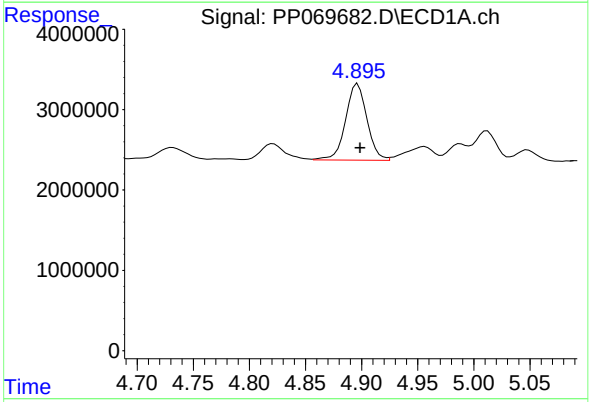
R.T.: 4.821 min
Delta R.T.: -0.002 min
Response: 2916096
Conc: 212.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMS



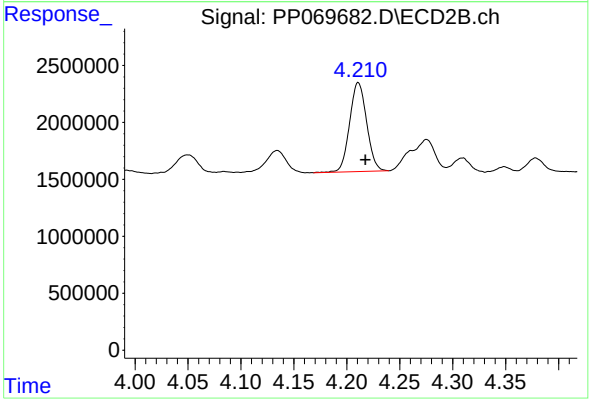
#9 AR-1221-2

R.T.: 4.134 min
Delta R.T.: -0.006 min
Response: 2457089
Conc: 253.74 ng/ml



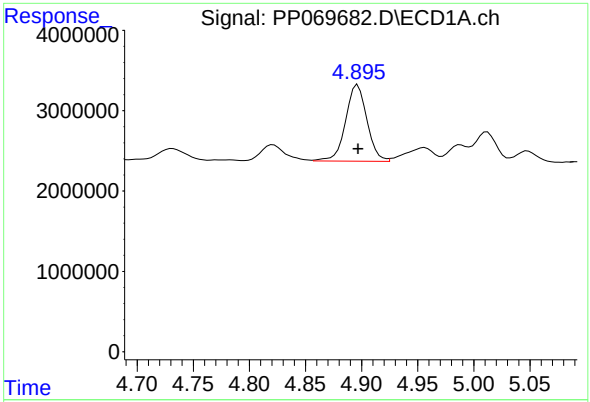
#10 AR-1221-3

R.T.: 4.897 min
Delta R.T.: -0.002 min
Response: 12585849
Conc: 300.07 ng/ml



#10 AR-1221-3

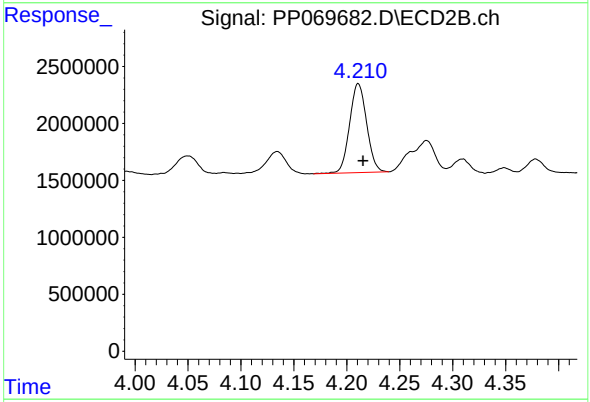
R.T.: 4.211 min
Delta R.T.: -0.007 min
Response: 8759530
Conc: 300.25 ng/ml



#11 AR-1232-1

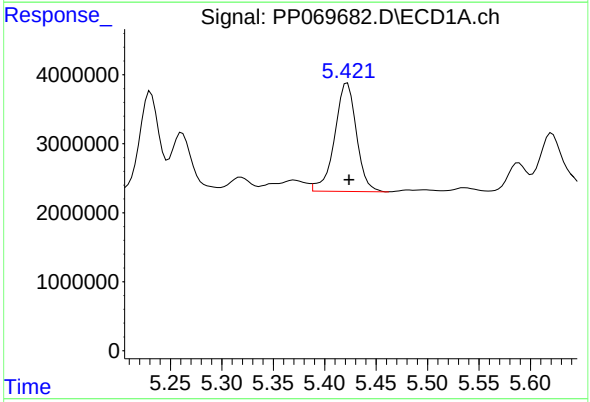
R.T.: 4.897 min
Delta R.T.: 0.000 min
Response: 12585849
Conc: 378.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMS



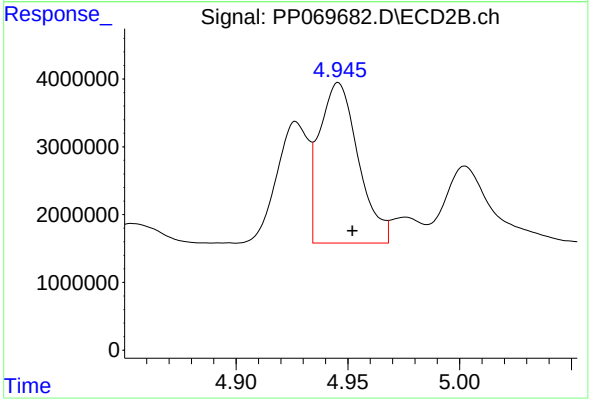
#11 AR-1232-1

R.T.: 4.211 min
Delta R.T.: -0.005 min
Response: 8759530
Conc: 373.07 ng/ml



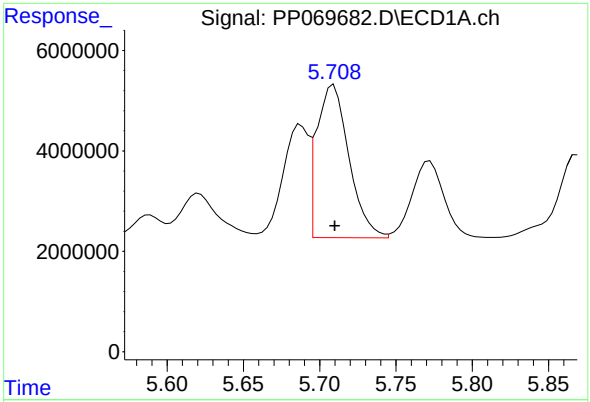
#12 AR-1232-2

R.T.: 5.422 min
Delta R.T.: -0.002 min
Response: 23154660
Conc: 1416.88 ng/ml



#12 AR-1232-2

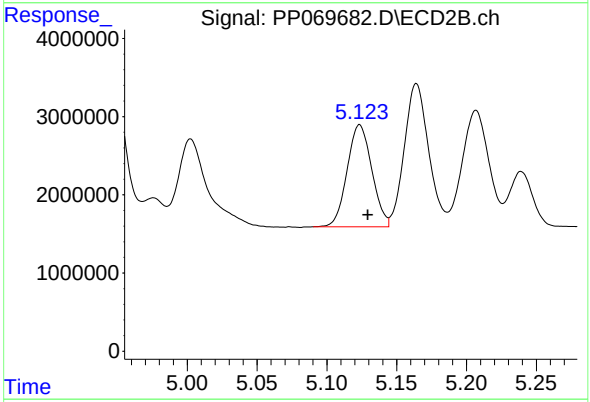
R.T.: 4.946 min
Delta R.T.: -0.006 min
Response: 28667714
Conc: 1216.19 ng/ml



#13 AR-1232-3

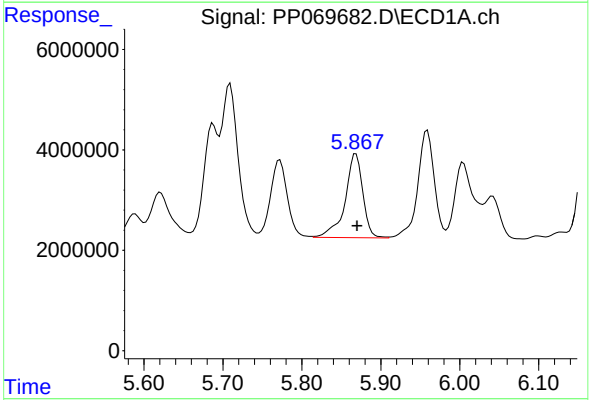
R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 44795247
Conc: 1303.74 ng/m

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMS



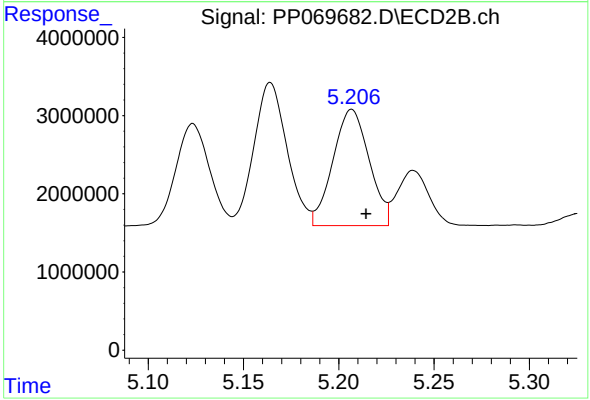
#13 AR-1232-3

R.T.: 5.123 min
Delta R.T.: -0.006 min
Response: 16042918
Conc: 1239.10 ng/ml



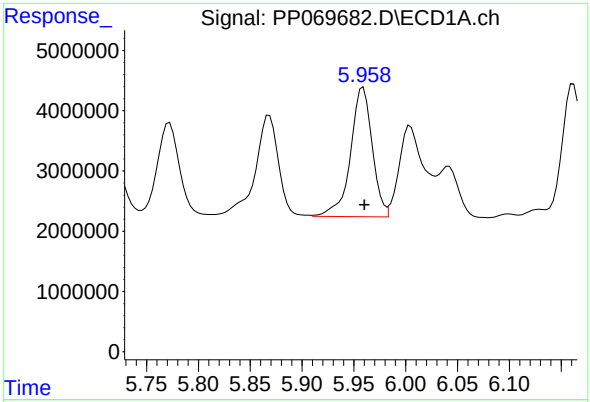
#14 AR-1232-4

R.T.: 5.868 min
Delta R.T.: -0.002 min
Response: 26038369
Conc: 1461.50 ng/ml



#14 AR-1232-4

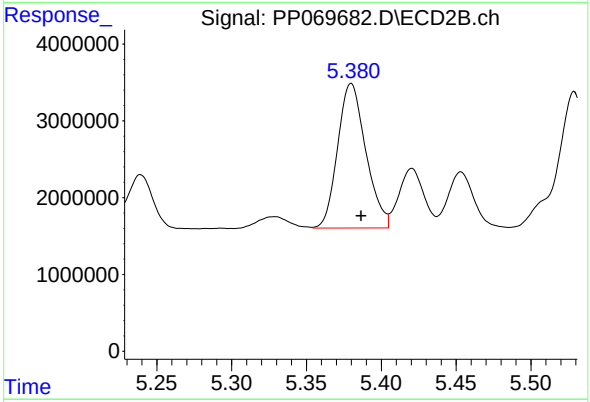
R.T.: 5.207 min
Delta R.T.: -0.008 min
Response: 19712222
Conc: 1778.07 ng/ml



#15 AR-1232-5

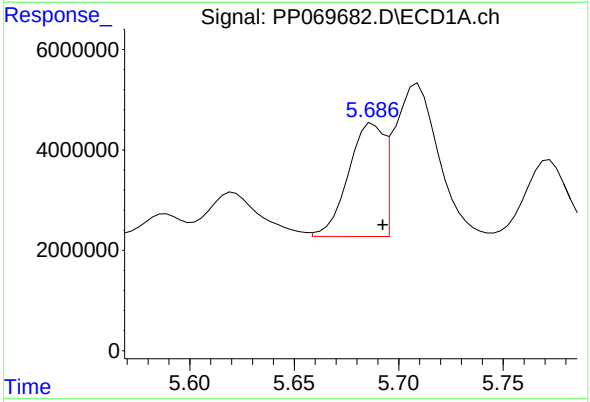
R.T.: 5.959 min
Delta R.T.: -0.001 min
Response: 31348612
Conc: 2734.90 ng/m

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMS



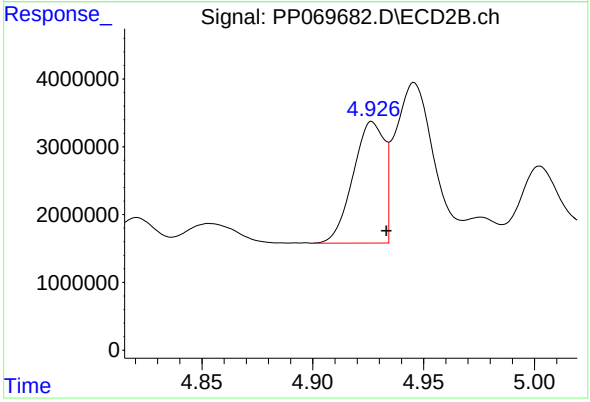
#15 AR-1232-5

R.T.: 5.380 min
Delta R.T.: -0.007 min
Response: 24657261
Conc: 2019.38 ng/ml



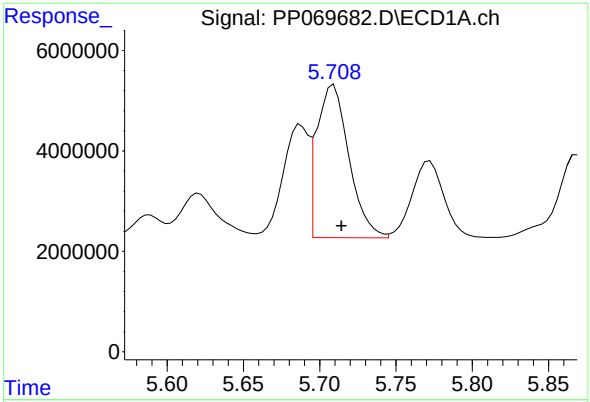
#16 AR-1242-1

R.T.: 5.688 min
Delta R.T.: -0.005 min
Response: 26320998
Conc: 631.12 ng/ml



#16 AR-1242-1

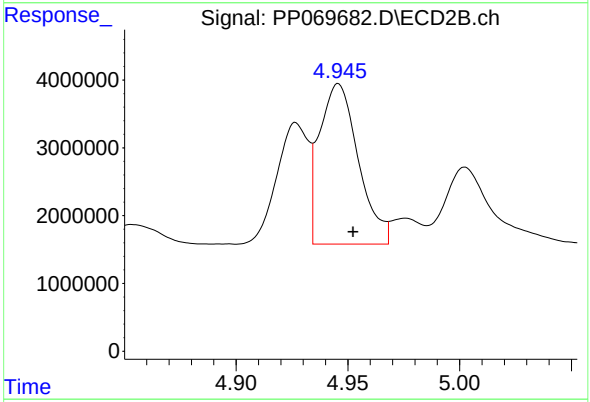
R.T.: 4.927 min
Delta R.T.: -0.006 min
Response: 17643370
Conc: 611.94 ng/ml



#17 AR-1242-2

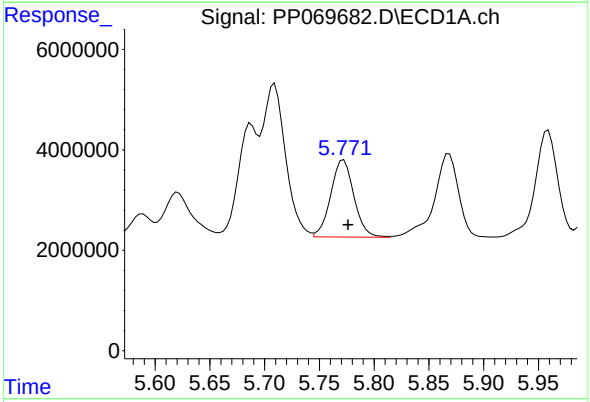
R.T.: 5.709 min
Delta R.T.: -0.005 min
Response: 44795247
Conc: 759.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMS



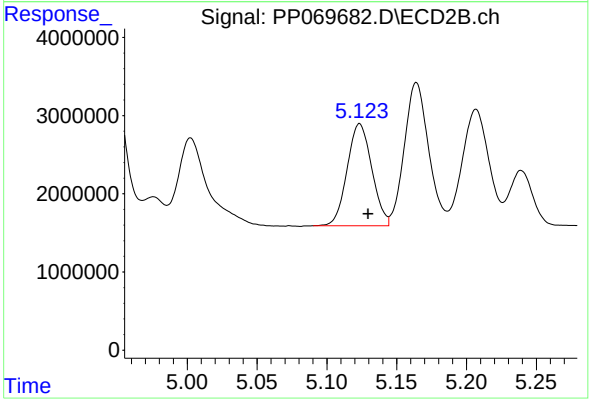
#17 AR-1242-2

R.T.: 4.946 min
Delta R.T.: -0.007 min
Response: 28667714
Conc: 727.65 ng/ml



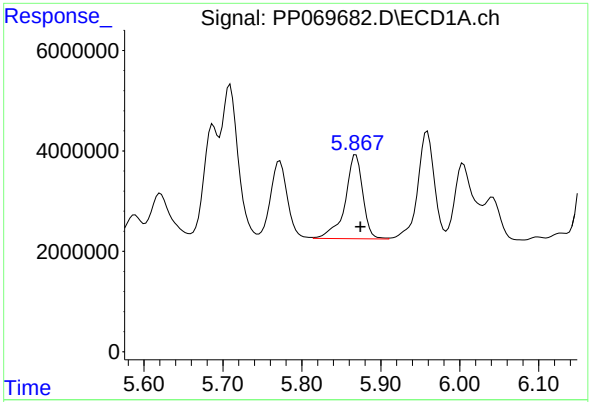
#18 AR-1242-3

R.T.: 5.772 min
Delta R.T.: -0.004 min
Response: 22620229
Conc: 609.73 ng/ml



#18 AR-1242-3

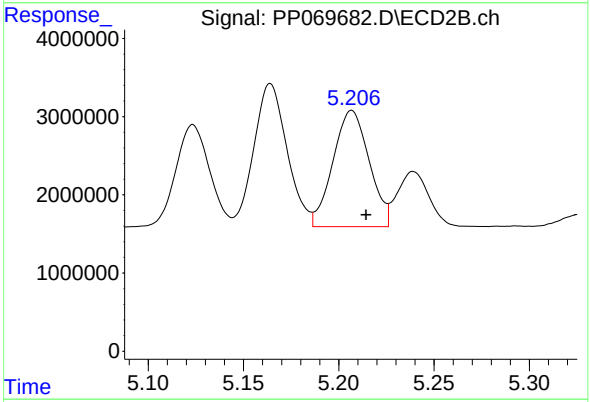
R.T.: 5.123 min
Delta R.T.: -0.006 min
Response: 16042918
Conc: 712.89 ng/ml



#19 AR-1242-4

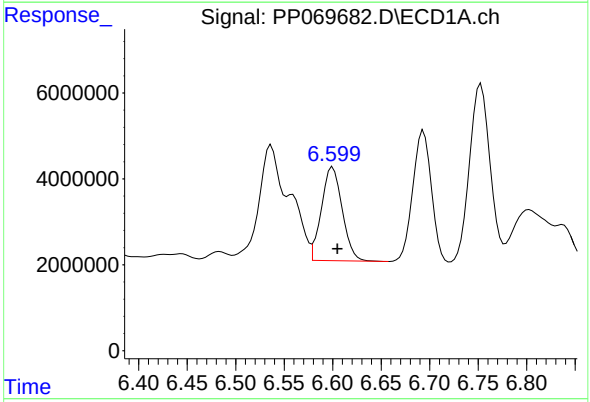
R.T.: 5.868 min
Delta R.T.: -0.006 min
Response: 26038369
Conc: 793.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMS



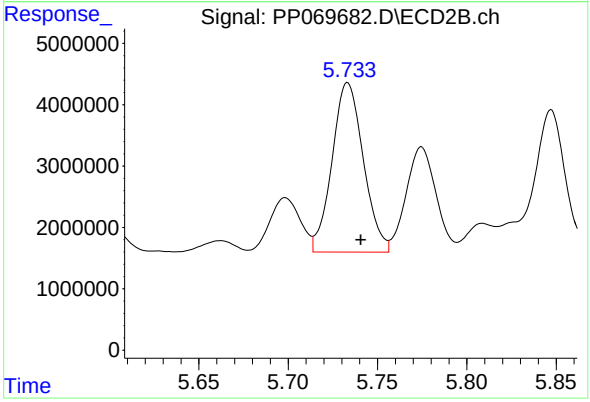
#19 AR-1242-4

R.T.: 5.207 min
Delta R.T.: -0.008 min
Response: 19712222
Conc: 913.35 ng/ml



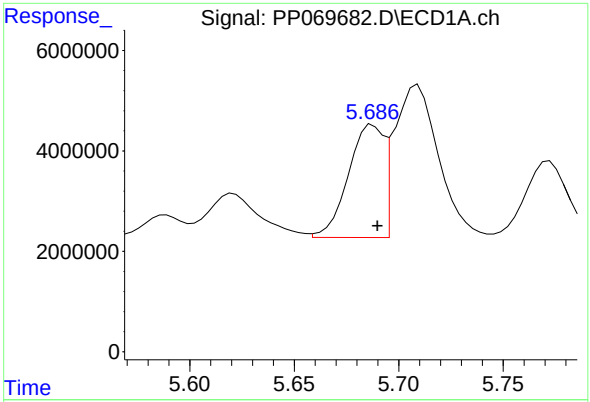
#20 AR-1242-5

R.T.: 6.600 min
Delta R.T.: -0.005 min
Response: 32603930
Conc: 1000.60 ng/ml



#20 AR-1242-5

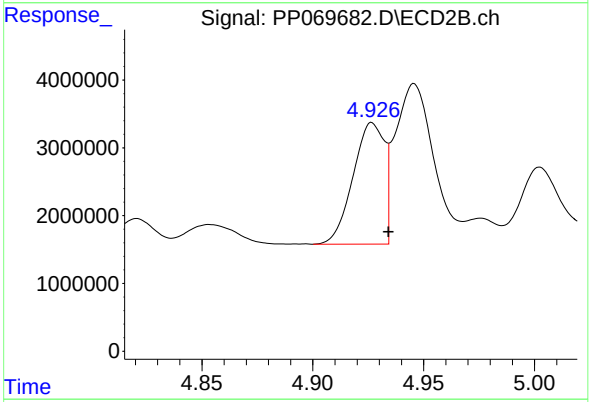
R.T.: 5.733 min
Delta R.T.: -0.007 min
Response: 33708536
Conc: 1171.72 ng/ml



#21 AR-1248-1

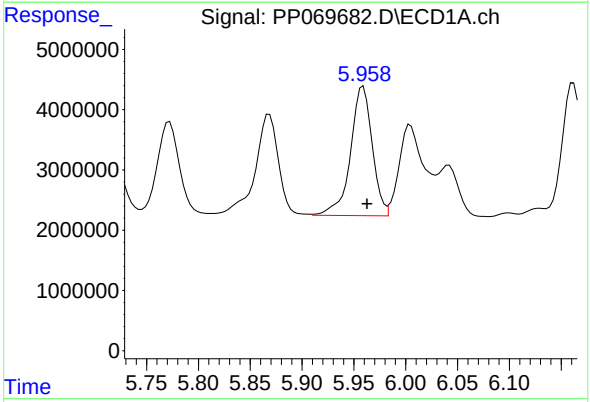
R.T.: 5.688 min
Delta R.T.: -0.002 min
Response: 26320998
Conc: 811.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMS



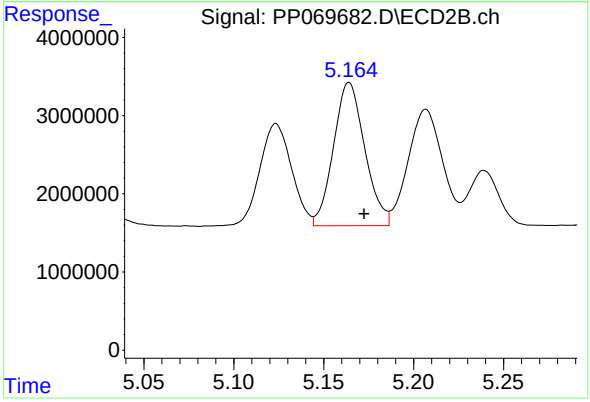
#21 AR-1248-1

R.T.: 4.927 min
Delta R.T.: -0.007 min
Response: 17643370
Conc: 801.59 ng/ml



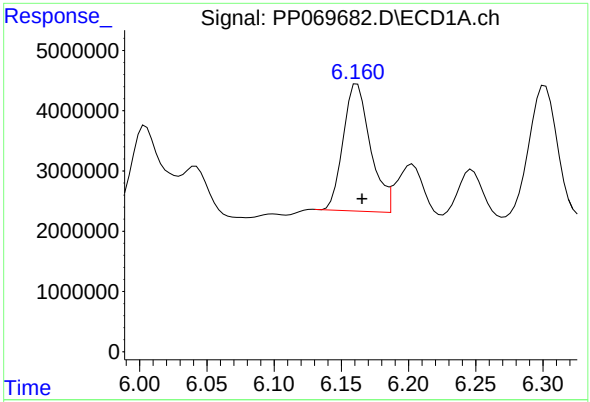
#22 AR-1248-2

R.T.: 5.959 min
Delta R.T.: -0.004 min
Response: 31348612
Conc: 738.55 ng/ml



#22 AR-1248-2

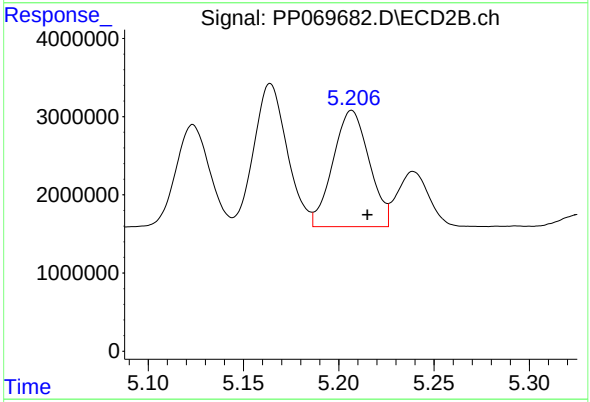
R.T.: 5.164 min
Delta R.T.: -0.008 min
Response: 22200169
Conc: 738.42 ng/ml



#23 AR-1248-3

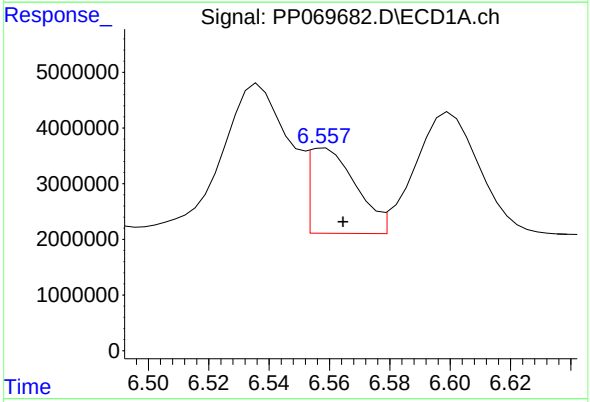
R.T.: 6.162 min
Delta R.T.: -0.004 min
Response: 29707545
Conc: 632.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMS



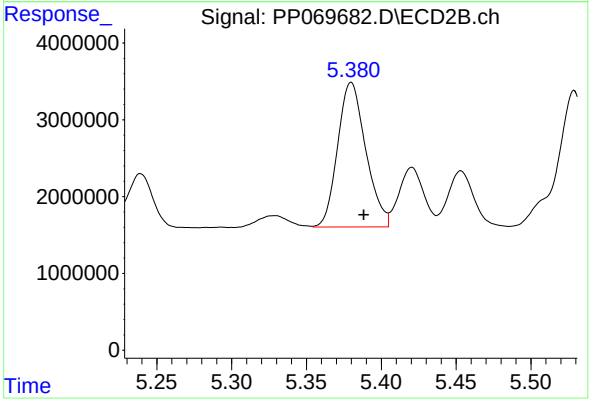
#23 AR-1248-3

R.T.: 5.207 min
Delta R.T.: -0.008 min
Response: 19712222
Conc: 636.20 ng/ml



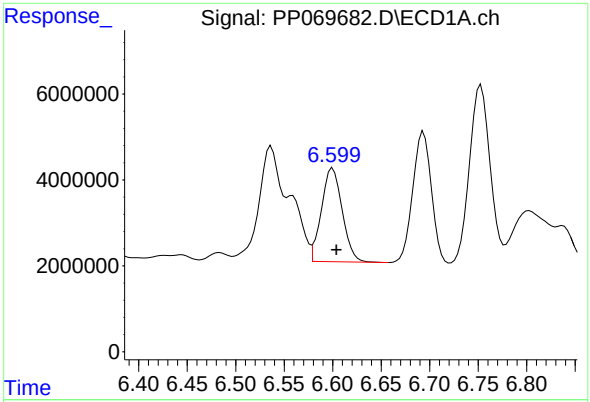
#24 AR-1248-4

R.T.: 6.558 min
Delta R.T.: -0.006 min
Response: 16521702
Conc: 299.73 ng/ml



#24 AR-1248-4

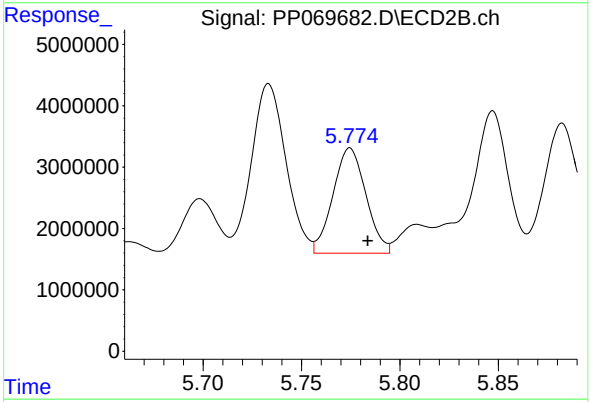
R.T.: 5.380 min
Delta R.T.: -0.008 min
Response: 24657261
Conc: 667.43 ng/ml



#25 AR-1248-5

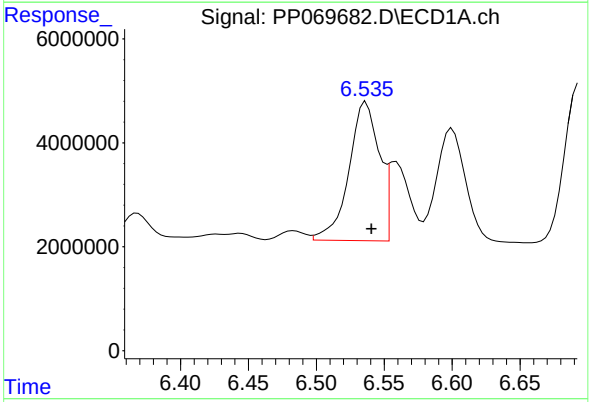
R.T.: 6.600 min
Delta R.T.: -0.004 min
Response: 32603930
Conc: 610.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMS



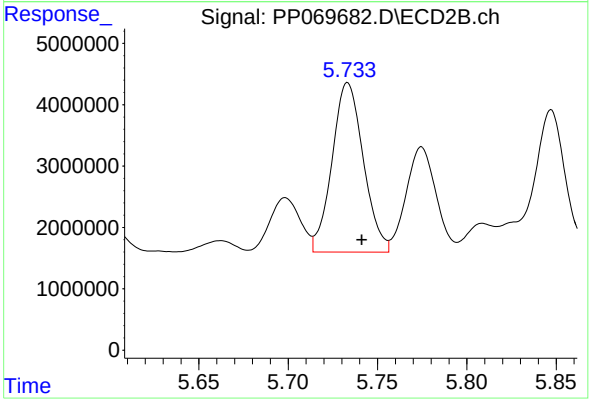
#25 AR-1248-5

R.T.: 5.775 min
Delta R.T.: -0.009 min
Response: 20009209
Conc: 535.16 ng/ml



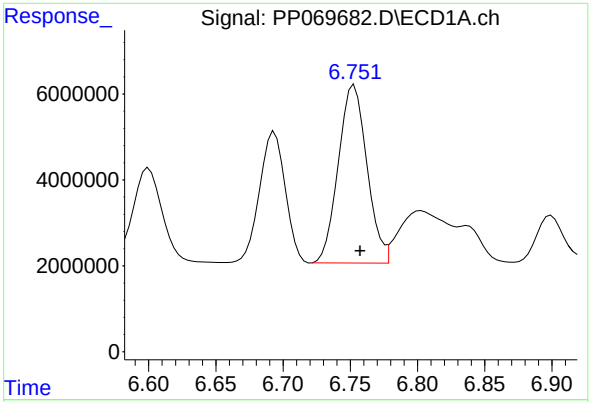
#26 AR-1254-1

R.T.: 6.537 min
Delta R.T.: -0.004 min
Response: 41639581
Conc: 719.61 ng/ml



#26 AR-1254-1

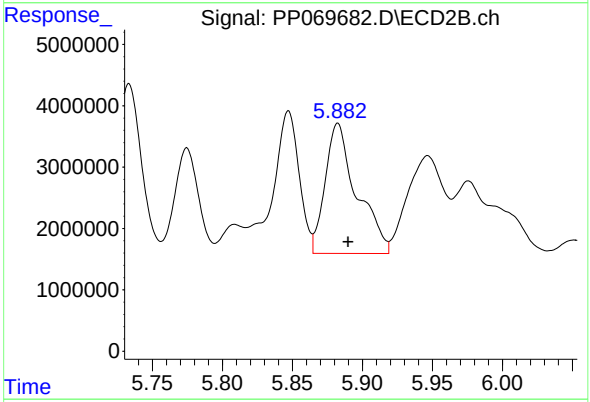
R.T.: 5.733 min
Delta R.T.: -0.008 min
Response: 33708536
Conc: 612.26 ng/ml



#27 AR-1254-2

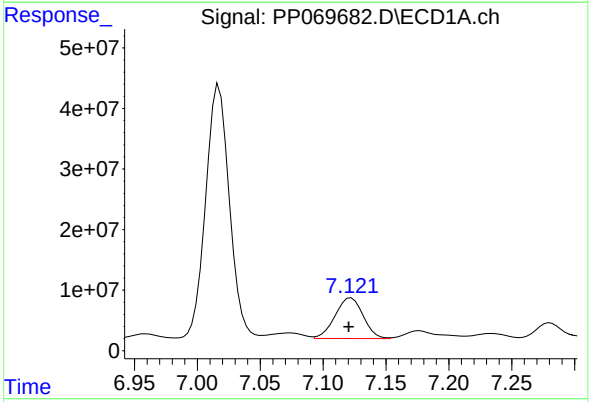
R.T.: 6.753 min
Delta R.T.: -0.004 min
Response: 61352133
Conc: 764.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMS



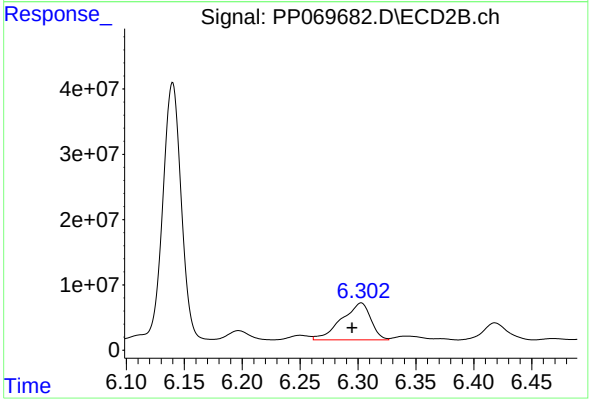
#27 AR-1254-2

R.T.: 5.882 min
Delta R.T.: -0.007 min
Response: 33299437
Conc: 688.45 ng/ml



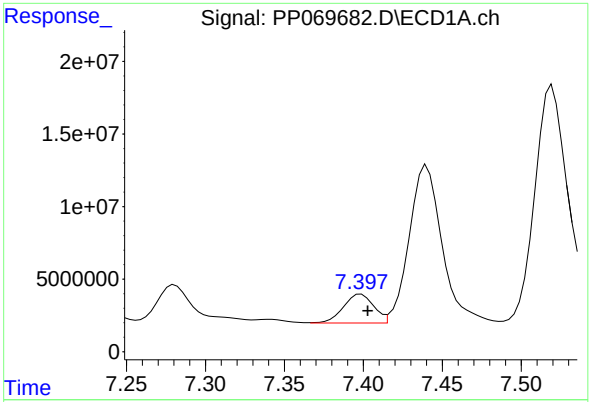
#28 AR-1254-3

R.T.: 7.122 min
Delta R.T.: 0.002 min
Response: 104240337
Conc: 1236.71 ng/ml



#28 AR-1254-3

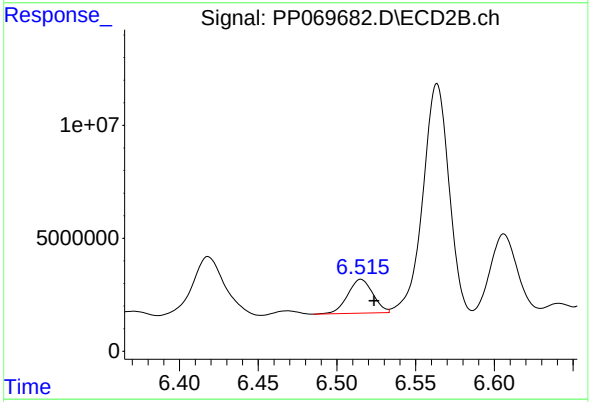
R.T.: 6.303 min
Delta R.T.: 0.008 min
Response: 99832619
Conc: 1315.39 ng/ml



#29 AR-1254-4

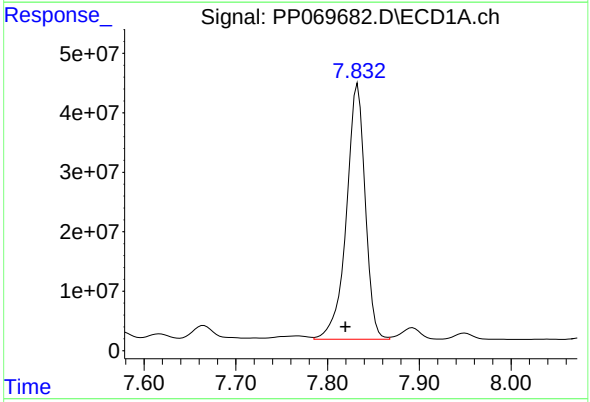
R.T.: 7.399 min
Delta R.T.: -0.004 min
Response: 26542784
Conc: 389.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMS



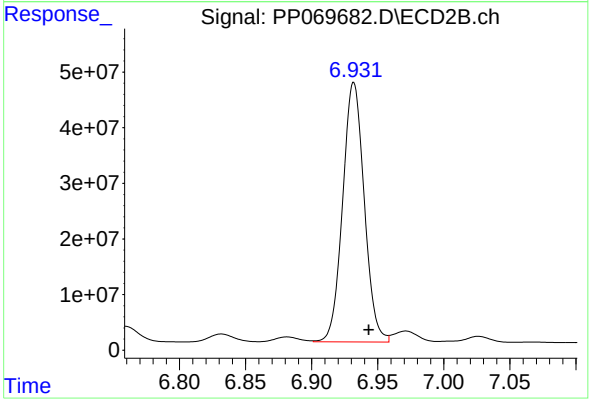
#29 AR-1254-4

R.T.: 6.515 min
Delta R.T.: -0.008 min
Response: 16675086
Conc: 325.37 ng/ml



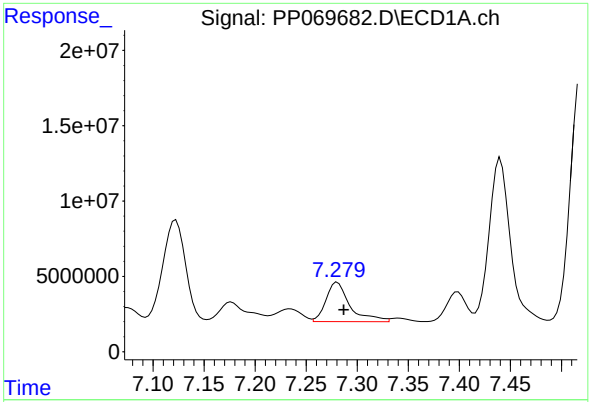
#30 AR-1254-5

R.T.: 7.833 min
Delta R.T.: 0.013 min
Response: 610928906
Conc: 8978.16 ng/ml



#30 AR-1254-5

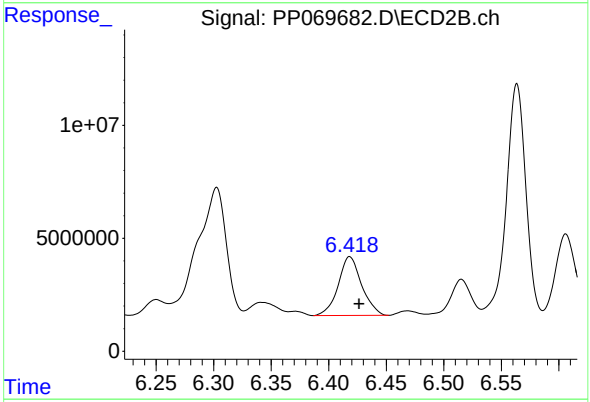
R.T.: 6.932 min
Delta R.T.: -0.011 min
Response: 530947264
Conc: 7976.92 ng/ml



#31 AR-1260-1

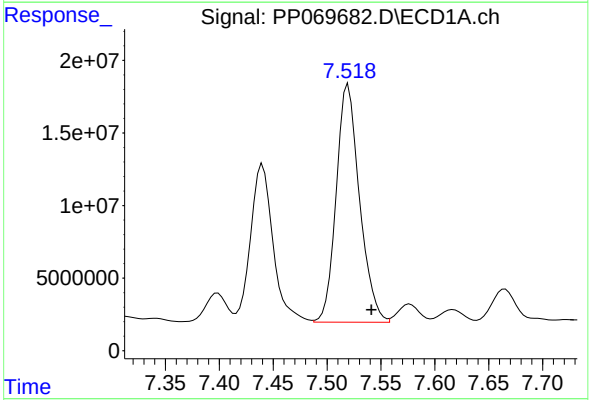
R.T.: 7.280 min
Delta R.T.: -0.006 min
Response: 42970601
Conc: 735.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMS



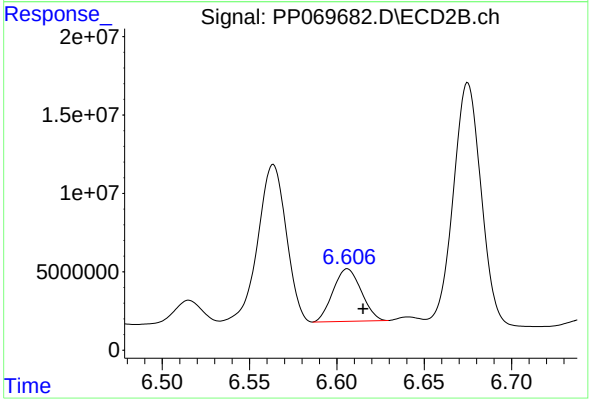
#31 AR-1260-1

R.T.: 6.418 min
Delta R.T.: -0.008 min
Response: 37101680
Conc: 769.27 ng/ml



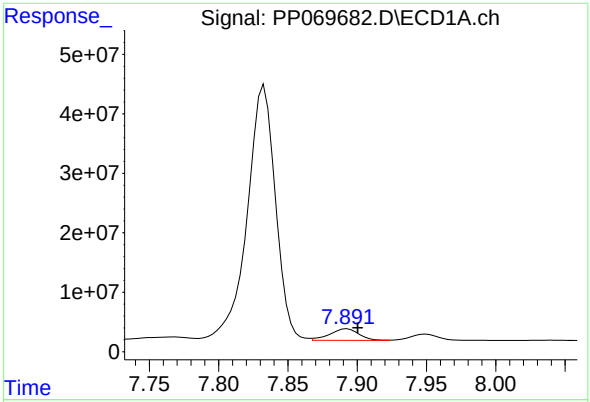
#32 AR-1260-2

R.T.: 7.520 min
Delta R.T.: -0.022 min
Response: 246562259
Conc: 3168.66 ng/ml



#32 AR-1260-2

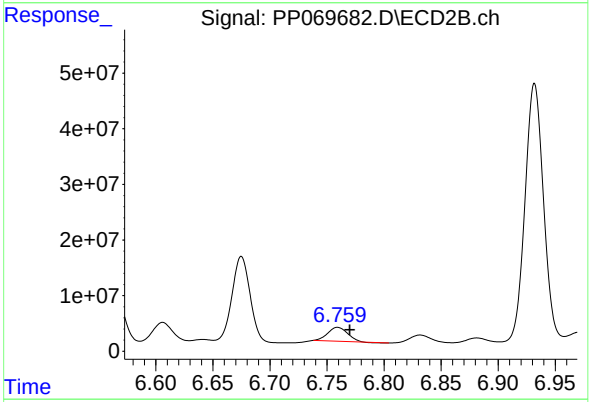
R.T.: 6.606 min
Delta R.T.: -0.009 min
Response: 37651302
Conc: 614.18 ng/ml



#33 AR-1260-3

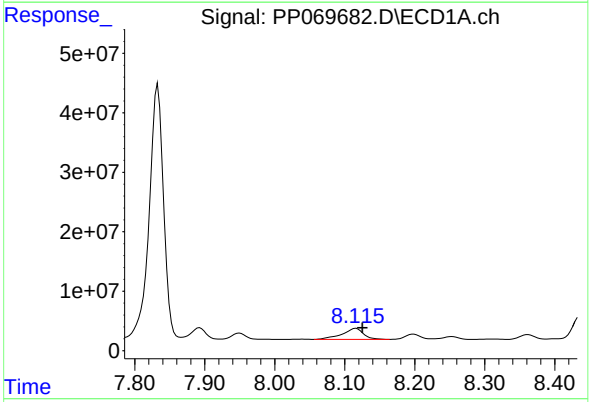
R.T.: 7.893 min
Delta R.T.: -0.008 min
Response: 28467511
Conc: 455.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMS



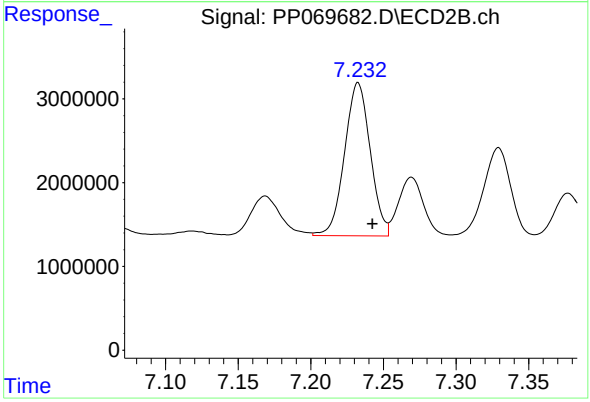
#33 AR-1260-3

R.T.: 6.759 min
Delta R.T.: -0.010 min
Response: 30174671
Conc: 501.60 ng/ml



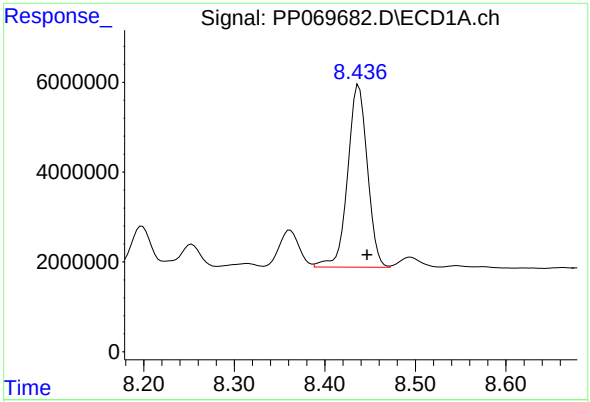
#34 AR-1260-4

R.T.: 8.116 min
Delta R.T.: -0.009 min
Response: 39778864
Conc: 602.92 ng/ml



#34 AR-1260-4

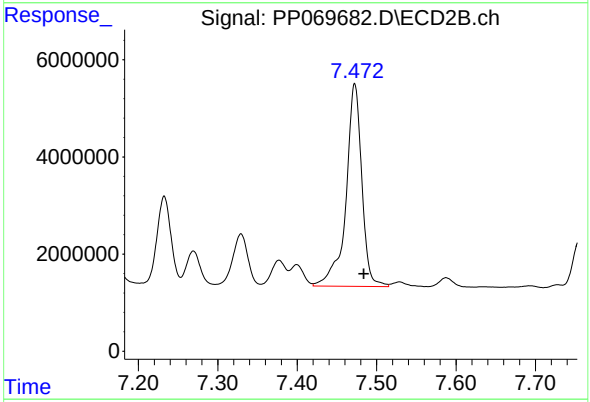
R.T.: 7.233 min
Delta R.T.: -0.010 min
Response: 22503792
Conc: 484.29 ng/ml



#35 AR-1260-5

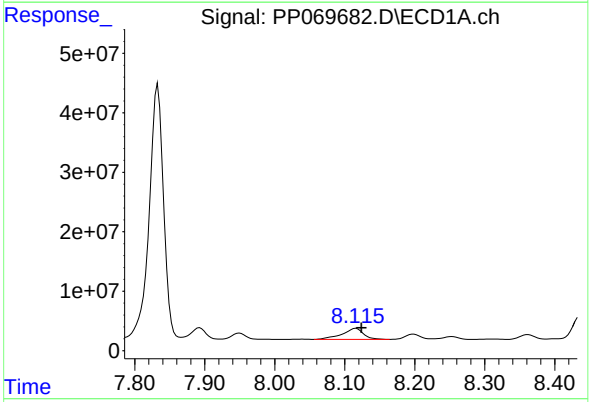
R.T.: 8.438 min
Delta R.T.: -0.009 min
Response: 61521652
Conc: 469.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMS



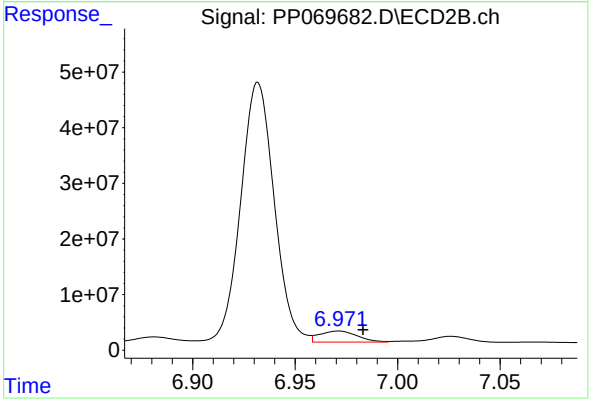
#35 AR-1260-5

R.T.: 7.473 min
Delta R.T.: -0.011 min
Response: 57893096
Conc: 520.88 ng/ml



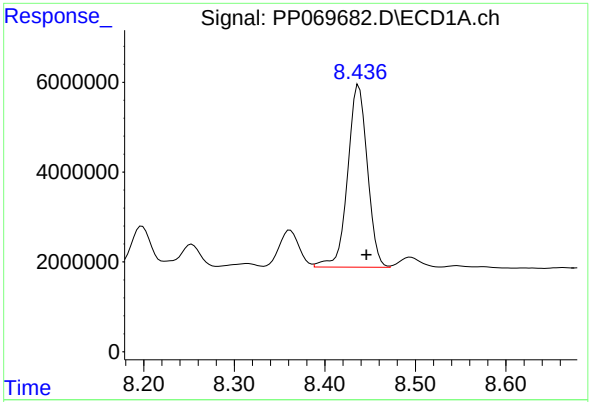
#36 AR-1262-1

R.T.: 8.116 min
Delta R.T.: -0.008 min
Response: 39778864
Conc: 503.41 ng/ml



#36 AR-1262-1

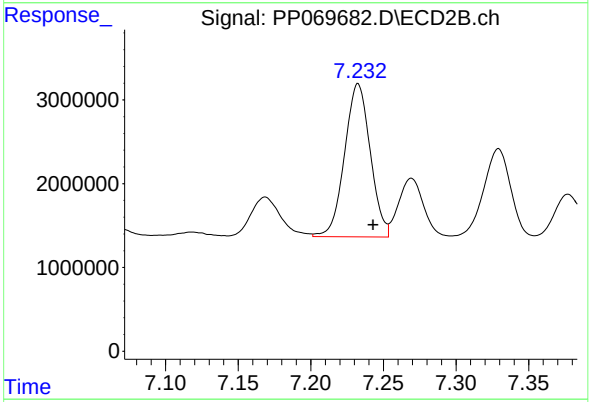
R.T.: 6.971 min
Delta R.T.: -0.012 min
Response: 25521697
Conc: 359.39 ng/ml



#37 AR-1262-2

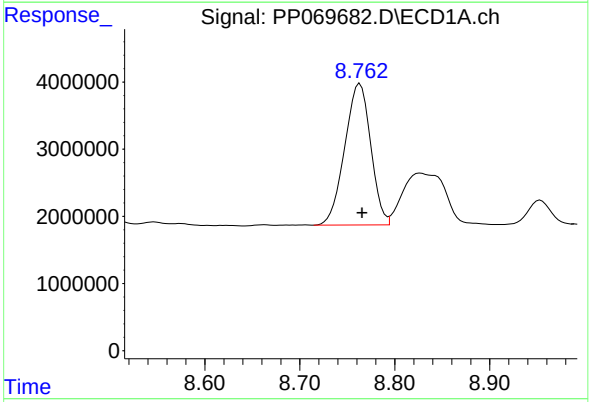
R.T.: 8.438 min
Delta R.T.: -0.008 min
Response: 61521652
Conc: 402.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMS



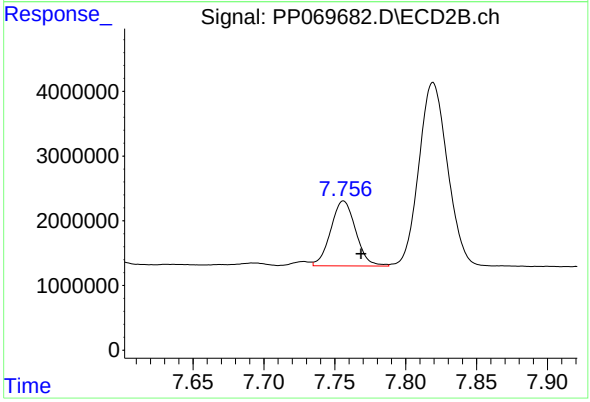
#37 AR-1262-2

R.T.: 7.233 min
Delta R.T.: -0.010 min
Response: 22503792
Conc: 369.04 ng/ml



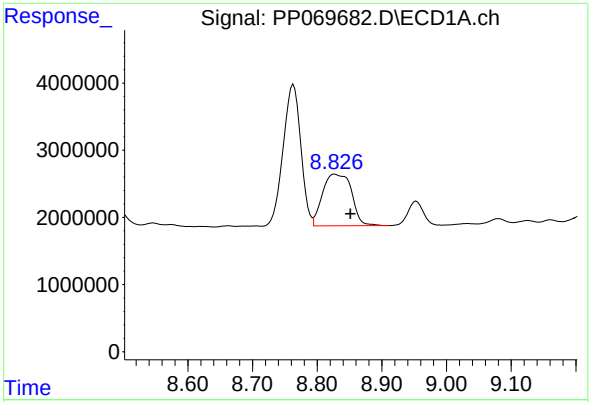
#38 AR-1262-3

R.T.: 8.763 min
Delta R.T.: -0.002 min
Response: 40048993
Conc: 376.83 ng/ml



#38 AR-1262-3

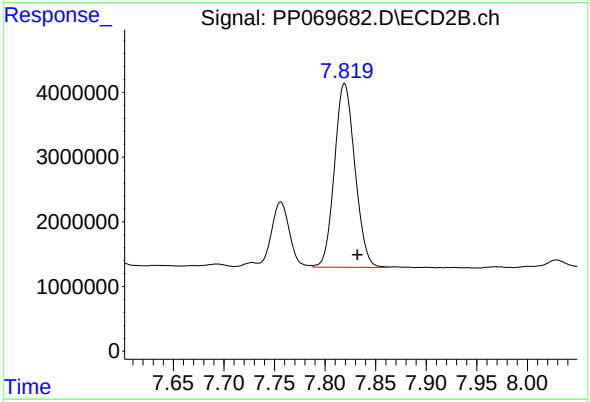
R.T.: 7.756 min
Delta R.T.: -0.012 min
Response: 12287570
Conc: 234.95 ng/ml



#39 AR-1262-4

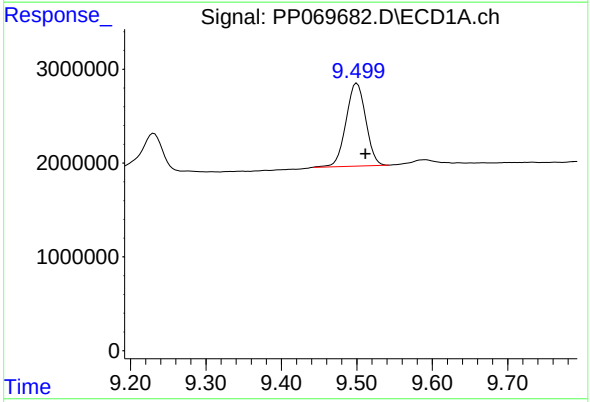
R.T.: 8.827 min
Delta R.T.: -0.024 min
Response: 23998670
Conc: 293.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMS



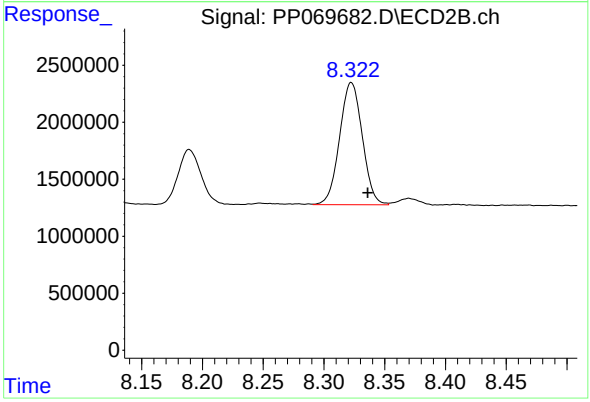
#39 AR-1262-4

R.T.: 7.819 min
Delta R.T.: -0.013 min
Response: 39969777
Conc: 432.40 ng/ml



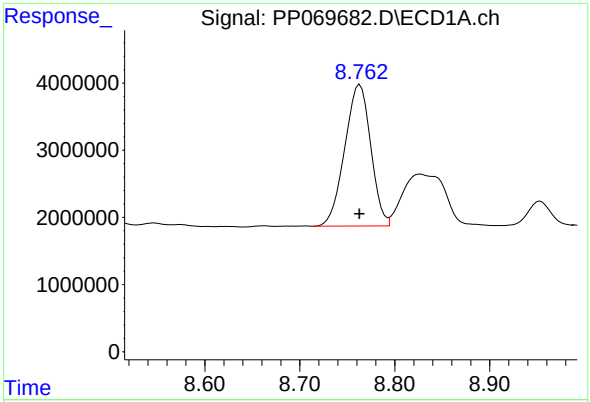
#40 AR-1262-5

R.T.: 9.500 min
Delta R.T.: -0.011 min
Response: 16018120
Conc: 282.95 ng/ml



#40 AR-1262-5

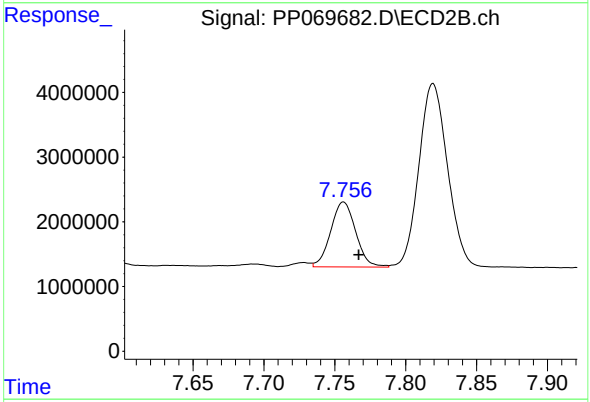
R.T.: 8.323 min
Delta R.T.: -0.013 min
Response: 13965982
Conc: 292.22 ng/ml



#41 AR-1268-1

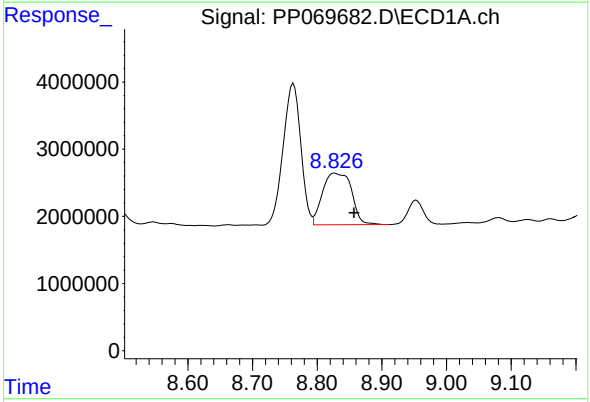
R.T.: 8.763 min
Delta R.T.: 0.000 min
Response: 40048993
Conc: 226.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMS



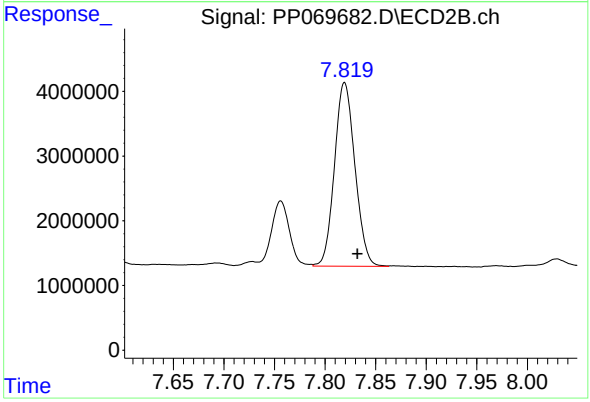
#41 AR-1268-1

R.T.: 7.756 min
Delta R.T.: -0.011 min
Response: 12287570
Conc: 84.67 ng/ml



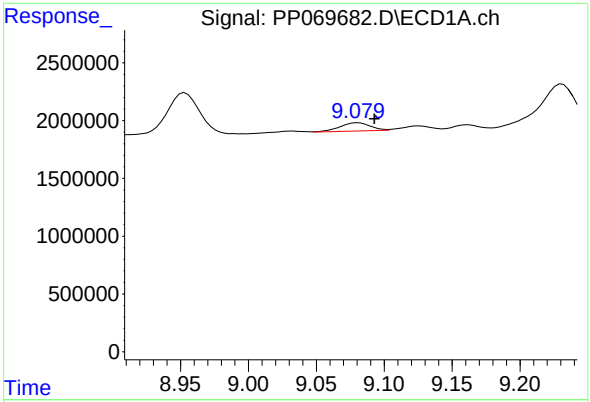
#42 AR-1268-2

R.T.: 8.827 min
Delta R.T.: -0.030 min
Response: 23998670
Conc: 152.50 ng/ml



#42 AR-1268-2

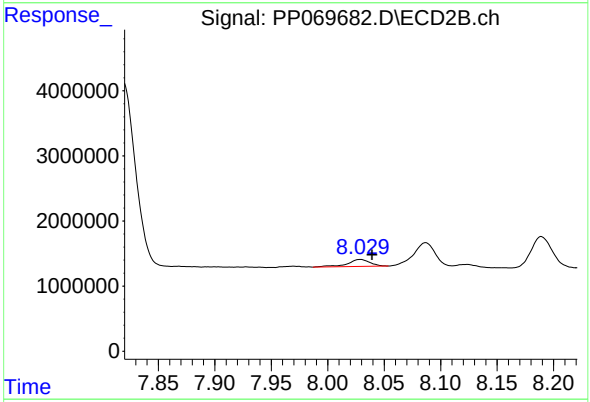
R.T.: 7.819 min
Delta R.T.: -0.013 min
Response: 39969777
Conc: 300.94 ng/ml



#43 AR-1268-3

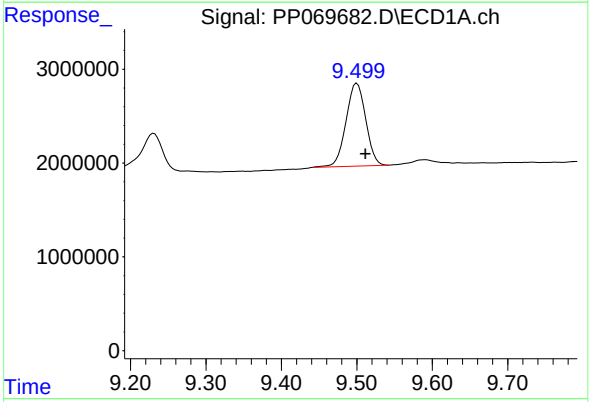
R.T.: 9.081 min
Delta R.T.: -0.012 min
Response: 1121058
Conc: 8.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMS



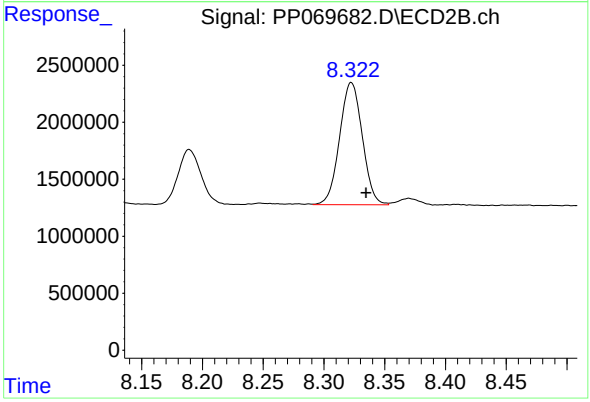
#43 AR-1268-3

R.T.: 8.029 min
Delta R.T.: -0.010 min
Response: 1460455
Conc: 12.84 ng/ml



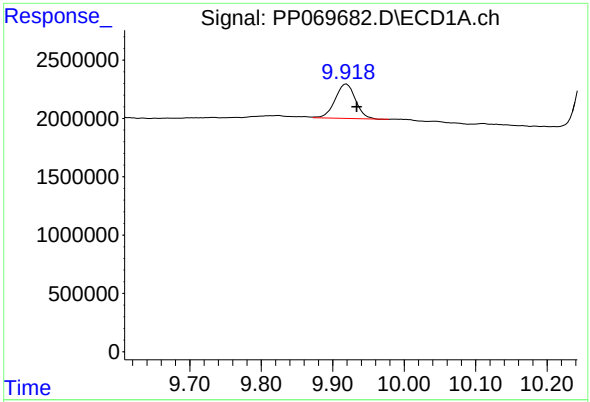
#44 AR-1268-4

R.T.: 9.500 min
Delta R.T.: -0.011 min
Response: 16018120
Conc: 272.78 ng/ml



#44 AR-1268-4

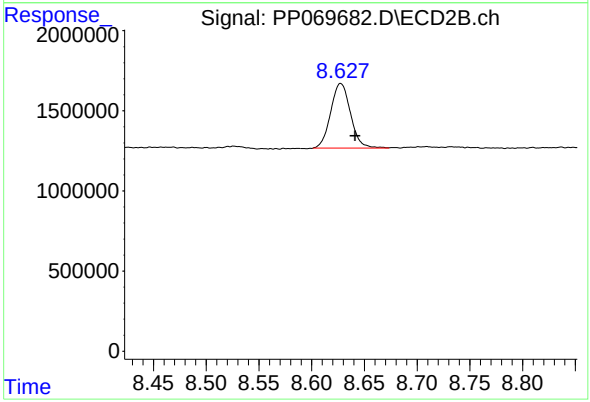
R.T.: 8.323 min
Delta R.T.: -0.012 min
Response: 13965982
Conc: 268.17 ng/ml



#45 AR-1268-5

R.T.: 9.919 min
Delta R.T.: -0.014 min
Response: 5875415
Conc: 15.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMS



#45 AR-1268-5

R.T.: 8.628 min
Delta R.T.: -0.013 min
Response: 5279536
Conc: 14.82 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021225\
Data File : PP069683.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Feb 2025 15:22
Operator : YP\AJ
Sample : Q1356-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 12 22:26:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.530	3.837	32785521	20199923	22.903	22.632	
2)	SA Decachlor...	10.259	8.896	20657165	19730849	18.901	17.641	
	Target Compounds							
3)	L1 AR-1016-1	5.683	4.927	26190415	17415015	565.265	533.957	
4)	L1 AR-1016-2	5.704	4.946	44935606	28946324	662.013	643.847	
5)	L1 AR-1016-3	5.767	5.124	22996404	16049359	539.865	644.967	
6)	L1 AR-1016-4	5.864	5.165	26449671	22074764	755.695	1093.012	#
7)	L1 AR-1016-5	6.157	5.380	29453750	24493402	890.957	913.119	
8)	L2 AR-1221-1	4.728	4.051	2431707	2187179	127.853	177.559	#
9)	L2 AR-1221-2	4.816	4.135	2953626	2451402	215.711	253.156	
10)	L2 AR-1221-3	4.892	4.211	12543199	8723077	299.050	299.000	
11)	L3 AR-1232-1	4.892	4.211	12543199	8723077	376.745	371.519	
12)	L3 AR-1232-2	5.417	4.946	22662810	28946324	1386.782	1228.008	
13)	L3 AR-1232-3	5.704	5.124	44935606	16049359	1307.827	1239.597	
14)	L3 AR-1232-4	5.864	5.207	26449671	19659503	1484.586	1773.314	
15)	L3 AR-1232-5	5.954	5.380	31188201	24493402	2720.910	2005.959	#
16)	L4 AR-1242-1	5.683	4.927	26190415	17415015	627.988	604.016	
17)	L4 AR-1242-2	5.704	4.946	44935606	28946324	761.738	734.720	
18)	L4 AR-1242-3	5.767	5.124	22996404	16049359	619.872	713.175	
19)	L4 AR-1242-4	5.864	5.207	26449671	19659503	806.524	910.911	
20)	L4 AR-1242-5	6.596	5.734	32369244	33424631	993.399	1161.854	
21)	L5 AR-1248-1	5.683	4.927	26190415	17415015	807.373	791.212	
22)	L5 AR-1248-2	5.954	5.165	31188201	22074764	734.767	734.245	
23)	L5 AR-1248-3	6.157	5.207	29453750	19659503	626.847	634.499	
24)	L5 AR-1248-4	6.553	5.380	16102664	24493402	292.131	662.993	#
25)	L5 AR-1248-5	6.596	5.775	32369244	19845382	606.350	530.776	
26)	L6 AR-1254-1	6.532	5.734	41519743	33424631	717.544	607.105	
27)	L6 AR-1254-2	6.748	5.882	60816592	32412125	757.916	670.104	
28)	L6 AR-1254-3	7.117	6.303	103.4E6	96832691	1226.396	1275.859	
29)	L6 AR-1254-4	7.393	6.516	26606508	16604673	390.194	323.995	
30)	L6 AR-1254-5	7.828	6.932	622.8E6	536.3E6	9152.493	8057.044	
31)	L7 AR-1260-1	7.276	6.418	42857182	36427233	733.400	755.289	
32)	L7 AR-1260-2	7.515	6.607	239.7E6	37652625	3080.536	614.198	#
33)	L7 AR-1260-3	7.887	6.760	28346620	29249158	453.406	486.218	
34)	L7 AR-1260-4	8.112	7.233	39502241	22762322	598.730	489.852	
35)	L7 AR-1260-5	8.434	7.473	61441759	58904368	469.286	529.977	
36)	L8 AR-1262-1	8.112	6.972	39502241	25046663	499.913	352.704	#
37)	L8 AR-1262-2	8.434	7.233	61441759	22762322	401.782	373.278	
38)	L8 AR-1262-3	8.759	7.757	39751721	12415034	374.029	237.385	#
39)	L8 AR-1262-4	8.836	7.820	10065750	40779330	123.064	441.161	#
40)	L8 AR-1262-5	9.495	8.323	16364026	14093096	289.065	294.883	
41)	L9 AR-1268-1	8.759	7.757	39751721	12415034	225.122	85.549	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021225\
Data File : PP069683.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Feb 2025 15:22
Operator : YP\AJ
Sample : Q1356-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 12 22:26:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.836	7.820	10065750	40779330	63.962	307.037 #
43) L9	AR-1268-3	9.075	8.029	1581890	1168909	11.829	10.277
44) L9	AR-1268-4	9.495	8.323	16364026	14093096	278.675	270.615
45) L9	AR-1268-5	9.916	8.628	5972713	5130056	15.681	14.403

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

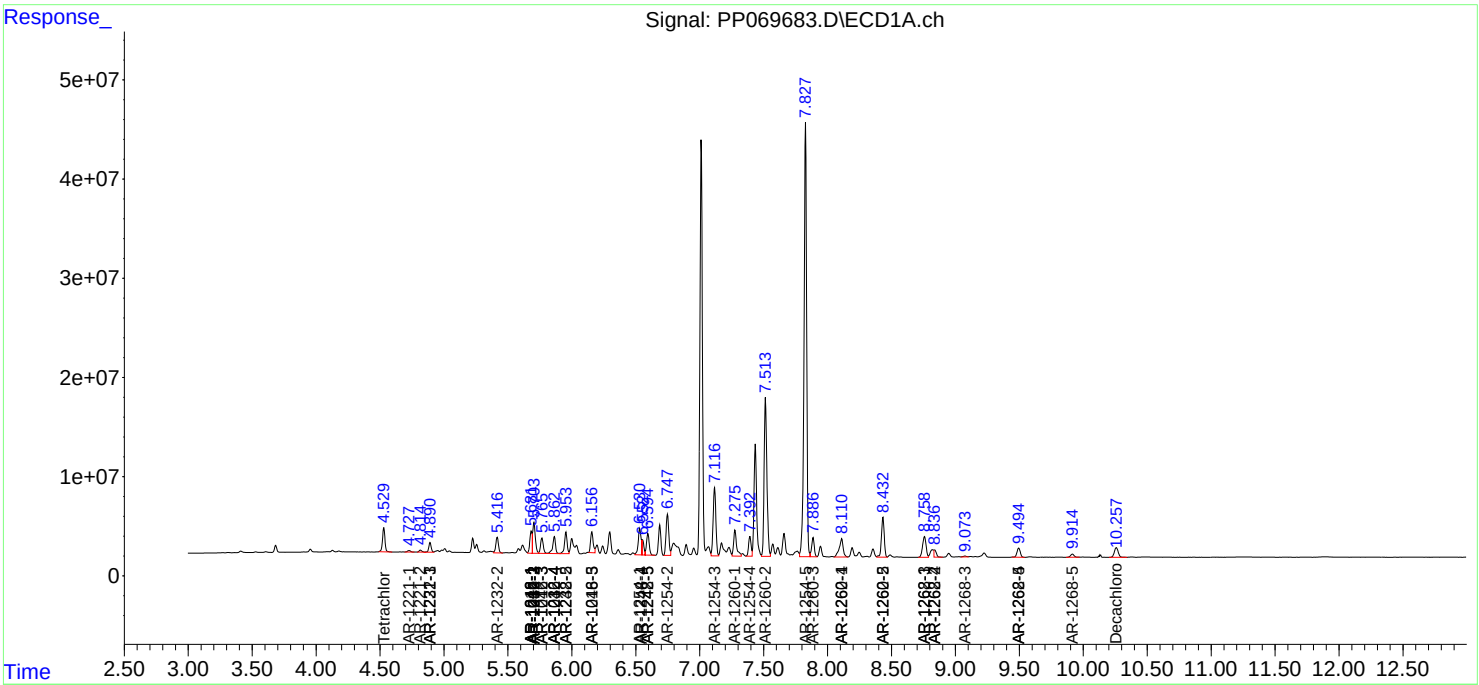
Quantitation Report (Not Reviewed)

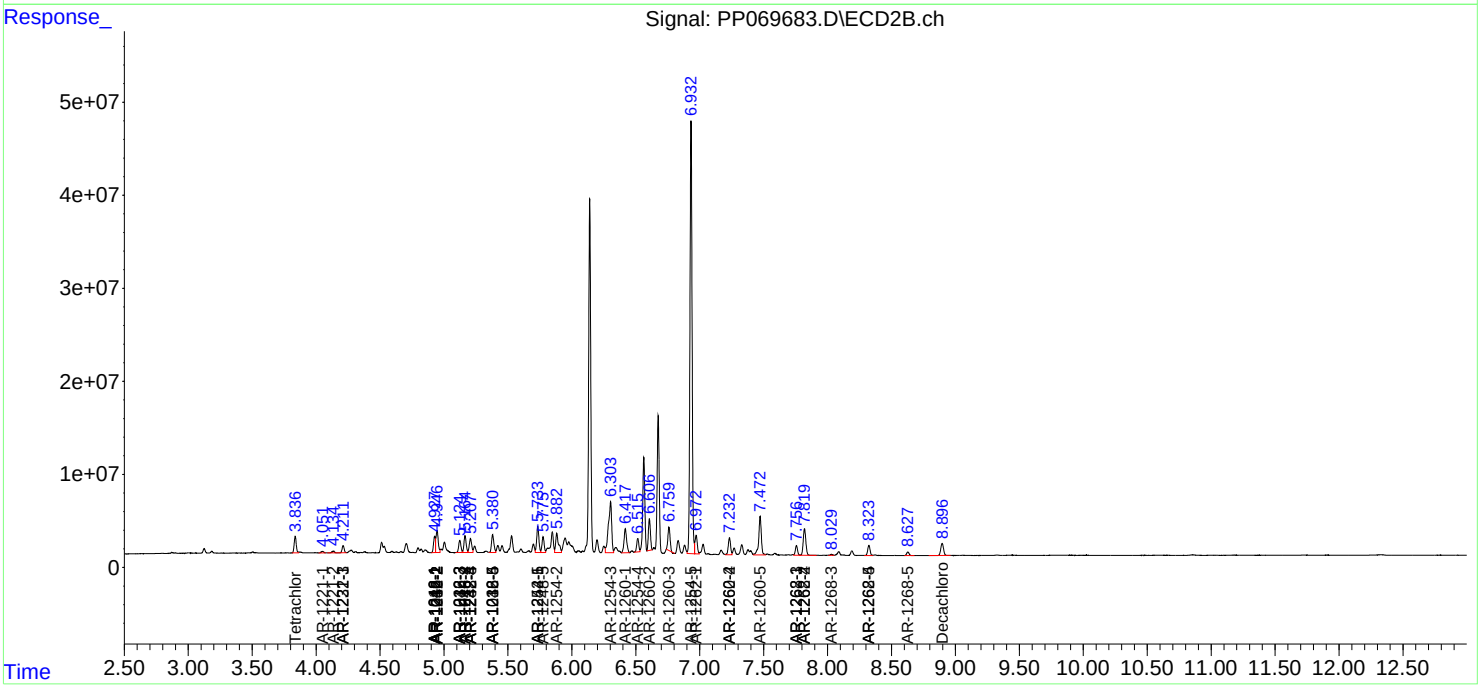
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021225\
Data File : PP069683.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Feb 2025 15:22
Operator : YP\AJ
Sample : Q1356-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

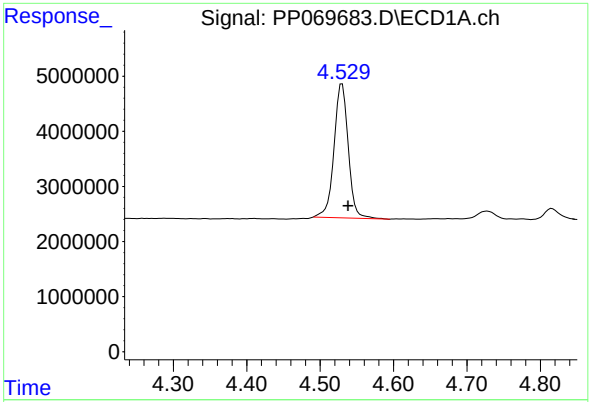
Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 12 22:26:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



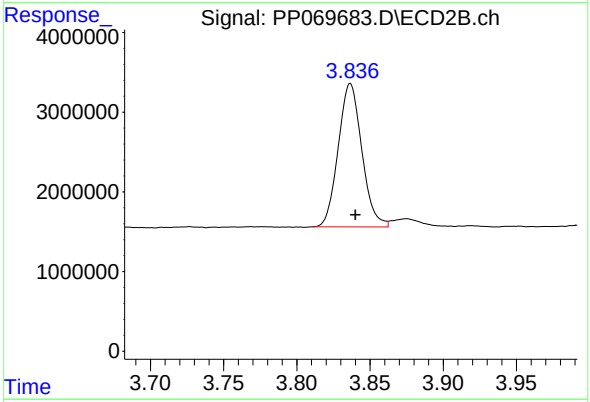




#1 Tetrachloro-m-xylene

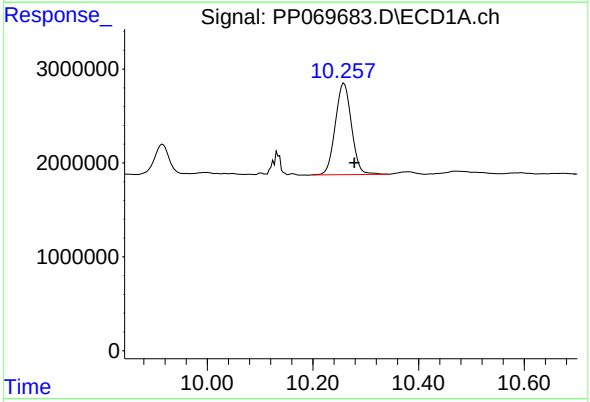
R.T.: 4.530 min
Delta R.T.: -0.008 min
Response: 32785521
Conc: 22.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMSD



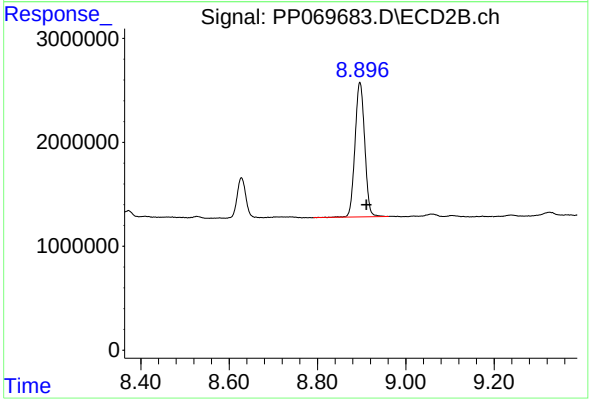
#1 Tetrachloro-m-xylene

R.T.: 3.837 min
Delta R.T.: -0.003 min
Response: 20199923
Conc: 22.63 ng/ml



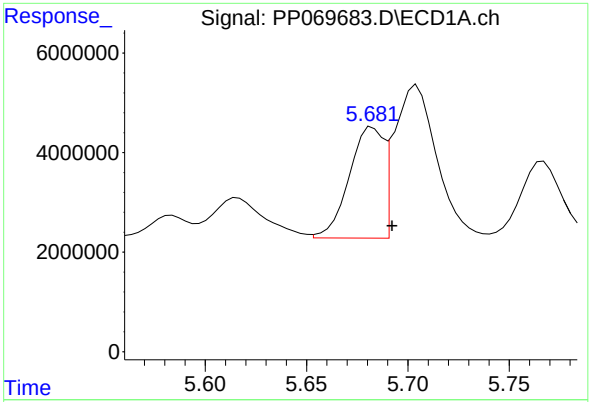
#2 Decachlorobiphenyl

R.T.: 10.259 min
Delta R.T.: -0.020 min
Response: 20657165
Conc: 18.90 ng/ml



#2 Decachlorobiphenyl

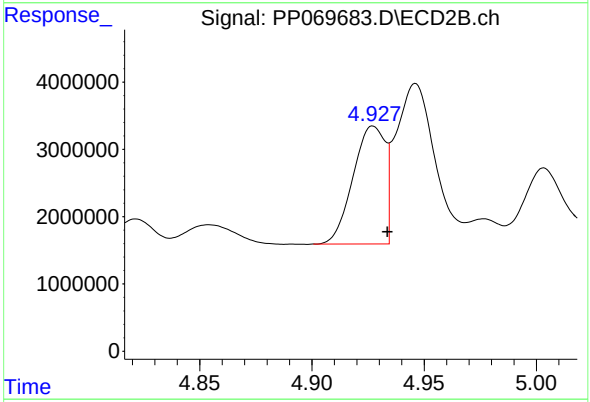
R.T.: 8.896 min
Delta R.T.: -0.015 min
Response: 19730849
Conc: 17.64 ng/ml



#3 AR-1016-1

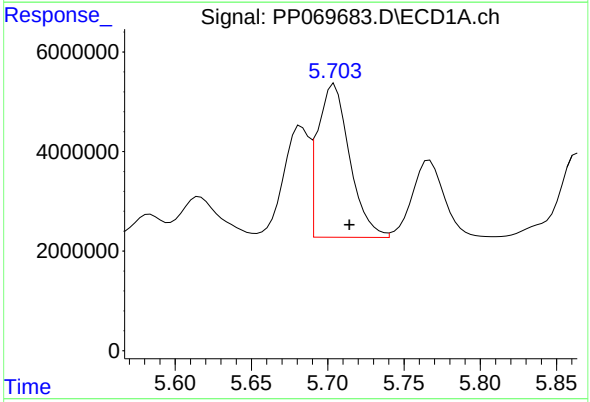
R.T.: 5.683 min
Delta R.T.: -0.009 min
Response: 26190415
Conc: 565.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMSD



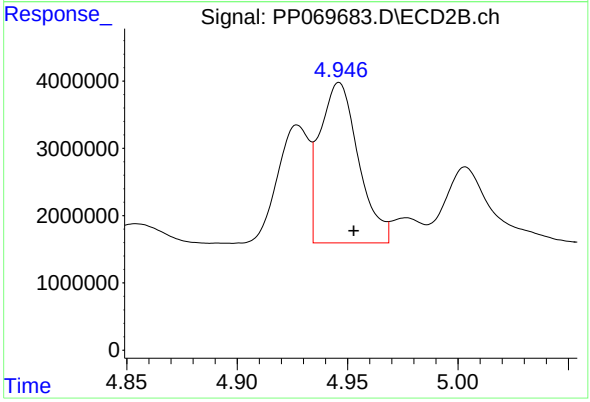
#3 AR-1016-1

R.T.: 4.927 min
Delta R.T.: -0.006 min
Response: 17415015
Conc: 533.96 ng/ml



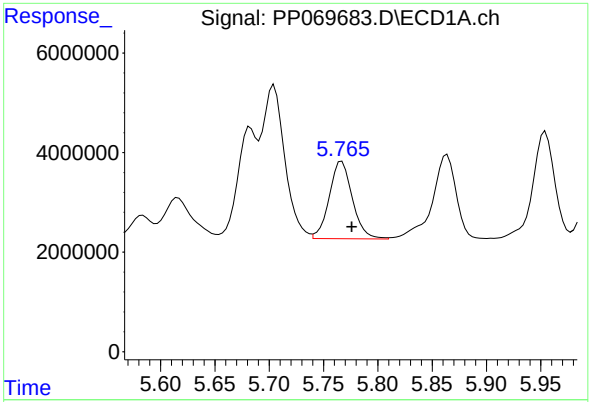
#4 AR-1016-2

R.T.: 5.704 min
Delta R.T.: -0.010 min
Response: 44935606
Conc: 662.01 ng/ml



#4 AR-1016-2

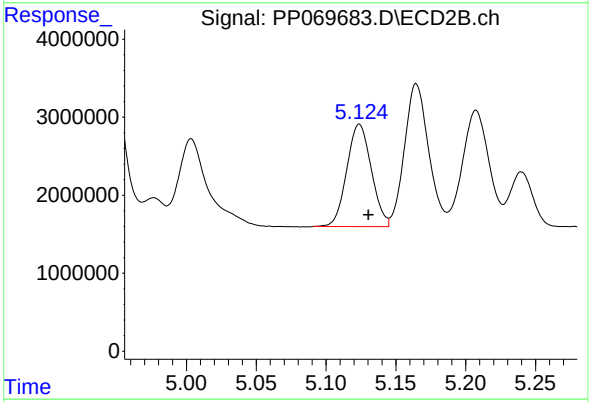
R.T.: 4.946 min
Delta R.T.: -0.007 min
Response: 28946324
Conc: 643.85 ng/ml



#5 AR-1016-3

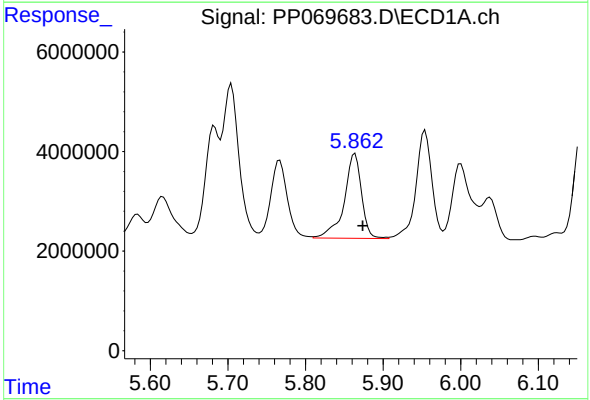
R.T.: 5.767 min
Delta R.T.: -0.009 min
Response: 22996404
Conc: 539.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMSD



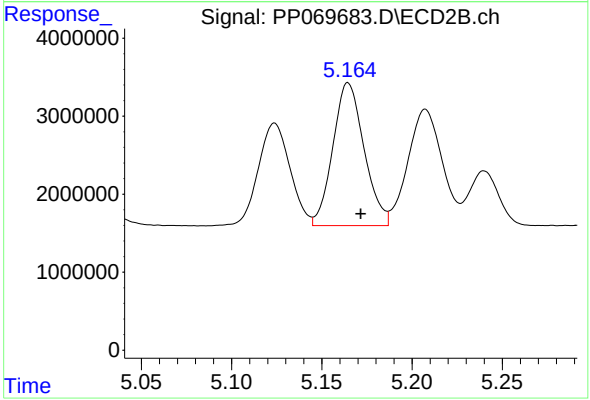
#5 AR-1016-3

R.T.: 5.124 min
Delta R.T.: -0.006 min
Response: 16049359
Conc: 644.97 ng/ml



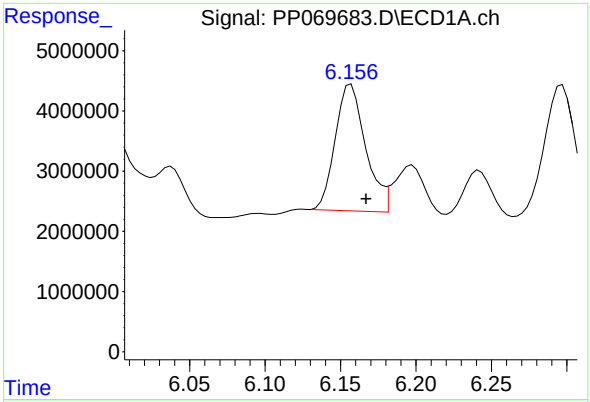
#6 AR-1016-4

R.T.: 5.864 min
Delta R.T.: -0.010 min
Response: 26449671
Conc: 755.69 ng/ml



#6 AR-1016-4

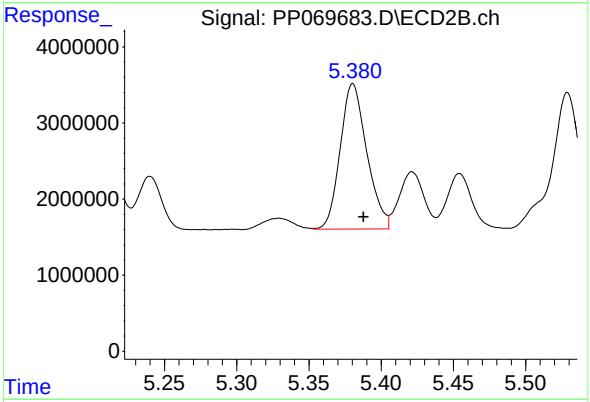
R.T.: 5.165 min
Delta R.T.: -0.007 min
Response: 22074764
Conc: 1093.01 ng/ml



#7 AR-1016-5

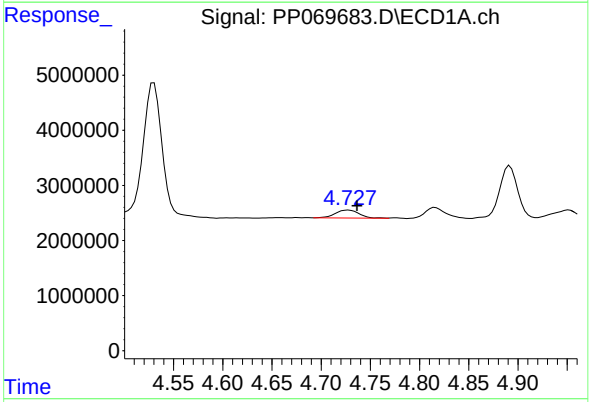
R.T.: 6.157 min
Delta R.T.: -0.010 min
Response: 29453750
Conc: 890.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMSD



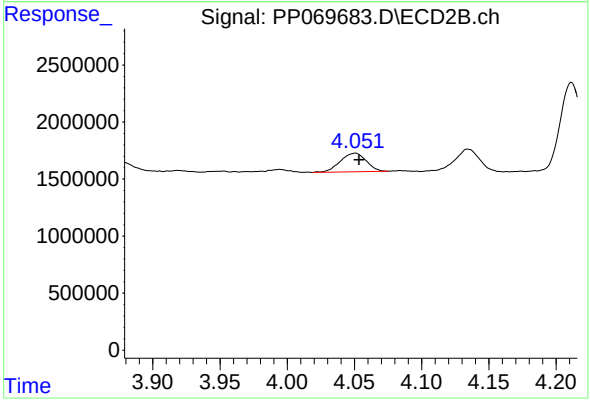
#7 AR-1016-5

R.T.: 5.380 min
Delta R.T.: -0.007 min
Response: 24493402
Conc: 913.12 ng/ml



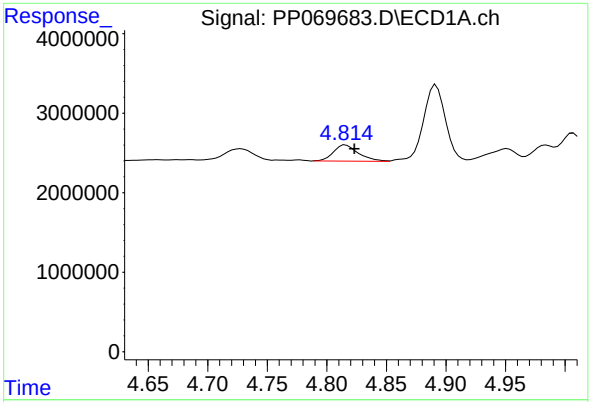
#8 AR-1221-1

R.T.: 4.728 min
Delta R.T.: -0.009 min
Response: 2431707
Conc: 127.85 ng/ml



#8 AR-1221-1

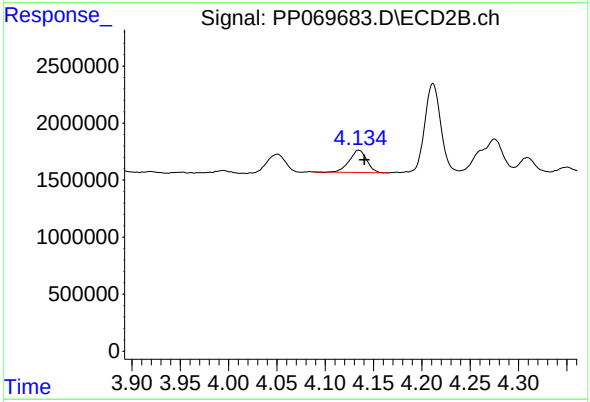
R.T.: 4.051 min
Delta R.T.: -0.003 min
Response: 2187179
Conc: 177.56 ng/ml



#9 AR-1221-2

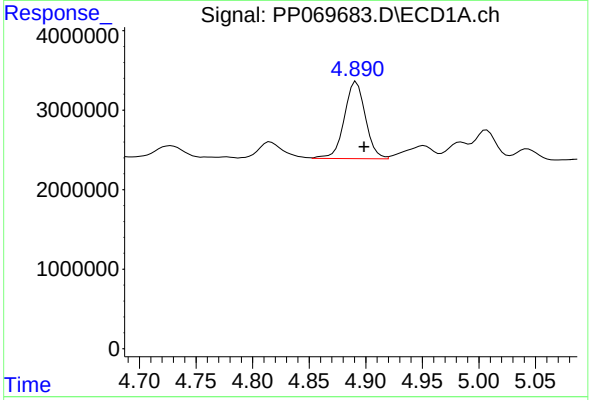
R.T.: 4.816 min
Delta R.T.: -0.007 min
Response: 2953626
Conc: 215.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMSD



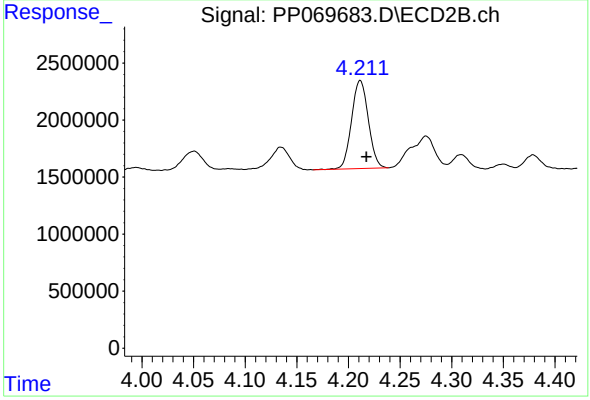
#9 AR-1221-2

R.T.: 4.135 min
Delta R.T.: -0.006 min
Response: 2451402
Conc: 253.16 ng/ml



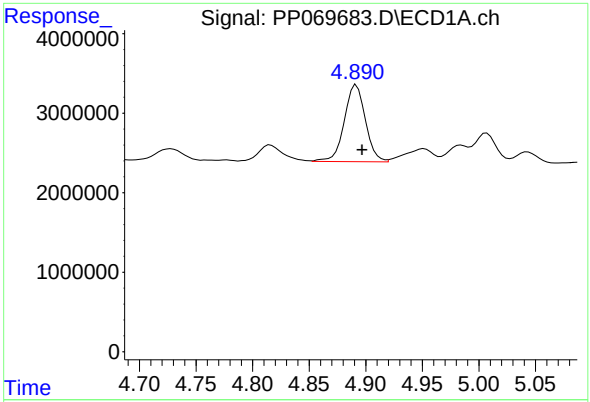
#10 AR-1221-3

R.T.: 4.892 min
Delta R.T.: -0.007 min
Response: 12543199
Conc: 299.05 ng/ml



#10 AR-1221-3

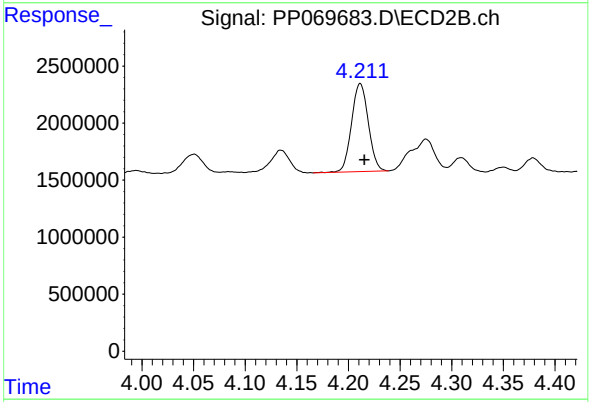
R.T.: 4.211 min
Delta R.T.: -0.006 min
Response: 8723077
Conc: 299.00 ng/ml



#11 AR-1232-1

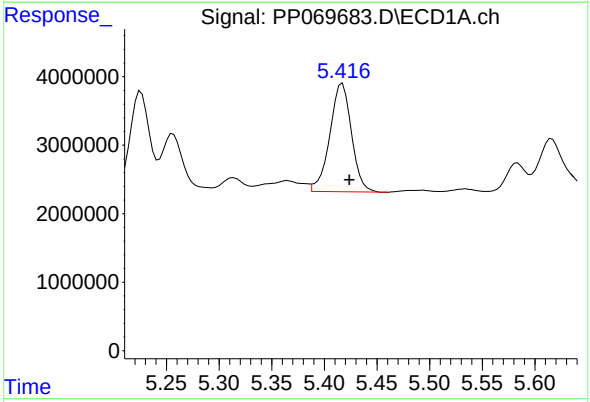
R.T.: 4.892 min
Delta R.T.: -0.005 min
Response: 12543199
Conc: 376.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMSD



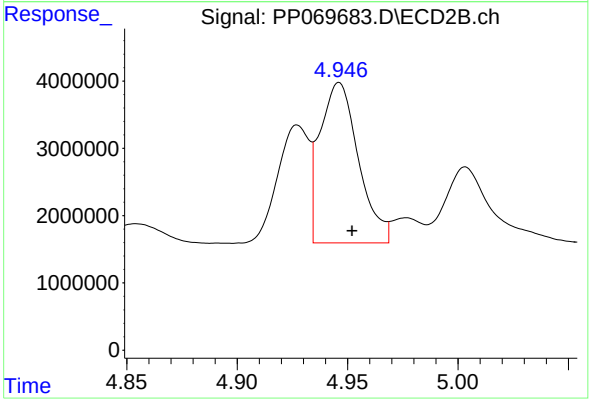
#11 AR-1232-1

R.T.: 4.211 min
Delta R.T.: -0.004 min
Response: 8723077
Conc: 371.52 ng/ml



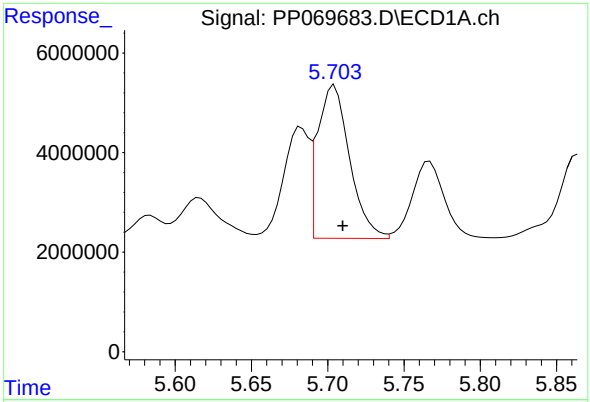
#12 AR-1232-2

R.T.: 5.417 min
Delta R.T.: -0.007 min
Response: 22662810
Conc: 1386.78 ng/ml



#12 AR-1232-2

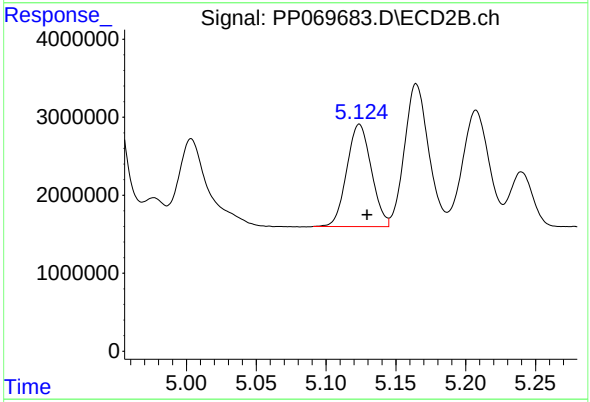
R.T.: 4.946 min
Delta R.T.: -0.006 min
Response: 28946324
Conc: 1228.01 ng/ml



#13 AR-1232-3

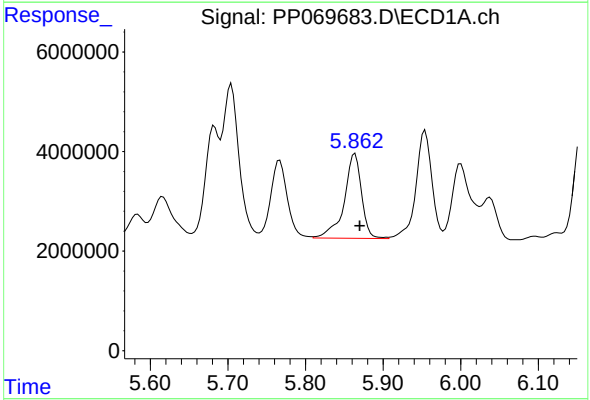
R.T.: 5.704 min
Delta R.T.: -0.005 min
Response: 44935606
Conc: 1307.83 ng/m

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMSD



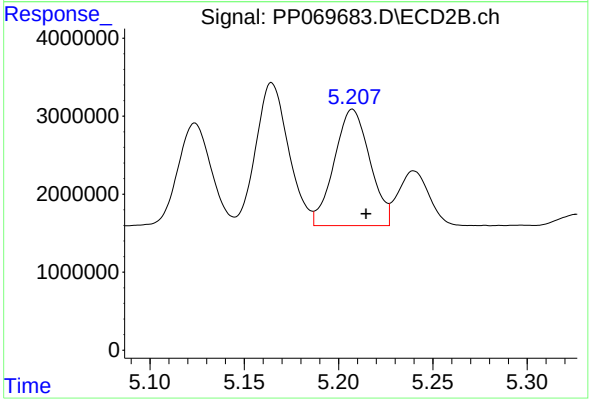
#13 AR-1232-3

R.T.: 5.124 min
Delta R.T.: -0.005 min
Response: 16049359
Conc: 1239.60 ng/ml



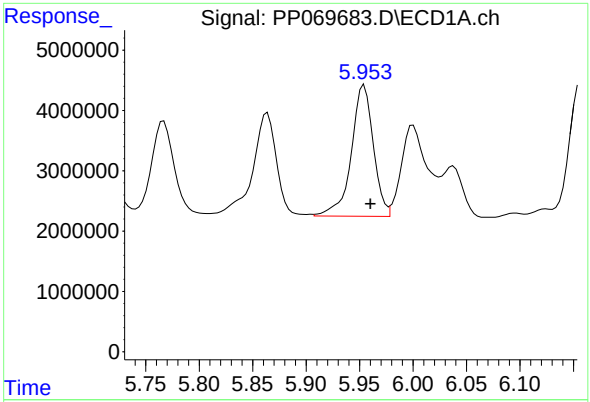
#14 AR-1232-4

R.T.: 5.864 min
Delta R.T.: -0.006 min
Response: 26449671
Conc: 1484.59 ng/ml



#14 AR-1232-4

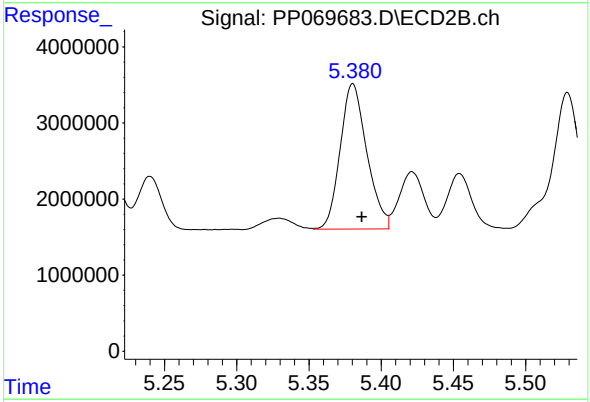
R.T.: 5.207 min
Delta R.T.: -0.007 min
Response: 19659503
Conc: 1773.31 ng/ml



#15 AR-1232-5

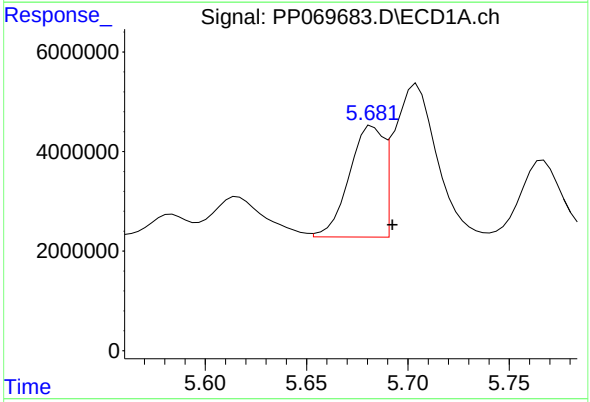
R.T.: 5.954 min
Delta R.T.: -0.006 min
Response: 31188201
Conc: 2720.91 ng/m

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMSD



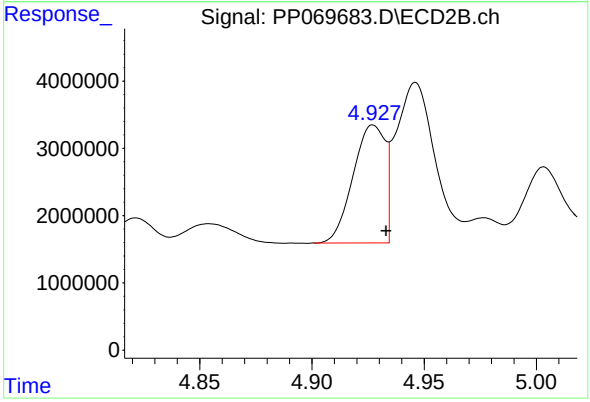
#15 AR-1232-5

R.T.: 5.380 min
Delta R.T.: -0.006 min
Response: 24493402
Conc: 2005.96 ng/ml



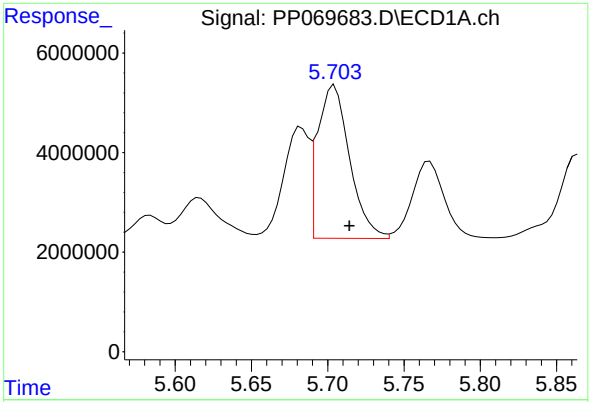
#16 AR-1242-1

R.T.: 5.683 min
Delta R.T.: -0.010 min
Response: 26190415
Conc: 627.99 ng/ml



#16 AR-1242-1

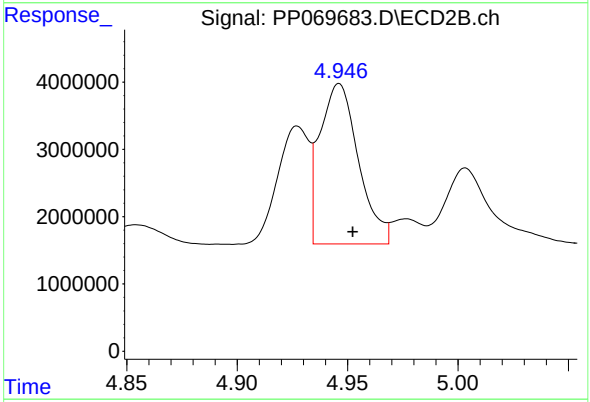
R.T.: 4.927 min
Delta R.T.: -0.006 min
Response: 17415015
Conc: 604.02 ng/ml



#17 AR-1242-2

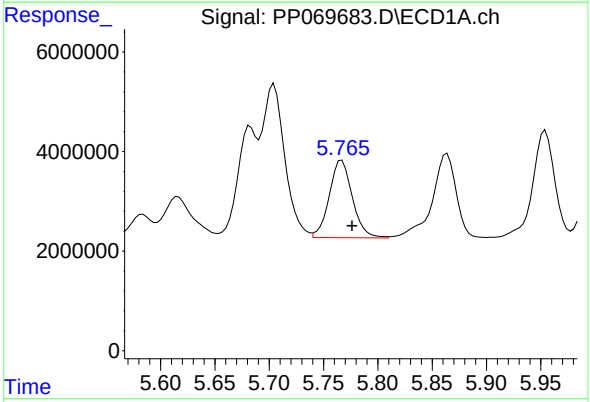
R.T.: 5.704 min
Delta R.T.: -0.010 min
Response: 44935606
Conc: 761.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMSD



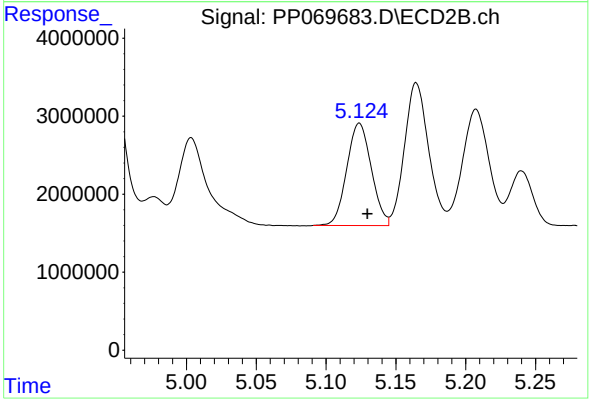
#17 AR-1242-2

R.T.: 4.946 min
Delta R.T.: -0.006 min
Response: 28946324
Conc: 734.72 ng/ml



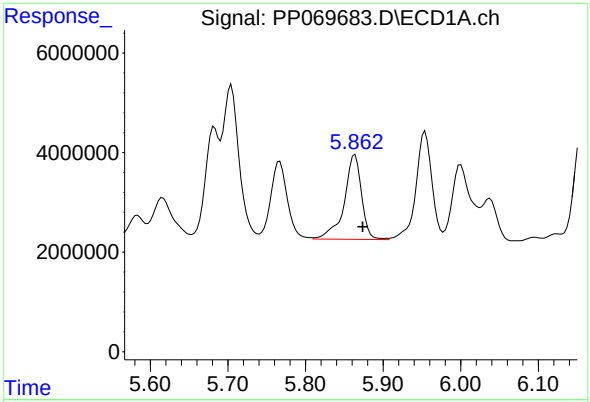
#18 AR-1242-3

R.T.: 5.767 min
Delta R.T.: -0.010 min
Response: 22996404
Conc: 619.87 ng/ml



#18 AR-1242-3

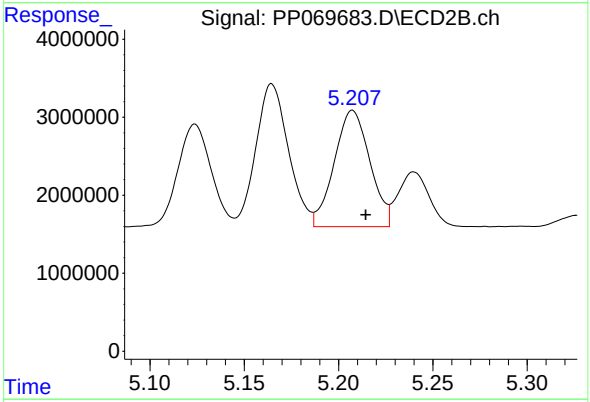
R.T.: 5.124 min
Delta R.T.: -0.006 min
Response: 16049359
Conc: 713.18 ng/ml



#19 AR-1242-4

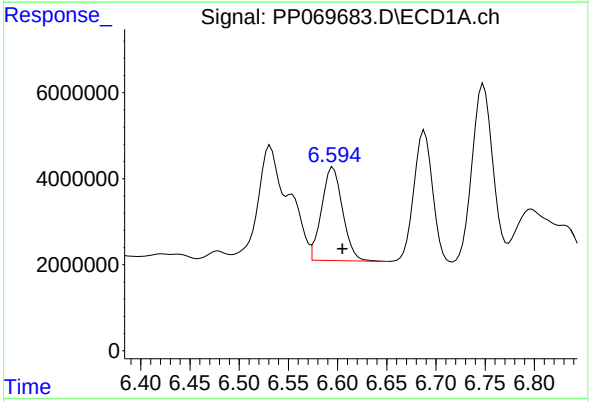
R.T.: 5.864 min
Delta R.T.: -0.010 min
Response: 26449671
Conc: 806.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMSD



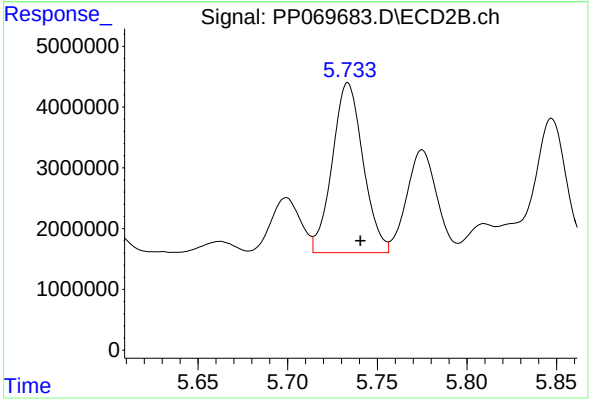
#19 AR-1242-4

R.T.: 5.207 min
Delta R.T.: -0.007 min
Response: 19659503
Conc: 910.91 ng/ml



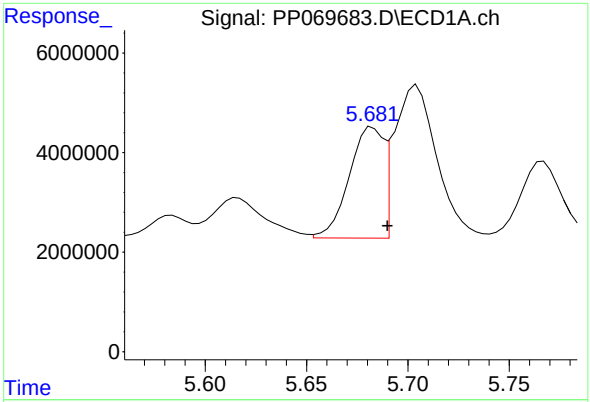
#20 AR-1242-5

R.T.: 6.596 min
Delta R.T.: -0.009 min
Response: 32369244
Conc: 993.40 ng/ml



#20 AR-1242-5

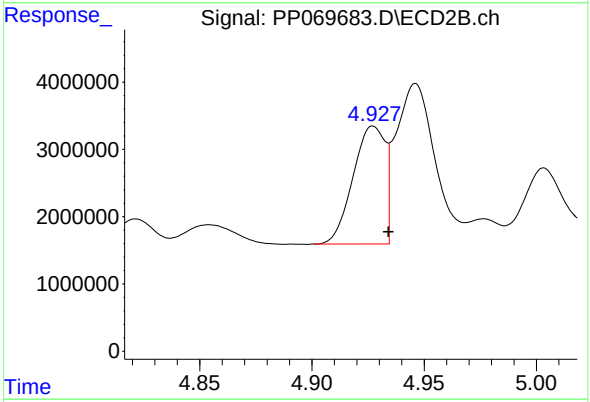
R.T.: 5.734 min
Delta R.T.: -0.007 min
Response: 33424631
Conc: 1161.85 ng/ml



#21 AR-1248-1

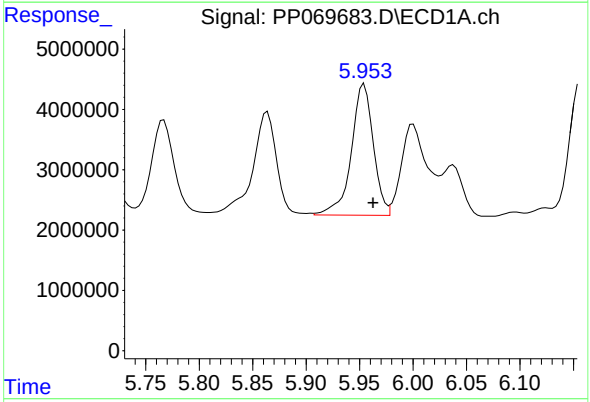
R.T.: 5.683 min
Delta R.T.: -0.007 min
Response: 26190415
Conc: 807.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMSD



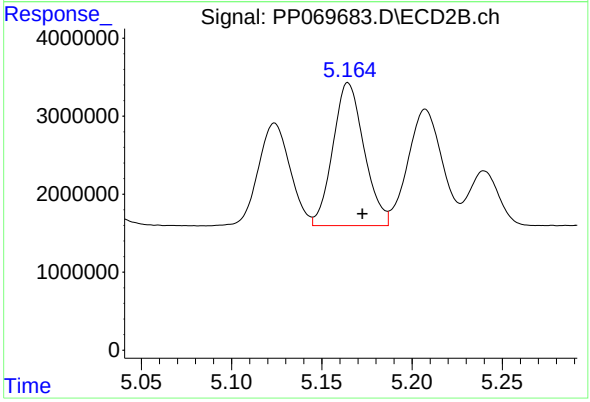
#21 AR-1248-1

R.T.: 4.927 min
Delta R.T.: -0.007 min
Response: 17415015
Conc: 791.21 ng/ml



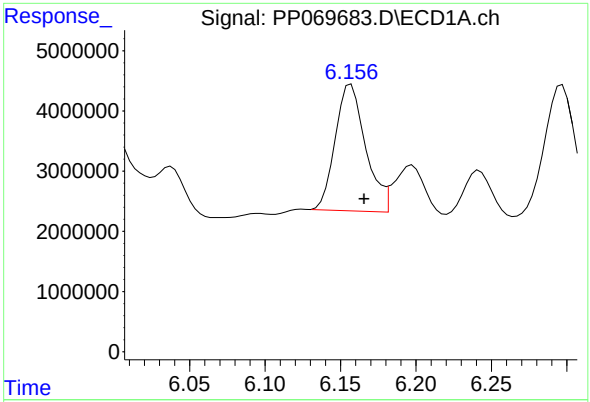
#22 AR-1248-2

R.T.: 5.954 min
Delta R.T.: -0.008 min
Response: 31188201
Conc: 734.77 ng/ml



#22 AR-1248-2

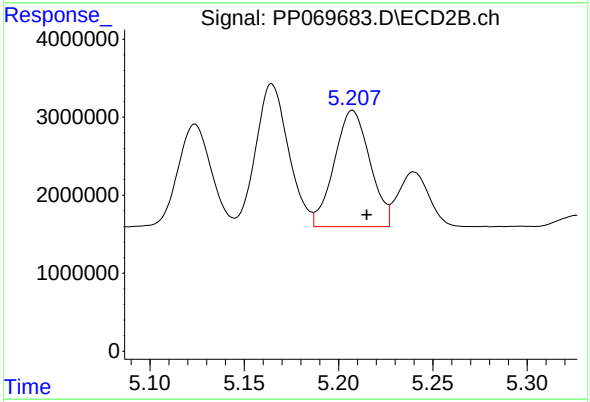
R.T.: 5.165 min
Delta R.T.: -0.008 min
Response: 22074764
Conc: 734.24 ng/ml



#23 AR-1248-3

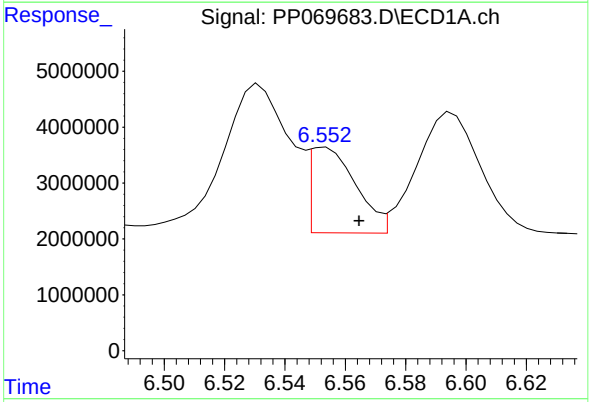
R.T.: 6.157 min
Delta R.T.: -0.009 min
Response: 29453750
Conc: 626.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMSD



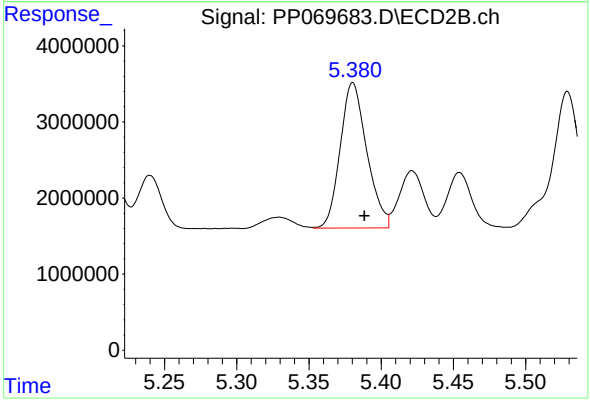
#23 AR-1248-3

R.T.: 5.207 min
Delta R.T.: -0.008 min
Response: 19659503
Conc: 634.50 ng/ml



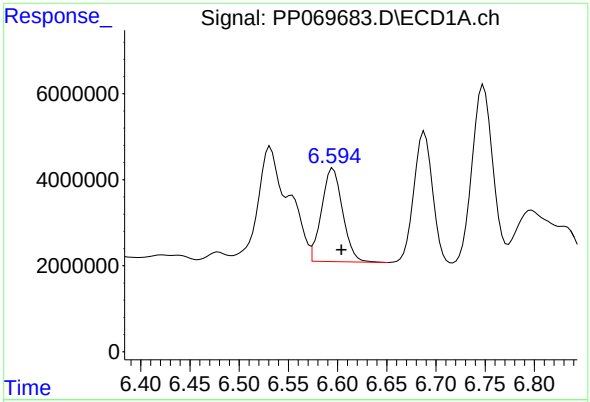
#24 AR-1248-4

R.T.: 6.553 min
Delta R.T.: -0.011 min
Response: 16102664
Conc: 292.13 ng/ml



#24 AR-1248-4

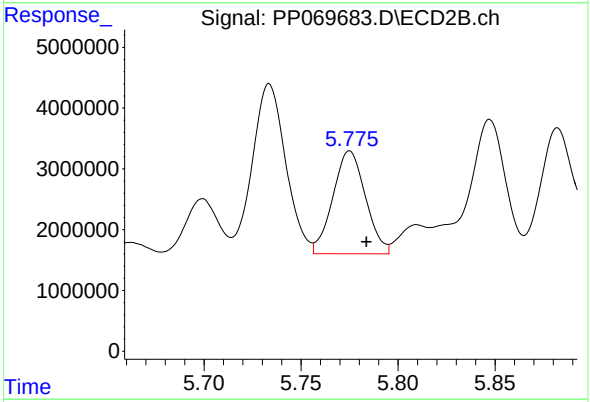
R.T.: 5.380 min
Delta R.T.: -0.008 min
Response: 24493402
Conc: 662.99 ng/ml



#25 AR-1248-5

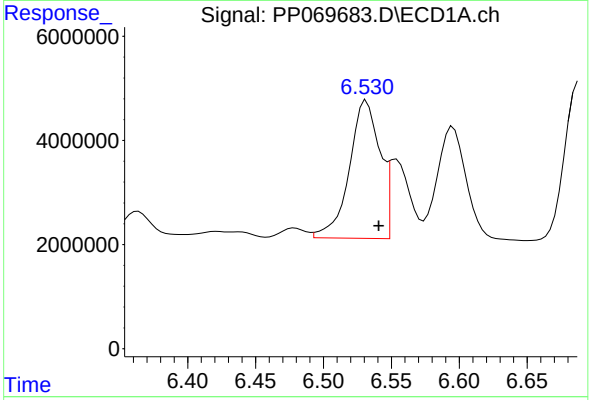
R.T.: 6.596 min
Delta R.T.: -0.008 min
Response: 32369244
Conc: 606.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMSD



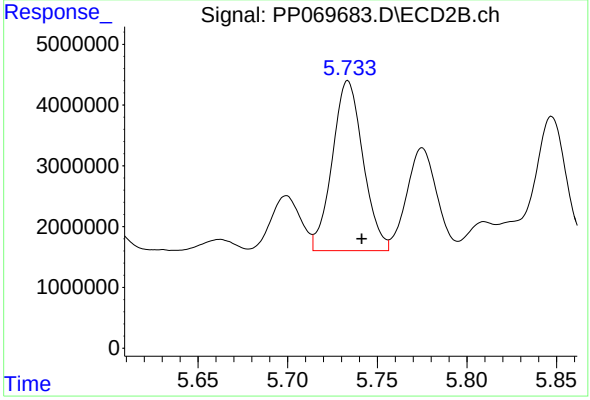
#25 AR-1248-5

R.T.: 5.775 min
Delta R.T.: -0.009 min
Response: 19845382
Conc: 530.78 ng/ml



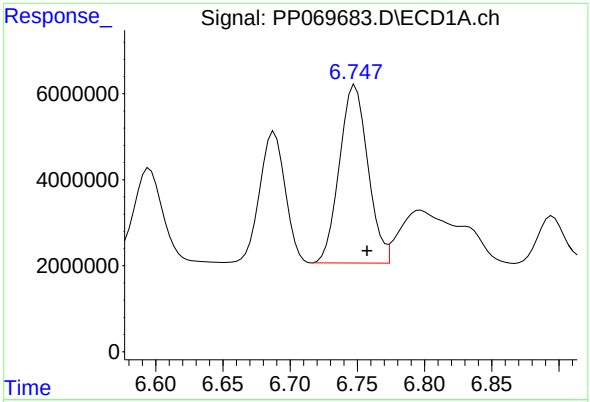
#26 AR-1254-1

R.T.: 6.532 min
Delta R.T.: -0.009 min
Response: 41519743
Conc: 717.54 ng/ml



#26 AR-1254-1

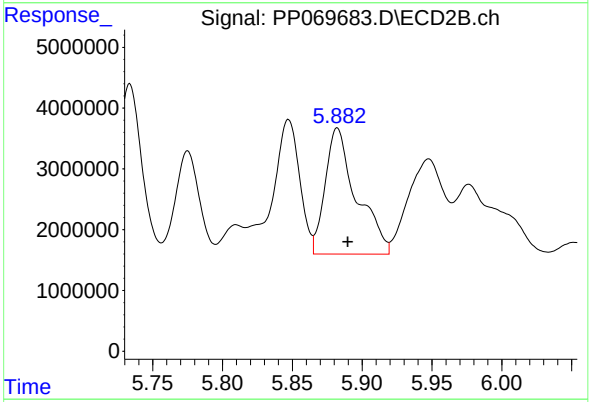
R.T.: 5.734 min
Delta R.T.: -0.008 min
Response: 33424631
Conc: 607.10 ng/ml



#27 AR-1254-2

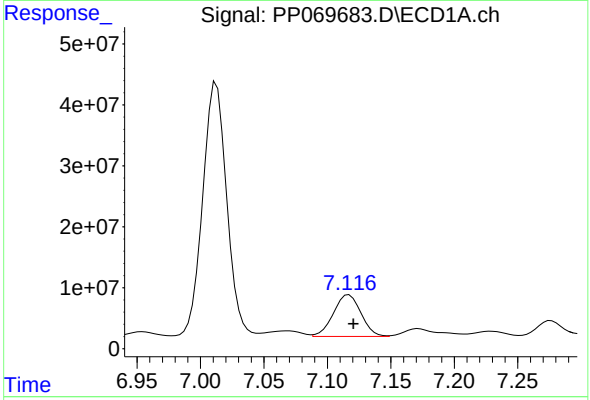
R.T.: 6.748 min
Delta R.T.: -0.009 min
Response: 60816592
Conc: 757.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMSD



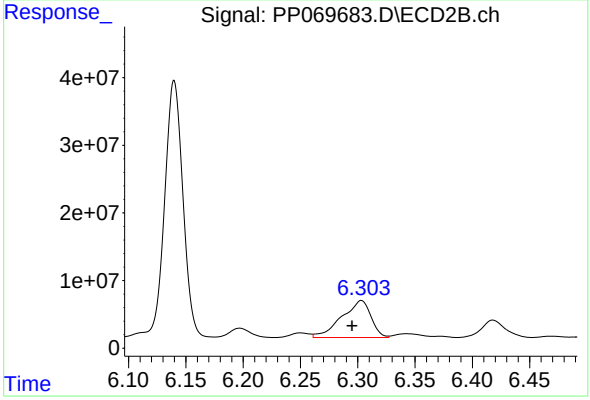
#27 AR-1254-2

R.T.: 5.882 min
Delta R.T.: -0.007 min
Response: 32412125
Conc: 670.10 ng/ml



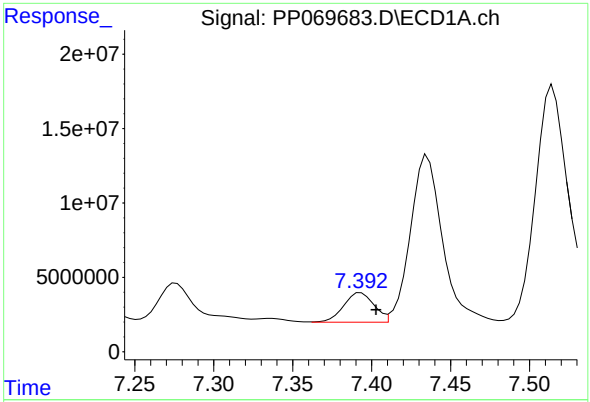
#28 AR-1254-3

R.T.: 7.117 min
Delta R.T.: -0.003 min
Response: 103370972
Conc: 1226.40 ng/ml



#28 AR-1254-3

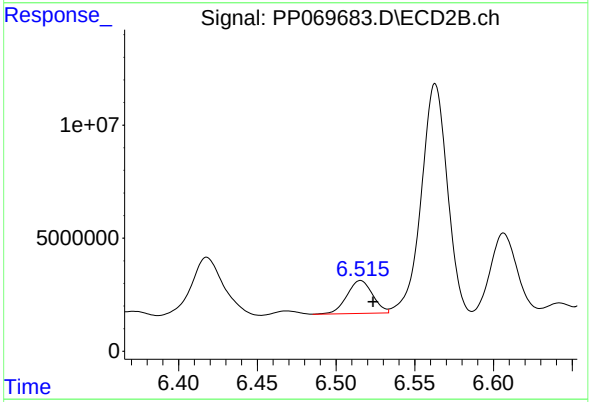
R.T.: 6.303 min
Delta R.T.: 0.008 min
Response: 96832691
Conc: 1275.86 ng/ml



#29 AR-1254-4

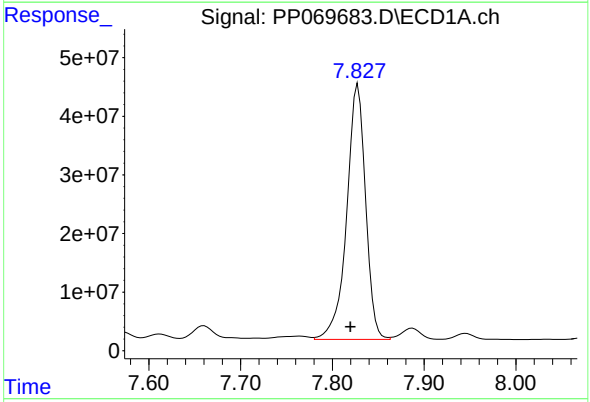
R.T.: 7.393 min
Delta R.T.: -0.010 min
Response: 26606508
Conc: 390.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMSD



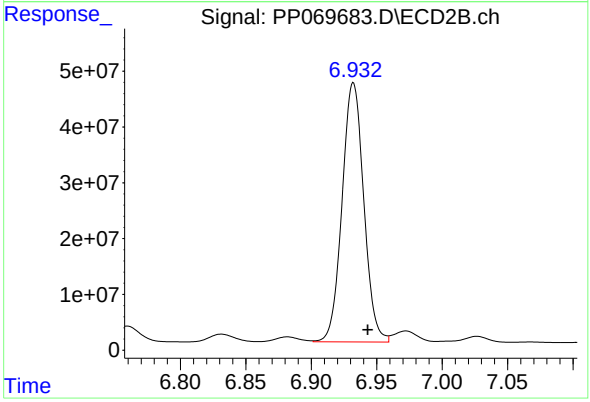
#29 AR-1254-4

R.T.: 6.516 min
Delta R.T.: -0.008 min
Response: 16604673
Conc: 324.00 ng/ml



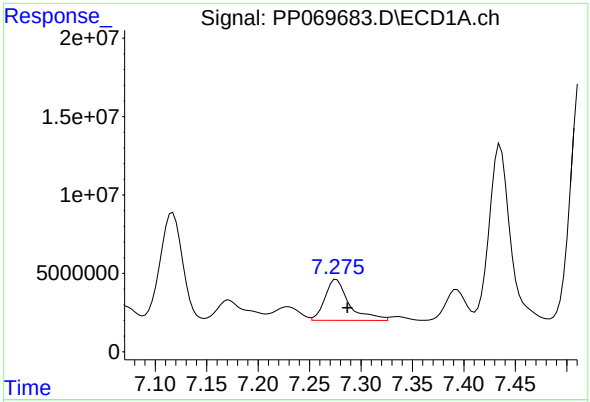
#30 AR-1254-5

R.T.: 7.828 min
Delta R.T.: 0.008 min
Response: 622791881
Conc: 9152.49 ng/ml



#30 AR-1254-5

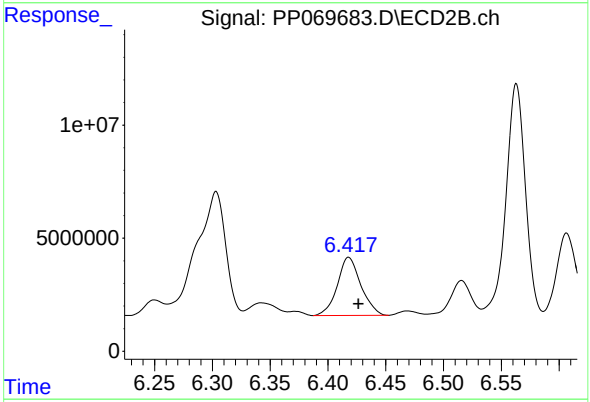
R.T.: 6.932 min
Delta R.T.: -0.011 min
Response: 536280426
Conc: 8057.04 ng/ml



#31 AR-1260-1

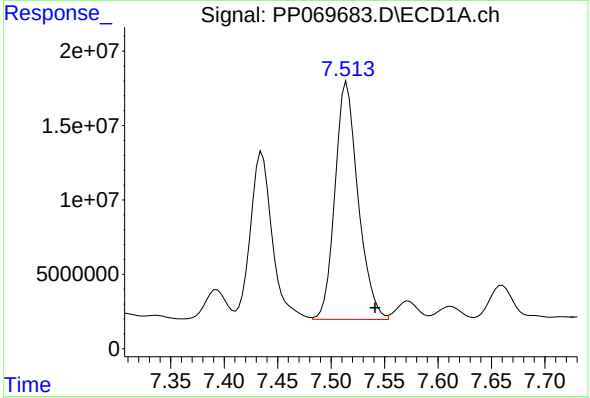
R.T.: 7.276 min
Delta R.T.: -0.011 min
Response: 42857182
Conc: 733.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMSD



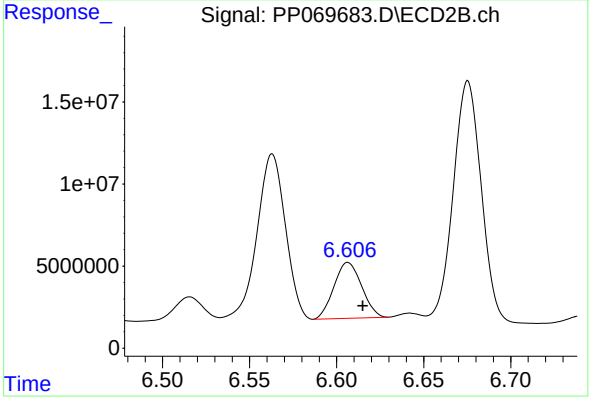
#31 AR-1260-1

R.T.: 6.418 min
Delta R.T.: -0.009 min
Response: 36427233
Conc: 755.29 ng/ml



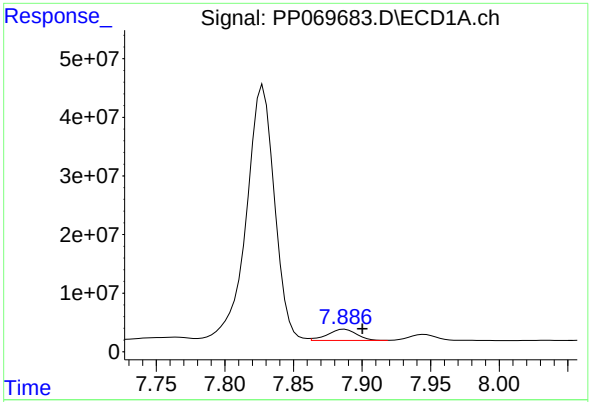
#32 AR-1260-2

R.T.: 7.515 min
Delta R.T.: -0.027 min
Response: 239705443
Conc: 3080.54 ng/ml



#32 AR-1260-2

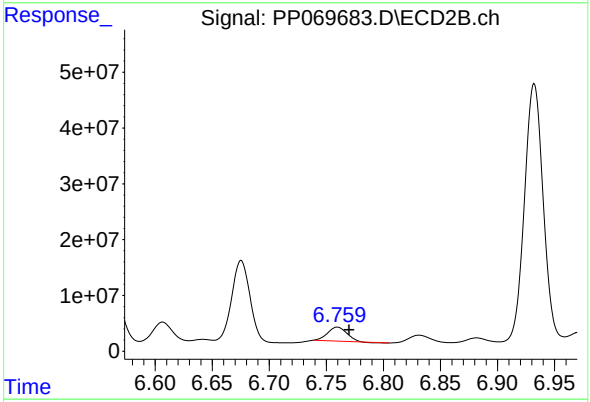
R.T.: 6.607 min
Delta R.T.: -0.008 min
Response: 37652625
Conc: 614.20 ng/ml



#33 AR-1260-3

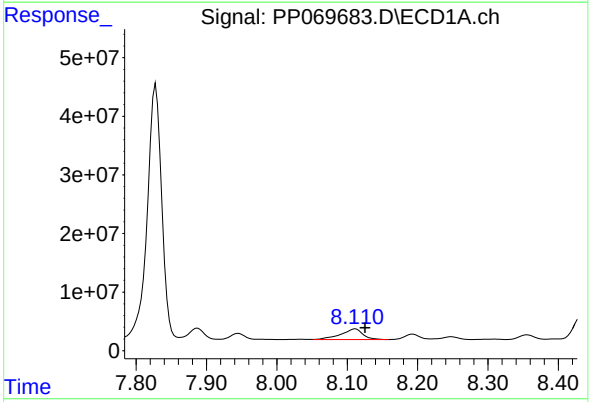
R.T.: 7.887 min
Delta R.T.: -0.013 min
Response: 28346620
Conc: 453.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMSD



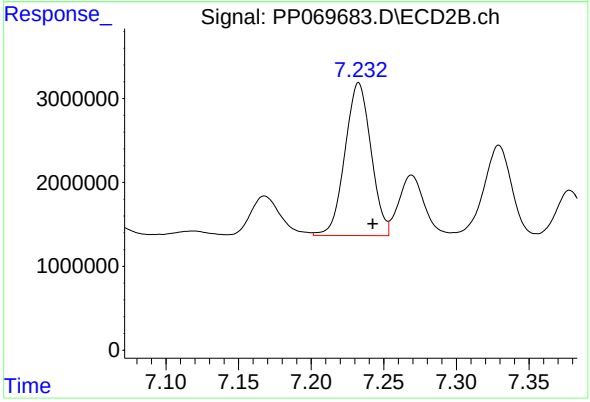
#33 AR-1260-3

R.T.: 6.760 min
Delta R.T.: -0.010 min
Response: 29249158
Conc: 486.22 ng/ml



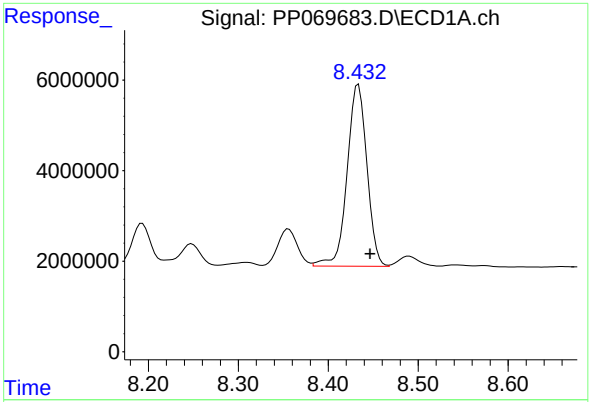
#34 AR-1260-4

R.T.: 8.112 min
Delta R.T.: -0.014 min
Response: 39502241
Conc: 598.73 ng/ml



#34 AR-1260-4

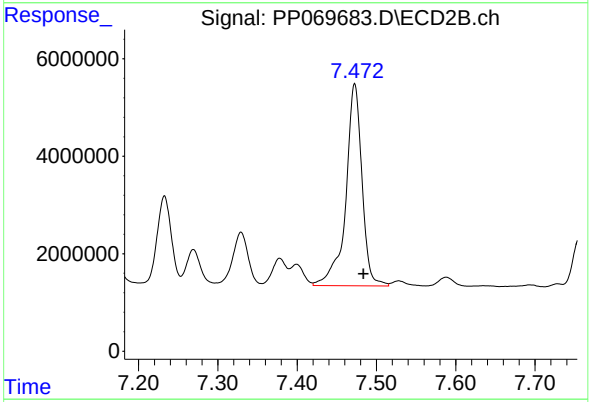
R.T.: 7.233 min
Delta R.T.: -0.010 min
Response: 22762322
Conc: 489.85 ng/ml



#35 AR-1260-5

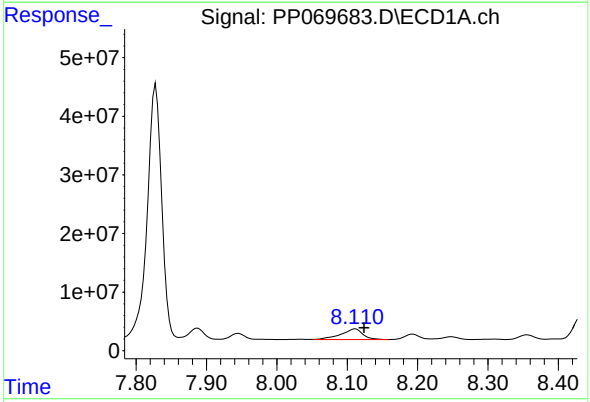
R.T.: 8.434 min
Delta R.T.: -0.013 min
Response: 61441759
Conc: 469.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMSD



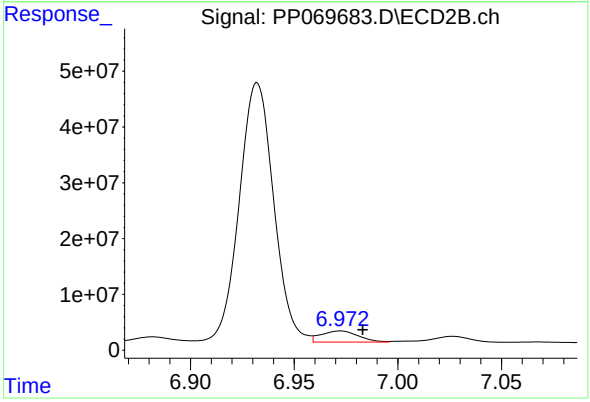
#35 AR-1260-5

R.T.: 7.473 min
Delta R.T.: -0.011 min
Response: 58904368
Conc: 529.98 ng/ml



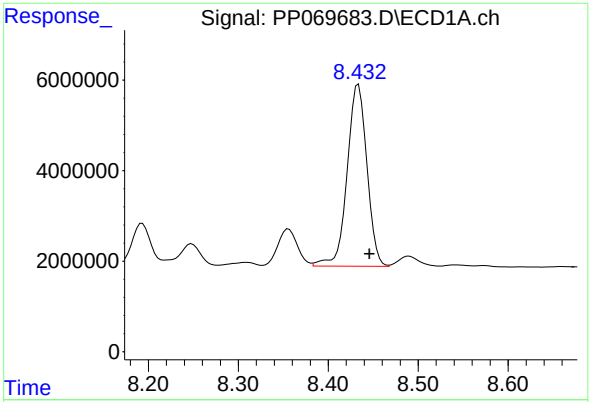
#36 AR-1262-1

R.T.: 8.112 min
Delta R.T.: -0.012 min
Response: 39502241
Conc: 499.91 ng/ml



#36 AR-1262-1

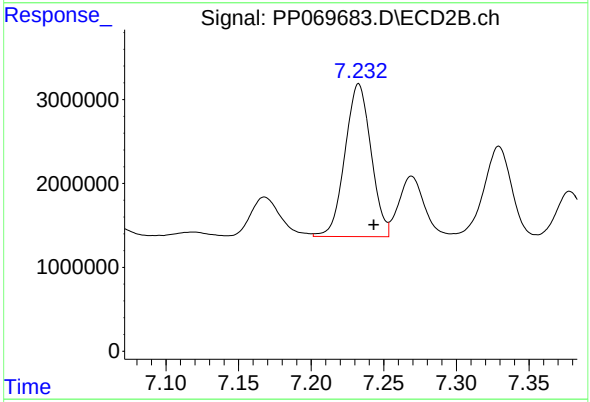
R.T.: 6.972 min
Delta R.T.: -0.011 min
Response: 25046663
Conc: 352.70 ng/ml



#37 AR-1262-2

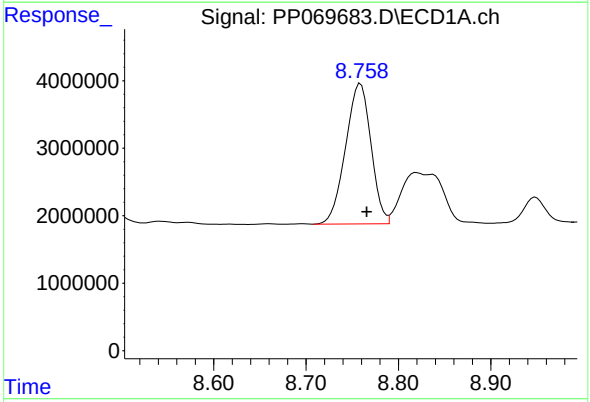
R.T.: 8.434 min
Delta R.T.: -0.012 min
Response: 61441759
Conc: 401.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMSD



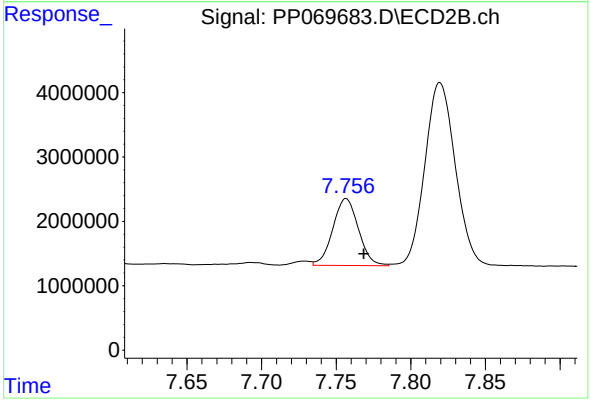
#37 AR-1262-2

R.T.: 7.233 min
Delta R.T.: -0.010 min
Response: 22762322
Conc: 373.28 ng/ml



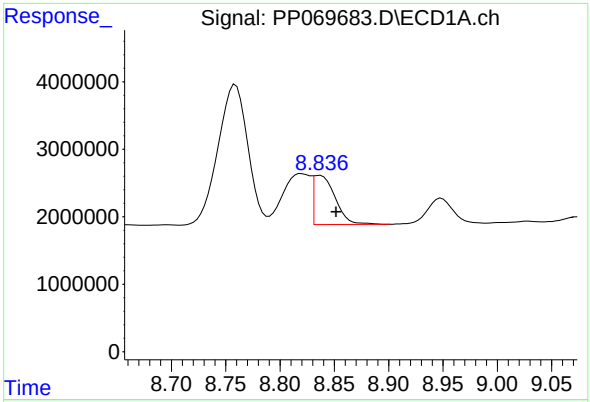
#38 AR-1262-3

R.T.: 8.759 min
Delta R.T.: -0.007 min
Response: 39751721
Conc: 374.03 ng/ml



#38 AR-1262-3

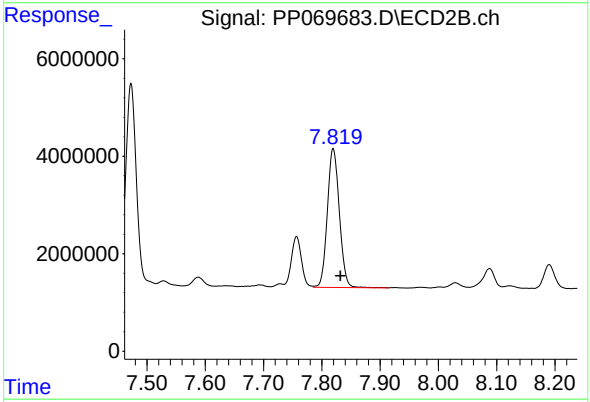
R.T.: 7.757 min
Delta R.T.: -0.012 min
Response: 12415034
Conc: 237.38 ng/ml



#39 AR-1262-4

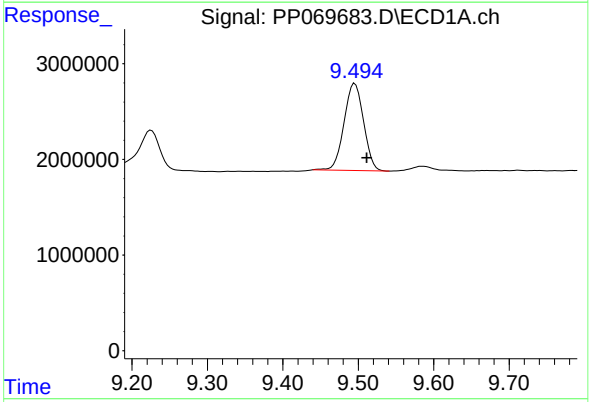
R.T.: 8.836 min
Delta R.T.: -0.015 min
Response: 10065750
Conc: 123.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMSD



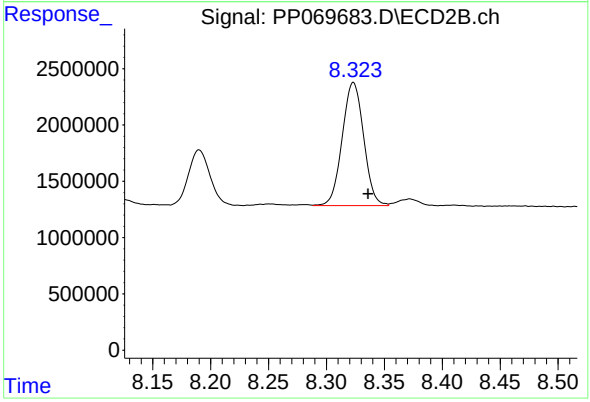
#39 AR-1262-4

R.T.: 7.820 min
Delta R.T.: -0.013 min
Response: 40779330
Conc: 441.16 ng/ml



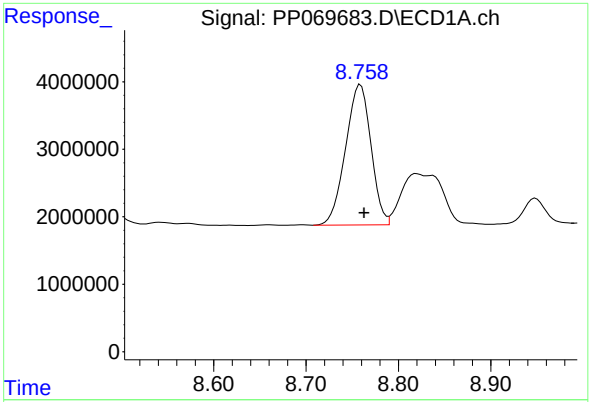
#40 AR-1262-5

R.T.: 9.495 min
Delta R.T.: -0.016 min
Response: 16364026
Conc: 289.07 ng/ml



#40 AR-1262-5

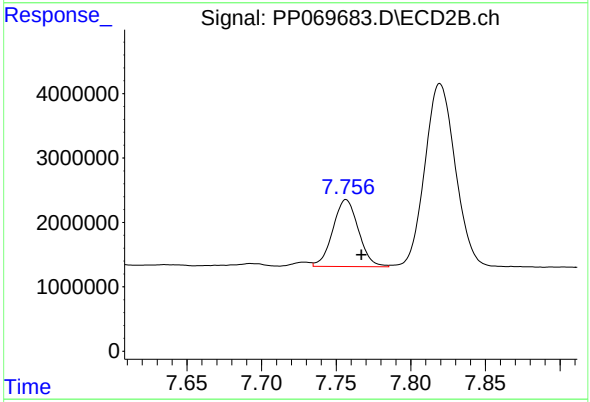
R.T.: 8.323 min
Delta R.T.: -0.013 min
Response: 14093096
Conc: 294.88 ng/ml



#41 AR-1268-1

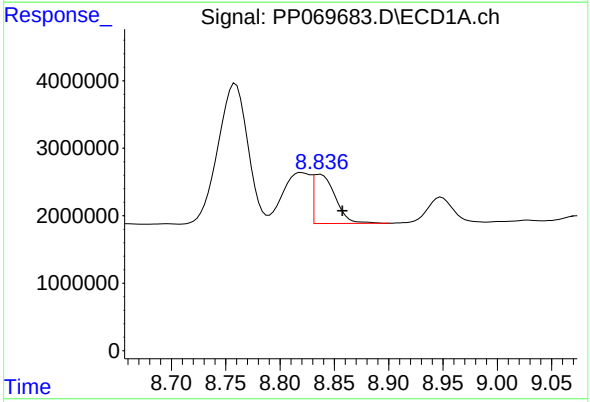
R.T.: 8.759 min
Delta R.T.: -0.004 min
Response: 39751721
Conc: 225.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMSD



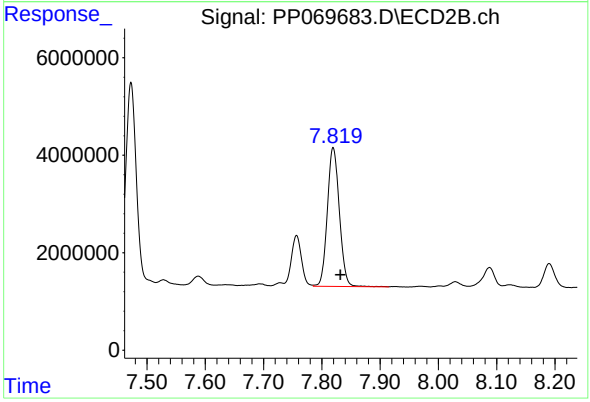
#41 AR-1268-1

R.T.: 7.757 min
Delta R.T.: -0.010 min
Response: 12415034
Conc: 85.55 ng/ml



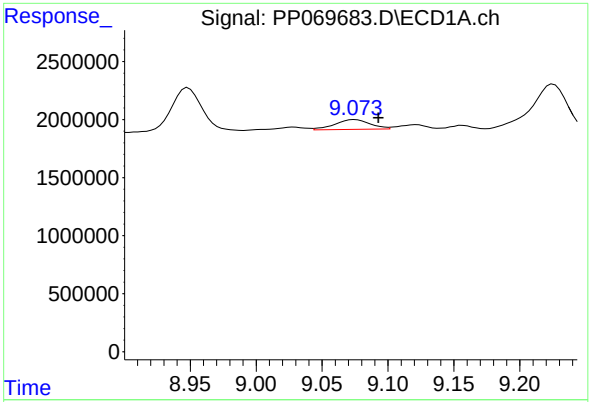
#42 AR-1268-2

R.T.: 8.836 min
Delta R.T.: -0.021 min
Response: 10065750
Conc: 63.96 ng/ml



#42 AR-1268-2

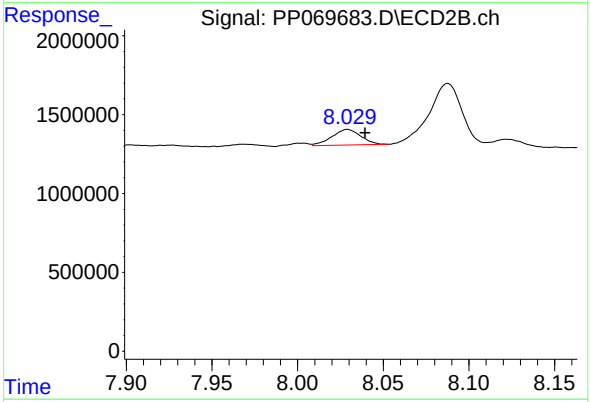
R.T.: 7.820 min
Delta R.T.: -0.012 min
Response: 40779330
Conc: 307.04 ng/ml



#43 AR-1268-3

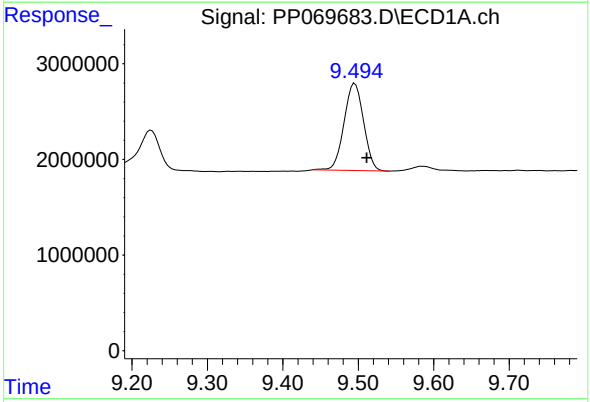
R.T.: 9.075 min
Delta R.T.: -0.018 min
Response: 1581890
Conc: 11.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMSD



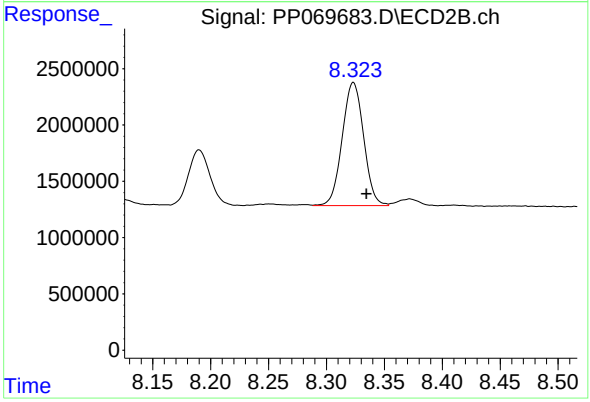
#43 AR-1268-3

R.T.: 8.029 min
Delta R.T.: -0.010 min
Response: 1168909
Conc: 10.28 ng/ml



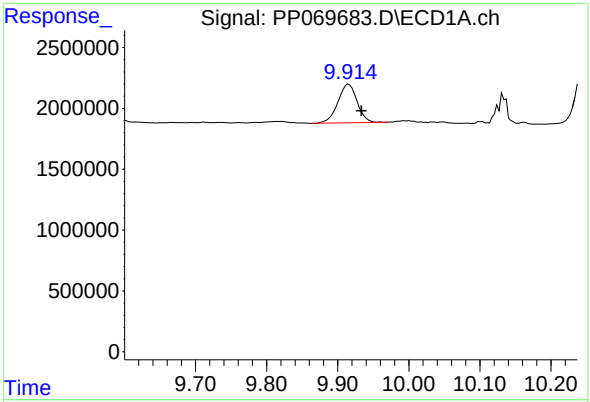
#44 AR-1268-4

R.T.: 9.495 min
Delta R.T.: -0.016 min
Response: 16364026
Conc: 278.68 ng/ml



#44 AR-1268-4

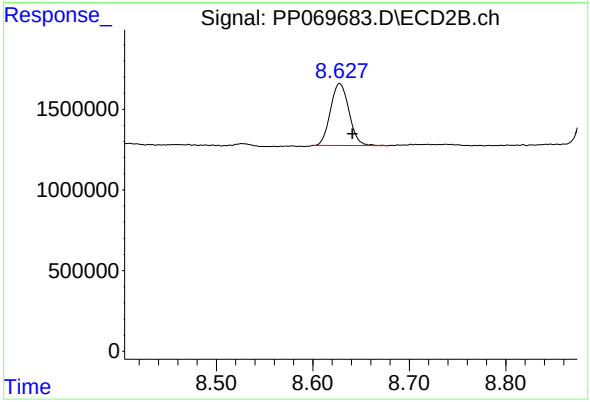
R.T.: 8.323 min
Delta R.T.: -0.011 min
Response: 14093096
Conc: 270.62 ng/ml



#45 AR-1268-5

R.T.: 9.916 min
Delta R.T.: -0.018 min
Response: 5972713
Conc: 15.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILEMSD



#45 AR-1268-5

R.T.: 8.628 min
Delta R.T.: -0.013 min
Response: 5130056
Conc: 14.40 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021225\
Data File : PP069684.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Feb 2025 15:59
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 12 22:26:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.533	3.837	76106422	46142423	53.166	51.698	
2)	SA Decachlor...	10.262	8.895	53548968	51181318	48.997	45.760	
	Target Compounds							
3)	L1 AR-1016-1	5.686	4.927	23925492	16359527	516.381	501.595	
4)	L1 AR-1016-2	5.707	4.946	34711982	22853223	511.394	508.319	
5)	L1 AR-1016-3	5.769	5.123	21508221	12688413	504.928	509.903	
6)	L1 AR-1016-4	5.867	5.164	17968681	10192249	513.384	504.660	
7)	L1 AR-1016-5	6.160	5.380	16702331	13514517	505.235	503.824	
8)	L2 AR-1221-1	4.730	4.047	2503241	1748450	131.615	141.942	
9)	L2 AR-1221-2	4.820	4.135	3815446	2664176	278.652	275.129	
10)	L2 AR-1221-3	4.895	4.211	13239555	9245491	315.653	316.907	
11)	L3 AR-1232-1	4.895	4.211	13239555	9245491	397.660	393.769	
12)	L3 AR-1232-2	5.421	4.946	16693553	22853223	1021.512	969.517	
13)	L3 AR-1232-3	5.707	5.123	34711982	12688413	1010.274	980.009	
14)	L3 AR-1232-4	5.867	5.207	17968681	12174367	1008.559	1098.144	
15)	L3 AR-1232-5	5.957	5.380	15254232	13514517	1330.804	1106.811	
16)	L4 AR-1242-1	5.686	4.927	23925492	16359527	573.680	567.408	
17)	L4 AR-1242-2	5.707	4.946	34711982	22853223	588.429	580.064	
18)	L4 AR-1242-3	5.769	5.123	21508221	12688413	579.758	563.827	
19)	L4 AR-1242-4	5.867	5.207	17968681	12174367	547.915	564.092	
20)	L4 AR-1242-5	6.598	5.733	5344898	13487328	164.033	468.825	#
21)	L5 AR-1248-1	5.686	4.927	23925492	16359527	737.552	743.258	
22)	L5 AR-1248-2	5.957	5.164	15254232	10192249	359.376	339.012	
23)	L5 AR-1248-3	6.160	5.207	16702331	12174367	355.466	392.921	
24)	L5 AR-1248-4	6.535	5.380	21953534	13514517	398.277	365.814	
25)	L5 AR-1248-5	6.598	5.774	5344898	3555266	100.122	95.088	
26)	L6 AR-1254-1	6.535	5.733	21953534	13487328	379.401	244.976	#
27)	L6 AR-1254-2	6.751	5.881	13233444	10148780	164.919	209.821	#
28)	L6 AR-1254-3	7.114	6.302	7731123	23743131	91.722	312.837	#
29)	L6 AR-1254-4	7.397	6.515	5527112	3115596	81.057	60.792	#
30)	L6 AR-1254-5	7.811	6.933	42074584	31487543	618.324	473.067	
31)	L7 AR-1260-1	7.278	6.418	27910335	24842456	477.620	515.088	
32)	L7 AR-1260-2	7.532	6.606	35068192	31147496	450.673	508.085	
33)	L7 AR-1260-3	7.891	6.760	28169641	26477580	450.575	440.145	
34)	L7 AR-1260-4	8.115	7.232	28287110	22752184	428.744	489.634	
35)	L7 AR-1260-5	8.435	7.471	58428354	54712584	446.270	492.263	
36)	L8 AR-1262-1	8.115	6.972	28287110	27545072	357.982	387.887	
37)	L8 AR-1262-2	8.435	7.232	58428354	22752184	382.076	373.112	
38)	L8 AR-1262-3	8.760	7.756	38036720	13860900	357.892	265.031	#
39)	L8 AR-1262-4	8.839	7.819	25340685	38959643	309.815	421.475	#
40)	L8 AR-1262-5	9.498	8.322	18517172	16012583	327.100	335.046	
41)	L9 AR-1268-1	8.760	7.756	38036720	13860900	215.410	95.512	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021225\
Data File : PP069684.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Feb 2025 15:59
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 12 22:26:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.839	7.819	25340685	38959643	161.025	293.336 #
43) L9	AR-1268-3	9.080	8.028	842585	697215	6.301	6.130
44) L9	AR-1268-4	9.498	8.322	18517172	16012583	315.343	307.473
45) L9	AR-1268-5	9.917	8.627	5213035	4463032	13.686	12.530

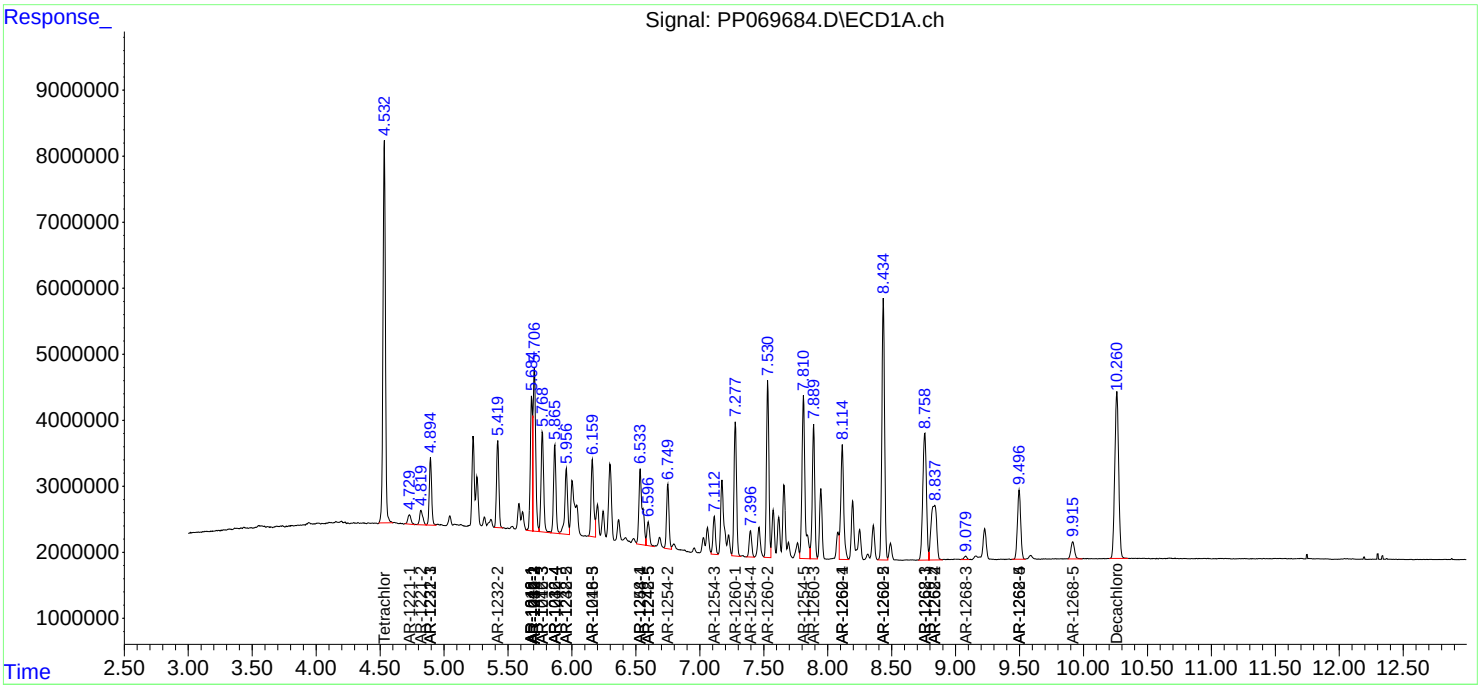
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

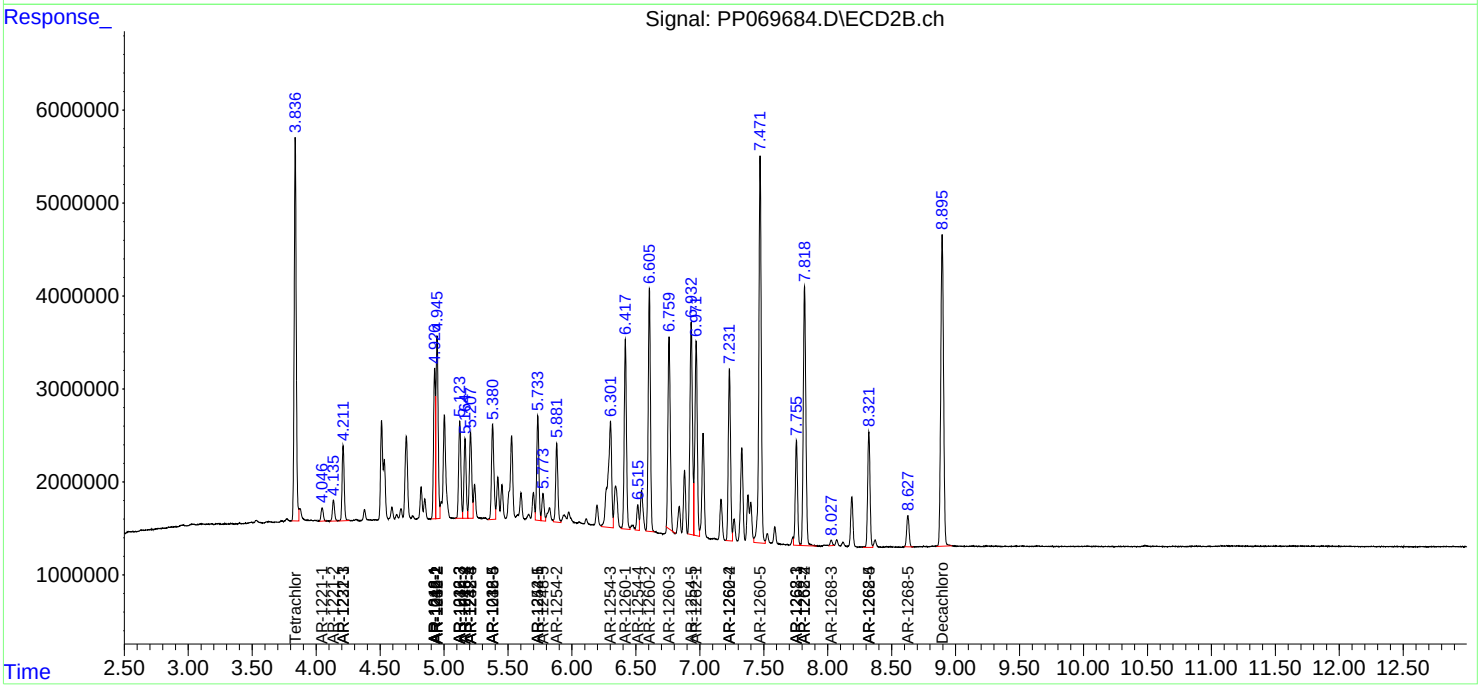
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021225\
Data File : PP069684.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Feb 2025 15:59
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

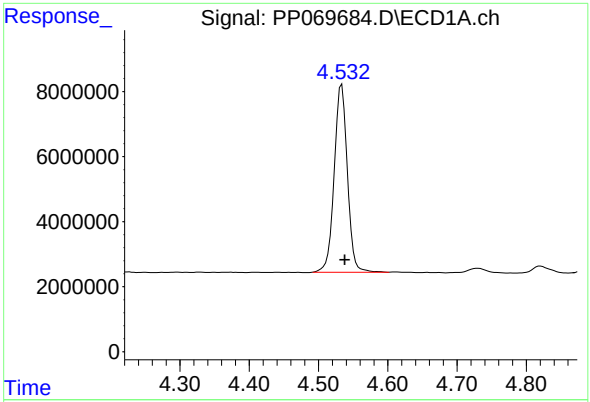
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 12 22:26:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



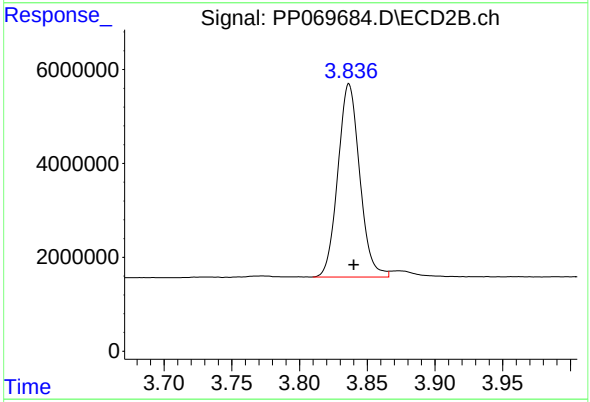




#1 Tetrachloro-m-xylene

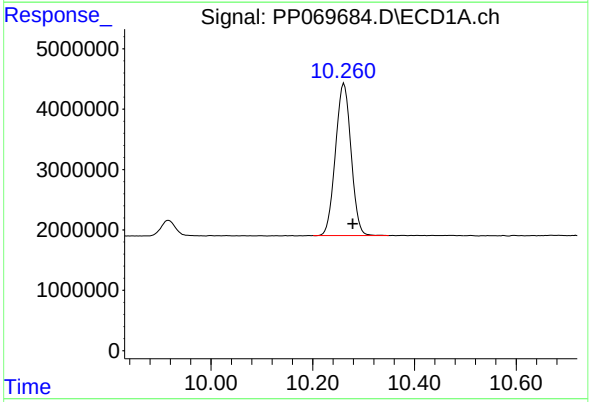
R.T.: 4.533 min
Delta R.T.: -0.005 min
Response: 76106422
Conc: 53.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



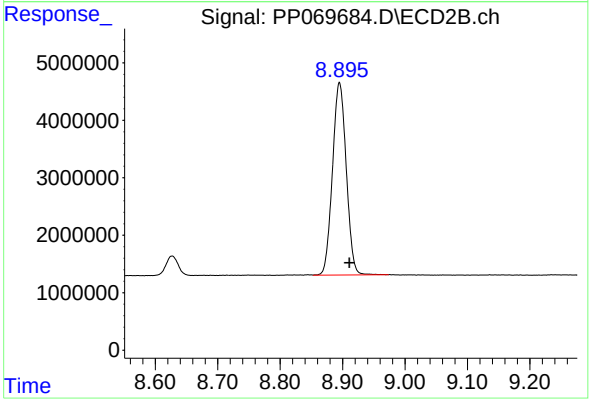
#1 Tetrachloro-m-xylene

R.T.: 3.837 min
Delta R.T.: -0.003 min
Response: 46142423
Conc: 51.70 ng/ml



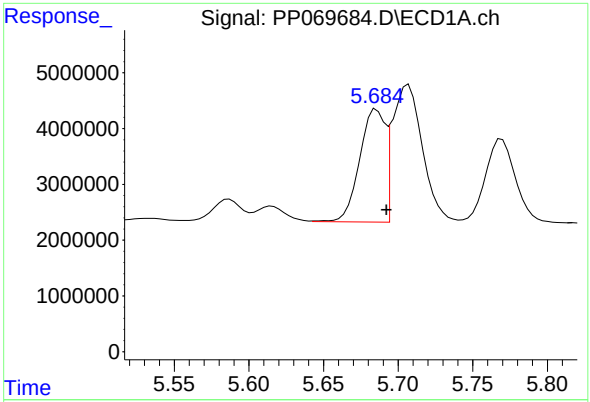
#2 Decachlorobiphenyl

R.T.: 10.262 min
Delta R.T.: -0.017 min
Response: 53548968
Conc: 49.00 ng/ml



#2 Decachlorobiphenyl

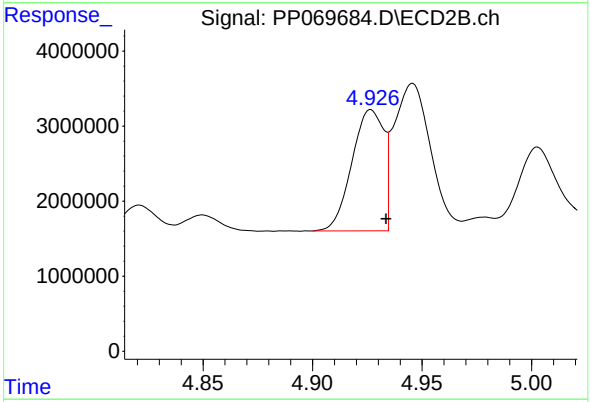
R.T.: 8.895 min
Delta R.T.: -0.016 min
Response: 51181318
Conc: 45.76 ng/ml



#3 AR-1016-1

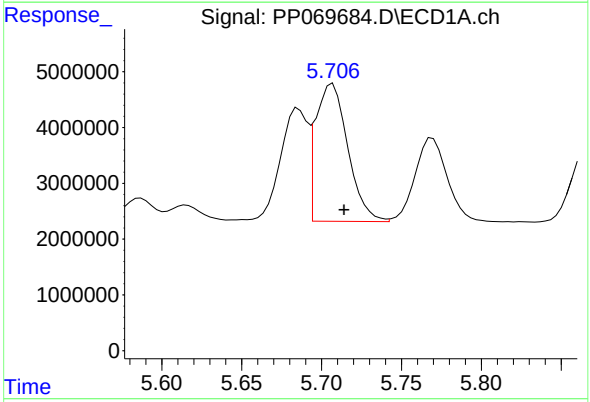
R.T.: 5.686 min
Delta R.T.: -0.006 min
Response: 23925492
Conc: 516.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



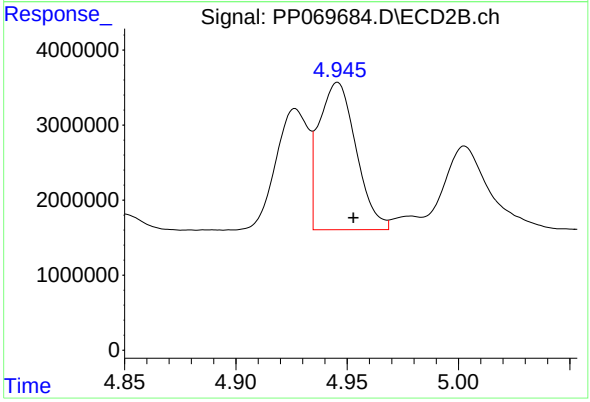
#3 AR-1016-1

R.T.: 4.927 min
Delta R.T.: -0.007 min
Response: 16359527
Conc: 501.59 ng/ml



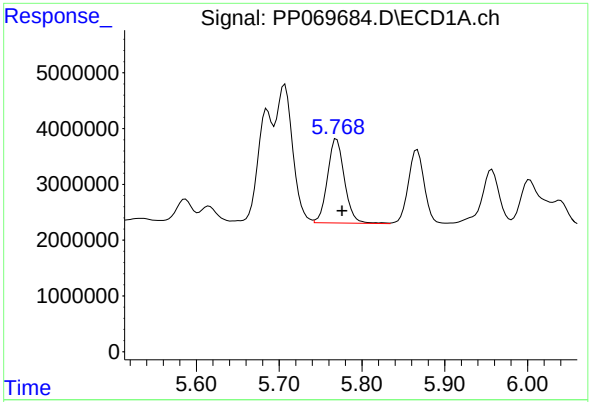
#4 AR-1016-2

R.T.: 5.707 min
Delta R.T.: -0.007 min
Response: 34711982
Conc: 511.39 ng/ml



#4 AR-1016-2

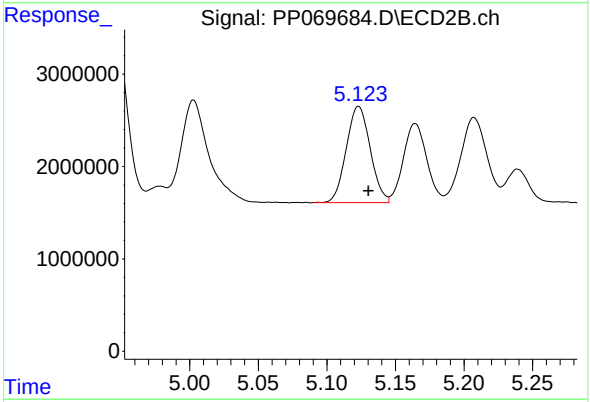
R.T.: 4.946 min
Delta R.T.: -0.007 min
Response: 22853223
Conc: 508.32 ng/ml



#5 AR-1016-3

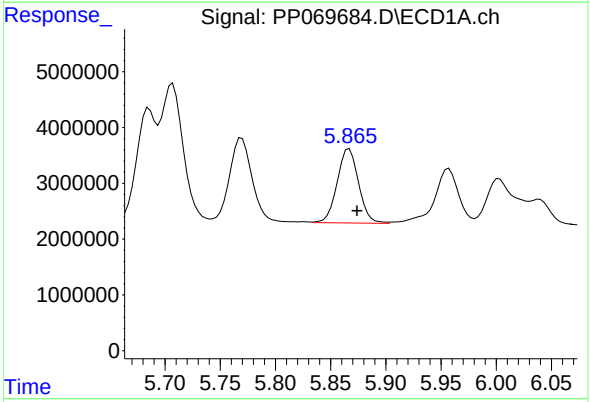
R.T.: 5.769 min
Delta R.T.: -0.007 min
Response: 21508221
Conc: 504.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



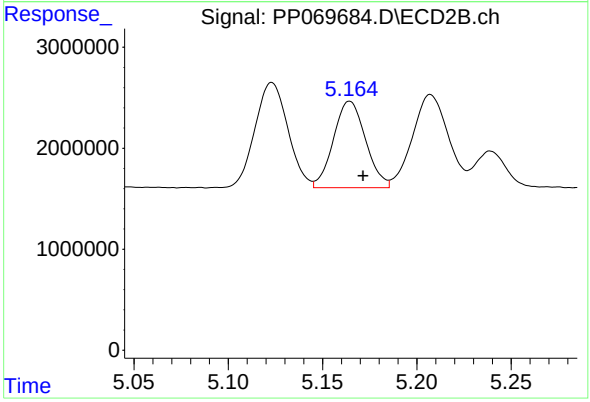
#5 AR-1016-3

R.T.: 5.123 min
Delta R.T.: -0.007 min
Response: 12688413
Conc: 509.90 ng/ml



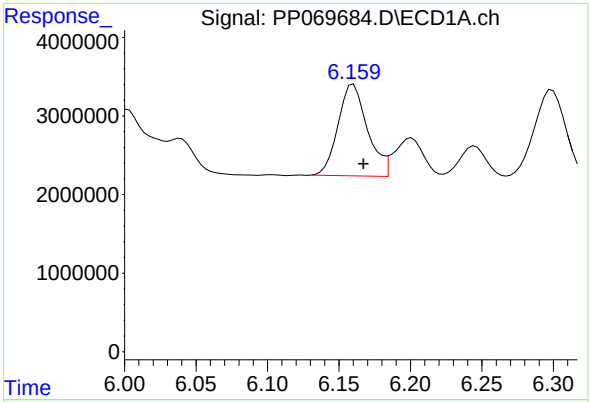
#6 AR-1016-4

R.T.: 5.867 min
Delta R.T.: -0.007 min
Response: 17968681
Conc: 513.38 ng/ml



#6 AR-1016-4

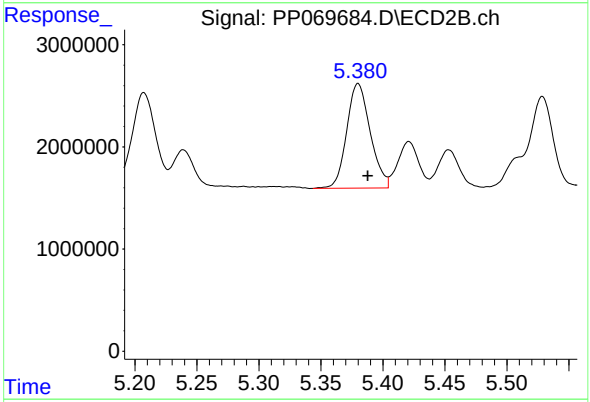
R.T.: 5.164 min
Delta R.T.: -0.007 min
Response: 10192249
Conc: 504.66 ng/ml



#7 AR-1016-5

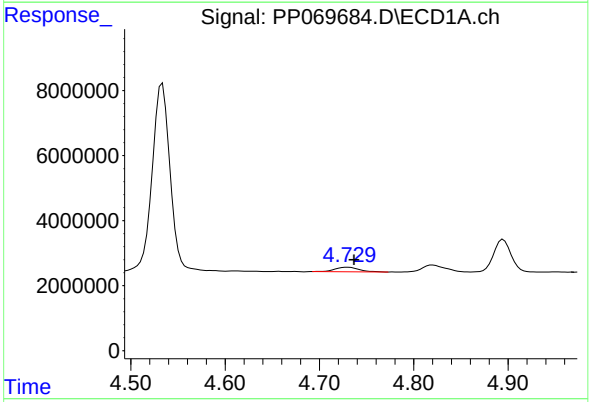
R.T.: 6.160 min
Delta R.T.: -0.007 min
Response: 16702331
Conc: 505.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



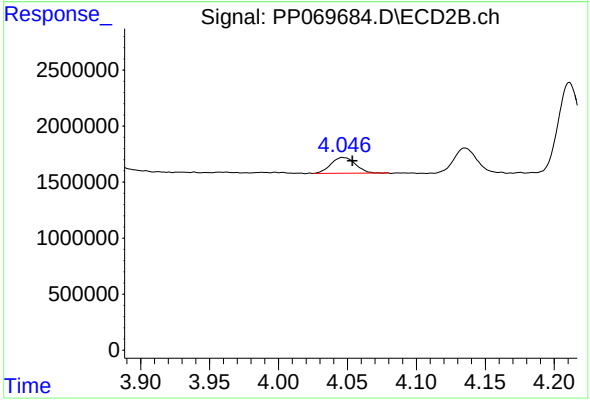
#7 AR-1016-5

R.T.: 5.380 min
Delta R.T.: -0.008 min
Response: 13514517
Conc: 503.82 ng/ml



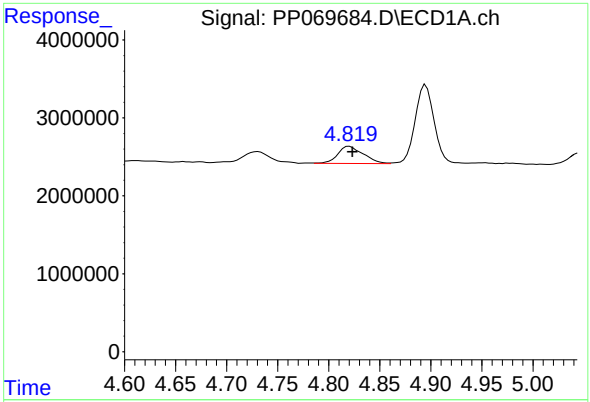
#8 AR-1221-1

R.T.: 4.730 min
Delta R.T.: -0.006 min
Response: 2503241
Conc: 131.61 ng/ml



#8 AR-1221-1

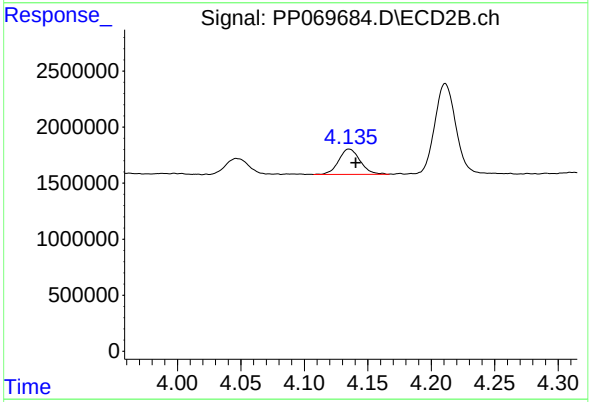
R.T.: 4.047 min
Delta R.T.: -0.007 min
Response: 1748450
Conc: 141.94 ng/ml



#9 AR-1221-2

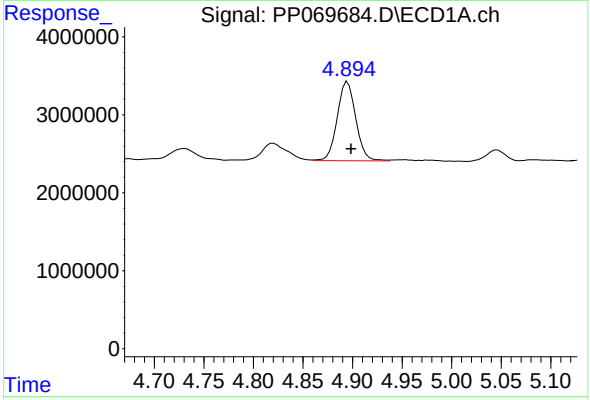
R.T.: 4.820 min
Delta R.T.: -0.003 min
Response: 3815446
Conc: 278.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



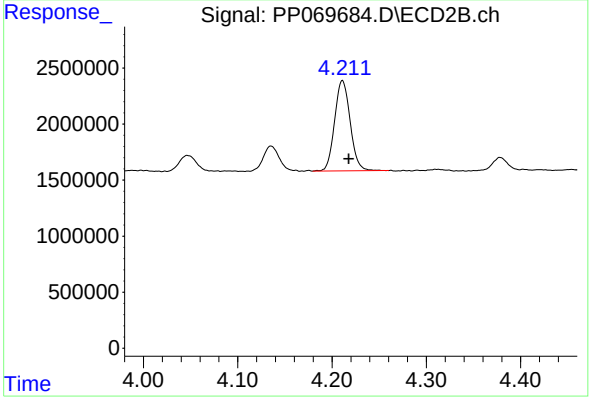
#9 AR-1221-2

R.T.: 4.135 min
Delta R.T.: -0.005 min
Response: 2664176
Conc: 275.13 ng/ml



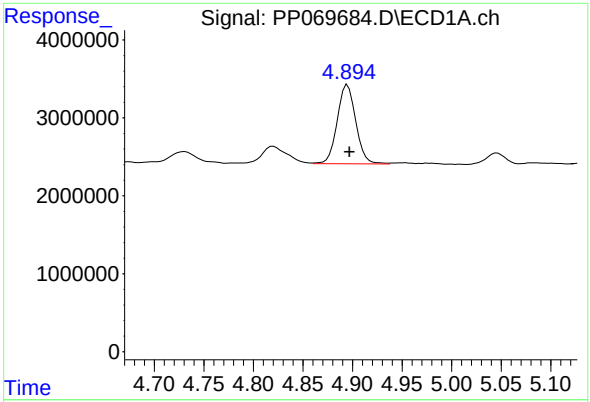
#10 AR-1221-3

R.T.: 4.895 min
Delta R.T.: -0.003 min
Response: 13239555
Conc: 315.65 ng/ml



#10 AR-1221-3

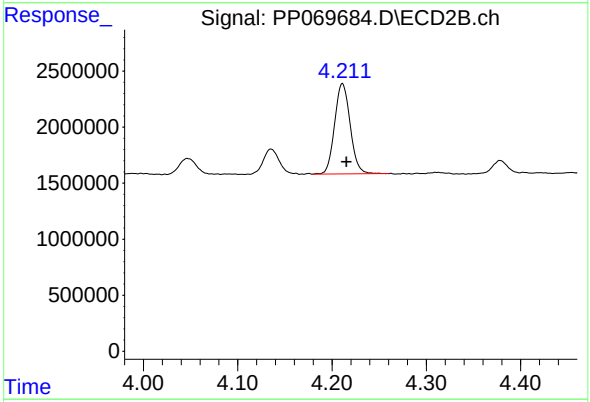
R.T.: 4.211 min
Delta R.T.: -0.007 min
Response: 9245491
Conc: 316.91 ng/ml



#11 AR-1232-1

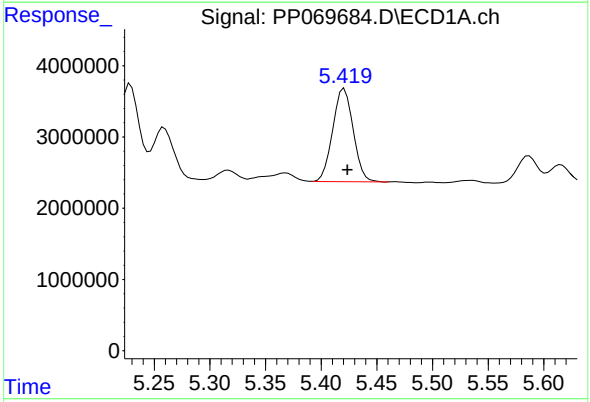
R.T.: 4.895 min
Delta R.T.: -0.002 min
Response: 13239555
Conc: 397.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



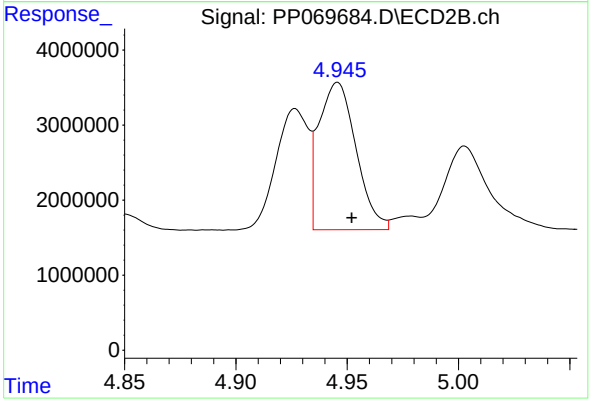
#11 AR-1232-1

R.T.: 4.211 min
Delta R.T.: -0.004 min
Response: 9245491
Conc: 393.77 ng/ml



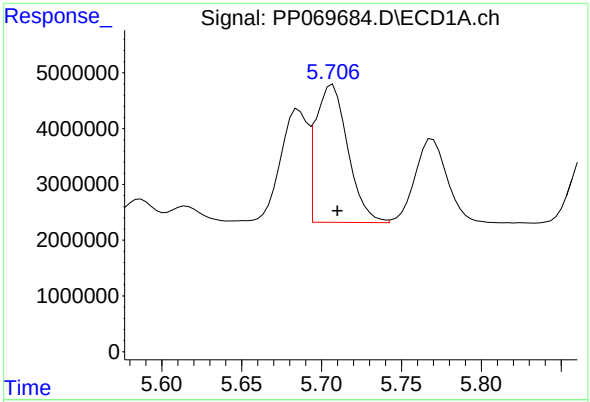
#12 AR-1232-2

R.T.: 5.421 min
Delta R.T.: -0.003 min
Response: 16693553
Conc: 1021.51 ng/ml



#12 AR-1232-2

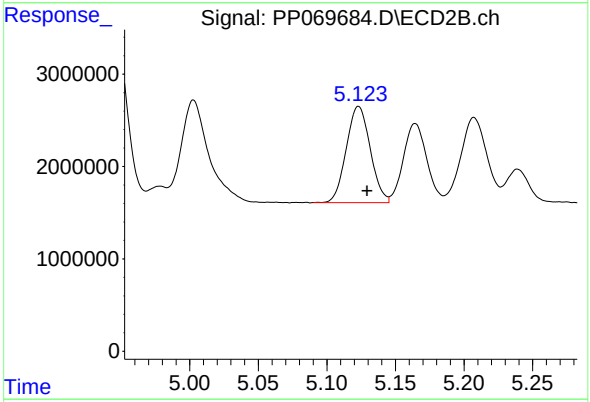
R.T.: 4.946 min
Delta R.T.: -0.006 min
Response: 22853223
Conc: 969.52 ng/ml



#13 AR-1232-3

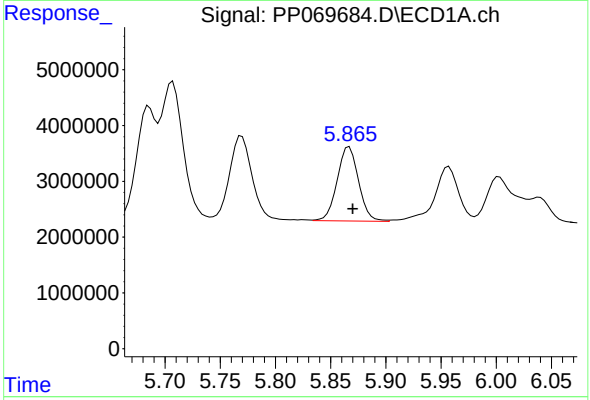
R.T.: 5.707 min
Delta R.T.: -0.003 min
Response: 34711982
Conc: 1010.27 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



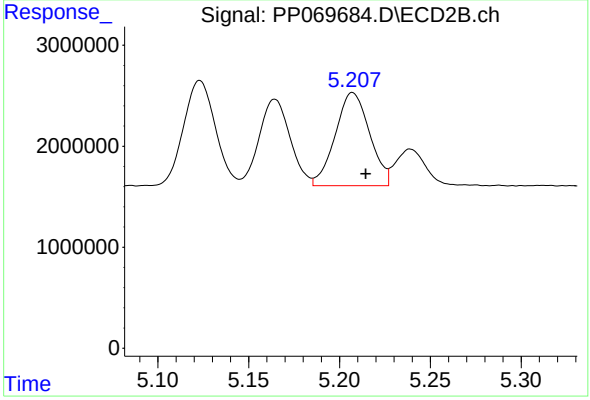
#13 AR-1232-3

R.T.: 5.123 min
Delta R.T.: -0.006 min
Response: 12688413
Conc: 980.01 ng/ml



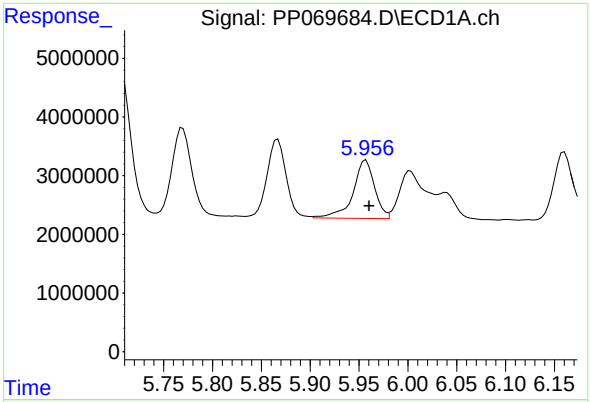
#14 AR-1232-4

R.T.: 5.867 min
Delta R.T.: -0.003 min
Response: 17968681
Conc: 1008.56 ng/ml



#14 AR-1232-4

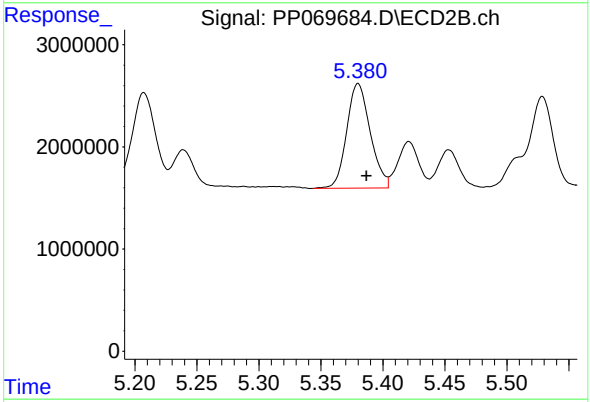
R.T.: 5.207 min
Delta R.T.: -0.007 min
Response: 12174367
Conc: 1098.14 ng/ml



#15 AR-1232-5

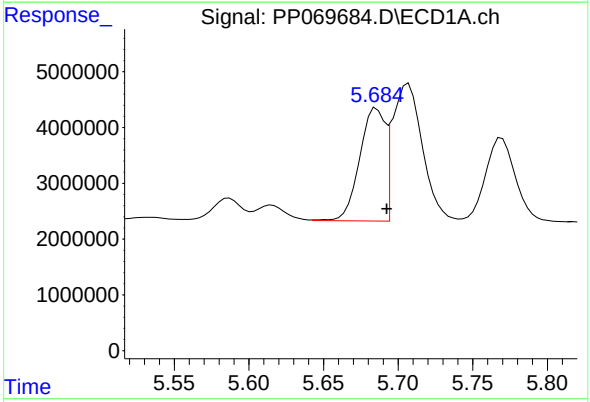
R.T.: 5.957 min
Delta R.T.: -0.003 min
Response: 15254232
Conc: 1330.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



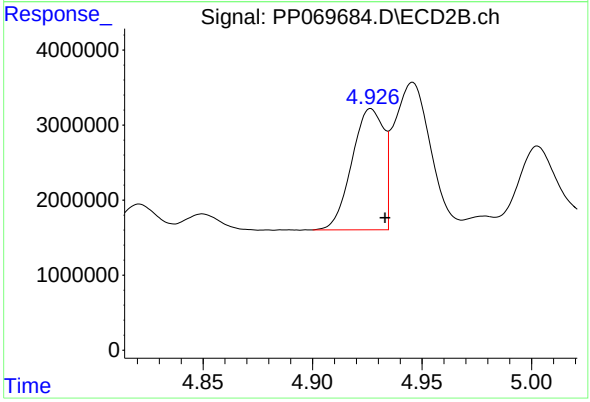
#15 AR-1232-5

R.T.: 5.380 min
Delta R.T.: -0.007 min
Response: 13514517
Conc: 1106.81 ng/ml



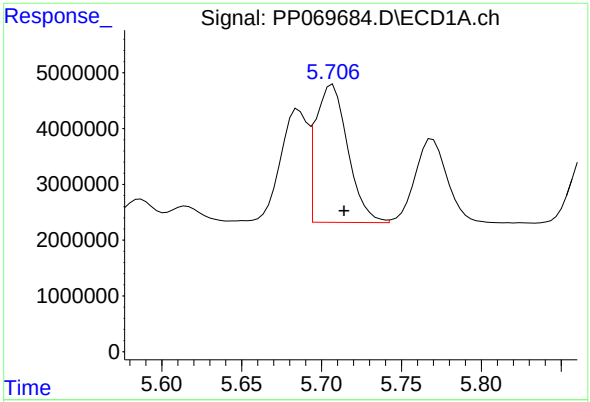
#16 AR-1242-1

R.T.: 5.686 min
Delta R.T.: -0.007 min
Response: 23925492
Conc: 573.68 ng/ml



#16 AR-1242-1

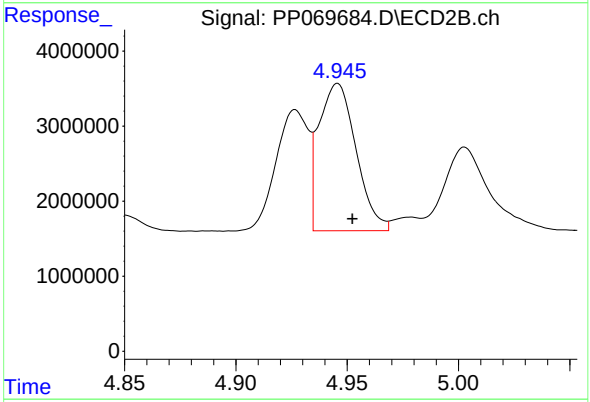
R.T.: 4.927 min
Delta R.T.: -0.006 min
Response: 16359527
Conc: 567.41 ng/ml



#17 AR-1242-2

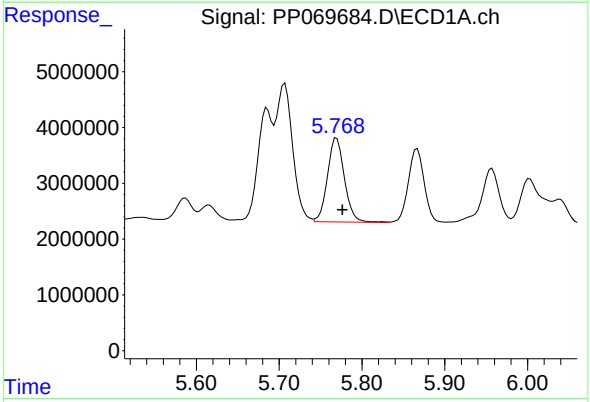
R.T.: 5.707 min
Delta R.T.: -0.007 min
Response: 34711982
Conc: 588.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



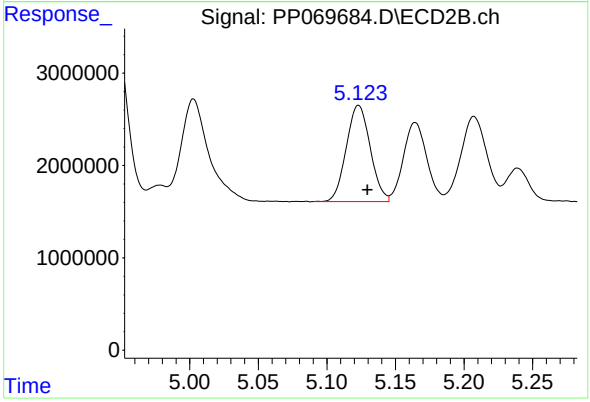
#17 AR-1242-2

R.T.: 4.946 min
Delta R.T.: -0.007 min
Response: 22853223
Conc: 580.06 ng/ml



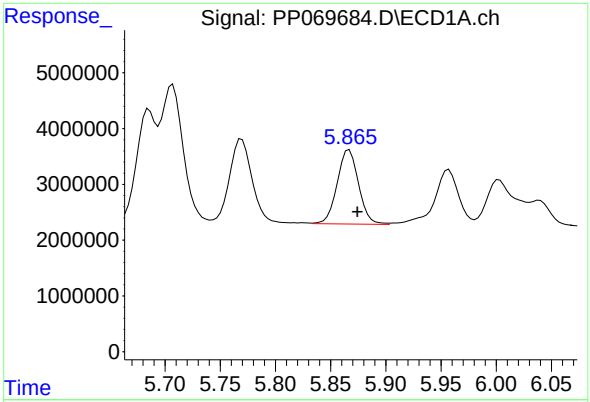
#18 AR-1242-3

R.T.: 5.769 min
Delta R.T.: -0.007 min
Response: 21508221
Conc: 579.76 ng/ml



#18 AR-1242-3

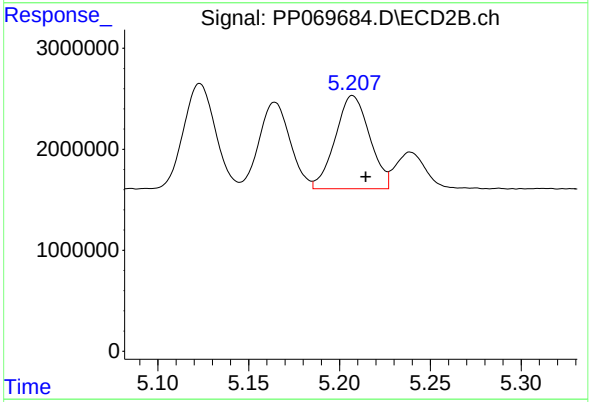
R.T.: 5.123 min
Delta R.T.: -0.006 min
Response: 12688413
Conc: 563.83 ng/ml



#19 AR-1242-4

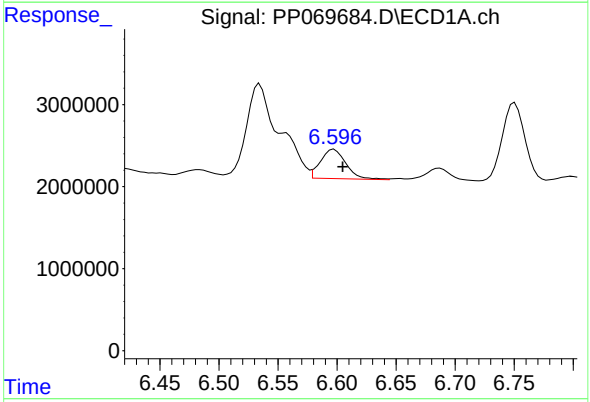
R.T.: 5.867 min
Delta R.T.: -0.007 min
Response: 17968681
Conc: 547.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



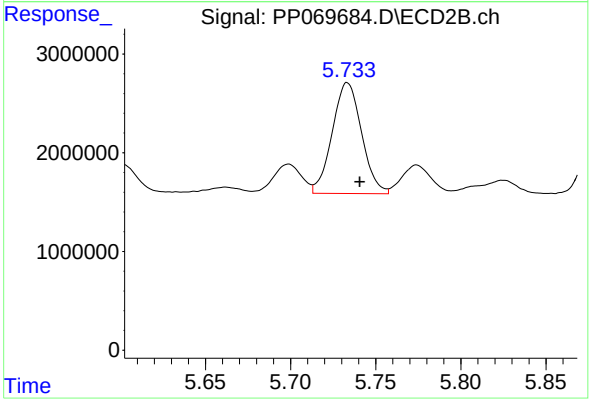
#19 AR-1242-4

R.T.: 5.207 min
Delta R.T.: -0.007 min
Response: 12174367
Conc: 564.09 ng/ml



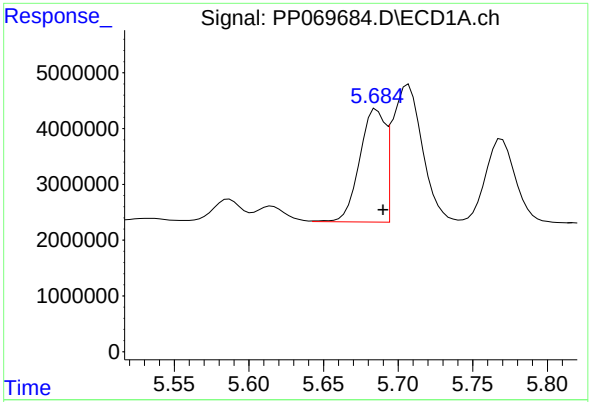
#20 AR-1242-5

R.T.: 6.598 min
Delta R.T.: -0.007 min
Response: 5344898
Conc: 164.03 ng/ml



#20 AR-1242-5

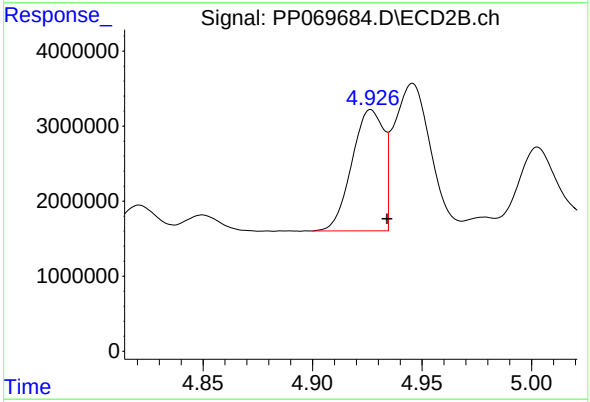
R.T.: 5.733 min
Delta R.T.: -0.007 min
Response: 13487328
Conc: 468.82 ng/ml



#21 AR-1248-1

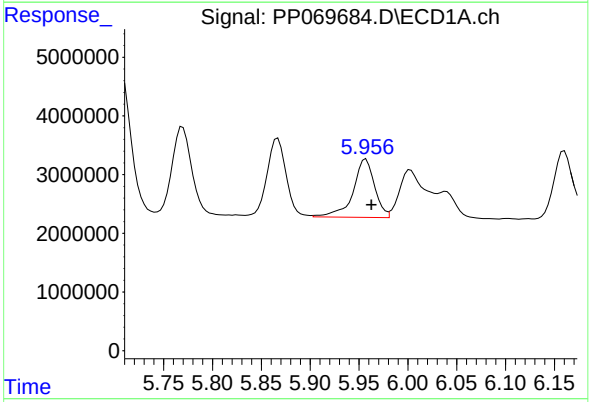
R.T.: 5.686 min
Delta R.T.: -0.004 min
Response: 23925492
Conc: 737.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



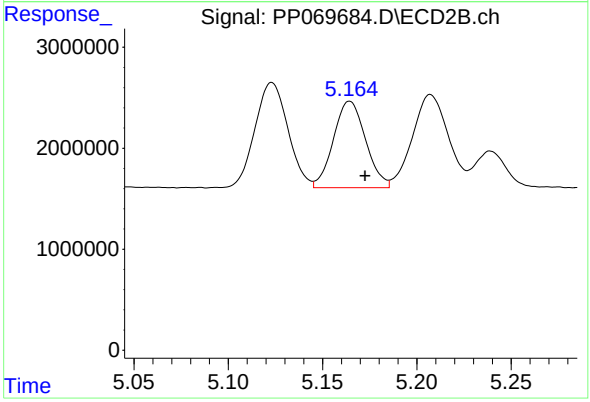
#21 AR-1248-1

R.T.: 4.927 min
Delta R.T.: -0.007 min
Response: 16359527
Conc: 743.26 ng/ml



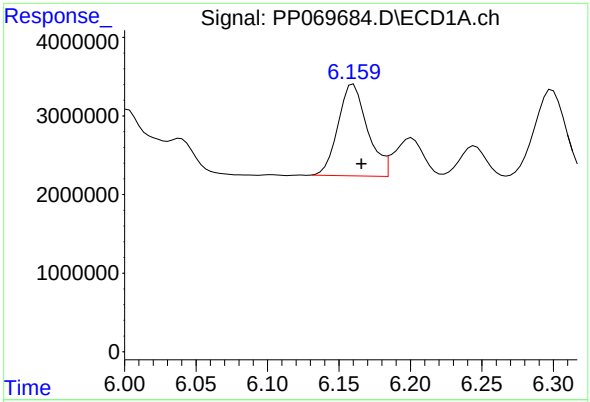
#22 AR-1248-2

R.T.: 5.957 min
Delta R.T.: -0.006 min
Response: 15254232
Conc: 359.38 ng/ml



#22 AR-1248-2

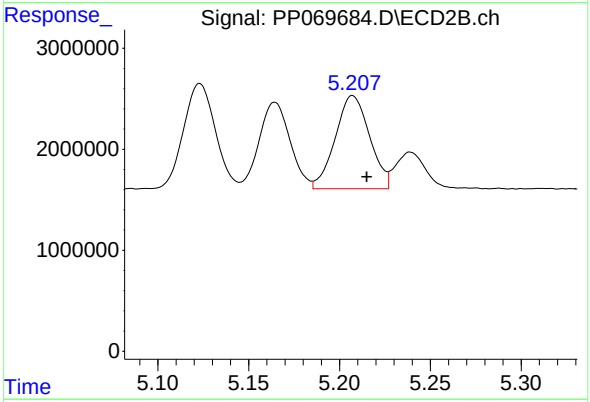
R.T.: 5.164 min
Delta R.T.: -0.008 min
Response: 10192249
Conc: 339.01 ng/ml



#23 AR-1248-3

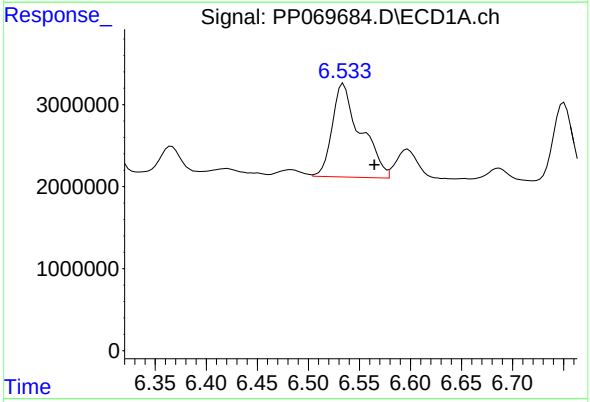
R.T.: 6.160 min
Delta R.T.: -0.005 min
Response: 16702331
Conc: 355.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



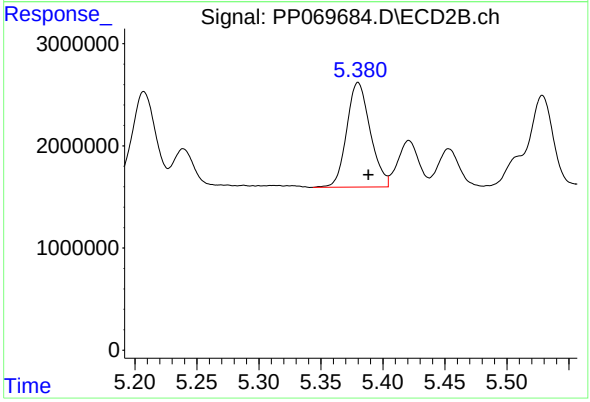
#23 AR-1248-3

R.T.: 5.207 min
Delta R.T.: -0.008 min
Response: 12174367
Conc: 392.92 ng/ml



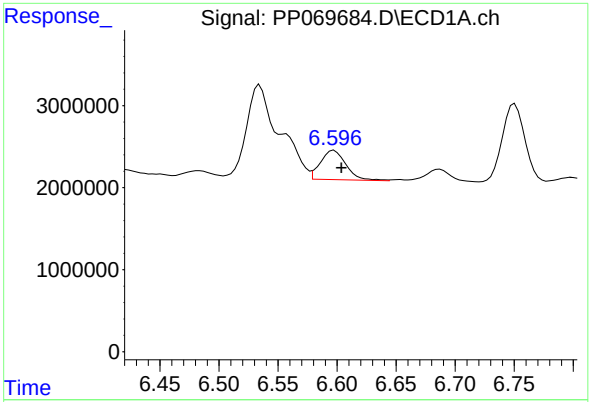
#24 AR-1248-4

R.T.: 6.535 min
Delta R.T.: -0.030 min
Response: 21953534
Conc: 398.28 ng/ml



#24 AR-1248-4

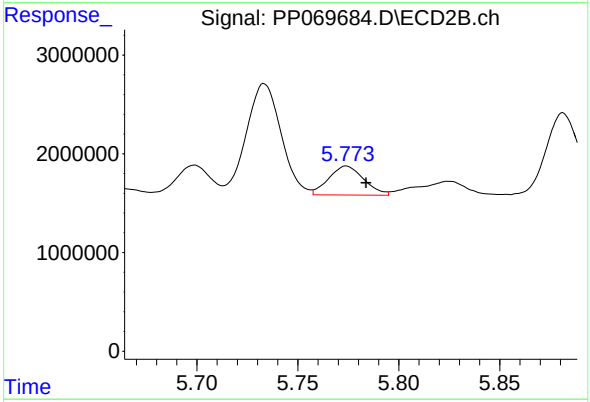
R.T.: 5.380 min
Delta R.T.: -0.008 min
Response: 13514517
Conc: 365.81 ng/ml



#25 AR-1248-5

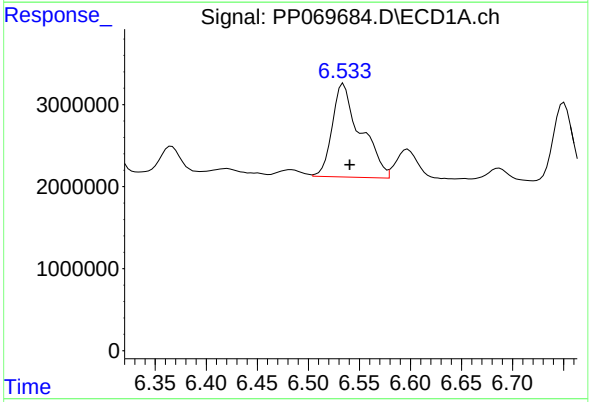
R.T.: 6.598 min
Delta R.T.: -0.006 min
Response: 5344898
Conc: 100.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



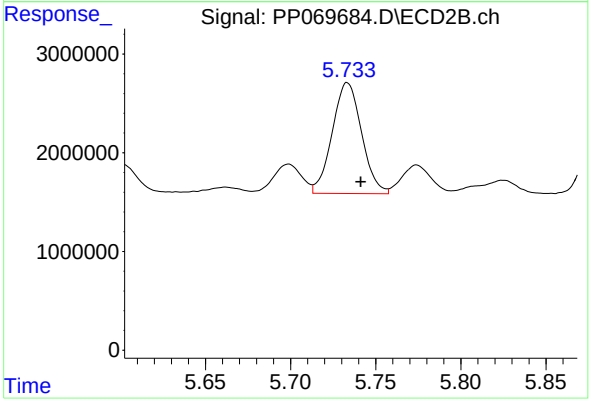
#25 AR-1248-5

R.T.: 5.774 min
Delta R.T.: -0.010 min
Response: 3555266
Conc: 95.09 ng/ml



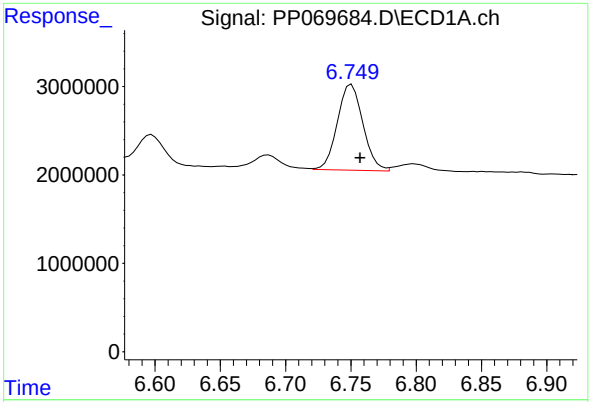
#26 AR-1254-1

R.T.: 6.535 min
Delta R.T.: -0.006 min
Response: 21953534
Conc: 379.40 ng/ml



#26 AR-1254-1

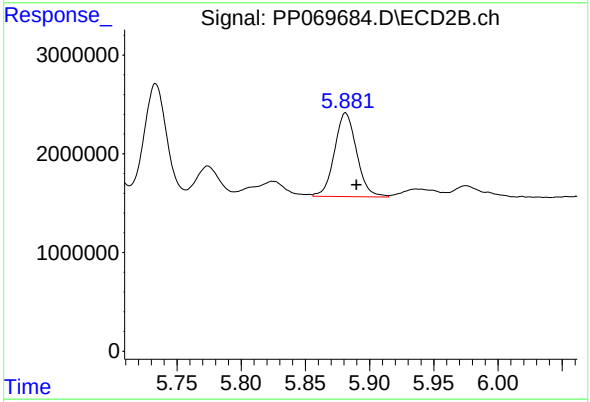
R.T.: 5.733 min
Delta R.T.: -0.008 min
Response: 13487328
Conc: 244.98 ng/ml



#27 AR-1254-2

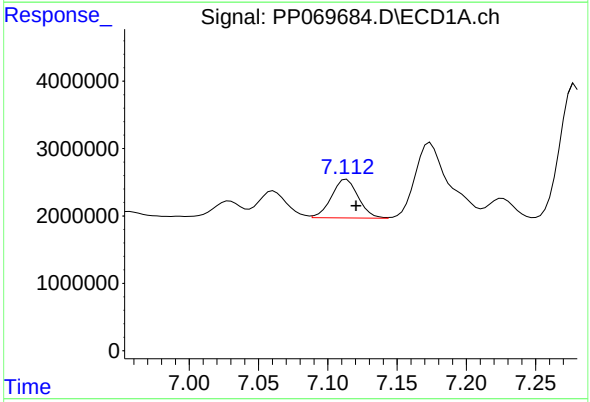
R.T.: 6.751 min
Delta R.T.: -0.007 min
Response: 13233444
Conc: 164.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



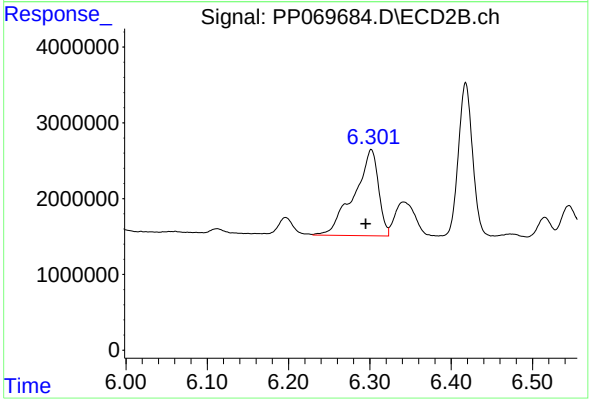
#27 AR-1254-2

R.T.: 5.881 min
Delta R.T.: -0.008 min
Response: 10148780
Conc: 209.82 ng/ml



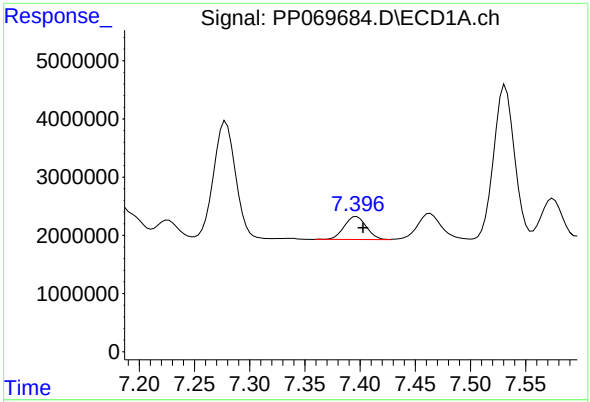
#28 AR-1254-3

R.T.: 7.114 min
Delta R.T.: -0.007 min
Response: 7731123
Conc: 91.72 ng/ml



#28 AR-1254-3

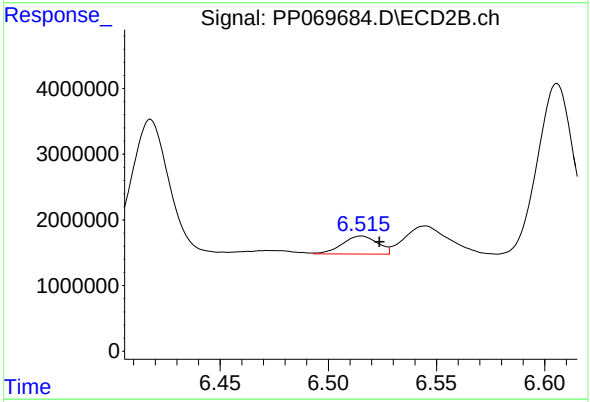
R.T.: 6.302 min
Delta R.T.: 0.007 min
Response: 23743131
Conc: 312.84 ng/ml



#29 AR-1254-4

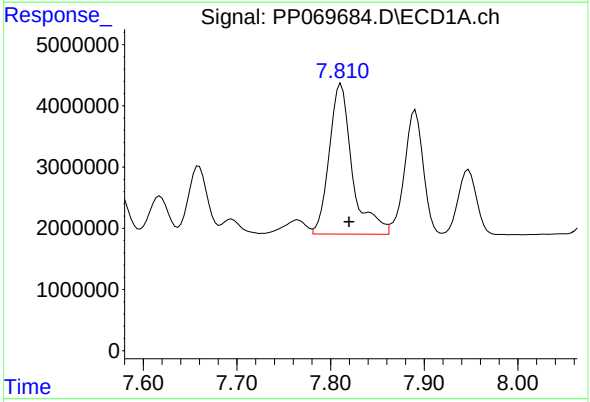
R.T.: 7.397 min
Delta R.T.: -0.006 min
Response: 5527112
Conc: 81.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



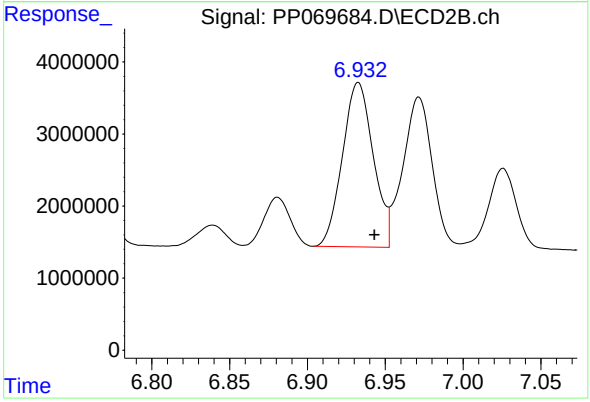
#29 AR-1254-4

R.T.: 6.515 min
Delta R.T.: -0.008 min
Response: 3115596
Conc: 60.79 ng/ml



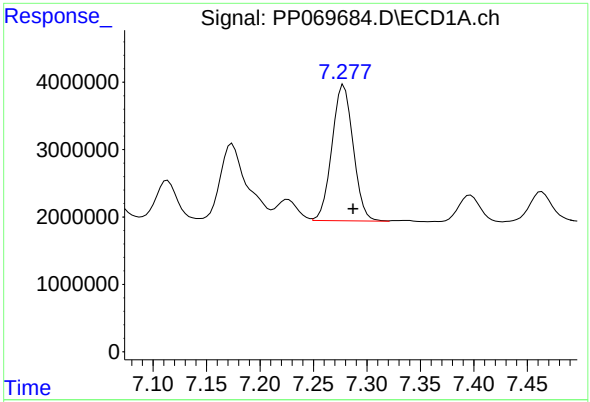
#30 AR-1254-5

R.T.: 7.811 min
Delta R.T.: -0.008 min
Response: 42074584
Conc: 618.32 ng/ml



#30 AR-1254-5

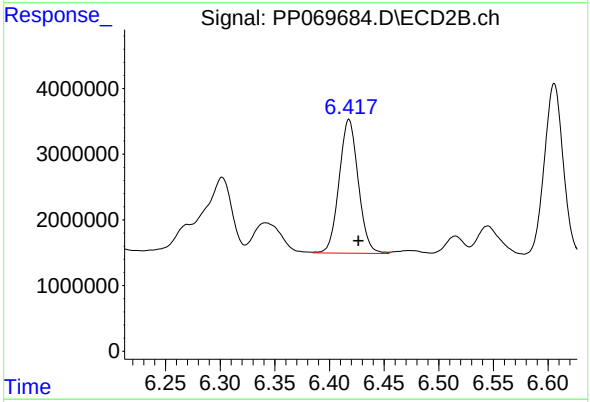
R.T.: 6.933 min
Delta R.T.: -0.010 min
Response: 31487543
Conc: 473.07 ng/ml



#31 AR-1260-1

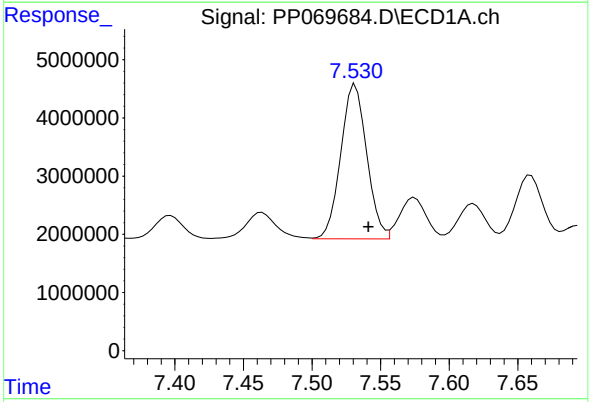
R.T.: 7.278 min
Delta R.T.: -0.008 min
Response: 27910335
Conc: 477.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



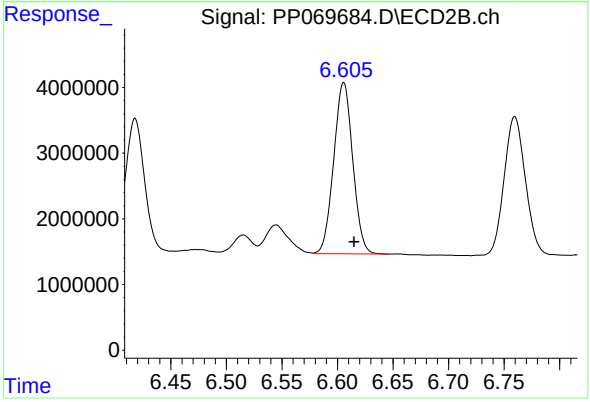
#31 AR-1260-1

R.T.: 6.418 min
Delta R.T.: -0.009 min
Response: 24842456
Conc: 515.09 ng/ml



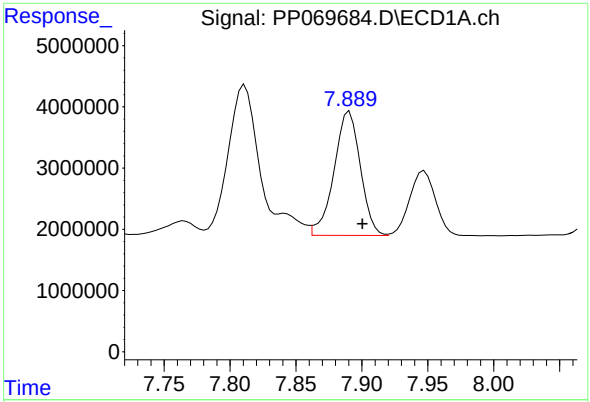
#32 AR-1260-2

R.T.: 7.532 min
Delta R.T.: -0.010 min
Response: 35068192
Conc: 450.67 ng/ml



#32 AR-1260-2

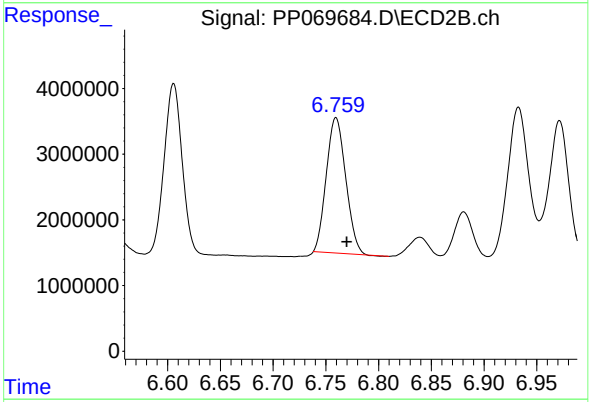
R.T.: 6.606 min
Delta R.T.: -0.009 min
Response: 31147496
Conc: 508.09 ng/ml



#33 AR-1260-3

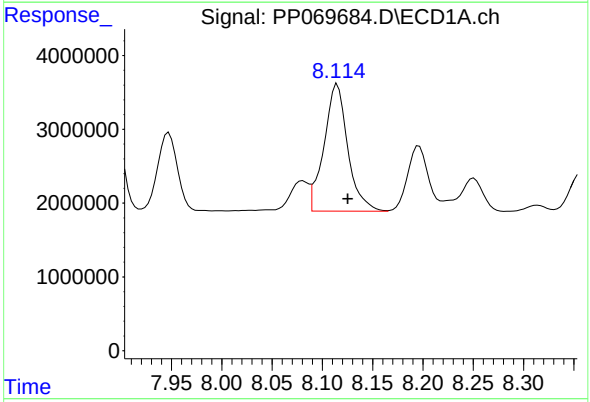
R.T.: 7.891 min
Delta R.T.: -0.010 min
Response: 28169641
Conc: 450.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



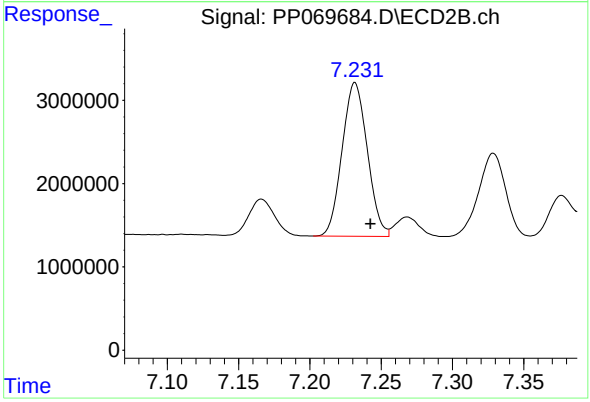
#33 AR-1260-3

R.T.: 6.760 min
Delta R.T.: -0.010 min
Response: 26477580
Conc: 440.15 ng/ml



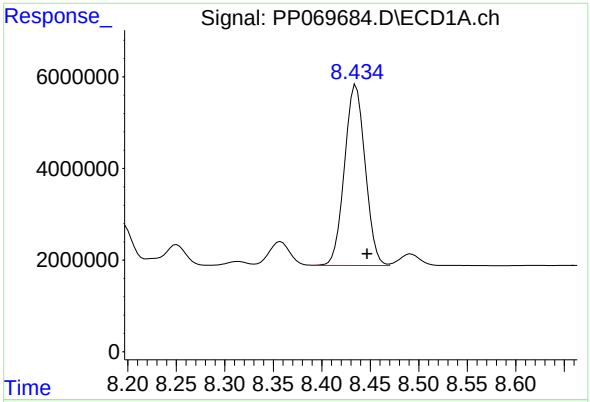
#34 AR-1260-4

R.T.: 8.115 min
Delta R.T.: -0.010 min
Response: 28287110
Conc: 428.74 ng/ml



#34 AR-1260-4

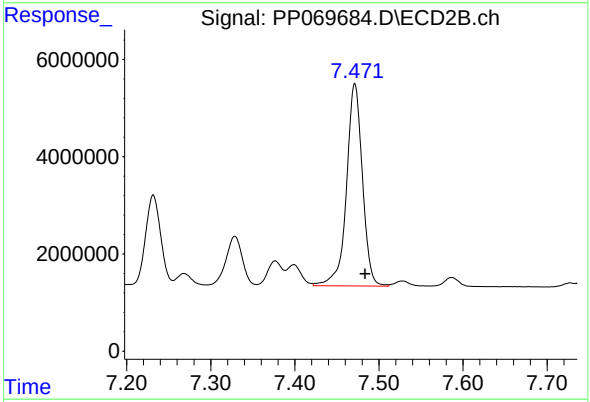
R.T.: 7.232 min
Delta R.T.: -0.011 min
Response: 22752184
Conc: 489.63 ng/ml



#35 AR-1260-5

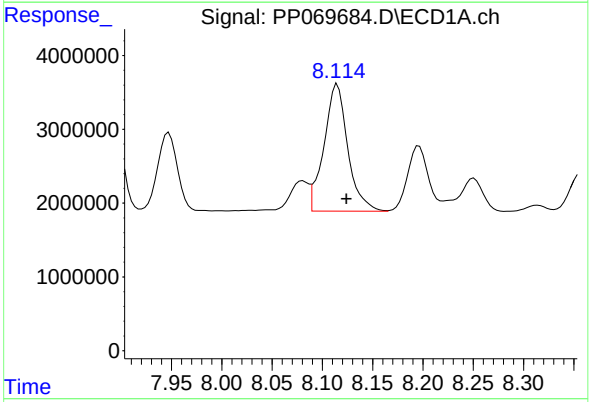
R.T.: 8.435 min
Delta R.T.: -0.011 min
Response: 58428354
Conc: 446.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



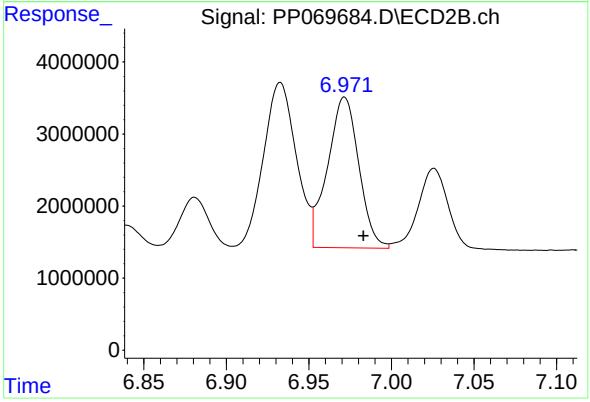
#35 AR-1260-5

R.T.: 7.471 min
Delta R.T.: -0.012 min
Response: 54712584
Conc: 492.26 ng/ml



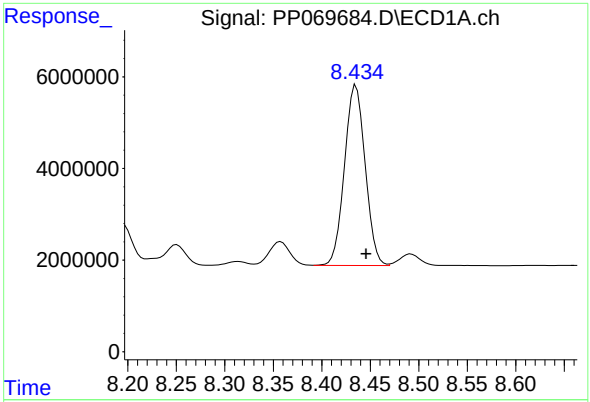
#36 AR-1262-1

R.T.: 8.115 min
Delta R.T.: -0.009 min
Response: 28287110
Conc: 357.98 ng/ml



#36 AR-1262-1

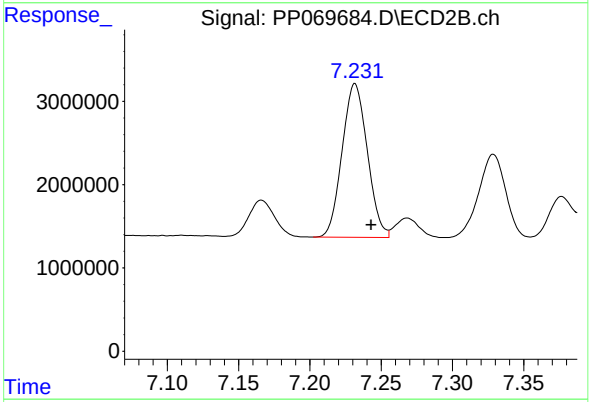
R.T.: 6.972 min
Delta R.T.: -0.011 min
Response: 27545072
Conc: 387.89 ng/ml



#37 AR-1262-2

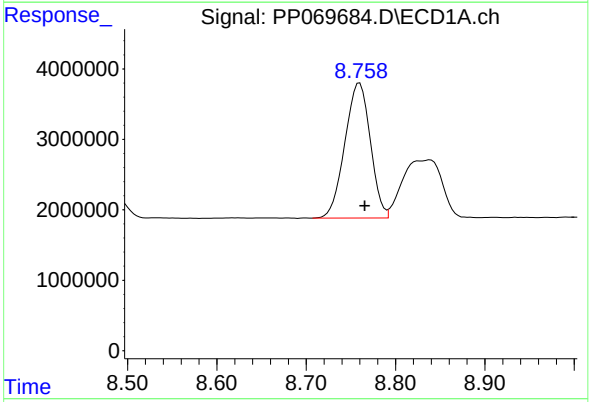
R.T.: 8.435 min
Delta R.T.: -0.010 min
Response: 58428354
Conc: 382.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



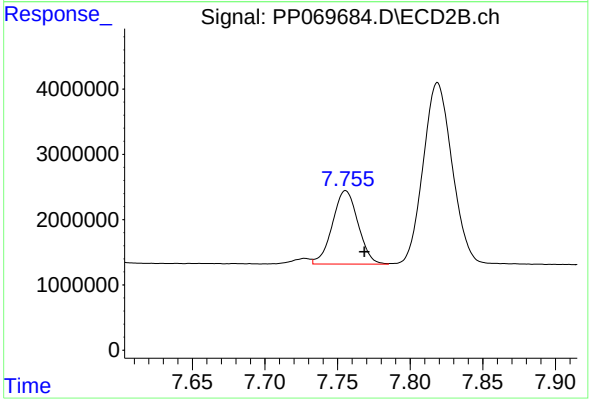
#37 AR-1262-2

R.T.: 7.232 min
Delta R.T.: -0.011 min
Response: 22752184
Conc: 373.11 ng/ml



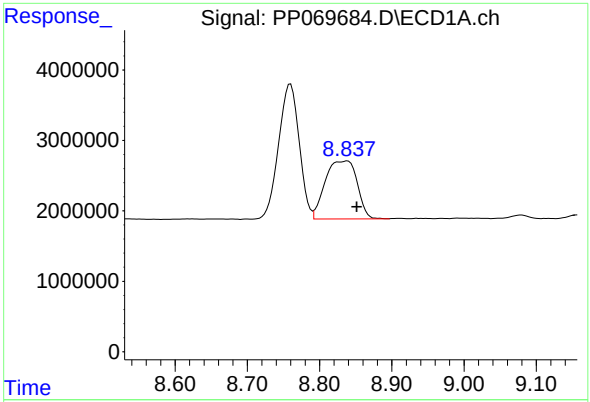
#38 AR-1262-3

R.T.: 8.760 min
Delta R.T.: -0.006 min
Response: 38036720
Conc: 357.89 ng/ml



#38 AR-1262-3

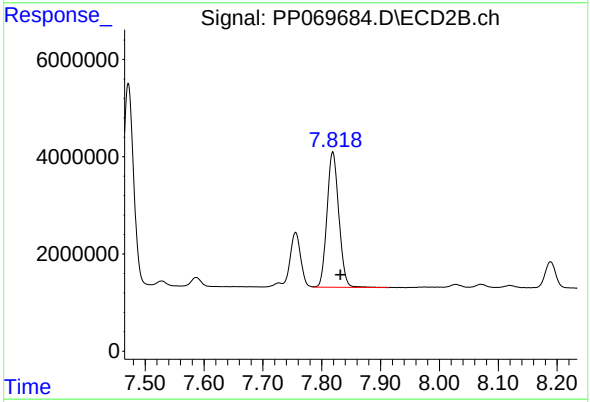
R.T.: 7.756 min
Delta R.T.: -0.013 min
Response: 13860900
Conc: 265.03 ng/ml



#39 AR-1262-4

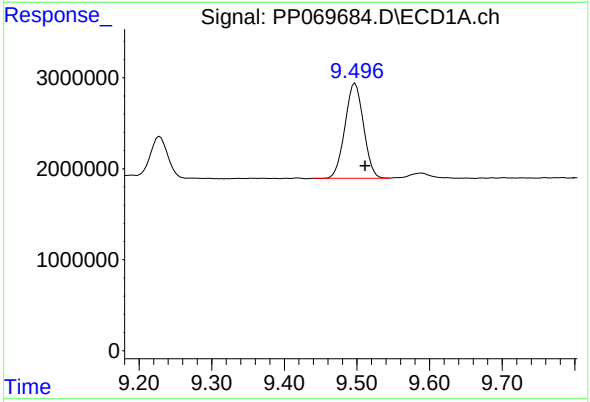
R.T.: 8.839 min
Delta R.T.: -0.013 min
Response: 25340685
Conc: 309.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



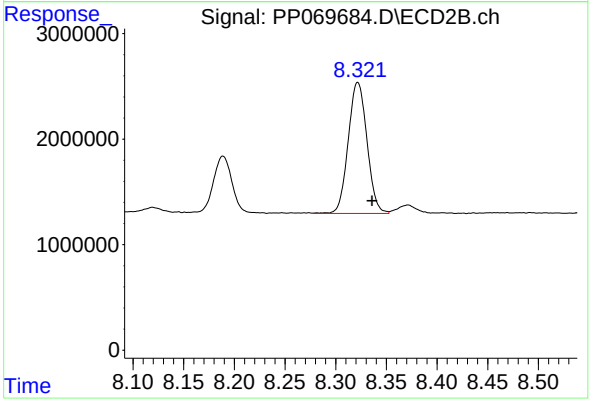
#39 AR-1262-4

R.T.: 7.819 min
Delta R.T.: -0.013 min
Response: 38959643
Conc: 421.47 ng/ml



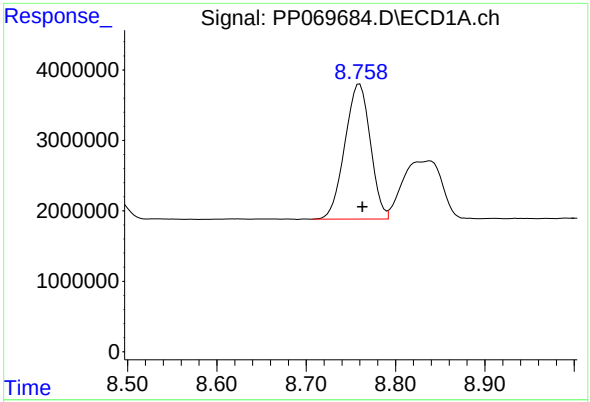
#40 AR-1262-5

R.T.: 9.498 min
Delta R.T.: -0.014 min
Response: 18517172
Conc: 327.10 ng/ml



#40 AR-1262-5

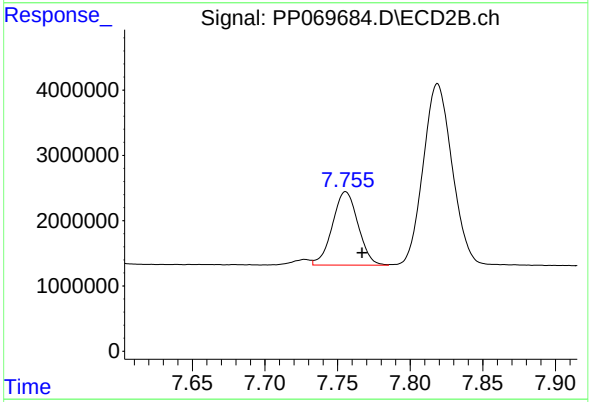
R.T.: 8.322 min
Delta R.T.: -0.014 min
Response: 16012583
Conc: 335.05 ng/ml



#41 AR-1268-1

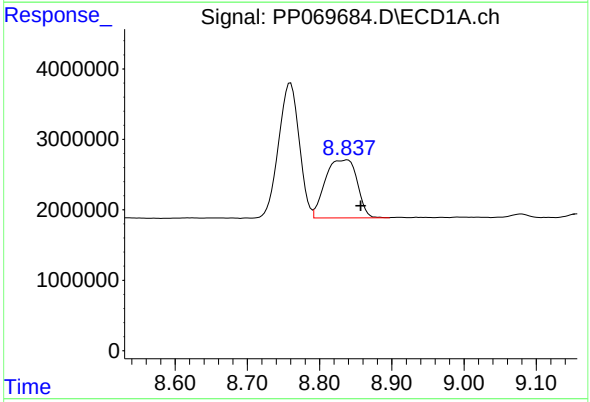
R.T.: 8.760 min
Delta R.T.: -0.003 min
Response: 38036720
Conc: 215.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



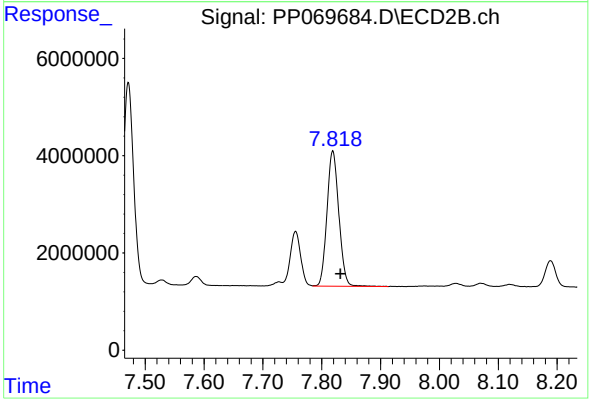
#41 AR-1268-1

R.T.: 7.756 min
Delta R.T.: -0.011 min
Response: 13860900
Conc: 95.51 ng/ml



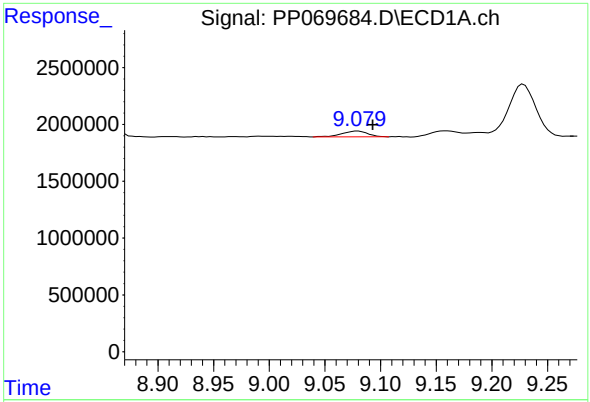
#42 AR-1268-2

R.T.: 8.839 min
Delta R.T.: -0.019 min
Response: 25340685
Conc: 161.02 ng/ml



#42 AR-1268-2

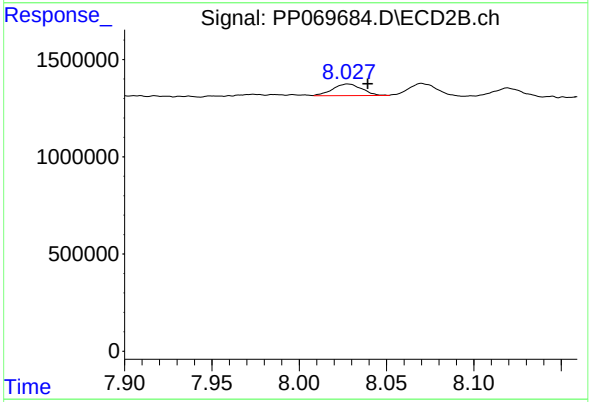
R.T.: 7.819 min
Delta R.T.: -0.013 min
Response: 38959643
Conc: 293.34 ng/ml



#43 AR-1268-3

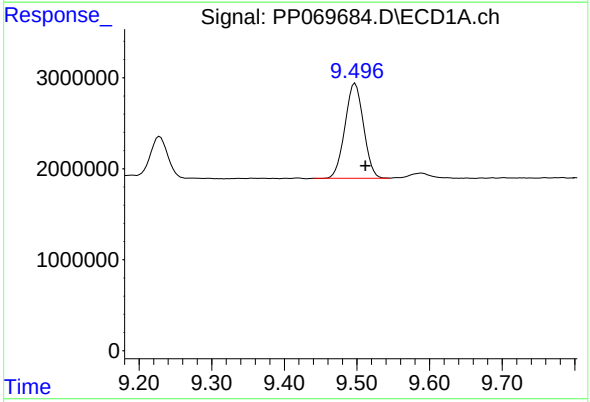
R.T.: 9.080 min
Delta R.T.: -0.013 min
Response: 842585
Conc: 6.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



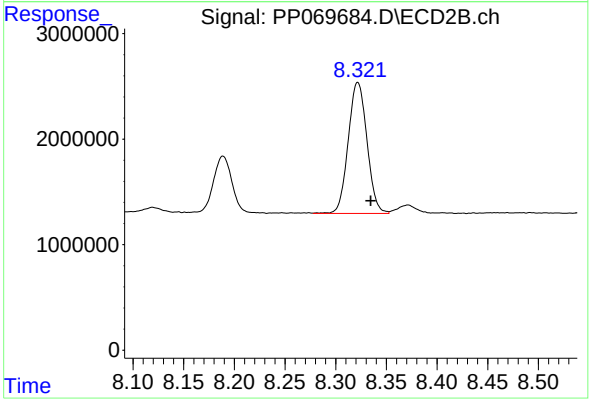
#43 AR-1268-3

R.T.: 8.028 min
Delta R.T.: -0.011 min
Response: 697215
Conc: 6.13 ng/ml



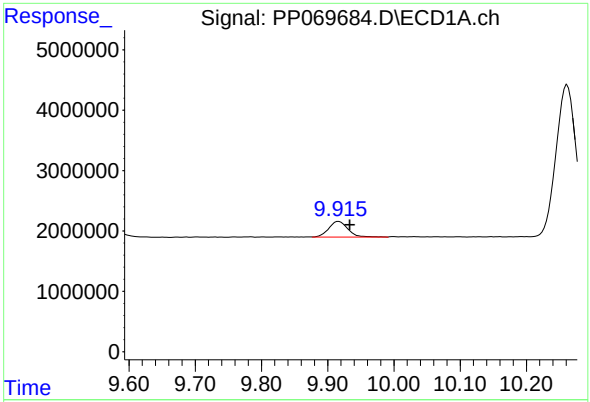
#44 AR-1268-4

R.T.: 9.498 min
Delta R.T.: -0.014 min
Response: 18517172
Conc: 315.34 ng/ml



#44 AR-1268-4

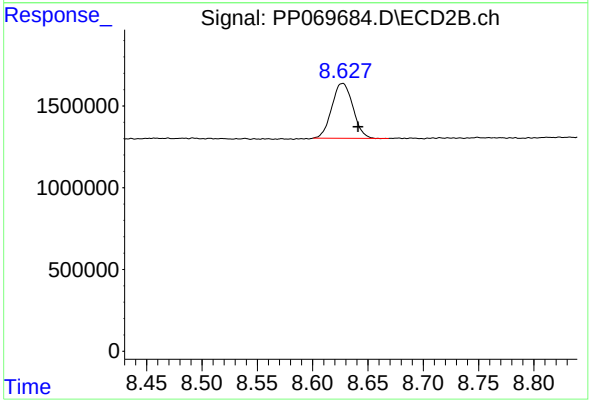
R.T.: 8.322 min
Delta R.T.: -0.013 min
Response: 16012583
Conc: 307.47 ng/ml



#45 AR-1268-5

R.T.: 9.917 min
Delta R.T.: -0.017 min
Response: 5213035
Conc: 13.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.627 min
Delta R.T.: -0.014 min
Response: 4463032
Conc: 12.53 ng/ml