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 : P5117

ATTENTION : Nathan Fretz

Laboratory Certification ID # 20012

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Cover Page

Order ID : P5117

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

Client : Weston Solutions

Lab Sample Number	Client Sample Number
P5117-01	TAPIAL3-SB04I-10-120324-00-T1
P5117-02	TAPIAL2-IDW-SOIL-120424-00-T2

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: 12/12/2024

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 # P5117
Test Name: PCB

A. Number of Samples and Date of Receipt:
2 Solid samples were received on 12/05/2024.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Anions Group1, Cyanide, Ignitability, Mercury, Metals ICP-TAL, METALS-TAL, PCB, pH, Sulfide, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction, TOC and TS. 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 met the requirements for all compounds .
The MSD recoveries met the acceptable requirements .
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 .

E. Additional Comments:
The not QT review data is reported in the Miscellaneous.

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

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F. Calculation for Concentration in Soil samples:

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

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

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

G. Manual Integration Comments:

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

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

Signature_____

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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: P5117 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 met the requirements for all compounds . The MSD recoveries met the acceptable requirements . 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 #: P5117

	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:** 12/12/2024

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LAB CHRONICLE

OrderID:	P5117	**OrderDate:**	12/5/2024 10:55:00 AM
Client:	Weston Solutions	**Project:**	Ft Meade Tipton Airfield Parcel RI - PO 0111169
Contact:	Nathan Fretz	**Location:**	L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5117-02	**TAPIAL2-IDW-SOIL-1 20424-00-T2**	**SOIL**			**12/05/24**			**12/05/24**
			PCB	8082A		12/06/24	12/06/24	

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Hit Summary Sheet
SW-846

SDG No.: P5117 **Order ID:** P5117

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

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Surrogate Summary

SDG No.: P5117

Client: Weston Solutions

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PP068360.D	PIBLK-PP068360.D	Tetrachloro-m-xylene	1	20	21.0	105		60	140
		Decachlorobiphenyl	1	20	23.4	117		60	140
		Tetrachloro-m-xylene	2	20	21.6	108		60	140
		Decachlorobiphenyl	2	20	23.6	118		60	140
I.BLK-PP068840.D	PIBLK-PP068840.D	Tetrachloro-m-xylene	1	20	20.0	100		60	140
		Decachlorobiphenyl	1	20	21.5	107		60	140
		Tetrachloro-m-xylene	2	20	20.8	104		60	140
		Decachlorobiphenyl	2	20	21.0	105		60	140
PB165421BL	PB165421BL	Tetrachloro-m-xylene	1	20	18.6	93		44	130
		Decachlorobiphenyl	1	20	19.6	98		60	125
		Tetrachloro-m-xylene	2	20	19.5	98		44	130
		Decachlorobiphenyl	2	20	19.7	98		60	125
PB165421BS	PB165421BS	Tetrachloro-m-xylene	1	20	19.6	98		44	130
		Decachlorobiphenyl	1	20	15.6	78		60	125
		Tetrachloro-m-xylene	2	20	20.3	102		44	130
		Decachlorobiphenyl	2	20	20.5	103		60	125
P5117-02	TAPIAL2-IDW-SOIL-120424-00-T2	Tetrachloro-m-xylene	1	20	21.0	105		44	130
		Decachlorobiphenyl	1	20	19.6	98		60	125
		Tetrachloro-m-xylene	2	20	22.0	110		44	130
		Decachlorobiphenyl	2	20	19.1	95		60	125
P5117-02MS	TAPIAL2-IDW-SOIL-120424-00-T2	Tetrachloro-m-xylene	1	20	20.7	103		44	130
		Decachlorobiphenyl	1	20	16.8	84		60	125
		Tetrachloro-m-xylene	2	20	19.9	100		44	130
		Decachlorobiphenyl	2	20	17.6	88		60	125
P5117-02MSD	TAPIAL2-IDW-SOIL-120424-00-T2	Tetrachloro-m-xylene	1	20	20.1	100		44	130
		Decachlorobiphenyl	1	20	17.1	85		60	125
		Tetrachloro-m-xylene	2	20	19.6	98		44	130
		Decachlorobiphenyl	2	20	17.3	87		60	125
I.BLK-PP068855.D	PIBLK-PP068855.D	Tetrachloro-m-xylene	1	20	21.4	107		60	140
		Decachlorobiphenyl	1	20	21.3	106		60	140
		Tetrachloro-m-xylene	2	20	20.5	103		60	140
		Decachlorobiphenyl	2	20	21.3	107		60	140

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P5117

Client: Weston Solutions

Analytical Method: 8082A **DataFile :** PP068845.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Client Sample ID:	**TAPIAL2-IDW-SOIL-120424-00-T2MS**											
P5117-02MS	AR1016	208.4	0	226	ug/kg	108				47	134	
	AR1260	208.4	0	207	ug/kg	99				53	140	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P5117

Client: Weston Solutions

Analytical Method: 8082A **DataFile :** PP068846.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:	**TAPIAL2-IDW-SOIL-120424-00-T2MSD**											
P5117-02MSD	AR1016	208.6	0	221	ug/kg	106		2		47	134	20
	AR1260	208.6	0	205	ug/kg	98		1		53	140	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5117

Client: Weston Solutions

Analytical Method: 8082A **Datafile :** PP068842.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB165421BS	AR1016	166.6	150	ug/kg	90				47	134	
	AR1260	166.6	135	ug/kg	81				53	140	

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165421BL

Lab Name: CHEMTECH Contract: WEST04

Lab Code: CHEM Case No.: P5117 SAS No.: P5117 SDG NO.: P5117

Lab Sample ID: PB165421BL Lab File ID: PP068841.D

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

Sulfur Cleanup: (Y/N) N Date Extracted: 12/06/2024

Date Analyzed (1): 12/06/2024 Date Analyzed (2): 12/06/2024

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

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
PB165421BS	PB165421BS	PP068842.D	12/06/2024	12/06/2024
TAPIAL2-IDW-SOIL-120424-00-T2	P5117-02	PP068844.D	12/06/2024	12/06/2024
TAPIAL2-IDW-SOIL-120424-00-T2MS	P5117-02MS	PP068845.D	12/06/2024	12/06/2024
TAPIAL2-IDW-SOIL-120424-00-T2MSD	P5117-02MSD	PP068846.D	12/06/2024	12/06/2024

COMMENTS:

SAMPLE DATA

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Report of Analysis

Client:	Weston Solutions	Date Collected:	12/05/24
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	12/05/24
Client Sample ID:	TAPIAL2-IDW-SOIL-120424-00-T2	SDG No.:	P5117
Lab Sample ID:	P5117-02	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	79.8 Decanted:
Sample Wt/Vol:	30.09 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
PP068844.D	1	12/06/24 08:25	12/06/24 13:58	PB165421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	10.4	U	4.20	10.4	21.2	ug/kg
11104-28-2	Aroclor-1221	16.2	U	8.00	16.2	21.2	ug/kg
11141-16-5	Aroclor-1232	16.2	U	4.20	16.2	21.2	ug/kg
53469-21-9	Aroclor-1242	10.4	U	4.20	10.4	21.2	ug/kg
12672-29-6	Aroclor-1248	16.2	U	9.90	16.2	21.2	ug/kg
11097-69-1	Aroclor-1254	16.2	U	3.40	16.2	21.2	ug/kg
37324-23-5	Aroclor-1262	10.4	U	5.70	10.4	21.2	ug/kg
11100-14-4	Aroclor-1268	16.2	U	4.30	16.2	21.2	ug/kg
11096-82-5	Aroclor-1260	10.4	U	3.60	10.4	21.2	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	22.0		44 - 130		110%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.6		60 - 125		98%	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\PP120624\
Data File : PP068844.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Dec 2024 13:58
Operator : YP\AJ
Sample : P5117-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TAPIAL2-IDW-SOIL-120424-00-T2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 22:56:57 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.759	4.048	20390506	21305104	21.008	22.003
2)	SA Decachlor...	10.677	9.201	24597215	21575712	19.655	19.074
	Target Compounds						

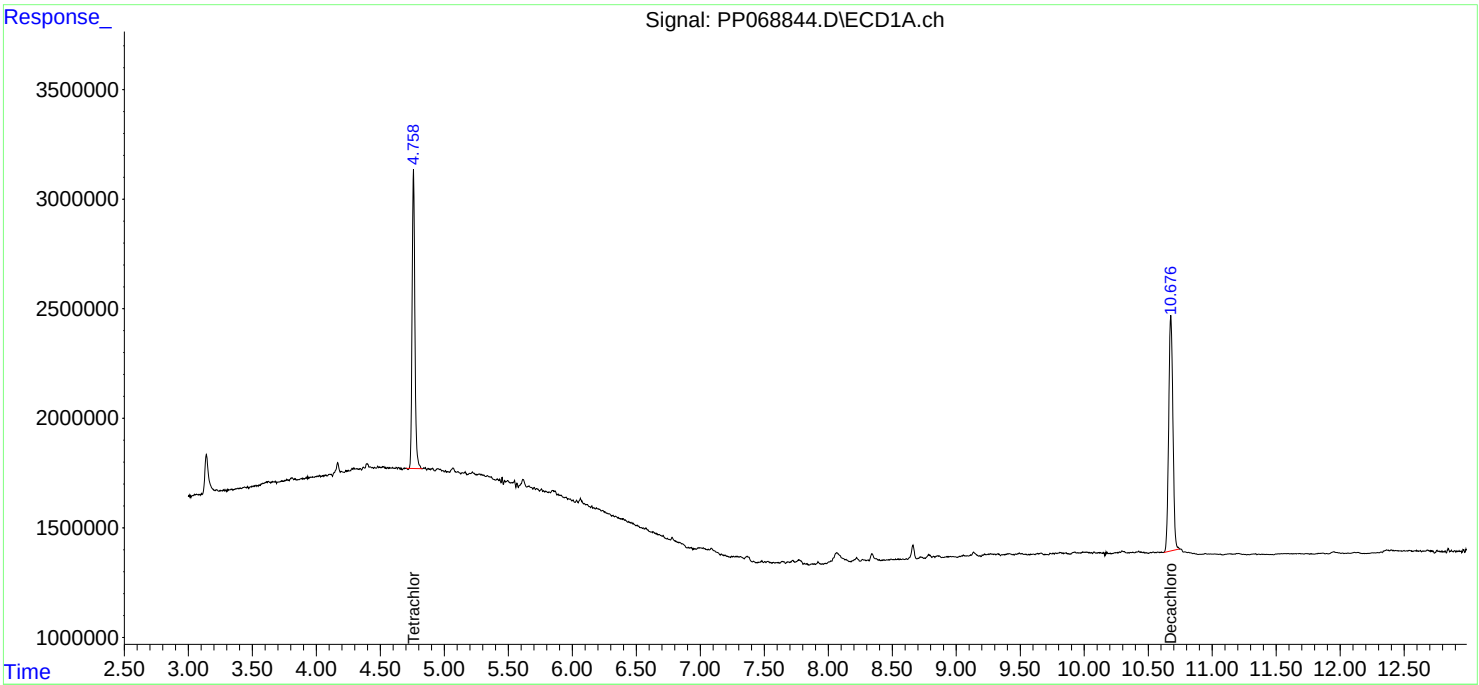
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

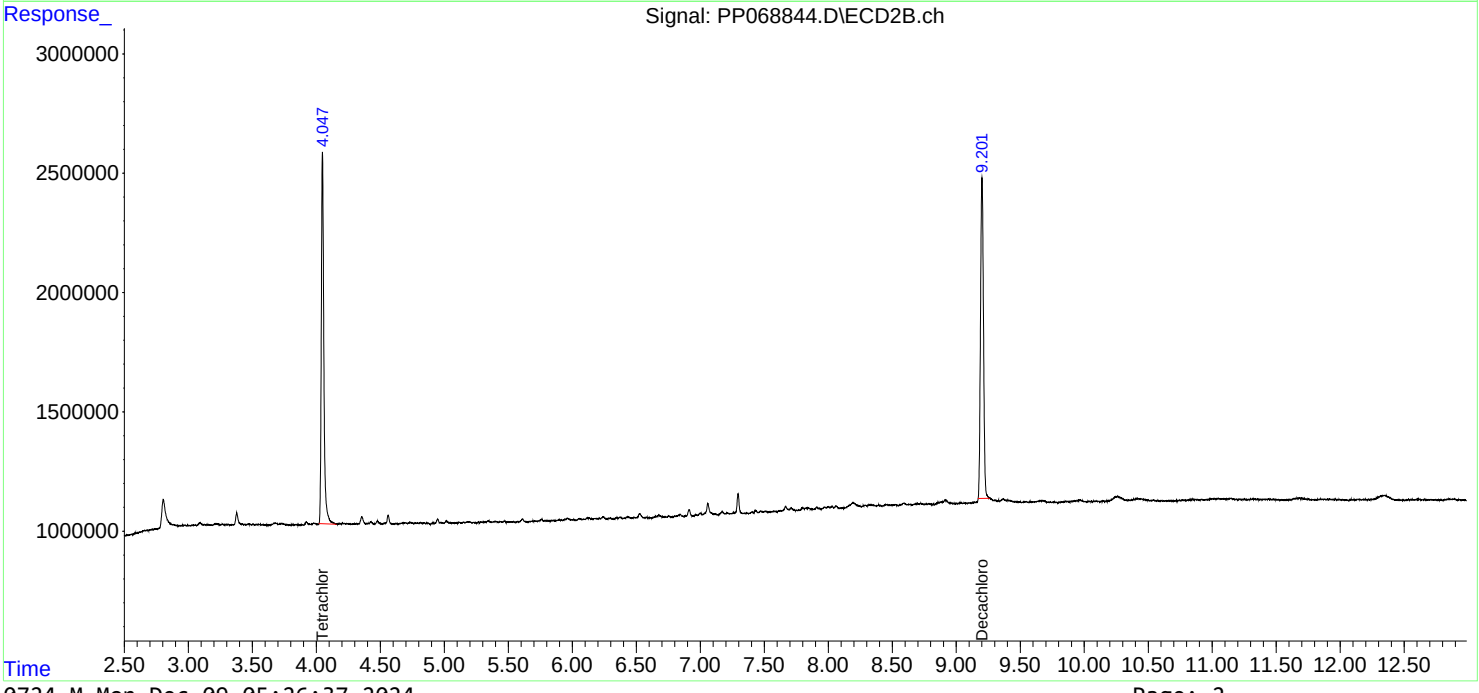
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120624\
Data File : PP068844.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Dec 2024 13:58
Operator : YP\AJ
Sample : P5117-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

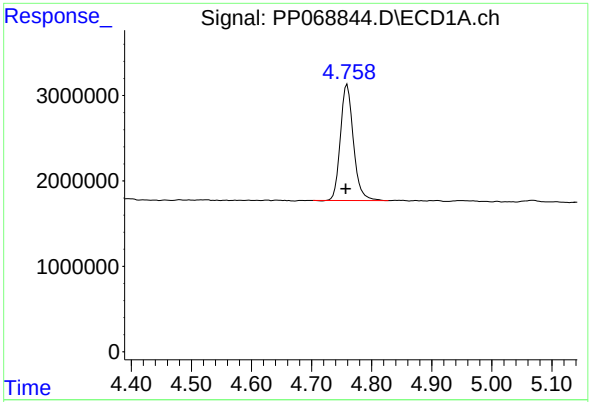
Instrument :
ECD_P
ClientSampleId :
TAPIAL2-IDW-SOIL-120424-00-T2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 22:56:57 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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



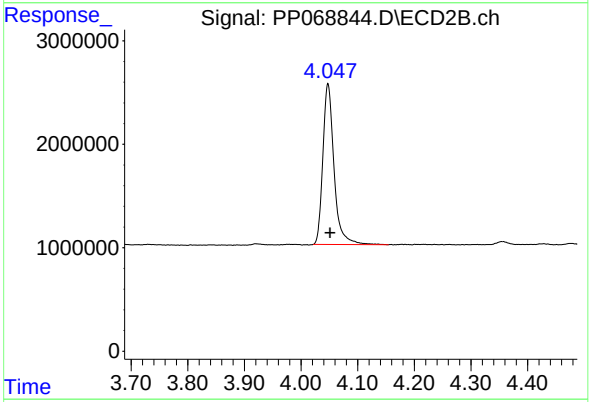




#1 Tetrachloro-m-xylene

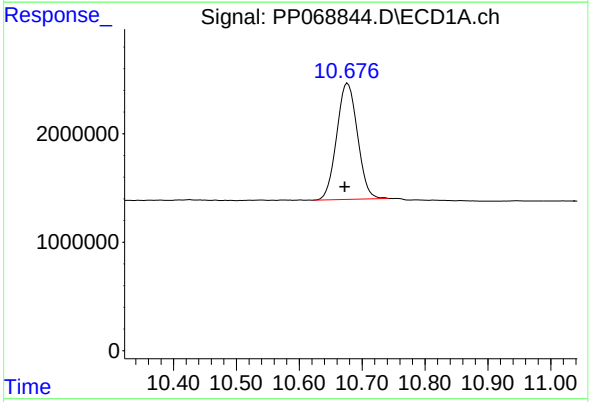
R.T.: 4.759 min
Delta R.T.: 0.002 min
Response: 20390506
Conc: 21.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
TAPIAL2-IDW-SOIL-120424-00-T2



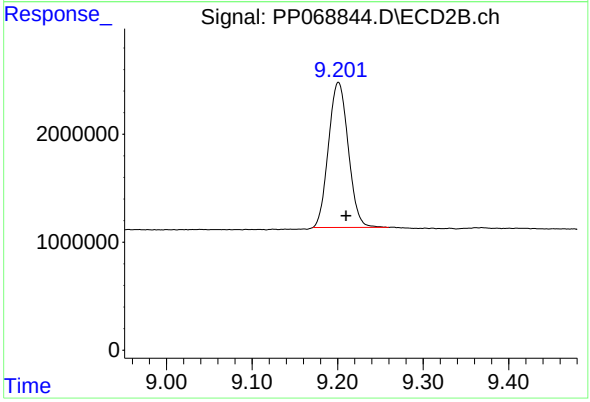
#1 Tetrachloro-m-xylene

R.T.: 4.048 min
Delta R.T.: -0.003 min
Response: 21305104
Conc: 22.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.677 min
Delta R.T.: 0.005 min
Response: 24597215
Conc: 19.65 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.201 min
Delta R.T.: -0.009 min
Response: 21575712
Conc: 19.07 ng/ml

CALIBRATION SUMMARY

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

RETENTION TIMES OF INITIAL CALIBRATION

Contract: WEST04

Lab Code: CHEM **Case No.:** P5117 **SAS No.:** P5117 **SDG NO.:** P5117

Instrument ID: ECD_P **Calibration Date(s):** 11/08/2024 11/08/2024

Calibration Times: 02:45 10:39

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

LAB FILE ID: RT 1000 = PP068361.D RT 750 = PP068362.D

RT 500 = PP068363.D RT 250 = PP068364.D RT 050 = PP068365.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.92	5.93	5.92	5.92	5.92	5.92	5.82	6.02
Aroclor-1016-2	(2)	5.94	5.95	5.94	5.95	5.94	5.95	5.85	6.05
Aroclor-1016-3	(3)	6.01	6.01	6.01	6.01	6.01	6.01	5.91	6.11
Aroclor-1016-4	(4)	6.11	6.11	6.11	6.11	6.10	6.11	6.01	6.21
Aroclor-1016-5	(5)	6.40	6.40	6.40	6.40	6.40	6.40	6.30	6.50
Aroclor-1260-1	(1)	7.52	7.53	7.52	7.52	7.52	7.52	7.42	7.62
Aroclor-1260-2	(2)	7.78	7.78	7.78	7.78	7.78	7.78	7.68	7.88
Aroclor-1260-3	(3)	8.14	8.14	8.14	8.14	8.14	8.14	8.04	8.24
Aroclor-1260-4	(4)	8.38	8.38	8.38	8.38	8.38	8.38	8.28	8.48
Aroclor-1260-5	(5)	8.72	8.72	8.71	8.72	8.71	8.72	8.62	8.82
Decachlorobiphenyl		10.67	10.68	10.67	10.68	10.67	10.67	10.57	10.77
Tetrachloro-m-xylene		4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1242-1	(1)	5.93	5.92	5.92	5.92	5.92	5.92	5.82	6.02
Aroclor-1242-2	(2)	5.95	5.94	5.95	5.94	5.95	5.95	5.85	6.05
Aroclor-1242-3	(3)	6.01	6.01	6.01	6.01	6.01	6.01	5.91	6.11
Aroclor-1242-4	(4)	6.11	6.11	6.11	6.11	6.11	6.11	6.01	6.21
Aroclor-1242-5	(5)	6.84	6.84	6.84	6.84	6.84	6.84	6.74	6.94
Decachlorobiphenyl		10.67	10.67	10.67	10.67	10.68	10.67	10.57	10.77
Tetrachloro-m-xylene		4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1248-1	(1)	5.92	5.93	5.92	5.92	5.92	5.92	5.82	6.02
Aroclor-1248-2	(2)	6.19	6.20	6.19	6.19	6.20	6.20	6.10	6.30
Aroclor-1248-3	(3)	6.40	6.40	6.40	6.40	6.40	6.40	6.30	6.50
Aroclor-1248-4	(4)	6.80	6.80	6.80	6.80	6.80	6.80	6.70	6.90
Aroclor-1248-5	(5)	6.84	6.84	6.84	6.84	6.84	6.84	6.74	6.94
Decachlorobiphenyl		10.67	10.68	10.67	10.67	10.67	10.67	10.57	10.77
Tetrachloro-m-xylene		4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1254-1	(1)	6.77	6.78	6.78	6.77	6.77	6.78	6.68	6.88
Aroclor-1254-2	(2)	6.99	7.00	7.00	6.99	6.99	6.99	6.89	7.09
Aroclor-1254-3	(3)	7.36	7.36	7.36	7.36	7.36	7.36	7.26	7.46
Aroclor-1254-4	(4)	7.64	7.64	7.64	7.64	7.64	7.64	7.54	7.74
Aroclor-1254-5	(5)	8.06	8.06	8.06	8.06	8.06	8.06	7.96	8.16
Decachlorobiphenyl		10.67	10.67	10.67	10.67	10.67	10.67	10.57	10.77
Tetrachloro-m-xylene		4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1268-1	(1)	9.05	9.05	9.05	9.05	9.05	9.05	8.95	9.15
Aroclor-1268-2	(2)	9.15	9.15	9.15	9.15	9.15	9.15	9.05	9.25
Aroclor-1268-3	(3)	9.40	9.40	9.40	9.40	9.40	9.40	9.30	9.50
Aroclor-1268-4	(4)	9.84	9.85	9.85	9.85	9.84	9.85	9.75	9.95
Aroclor-1268-5	(5)	10.29	10.30	10.30	10.30	10.30	10.30	10.20	10.40

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.67	10.67	10.67	10.67	10.67	10.67	10.57	10.77
Tetrachloro-m-xylene	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: WEST04

Lab Code: CHEM **Case No.:** P5117 **SAS No.:** P5117 **SDG NO.:** P5117

Instrument ID: ECD_P **Calibration Date(s):** 11/08/2024 11/08/2024

Calibration Times: 02:45 10:39

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

LAB FILE ID: RT 1000 = PP068361.D RT 750 = PP068362.D

RT 500 = PP068363.D RT 250 = PP068364.D RT 050 = PP068365.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.16	5.16	5.16	5.16	5.16	5.16	5.06	5.26
Aroclor-1016-2	(2)	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
Aroclor-1016-3	(3)	5.36	5.36	5.36	5.36	5.36	5.36	5.26	5.46
Aroclor-1016-4	(4)	5.40	5.40	5.40	5.40	5.40	5.40	5.30	5.50
Aroclor-1016-5	(5)	5.62	5.62	5.62	5.62	5.62	5.62	5.52	5.72
Aroclor-1260-1	(1)	6.66	6.66	6.66	6.66	6.66	6.66	6.56	6.76
Aroclor-1260-2	(2)	6.85	6.85	6.85	6.85	6.85	6.85	6.75	6.95
Aroclor-1260-3	(3)	7.01	7.01	7.01	7.00	7.00	7.01	6.91	7.11
Aroclor-1260-4	(4)	7.48	7.48	7.48	7.48	7.48	7.48	7.38	7.58
Aroclor-1260-5	(5)	7.72	7.72	7.72	7.72	7.72	7.72	7.62	7.82
Decachlorobiphenyl		9.21	9.21	9.21	9.21	9.21	9.21	9.11	9.31
Tetrachloro-m-xylene		4.05	4.05	4.05	4.05	4.05	4.05	3.95	4.15
Aroclor-1242-1	(1)	5.16	5.16	5.16	5.16	5.16	5.16	5.06	5.26
Aroclor-1242-2	(2)	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
Aroclor-1242-3	(3)	5.36	5.36	5.36	5.36	5.36	5.36	5.26	5.46
Aroclor-1242-4	(4)	5.44	5.44	5.44	5.44	5.44	5.44	5.34	5.54
Aroclor-1242-5	(5)	5.97	5.97	5.97	5.97	5.97	5.97	5.87	6.07
Decachlorobiphenyl		9.21	9.21	9.21	9.21	9.21	9.21	9.11	9.31
Tetrachloro-m-xylene		4.05	4.05	4.05	4.05	4.05	4.05	3.95	4.15
Aroclor-1248-1	(1)	5.16	5.16	5.16	5.16	5.16	5.16	5.06	5.26
Aroclor-1248-2	(2)	5.40	5.40	5.40	5.40	5.40	5.40	5.30	5.50
Aroclor-1248-3	(3)	5.44	5.44	5.44	5.44	5.44	5.44	5.34	5.54
Aroclor-1248-4	(4)	5.62	5.62	5.62	5.62	5.62	5.62	5.52	5.72
Aroclor-1248-5	(5)	6.02	6.01	6.01	6.01	6.01	6.01	5.91	6.11
Decachlorobiphenyl		9.21	9.21	9.21	9.21	9.21	9.21	9.11	9.31
Tetrachloro-m-xylene		4.05	4.05	4.05	4.05	4.05	4.05	3.95	4.15
Aroclor-1254-1	(1)	5.97	5.97	5.97	5.97	5.97	5.97	5.87	6.07
Aroclor-1254-2	(2)	6.12	6.12	6.12	6.12	6.12	6.12	6.02	6.22
Aroclor-1254-3	(3)	6.53	6.53	6.53	6.53	6.53	6.53	6.43	6.63
Aroclor-1254-4	(4)	6.76	6.76	6.76	6.76	6.76	6.76	6.66	6.86
Aroclor-1254-5	(5)	7.18	7.18	7.18	7.18	7.18	7.18	7.08	7.28
Decachlorobiphenyl		9.21	9.21	9.21	9.21	9.21	9.21	9.11	9.31
Tetrachloro-m-xylene		4.05	4.05	4.05	4.05	4.05	4.05	3.95	4.15
Aroclor-1268-1	(1)	8.00	8.00	8.00	8.00	8.00	8.00	7.90	8.10
Aroclor-1268-2	(2)	8.07	8.07	8.07	8.07	8.07	8.07	7.97	8.17
Aroclor-1268-3	(3)	8.29	8.29	8.29	8.28	8.29	8.29	8.19	8.39
Aroclor-1268-4	(4)	8.59	8.59	8.59	8.59	8.59	8.59	8.49	8.69
Aroclor-1268-5	(5)	8.92	8.92	8.92	8.92	8.92	8.92	8.82	9.02

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	9.21	9.21	9.21	9.21	9.21	9.21	9.11	9.31
Tetrachloro-m-xylene	4.05	4.05	4.05	4.05	4.05	4.05	3.95	4.15

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: WEST04

Lab Code: CHEM **Case No.:** P5117 **SAS No.:** P5117 **SDG NO.:** P5117

Instrument ID: ECD_P **Calibration Date(s):** 11/08/2024 11/08/2024

Calibration Times: 02:45 10:39

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

LAB FILE ID: **CF 1000 =** PP068361.D **CF 750 =** PP068362.D

CF 500 = PP068363.D **CF 250 =** PP068364.D **CF 050 =** PP068365.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	32722878	32987127	36694544	38565352	38710580	35936096	8
Aroclor-1016-2	(2)	49685960	49794715	54179380	56028812	55062580	52950289	6
Aroclor-1016-3	(3)	31039806	31308951	31477564	35261268	36454940	33108506	8
Aroclor-1016-4	(4)	25063539	25553636	26008648	27599052	27185460	26282067	4
Aroclor-1016-5	(5)	26884732	25863024	29532330	29666960	29092940	28207997	6
Aroclor-1260-1	(1)	49214333	49857676	55068012	59485260	56895620	54104180	8
Aroclor-1260-2	(2)	58512720	58794644	61905312	70175200	68666580	63610891	9
Aroclor-1260-3	(3)	49867434	49696453	52919146	61783152	54693800	53791997	9
Aroclor-1260-4	(4)	58030307	58392116	61219352	66884816	66613400	62227998	7
Aroclor-1260-5	(5)	110582405	105927285	110379288	122419072	116614180	113184446	6
Decachlorobiphenyl		1148744080	1179137973	1231906520	1372184000	1325426000	1251479715	8
Tetrachloro-m-xylene		976730760	989539880	977459580	1014058520	895270000	970611748	5
Aroclor-1242-1	(1)	27983462	28943796	29856910	31981108	30602220	29873499	5
Aroclor-1242-2	(2)	42123278	43550552	43993198	46167728	44675600	44102071	3
Aroclor-1242-3	(3)	26373595	27535909	27652176	30639224	27091300	27858441	6
Aroclor-1242-4	(4)	21517643	22331261	22041924	22696804	20812240	21879974	3
Aroclor-1242-5	(5)	23574356	24961212	24214552	25605828	23046100	24280410	4
Decachlorobiphenyl		1136957280	1191065427	1253556200	1358666560	1321692600	1252387613	7
Tetrachloro-m-xylene		992458220	982684227	997132340	1047919280	945647800	993168373	4
Aroclor-1248-1	(1)	21167087	22295227	23730874	24762524	20866540	22564450	7
Aroclor-1248-2	(2)	31519452	32630243	34719948	35861524	33321940	33610621	5
Aroclor-1248-3	(3)	34960996	35667725	37475430	40578268	33895940	36515672	7
Aroclor-1248-4	(4)	40590754	42179399	43079186	47529360	40549640	42785668	7
Aroclor-1248-5	(5)	41079234	41993397	42275646	47274032	35073820	41539226	10
Decachlorobiphenyl		1161914410	1206078453	1287629180	1388690560	1317466800	1272355881	7
Tetrachloro-m-xylene		965301010	976063867	1045296820	1022231200	905772600	982933099	6
Aroclor-1254-1	(1)	45656926	46370784	48591708	55398616	63414000	51886407	14
Aroclor-1254-2	(2)	61419018	62089981	65367616	73235084	79075760	68237492	11
Aroclor-1254-3	(3)	65006662	66406433	68483584	76667348	80726040	71458013	10
Aroclor-1254-4	(4)	47495422	48750441	50445040	59112016	63268560	53814296	13
Aroclor-1254-5	(5)	57629379	58072741	61204598	69375440	67051440	62666720	8
Decachlorobiphenyl		1183925920	1211314307	1284210900	1390837600	1376990800	1289455905	7
Tetrachloro-m-xylene		989066910	975183547	996076320	1021088560	988613200	994005707	2
Aroclor-1268-1	(1)	148554696	149057943	156954174	165835368	151067220	154293880	5

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	135127060	135811816	143719574	151054592	134221840	139986976	5
Aroclor-1268-3	(3)	121067798	121993447	126378426	137822256	120978560	125648097	6
Aroclor-1268-4	(4)	55813556	54500479	57743018	60592344	38533680	53436615	16
Aroclor-1268-5	(5)	385860144	385976919	400737274	424727304	387529100	396966148	4
Decachlorobiphenyl		1949212650	1956251560	2086617000	2251184600	2062984000	2061249962	6
Tetrachloro-m-xylene		999802000	981646360	1047559160	988642360	831404200	969810816	8

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: WEST04

Lab Code: CHEM **Case No.:** P5117 **SAS No.:** P5117 **SDG NO.:** P5117

Instrument ID: ECD_P **Calibration Date(s):** 11/08/2024 11/08/2024

Calibration Times: 02:45 10:39

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

LAB FILE ID: **CF 1000 =** PP068361.D **CF 750 =** PP068362.D

CF 500 = PP068363.D **CF 250 =** PP068364.D **CF 050 =** PP068365.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	28675269	31688729	32908702	36316968	35645980	33047130	9
Aroclor-1016-2	(2)	45372737	44532471	46481004	50131748	47195120	46742616	5
Aroclor-1016-3	(3)	25581263	25572389	25828308	29036828	29182360	27040230	7
Aroclor-1016-4	(4)	22022727	22558800	23000164	24742976	25650260	23594985	7
Aroclor-1016-5	(5)	28396741	28558155	29494206	33716108	28045580	29642158	8
Aroclor-1260-1	(1)	50792238	51496668	53738098	60629720	61588060	55648957	9
Aroclor-1260-2	(2)	59992941	60241951	64329398	71848292	74766160	66235748	10
Aroclor-1260-3	(3)	57127224	57366085	59805332	69966764	65191800	61891441	9
Aroclor-1260-4	(4)	50380547	50692913	52887170	57961512	51762800	52736988	6
Aroclor-1260-5	(5)	115281087	113974237	117997240	127736412	120391040	119076003	5
Decachlorobiphenyl		1067011790	1067726547	1123064240	1231914520	1166184600	1131180339	6
Tetrachloro-m-xylene		972289500	961505133	979740920	1035015200	892893600	968288871	5
Aroclor-1242-1	(1)	26036404	26596448	27385734	29619468	29310780	27789767	6
Aroclor-1242-2	(2)	36827504	37452539	38777442	41146472	38921400	38625071	4
Aroclor-1242-3	(3)	20664122	20558137	21869512	21695856	21612620	21280049	3
Aroclor-1242-4	(4)	21373603	21814177	23240642	23847296	23692700	22793684	5
Aroclor-1242-5	(5)	25609316	26872617	27207498	29810676	27756660	27451353	6
Decachlorobiphenyl		1071389140	1064856587	1152041260	1195523280	1288478000	1154457653	8
Tetrachloro-m-xylene		966238420	972029747	979866540	1033639640	930236800	976402229	4
Aroclor-1248-1	(1)	20444534	20222528	22256466	23287920	23025760	21847442	7
Aroclor-1248-2	(2)	29533815	29661357	32274092	34842920	33533080	31969053	7
Aroclor-1248-3	(3)	30992675	31236121	33896722	36614136	34801320	33508195	7
Aroclor-1248-4	(4)	36032257	36205659	39041408	42885656	39979000	38828796	7
Aroclor-1248-5	(5)	34550039	34918980	36548116	40687028	38637220	37068277	7
Decachlorobiphenyl		1075259530	1103159067	1175200200	1246394680	1231284200	1166259535	7
Tetrachloro-m-xylene		950224170	961311800	990959620	1038390440	915281600	971233526	5
Aroclor-1254-1	(1)	54665587	57402907	60611942	70904972	59624080	60641898	10
Aroclor-1254-2	(2)	47820782	49399019	52999540	61073956	52383280	52735315	10
Aroclor-1254-3	(3)	78076384	79594720	83715772	92115228	82804080	83261237	7
Aroclor-1254-4	(4)	45870471	47148891	49237464	53498856	47382280	48627592	6
Aroclor-1254-5	(5)	70292397	70911040	73701438	76415732	81847640	74633649	6
Decachlorobiphenyl		1101361650	1125516760	1206565780	1266510680	1278915800	1195774134	7
Tetrachloro-m-xylene		981660810	970989867	1008018320	1038763400	859285200	971743519	7
Aroclor-1268-1	(1)	151267885	153313264	156262812	163758576	154047820	155730071	3

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Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	137742491	139526981	142805908	148619888	139099220	141558898	3
Aroclor-1268-3	(3)	120301473	122381172	125911066	131464304	122515640	124514731	4
Aroclor-1268-4	(4)	53869021	55184383	57264704	57620508	49083040	54604331	6
Aroclor-1268-5	(5)	373667244	376833208	381941254	387550036	362884280	376575204	2
Decachlorobiphenyl		1822479100	1863575213	1915658760	2051852880	2001053000	1930923791	5
Tetrachloro-m-xylene		973469740	966812560	1002294360	1022455760	875332800	968073044	6

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.:** P5117 **SAS No.:** P5117 **SDG NO.:** P5117

Instrument ID: ECD_P **Date(s) Analyzed:** 11/08/2024 11/08/2024

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	4.96	4.86	5.06	13562200
		2	5.05	4.95	5.15	10085600
		3	5.13	5.03	5.23	30259800
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	5.12	5.02	5.22	23319600
		2	5.66	5.56	5.76	14954700
		3	5.94	5.84	6.04	25054000
		4	6.11	6.01	6.21	12378200
		5	6.19	6.09	6.29	9944800
Aroclor-1262	500	1	8.38	8.28	8.48	74132800
		2	8.71	8.61	8.81	128999000
		3	9.05	8.95	9.15	95681000
		4	9.15	9.05	9.25	76386800
		5	9.85	9.75	9.95	53482800

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.:** P5117 **SAS No.:** P5117 **SDG NO.:** P5117

Instrument ID: ECD_P **Date(s) Analyzed:** 11/08/2024 11/08/2024

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	4.27	4.17	4.37	12610400
		2	4.35	4.25	4.45	9772940
		3	4.43	4.33	4.53	30490800
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.43	4.33	4.53	23601600
		2	5.18	5.08	5.28	21785200
		3	5.36	5.26	5.46	11210600
		4	5.44	5.34	5.54	10956500
		5	5.62	5.52	5.72	12320000
Aroclor-1262	500	1	7.21	7.11	7.31	77596600
		2	7.48	7.38	7.58	70694600
		3	8.00	7.90	8.10	58847400
		4	8.06	7.96	8.16	103602000
		5	8.59	8.49	8.69	50691400

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068361.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 02:45
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 04:09:10 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 04:05:53 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.758	4.052	97673076	97228950	99.925	99.239
2)	SA Decachlor...	10.673	9.212	114.9E6	106.7E6	93.249	95.009
	Target Compounds						
3)	L1 AR-1016-1	5.923	5.159	32722878	28675269	891.764	871.358m
4)	L1 AR-1016-2	5.944	5.179	49685960	45372737	917.064	976.157m
5)	L1 AR-1016-3	6.008	5.360	31039806	25581263	986.093	990.435
6)	L1 AR-1016-4	6.106	5.399	25063539	22022727	963.662	957.503
7)	L1 AR-1016-5	6.401	5.618	26884732	28396741	910.349	962.790
31)	L7 AR-1260-1	7.524	6.661	49214333	50792238	893.701	945.181
32)	L7 AR-1260-2	7.777	6.848	58512720	59992941	945.197	932.590
33)	L7 AR-1260-3	8.138	7.005	49867434	57127224	942.333	955.220
34)	L7 AR-1260-4	8.376	7.479	58030307	50380547	947.908	952.604
35)	L7 AR-1260-5	8.715	7.718	110.6E6	115.3E6	1001.840	976.981

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068361.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 02:45
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

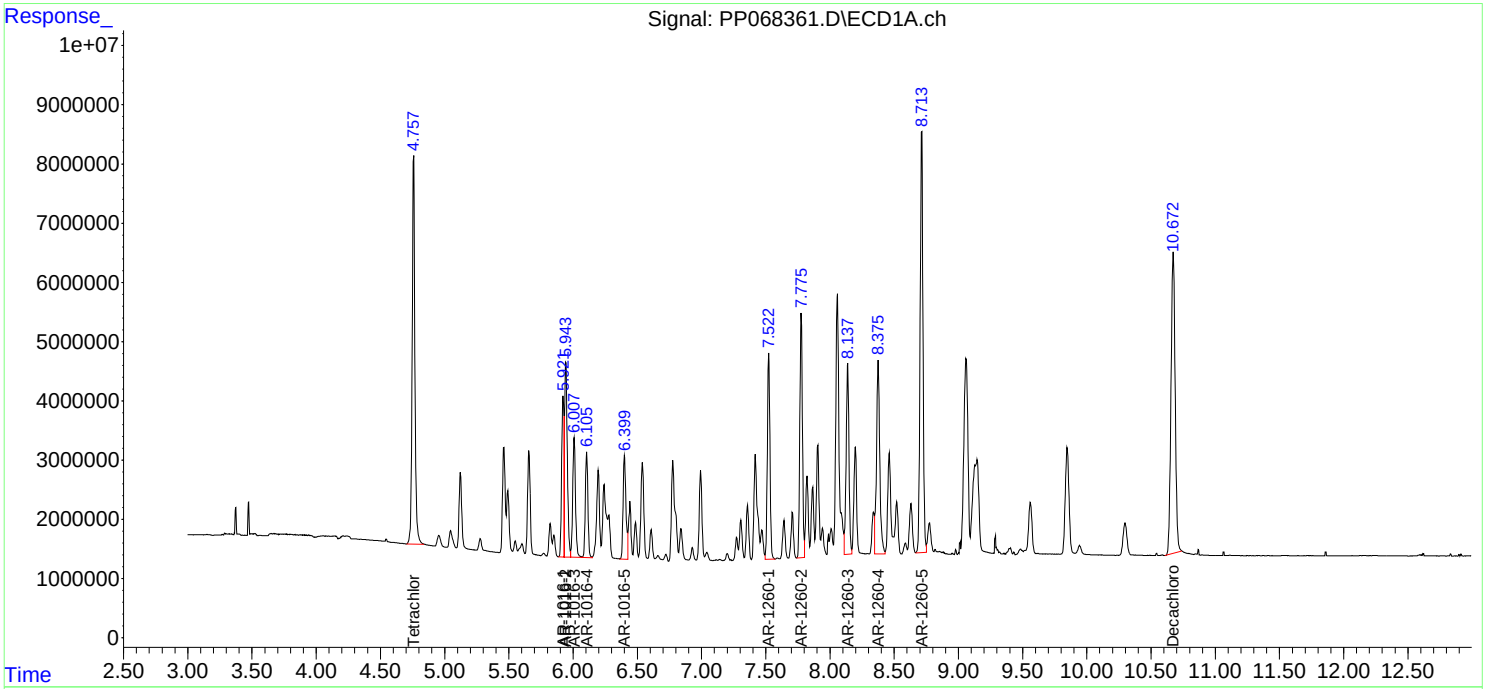
Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

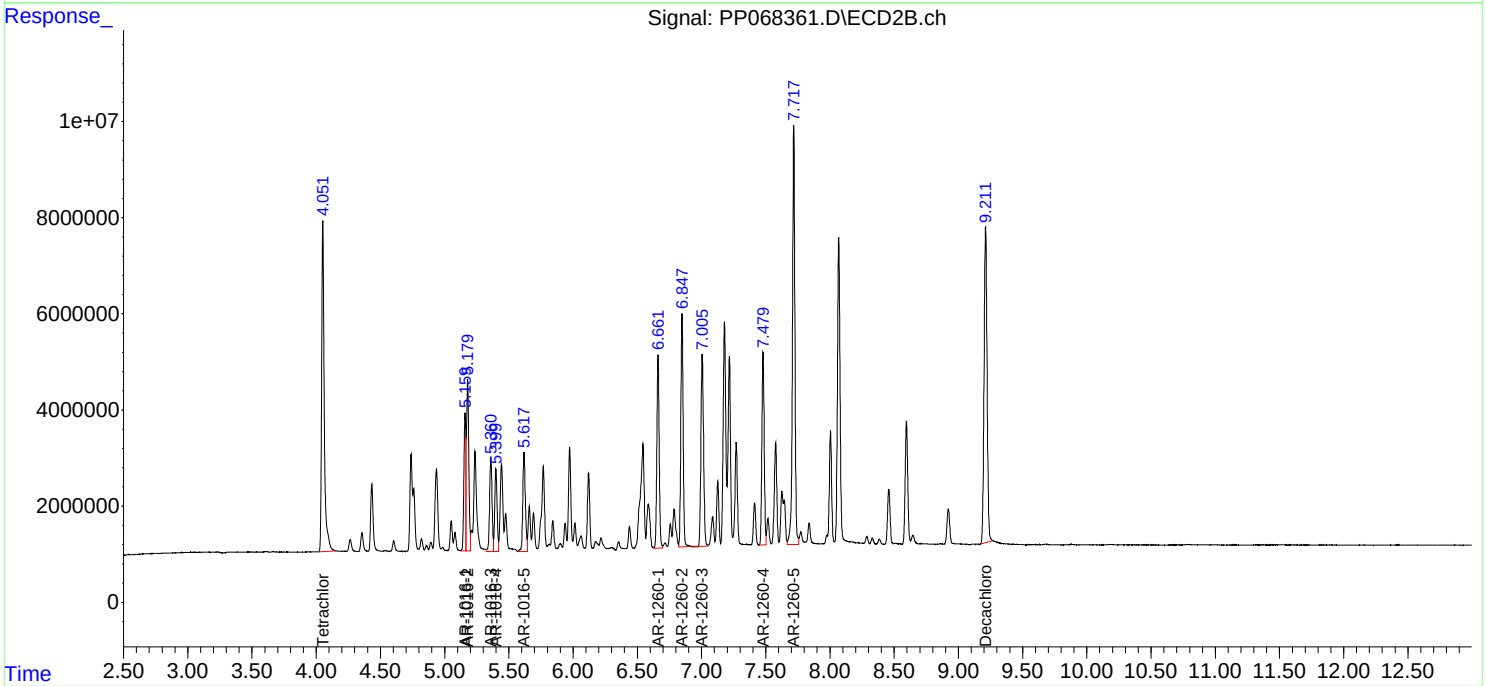
Manual Integrations APPROVED

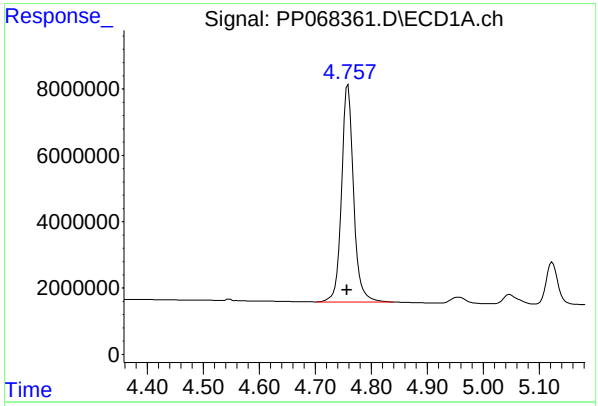
Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 04:09:10 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 04:05:53 2024
Response via : Initial Calibration
Integrator: ChemStation

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







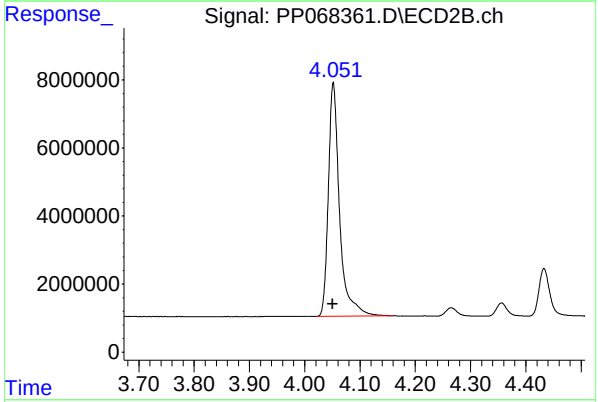
#1 Tetrachloro-m-xylene

R.T.: 4.758 min
Delta R.T.: 0.001 min
Response: 97673076
Conc: 99.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

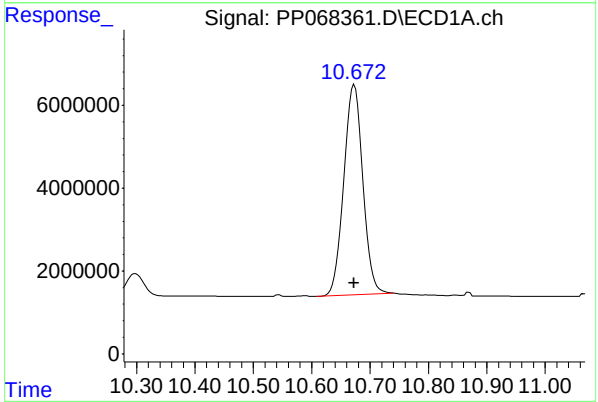
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



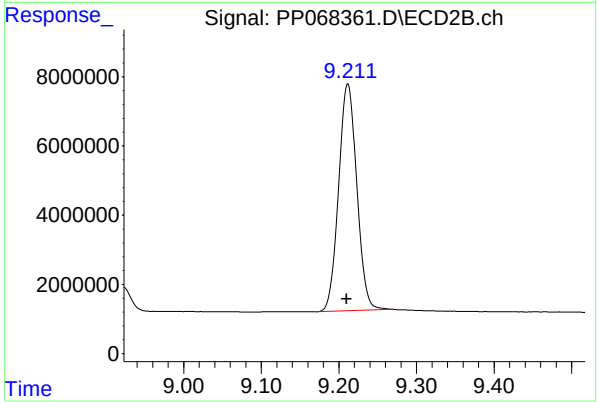
#1 Tetrachloro-m-xylene

R.T.: 4.052 min
Delta R.T.: 0.000 min
Response: 97228950
Conc: 99.24 ng/ml



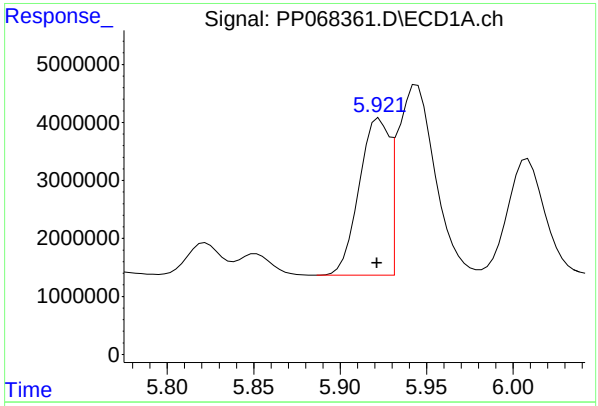
#2 Decachlorobiphenyl

R.T.: 10.673 min
Delta R.T.: 0.000 min
Response: 114874408
Conc: 93.25 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.212 min
Delta R.T.: 0.002 min
Response: 106701179
Conc: 95.01 ng/ml



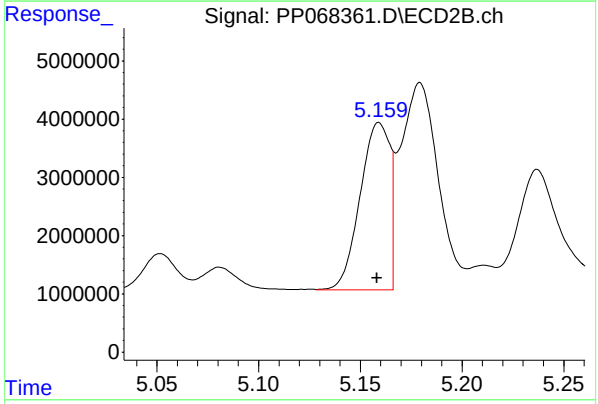
#3 AR-1016-1

R.T.: 5.923 min
Delta R.T.: 0.001 mi
Response: 32722878
Conc: 891.76 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

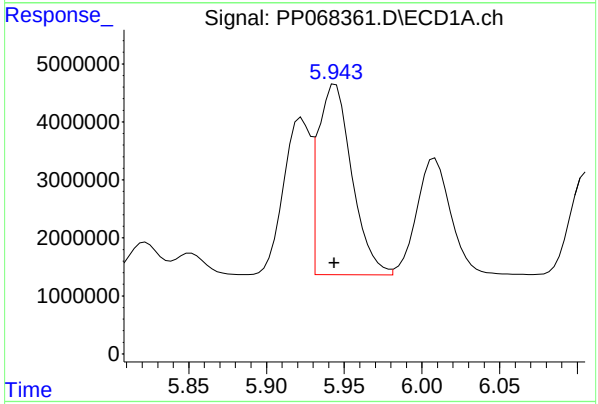
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



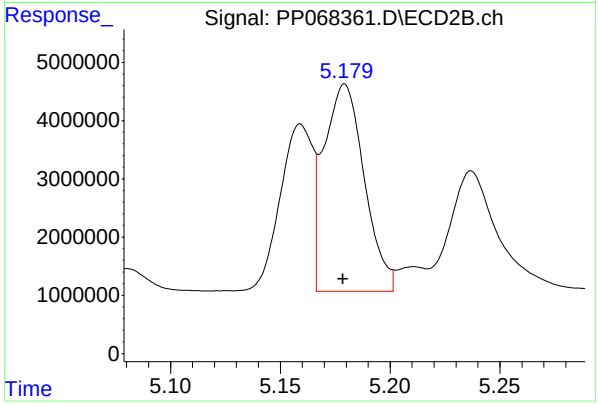
#3 AR-1016-1

R.T.: 5.159 min
Delta R.T.: 0.000 min
Response: 28675269
Conc: 871.36 ng/ml m



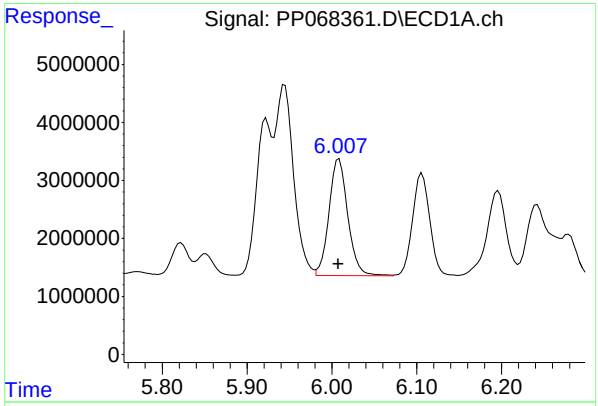
#4 AR-1016-2

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 49685960
Conc: 917.06 ng/ml



#4 AR-1016-2

R.T.: 5.179 min
Delta R.T.: 0.000 min
Response: 45372737
Conc: 976.16 ng/ml m



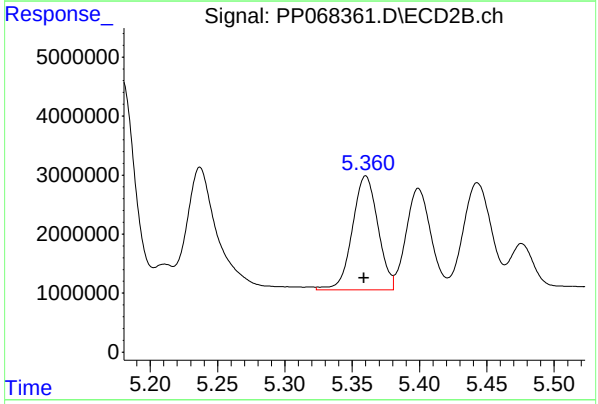
#5 AR-1016-3

R.T.: 6.008 min
Delta R.T.: 0.000 min
Response: 31039806
Conc: 986.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

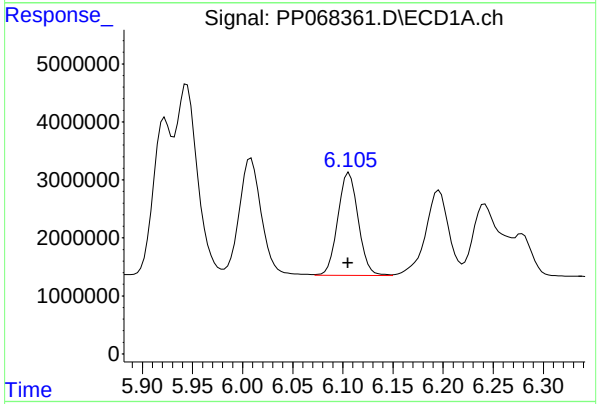
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



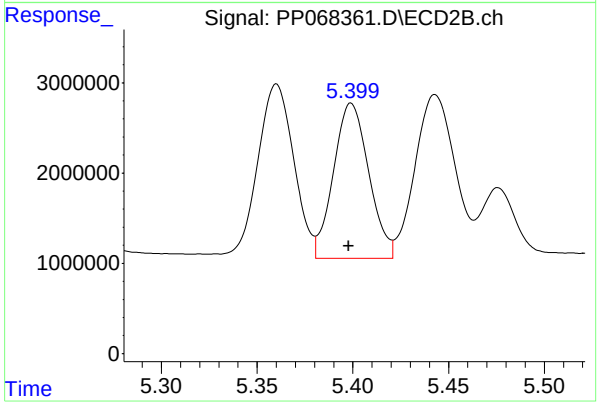
#5 AR-1016-3

R.T.: 5.360 min
Delta R.T.: 0.001 min
Response: 25581263
Conc: 990.44 ng/ml



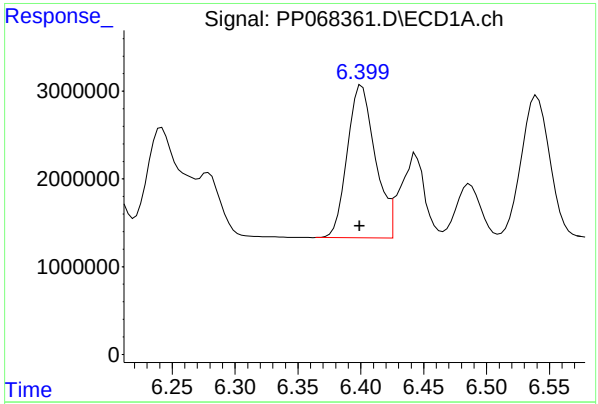
#6 AR-1016-4

R.T.: 6.106 min
Delta R.T.: 0.000 min
Response: 25063539
Conc: 963.66 ng/ml



#6 AR-1016-4

R.T.: 5.399 min
Delta R.T.: 0.001 min
Response: 22022727
Conc: 957.50 ng/ml



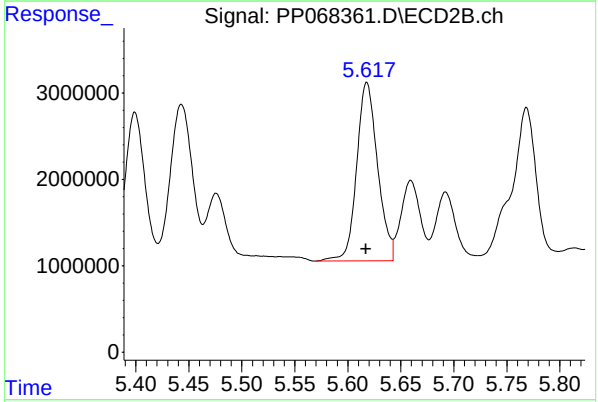
#7 AR-1016-5

R.T.: 6.401 min
Delta R.T.: 0.002 min
Response: 26884732
Conc: 910.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

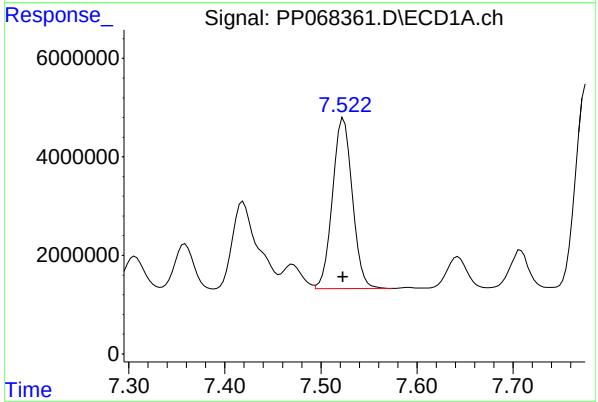
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



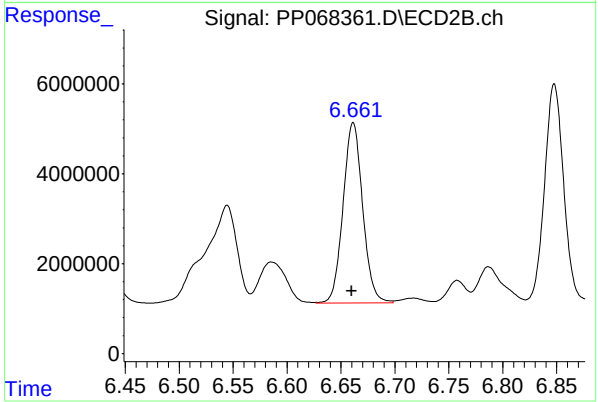
#7 AR-1016-5

R.T.: 5.618 min
Delta R.T.: 0.001 min
Response: 28396741
Conc: 962.79 ng/ml



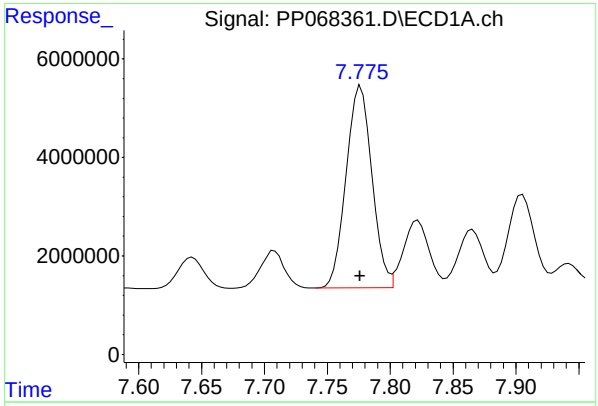
#31 AR-1260-1

R.T.: 7.524 min
Delta R.T.: 0.000 min
Response: 49214333
Conc: 893.70 ng/ml



#31 AR-1260-1

R.T.: 6.661 min
Delta R.T.: 0.001 min
Response: 50792238
Conc: 945.18 ng/ml



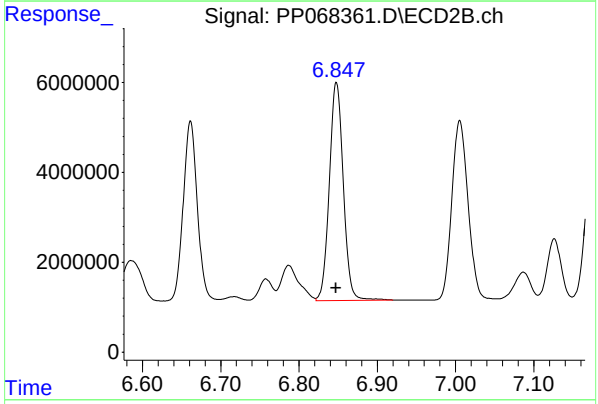
#32 AR-1260-2

R.T.: 7.777 min
Delta R.T.: 0.000 min
Response: 58512720
Conc: 945.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

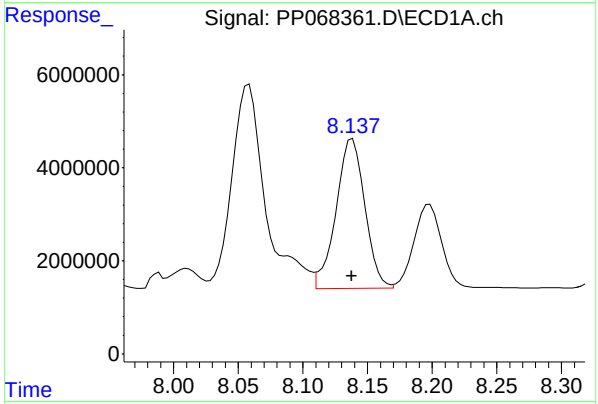
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



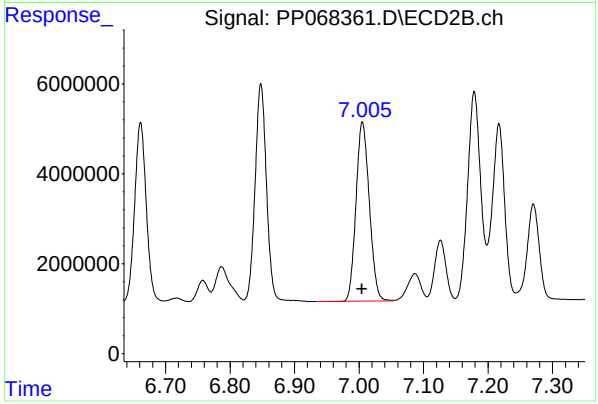
#32 AR-1260-2

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 59992941
Conc: 932.59 ng/ml



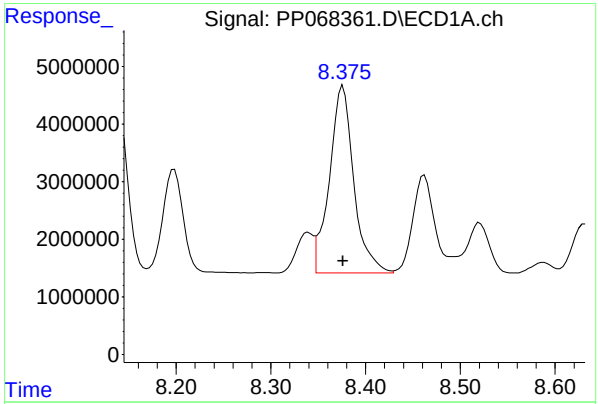
#33 AR-1260-3

R.T.: 8.138 min
Delta R.T.: 0.000 min
Response: 49867434
Conc: 942.33 ng/ml



#33 AR-1260-3

R.T.: 7.005 min
Delta R.T.: 0.000 min
Response: 57127224
Conc: 955.22 ng/ml



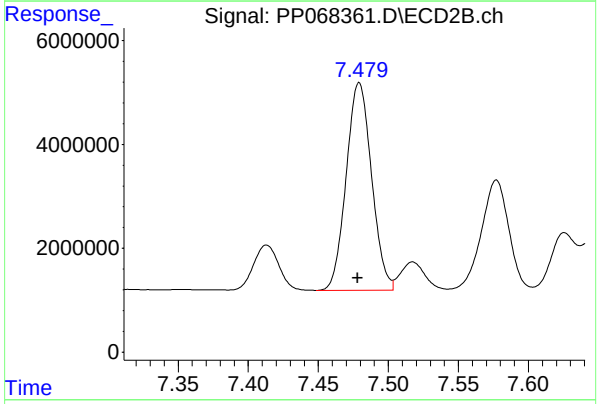
#34 AR-1260-4

R.T.: 8.376 min
Delta R.T.: 0.000 min
Response: 58030307
Conc: 947.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

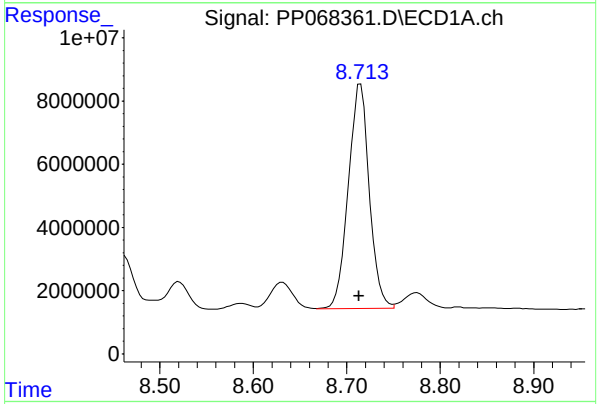
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



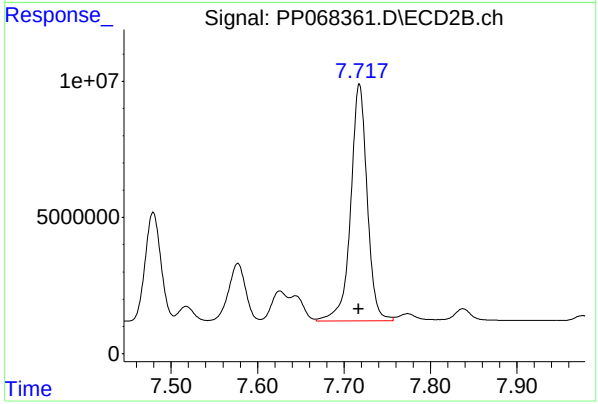
#34 AR-1260-4

R.T.: 7.479 min
Delta R.T.: 0.001 min
Response: 50380547
Conc: 952.60 ng/ml



#35 AR-1260-5

R.T.: 8.715 min
Delta R.T.: 0.002 min
Response: 110582405
Conc: 1001.84 ng/ml



#35 AR-1260-5

R.T.: 7.718 min
Delta R.T.: 0.000 min
Response: 115281087
Conc: 976.98 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068362.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 03:02
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: Nov 08 04:09:33 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 04:05:53 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound		RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds							
1)	SA	Tetrachlo...	4.761	4.051	74215491	72112885	75.927	73.604
2)	SA	Decachlor...	10.676	9.210	88435348	80079491	71.787	71.304
	Target Compounds							
3)	L1	AR-1016-1	5.926	5.158	24740345	23766547	674.224	722.196
4)	L1	AR-1016-2	5.948	5.178	37346036	33399353	689.304	718.559
5)	L1	AR-1016-3	6.011	5.359	23481713	19179292	745.983	742.569
6)	L1	AR-1016-4	6.110	5.398	19165227	16919100	736.879	735.608
7)	L1	AR-1016-5	6.404	5.617	19397268	21418616	656.815	726.197
31)	L7	AR-1260-1	7.527	6.660	37393257	38622501	679.038	718.717
32)	L7	AR-1260-2	7.780	6.847	44095983	45181463	712.313	702.345
33)	L7	AR-1260-3	8.142	7.005	37272340	43024564	704.326	719.410
34)	L7	AR-1260-4	8.380	7.479	43794087	38019685	715.363	718.883
35)	L7	AR-1260-5	8.717	7.717	79445464	85480678	719.750	724.429

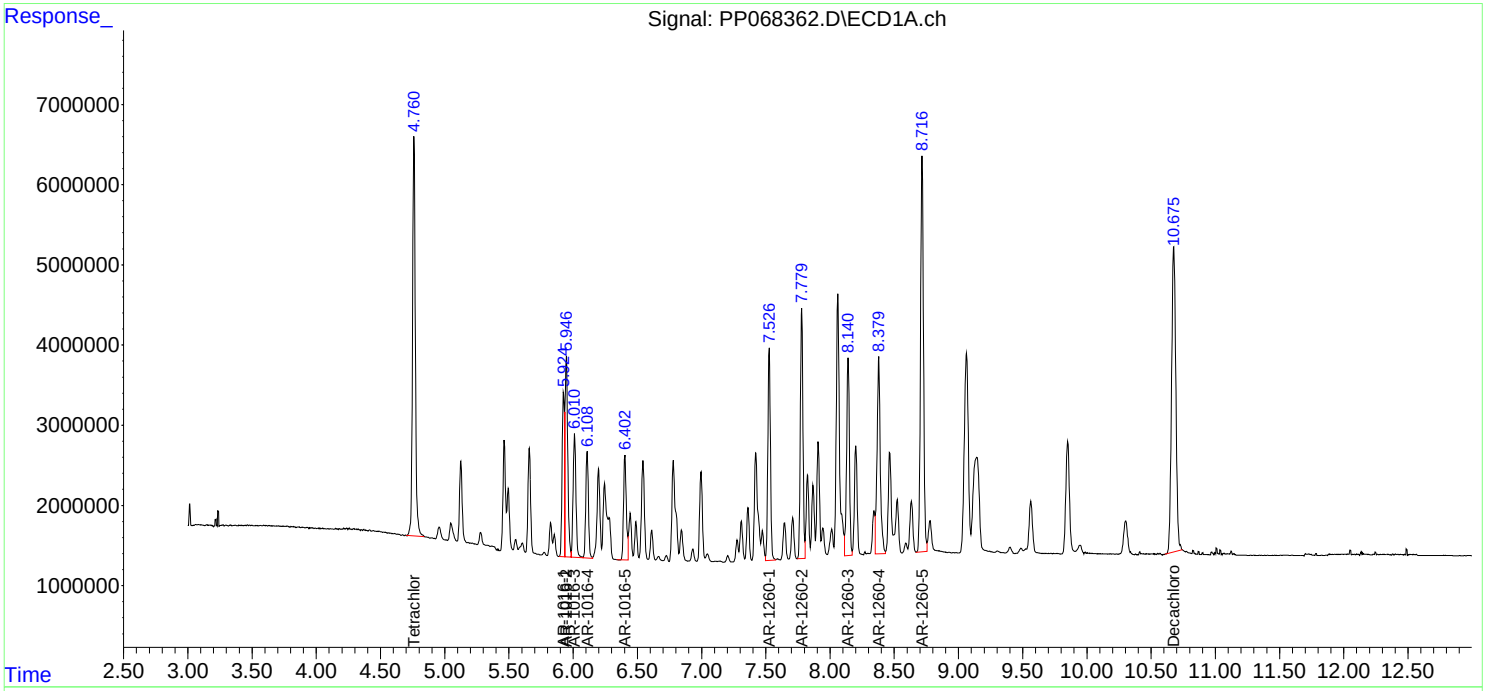
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

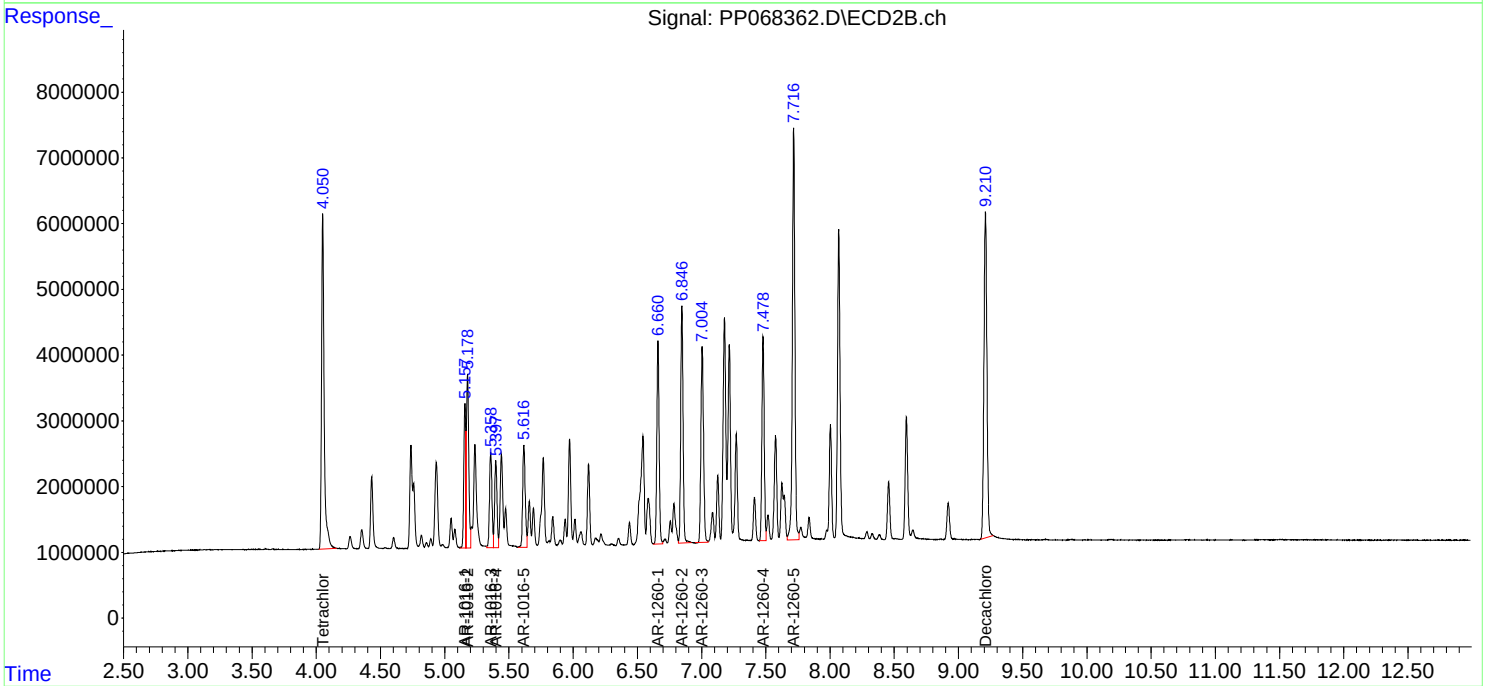
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068362.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 03:02
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

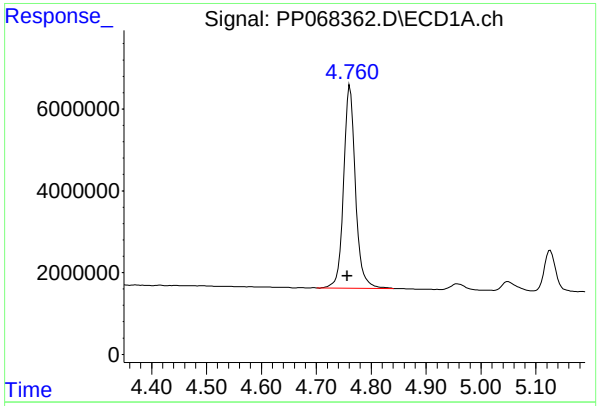
Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 04:09:33 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 04:05:53 2024
Response via : Initial Calibration
Integrator: ChemStation

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



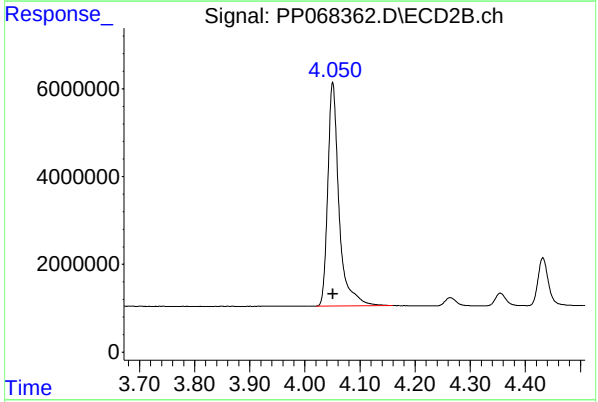




#1 Tetrachloro-m-xylene

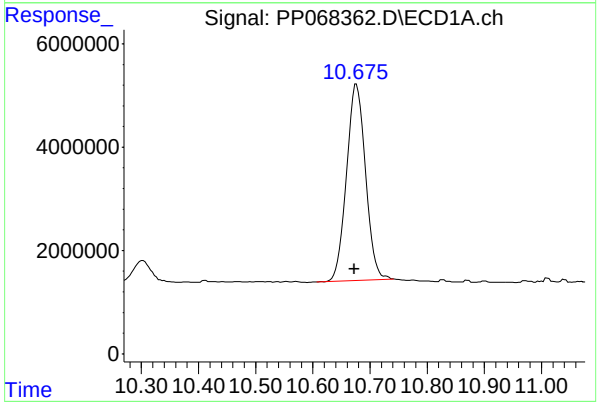
R.T.: 4.761 min
Delta R.T.: 0.004 min
Response: 74215491
Conc: 75.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



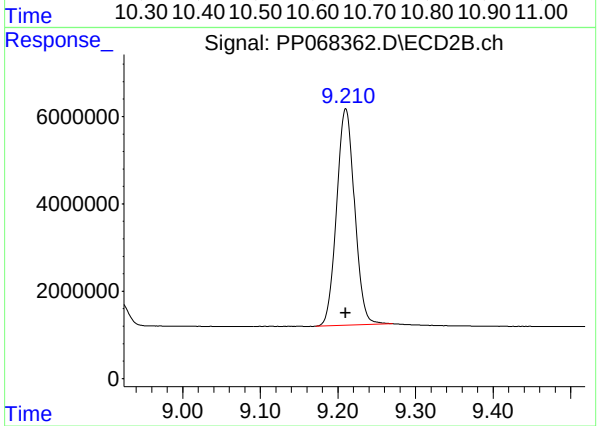
#1 Tetrachloro-m-xylene

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 72112885
Conc: 73.60 ng/ml



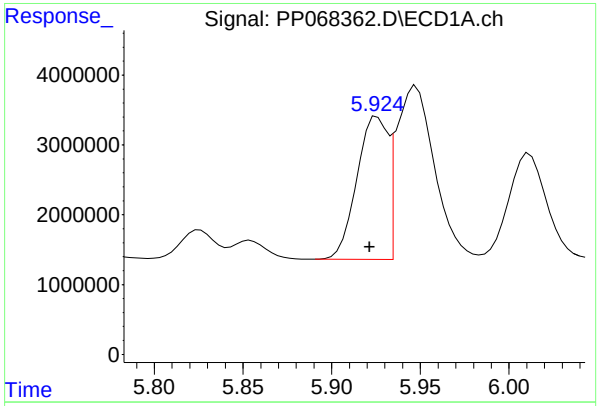
#2 Decachlorobiphenyl

R.T.: 10.676 min
Delta R.T.: 0.004 min
Response: 88435348
Conc: 71.79 ng/ml



#2 Decachlorobiphenyl

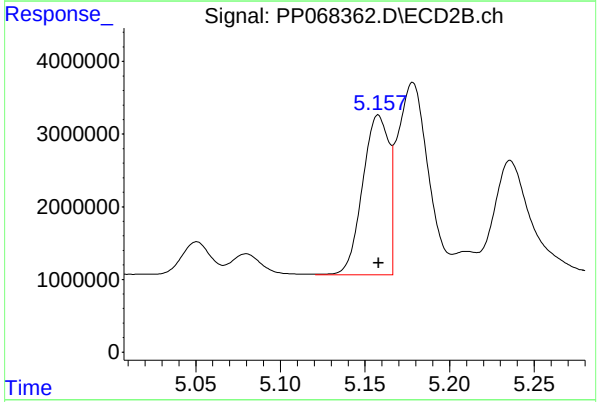
R.T.: 9.210 min
Delta R.T.: 0.000 min
Response: 80079491
Conc: 71.30 ng/ml



#3 AR-1016-1

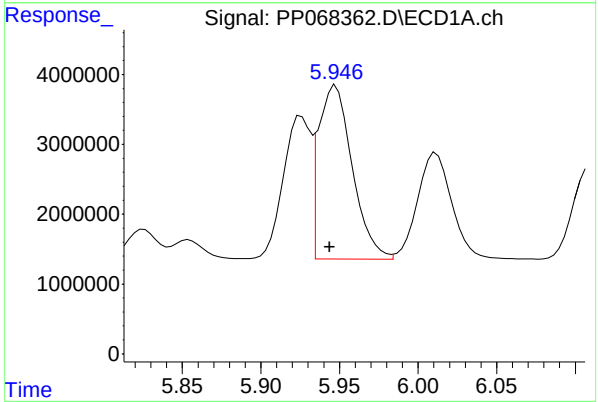
R.T.: 5.926 min
Delta R.T.: 0.005 min
Response: 24740345
Conc: 674.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



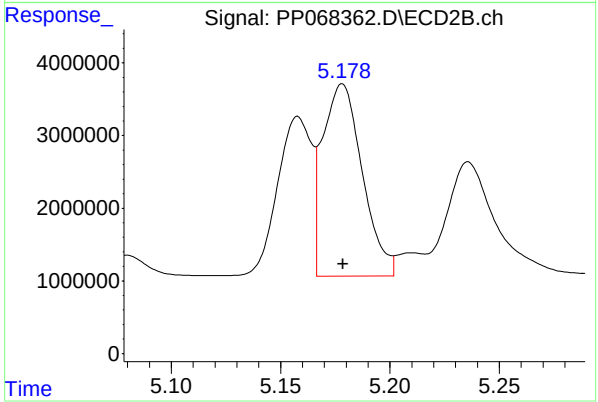
#3 AR-1016-1

R.T.: 5.158 min
Delta R.T.: 0.000 min
Response: 23766547
Conc: 722.20 ng/ml



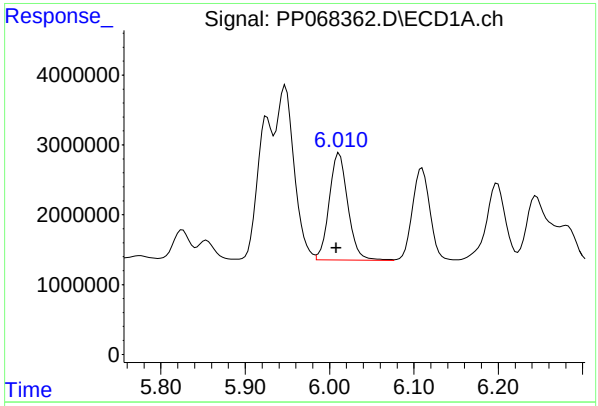
#4 AR-1016-2

R.T.: 5.948 min
Delta R.T.: 0.004 min
Response: 37346036
Conc: 689.30 ng/ml



#4 AR-1016-2

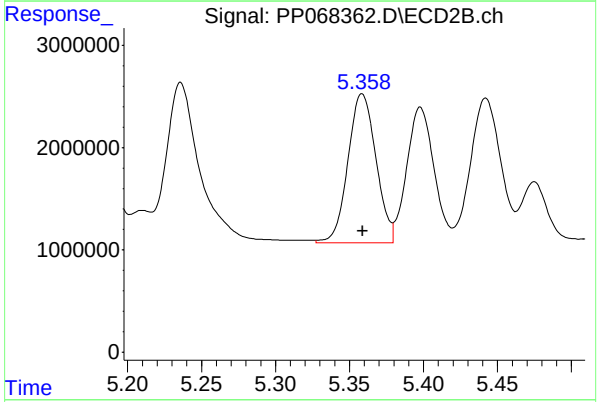
R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 33399353
Conc: 718.56 ng/ml



#5 AR-1016-3

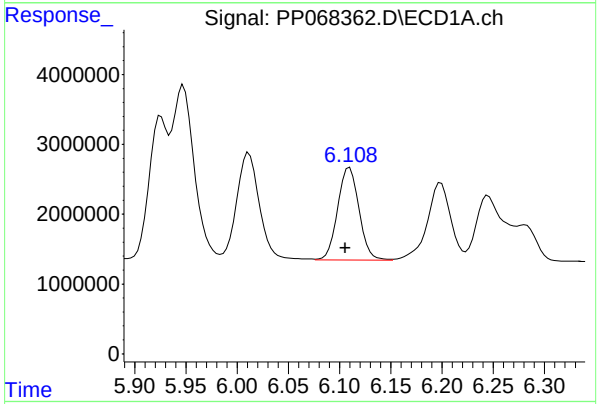
R.T.: 6.011 min
Delta R.T.: 0.004 min
Response: 23481713
Conc: 745.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



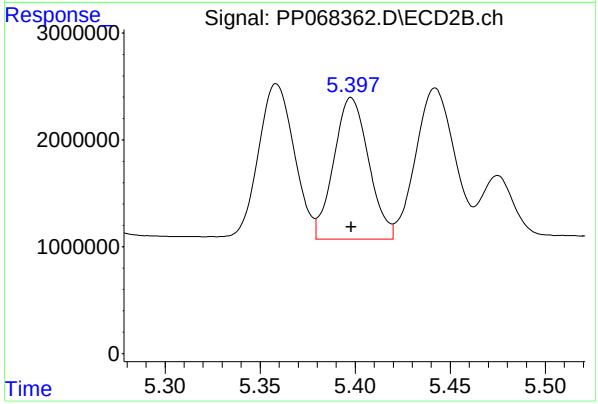
#5 AR-1016-3

R.T.: 5.359 min
Delta R.T.: 0.000 min
Response: 19179292
Conc: 742.57 ng/ml



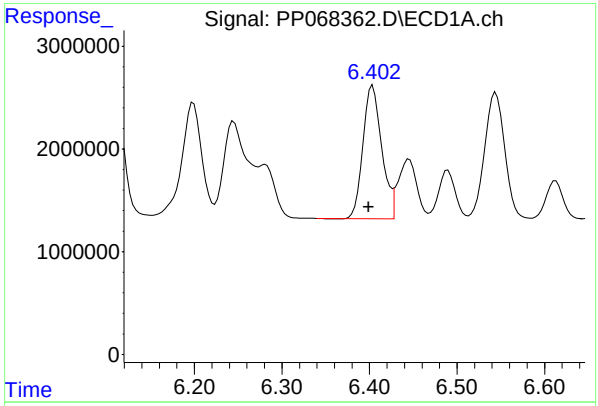
#6 AR-1016-4

R.T.: 6.110 min
Delta R.T.: 0.004 min
Response: 19165227
Conc: 736.88 ng/ml



#6 AR-1016-4

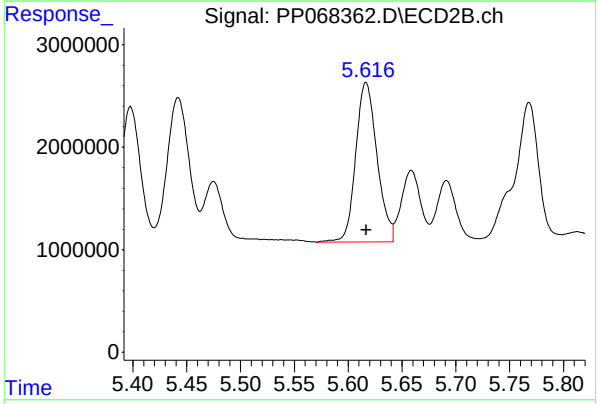
R.T.: 5.398 min
Delta R.T.: 0.000 min
Response: 16919100
Conc: 735.61 ng/ml



#7 AR-1016-5

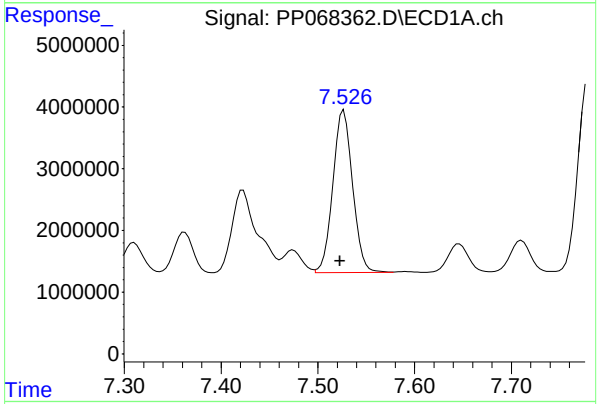
R.T.: 6.404 min
Delta R.T.: 0.005 min
Response: 19397268
Conc: 656.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



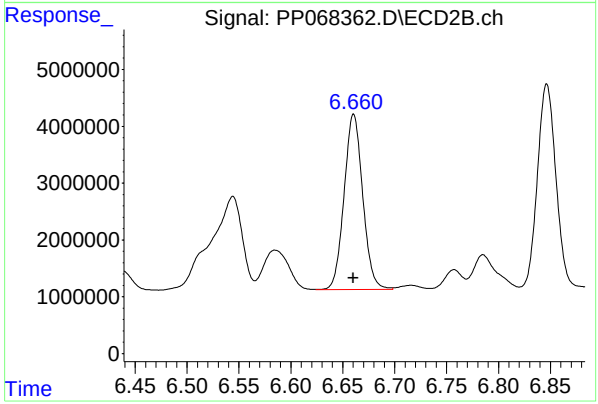
#7 AR-1016-5

R.T.: 5.617 min
Delta R.T.: 0.000 min
Response: 21418616
Conc: 726.20 ng/ml



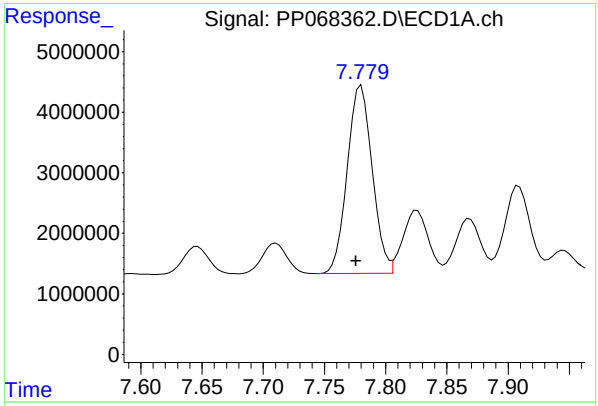
#31 AR-1260-1

R.T.: 7.527 min
Delta R.T.: 0.004 min
Response: 37393257
Conc: 679.04 ng/ml



#31 AR-1260-1

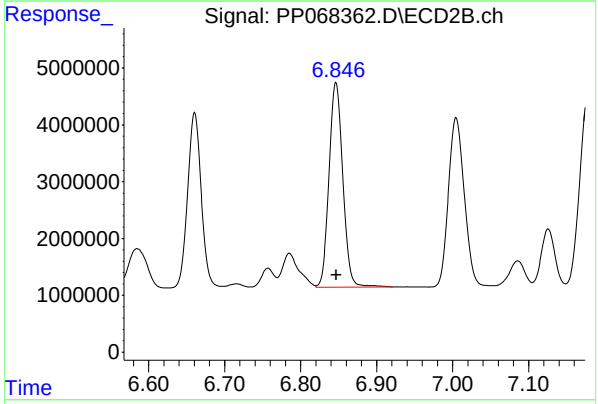
R.T.: 6.660 min
Delta R.T.: 0.000 min
Response: 38622501
Conc: 718.72 ng/ml



#32 AR-1260-2

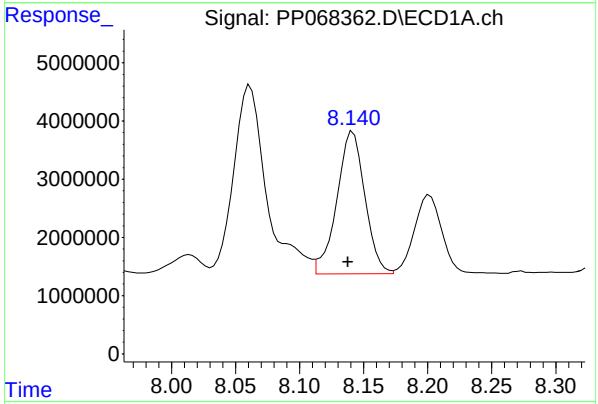
R.T.: 7.780 min
Delta R.T.: 0.004 min
Response: 44095983
Conc: 712.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



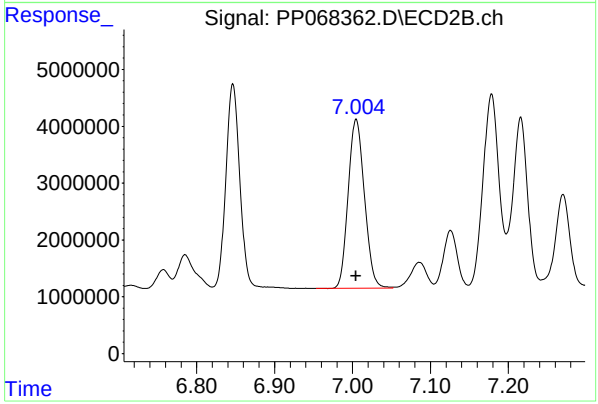
#32 AR-1260-2

R.T.: 6.847 min
Delta R.T.: 0.000 min
Response: 45181463
Conc: 702.35 ng/ml



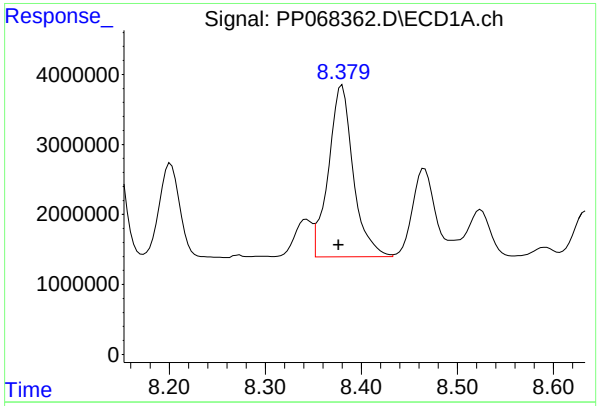
#33 AR-1260-3

R.T.: 8.142 min
Delta R.T.: 0.004 min
Response: 37272340
Conc: 704.33 ng/ml



#33 AR-1260-3

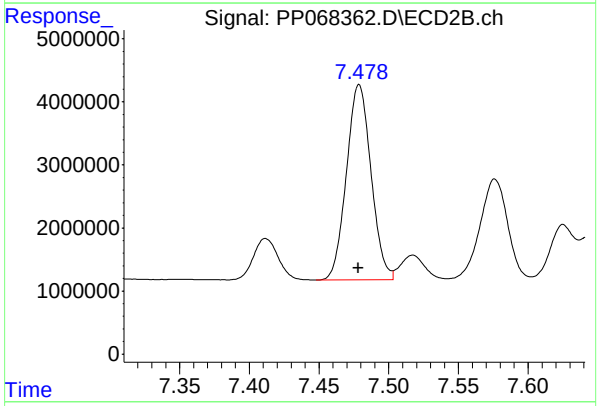
R.T.: 7.005 min
Delta R.T.: 0.000 min
Response: 43024564
Conc: 719.41 ng/ml



#34 AR-1260-4

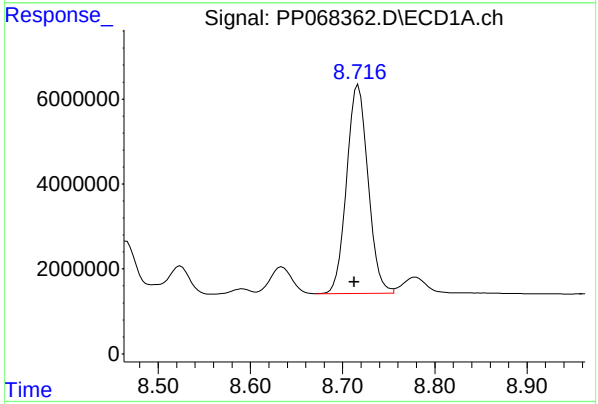
R.T.: 8.380 min
Delta R.T.: 0.004 min
Response: 43794087
Conc: 715.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



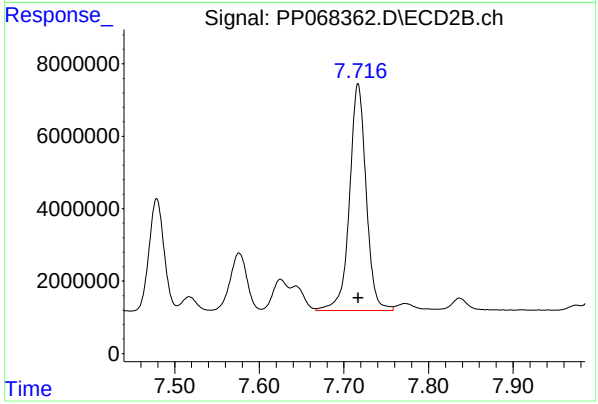
#34 AR-1260-4

R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 38019685
Conc: 718.88 ng/ml



#35 AR-1260-5

R.T.: 8.717 min
Delta R.T.: 0.004 min
Response: 79445464
Conc: 719.75 ng/ml



#35 AR-1260-5

R.T.: 7.717 min
Delta R.T.: 0.000 min
Response: 85480678
Conc: 724.43 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068363.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 03:18
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 04:09:54 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 04:05:53 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.757	4.051	48872979	48987046	50.000	50.000
2)	SA Decachlor...	10.672	9.210	61595326	56153212	50.000	50.000
	Target Compounds						
3)	L1 AR-1016-1	5.921	5.158	18347272	16454351	500.000	500.000
4)	L1 AR-1016-2	5.944	5.179	27089690	23240502	500.000	500.000
5)	L1 AR-1016-3	6.008	5.359	15738782	12914154	500.000	500.000
6)	L1 AR-1016-4	6.105	5.398	13004324	11500082	500.000	500.000
7)	L1 AR-1016-5	6.399	5.617	14766165	14747103	500.000	500.000
31)	L7 AR-1260-1	7.523	6.660	27534006	26869049	500.000	500.000
32)	L7 AR-1260-2	7.776	6.847	30952656	32164699	500.000	500.000
33)	L7 AR-1260-3	8.138	7.005	26459573	29902666	500.000	500.000
34)	L7 AR-1260-4	8.376	7.478	30609676	26443585	500.000	500.000
35)	L7 AR-1260-5	8.713	7.717	55189644	58998620	500.000	500.000

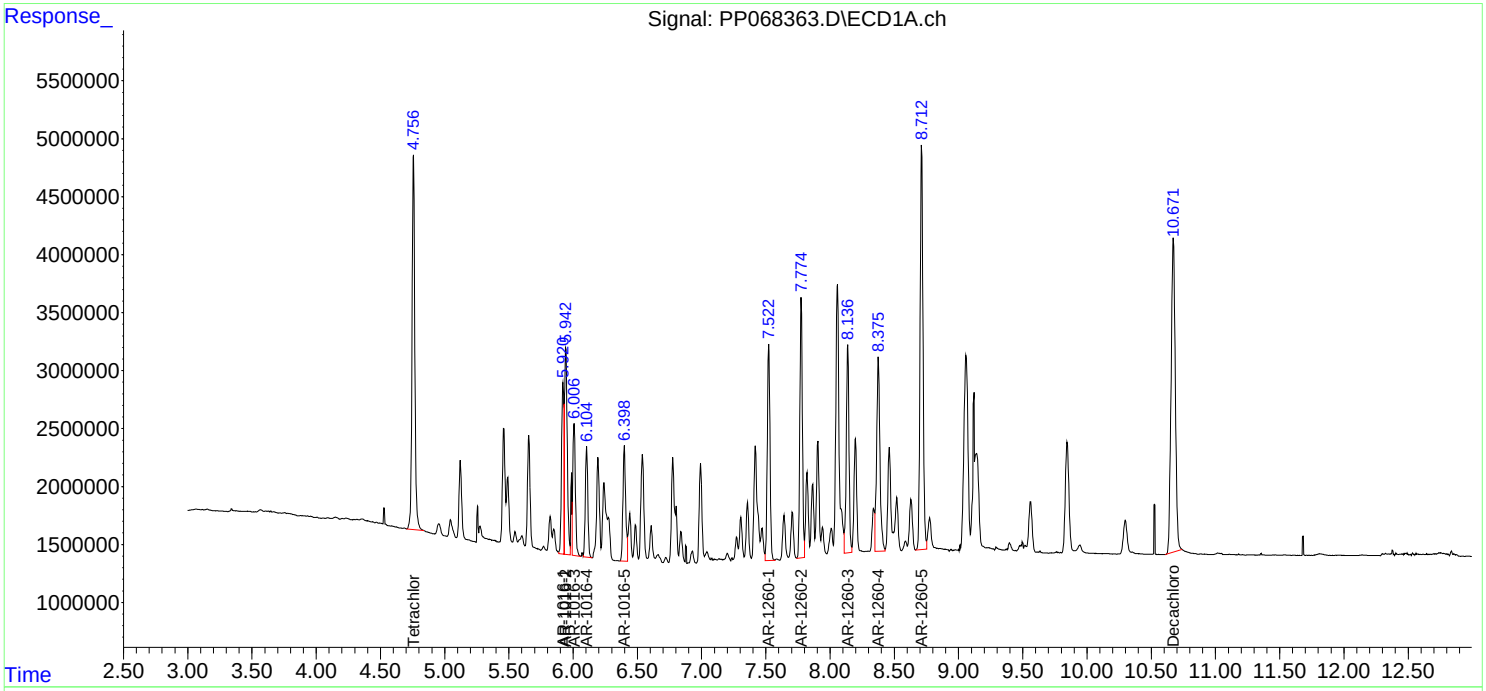
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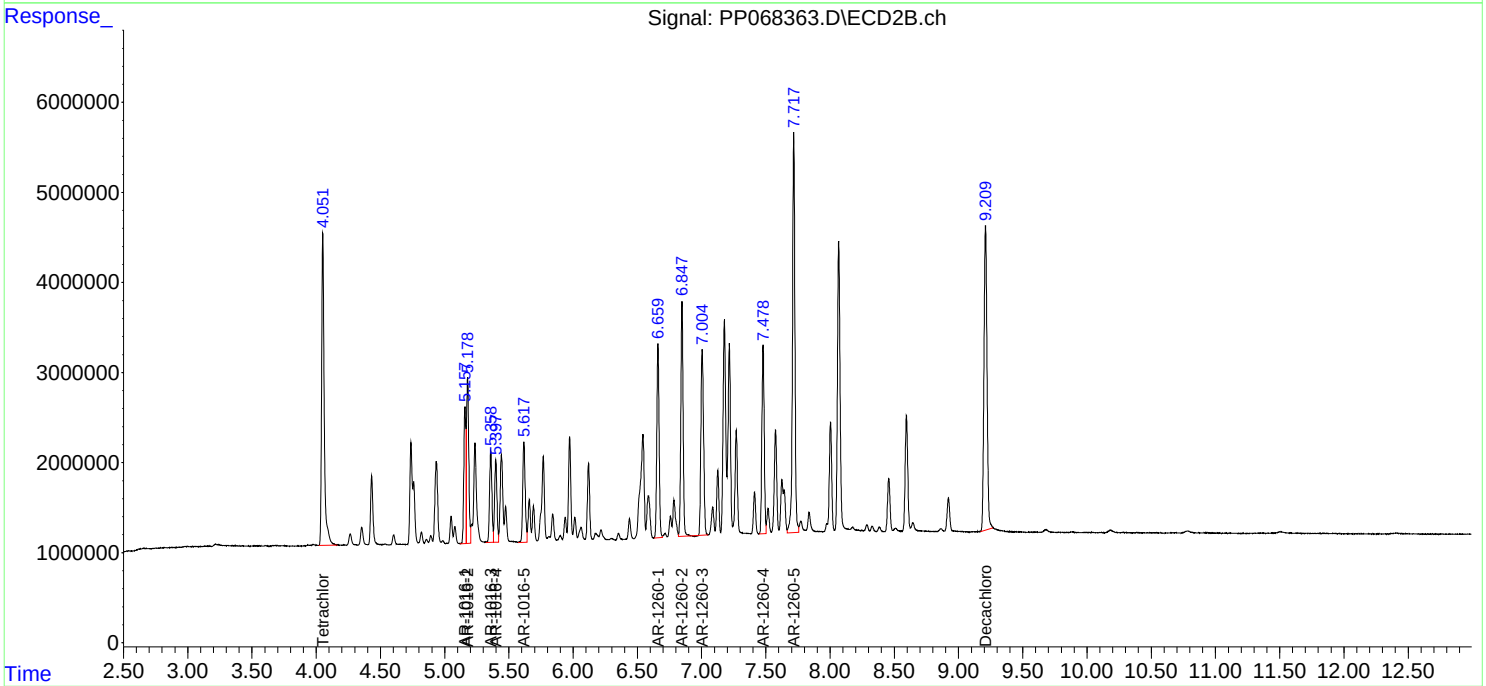
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068363.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 03:18
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

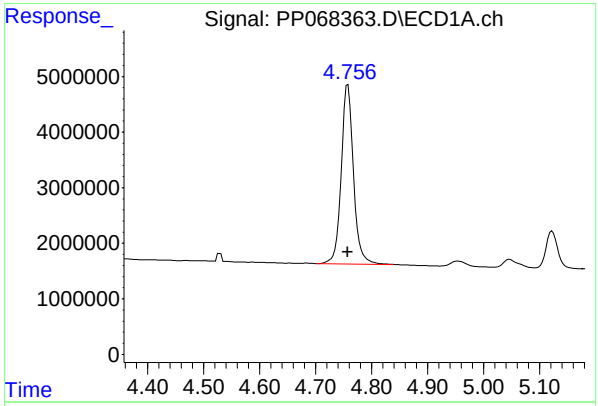
Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 04:09:54 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 04:05:53 2024
Response via : Initial Calibration
Integrator: ChemStation

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



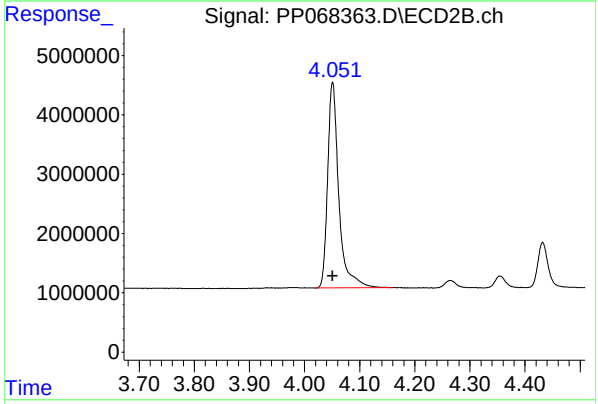




#1 Tetrachloro-m-xylene

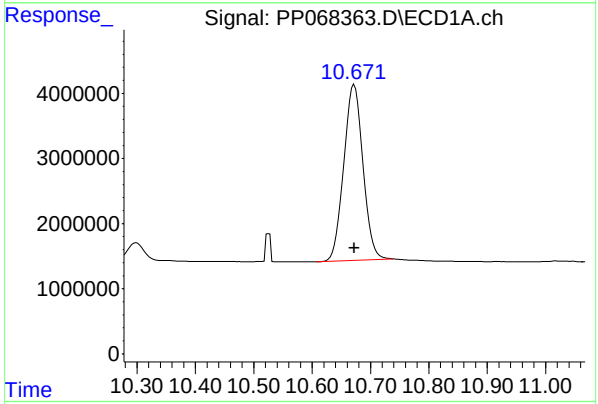
R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 48872979
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



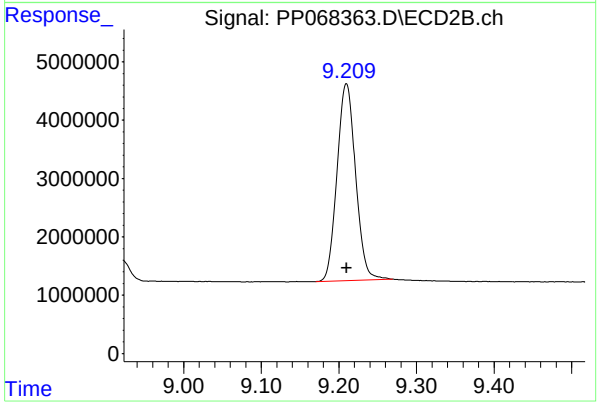
#1 Tetrachloro-m-xylene

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 48987046
Conc: 50.00 ng/ml



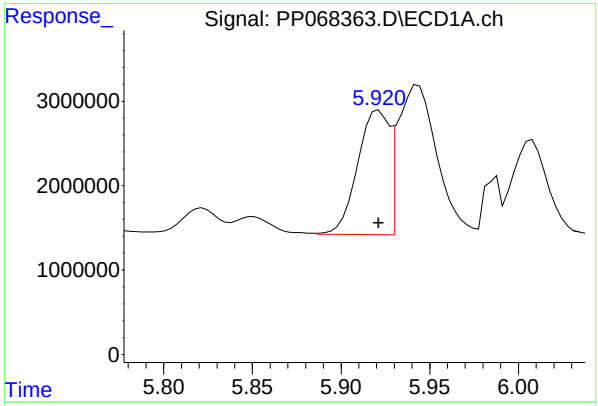
#2 Decachlorobiphenyl

R.T.: 10.672 min
Delta R.T.: 0.000 min
Response: 61595326
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

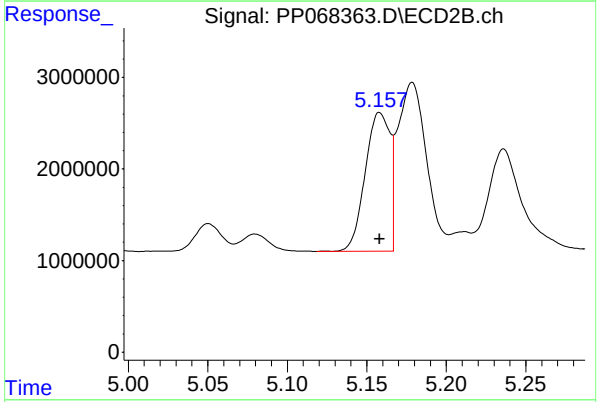
R.T.: 9.210 min
Delta R.T.: 0.000 min
Response: 56153212
Conc: 50.00 ng/ml



#3 AR-1016-1

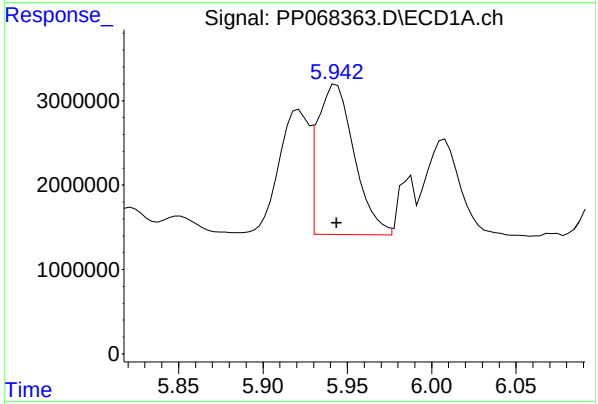
R.T.: 5.921 min
Delta R.T.: 0.000 min
Response: 18347272
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



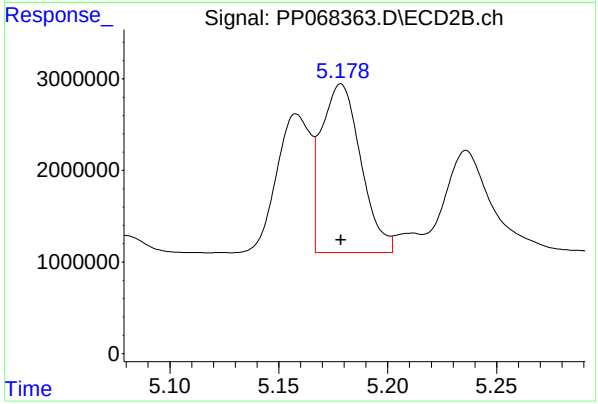
#3 AR-1016-1

R.T.: 5.158 min
Delta R.T.: 0.000 min
Response: 16454351
Conc: 500.00 ng/ml



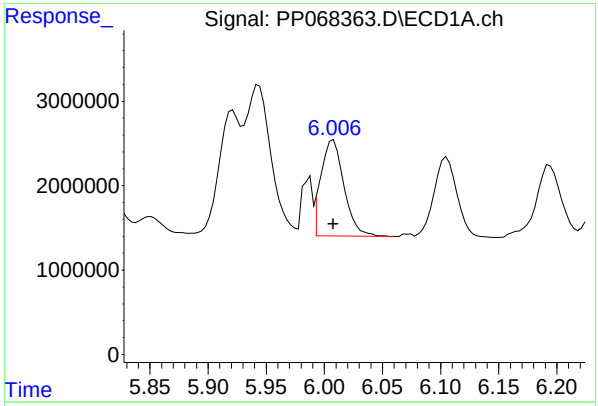
#4 AR-1016-2

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 27089690
Conc: 500.00 ng/ml



#4 AR-1016-2

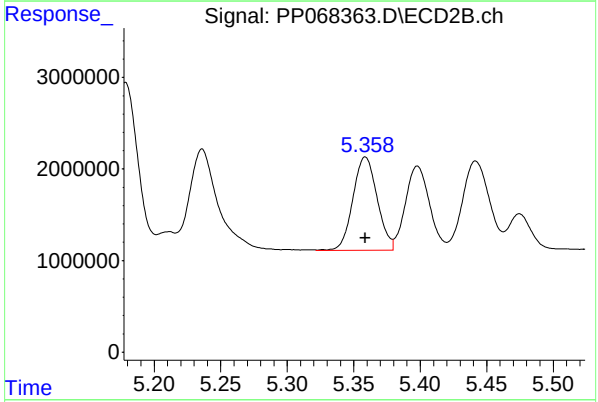
R.T.: 5.179 min
Delta R.T.: 0.000 min
Response: 23240502
Conc: 500.00 ng/ml



#5 AR-1016-3

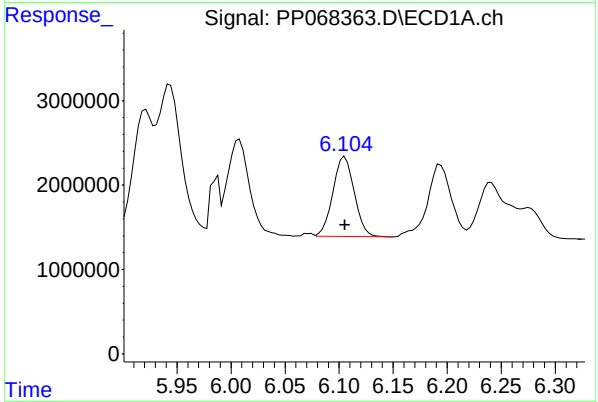
R.T.: 6.008 min
Delta R.T.: 0.000 min
Response: 15738782
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



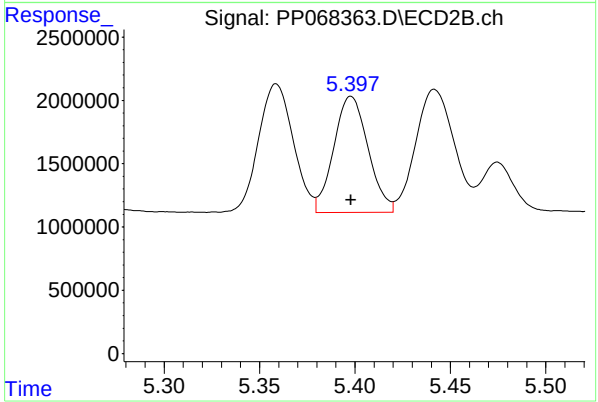
#5 AR-1016-3

R.T.: 5.359 min
Delta R.T.: 0.000 min
Response: 12914154
Conc: 500.00 ng/ml



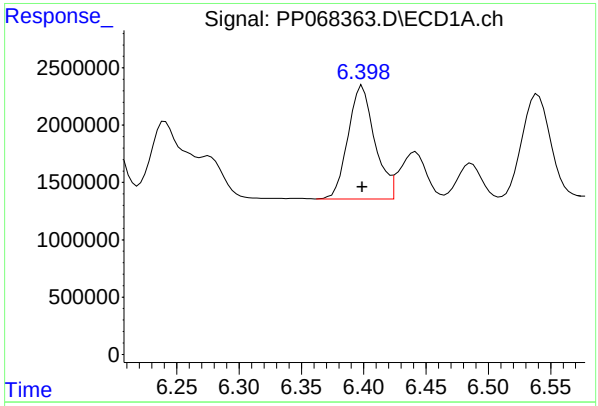
#6 AR-1016-4

R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 13004324
Conc: 500.00 ng/ml



#6 AR-1016-4

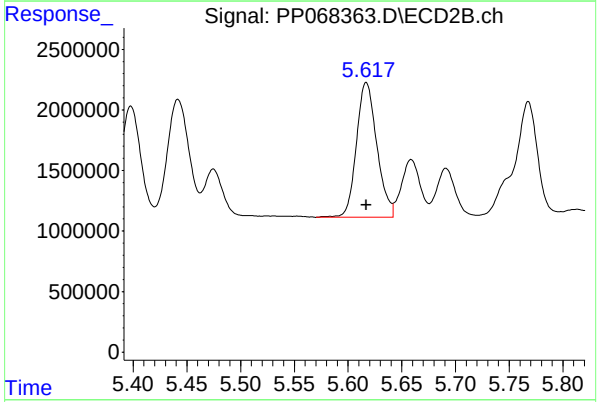
R.T.: 5.398 min
Delta R.T.: 0.000 min
Response: 11500082
Conc: 500.00 ng/ml



#7 AR-1016-5

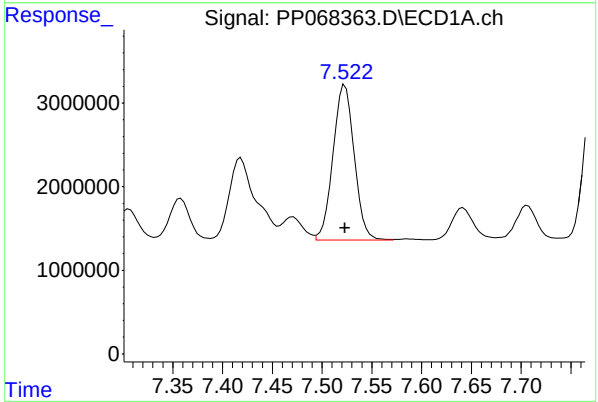
R.T.: 6.399 min
Delta R.T.: 0.000 min
Response: 14766165
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



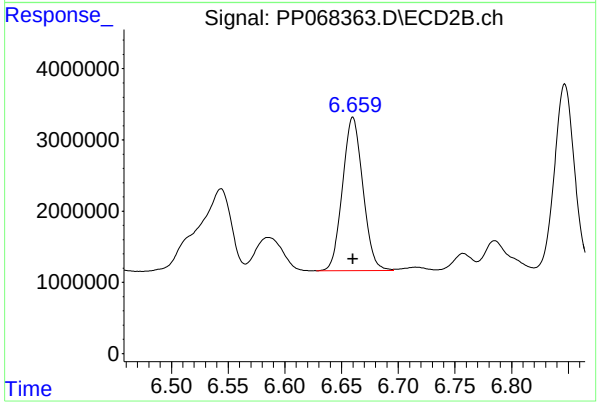
#7 AR-1016-5

R.T.: 5.617 min
Delta R.T.: 0.000 min
Response: 14747103
Conc: 500.00 ng/ml



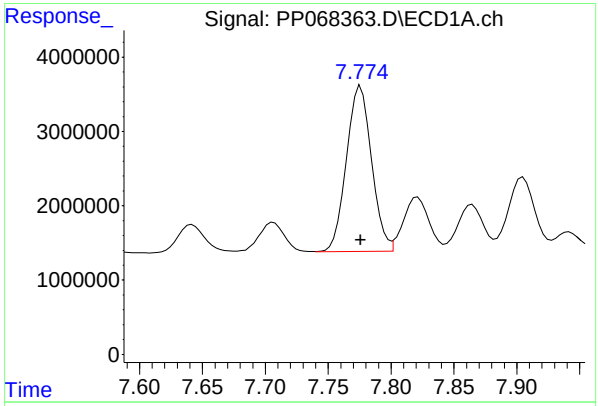
#31 AR-1260-1

R.T.: 7.523 min
Delta R.T.: 0.000 min
Response: 27534006
Conc: 500.00 ng/ml



#31 AR-1260-1

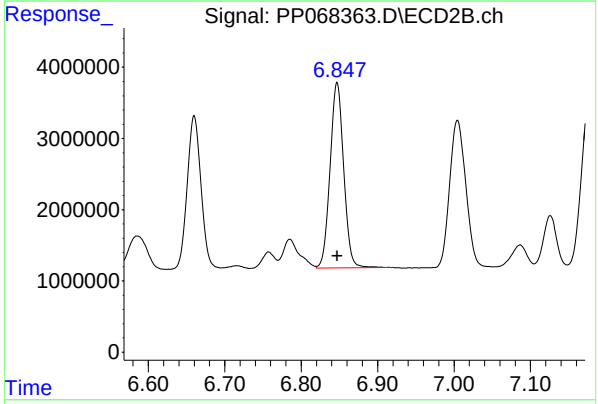
R.T.: 6.660 min
Delta R.T.: 0.000 min
Response: 26869049
Conc: 500.00 ng/ml



#32 AR-1260-2

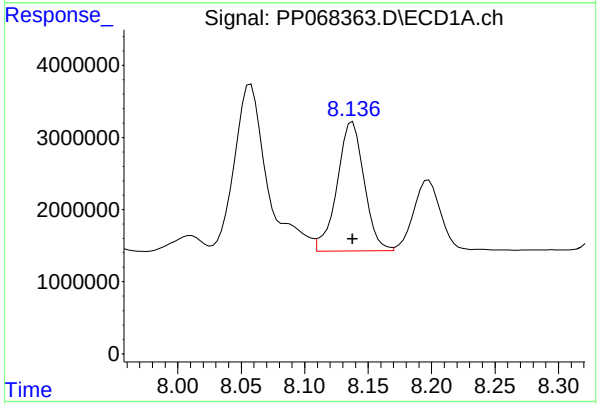
R.T.: 7.776 min
Delta R.T.: 0.000 min
Response: 30952656
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



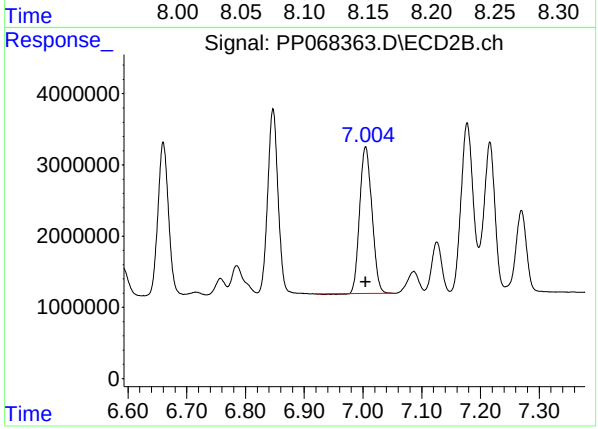
#32 AR-1260-2

R.T.: 6.847 min
Delta R.T.: 0.000 min
Response: 32164699
Conc: 500.00 ng/ml



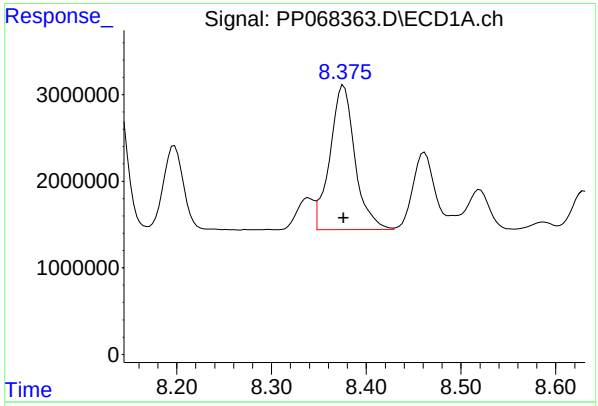
#33 AR-1260-3

R.T.: 8.138 min
Delta R.T.: 0.000 min
Response: 26459573
Conc: 500.00 ng/ml



#33 AR-1260-3

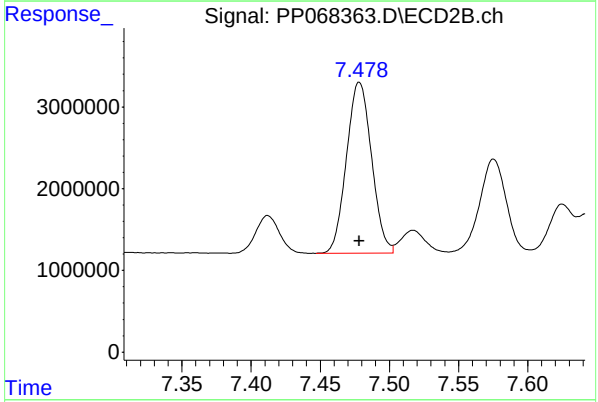
R.T.: 7.005 min
Delta R.T.: 0.000 min
Response: 29902666
Conc: 500.00 ng/ml



#34 AR-1260-4

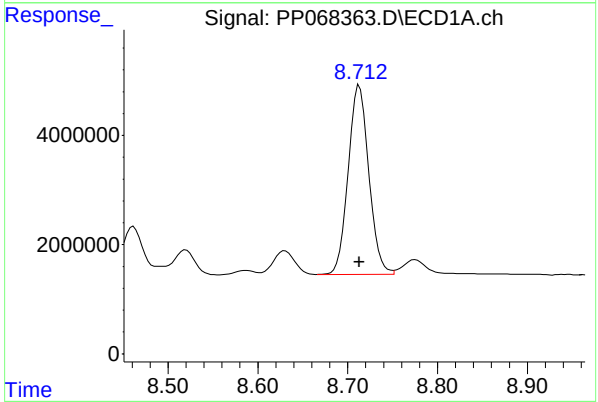
R.T.: 8.376 min
Delta R.T.: 0.000 min
Response: 30609676
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



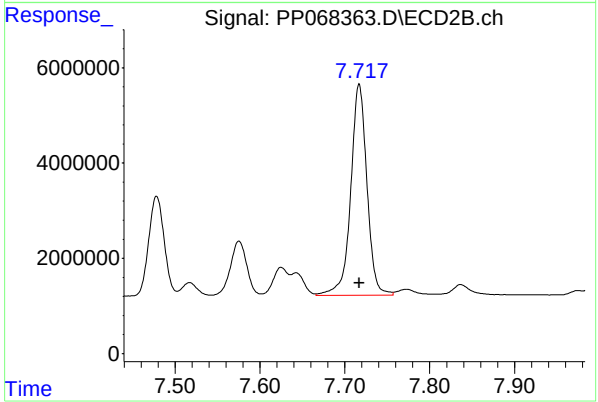
#34 AR-1260-4

R.T.: 7.478 min
Delta R.T.: 0.000 min
Response: 26443585
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 8.713 min
Delta R.T.: 0.000 min
Response: 55189644
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.717 min
Delta R.T.: 0.000 min
Response: 58998620
Conc: 500.00 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068364.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 03:34
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 04:10:17 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 04:05:53 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.760	4.051	25351463	25875380	25.936	26.410
2)	SA Decachlor...	10.676	9.210	34304600	30797863	27.847	27.423
	Target Compounds						
3)	L1 AR-1016-1	5.924	5.157	9641338	9079242	262.746	275.892m
4)	L1 AR-1016-2	5.946	5.178	14007203	12532937	258.534	269.636m
5)	L1 AR-1016-3	6.010	5.359	8815317	7259207	280.051	281.056
6)	L1 AR-1016-4	6.108	5.399	6899763	6185744	265.287	268.943
7)	L1 AR-1016-5	6.401	5.616	7416740	8429027	251.140m	285.786m
31)	L7 AR-1260-1	7.524	6.660	14871315	15157430	270.054m	282.061m
32)	L7 AR-1260-2	7.777	6.846	17543800	17962073	283.397m	279.220m
33)	L7 AR-1260-3	8.140	7.004	15445788	17491691	291.875	292.477
34)	L7 AR-1260-4	8.378	7.479	16721204	14490378	273.136	273.987
35)	L7 AR-1260-5	8.716	7.717	30604768	31934103	277.269	270.634

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068364.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 03:34
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

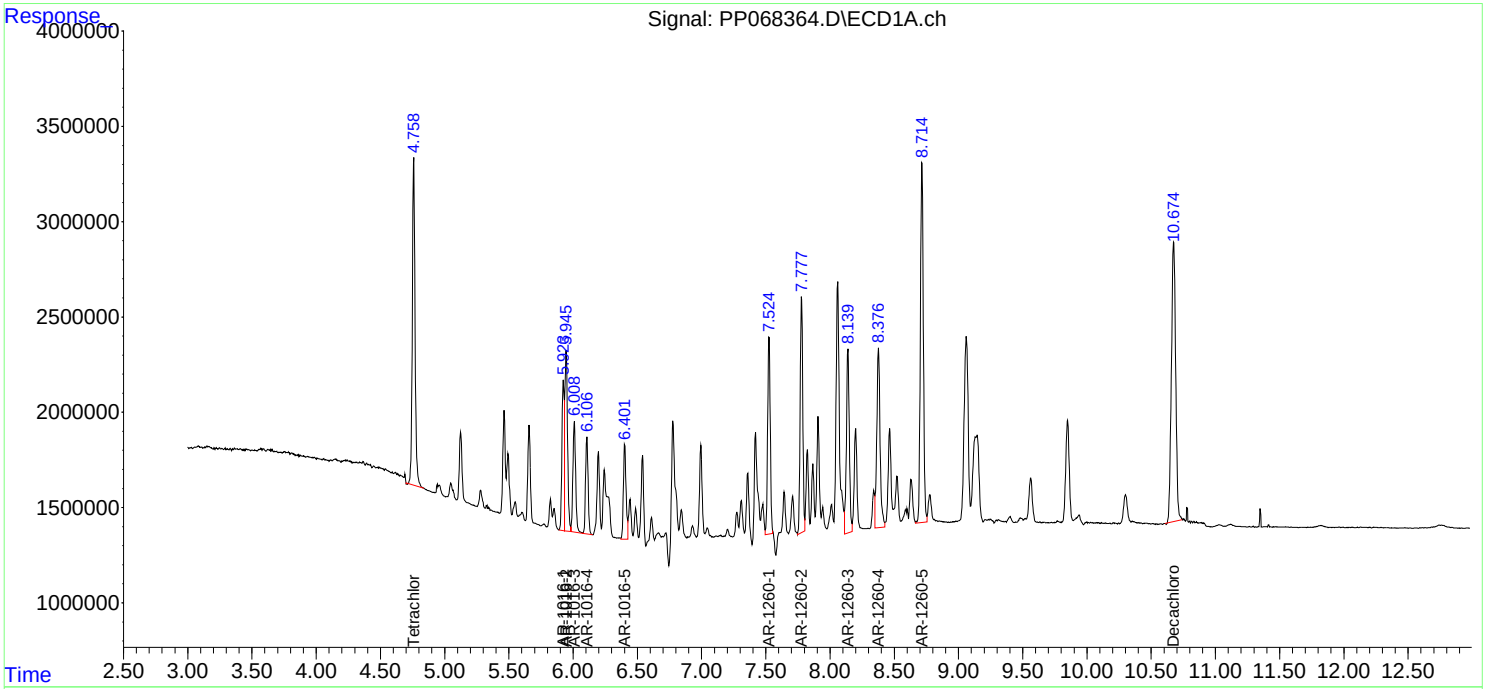
Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

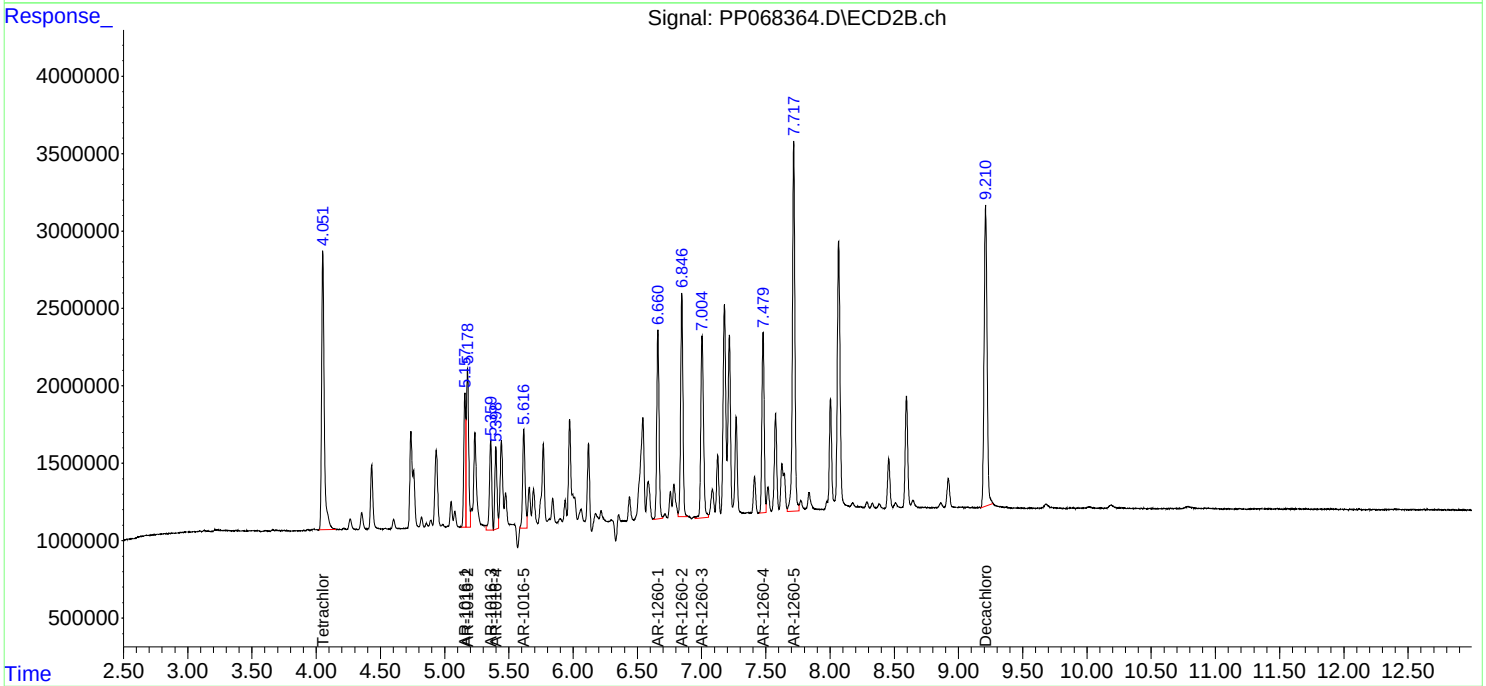
Manual Integrations APPROVED

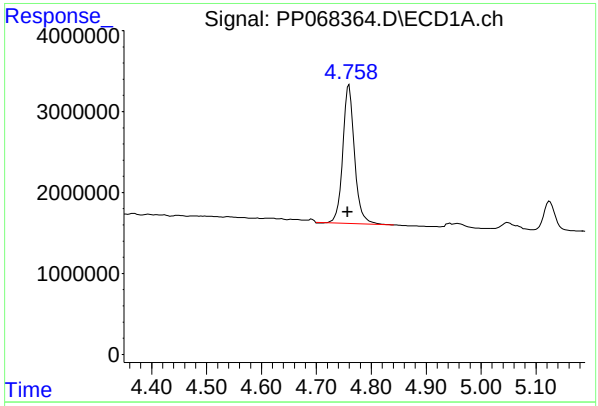
Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 04:10:17 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 04:05:53 2024
Response via : Initial Calibration
Integrator: ChemStation

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







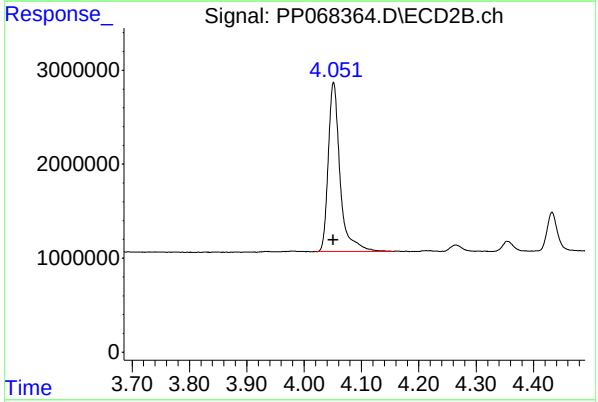
#1 Tetrachloro-m-xylene

R.T.: 4.760 min
Delta R.T.: 0.003 min
Response: 25351463
Conc: 25.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

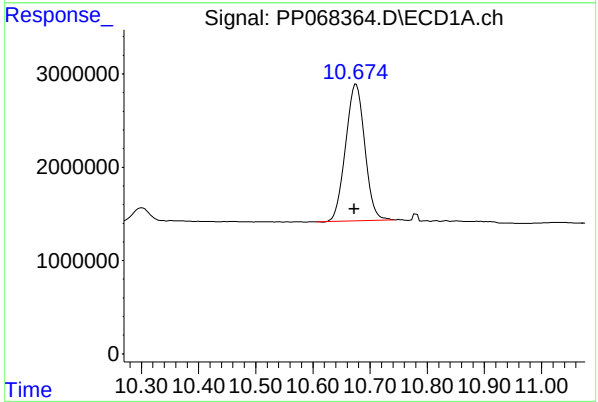
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



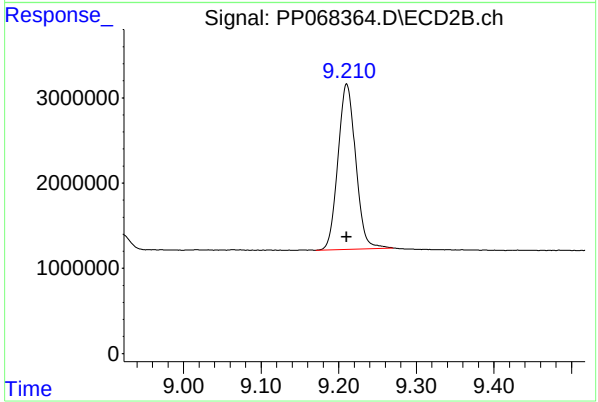
#1 Tetrachloro-m-xylene

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 25875380
Conc: 26.41 ng/ml



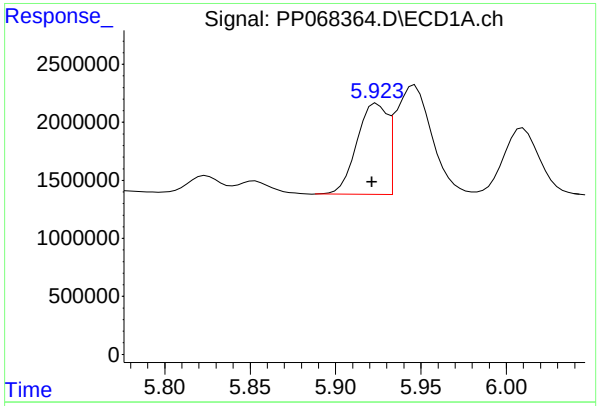
#2 Decachlorobiphenyl

R.T.: 10.676 min
Delta R.T.: 0.004 min
Response: 34304600
Conc: 27.85 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.210 min
Delta R.T.: 0.000 min
Response: 30797863
Conc: 27.42 ng/ml



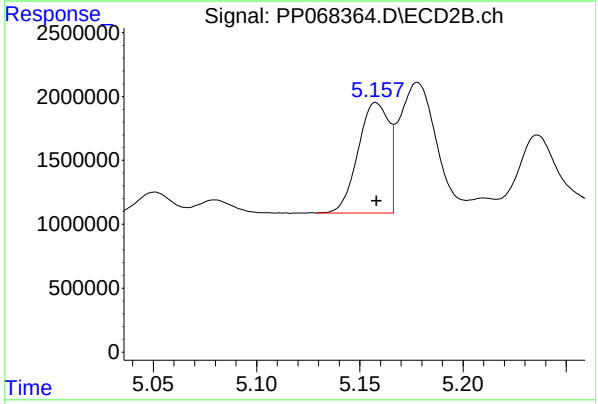
#3 AR-1016-1

R.T.: 5.924 min
Delta R.T.: 0.003 mi
Response: 9641338
Conc: 262.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

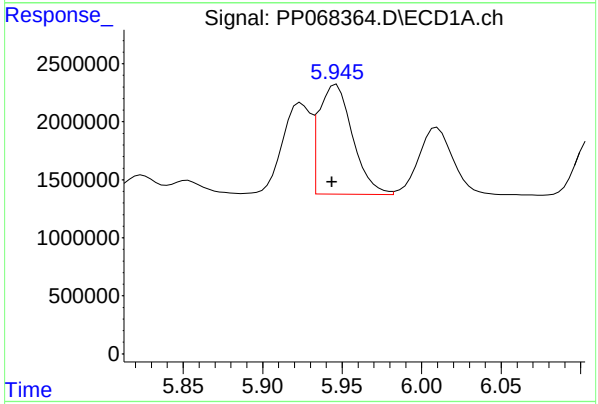
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



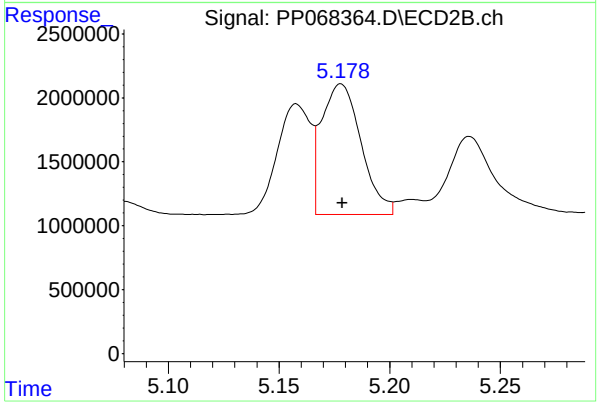
#3 AR-1016-1

R.T.: 5.157 min
Delta R.T.: 0.000 min
Response: 9079242
Conc: 275.89 ng/ml m



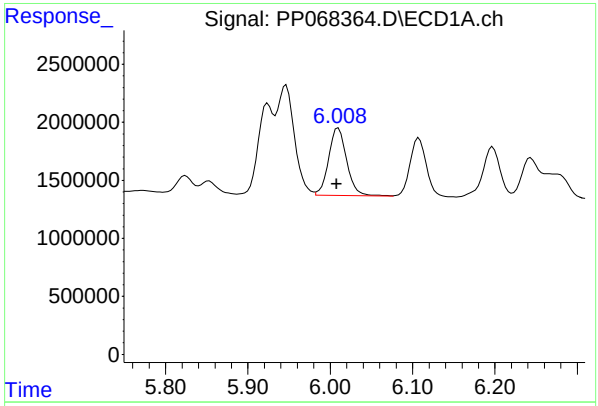
#4 AR-1016-2

R.T.: 5.946 min
Delta R.T.: 0.003 min
Response: 14007203
Conc: 258.53 ng/ml



#4 AR-1016-2

R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 12532937
Conc: 269.64 ng/ml m



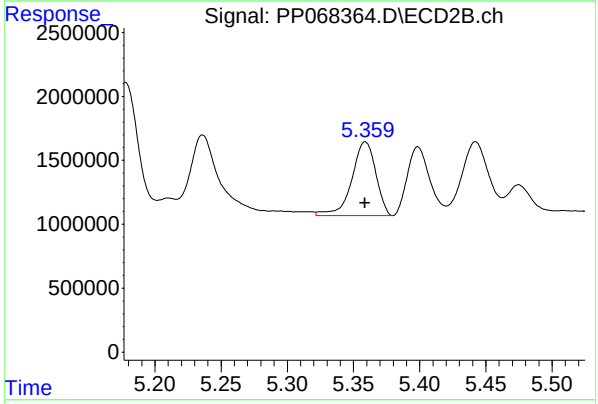
#5 AR-1016-3

R.T.: 6.010 min
Delta R.T.: 0.002 min
Response: 8815317
Conc: 280.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

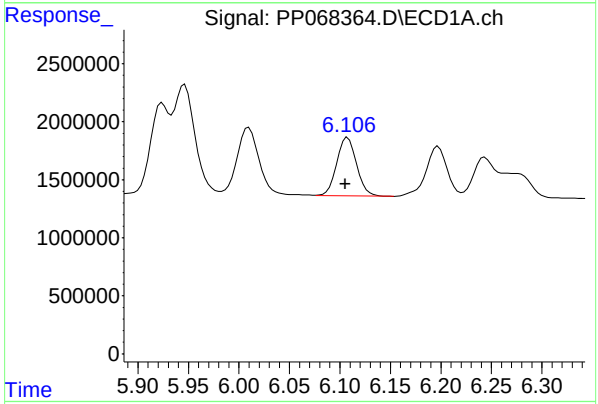
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



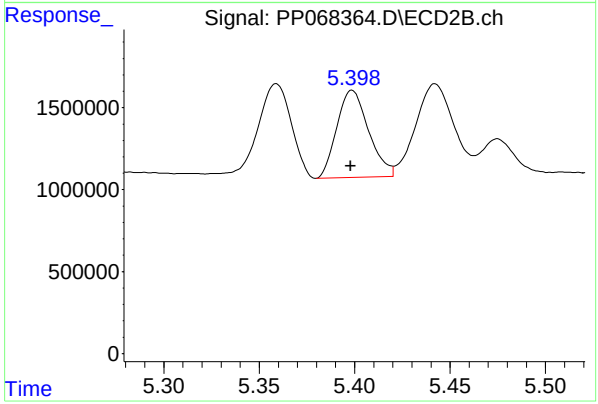
#5 AR-1016-3

R.T.: 5.359 min
Delta R.T.: 0.000 min
Response: 7259207
Conc: 281.06 ng/ml



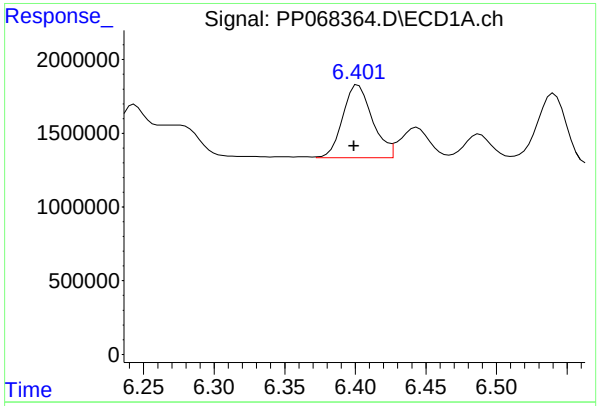
#6 AR-1016-4

R.T.: 6.108 min
Delta R.T.: 0.002 min
Response: 6899763
Conc: 265.29 ng/ml



#6 AR-1016-4

R.T.: 5.399 min
Delta R.T.: 0.000 min
Response: 6185744
Conc: 268.94 ng/ml



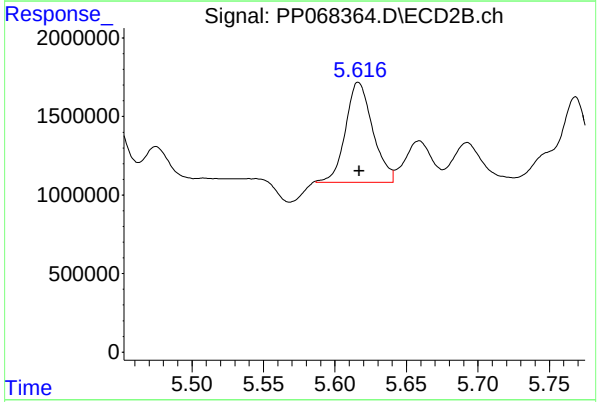
#7 AR-1016-5

R.T.: 6.401 min
Delta R.T.: 0.002 mi
Response: 7416740
Conc: 251.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

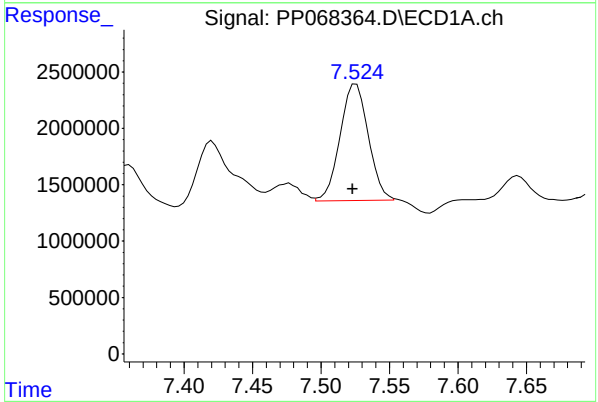
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



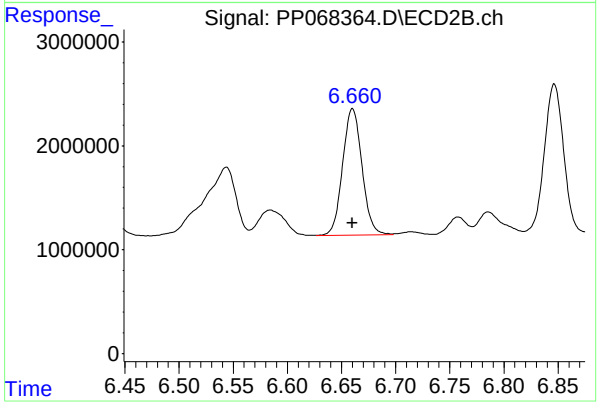
#7 AR-1016-5

R.T.: 5.616 min
Delta R.T.: -0.001 min
Response: 8429027
Conc: 285.79 ng/ml m



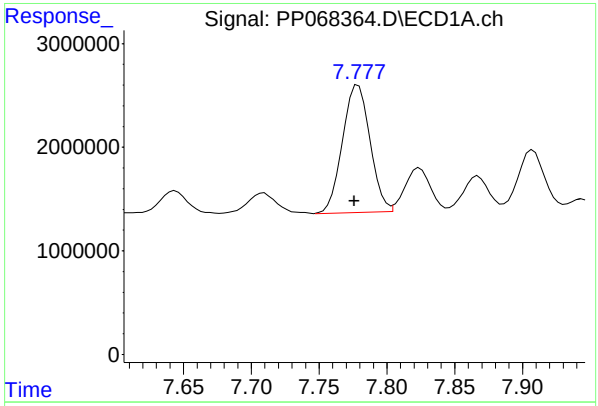
#31 AR-1260-1

R.T.: 7.524 min
Delta R.T.: 0.001 min
Response: 14871315
Conc: 270.05 ng/ml m



#31 AR-1260-1

R.T.: 6.660 min
Delta R.T.: 0.000 min
Response: 15157430
Conc: 282.06 ng/ml m



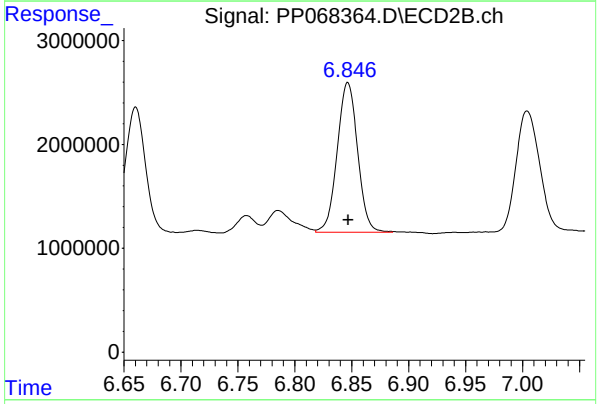
#32 AR-1260-2

R.T.: 7.777 min
Delta R.T.: 0.002 mi
Response: 17543800
Conc: 283.40 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

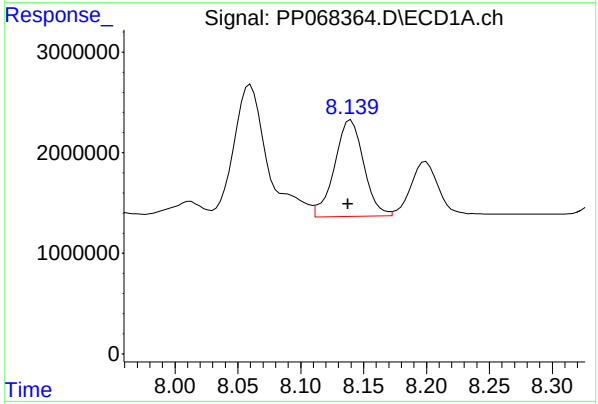
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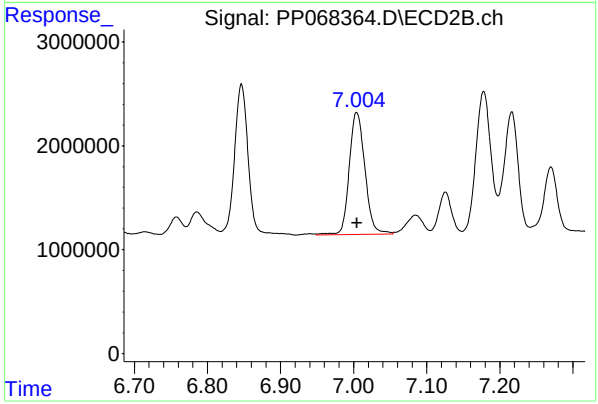
#32 AR-1260-2

R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 17962073
Conc: 279.22 ng/ml m



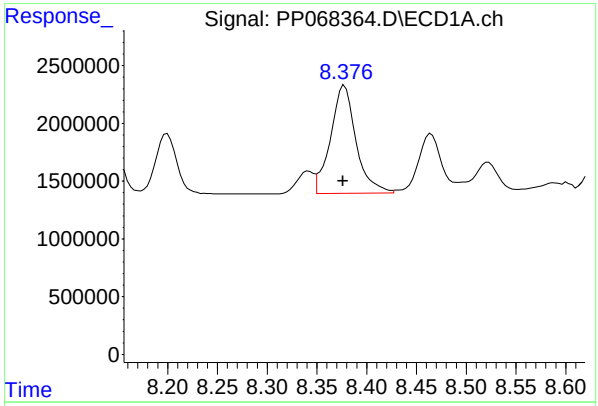
#33 AR-1260-3

R.T.: 8.140 min
Delta R.T.: 0.002 min
Response: 15445788
Conc: 291.88 ng/ml



#33 AR-1260-3

R.T.: 7.004 min
Delta R.T.: 0.000 min
Response: 17491691
Conc: 292.48 ng/ml



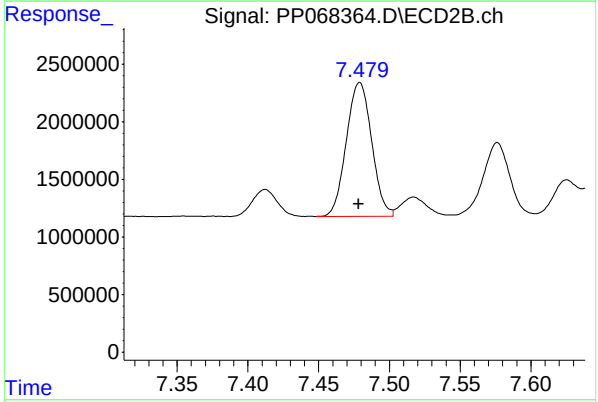
#34 AR-1260-4

R.T.: 8.378 min
Delta R.T.: 0.001 min
Response: 16721204
Conc: 273.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

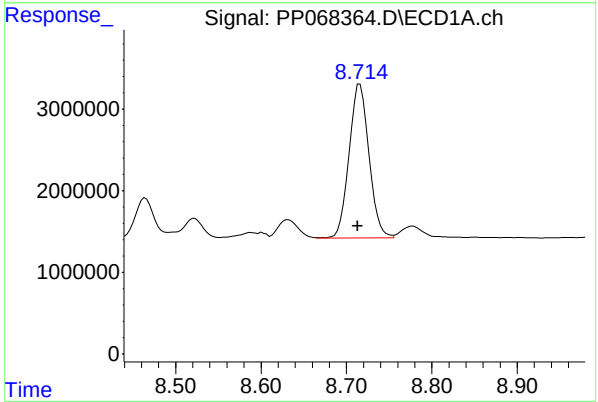
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



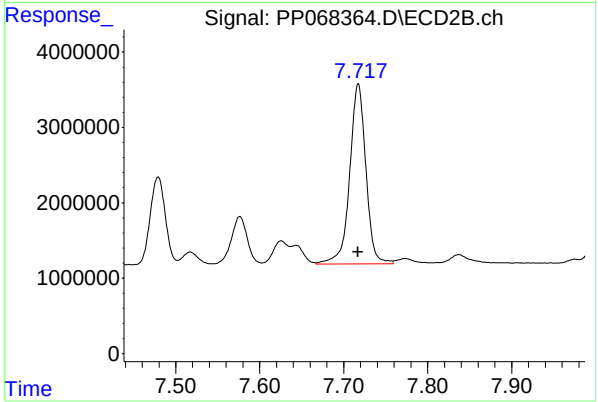
#34 AR-1260-4

R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 14490378
Conc: 273.99 ng/ml



#35 AR-1260-5

R.T.: 8.716 min
Delta R.T.: 0.003 min
Response: 30604768
Conc: 277.27 ng/ml



#35 AR-1260-5

R.T.: 7.717 min
Delta R.T.: 0.000 min
Response: 31934103
Conc: 270.63 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068365.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 03:51
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 04:10:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 04:05:53 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.757	4.050	4476350	4464468	4.580	4.557
2)	SA Decachlor...	10.671	9.210	6627130	5830923	5.380	5.192
	Target Compounds						
3)	L1 AR-1016-1	5.920	5.158	1935529	1782299	52.747m	54.159
4)	L1 AR-1016-2	5.943	5.178	2753129	2359756	50.815m	50.768
5)	L1 AR-1016-3	6.007	5.359	1822747	1459118	57.906m	56.493
6)	L1 AR-1016-4	6.104	5.398	1359273	1282513	52.262m	55.761
7)	L1 AR-1016-5	6.399	5.615	1454647	1402279	49.256	47.544m
31)	L7 AR-1260-1	7.522	6.660	2844781	3079403	51.659m	57.304m
32)	L7 AR-1260-2	7.775	6.846	3433329	3738308	55.461m	58.112m
33)	L7 AR-1260-3	8.138	7.004	2734690	3259590	51.677	54.503
34)	L7 AR-1260-4	8.375	7.479	3330670	2588140	54.406m	48.937
35)	L7 AR-1260-5	8.713	7.717	5830709	6019552	52.824	51.014

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

ICAL Form

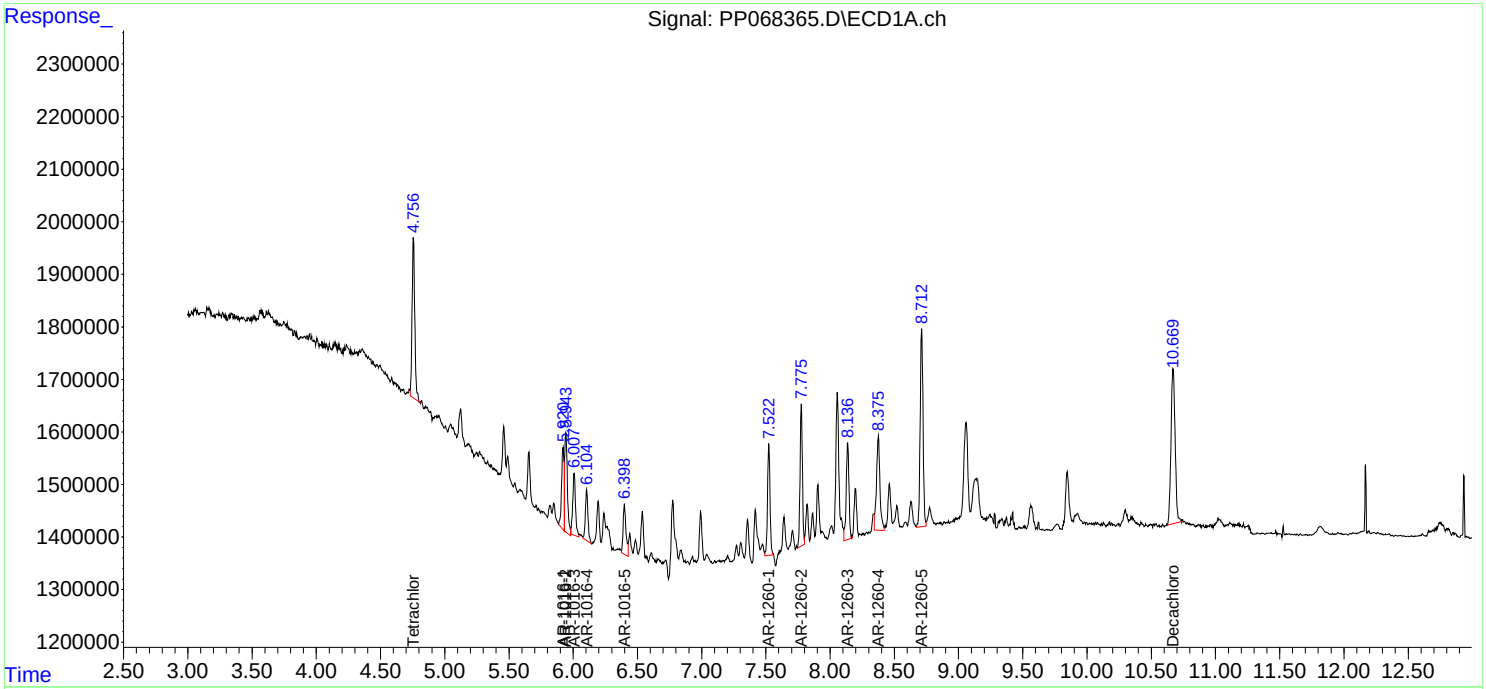
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068365.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 03:51
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

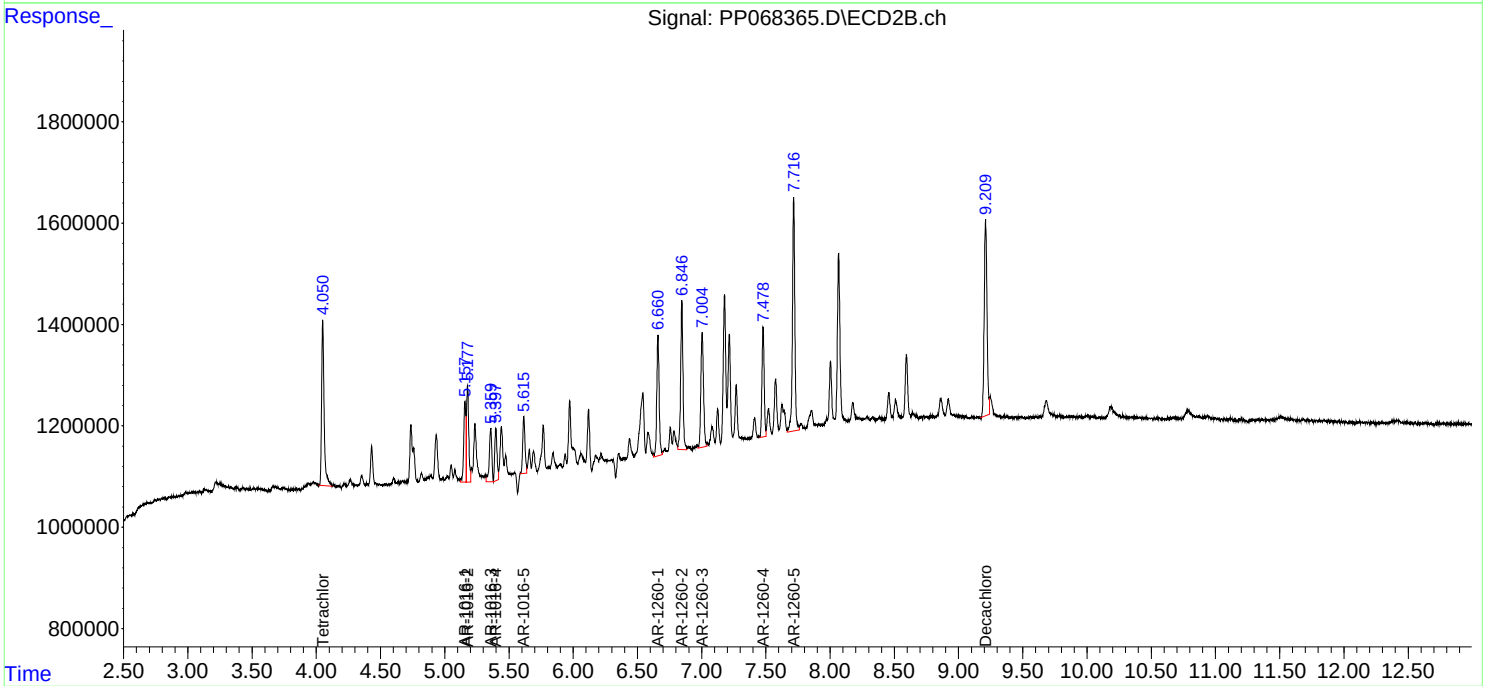
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

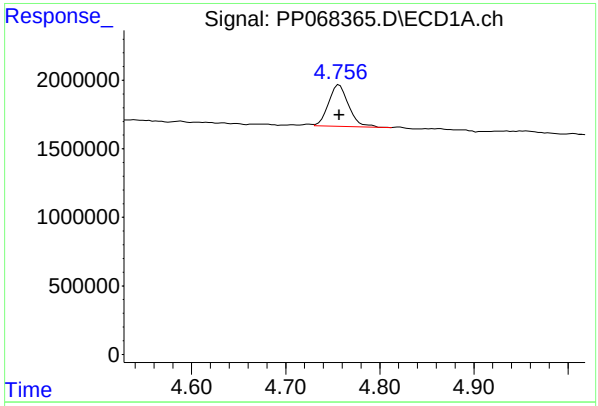
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 04:10:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 04:05:53 2024
Response via : Initial Calibration
Integrator: ChemStation

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







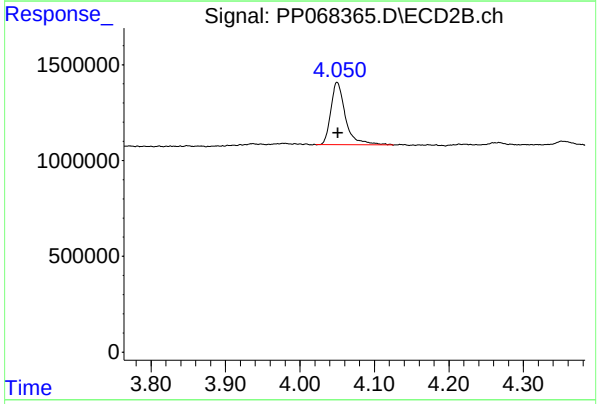
#1 Tetrachloro-m-xylene

R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 4476350
Conc: 4.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

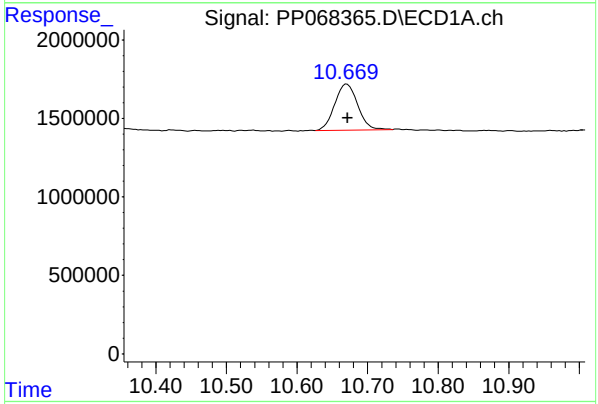
Manual Integrations APPROVED

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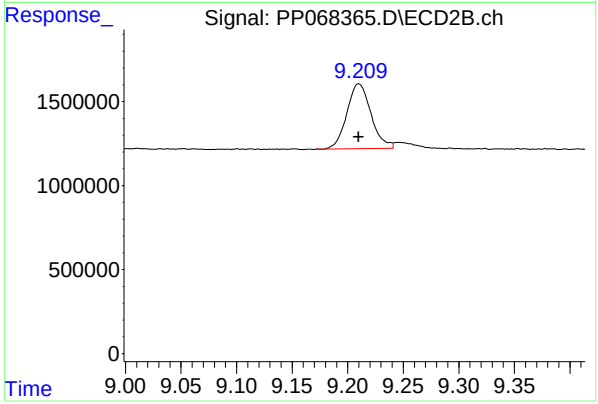
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 4464468
Conc: 4.56 ng/ml



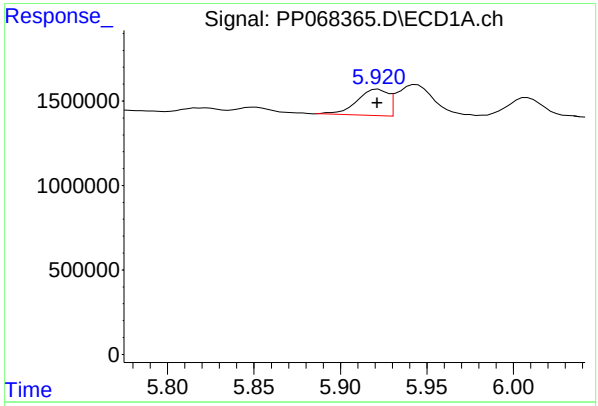
#2 Decachlorobiphenyl

R.T.: 10.671 min
Delta R.T.: -0.001 min
Response: 6627130
Conc: 5.38 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.210 min
Delta R.T.: 0.000 min
Response: 5830923
Conc: 5.19 ng/ml



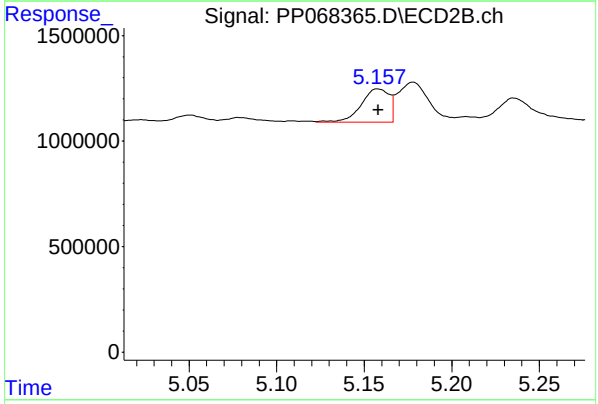
#3 AR-1016-1

R.T.: 5.920 min
Delta R.T.: 0.000 mi
Response: 1935529
Conc: 52.75 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

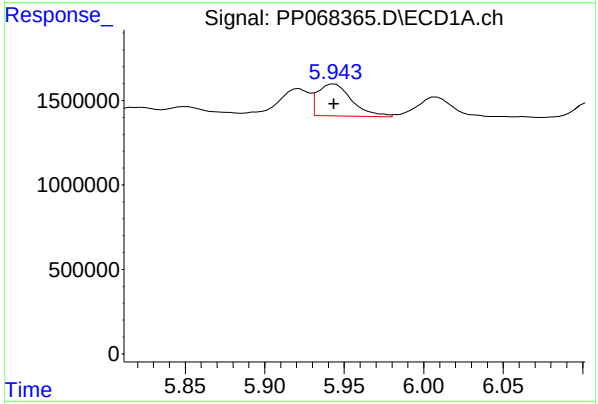
Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 11/11/2024



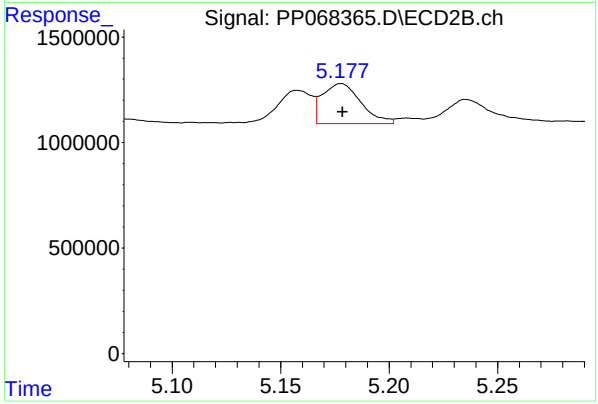
#3 AR-1016-1

R.T.: 5.158 min
Delta R.T.: 0.000 min
Response: 1782299
Conc: 54.16 ng/ml



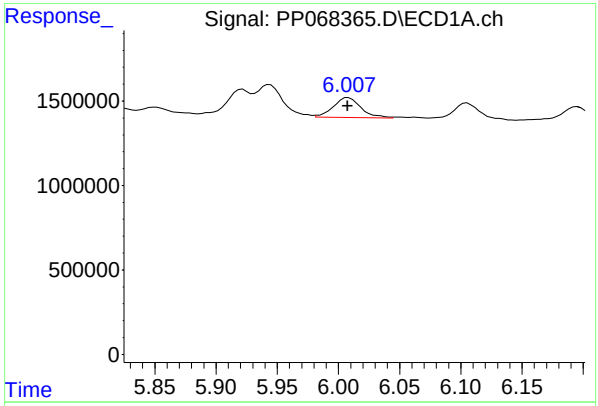
#4 AR-1016-2

R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 2753129
Conc: 50.82 ng/ml m



#4 AR-1016-2

R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 2359756
Conc: 50.77 ng/ml



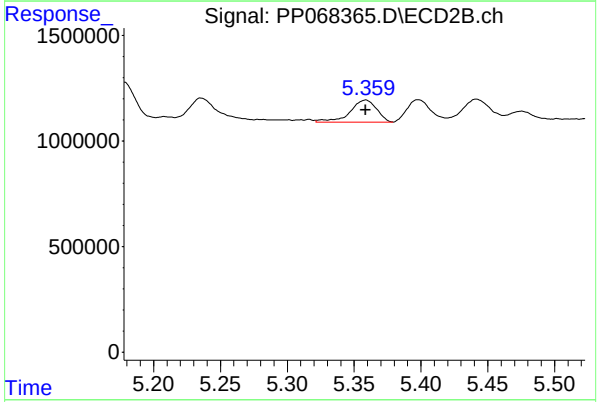
#5 AR-1016-3

R.T.: 6.007 min
Delta R.T.: -0.001 mi
Response: 1822747
Conc: 57.91 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

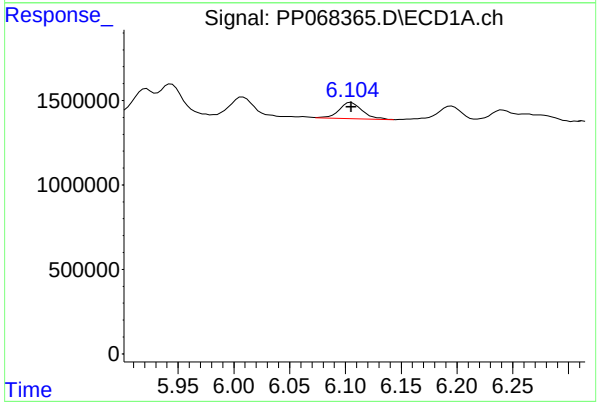
Manual Integrations APPROVED

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Supervised By :Ankita Jodhani 11/11/2024



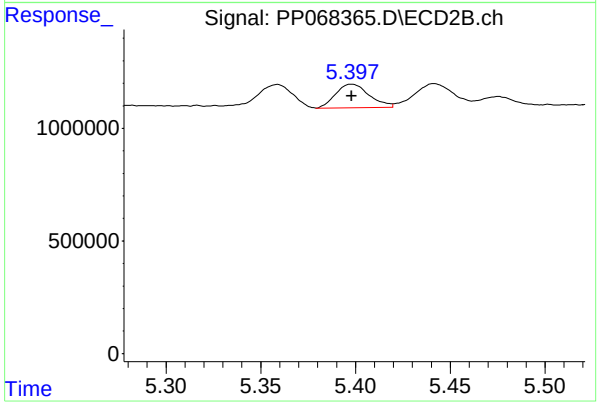
#5 AR-1016-3

R.T.: 5.359 min
Delta R.T.: 0.000 min
Response: 1459118
Conc: 56.49 ng/ml



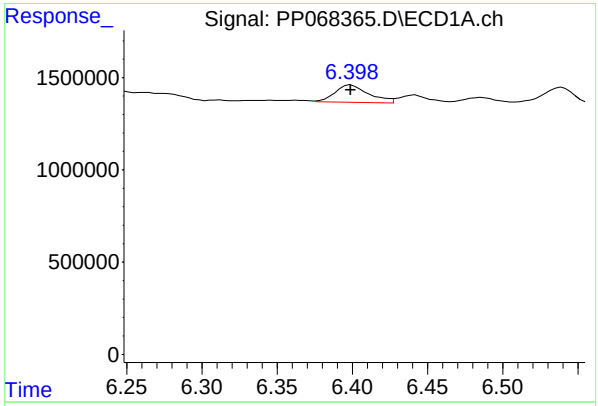
#6 AR-1016-4

R.T.: 6.104 min
Delta R.T.: -0.001 min
Response: 1359273
Conc: 52.26 ng/ml m



#6 AR-1016-4

R.T.: 5.398 min
Delta R.T.: 0.000 min
Response: 1282513
Conc: 55.76 ng/ml



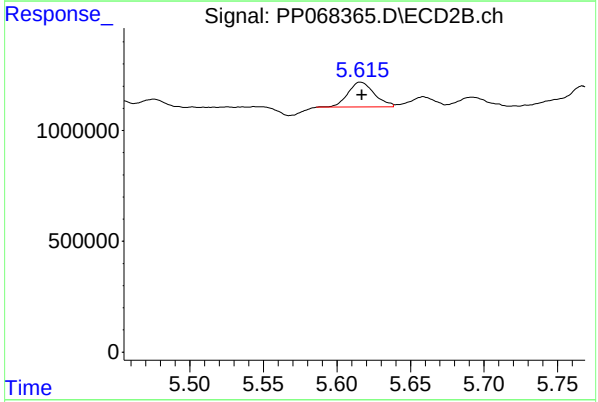
#7 AR-1016-5

R.T.: 6.399 min
Delta R.T.: 0.000 mi
Response: 1454647
Conc: 49.26 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

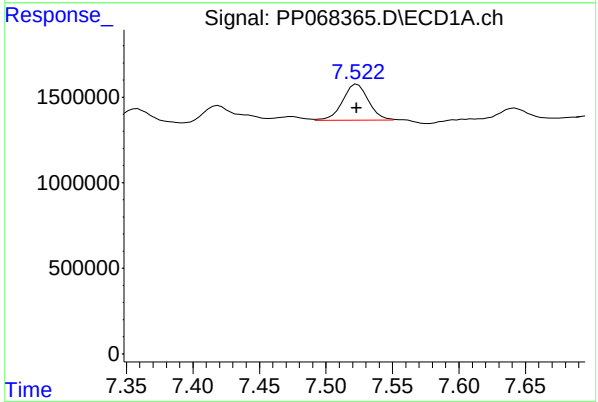
Manual Integrations APPROVED

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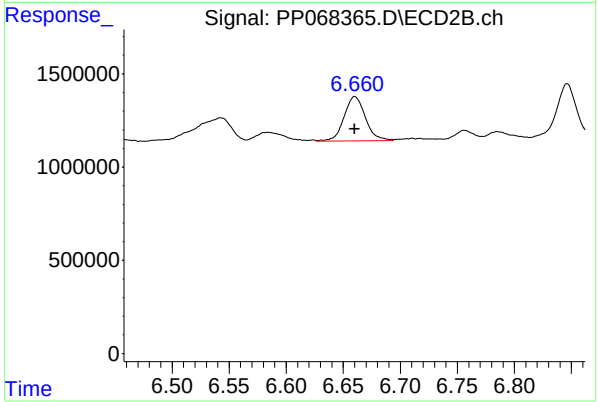
#7 AR-1016-5

R.T.: 5.615 min
Delta R.T.: -0.002 min
Response: 1402279
Conc: 47.54 ng/ml m



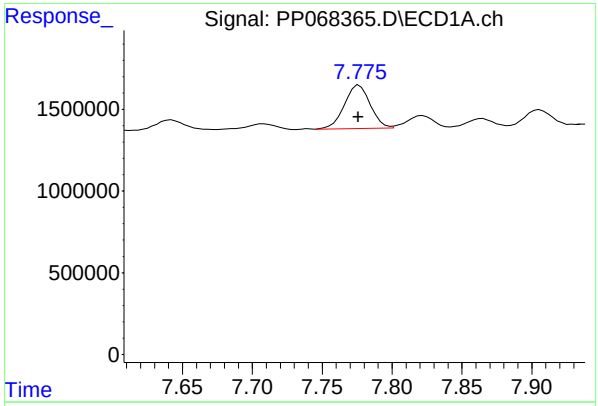
#31 AR-1260-1

R.T.: 7.522 min
Delta R.T.: 0.000 min
Response: 2844781
Conc: 51.66 ng/ml m



#31 AR-1260-1

R.T.: 6.660 min
Delta R.T.: 0.000 min
Response: 3079403
Conc: 57.30 ng/ml m



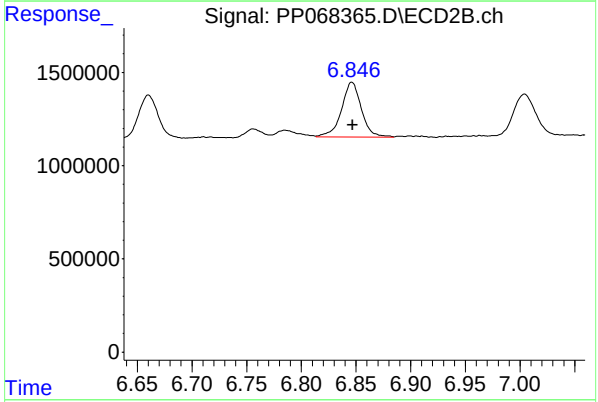
#32 AR-1260-2

R.T.: 7.775 min
Delta R.T.: 0.000 mi
Response: 3433329
Conc: 55.46 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

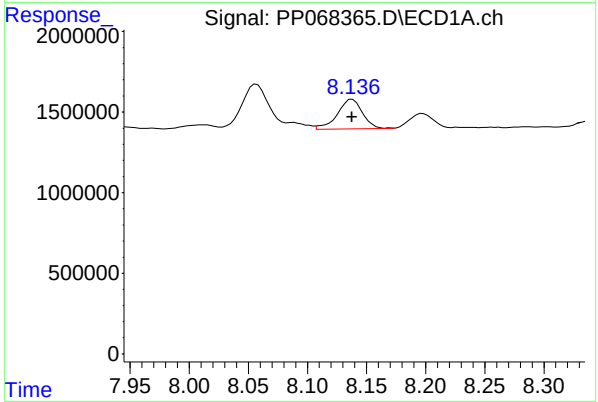
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



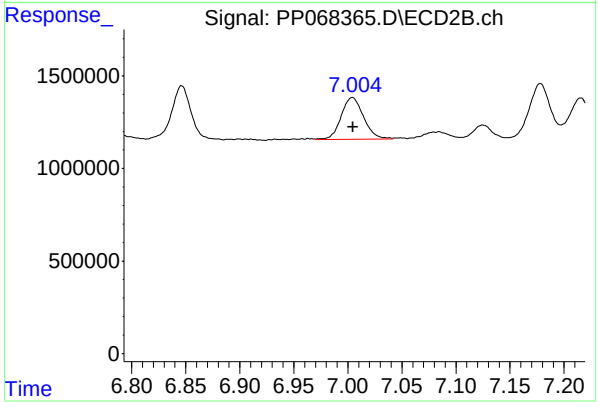
#32 AR-1260-2

R.T.: 6.846 min
Delta R.T.: -0.001 min
Response: 3738308
Conc: 58.11 ng/ml m



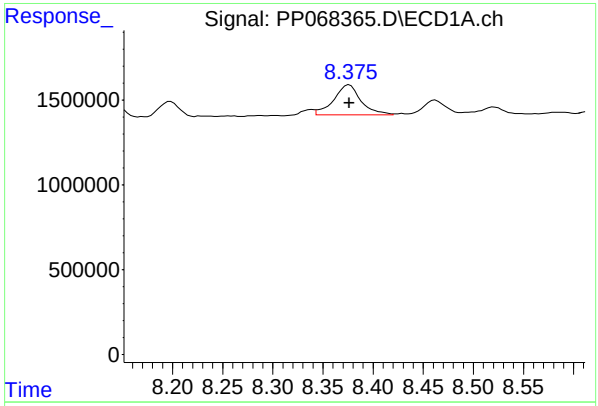
#33 AR-1260-3

R.T.: 8.138 min
Delta R.T.: 0.000 min
Response: 2734690
Conc: 51.68 ng/ml



#33 AR-1260-3

R.T.: 7.004 min
Delta R.T.: 0.000 min
Response: 3259590
Conc: 54.50 ng/ml



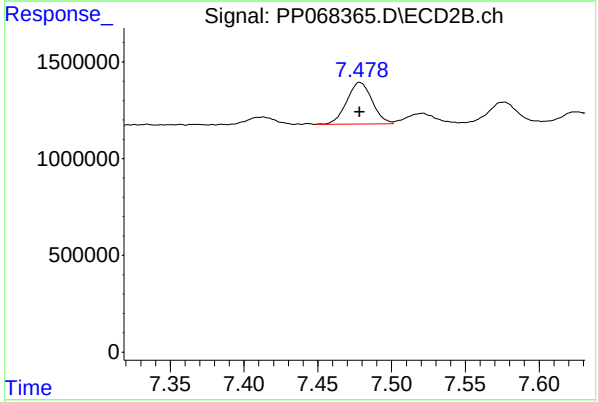
#34 AR-1260-4

R.T.: 8.375 min
Delta R.T.: -0.001 min
Response: 3330670
Conc: 54.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

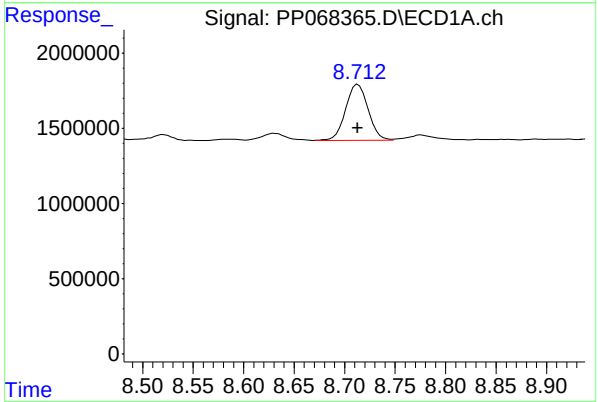
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



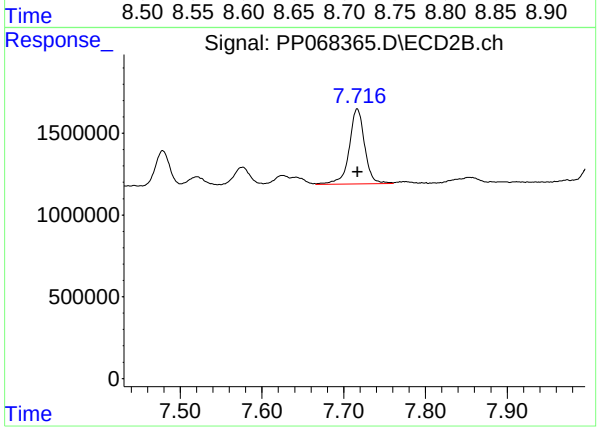
#34 AR-1260-4

R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 2588140
Conc: 48.94 ng/ml



#35 AR-1260-5

R.T.: 8.713 min
Delta R.T.: 0.000 min
Response: 5830709
Conc: 52.82 ng/ml



#35 AR-1260-5

R.T.: 7.717 min
Delta R.T.: 0.000 min
Response: 6019552
Conc: 51.01 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068366.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 04:07
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: Nov 08 04:25:06 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 04:24:49 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.761	4.051	54487906	51485990	50.000	50.000
2)	SA Decachlor...	10.675	9.210	63373578	58168629	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	4.962	4.266	6781091	6305196	500.000	500.000
9)	L2 AR-1221-2	5.049	4.354	5042781	4886468	500.000	500.000
10)	L2 AR-1221-3	5.126	4.432	15129940	15245448	500.000	500.000

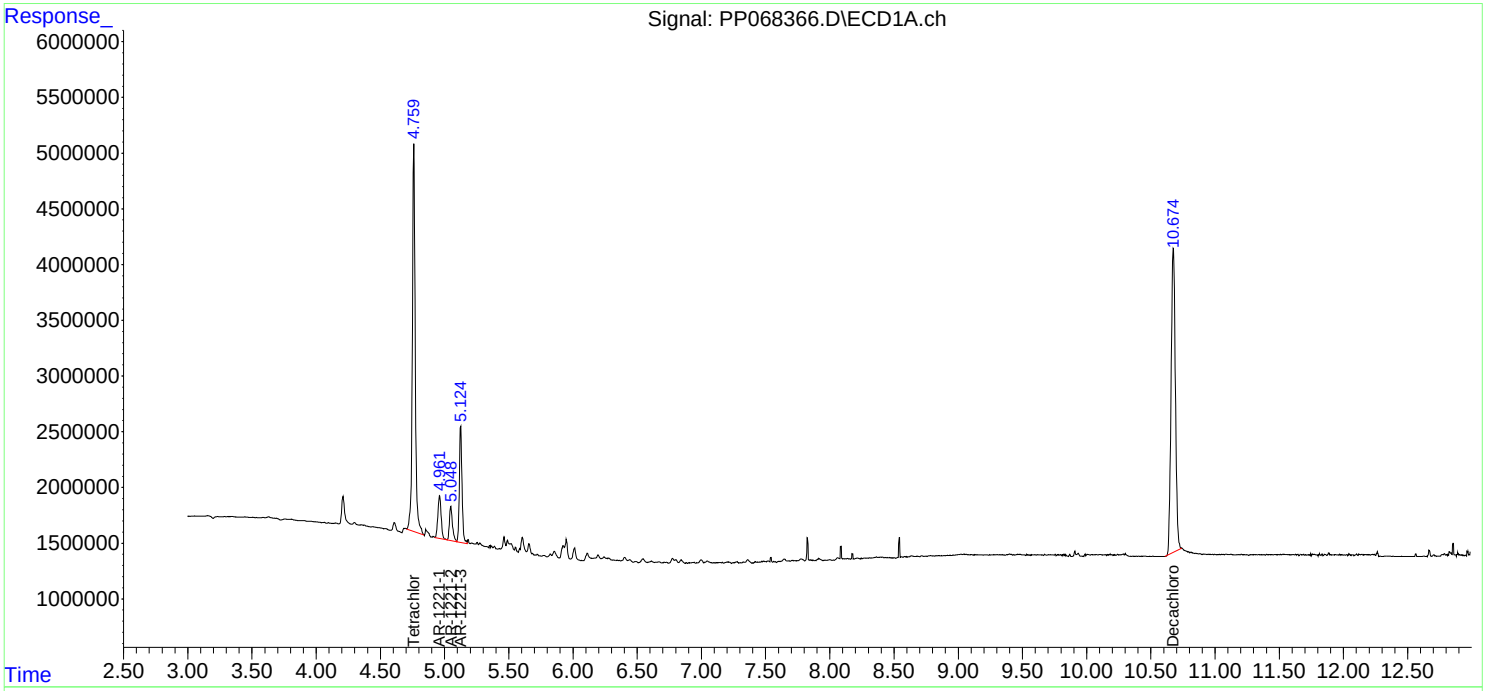
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

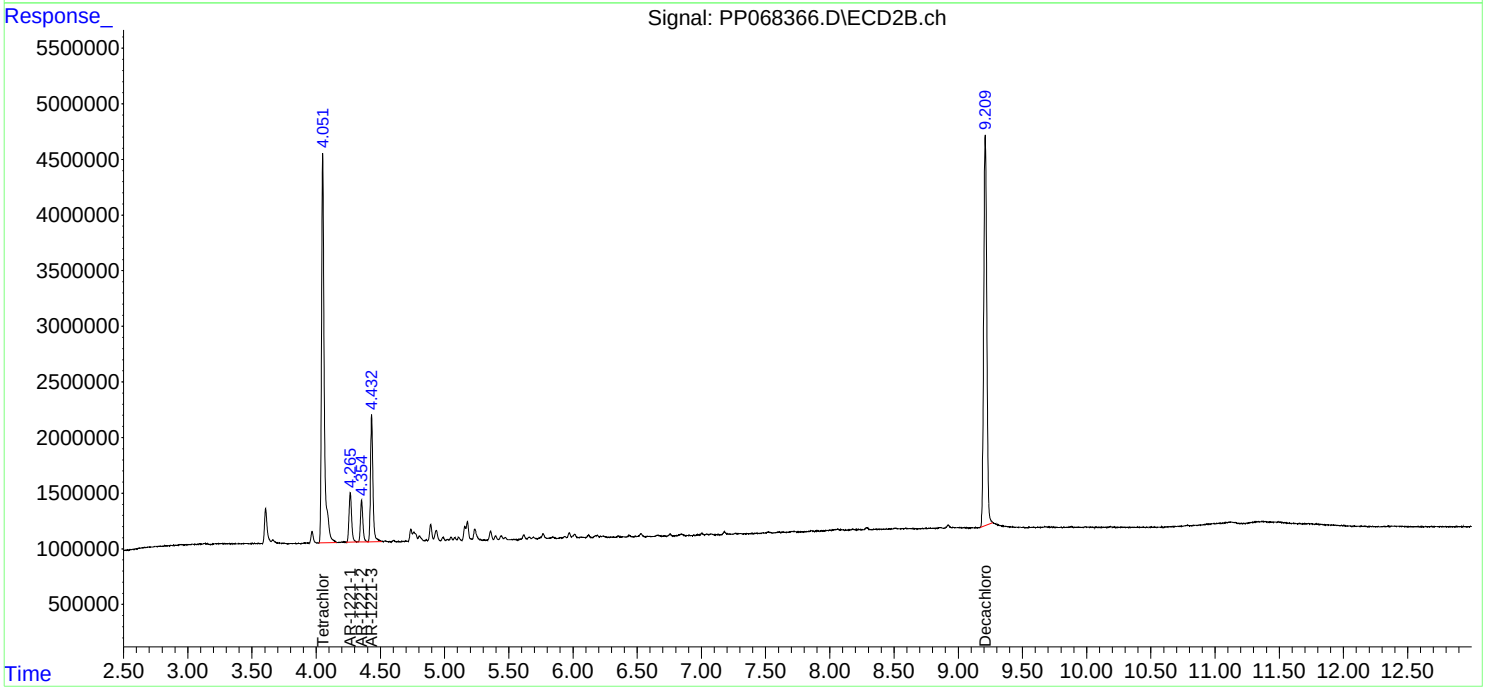
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068366.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 04:07
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

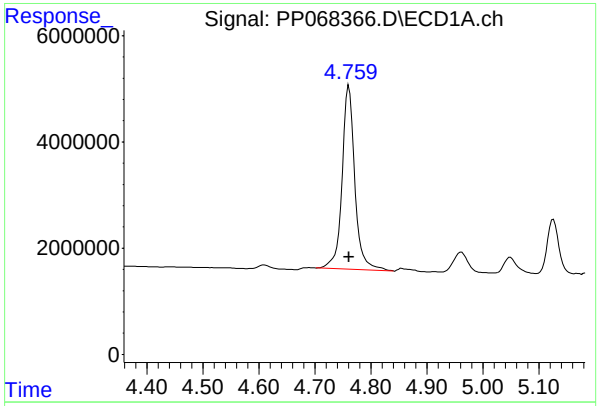
Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 04:25:06 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 04:24:49 2024
Response via : Initial Calibration
Integrator: ChemStation

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



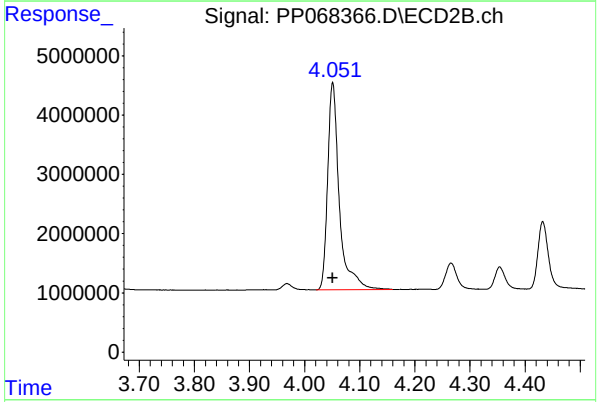




#1 Tetrachloro-m-xylene

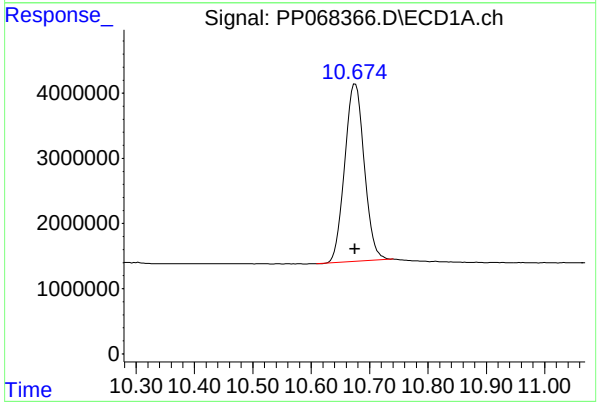
R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 54487906
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



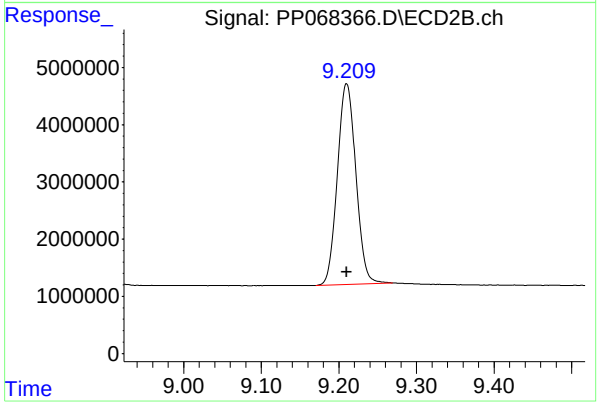
#1 Tetrachloro-m-xylene

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 51485990
Conc: 50.00 ng/ml



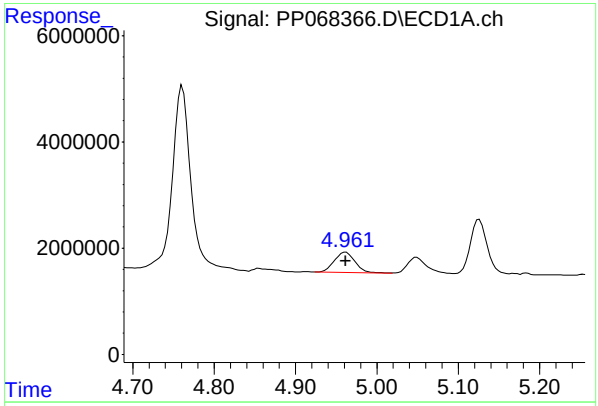
#2 Decachlorobiphenyl

R.T.: 10.675 min
Delta R.T.: 0.000 min
Response: 63373578
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

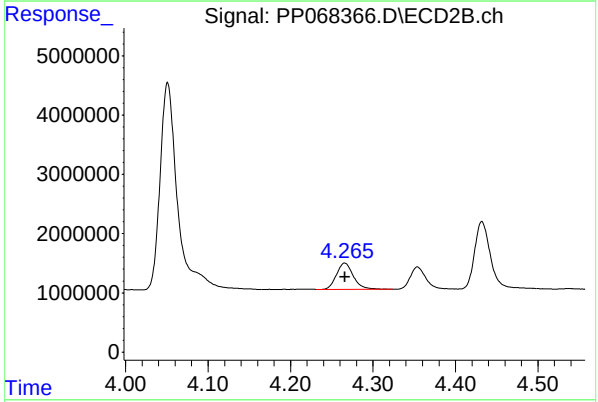
R.T.: 9.210 min
Delta R.T.: 0.000 min
Response: 58168629
Conc: 50.00 ng/ml



#8 AR-1221-1

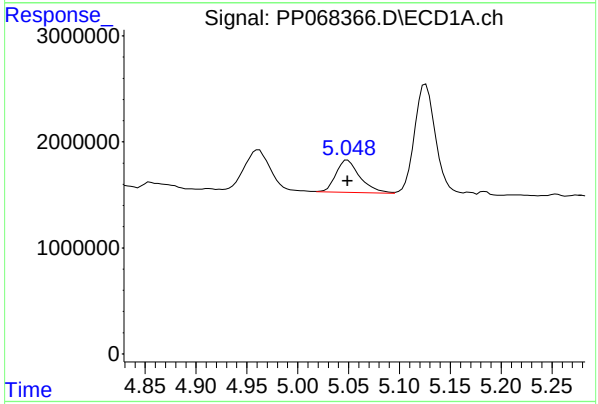
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 6781091
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



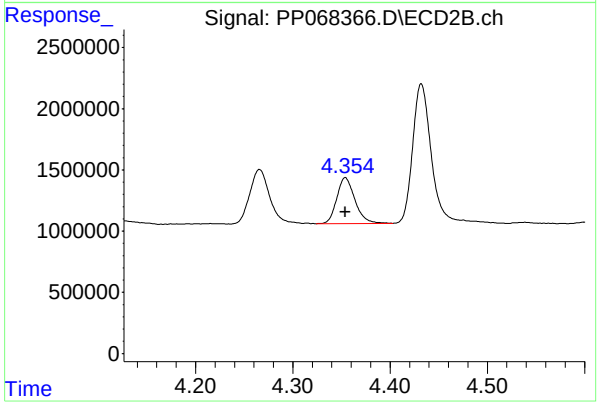
#8 AR-1221-1

R.T.: 4.266 min
Delta R.T.: 0.000 min
Response: 6305196
Conc: 500.00 ng/ml



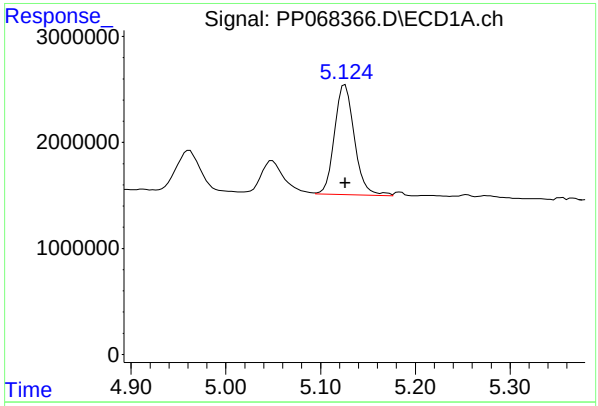
#9 AR-1221-2

R.T.: 5.049 min
Delta R.T.: 0.000 min
Response: 5042781
Conc: 500.00 ng/ml



#9 AR-1221-2

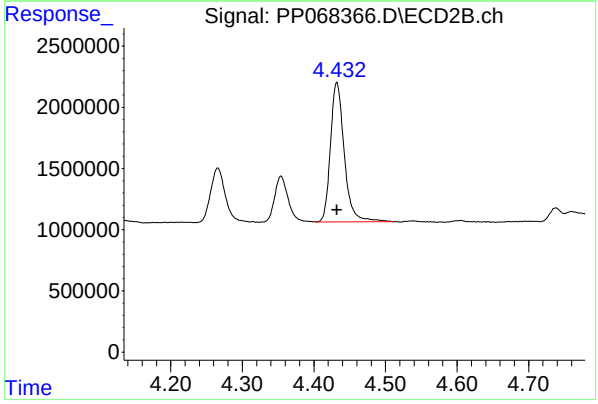
R.T.: 4.354 min
Delta R.T.: 0.000 min
Response: 4886468
Conc: 500.00 ng/ml



#10 AR-1221-3

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 15129940
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



#10 AR-1221-3

R.T.: 4.432 min
Delta R.T.: 0.000 min
Response: 15245448
Conc: 500.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068367.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 04:23
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: Nov 08 04:40:29 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 04:40:21 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.757	4.050	47373418	48409734	50.000	50.000
2) SA	Decachlor...	10.672	9.209	62372826	55370942	50.000	50.000
	Target Compounds						
11) L3	AR-1232-1	5.122	4.431	11659778	11800808	500.000	500.000
12) L3	AR-1232-2	5.656	5.177	7477363	10892579	500.000	500.000
13) L3	AR-1232-3	5.943	5.357	12527043	5605320	500.000	500.000
14) L3	AR-1232-4	6.105	5.441	6189085	5478256	500.000	500.000
15) L3	AR-1232-5	6.194	5.616	4972401	6160021	500.000	500.000

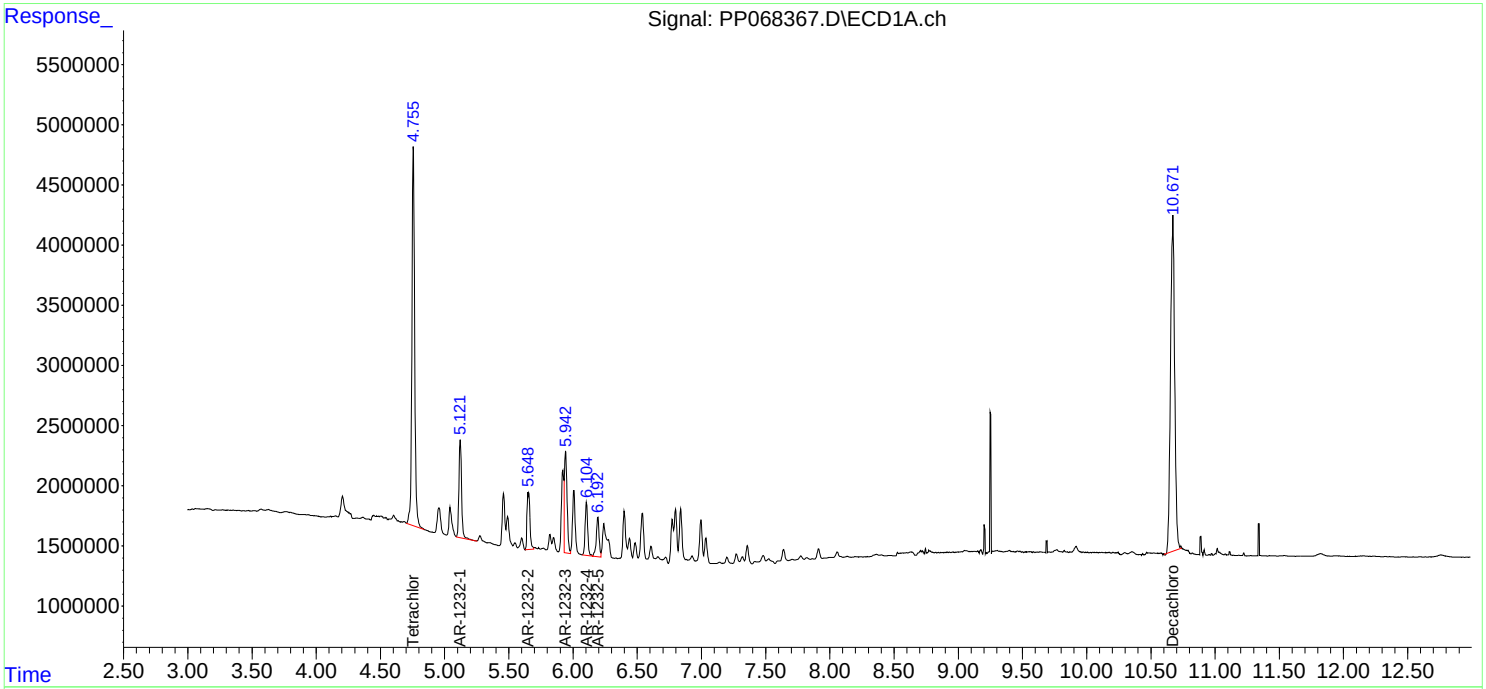
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

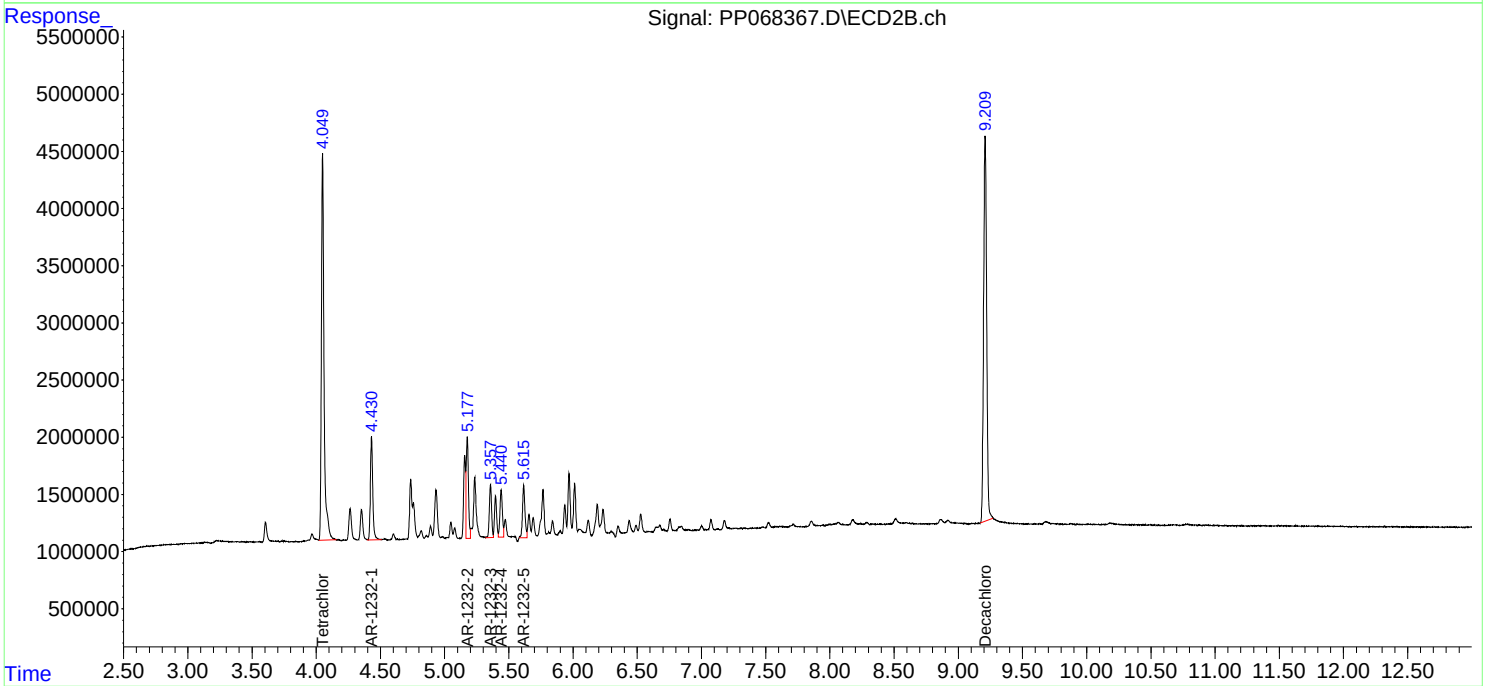
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068367.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 04:23
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

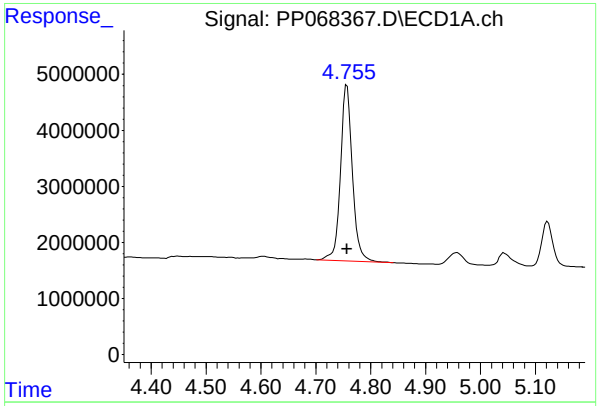
Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 04:40:29 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 04:40:21 2024
Response via : Initial Calibration
Integrator: ChemStation

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



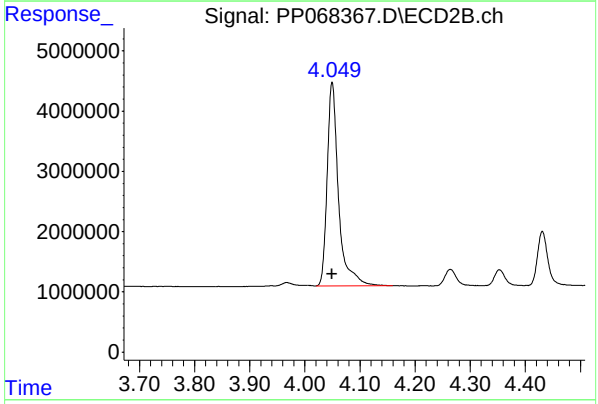




#1 Tetrachloro-m-xylene

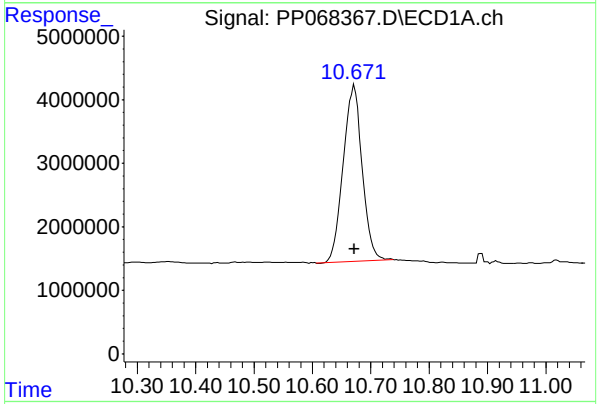
R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 47373418
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



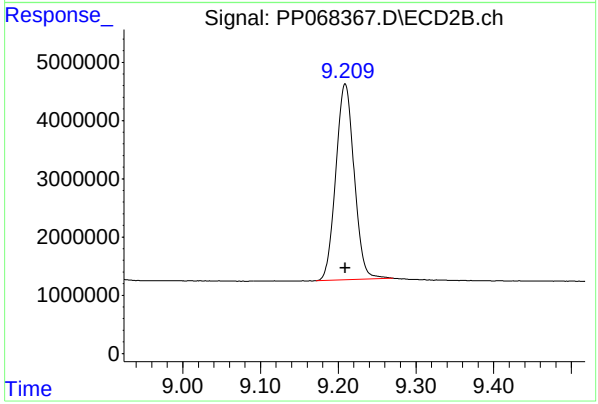
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 48409734
Conc: 50.00 ng/ml



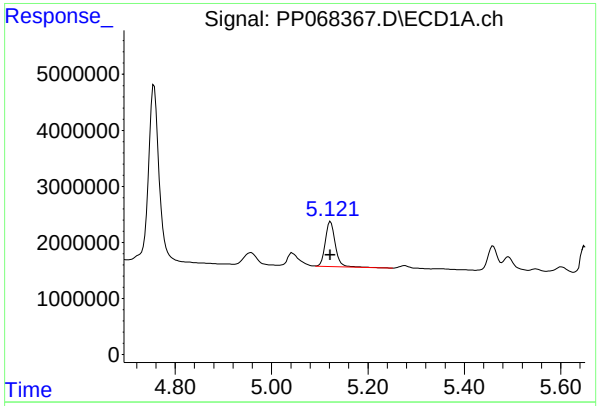
#2 Decachlorobiphenyl

R.T.: 10.672 min
Delta R.T.: 0.000 min
Response: 62372826
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

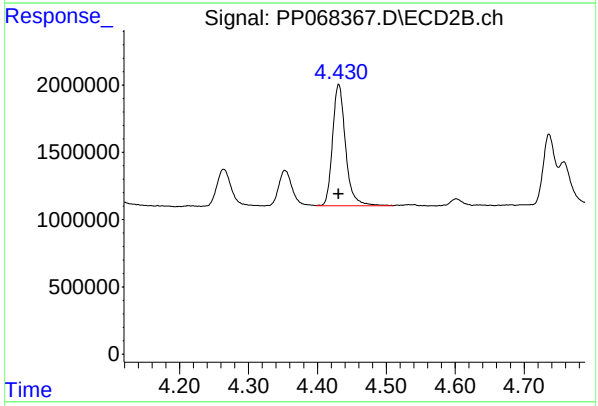
R.T.: 9.209 min
Delta R.T.: 0.000 min
Response: 55370942
Conc: 50.00 ng/ml



#11 AR-1232-1

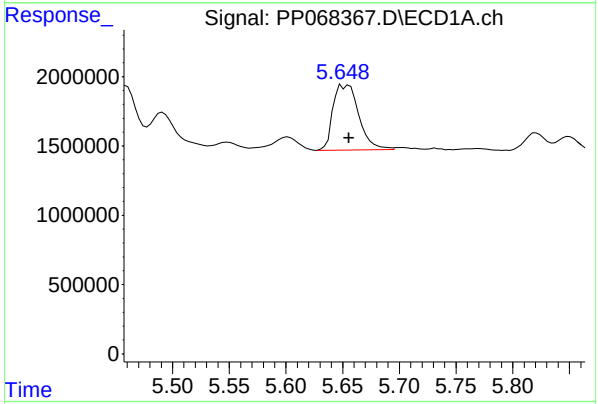
R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 11659778
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



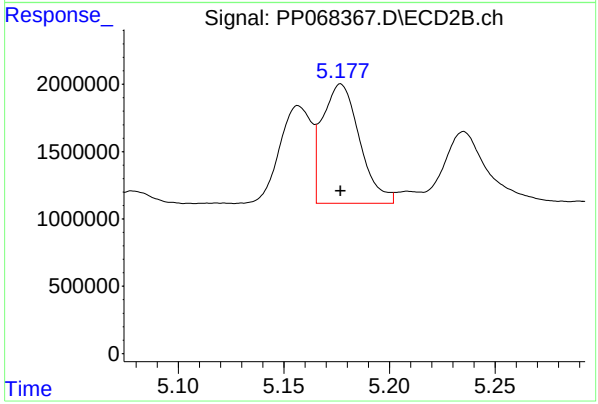
#11 AR-1232-1

R.T.: 4.431 min
Delta R.T.: 0.000 min
Response: 11800808
Conc: 500.00 ng/ml



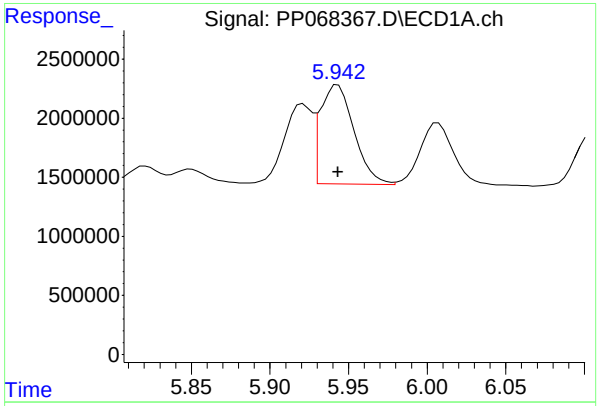
#12 AR-1232-2

R.T.: 5.656 min
Delta R.T.: 0.000 min
Response: 7477363
Conc: 500.00 ng/ml



#12 AR-1232-2

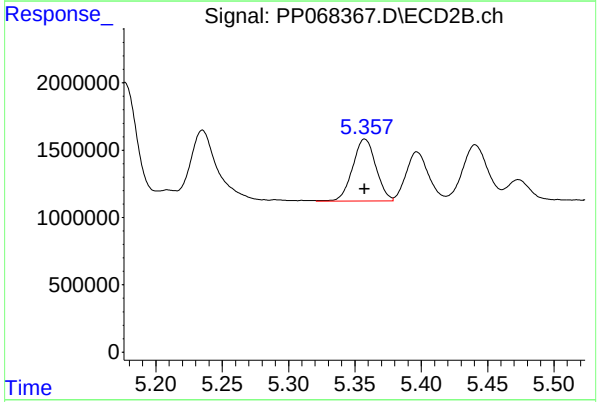
R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 10892579
Conc: 500.00 ng/ml



#13 AR-1232-3

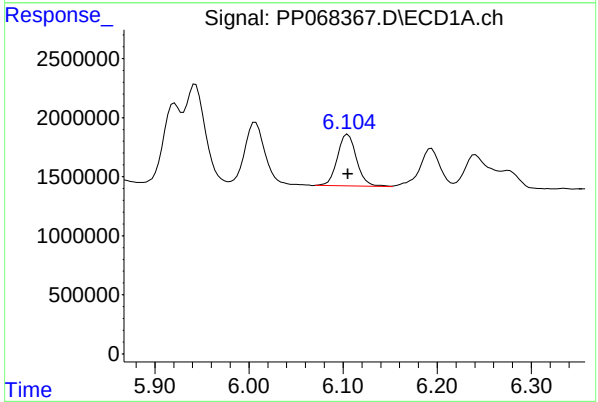
R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 12527043
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



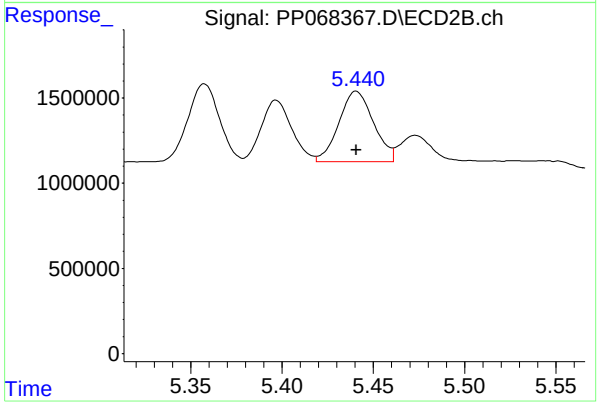
#13 AR-1232-3

R.T.: 5.357 min
Delta R.T.: 0.000 min
Response: 5605320
Conc: 500.00 ng/ml



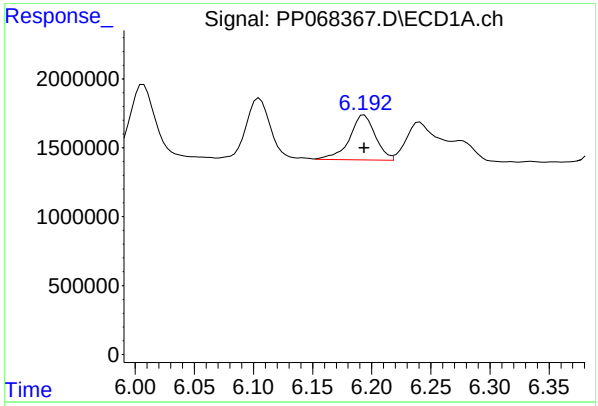
#14 AR-1232-4

R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 6189085
Conc: 500.00 ng/ml



#14 AR-1232-4

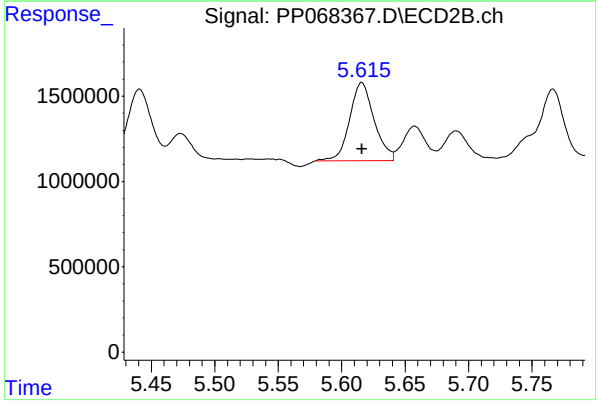
R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 5478256
Conc: 500.00 ng/ml



#15 AR-1232-5

R.T.: 6.194 min
Delta R.T.: 0.000 min
Response: 4972401
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



#15 AR-1232-5

R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 6160021
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068368.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 04:40
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: Nov 08 06:16:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 05:36:39 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.760	4.050	99245822	96623842	99.531	98.609
2)	SA Decachlor...	10.673	9.210	113.7E6	107.1E6	90.699	92.999
	Target Compounds						
16)	L4 AR-1242-1	5.925	5.158	27983462	26036404	937.252	950.729
17)	L4 AR-1242-2	5.947	5.177	42123278	36827504	957.495	949.715
18)	L4 AR-1242-3	6.010	5.358	26373595	20664122	953.762	944.883
19)	L4 AR-1242-4	6.109	5.442	21517643	21373603	976.214	919.665
20)	L4 AR-1242-5	6.842	5.971	23574356	25609316	973.562	941.259

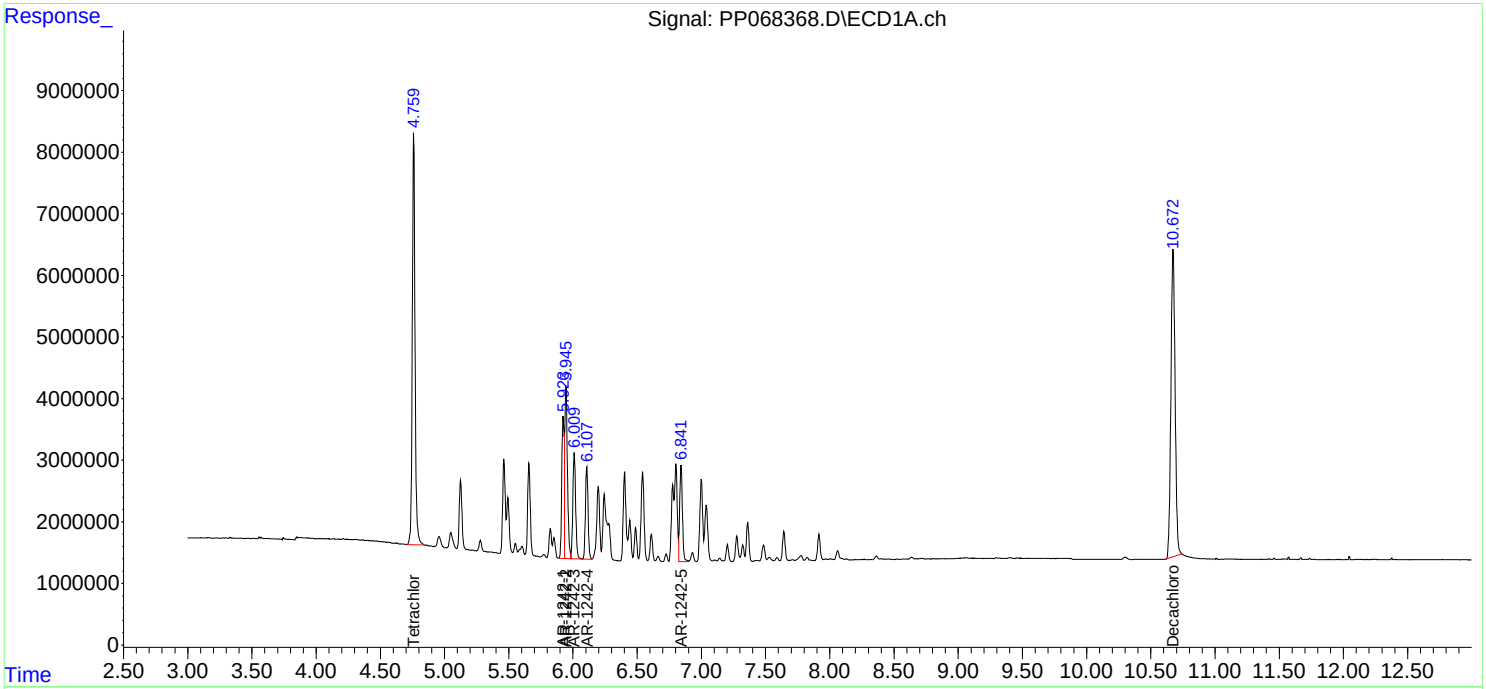
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

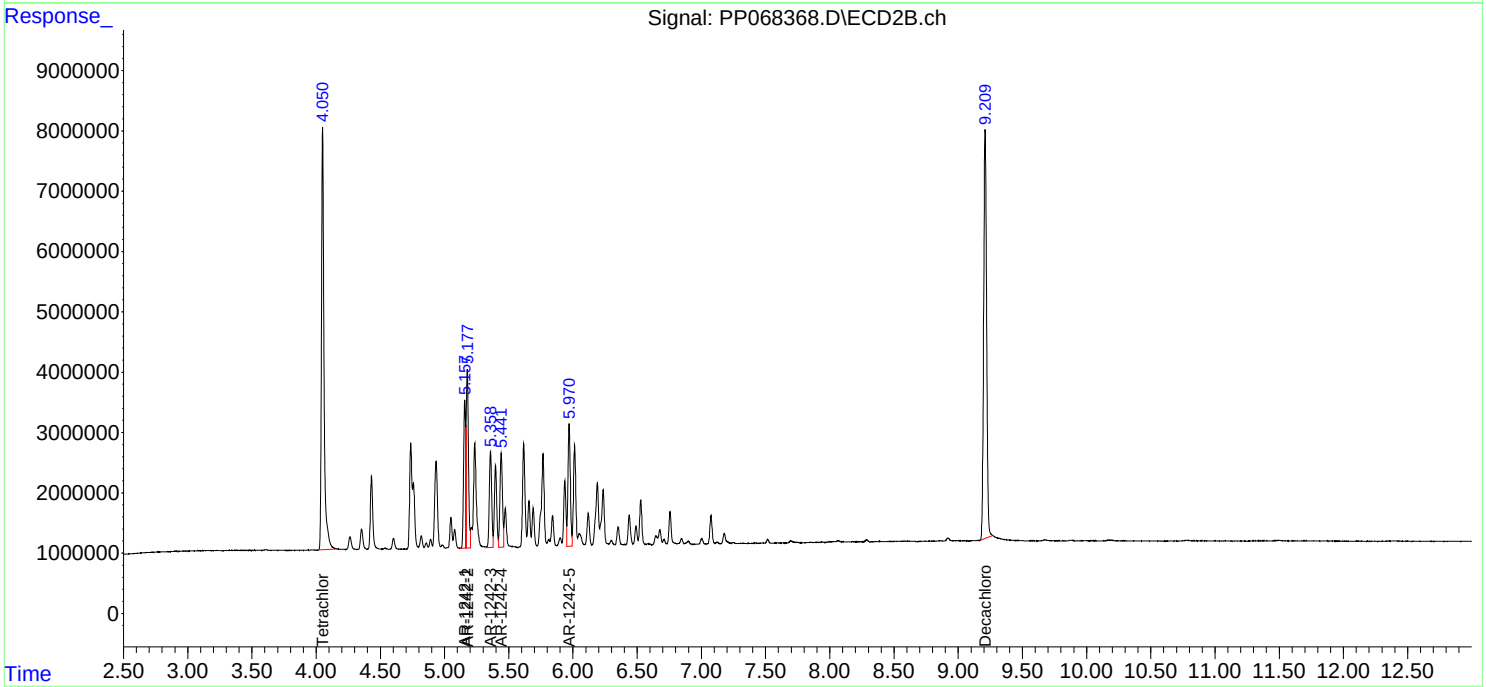
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068368.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 04:40
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

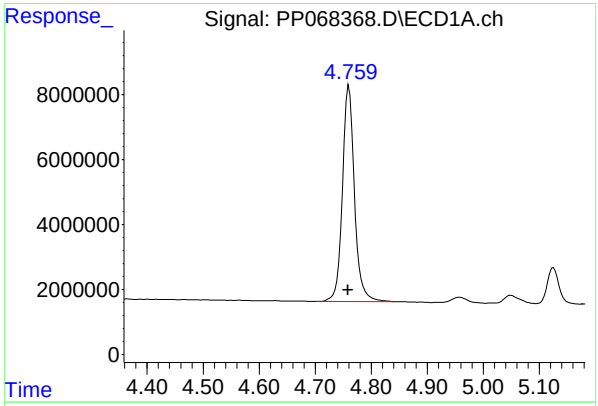
Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 06:16:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 05:36:39 2024
Response via : Initial Calibration
Integrator: ChemStation

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



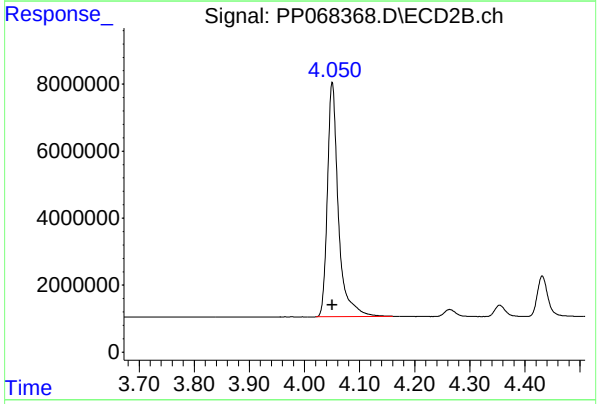




#1 Tetrachloro-m-xylene

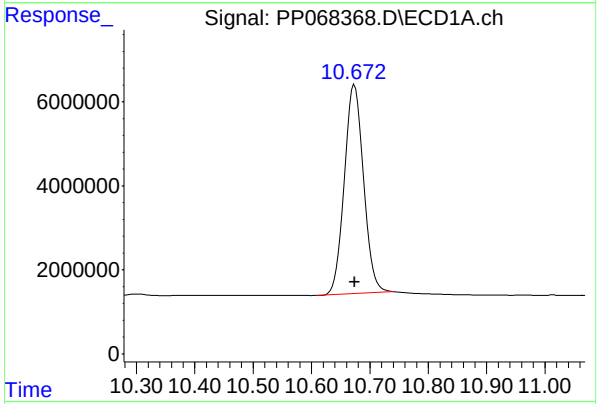
R.T.: 4.760 min
Delta R.T.: 0.001 min
Response: 99245822
Conc: 99.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



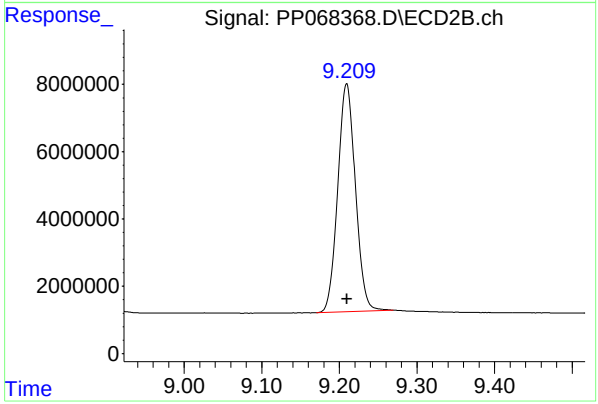
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 96623842
Conc: 98.61 ng/ml



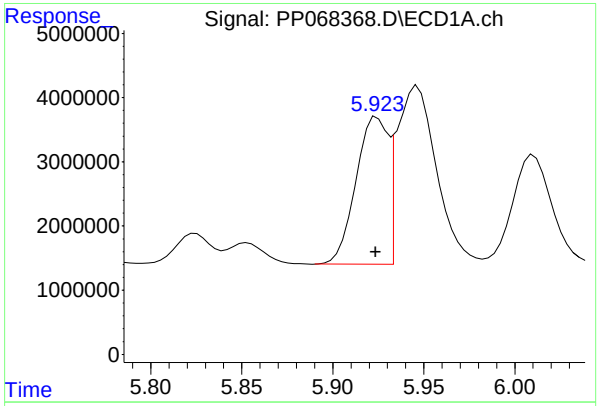
#2 Decachlorobiphenyl

R.T.: 10.673 min
Delta R.T.: 0.000 min
Response: 113695728
Conc: 90.70 ng/ml



#2 Decachlorobiphenyl

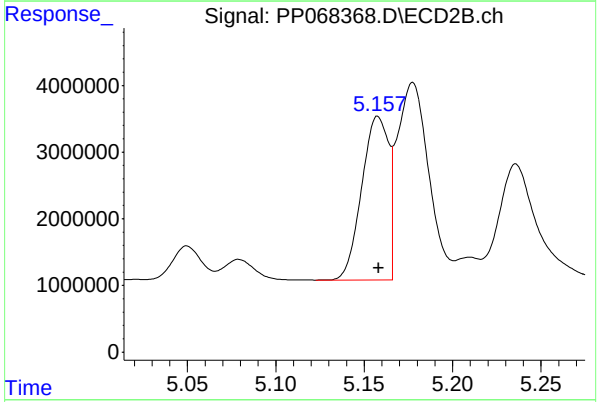
R.T.: 9.210 min
Delta R.T.: 0.000 min
Response: 107138914
Conc: 93.00 ng/ml



#16 AR-1242-1

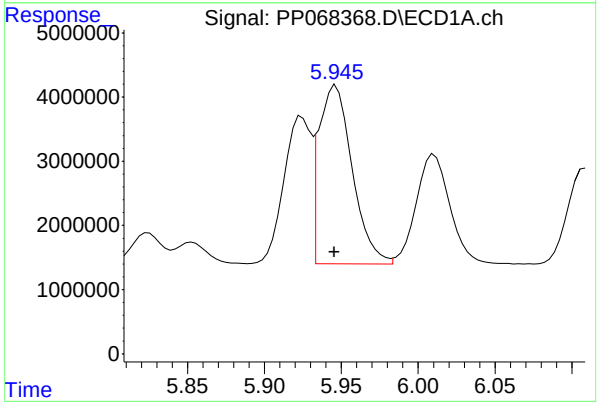
R.T.: 5.925 min
Delta R.T.: 0.001 min
Response: 27983462
Conc: 937.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



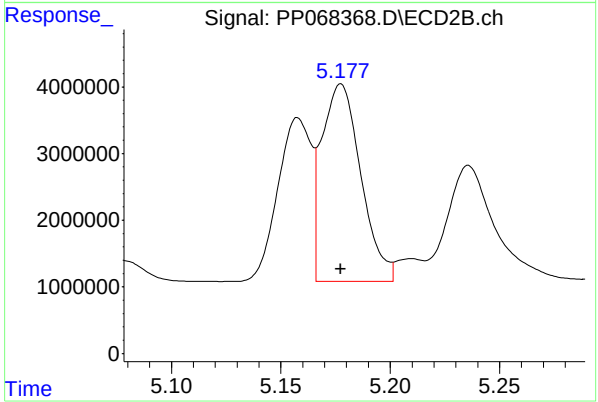
#16 AR-1242-1

R.T.: 5.158 min
Delta R.T.: 0.000 min
Response: 26036404
Conc: 950.73 ng/ml



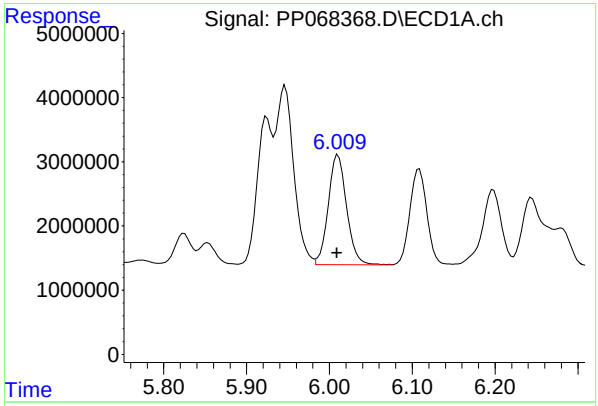
#17 AR-1242-2

R.T.: 5.947 min
Delta R.T.: 0.001 min
Response: 42123278
Conc: 957.50 ng/ml



#17 AR-1242-2

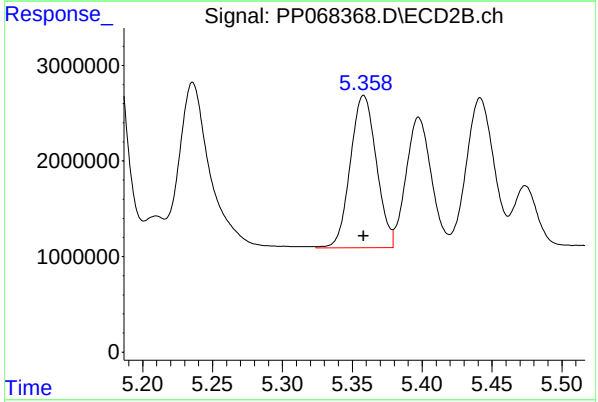
R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 36827504
Conc: 949.71 ng/ml



#18 AR-1242-3

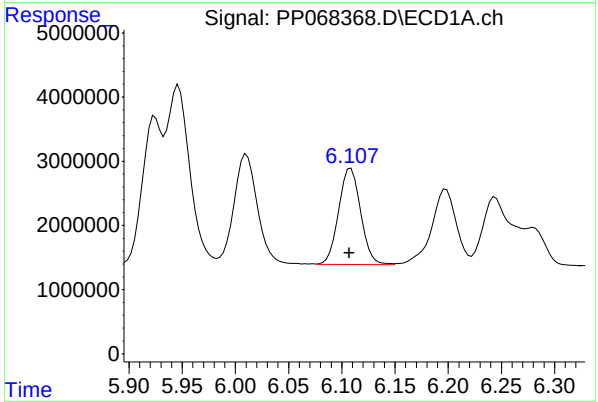
R.T.: 6.010 min
Delta R.T.: 0.001 min
Response: 26373595
Conc: 953.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



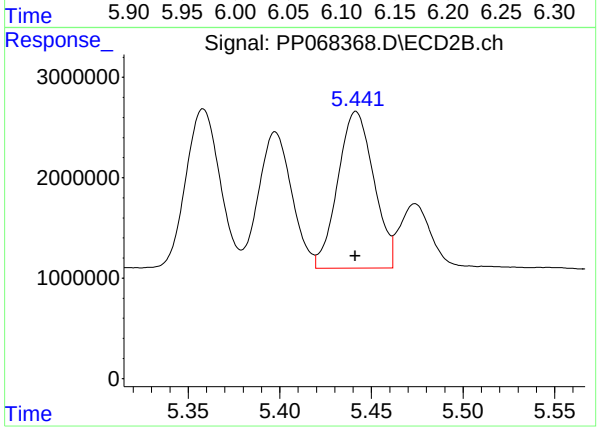
#18 AR-1242-3

R.T.: 5.358 min
Delta R.T.: 0.000 min
Response: 20664122
Conc: 944.88 ng/ml



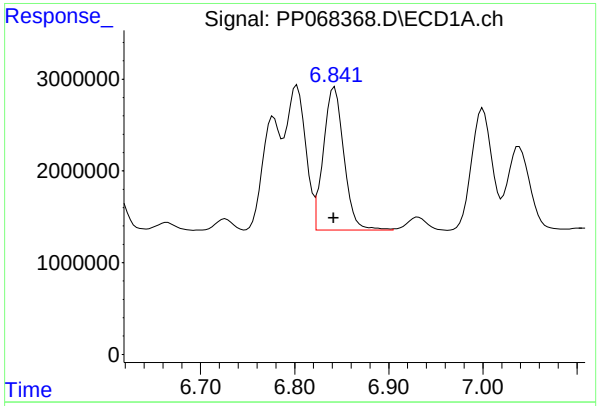
#19 AR-1242-4

R.T.: 6.109 min
Delta R.T.: 0.001 min
Response: 21517643
Conc: 976.21 ng/ml



#19 AR-1242-4

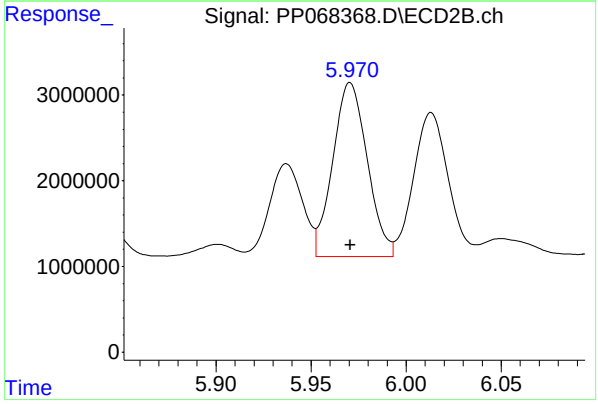
R.T.: 5.442 min
Delta R.T.: 0.000 min
Response: 21373603
Conc: 919.66 ng/ml



#20 AR-1242-5

R.T.: 6.842 min
Delta R.T.: 0.000 min
Response: 23574356
Conc: 973.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



#20 AR-1242-5

R.T.: 5.971 min
Delta R.T.: 0.000 min
Response: 25609316
Conc: 941.26 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068369.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 04:56
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 06:16:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 05:36:39 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.757	4.051	73701317	72902231	73.913	74.400
2)	SA Decachlor...	10.671	9.210	89329907	79864244	71.261	69.324
	Target Compounds						
16)	L4 AR-1242-1	5.921	5.158	21707847	19947336	727.063	728.384
17)	L4 AR-1242-2	5.943	5.178	32662914	28089404	742.454	724.375
18)	L4 AR-1242-3	6.007	5.359	20651932	15418603	746.847	705.027
19)	L4 AR-1242-4	6.105	5.442	16748446	16360633	759.845	703.966
20)	L4 AR-1242-5	6.838	5.971	18720909	20154463	773.126m	740.769

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068369.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 04:56
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

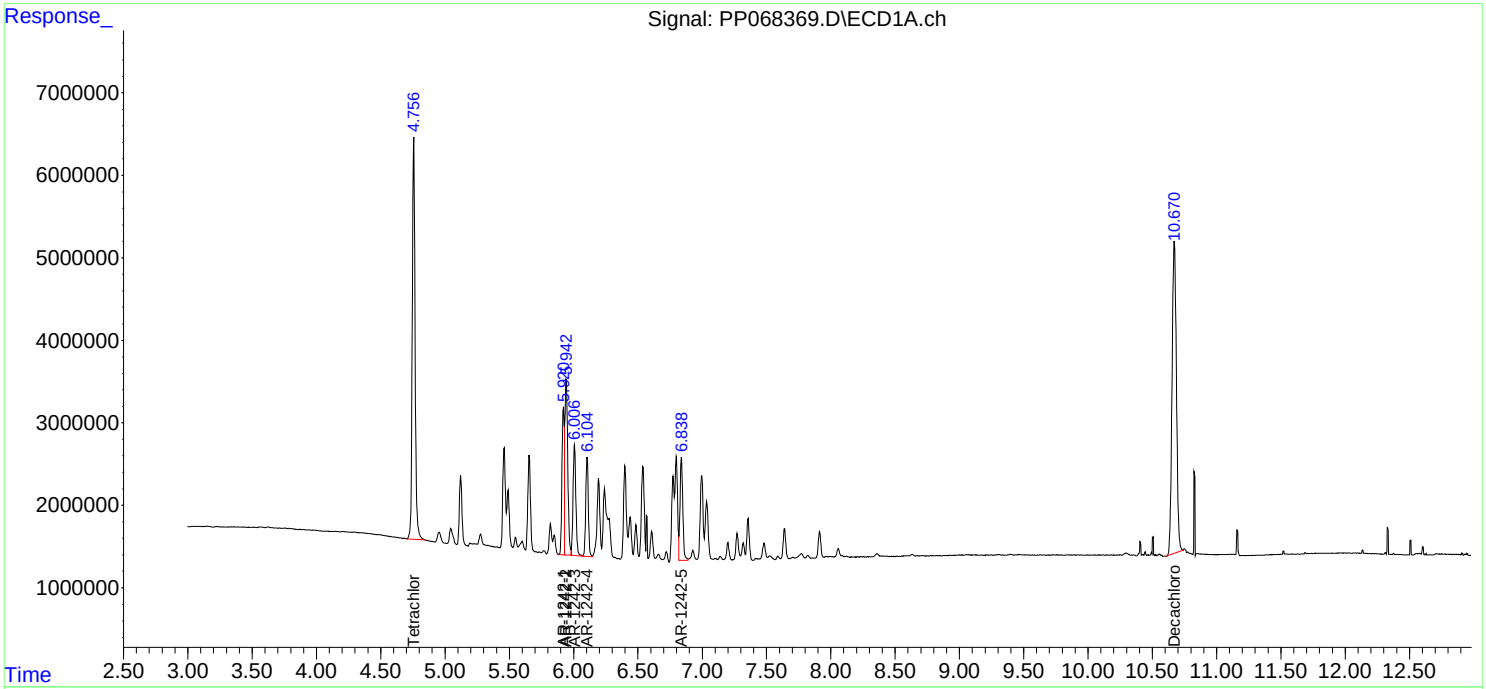
Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

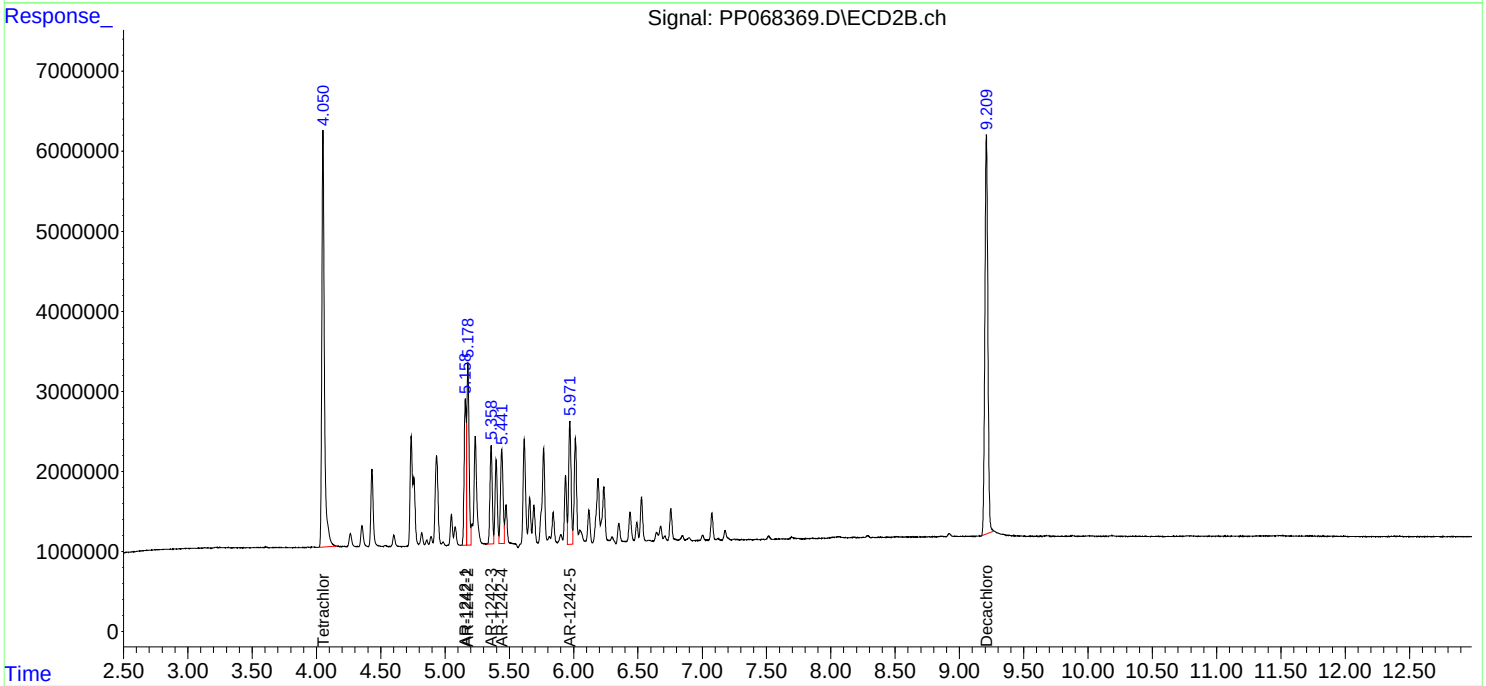
Manual Integrations APPROVED

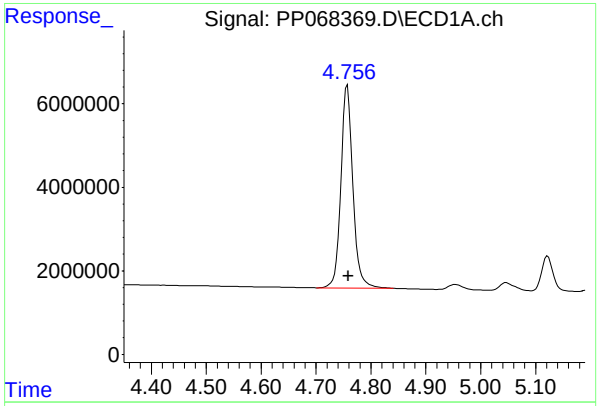
Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 06:16:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 05:36:39 2024
Response via : Initial Calibration
Integrator: ChemStation

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







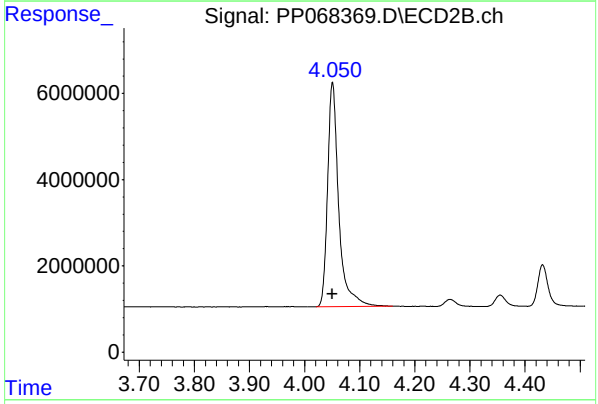
#1 Tetrachloro-m-xylene

R.T.: 4.757 min
Delta R.T.: -0.002 min
Response: 73701317
Conc: 73.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

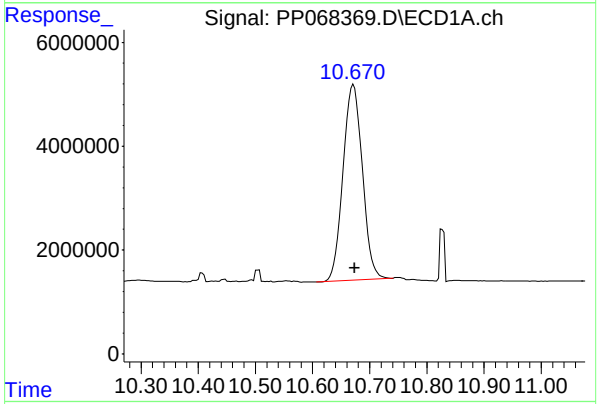
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



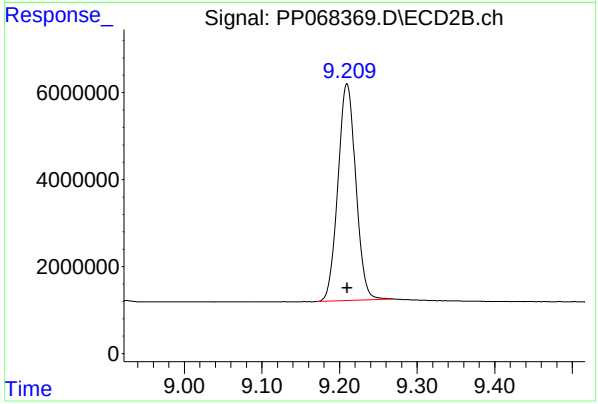
#1 Tetrachloro-m-xylene

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 72902231
Conc: 74.40 ng/ml



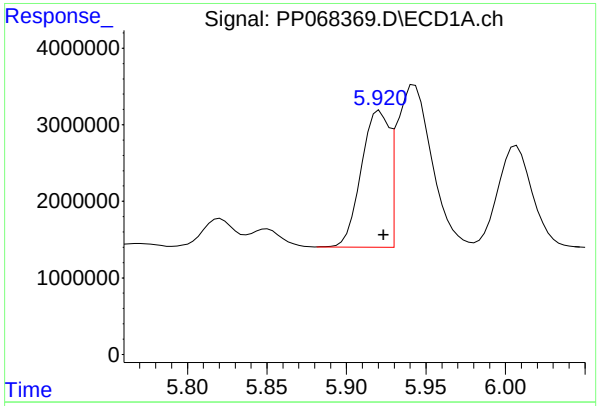
#2 Decachlorobiphenyl

R.T.: 10.671 min
Delta R.T.: -0.002 min
Response: 89329907
Conc: 71.26 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.210 min
Delta R.T.: 0.000 min
Response: 79864244
Conc: 69.32 ng/ml



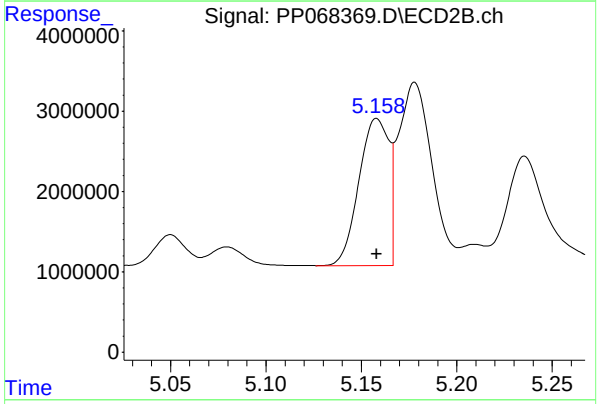
#16 AR-1242-1

R.T.: 5.921 min
Delta R.T.: -0.002 min
Response: 21707847
Conc: 727.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

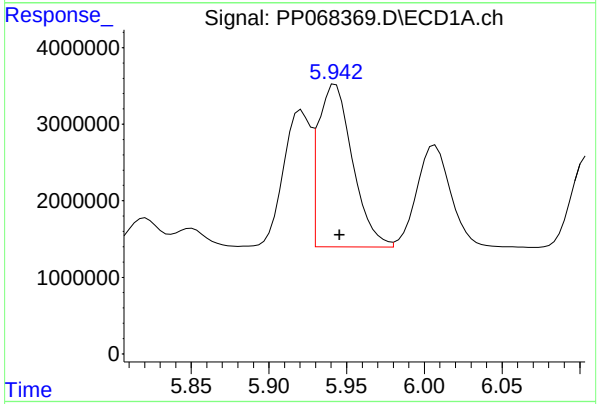
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



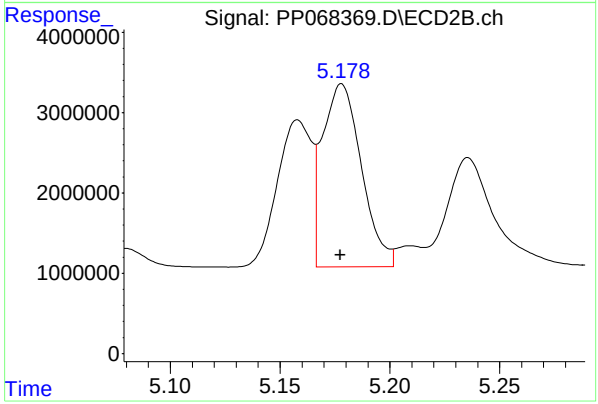
#16 AR-1242-1

R.T.: 5.158 min
Delta R.T.: 0.000 min
Response: 19947336
Conc: 728.38 ng/ml



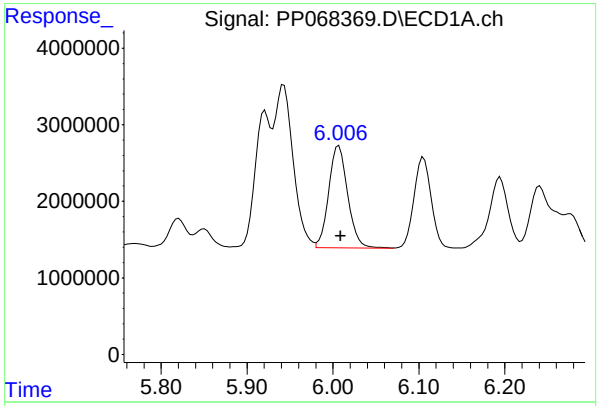
#17 AR-1242-2

R.T.: 5.943 min
Delta R.T.: -0.003 min
Response: 32662914
Conc: 742.45 ng/ml



#17 AR-1242-2

R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 28089404
Conc: 724.37 ng/ml



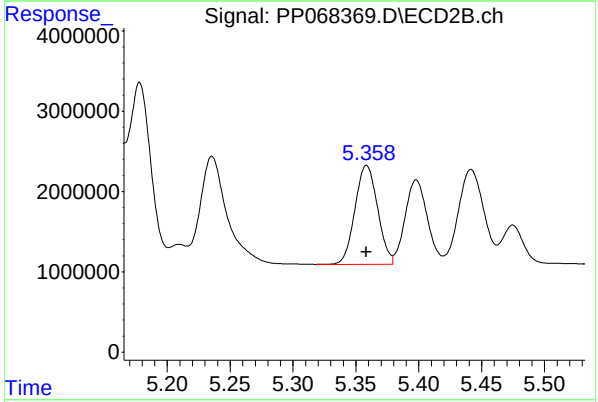
#18 AR-1242-3

R.T.: 6.007 min
Delta R.T.: -0.002 min
Response: 20651932
Conc: 746.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

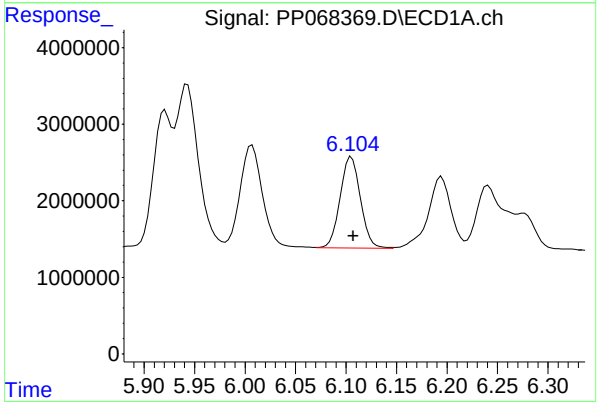
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



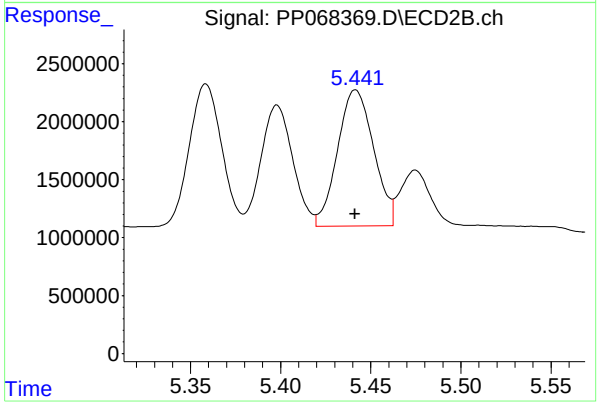
#18 AR-1242-3

R.T.: 5.359 min
Delta R.T.: 0.000 min
Response: 15418603
Conc: 705.03 ng/ml



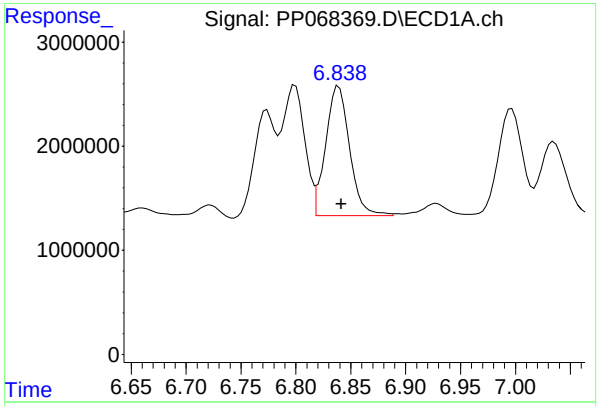
#19 AR-1242-4

R.T.: 6.105 min
Delta R.T.: -0.002 min
Response: 16748446
Conc: 759.85 ng/ml



#19 AR-1242-4

R.T.: 5.442 min
Delta R.T.: 0.000 min
Response: 16360633
Conc: 703.97 ng/ml



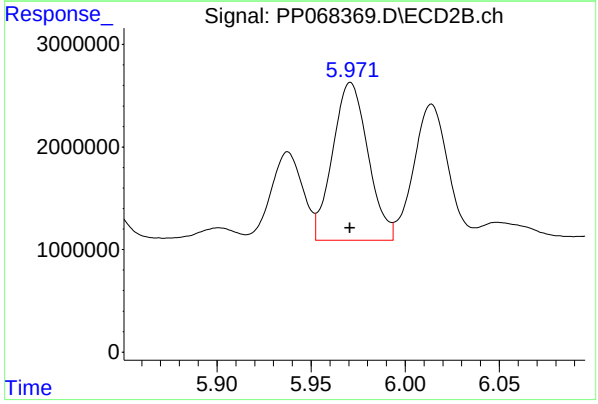
#20 AR-1242-5

R.T.: 6.838 min
Delta R.T.: -0.004 min
Response: 18720909
Conc: 773.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



#20 AR-1242-5

R.T.: 5.971 min
Delta R.T.: 0.000 min
Response: 20154463
Conc: 740.77 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068370.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 05:12
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: Nov 08 06:16:56 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 05:36:39 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.759	4.051	49856617	48993327	50.000	50.000
2)	SA Decachlor...	10.674	9.210	62677810	57602063	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	5.923	5.158	14928455	13692867	500.000	500.000
17)	L4 AR-1242-2	5.945	5.177	21996599	19388721	500.000	500.000
18)	L4 AR-1242-3	6.009	5.358	13826088	10934756	500.000	500.000
19)	L4 AR-1242-4	6.107	5.441	11020962	11620321	500.000	500.000
20)	L4 AR-1242-5	6.841	5.971	12107276	13603749	500.000	500.000

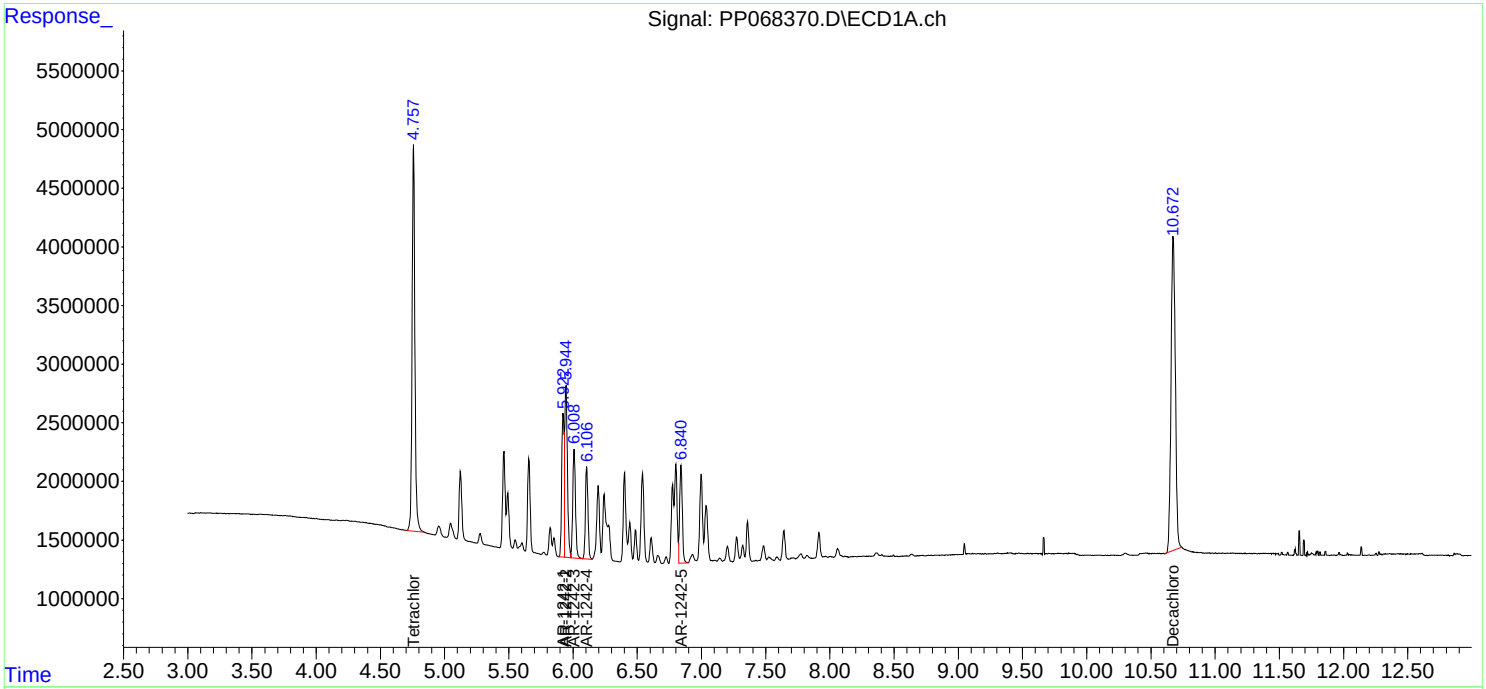
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

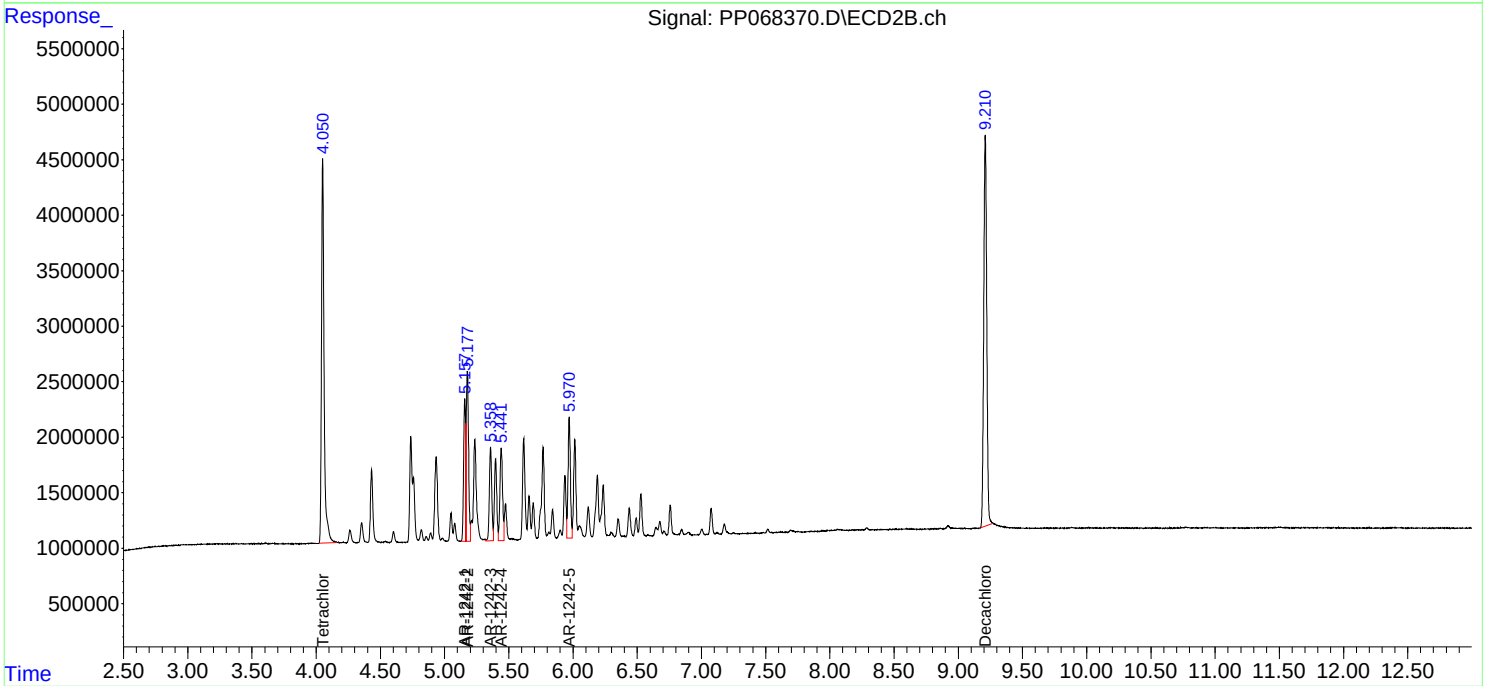
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068370.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 05:12
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

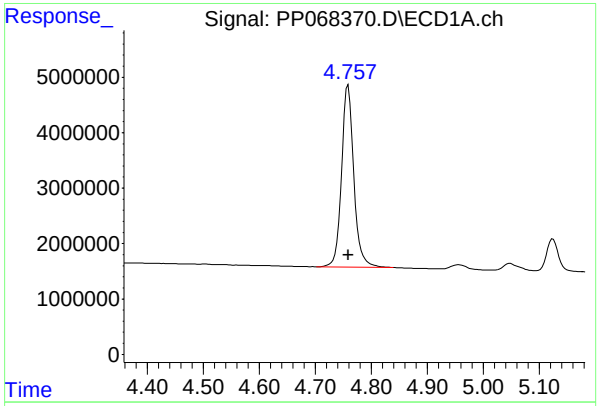
Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 06:16:56 2024
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QLast Update : Fri Nov 08 05:36:39 2024
Response via : Initial Calibration
Integrator: ChemStation

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



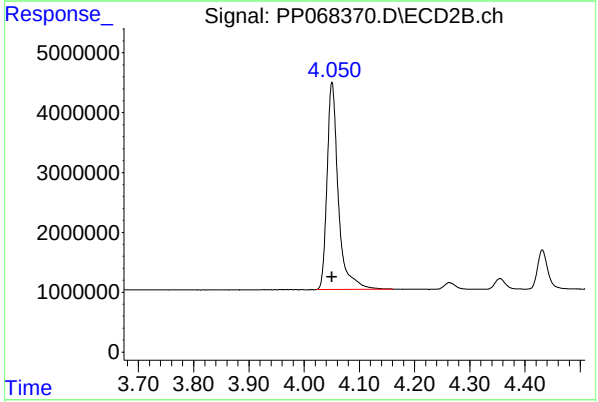




#1 Tetrachloro-m-xylene

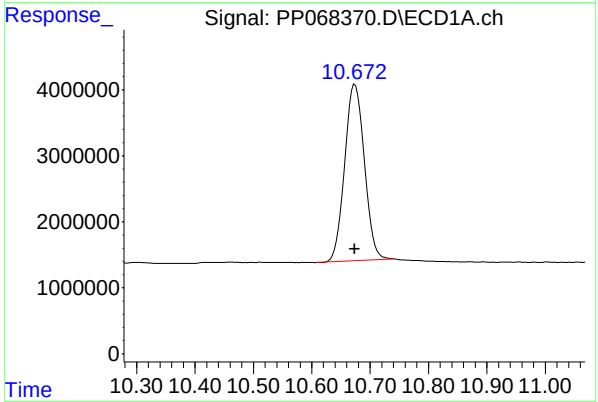
R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 49856617
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



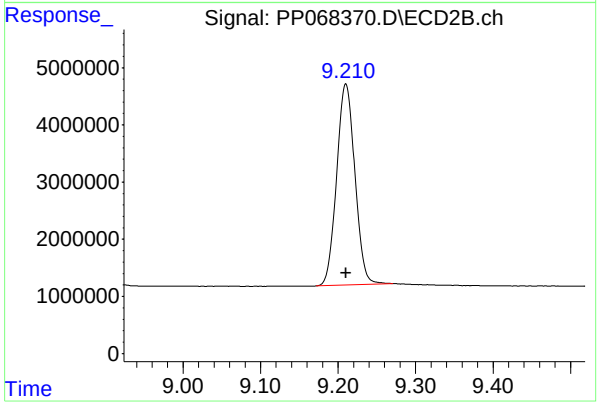
#1 Tetrachloro-m-xylene

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 48993327
Conc: 50.00 ng/ml



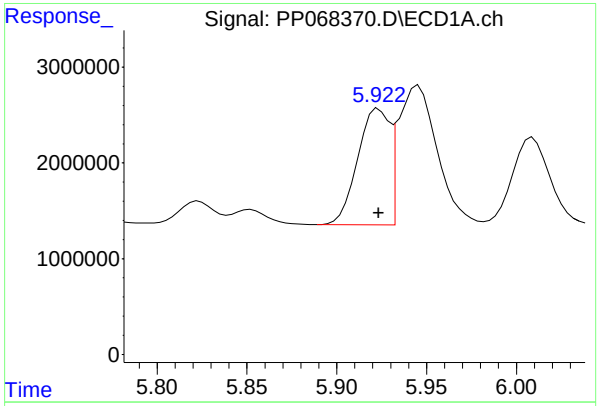
#2 Decachlorobiphenyl

R.T.: 10.674 min
Delta R.T.: 0.000 min
Response: 62677810
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

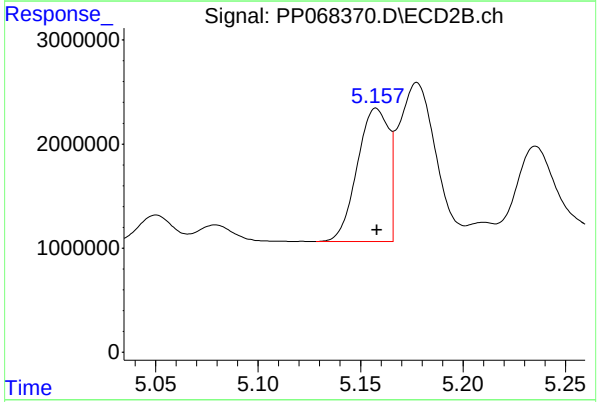
R.T.: 9.210 min
Delta R.T.: 0.000 min
Response: 57602063
Conc: 50.00 ng/ml



#16 AR-1242-1

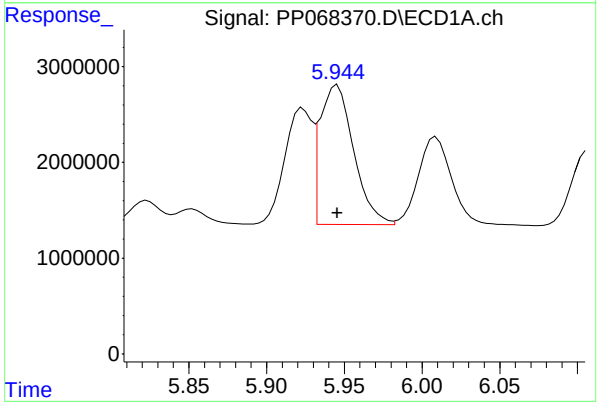
R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 14928455
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



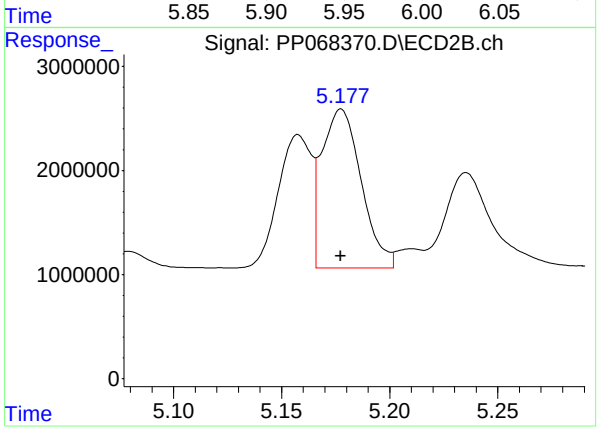
#16 AR-1242-1

R.T.: 5.158 min
Delta R.T.: 0.000 min
Response: 13692867
Conc: 500.00 ng/ml



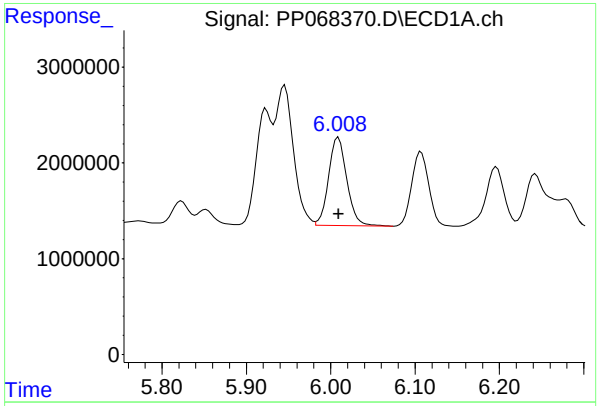
#17 AR-1242-2

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 21996599
Conc: 500.00 ng/ml



#17 AR-1242-2

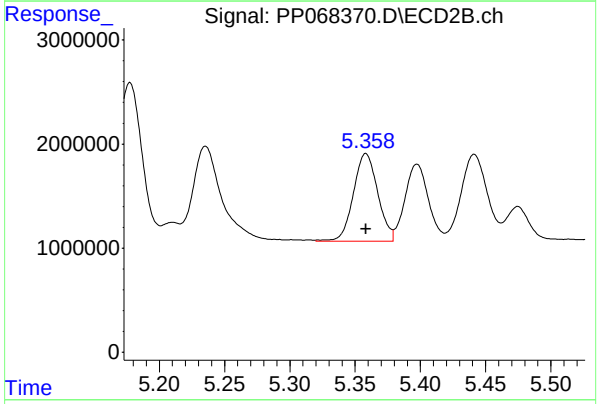
R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 19388721
Conc: 500.00 ng/ml



#18 AR-1242-3

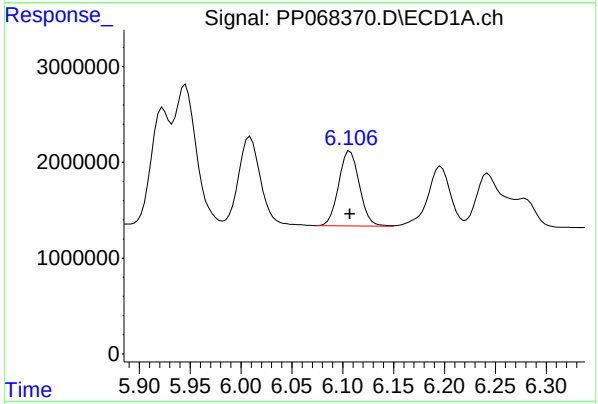
R.T.: 6.009 min
Delta R.T.: 0.000 min
Response: 13826088
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



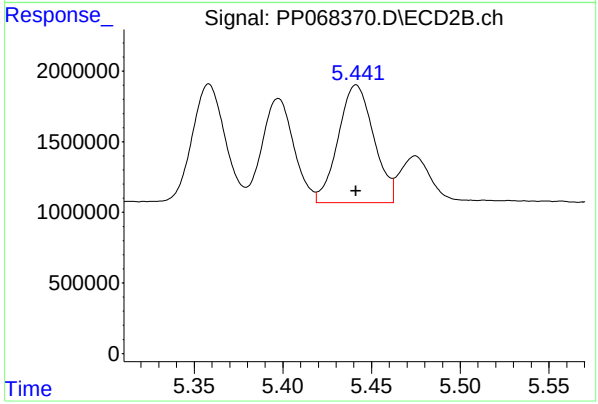
#18 AR-1242-3

R.T.: 5.358 min
Delta R.T.: 0.000 min
Response: 10934756
Conc: 500.00 ng/ml



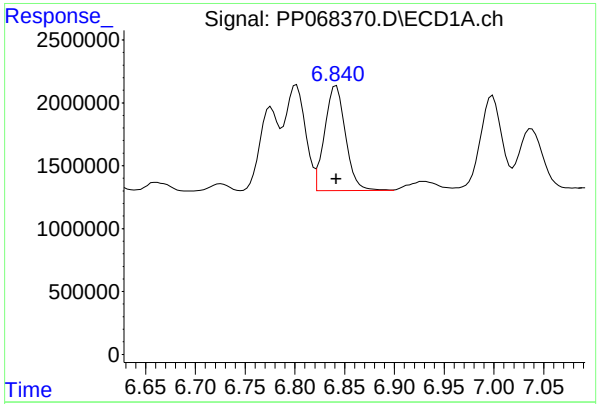
#19 AR-1242-4

R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 11020962
Conc: 500.00 ng/ml



#19 AR-1242-4

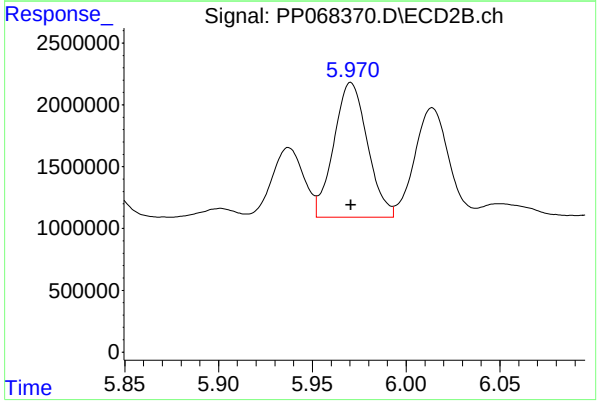
R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 11620321
Conc: 500.00 ng/ml



#20 AR-1242-5

R.T.: 6.841 min
Delta R.T.: 0.000 min
Response: 12107276
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



#20 AR-1242-5

R.T.: 5.971 min
Delta R.T.: 0.000 min
Response: 13603749
Conc: 500.00 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068371.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 05:29
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

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Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
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Quant Time: Nov 08 06:17:21 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
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Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.757	4.050	26197982	25840991	26.273	26.372
2)	SA Decachlor...	10.671	9.210	33966664	29888082	27.096	25.944
	Target Compounds						
16)	L4 AR-1242-1	5.922	5.158	7995277	7404867	267.786	270.391
17)	L4 AR-1242-2	5.944	5.178	11541932	10286618	262.357	265.273
18)	L4 AR-1242-3	6.007	5.358	7659806	5423964	277.006	248.015
19)	L4 AR-1242-4	6.106	5.441	5674201	5961824	257.428	256.526
20)	L4 AR-1242-5	6.838	5.970	6401457	7452669	264.364m	273.920m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 05:29
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

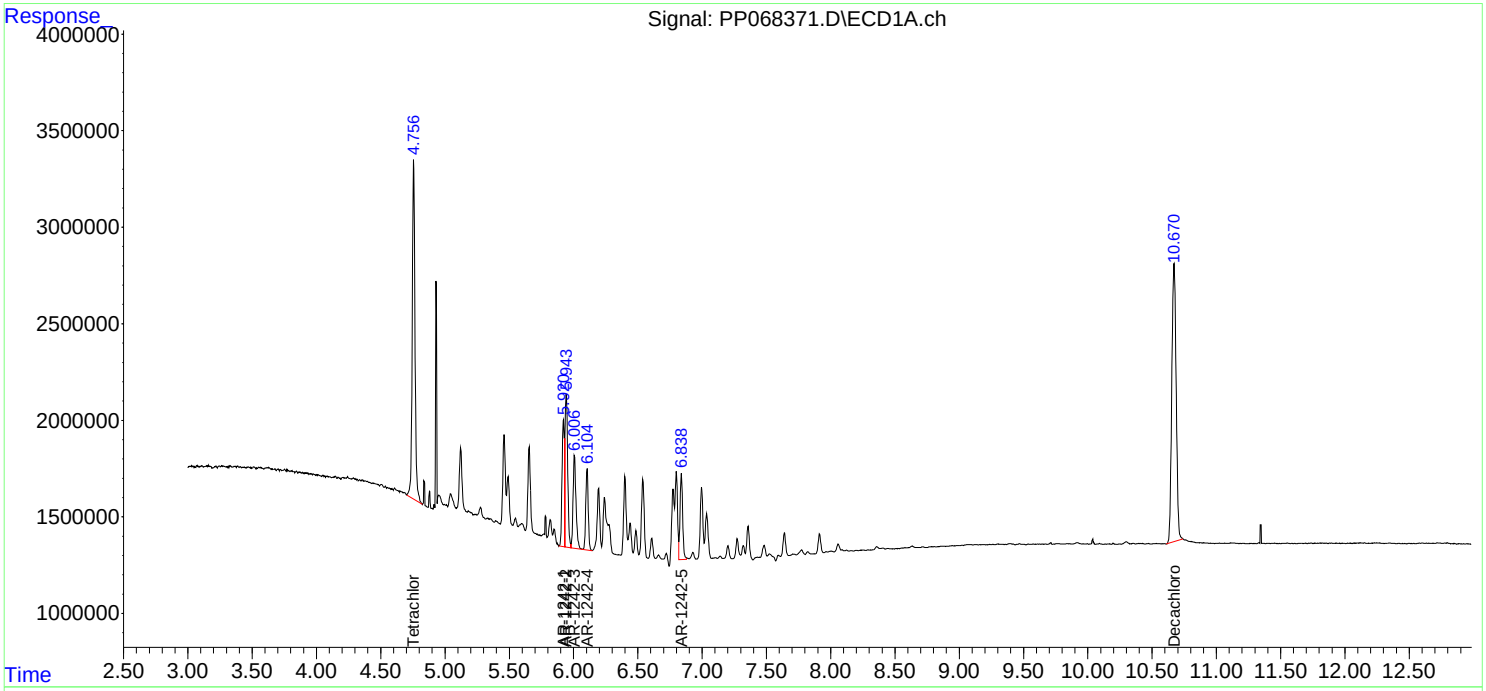
Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

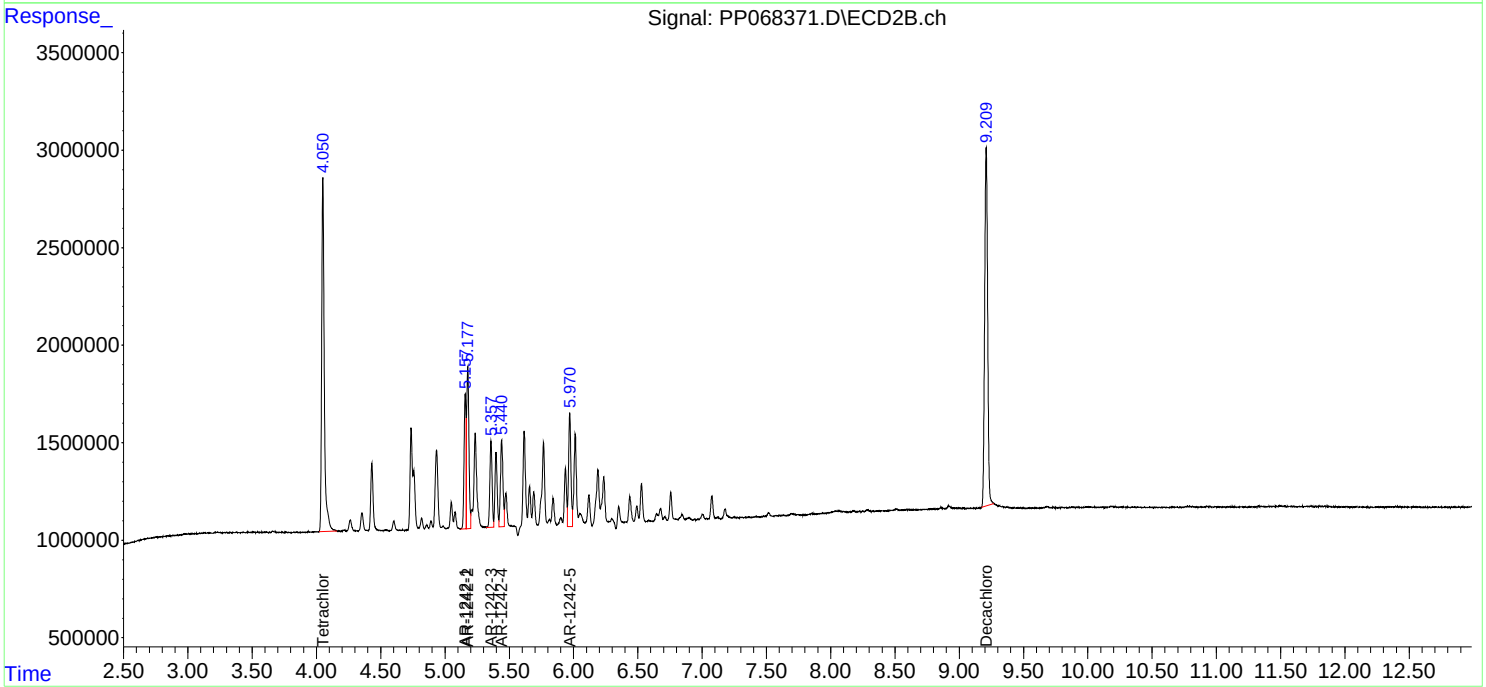
Manual Integrations APPROVED

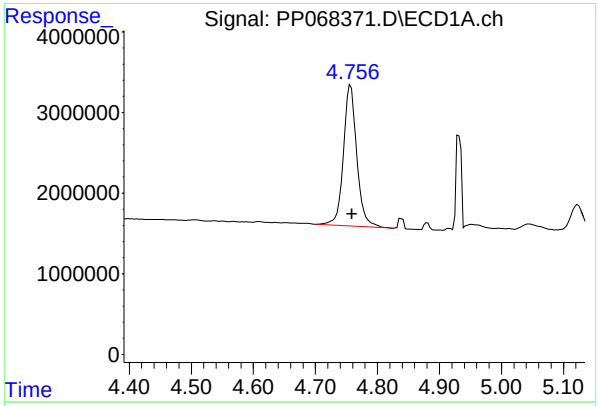
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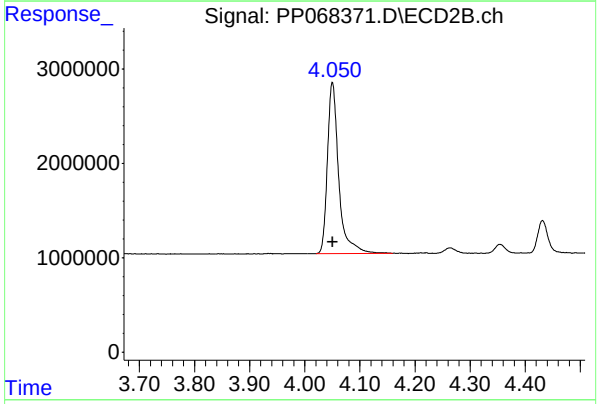
#1 Tetrachloro-m-xylene

R.T.: 4.757 min
Delta R.T.: -0.002 min
Response: 26197982
Conc: 26.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

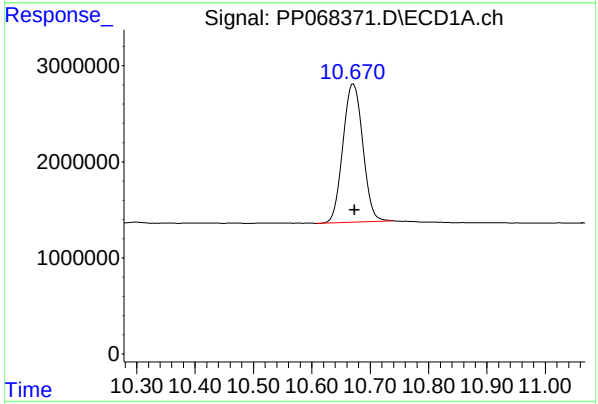
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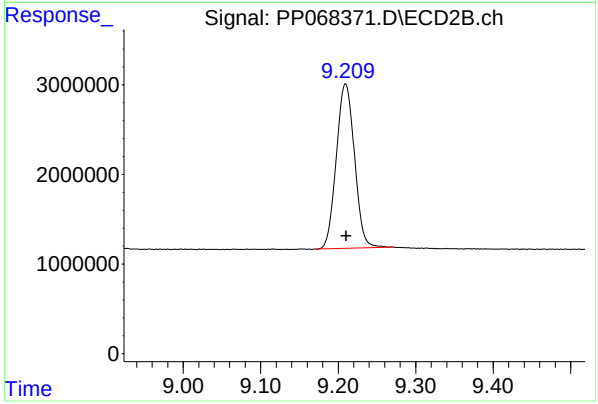
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 25840991
Conc: 26.37 ng/ml



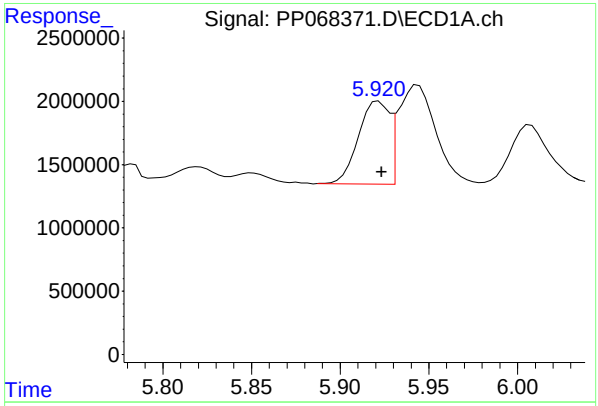
#2 Decachlorobiphenyl

R.T.: 10.671 min
Delta R.T.: -0.003 min
Response: 33966664
Conc: 27.10 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.210 min
Delta R.T.: 0.000 min
Response: 29888082
Conc: 25.94 ng/ml



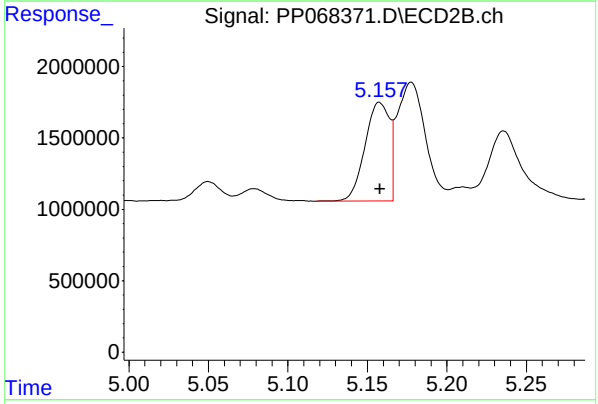
#16 AR-1242-1

R.T.: 5.922 min
Delta R.T.: -0.002 min
Response: 7995277
Conc: 267.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

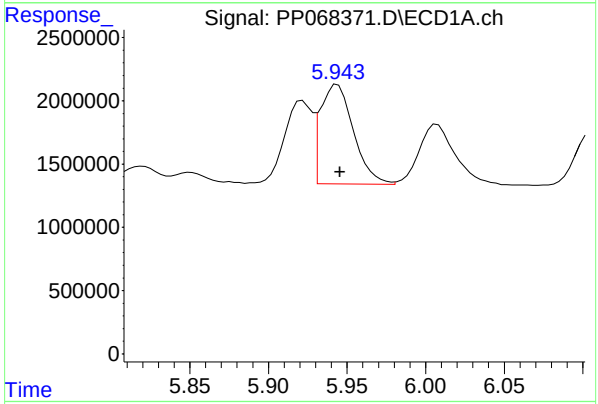
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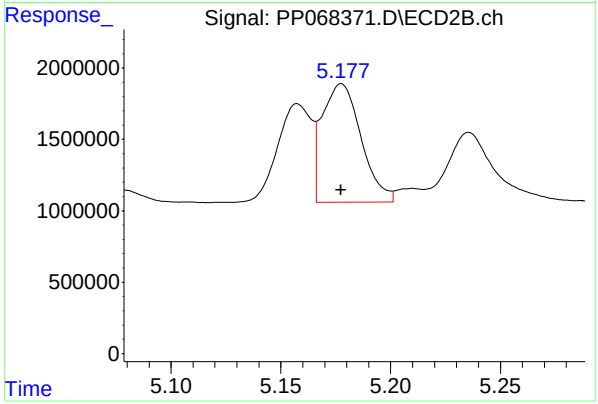
#16 AR-1242-1

R.T.: 5.158 min
Delta R.T.: 0.000 min
Response: 7404867
Conc: 270.39 ng/ml



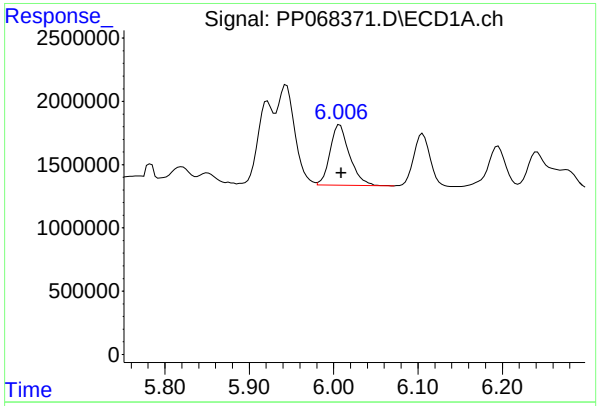
#17 AR-1242-2

R.T.: 5.944 min
Delta R.T.: -0.002 min
Response: 11541932
Conc: 262.36 ng/ml



#17 AR-1242-2

R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 10286618
Conc: 265.27 ng/ml



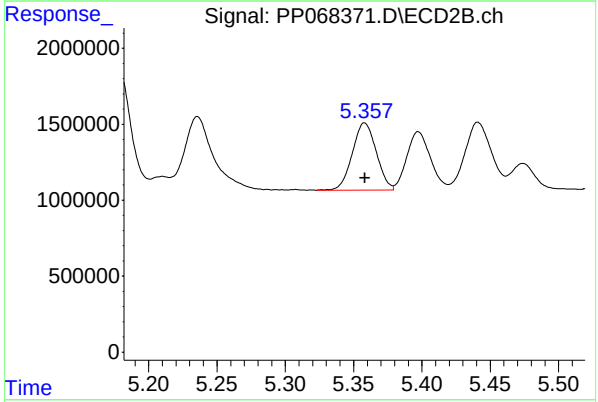
#18 AR-1242-3

R.T.: 6.007 min
Delta R.T.: -0.002 min
Response: 7659806
Conc: 277.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

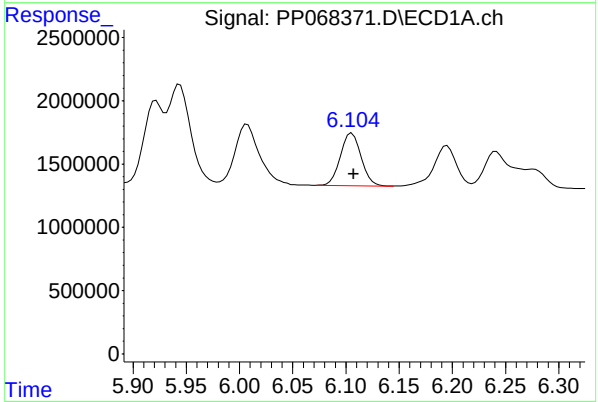
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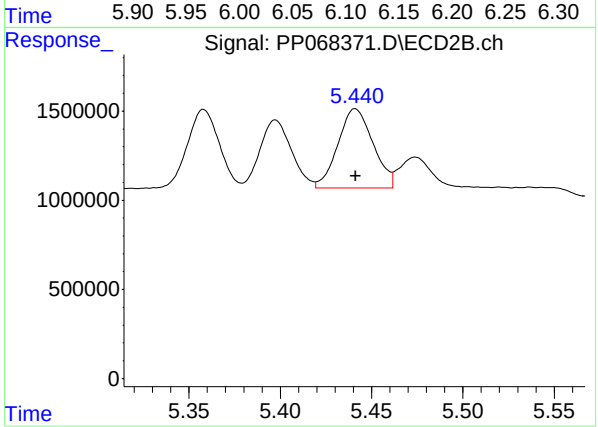
#18 AR-1242-3

R.T.: 5.358 min
Delta R.T.: 0.000 min
Response: 5423964
Conc: 248.01 ng/ml



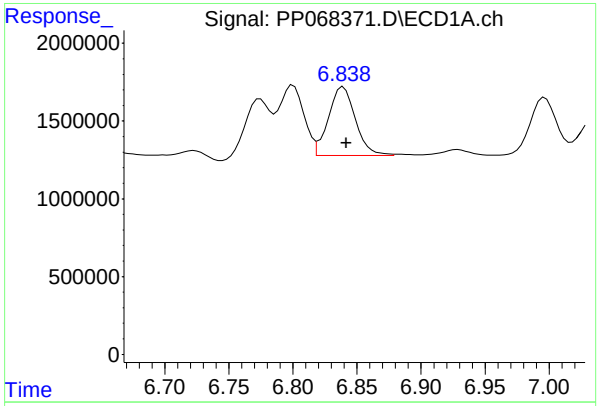
#19 AR-1242-4

R.T.: 6.106 min
Delta R.T.: -0.001 min
Response: 5674201
Conc: 257.43 ng/ml



#19 AR-1242-4

R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 5961824
Conc: 256.53 ng/ml



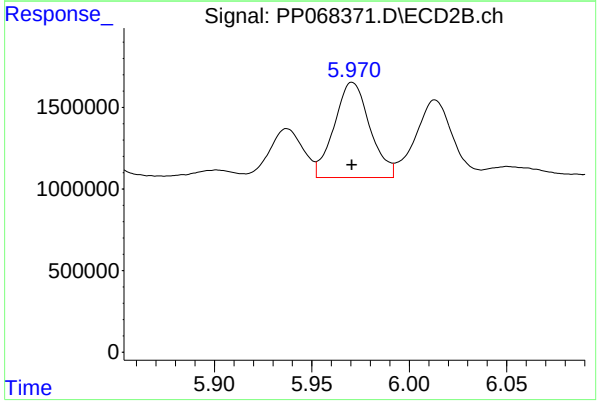
#20 AR-1242-5

R.T.: 6.838 min
Delta R.T.: -0.004 mi
Response: 6401457
Conc: 264.36 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



#20 AR-1242-5

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 7452669
Conc: 273.92 ng/ml m

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068372.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 05:45
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: Nov 08 06:17:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 05:36:39 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.760	4.051	4728239	4651184	4.742	4.747
2)	SA Decachlor...	10.676	9.210	6608463	6442390	5.272	5.592
	Target Compounds						
16)	L4 AR-1242-1	5.924	5.159	1530111	1465539	51.248	53.515
17)	L4 AR-1242-2	5.947	5.178	2233780	1946070	50.776	50.186
18)	L4 AR-1242-3	6.011	5.359	1354565	1080631	48.986	49.413
19)	L4 AR-1242-4	6.109	5.443	1040612	1184635	47.211	50.973
20)	L4 AR-1242-5	6.843	5.971	1152305	1387833	47.587	51.009

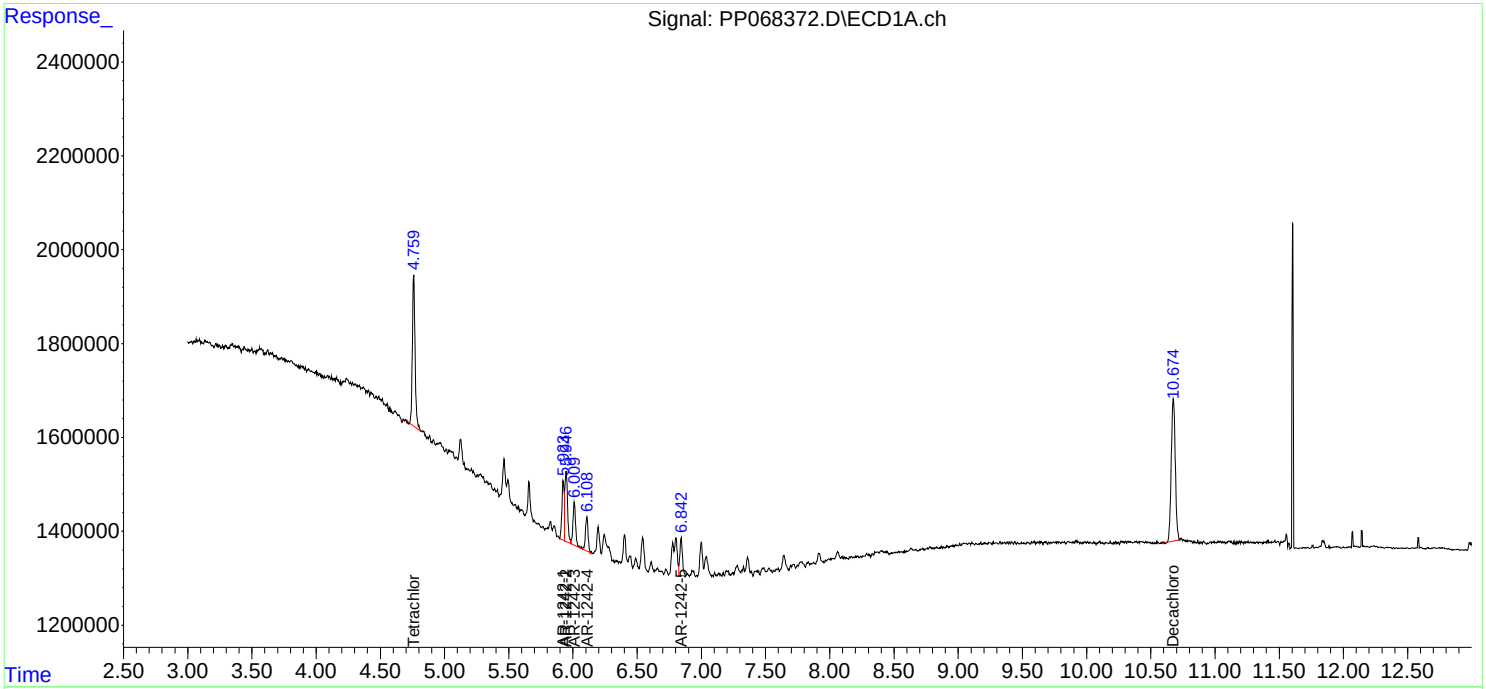
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

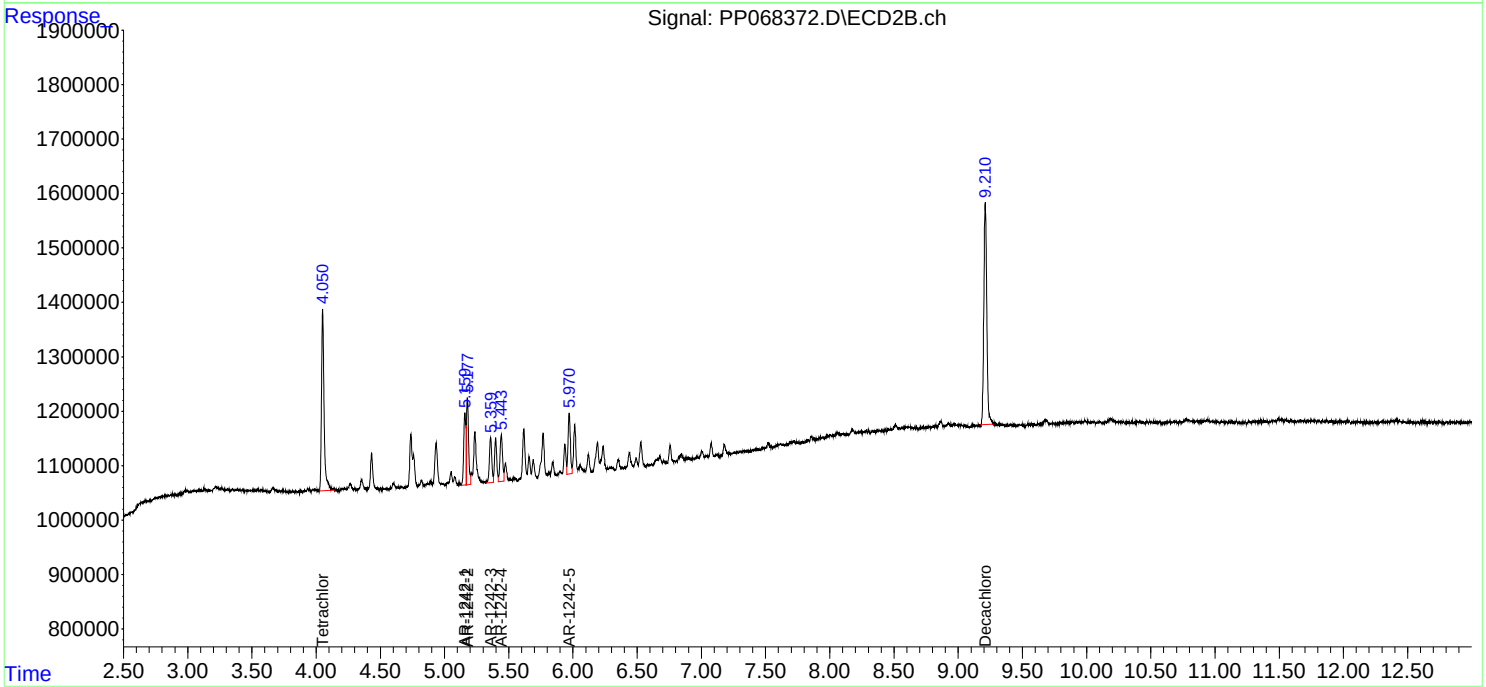
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068372.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 05:45
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

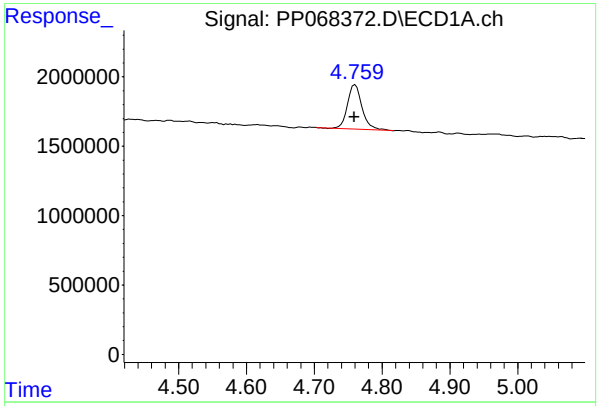
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 06:17:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 05:36:39 2024
Response via : Initial Calibration
Integrator: ChemStation

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



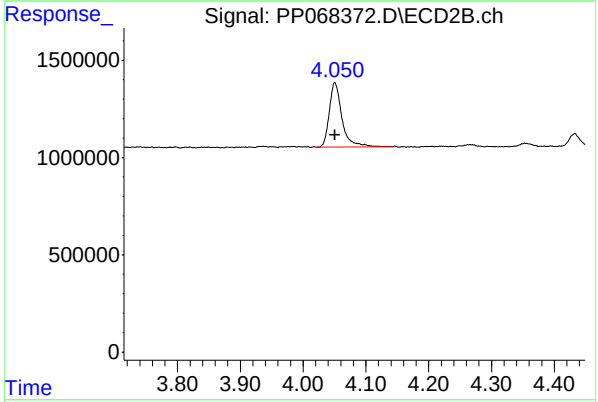




#1 Tetrachloro-m-xylene

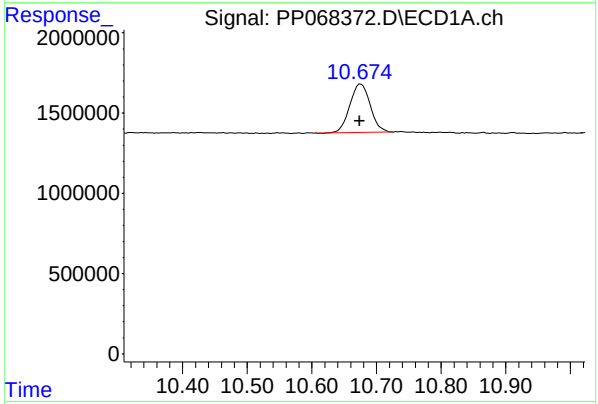
R.T.: 4.760 min
Delta R.T.: 0.001 min
Response: 4728239
Conc: 4.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



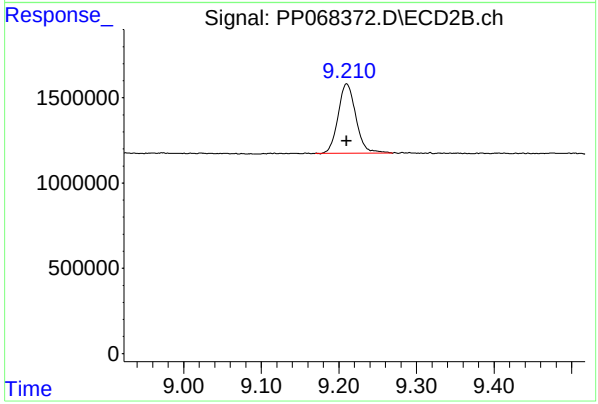
#1 Tetrachloro-m-xylene

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 4651184
Conc: 4.75 ng/ml



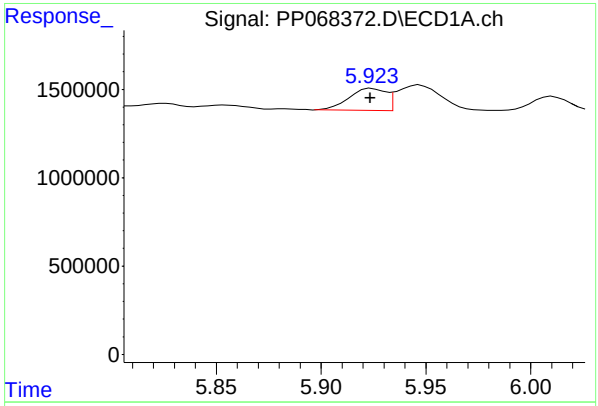
#2 Decachlorobiphenyl

R.T.: 10.676 min
Delta R.T.: 0.002 min
Response: 6608463
Conc: 5.27 ng/ml



#2 Decachlorobiphenyl

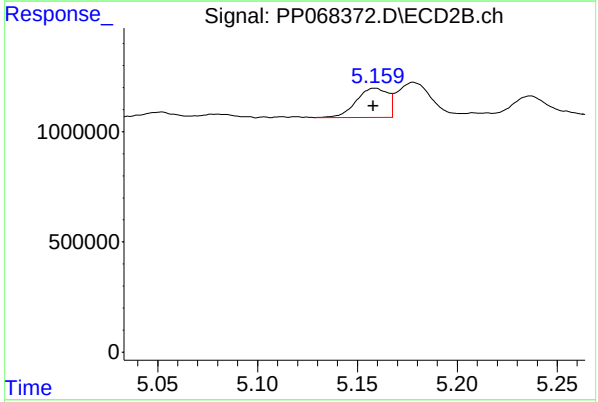
R.T.: 9.210 min
Delta R.T.: 0.000 min
Response: 6442390
Conc: 5.59 ng/ml



#16 AR-1242-1

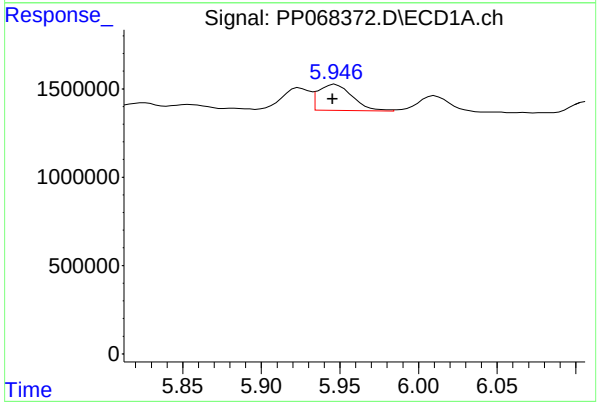
R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 1530111
Conc: 51.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



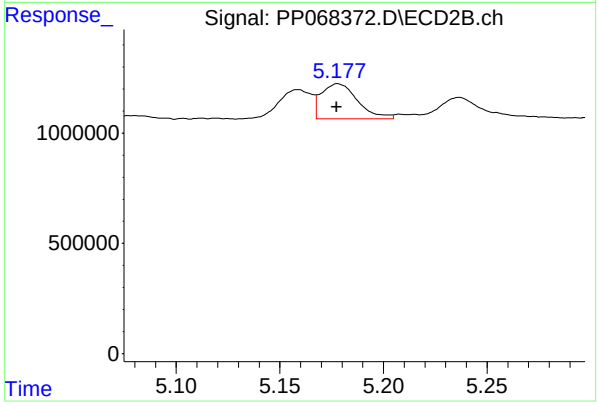
#16 AR-1242-1

R.T.: 5.159 min
Delta R.T.: 0.000 min
Response: 1465539
Conc: 53.51 ng/ml



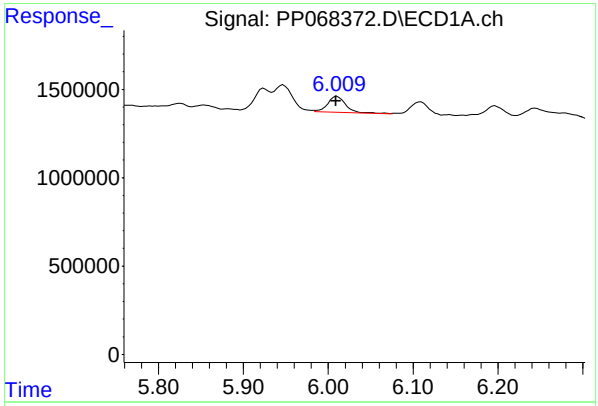
#17 AR-1242-2

R.T.: 5.947 min
Delta R.T.: 0.002 min
Response: 2233780
Conc: 50.78 ng/ml



#17 AR-1242-2

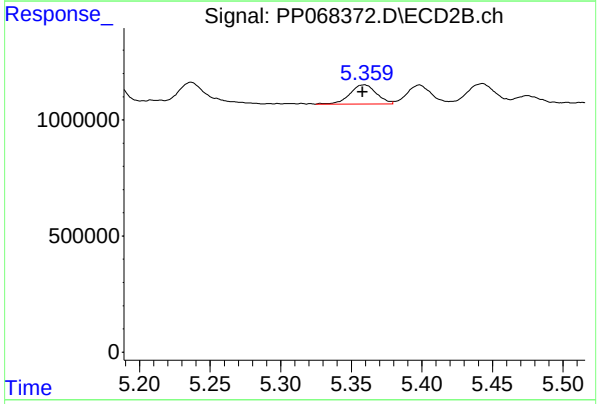
R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 1946070
Conc: 50.19 ng/ml



#18 AR-1242-3

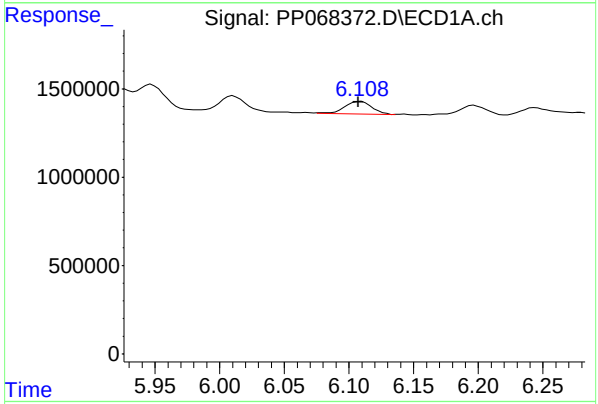
R.T.: 6.011 min
Delta R.T.: 0.002 min
Response: 1354565
Conc: 48.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



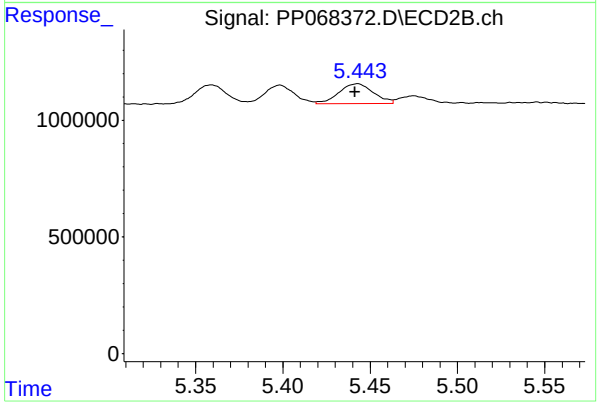
#18 AR-1242-3

R.T.: 5.359 min
Delta R.T.: 0.000 min
Response: 1080631
Conc: 49.41 ng/ml



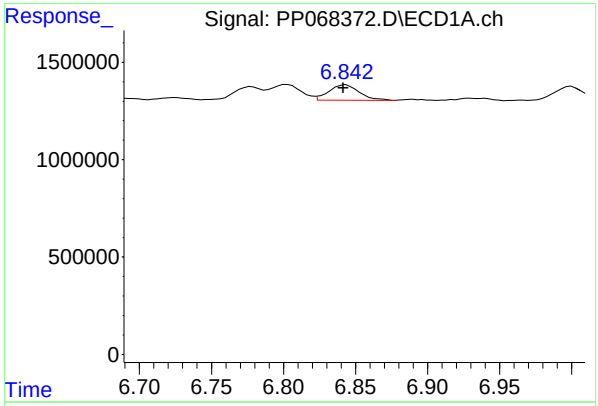
#19 AR-1242-4

R.T.: 6.109 min
Delta R.T.: 0.002 min
Response: 1040612
Conc: 47.21 ng/ml



#19 AR-1242-4

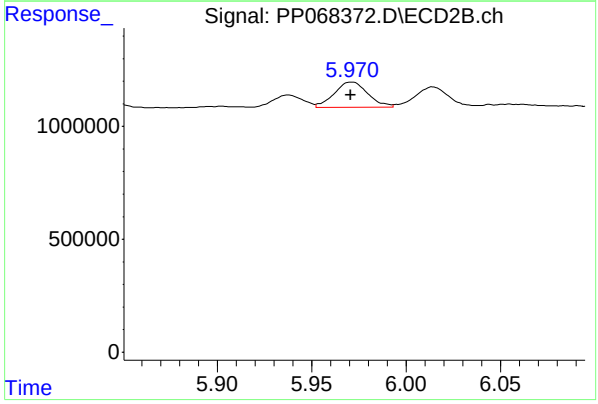
R.T.: 5.443 min
Delta R.T.: 0.001 min
Response: 1184635
Conc: 50.97 ng/ml



#20 AR-1242-5

R.T.: 6.843 min
Delta R.T.: 0.002 mi
Response: 1152305
Conc: 47.59 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



#20 AR-1242-5

R.T.: 5.971 min
Delta R.T.: 0.000 min
Response: 1387833
Conc: 51.01 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068373.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 06:01
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: Nov 08 06:58:35 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 06:51:17 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.757	4.051	96530101	95022417	92.347	95.889
2)	SA Decachlor...	10.672	9.210	116.2E6	107.5E6	90.237	91.496
	Target Compounds						
21)	L5 AR-1248-1	5.921	5.158	21167087	20444534	891.964	918.589
22)	L5 AR-1248-2	6.194	5.398	31519452	29533815	907.820	915.094
23)	L5 AR-1248-3	6.399	5.442	34960996	30992675	932.904	914.327
24)	L5 AR-1248-4	6.799	5.617	40590754	36032257	942.236	922.924
25)	L5 AR-1248-5	6.840	6.015	41079234	34550039	971.700	945.330

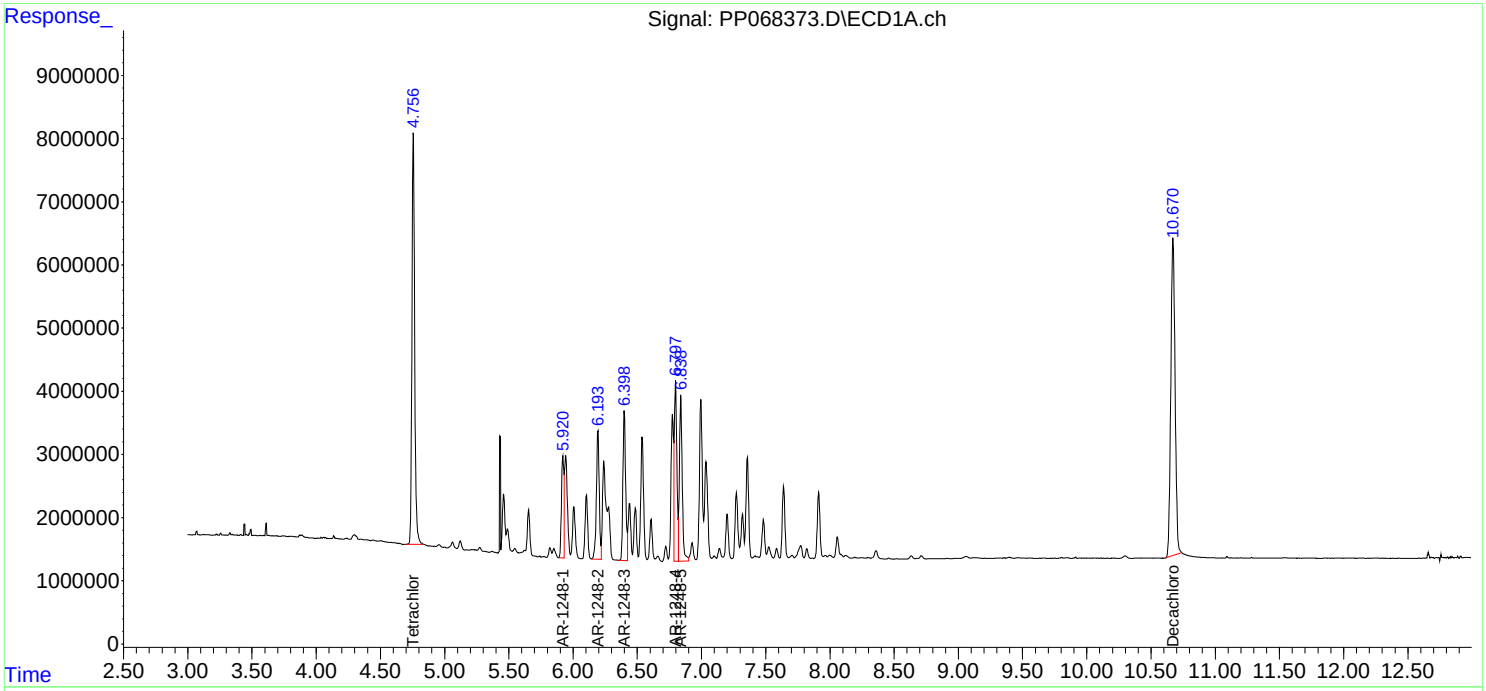
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

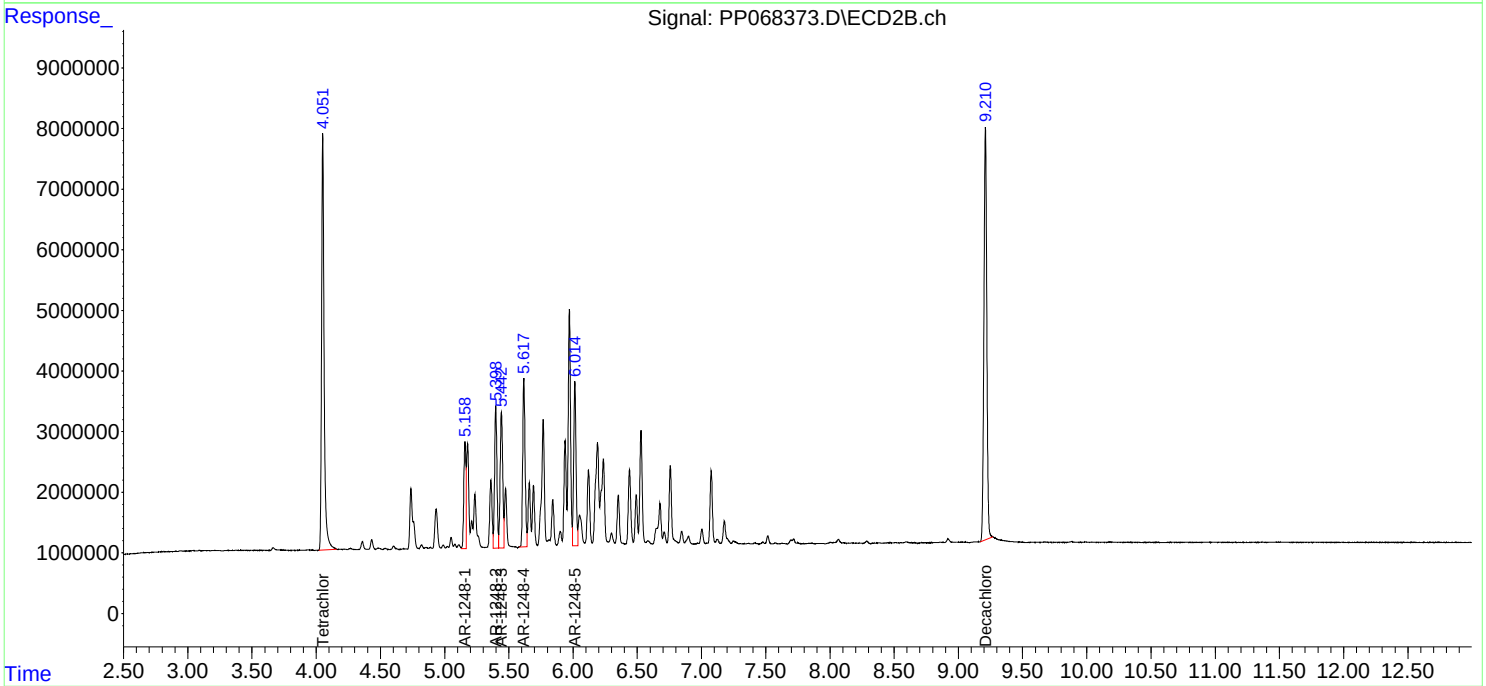
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068373.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 06:01
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

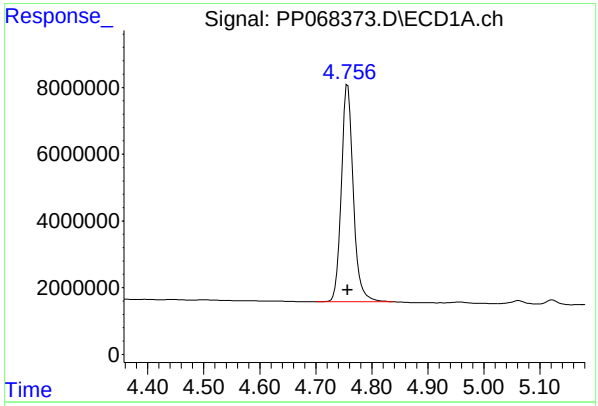
Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 06:58:35 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 06:51:17 2024
Response via : Initial Calibration
Integrator: ChemStation

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



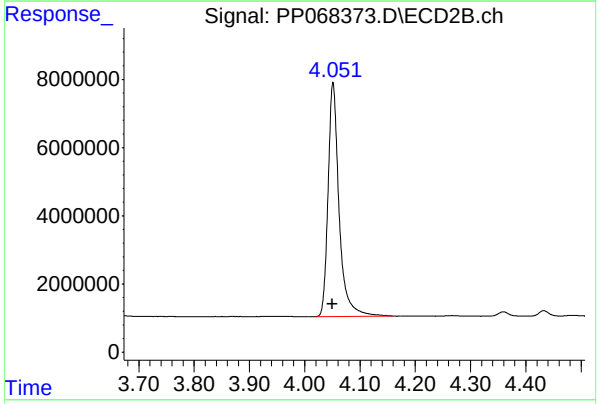




#1 Tetrachloro-m-xylene

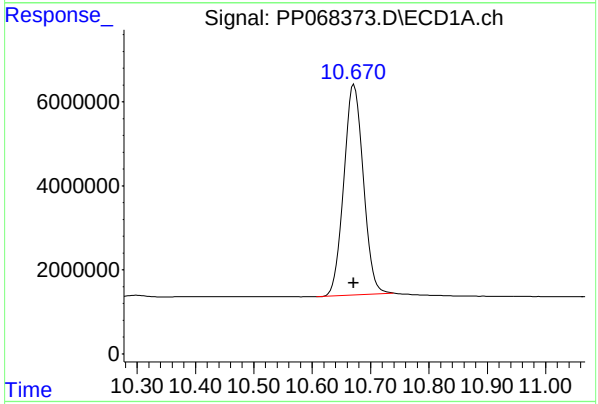
R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 96530101
Conc: 92.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



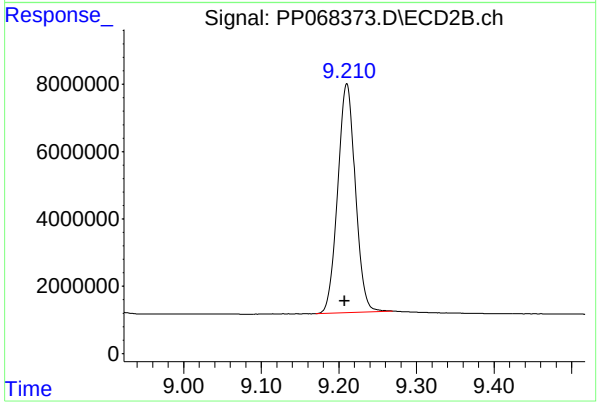
#1 Tetrachloro-m-xylene

R.T.: 4.051 min
Delta R.T.: 0.001 min
Response: 95022417
Conc: 95.89 ng/ml



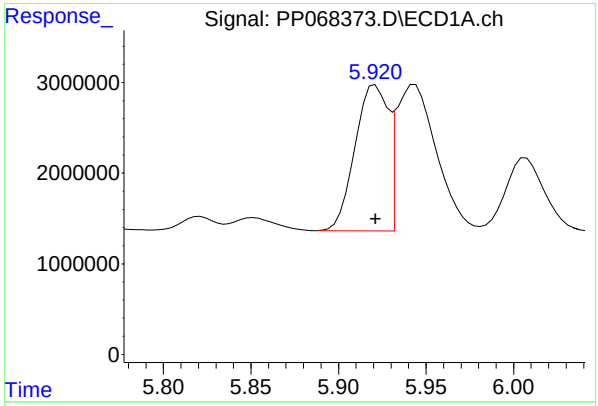
#2 Decachlorobiphenyl

R.T.: 10.672 min
Delta R.T.: 0.000 min
Response: 116191441
Conc: 90.24 ng/ml



#2 Decachlorobiphenyl

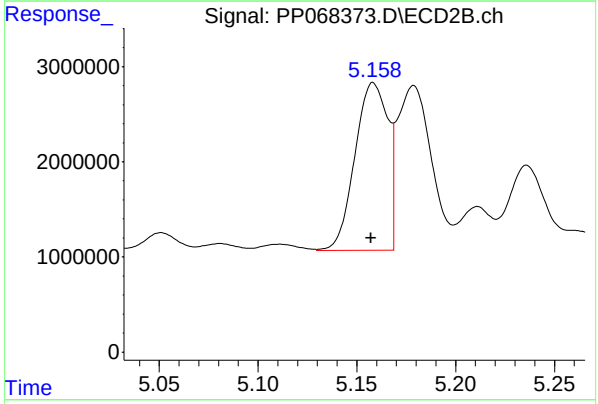
R.T.: 9.210 min
Delta R.T.: 0.003 min
Response: 107525953
Conc: 91.50 ng/ml



#21 AR-1248-1

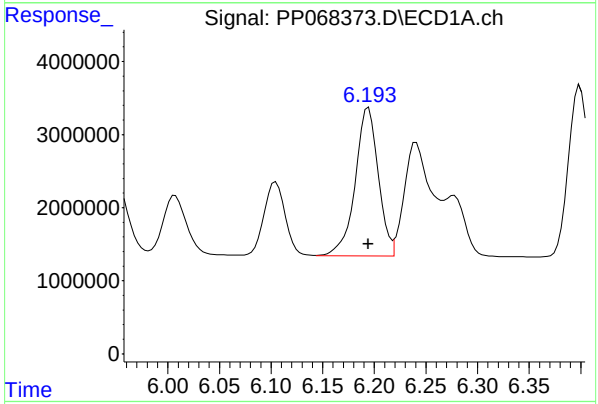
R.T.: 5.921 min
Delta R.T.: 0.000 mi
Response: 21167087
Conc: 891.96 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



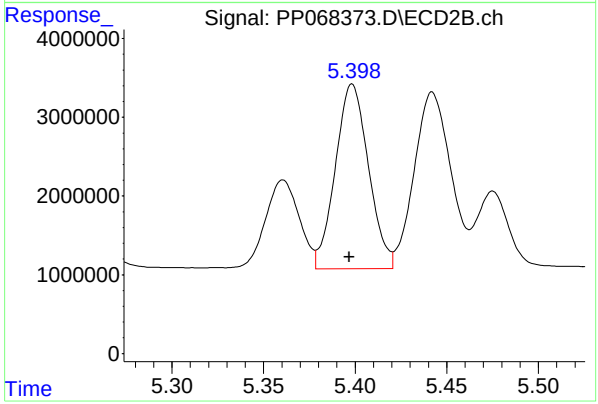
#21 AR-1248-1

R.T.: 5.158 min
Delta R.T.: 0.001 min
Response: 20444534
Conc: 918.59 ng/ml



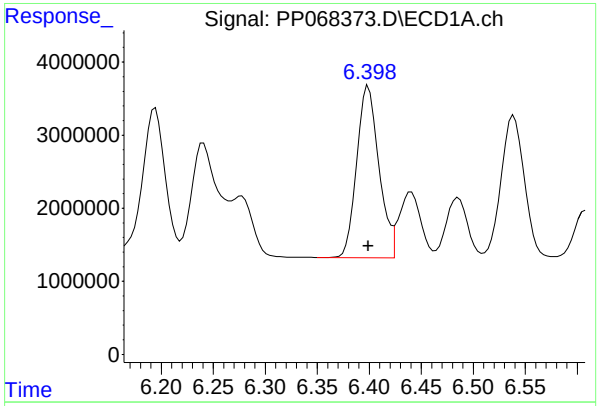
#22 AR-1248-2

R.T.: 6.194 min
Delta R.T.: 0.000 min
Response: 31519452
Conc: 907.82 ng/ml



#22 AR-1248-2

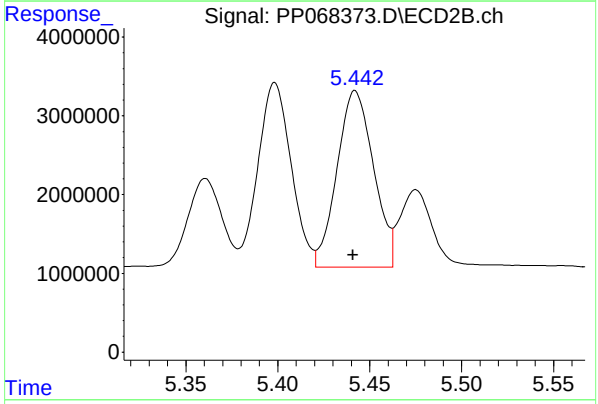
R.T.: 5.398 min
Delta R.T.: 0.002 min
Response: 29533815
Conc: 915.09 ng/ml



#23 AR-1248-3

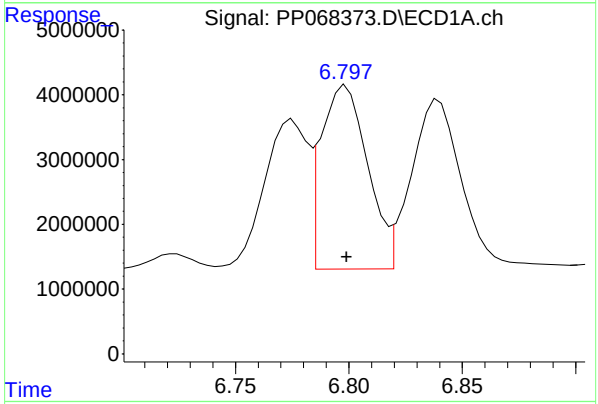
R.T.: 6.399 min
Delta R.T.: 0.000 min
Response: 34960996
Conc: 932.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



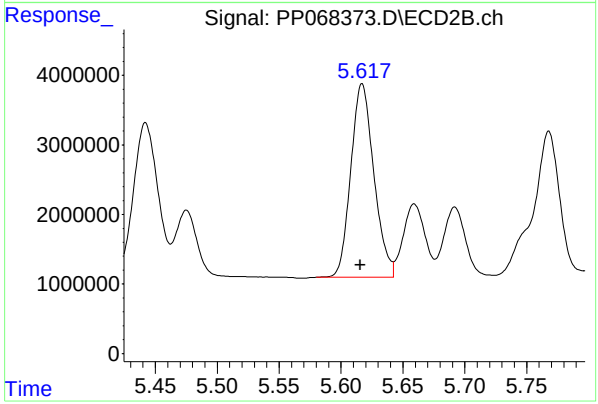
#23 AR-1248-3

R.T.: 5.442 min
Delta R.T.: 0.001 min
Response: 30992675
Conc: 914.33 ng/ml



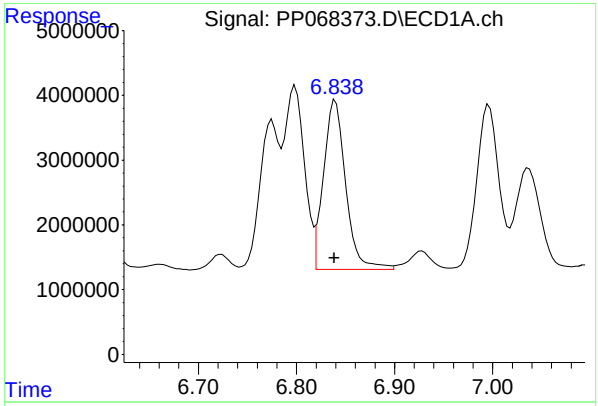
#24 AR-1248-4

R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 40590754
Conc: 942.24 ng/ml



#24 AR-1248-4

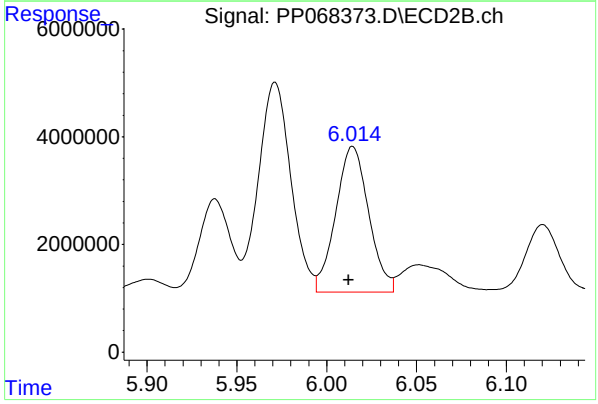
R.T.: 5.617 min
Delta R.T.: 0.002 min
Response: 36032257
Conc: 922.92 ng/ml



#25 AR-1248-5

R.T.: 6.840 min
Delta R.T.: 0.001 min
Response: 41079234
Conc: 971.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



#25 AR-1248-5

R.T.: 6.015 min
Delta R.T.: 0.002 min
Response: 34550039
Conc: 945.33 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068374.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 06:18
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: Nov 08 06:58:56 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 06:51:17 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.761	4.051	73204790	72098385	70.033	72.756
2)	SA Decachlor...	10.677	9.211	90455884	82736930	70.250	70.402
	Target Compounds						
21)	L5 AR-1248-1	5.925	5.158	16721420	15166896	704.627	681.460
22)	L5 AR-1248-2	6.198	5.398	24472682	22246018	704.859	689.284
23)	L5 AR-1248-3	6.404	5.442	26750794	23427091	713.822	691.131
24)	L5 AR-1248-4	6.803	5.617	31634549	27154244	734.335	695.524
25)	L5 AR-1248-5	6.844	6.014	31495048	26189235	744.993	716.569

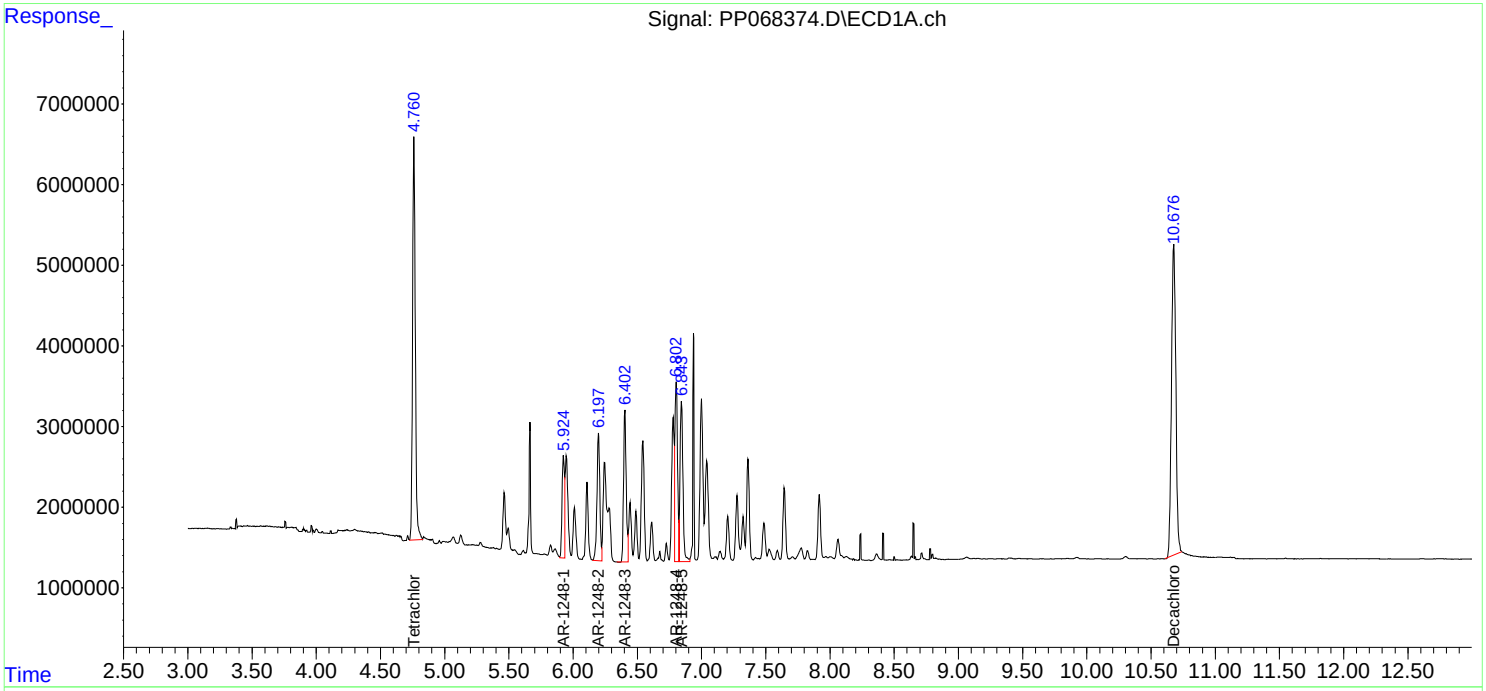
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

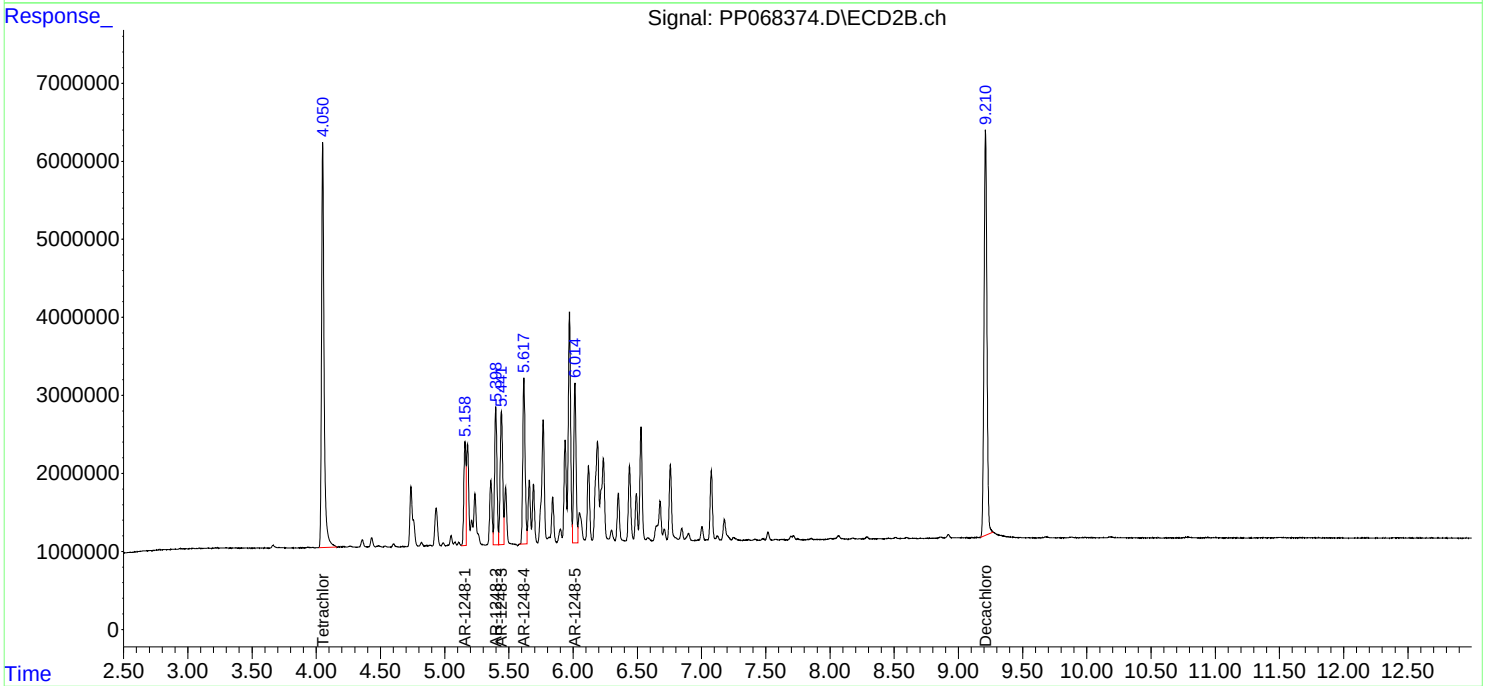
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068374.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 06:18
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

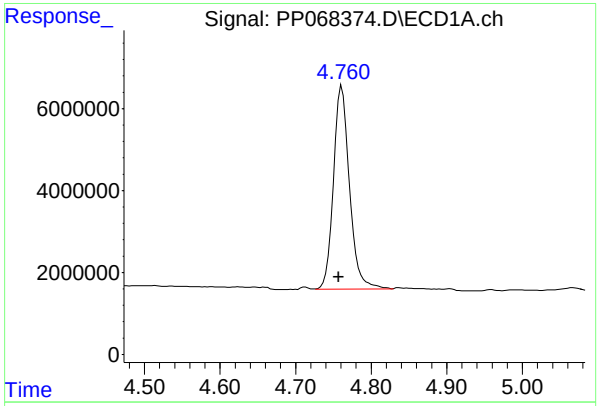
Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 06:58:56 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 06:51:17 2024
Response via : Initial Calibration
Integrator: ChemStation

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



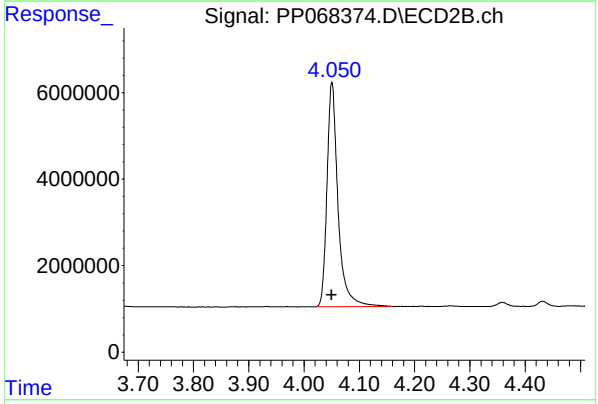




#1 Tetrachloro-m-xylene

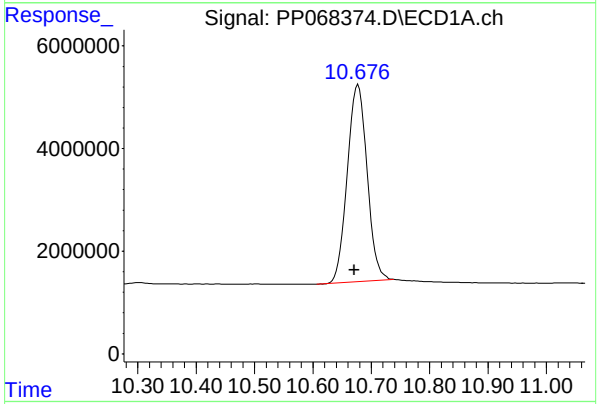
R.T.: 4.761 min
Delta R.T.: 0.004 min
Response: 73204790
Conc: 70.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



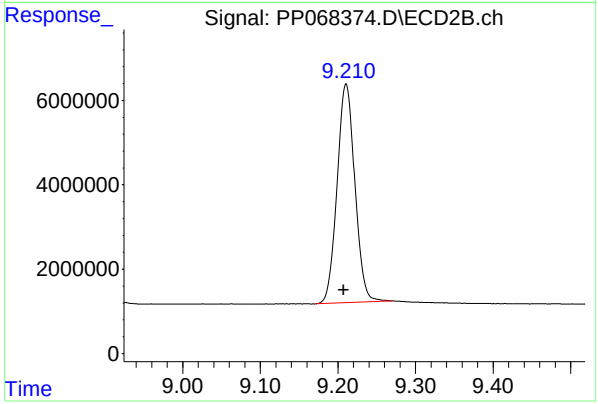
#1 Tetrachloro-m-xylene

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 72098385
Conc: 72.76 ng/ml



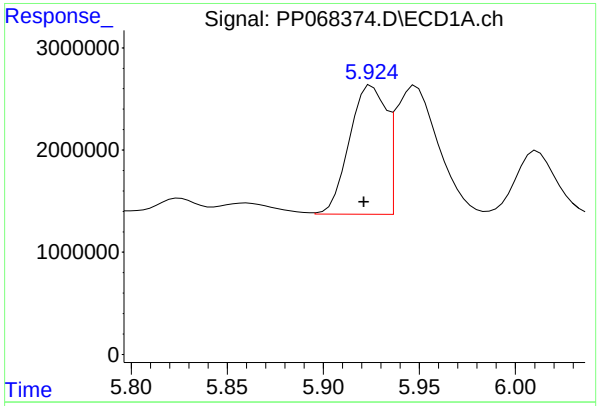
#2 Decachlorobiphenyl

R.T.: 10.677 min
Delta R.T.: 0.007 min
Response: 90455884
Conc: 70.25 ng/ml



#2 Decachlorobiphenyl

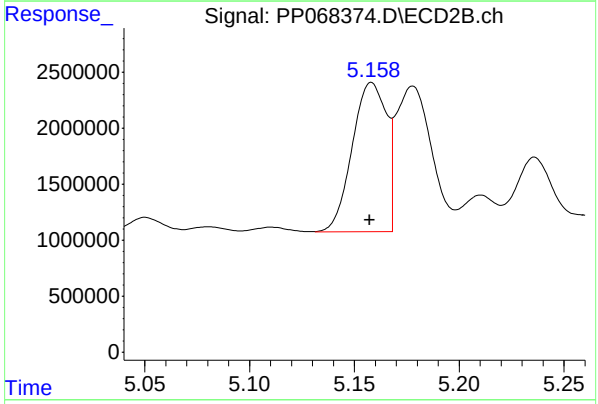
R.T.: 9.211 min
Delta R.T.: 0.003 min
Response: 82736930
Conc: 70.40 ng/ml



#21 AR-1248-1

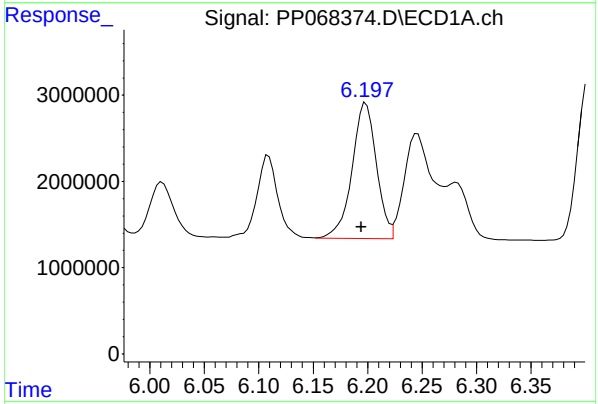
R.T.: 5.925 min
Delta R.T.: 0.004 min
Response: 16721420
Conc: 704.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



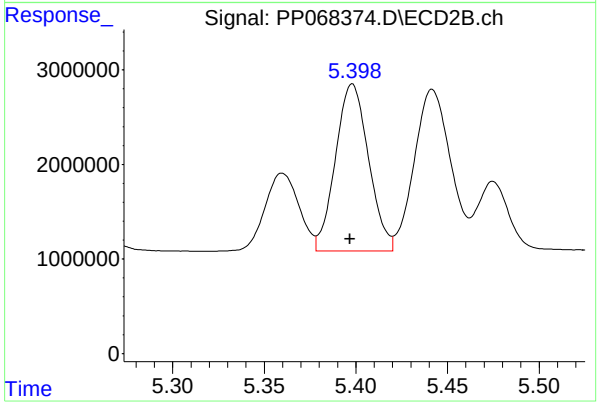
#21 AR-1248-1

R.T.: 5.158 min
Delta R.T.: 0.000 min
Response: 15166896
Conc: 681.46 ng/ml



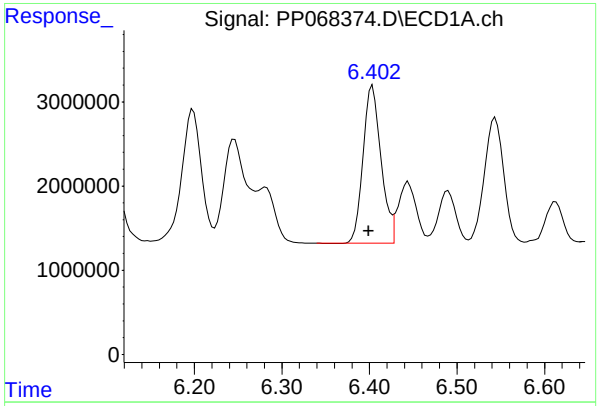
#22 AR-1248-2

R.T.: 6.198 min
Delta R.T.: 0.004 min
Response: 24472682
Conc: 704.86 ng/ml



#22 AR-1248-2

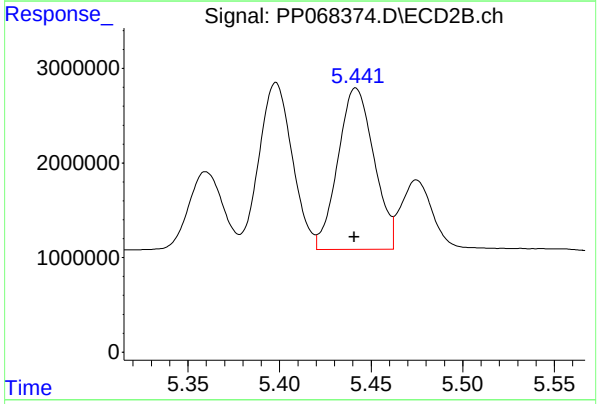
R.T.: 5.398 min
Delta R.T.: 0.001 min
Response: 22246018
Conc: 689.28 ng/ml



#23 AR-1248-3

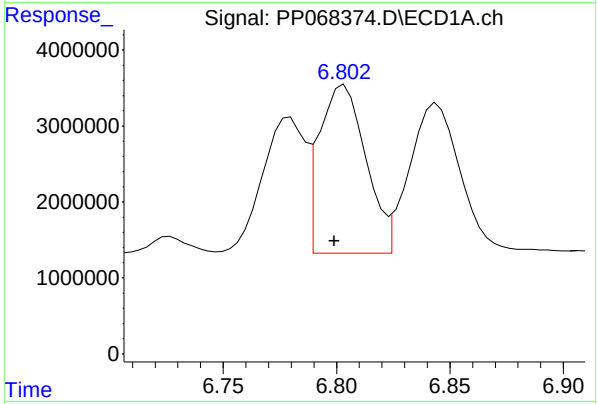
R.T.: 6.404 min
Delta R.T.: 0.004 min
Response: 26750794
Conc: 713.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



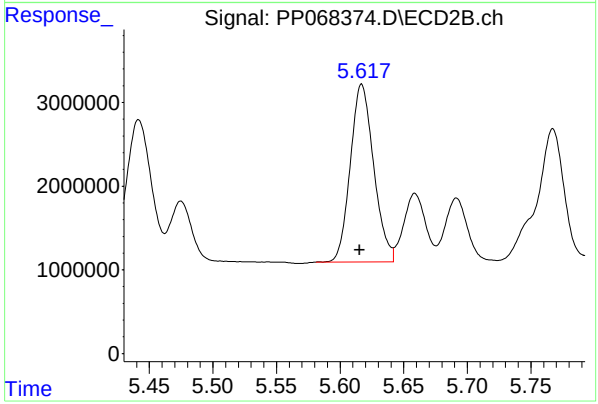
#23 AR-1248-3

R.T.: 5.442 min
Delta R.T.: 0.000 min
Response: 23427091
Conc: 691.13 ng/ml



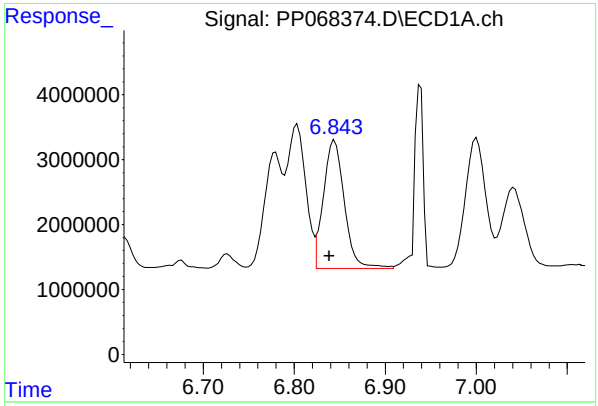
#24 AR-1248-4

R.T.: 6.803 min
Delta R.T.: 0.004 min
Response: 31634549
Conc: 734.33 ng/ml



#24 AR-1248-4

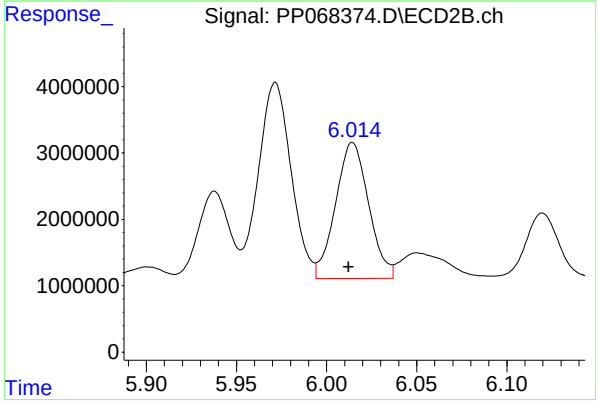
R.T.: 5.617 min
Delta R.T.: 0.002 min
Response: 27154244
Conc: 695.52 ng/ml



#25 AR-1248-5

R.T.: 6.844 min
Delta R.T.: 0.006 min
Response: 31495048
Conc: 744.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



#25 AR-1248-5

R.T.: 6.014 min
Delta R.T.: 0.002 min
Response: 26189235
Conc: 716.57 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068375.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 06:34
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: Nov 08 06:59:17 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 06:51:17 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.757	4.050	52264841	49547981	50.000	50.000
2)	SA Decachlor...	10.671	9.207	64381459	58760010	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	5.921	5.157	11865437	11128233	500.000	500.000
22)	L5 AR-1248-2	6.194	5.397	17359974	16137046	500.000	500.000
23)	L5 AR-1248-3	6.399	5.441	18737715	16948361	500.000	500.000
24)	L5 AR-1248-4	6.799	5.615	21539593	19520704	500.000	500.000
25)	L5 AR-1248-5	6.839	6.012	21137823	18274058	500.000	500.000

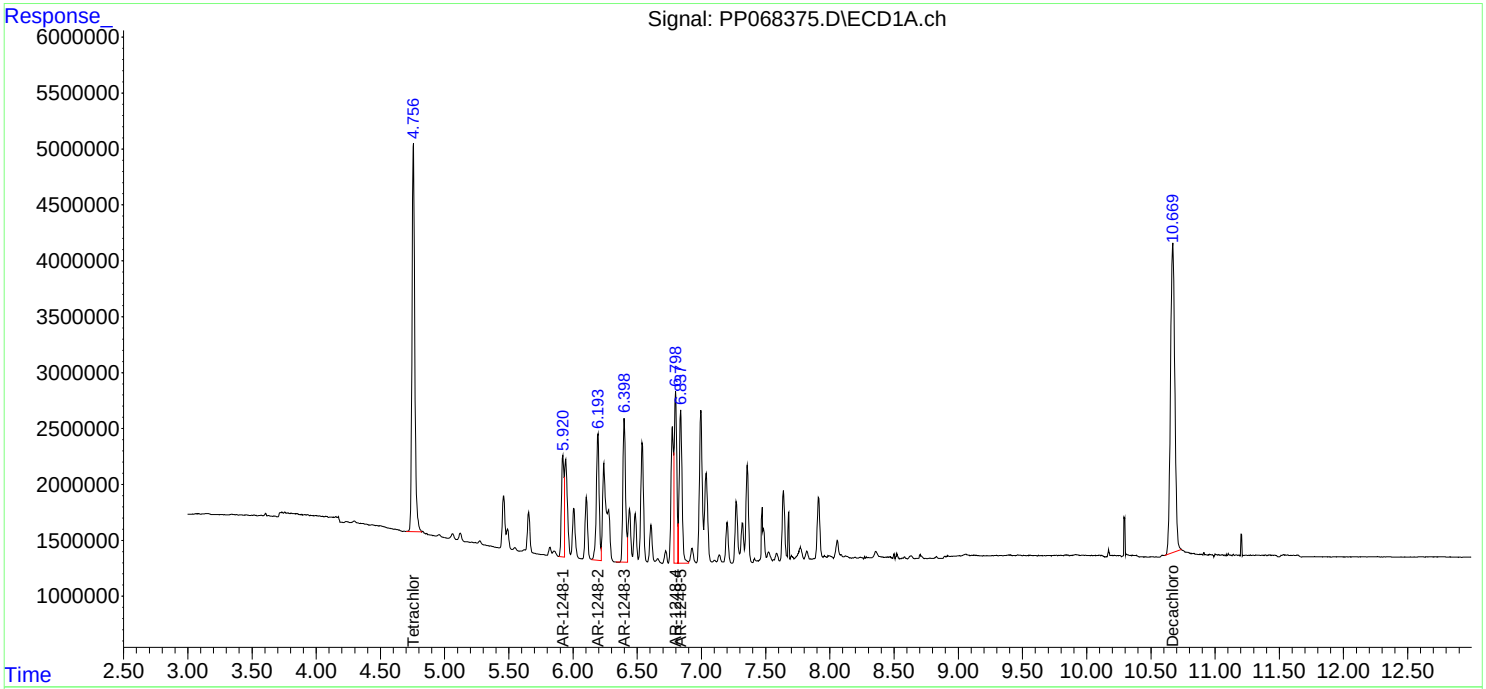
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

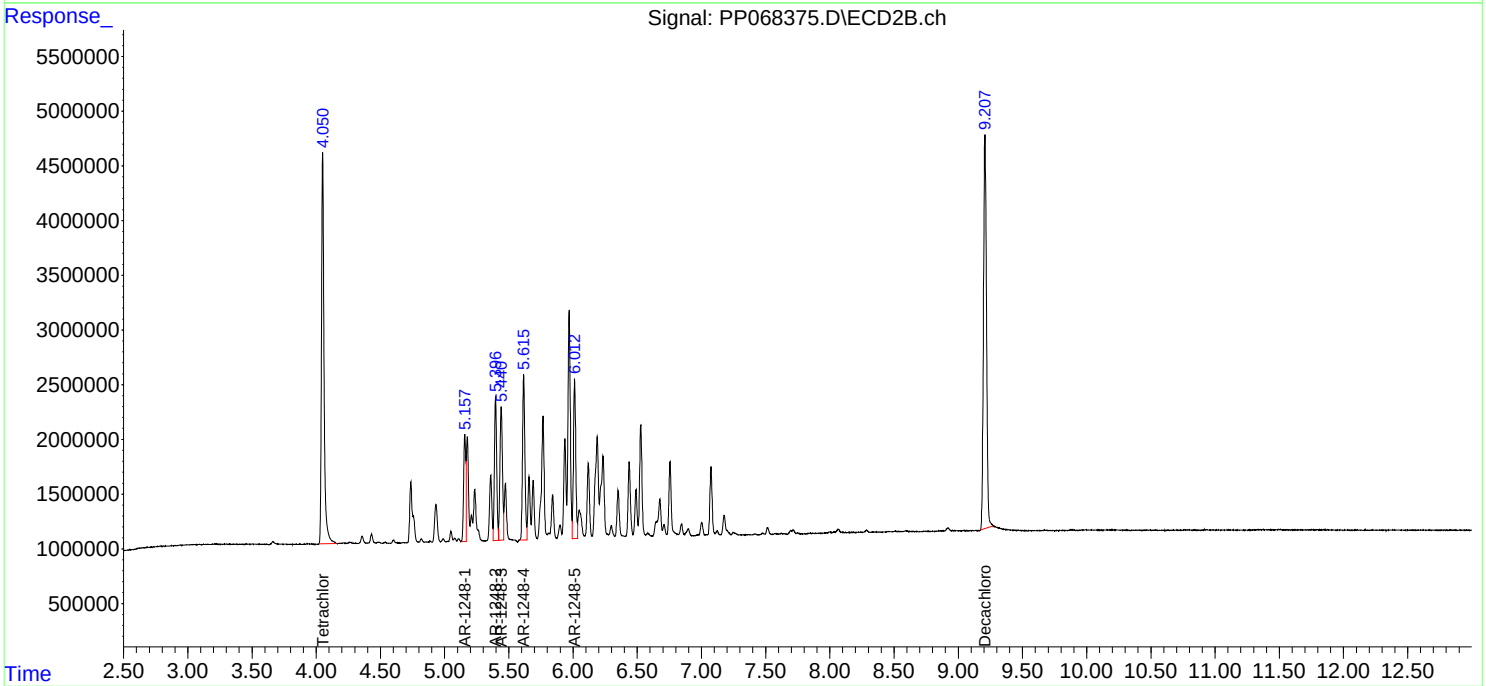
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068375.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 06:34
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

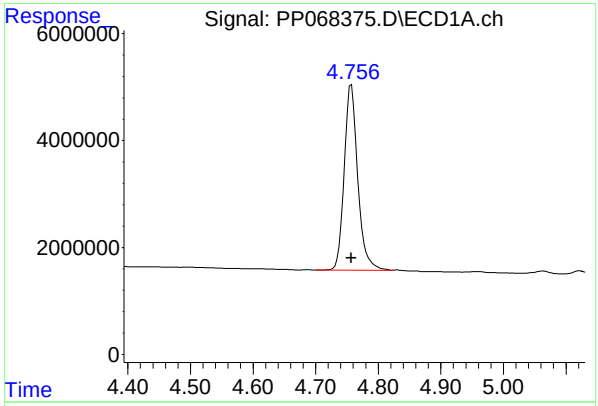
Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 06:59:17 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 06:51:17 2024
Response via : Initial Calibration
Integrator: ChemStation

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



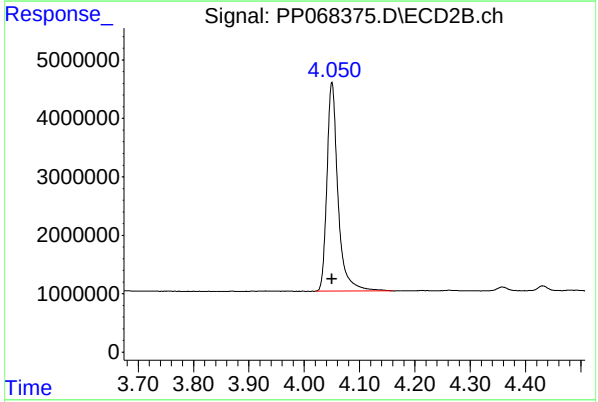




#1 Tetrachloro-m-xylene

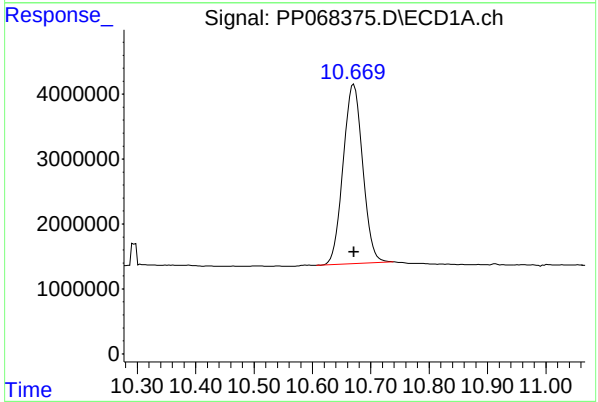
R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 52264841
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



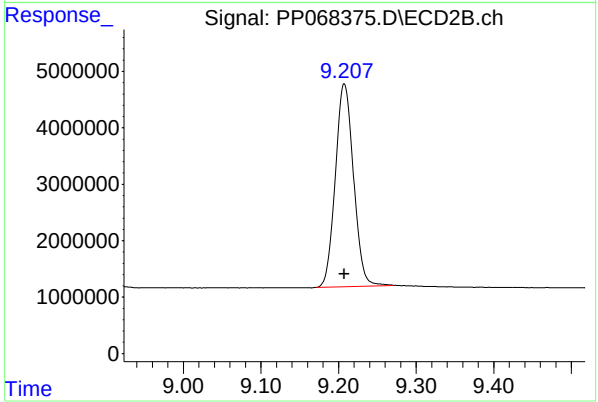
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 49547981
Conc: 50.00 ng/ml



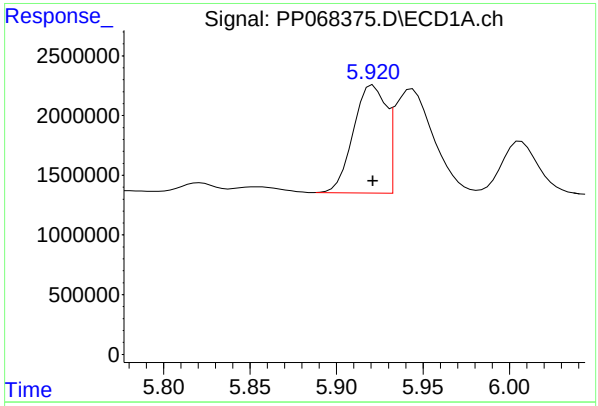
#2 Decachlorobiphenyl

R.T.: 10.671 min
Delta R.T.: 0.000 min
Response: 64381459
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

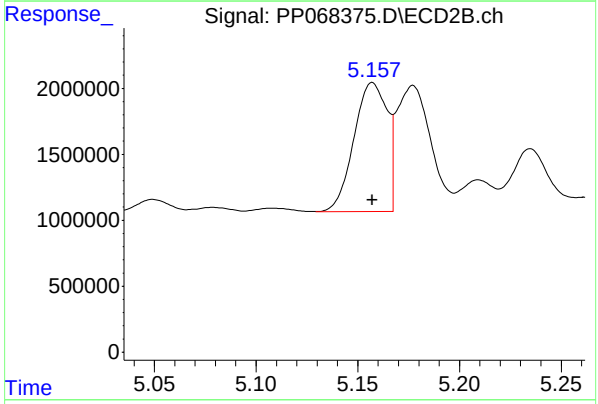
R.T.: 9.207 min
Delta R.T.: 0.000 min
Response: 58760010
Conc: 50.00 ng/ml



#21 AR-1248-1

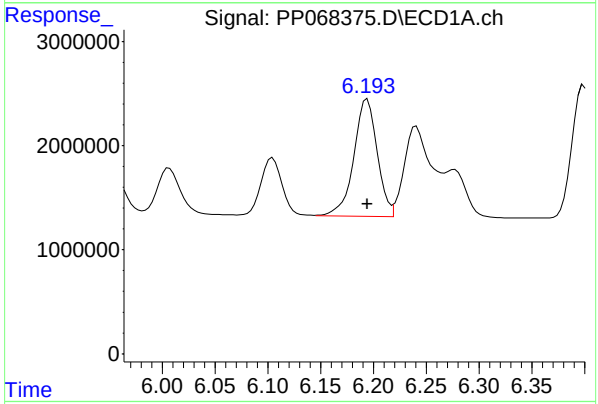
R.T.: 5.921 min
Delta R.T.: 0.000 min
Response: 11865437
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



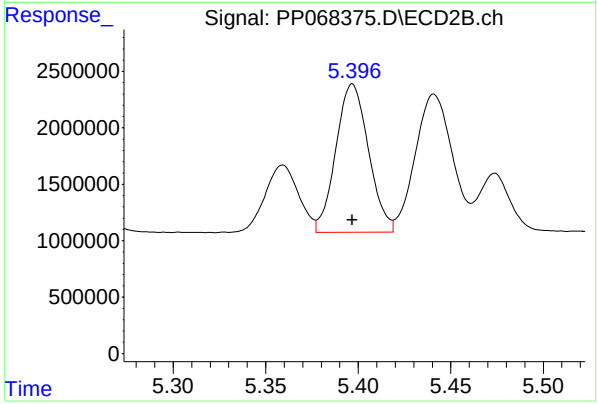
#21 AR-1248-1

R.T.: 5.157 min
Delta R.T.: 0.000 min
Response: 11128233
Conc: 500.00 ng/ml



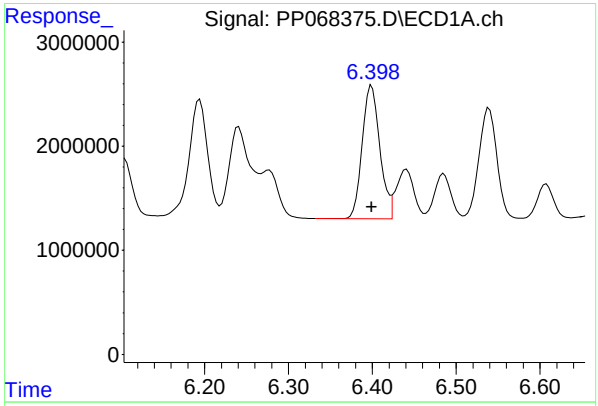
#22 AR-1248-2

R.T.: 6.194 min
Delta R.T.: 0.000 min
Response: 17359974
Conc: 500.00 ng/ml



#22 AR-1248-2

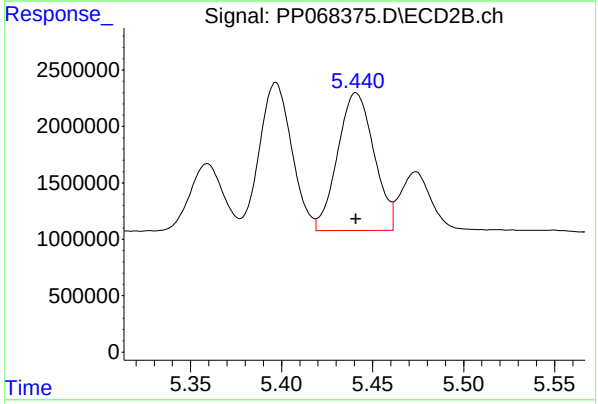
R.T.: 5.397 min
Delta R.T.: 0.000 min
Response: 16137046
Conc: 500.00 ng/ml



#23 AR-1248-3

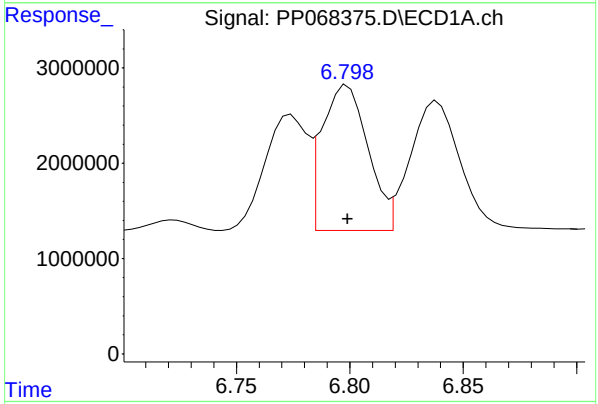
R.T.: 6.399 min
Delta R.T.: 0.000 min
Response: 18737715
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



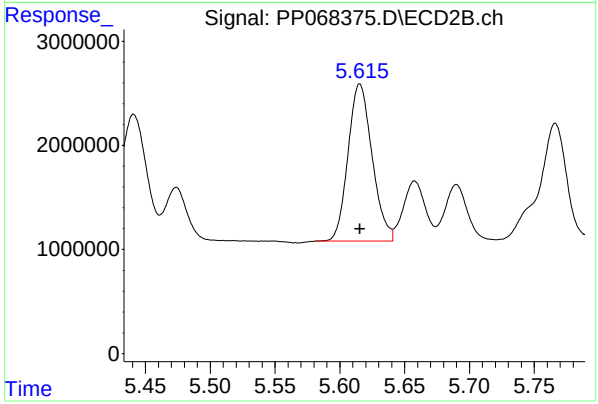
#23 AR-1248-3

R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 16948361
Conc: 500.00 ng/ml



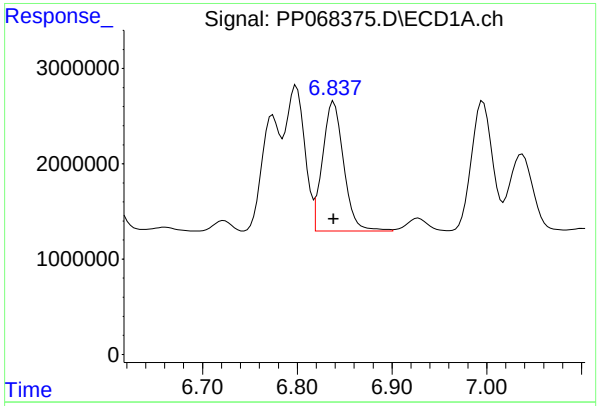
#24 AR-1248-4

R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 21539593
Conc: 500.00 ng/ml



#24 AR-1248-4

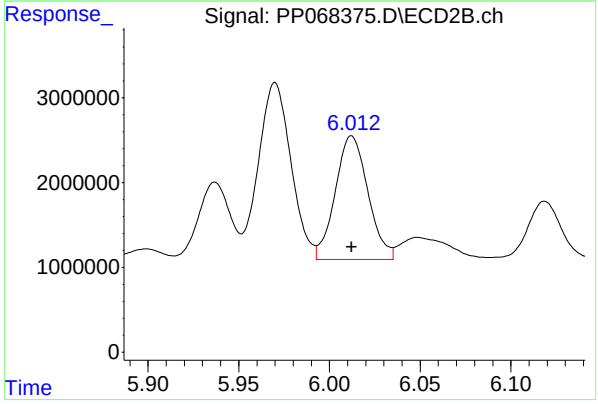
R.T.: 5.615 min
Delta R.T.: 0.000 min
Response: 19520704
Conc: 500.00 ng/ml



#25 AR-1248-5

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 21137823
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



#25 AR-1248-5

R.T.: 6.012 min
Delta R.T.: 0.000 min
Response: 18274058
Conc: 500.00 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068376.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 06:50
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 07:04:14 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 06:51:17 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.757	4.050	25555780	25959761	25.670	26.832
2)	SA Decachlor...	10.670	9.209	34717264	31159867	28.491	27.874
	Target Compounds						
21)	L5 AR-1248-1	5.920	5.157	6190631	5821980	276.395	277.574
22)	L5 AR-1248-2	6.194	5.397	8965381	8710730	272.036	285.694
23)	L5 AR-1248-3	6.397	5.441	10144567	9153534	281.522m	285.674
24)	L5 AR-1248-4	6.799	5.616	11882340	10721414	283.252	289.041
25)	L5 AR-1248-5	6.838	6.013	11818508	10171757	282.856	287.833

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068376.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 06:50
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

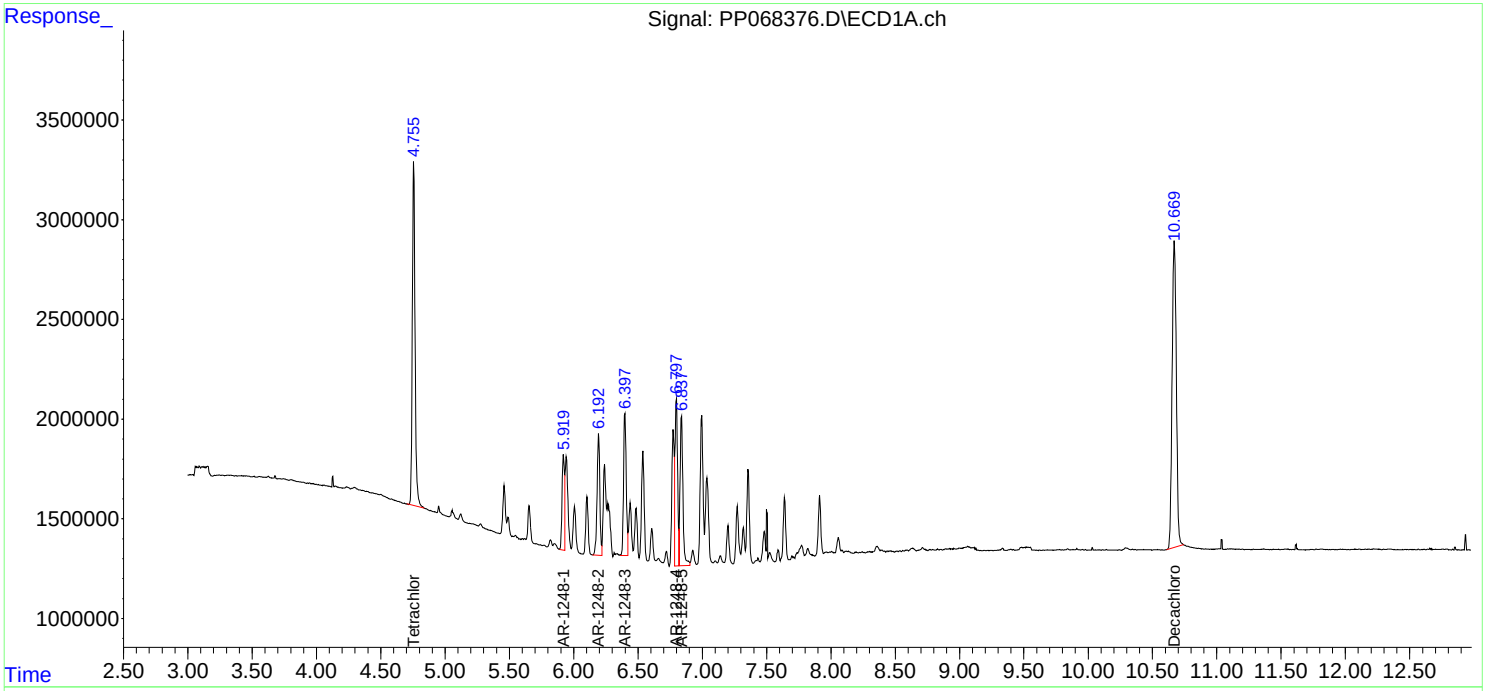
Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

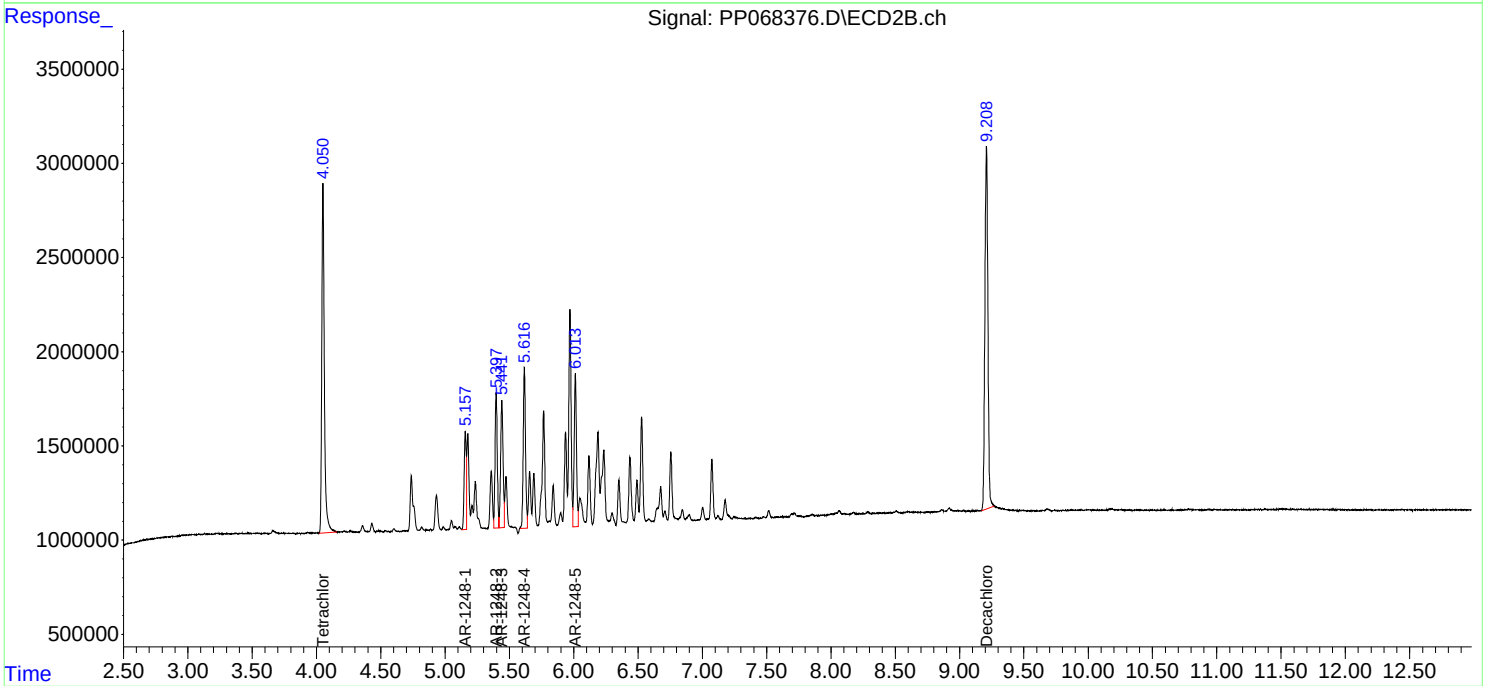
Manual Integrations APPROVED

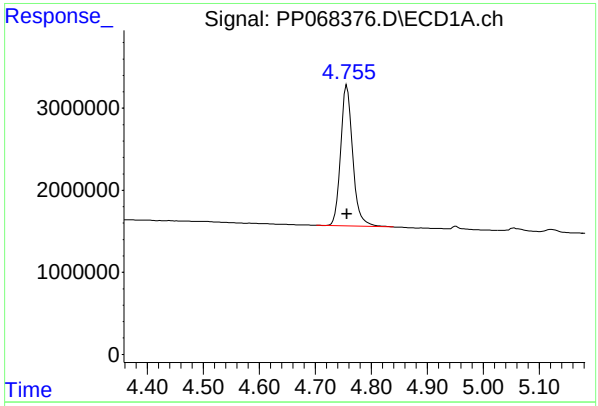
Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 07:04:14 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 06:51:17 2024
Response via : Initial Calibration
Integrator: ChemStation

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







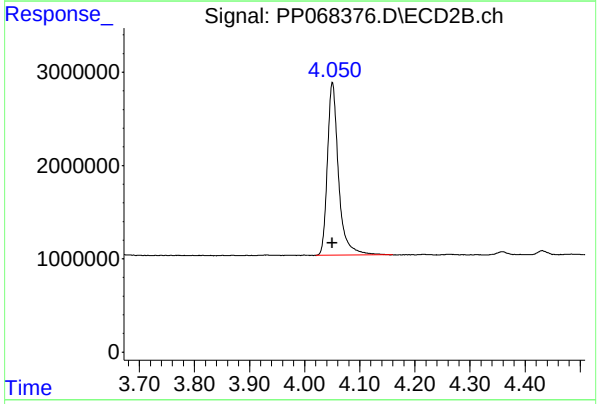
#1 Tetrachloro-m-xylene

R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 25555780
Conc: 25.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

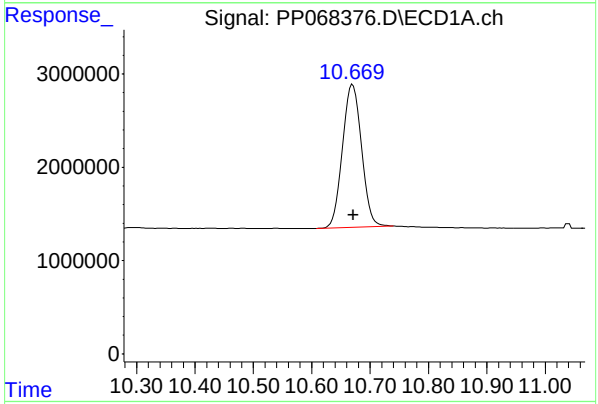
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



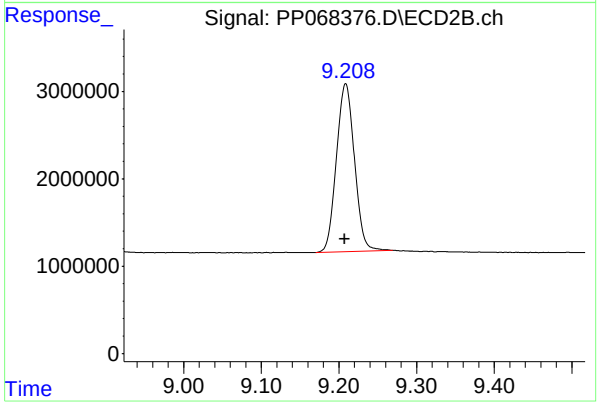
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 25959761
Conc: 26.83 ng/ml



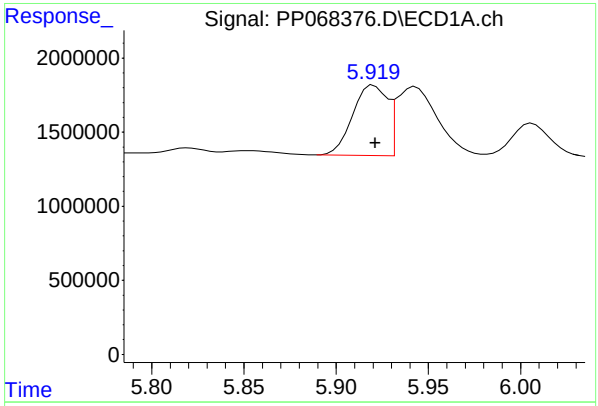
#2 Decachlorobiphenyl

R.T.: 10.670 min
Delta R.T.: 0.000 min
Response: 34717264
Conc: 28.49 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.209 min
Delta R.T.: 0.001 min
Response: 31159867
Conc: 27.87 ng/ml



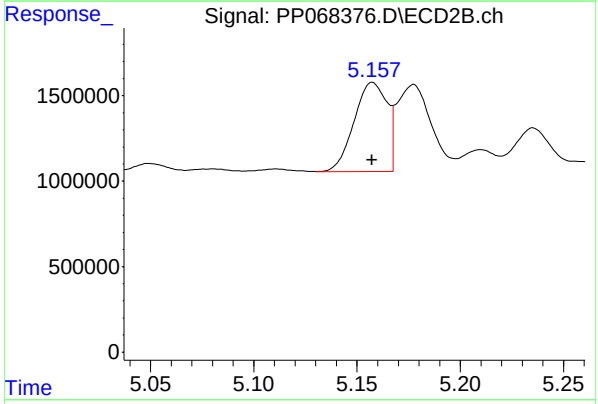
#21 AR-1248-1

R.T.: 5.920 min
Delta R.T.: 0.000 min
Response: 6190631
Conc: 276.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

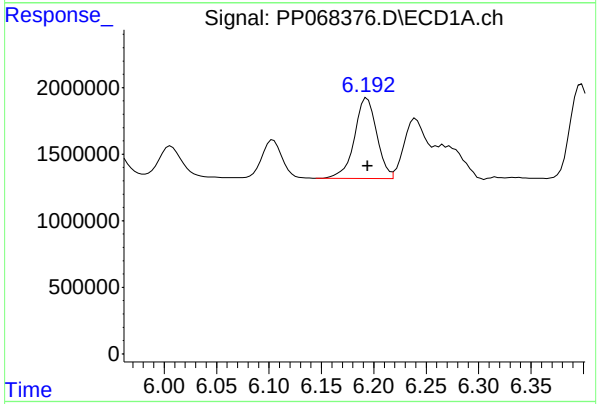
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



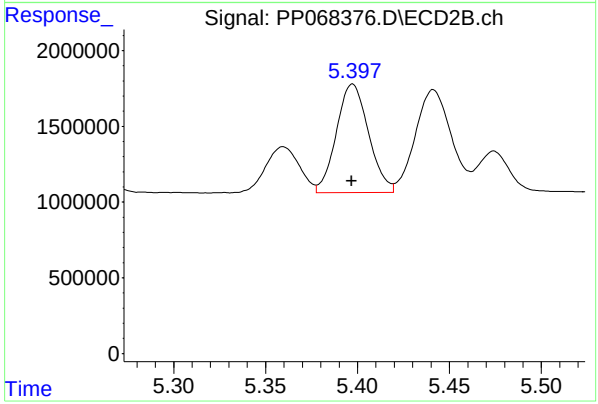
#21 AR-1248-1

R.T.: 5.157 min
Delta R.T.: 0.000 min
Response: 5821980
Conc: 277.57 ng/ml



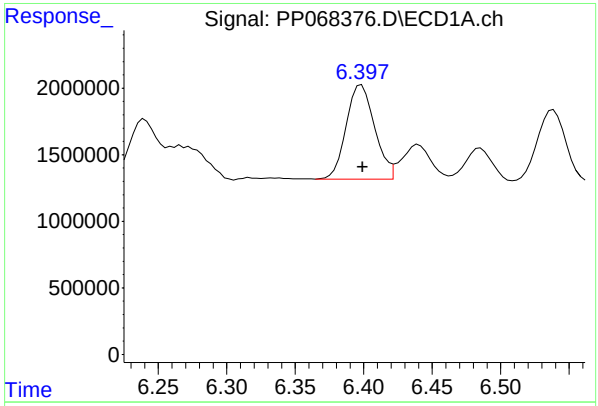
#22 AR-1248-2

R.T.: 6.194 min
Delta R.T.: 0.000 min
Response: 8965381
Conc: 272.04 ng/ml



#22 AR-1248-2

R.T.: 5.397 min
Delta R.T.: 0.000 min
Response: 8710730
Conc: 285.69 ng/ml



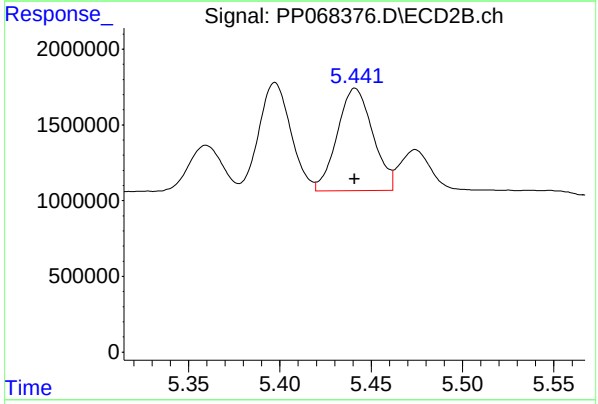
#23 AR-1248-3

R.T.: 6.397 min
Delta R.T.: -0.002 min
Response: 10144567
Conc: 281.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

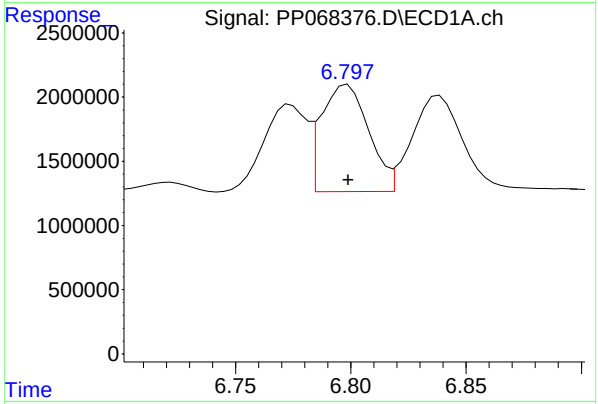
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



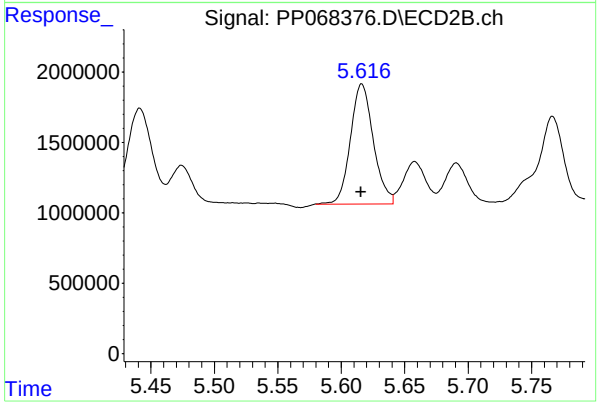
#23 AR-1248-3

R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 9153534
Conc: 285.67 ng/ml



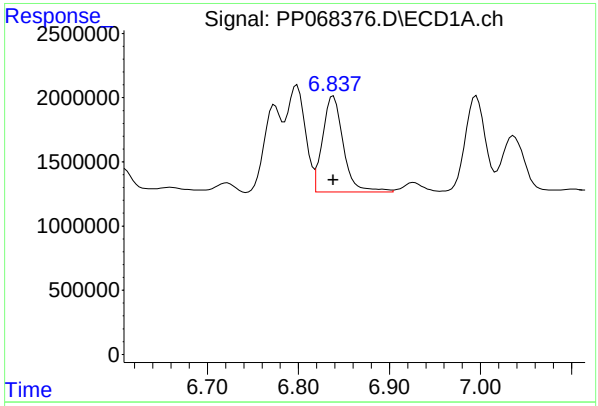
#24 AR-1248-4

R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 11882340
Conc: 283.25 ng/ml



#24 AR-1248-4

R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 10721414
Conc: 289.04 ng/ml



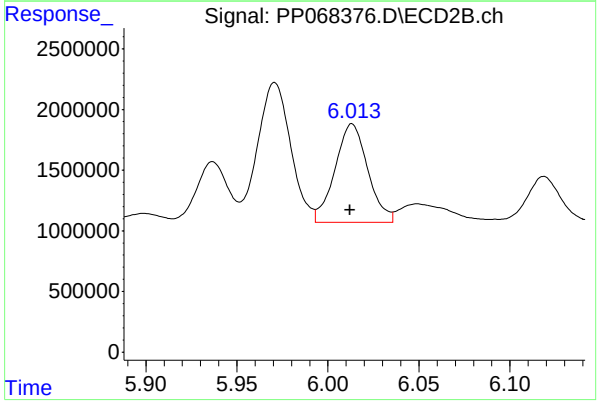
#25 AR-1248-5

R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 11818508
Conc: 282.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



#25 AR-1248-5

R.T.: 6.013 min
Delta R.T.: 0.001 min
Response: 10171757
Conc: 287.83 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068377.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 07:07
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: Nov 08 07:23:16 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 07:22:18 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.759	4.050	4528863	4576408	4.333	4.618
2)	SA Decachlor...	10.674	9.208	6587334	6156421	5.116	5.239
	Target Compounds						
21)	L5 AR-1248-1	5.923	5.156	1043327	1151288	43.965	51.728
22)	L5 AR-1248-2	6.197	5.397	1666097	1676654	47.987	51.950
23)	L5 AR-1248-3	6.402	5.440	1694797	1740066	45.224	51.334
24)	L5 AR-1248-4	6.802	5.615	2027482	1998950	47.064	51.201
25)	L5 AR-1248-5	6.842	6.012	1753691	1931861	41.482	52.858 #

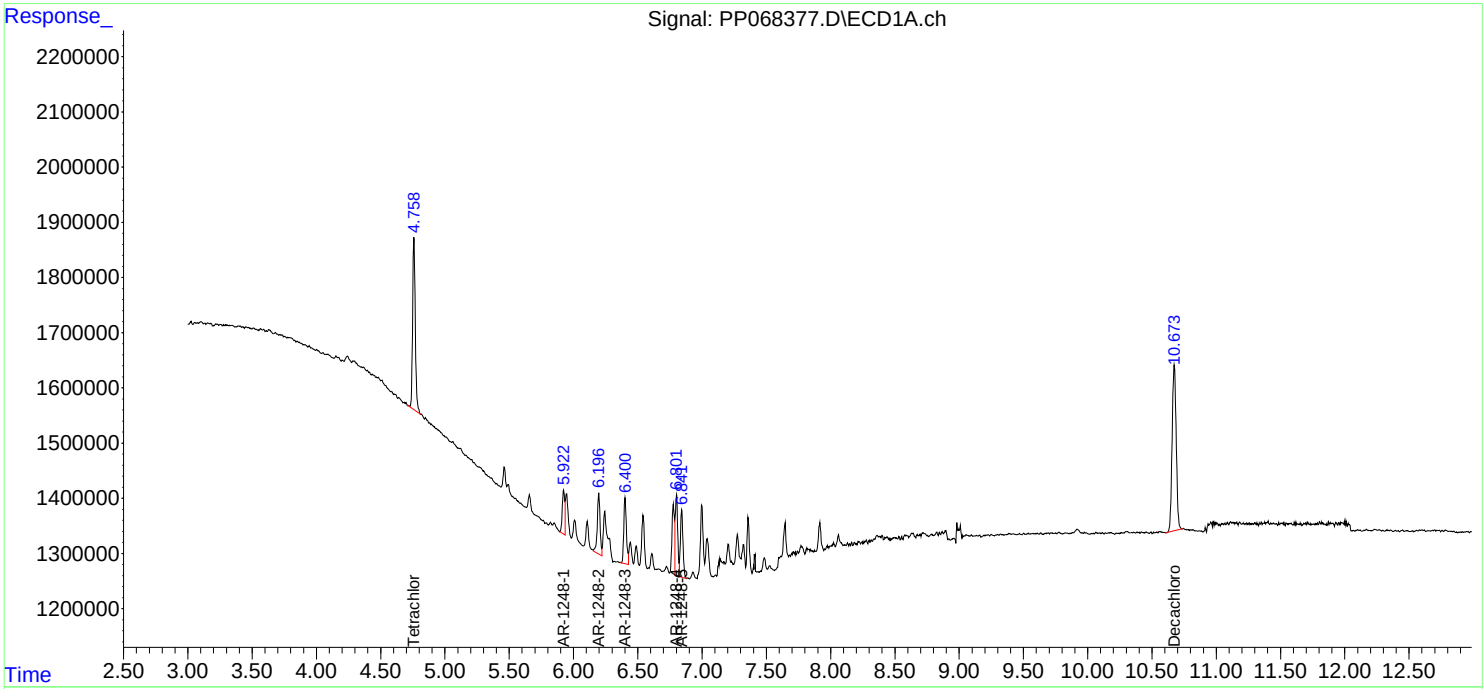
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

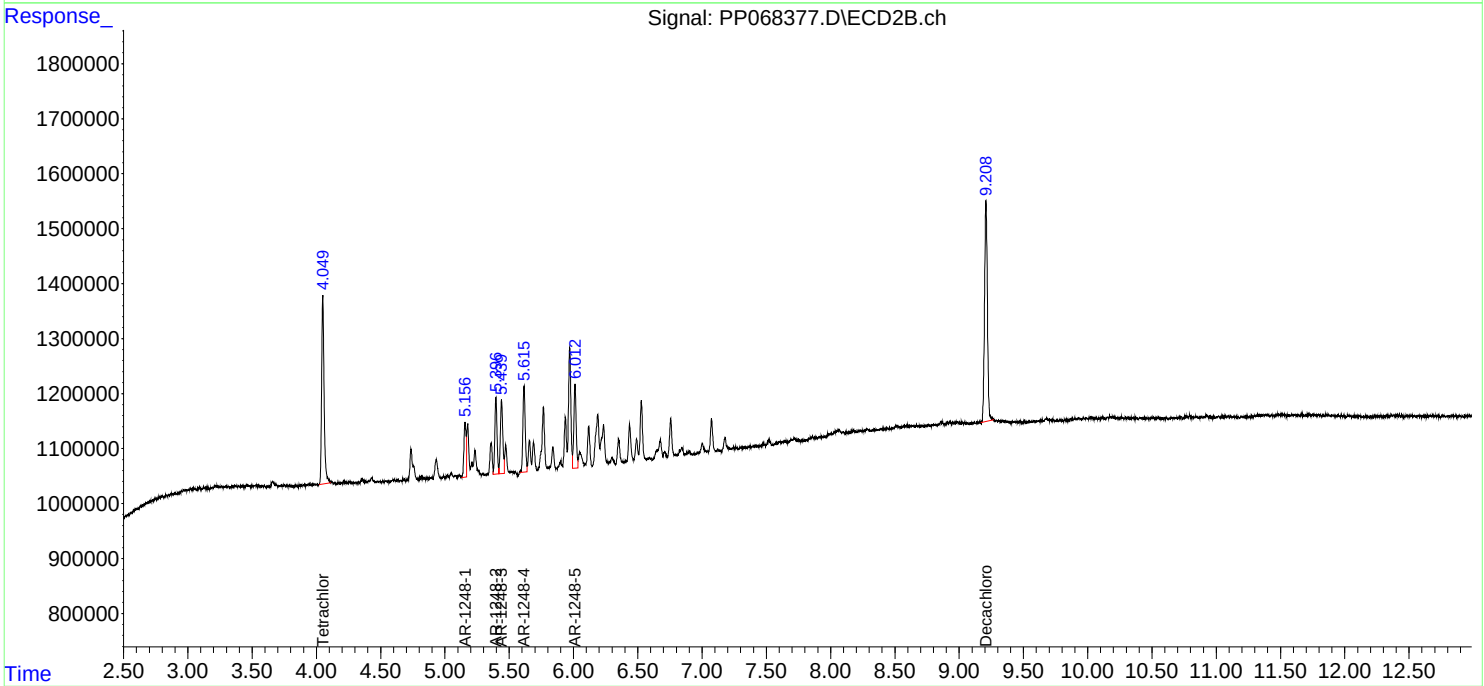
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068377.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 07:07
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

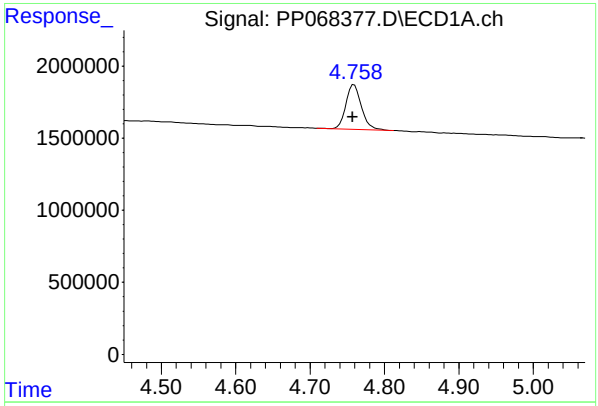
Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 07:23:16 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 07:22:18 2024
Response via : Initial Calibration
Integrator: ChemStation

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



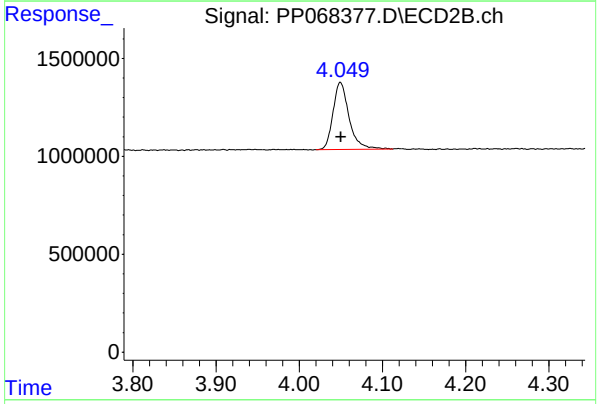




#1 Tetrachloro-m-xylene

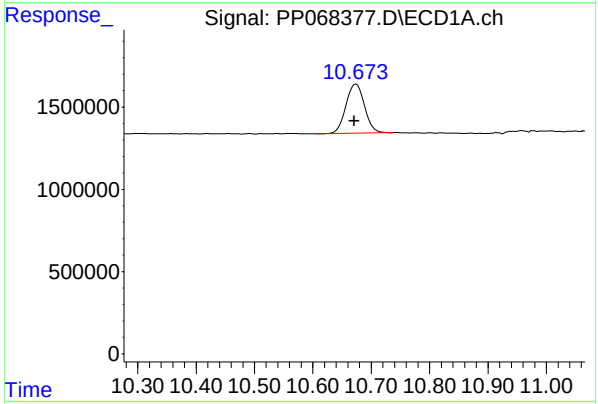
R.T.: 4.759 min
Delta R.T.: 0.002 min
Response: 4528863
Conc: 4.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



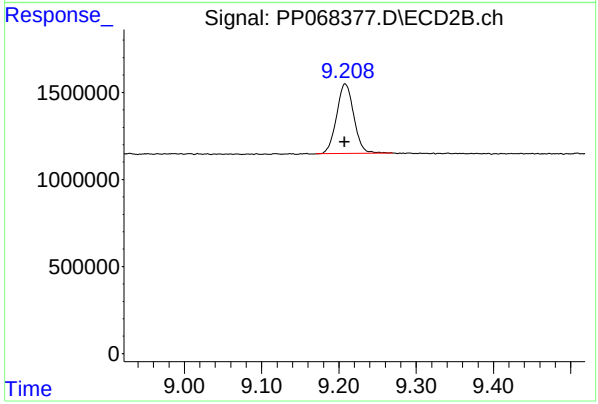
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 4576408
Conc: 4.62 ng/ml



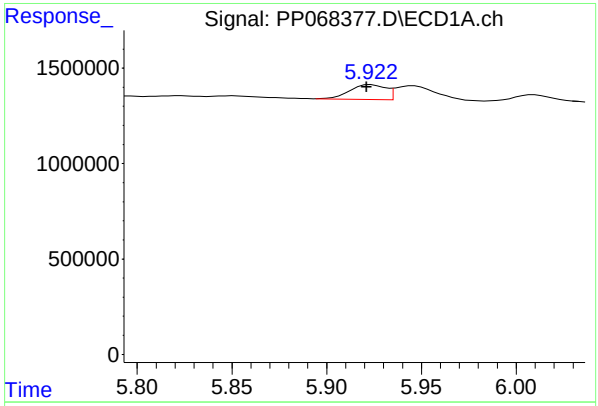
#2 Decachlorobiphenyl

R.T.: 10.674 min
Delta R.T.: 0.003 min
Response: 6587334
Conc: 5.12 ng/ml



#2 Decachlorobiphenyl

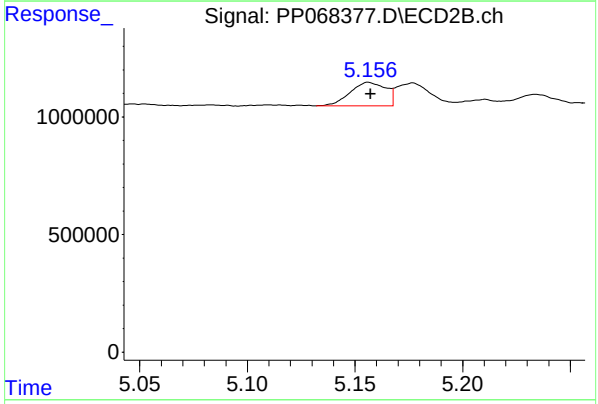
R.T.: 9.208 min
Delta R.T.: 0.000 min
Response: 6156421
Conc: 5.24 ng/ml



#21 AR-1248-1

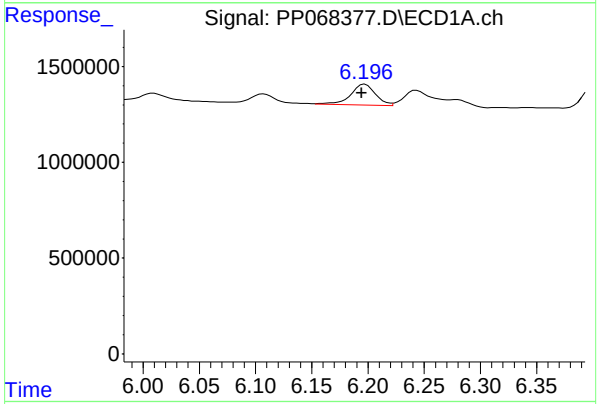
R.T.: 5.923 min
Delta R.T.: 0.002 min
Response: 1043327
Conc: 43.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



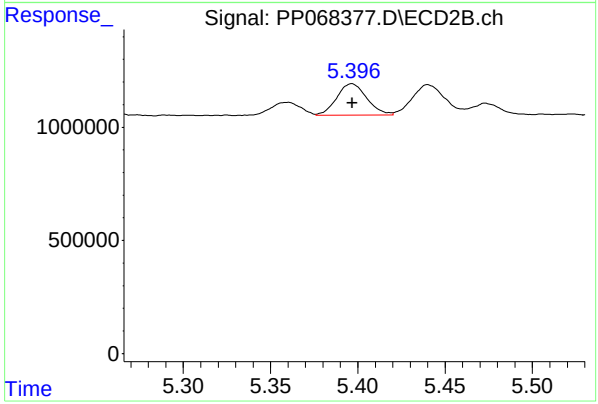
#21 AR-1248-1

R.T.: 5.156 min
Delta R.T.: 0.000 min
Response: 1151288
Conc: 51.73 ng/ml



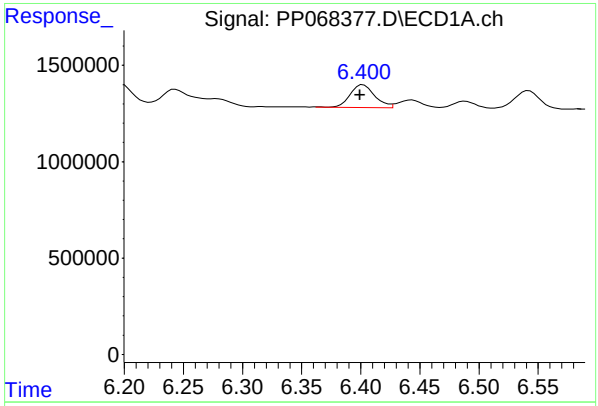
#22 AR-1248-2

R.T.: 6.197 min
Delta R.T.: 0.003 min
Response: 1666097
Conc: 47.99 ng/ml



#22 AR-1248-2

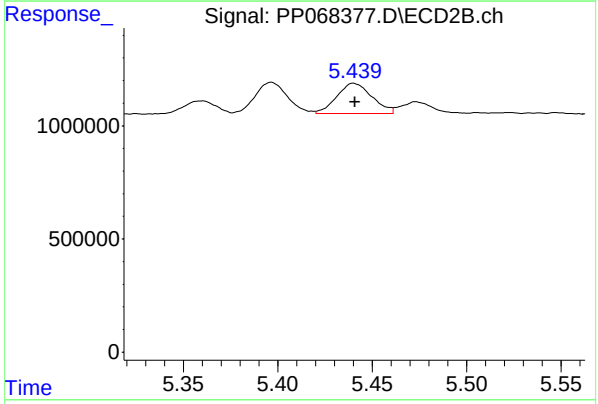
R.T.: 5.397 min
Delta R.T.: 0.000 min
Response: 1676654
Conc: 51.95 ng/ml



#23 AR-1248-3

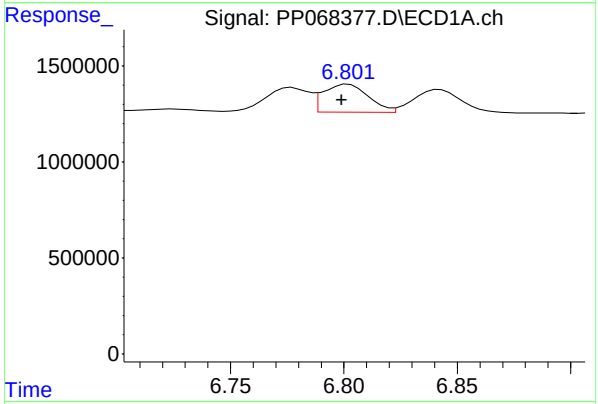
R.T.: 6.402 min
Delta R.T.: 0.003 min
Response: 1694797
Conc: 45.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



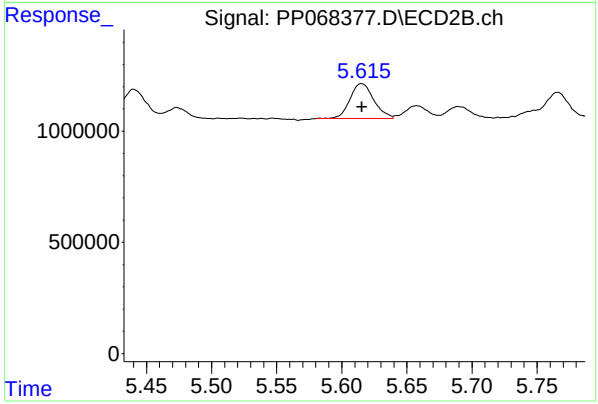
#23 AR-1248-3

R.T.: 5.440 min
Delta R.T.: 0.000 min
Response: 1740066
Conc: 51.33 ng/ml



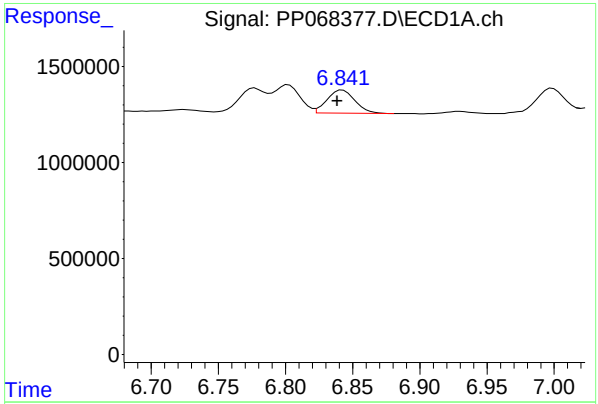
#24 AR-1248-4

R.T.: 6.802 min
Delta R.T.: 0.003 min
Response: 2027482
Conc: 47.06 ng/ml



#24 AR-1248-4

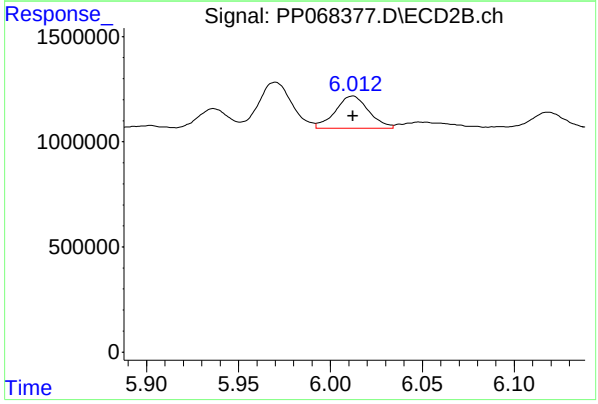
R.T.: 5.615 min
Delta R.T.: 0.000 min
Response: 1998950
Conc: 51.20 ng/ml



#25 AR-1248-5

R.T.: 6.842 min
Delta R.T.: 0.004 min
Response: 1753691
Conc: 41.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



#25 AR-1248-5

R.T.: 6.012 min
Delta R.T.: 0.000 min
Response: 1931861
Conc: 52.86 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068378.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 07:23
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 09:53:19 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 09:47:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.757	4.050	98906691	98166081	99.647	98.675
2)	SA Decachlor...	10.669	9.208	118.4E6	110.1E6	95.937	95.442
	Target Compounds						
26)	L6 AR-1254-1	6.774	5.972	45656926	54665587	938.538m	948.417
27)	L6 AR-1254-2	6.993	6.118	61419018	47820782	968.856	948.634
28)	L6 AR-1254-3	7.358	6.528	65006662	78076384	973.954	965.144
29)	L6 AR-1254-4	7.640	6.756	47495422	45870471	969.884	964.598
30)	L6 AR-1254-5	8.057	7.178	57629379	70292397	967.480m	976.325

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068378.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 07:23
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

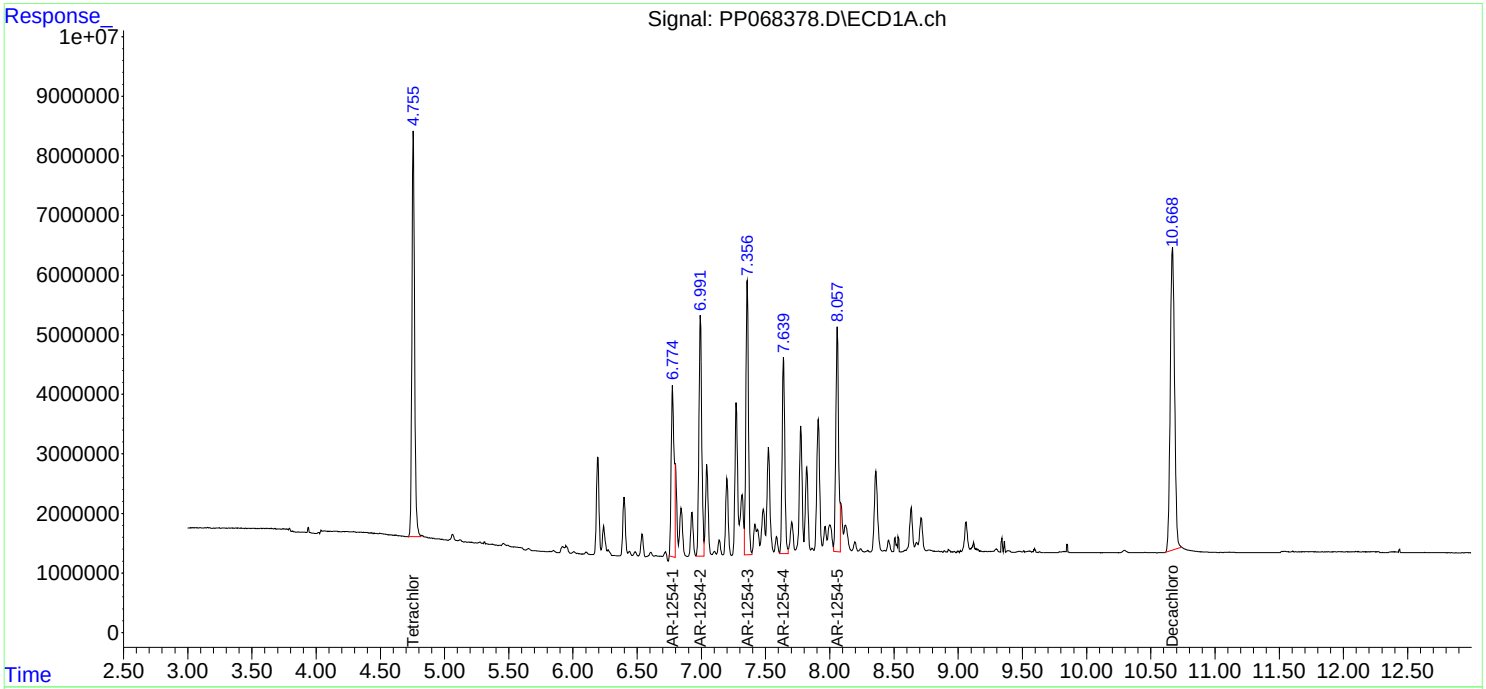
Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

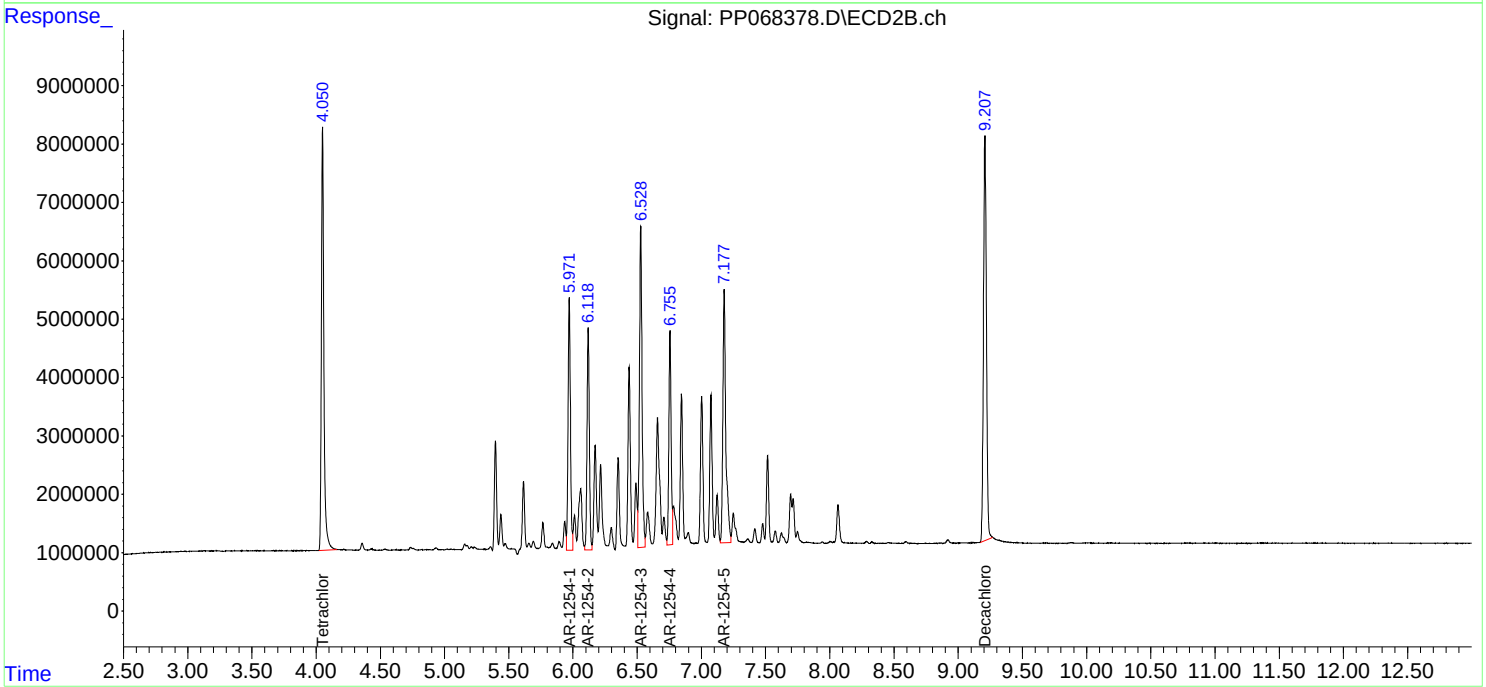
Manual Integrations APPROVED

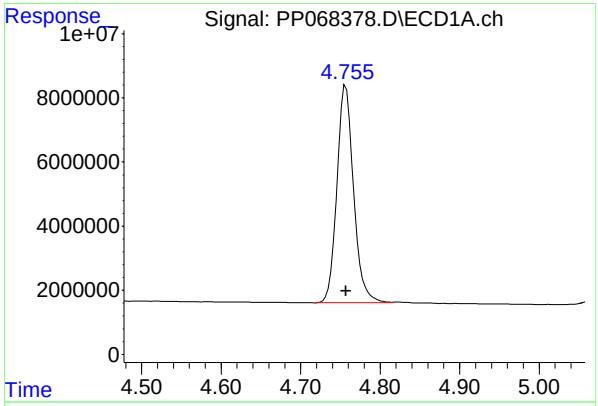
Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 09:53:19 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 09:47:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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







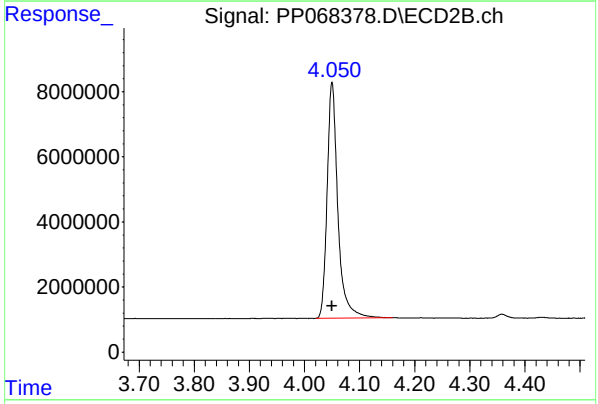
#1 Tetrachloro-m-xylene

R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 98906691
Conc: 99.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

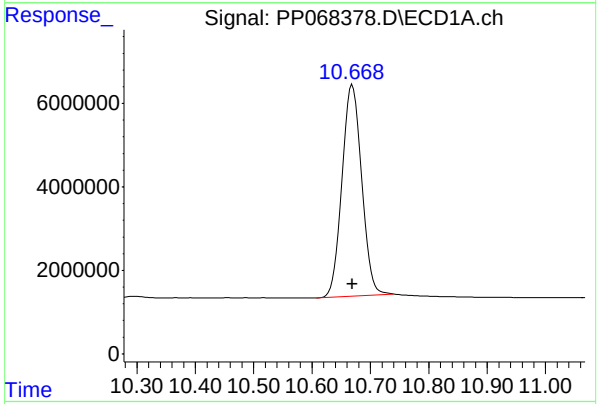
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



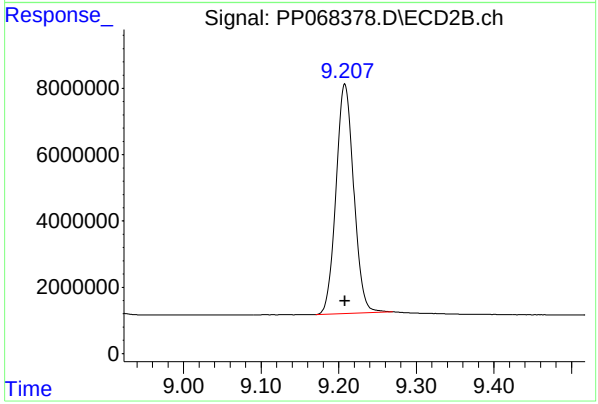
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 98166081
Conc: 98.68 ng/ml



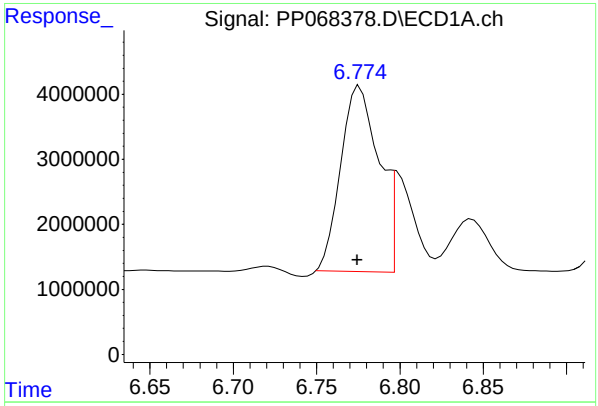
#2 Decachlorobiphenyl

R.T.: 10.669 min
Delta R.T.: 0.000 min
Response: 118392592
Conc: 95.94 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.208 min
Delta R.T.: 0.000 min
Response: 110136165
Conc: 95.44 ng/ml



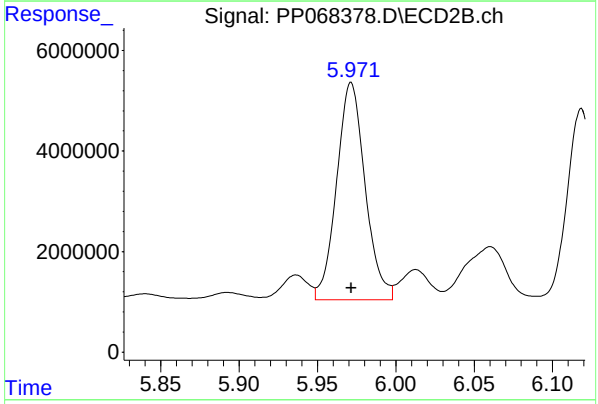
#26 AR-1254-1

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 45656926
Conc: 938.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

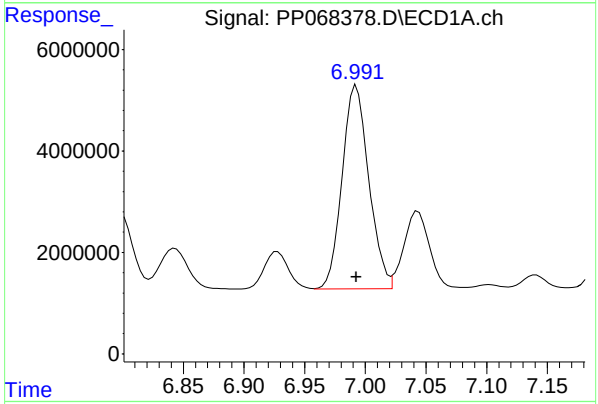
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



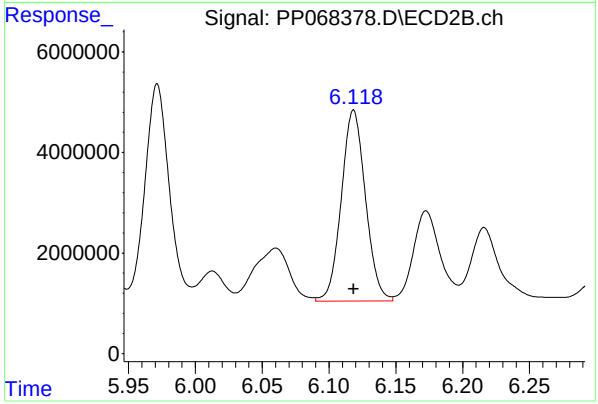
#26 AR-1254-1

R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 54665587
Conc: 948.42 ng/ml



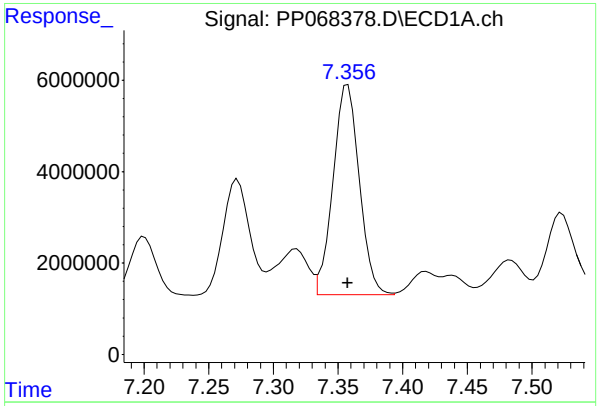
#27 AR-1254-2

R.T.: 6.993 min
Delta R.T.: 0.000 min
Response: 61419018
Conc: 968.86 ng/ml



#27 AR-1254-2

R.T.: 6.118 min
Delta R.T.: 0.000 min
Response: 47820782
Conc: 948.63 ng/ml



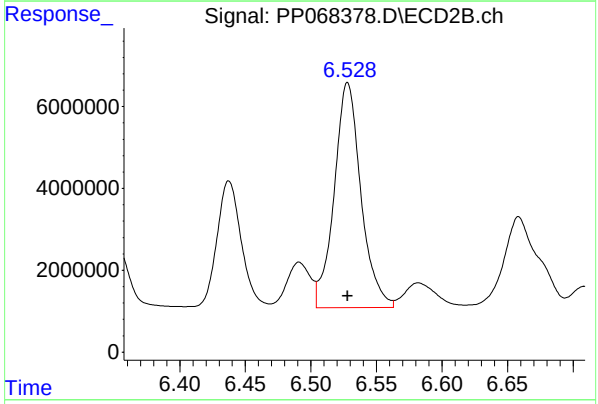
#28 AR-1254-3

R.T.: 7.358 min
Delta R.T.: 0.000 min
Response: 65006662
Conc: 973.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

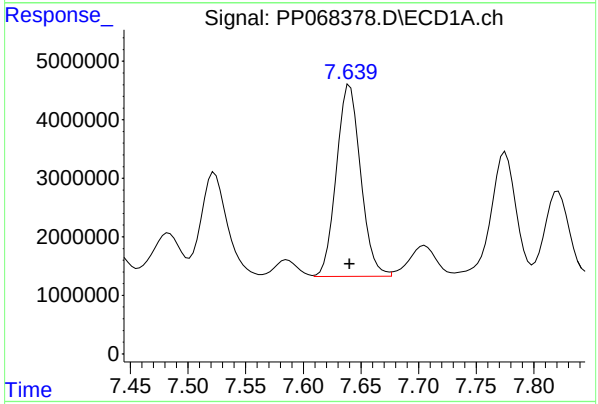
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



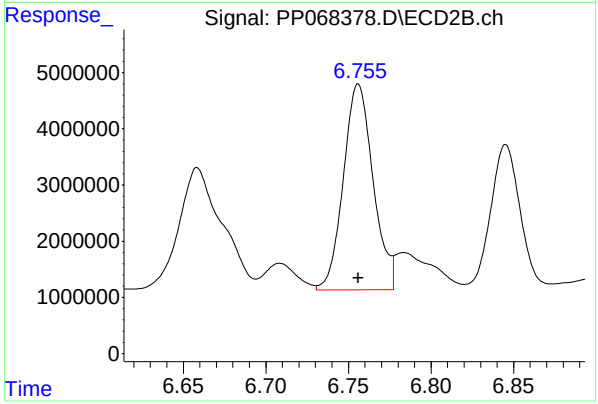
#28 AR-1254-3

R.T.: 6.528 min
Delta R.T.: 0.000 min
Response: 78076384
Conc: 965.14 ng/ml



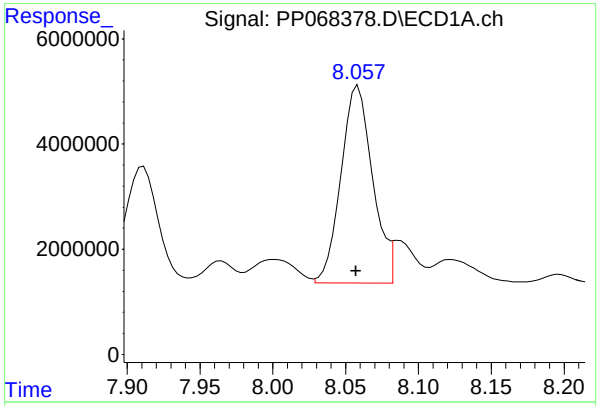
#29 AR-1254-4

R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 47495422
Conc: 969.88 ng/ml



#29 AR-1254-4

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 45870471
Conc: 964.60 ng/ml



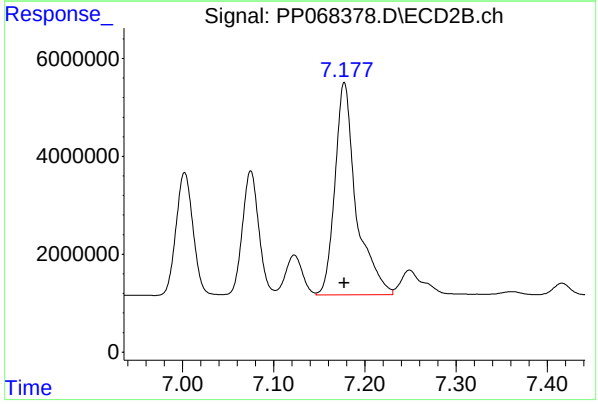
#30 AR-1254-5

R.T.: 8.057 min
Delta R.T.: 0.000 min
Response: 57629379
Conc: 967.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



#30 AR-1254-5

R.T.: 7.178 min
Delta R.T.: 0.000 min
Response: 70292397
Conc: 976.33 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068379.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 07:39
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 09:56:22 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 09:47:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.758	4.051	73138766	72824240	74.119	73.792
2)	SA Decachlor...	10.672	9.210	90848573	84413757	74.072	73.757
	Target Compounds						
26)	L6 AR-1254-1	6.776	5.973	34778088	43052180	739.472m	747.951
27)	L6 AR-1254-2	6.995	6.120	46567486	37049264	739.649	739.903
28)	L6 AR-1254-3	7.359	6.529	49804825	59696040	747.459	741.913
29)	L6 AR-1254-4	7.642	6.757	36562831	35361668	747.753	745.729
30)	L6 AR-1254-5	8.060	7.178	43554556	53183280	738.602	742.421

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068379.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 07:39
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

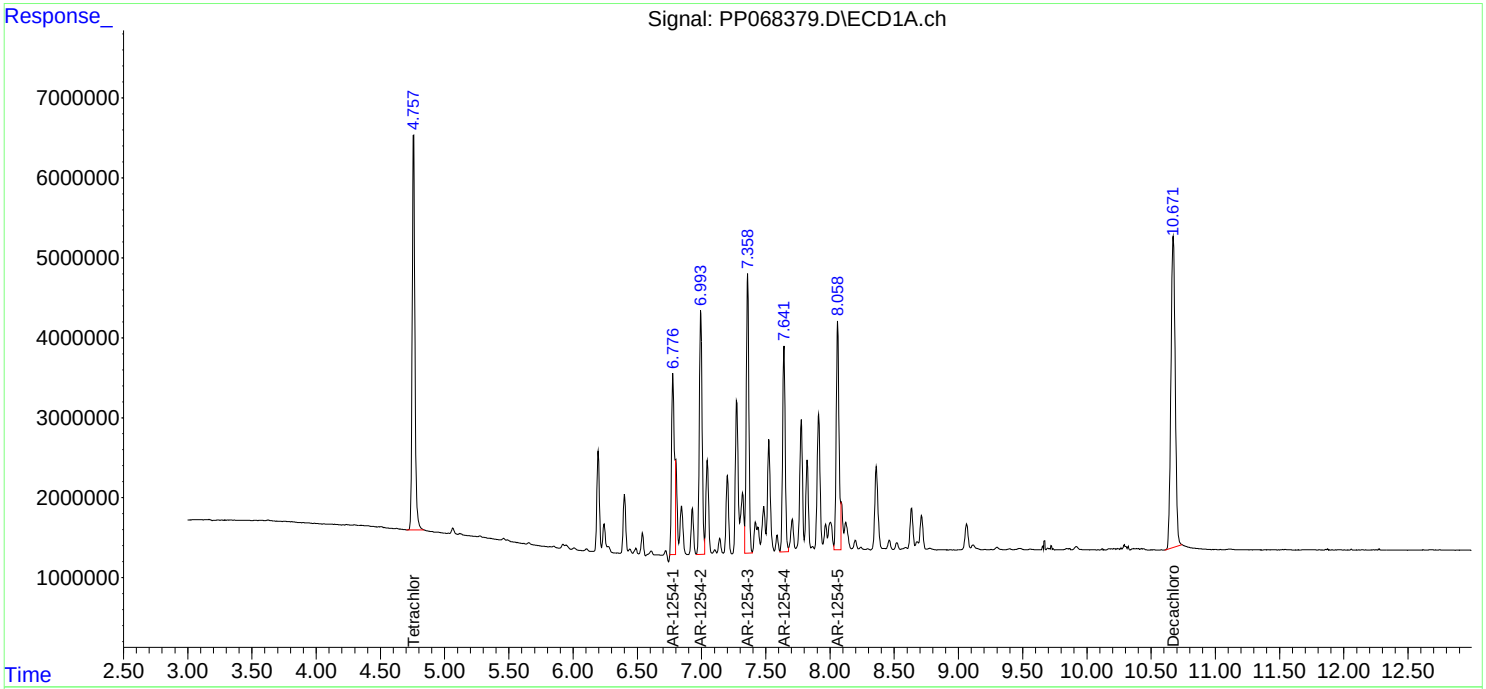
Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

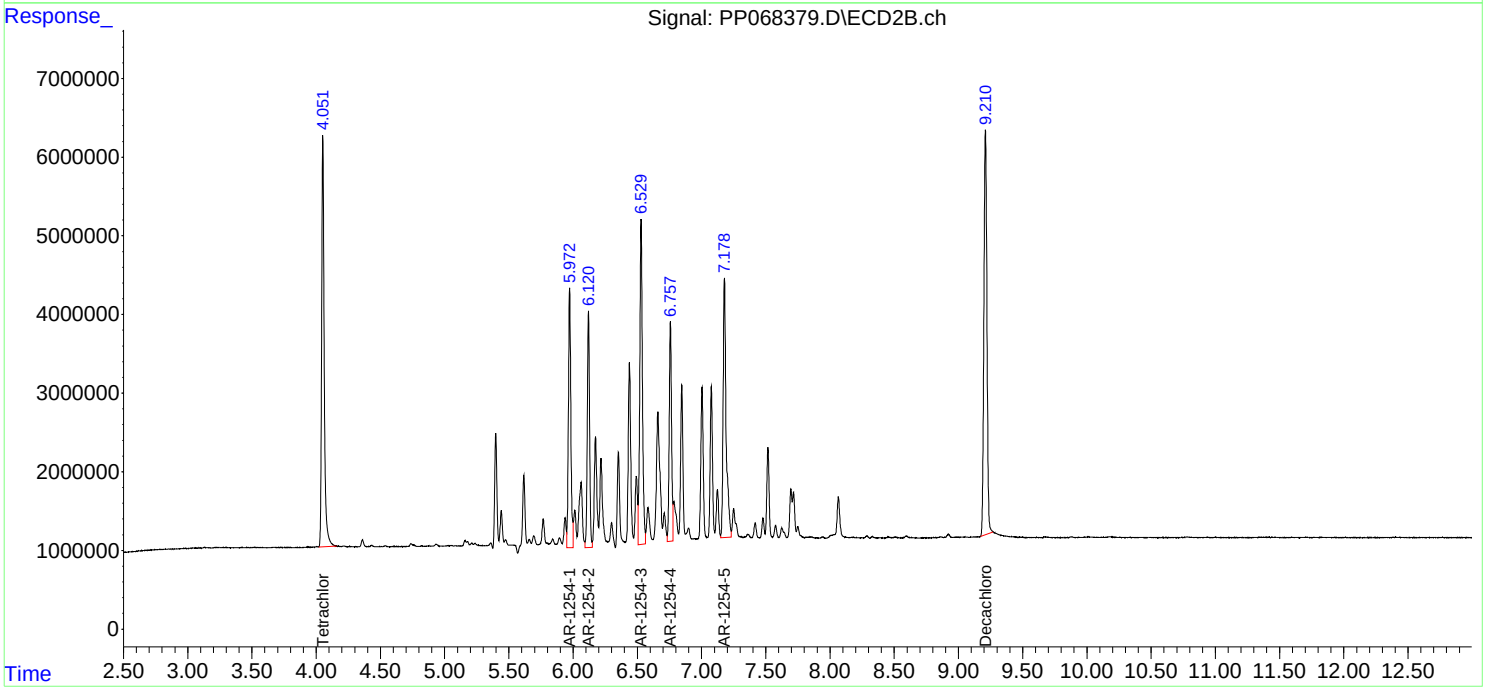
Manual Integrations APPROVED

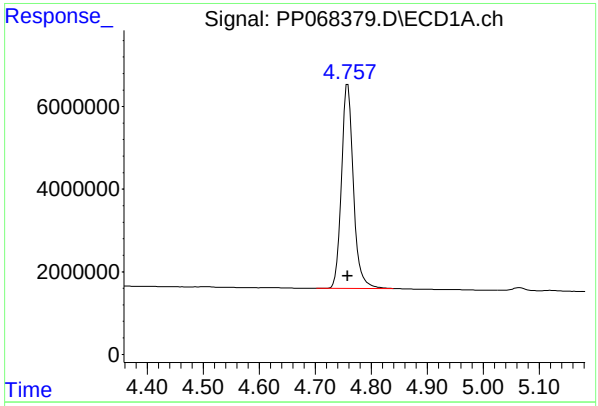
Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 09:56:22 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 09:47:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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







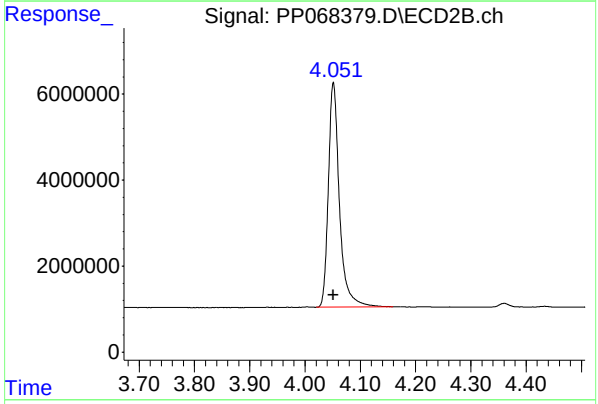
#1 Tetrachloro-m-xylene

R.T.: 4.758 min
Delta R.T.: 0.000 min
Response: 73138766
Conc: 74.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

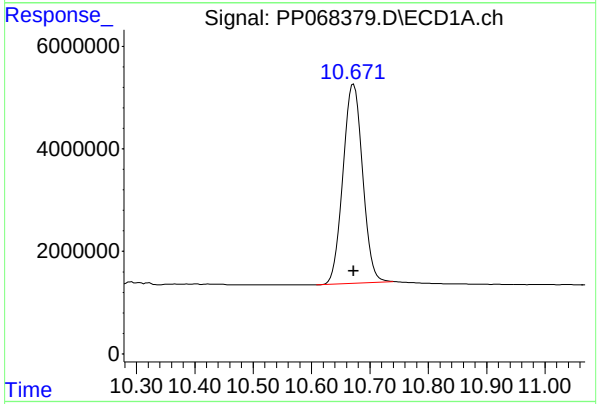
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



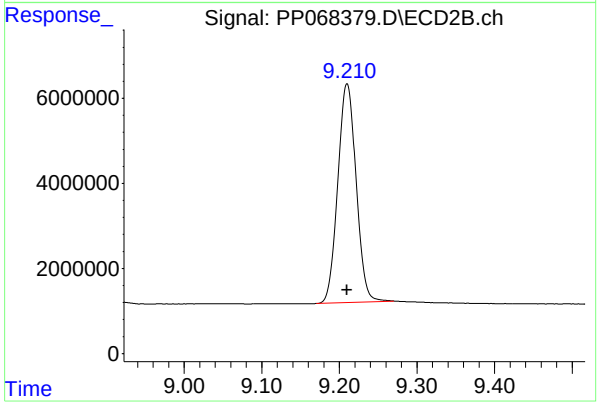
#1 Tetrachloro-m-xylene

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 72824240
Conc: 73.79 ng/ml



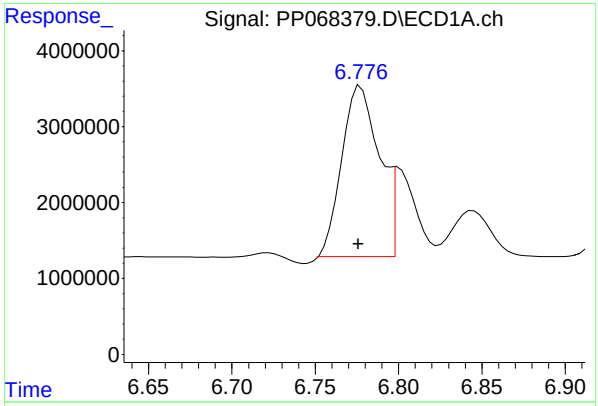
#2 Decachlorobiphenyl

R.T.: 10.672 min
Delta R.T.: 0.000 min
Response: 90848573
Conc: 74.07 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.210 min
Delta R.T.: 0.000 min
Response: 84413757
Conc: 73.76 ng/ml



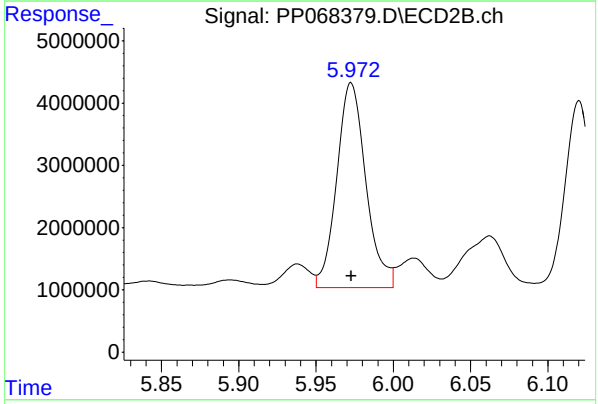
#26 AR-1254-1

R.T.: 6.776 min
Delta R.T.: 0.000 min
Response: 34778088
Conc: 739.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

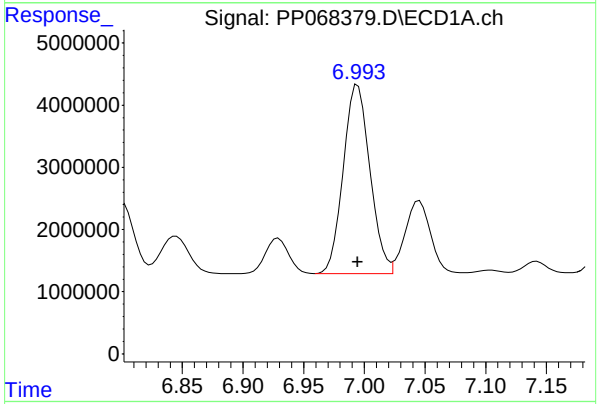
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



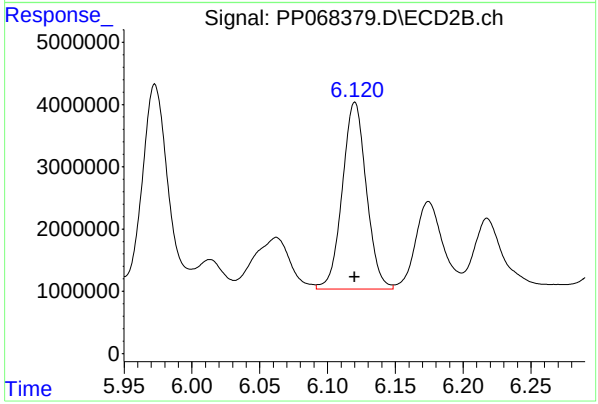
#26 AR-1254-1

R.T.: 5.973 min
Delta R.T.: 0.000 min
Response: 43052180
Conc: 747.95 ng/ml



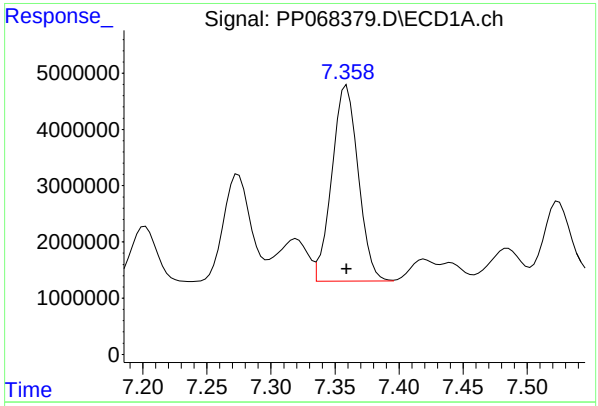
#27 AR-1254-2

R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 46567486
Conc: 739.65 ng/ml



#27 AR-1254-2

R.T.: 6.120 min
Delta R.T.: 0.000 min
Response: 37049264
Conc: 739.90 ng/ml



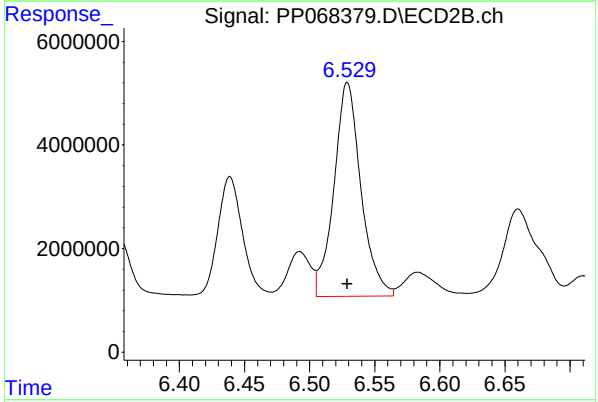
#28 AR-1254-3

R.T.: 7.359 min
Delta R.T.: 0.000 min
Response: 49804825
Conc: 747.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

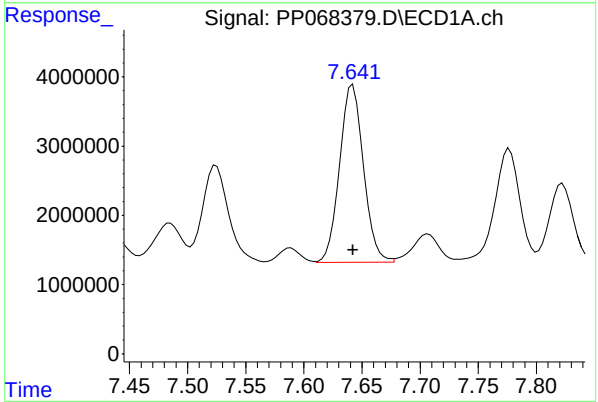
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



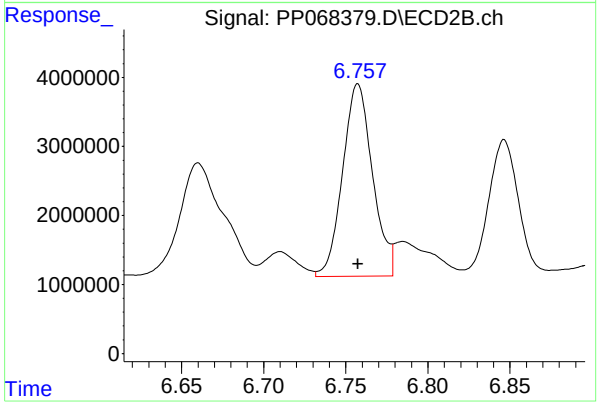
#28 AR-1254-3

R.T.: 6.529 min
Delta R.T.: 0.000 min
Response: 59696040
Conc: 741.91 ng/ml



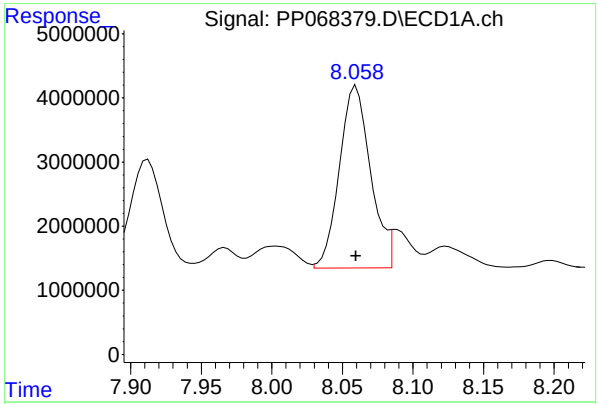
#29 AR-1254-4

R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 36562831
Conc: 747.75 ng/ml



#29 AR-1254-4

R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 35361668
Conc: 745.73 ng/ml



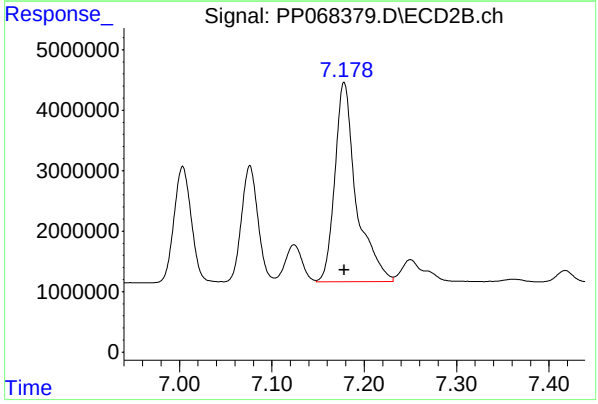
#30 AR-1254-5

R.T.: 8.060 min
Delta R.T.: 0.000 min
Response: 43554556
Conc: 738.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



#30 AR-1254-5

R.T.: 7.178 min
Delta R.T.: 0.000 min
Response: 53183280
Conc: 742.42 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068380.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 07:56
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 09:49:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 09:47:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.760	4.050	49803816	50400916	50.000	50.000
2)	SA Decachlor...	10.673	9.208	64210545	60328289	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	6.779	5.972	24295854	30305971	505.197m	500.000
27)	L6 AR-1254-2	6.997	6.119	32683808	26499770	500.000	500.000
28)	L6 AR-1254-3	7.361	6.528	34241792	41857886	500.000	500.000
29)	L6 AR-1254-4	7.644	6.756	25222520	24618732	500.000	500.000
30)	L6 AR-1254-5	8.060	7.178	30602299	36850719	499.003m	500.000

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

ICAL Form

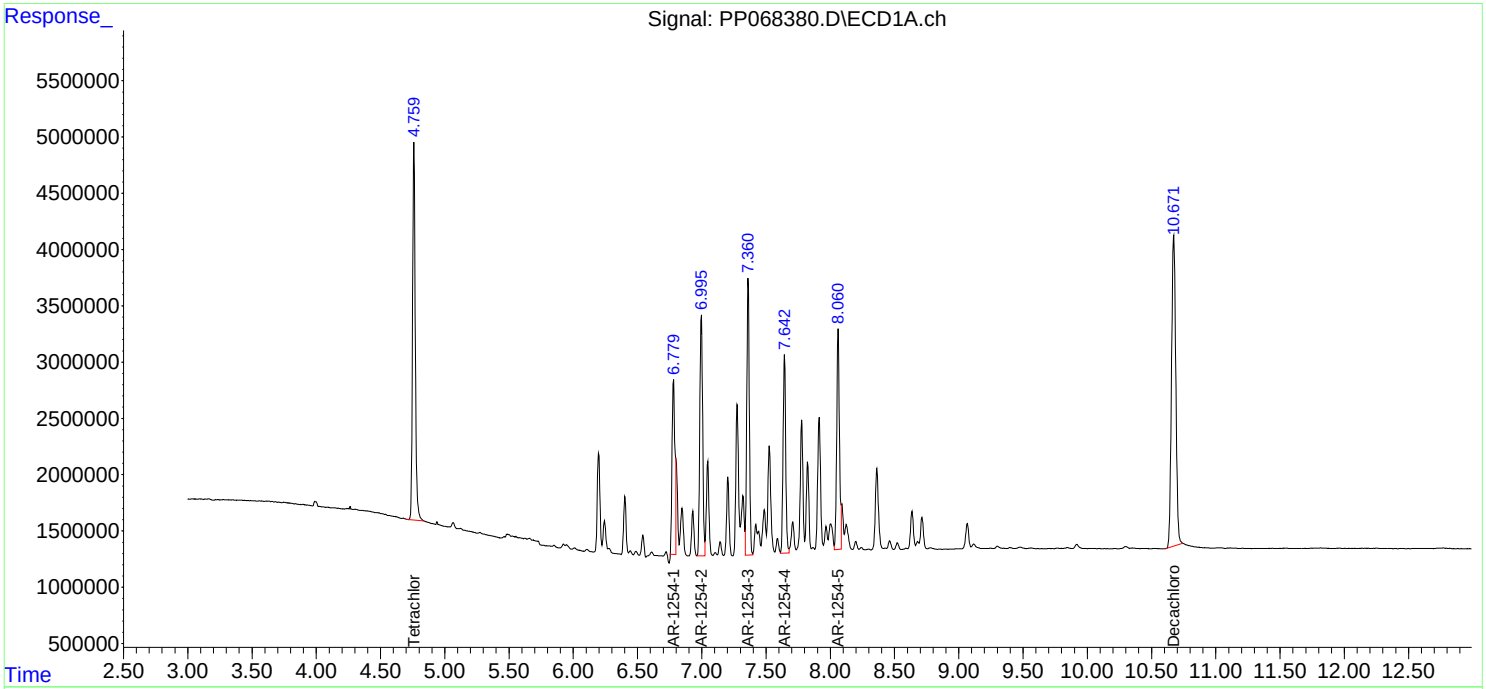
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068380.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 07:56
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

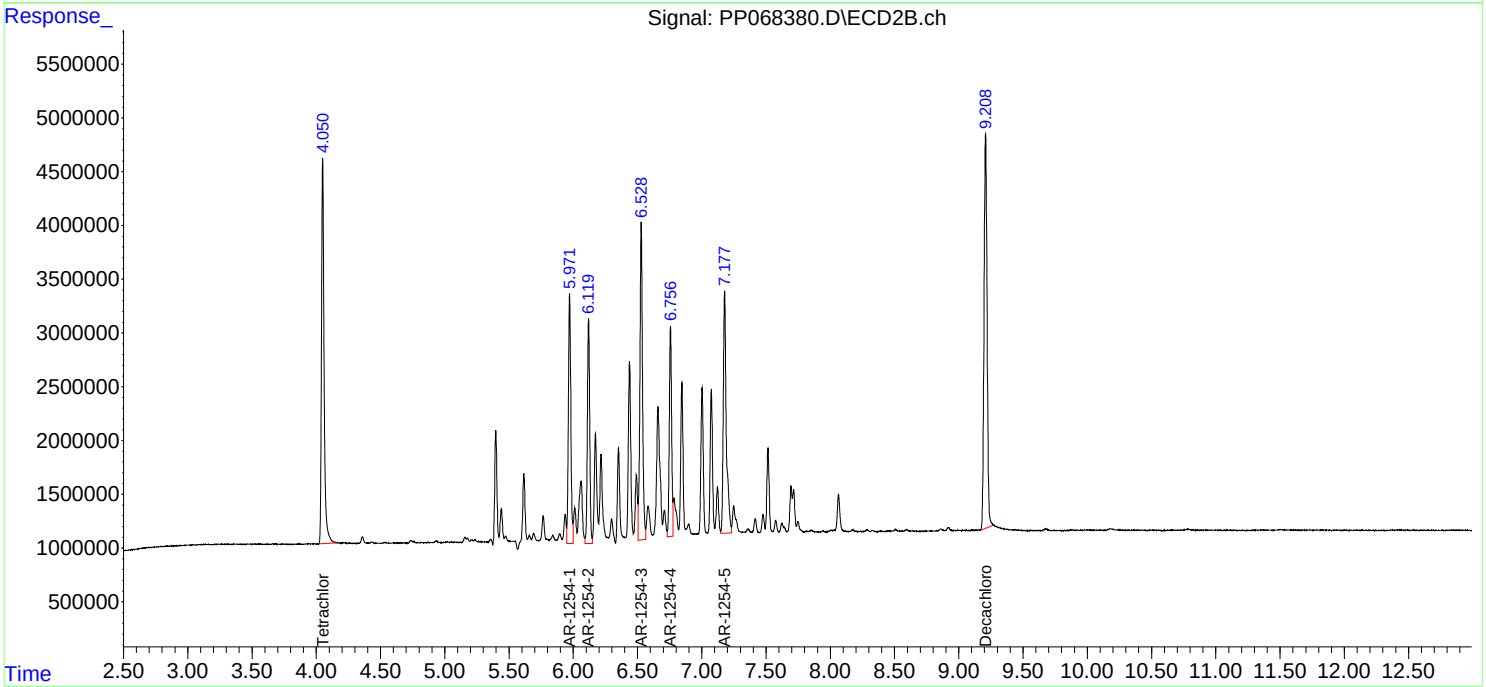
Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

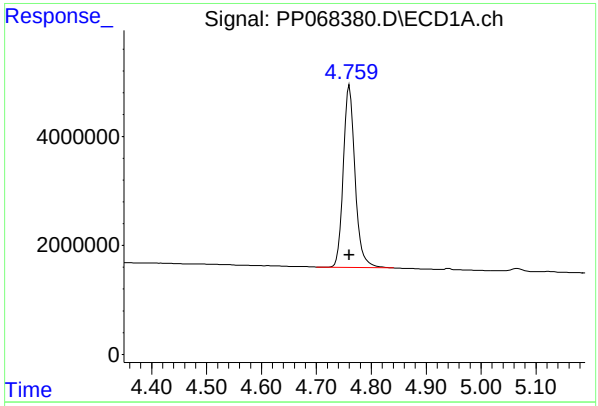
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 09:49:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 09:47:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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







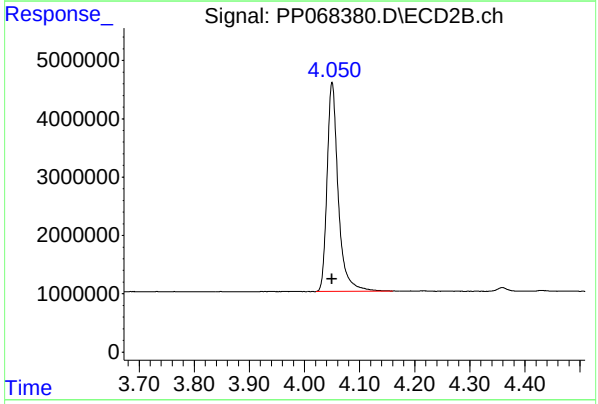
#1 Tetrachloro-m-xylene

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 49803816
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

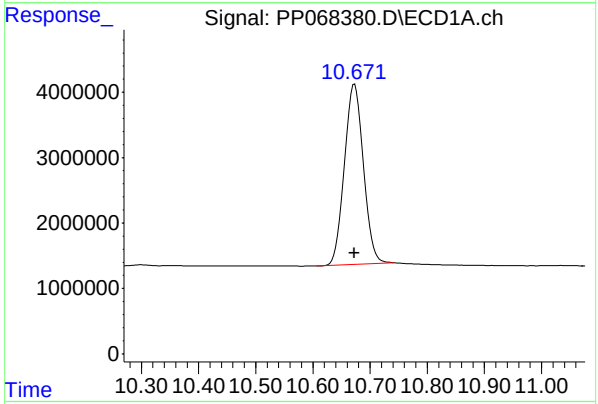
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



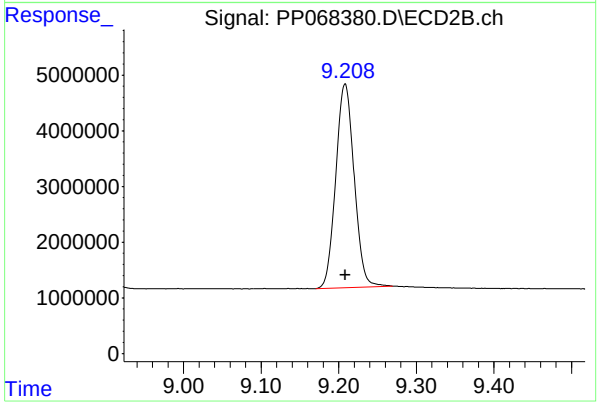
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 50400916
Conc: 50.00 ng/ml



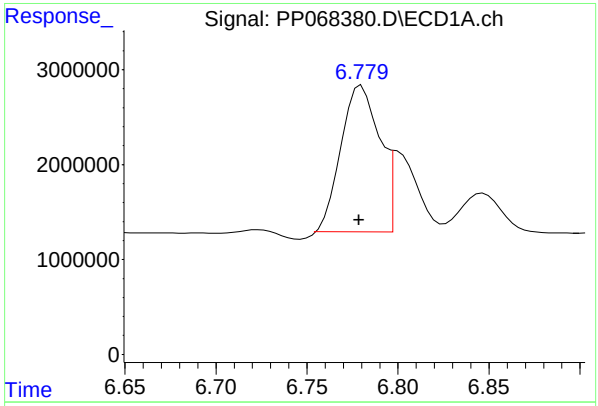
#2 Decachlorobiphenyl

R.T.: 10.673 min
Delta R.T.: 0.000 min
Response: 64210545
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.208 min
Delta R.T.: 0.000 min
Response: 60328289
Conc: 50.00 ng/ml



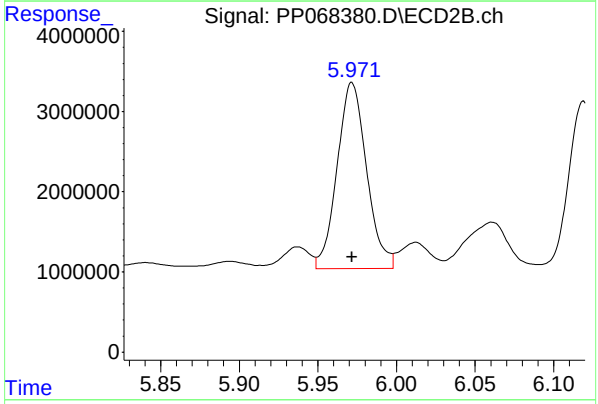
#26 AR-1254-1

R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 24295854
Conc: 505.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

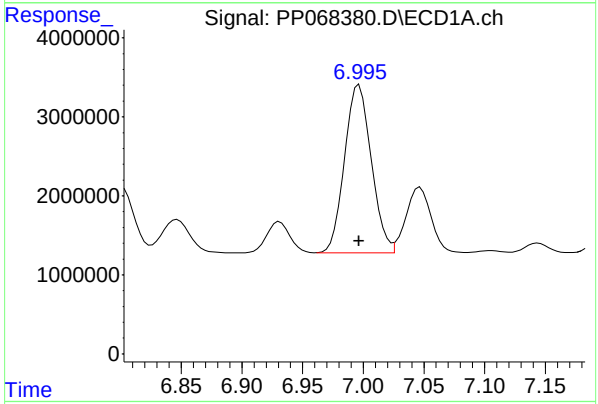
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



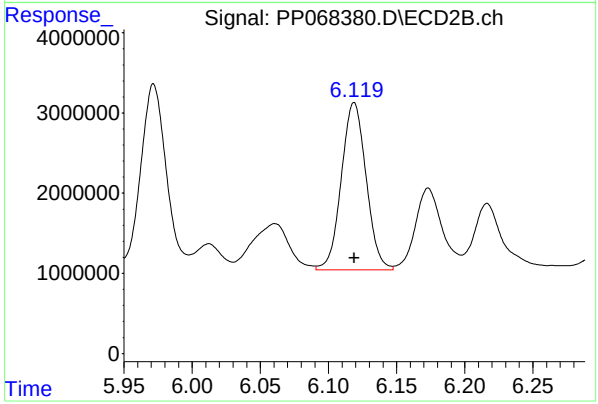
#26 AR-1254-1

R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 30305971
Conc: 500.00 ng/ml



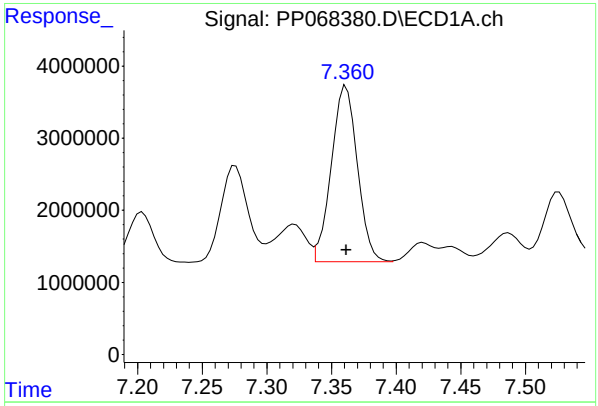
#27 AR-1254-2

R.T.: 6.997 min
Delta R.T.: 0.000 min
Response: 32683808
Conc: 500.00 ng/ml



#27 AR-1254-2

R.T.: 6.119 min
Delta R.T.: 0.000 min
Response: 26499770
Conc: 500.00 ng/ml



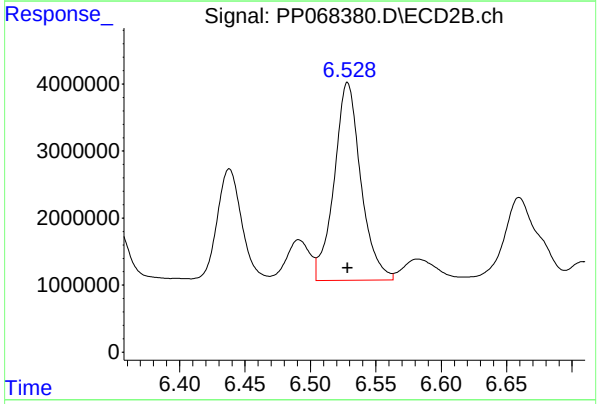
#28 AR-1254-3

R.T.: 7.361 min
Delta R.T.: 0.000 min
Response: 34241792
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

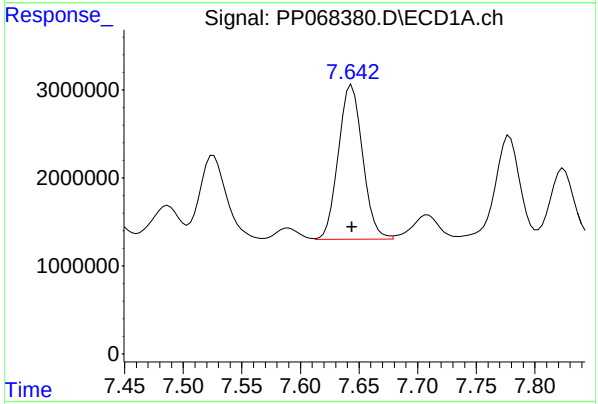
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



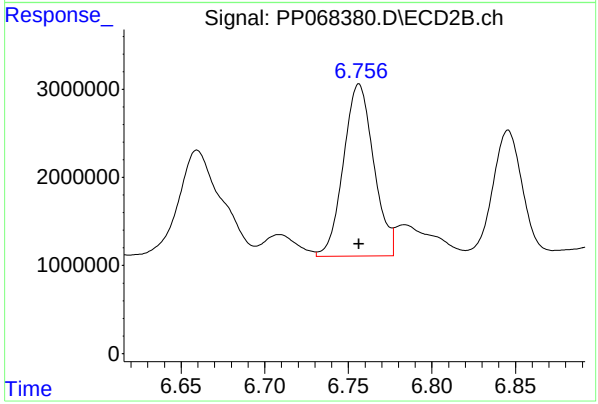
#28 AR-1254-3

R.T.: 6.528 min
Delta R.T.: 0.000 min
Response: 41857886
Conc: 500.00 ng/ml



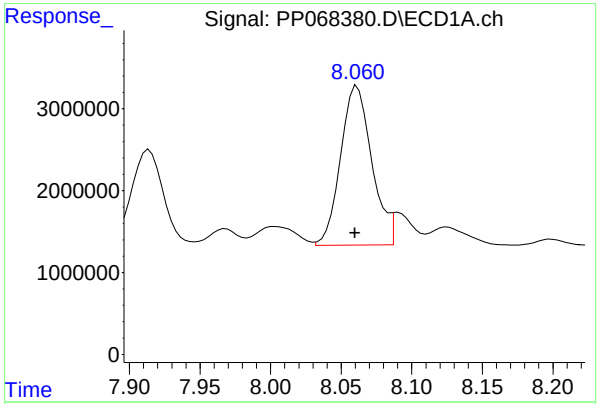
#29 AR-1254-4

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 25222520
Conc: 500.00 ng/ml



#29 AR-1254-4

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 24618732
Conc: 500.00 ng/ml



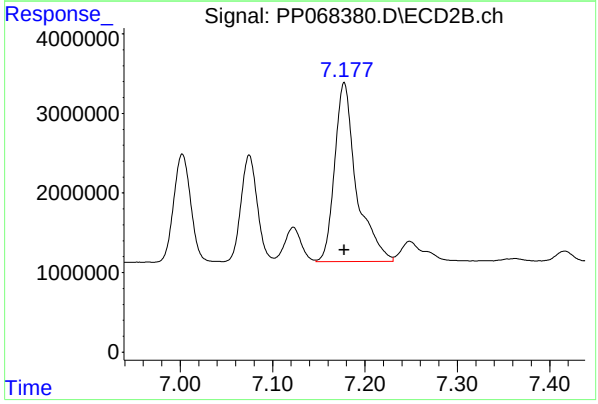
#30 AR-1254-5

R.T.: 8.060 min
Delta R.T.: 0.000 min
Response: 30602299
Conc: 499.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



#30 AR-1254-5

R.T.: 7.178 min
Delta R.T.: 0.000 min
Response: 36850719
Conc: 500.00 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068381.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 08:12
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 10:00:20 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 09:47:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.756	4.050	25527214	25969085	25.646	25.973
2)	SA Decachlor...	10.669	9.208	34770940	31662767	27.431	26.947
	Target Compounds						
26)	L6 AR-1254-1	6.774	5.972	13849654	17726243	281.303m	291.089
27)	L6 AR-1254-2	6.992	6.119	18308771	15268489	279.404	289.048
28)	L6 AR-1254-3	7.357	6.528	19166837	23028807	277.214	276.206
29)	L6 AR-1254-4	7.640	6.756	14778004	13374714	287.226	273.294
30)	L6 AR-1254-5	8.057	7.177	17343860	19103933	283.902m	262.308

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068381.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 08:12
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

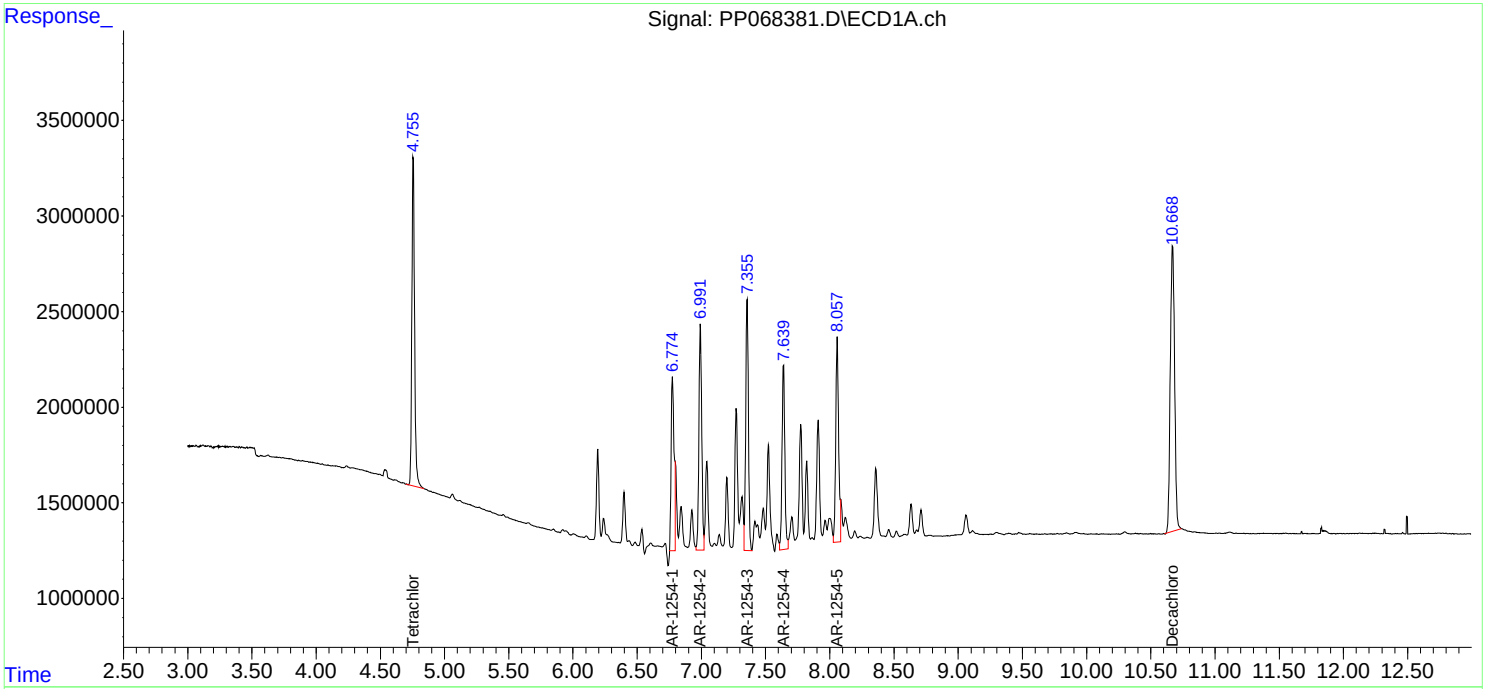
Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

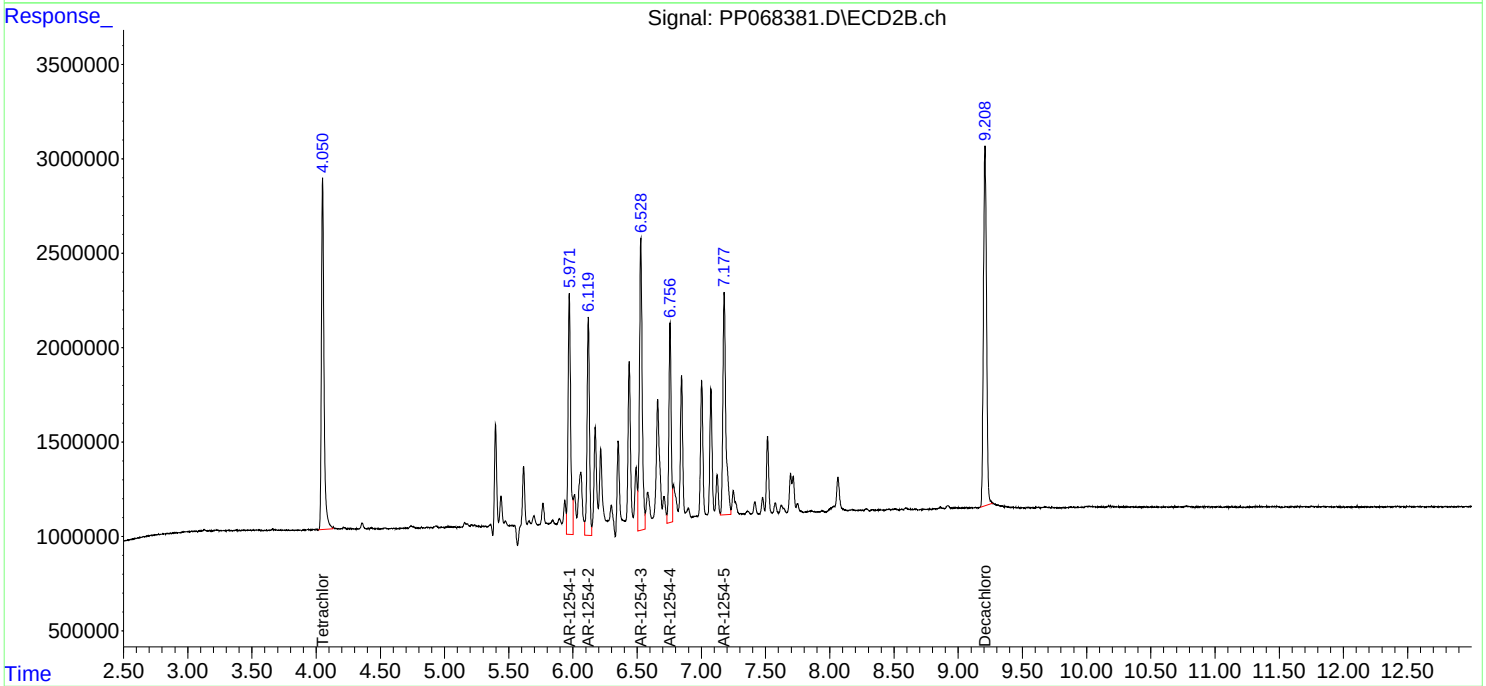
Manual Integrations APPROVED

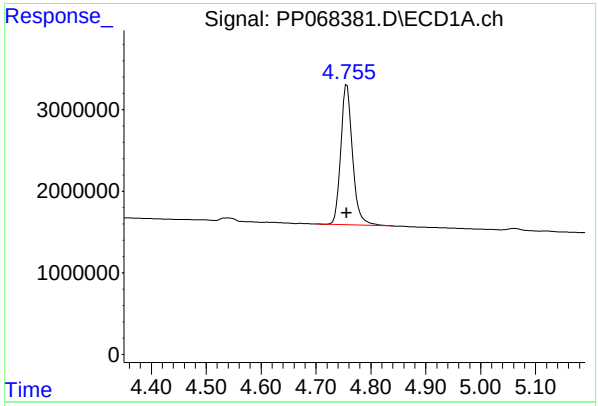
Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 10:00:20 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 09:47:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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







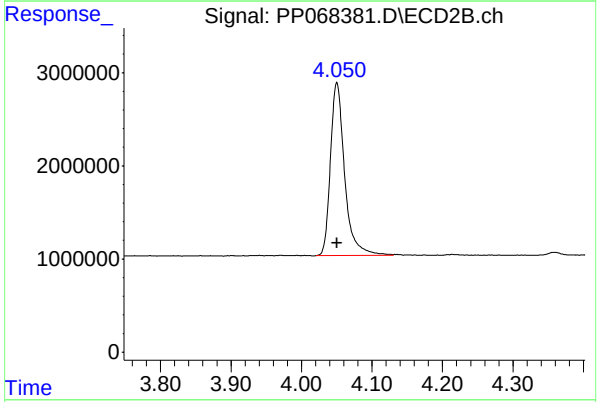
#1 Tetrachloro-m-xylene

R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 25527214
Conc: 25.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

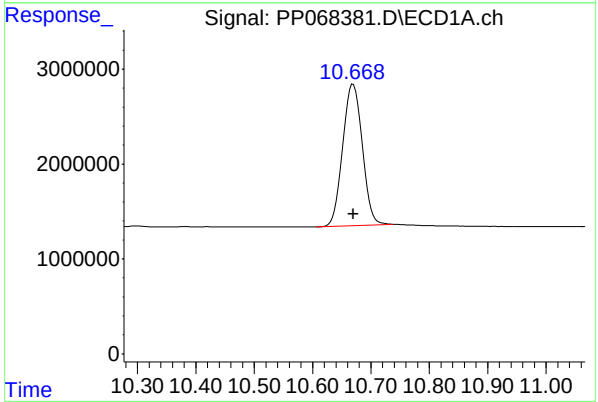
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



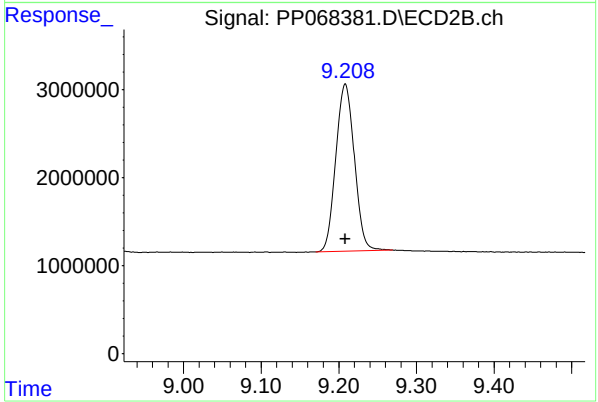
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 25969085
Conc: 25.97 ng/ml



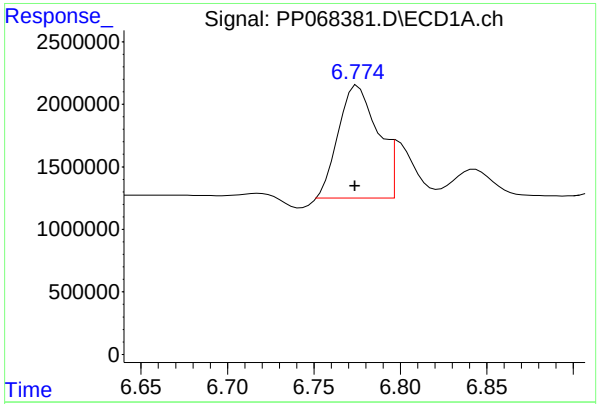
#2 Decachlorobiphenyl

R.T.: 10.669 min
Delta R.T.: 0.000 min
Response: 34770940
Conc: 27.43 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.208 min
Delta R.T.: 0.000 min
Response: 31662767
Conc: 26.95 ng/ml



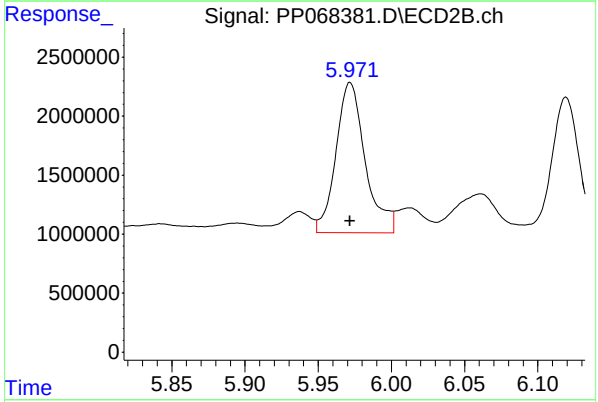
#26 AR-1254-1

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 13849654
Conc: 281.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

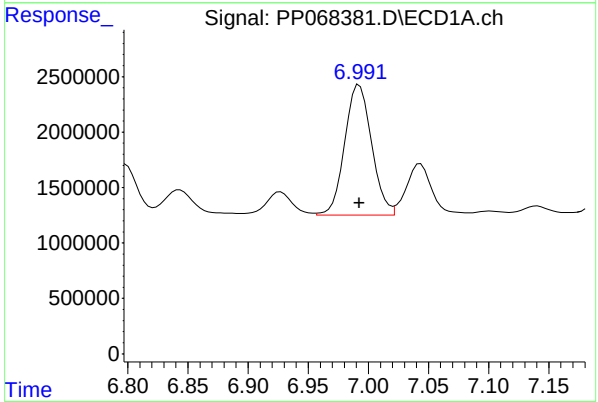
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



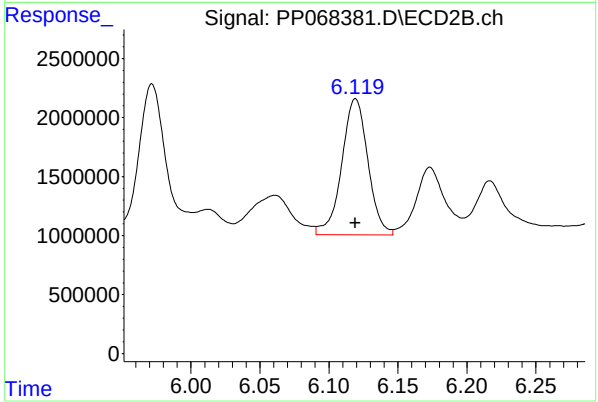
#26 AR-1254-1

R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 17726243
Conc: 291.09 ng/ml



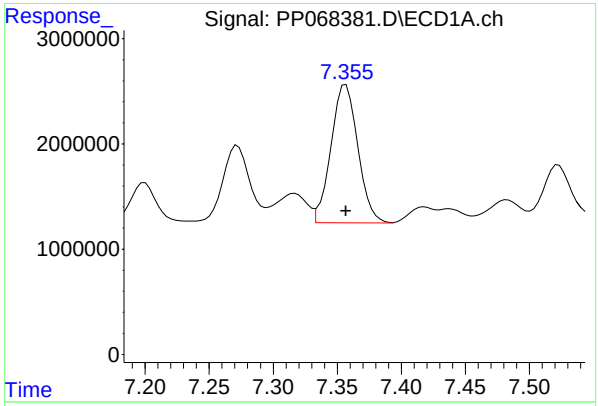
#27 AR-1254-2

R.T.: 6.992 min
Delta R.T.: 0.000 min
Response: 18308771
Conc: 279.40 ng/ml



#27 AR-1254-2

R.T.: 6.119 min
Delta R.T.: 0.000 min
Response: 15268489
Conc: 289.05 ng/ml



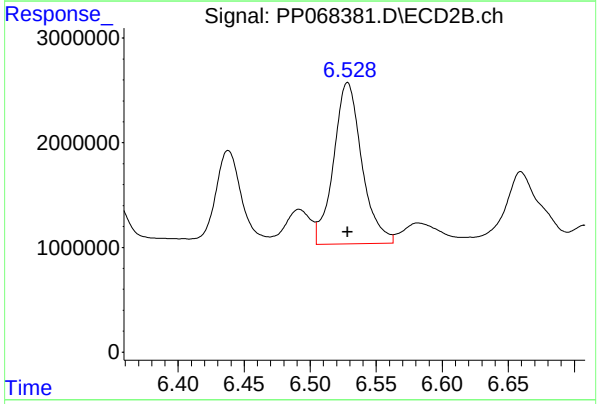
#28 AR-1254-3

R.T.: 7.357 min
Delta R.T.: 0.000 min
Response: 19166837
Conc: 277.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

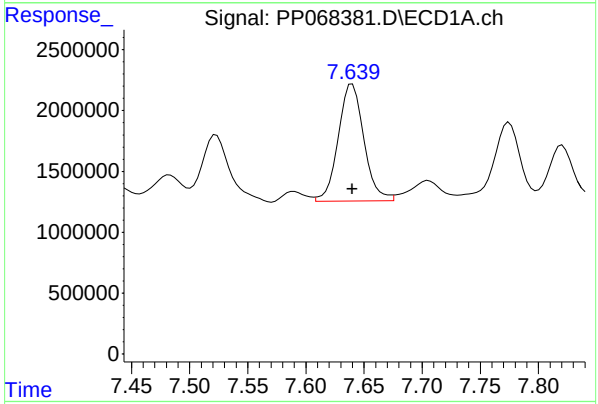
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



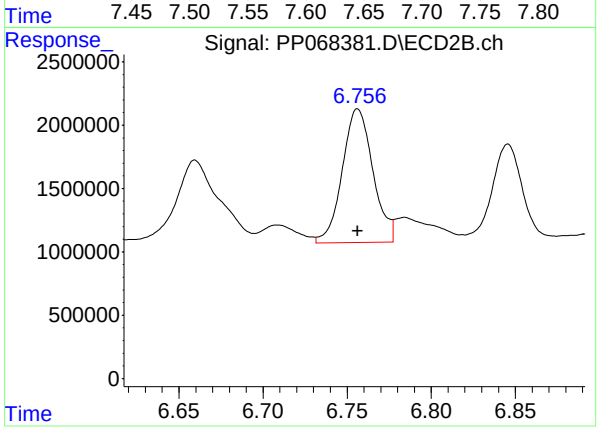
#28 AR-1254-3

R.T.: 6.528 min
Delta R.T.: 0.000 min
Response: 23028807
Conc: 276.21 ng/ml



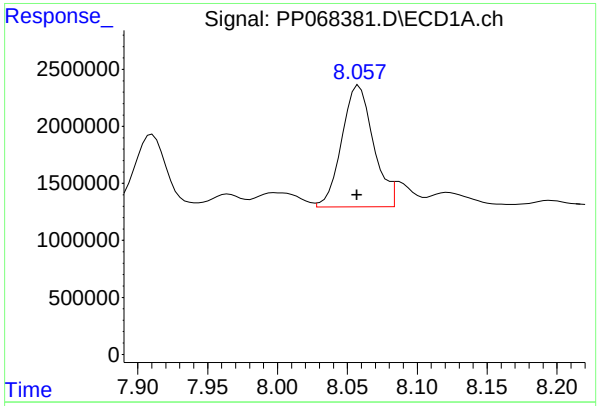
#29 AR-1254-4

R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 14778004
Conc: 287.23 ng/ml



#29 AR-1254-4

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 13374714
Conc: 273.29 ng/ml



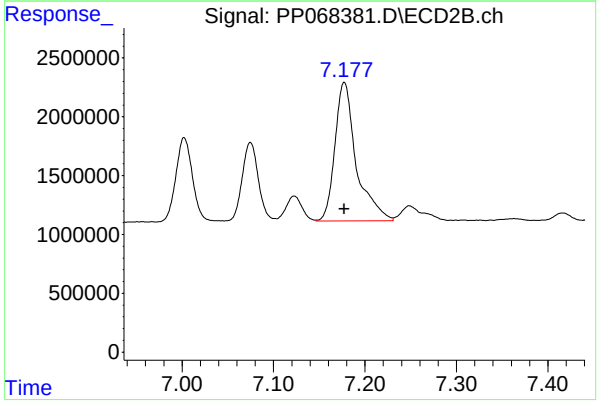
#30 AR-1254-5

R.T.: 8.057 min
Delta R.T.: 0.000 min
Response: 17343860
Conc: 283.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



#30 AR-1254-5

R.T.: 7.177 min
Delta R.T.: 0.000 min
Response: 19103933
Conc: 262.31 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068382.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 08:28
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 10:04:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 09:47:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.756	4.050	4943066	4296426	4.973	4.421
2)	SA Decachlor...	10.672	9.209	6884954	6394579	5.339	5.348
	Target Compounds						
26)	L6 AR-1254-1	6.774	5.972	3170700	2981204	60.578m	48.976m
27)	L6 AR-1254-2	6.993	6.119	3953788	2619164	57.942	49.500m
28)	L6 AR-1254-3	7.356	6.528	4036302	4140204	56.942m	50.021m
29)	L6 AR-1254-4	7.640	6.756	3163428	2369114	58.327m	49.154m
30)	L6 AR-1254-5	8.057	7.178	3352572	4092382	53.414m	54.833

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068382.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 08:28
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

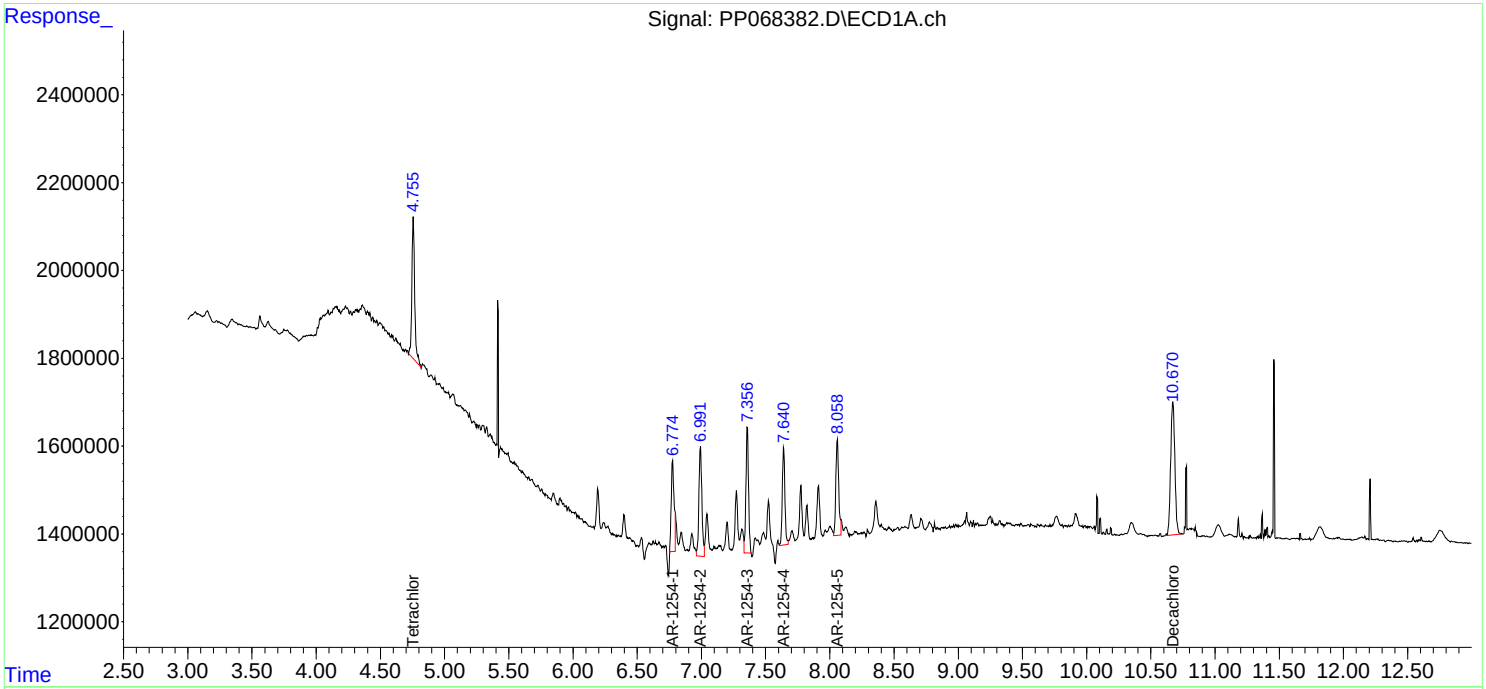
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

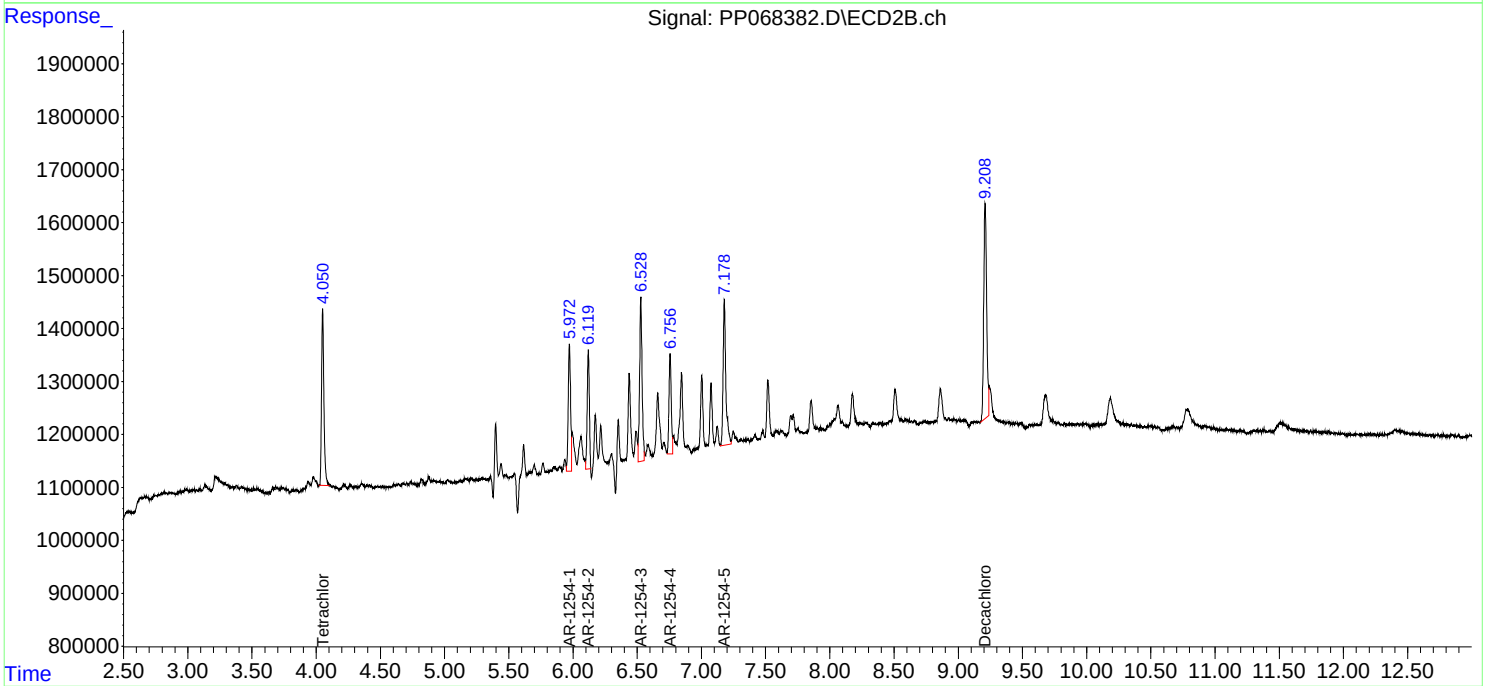
Manual Integrations APPROVED

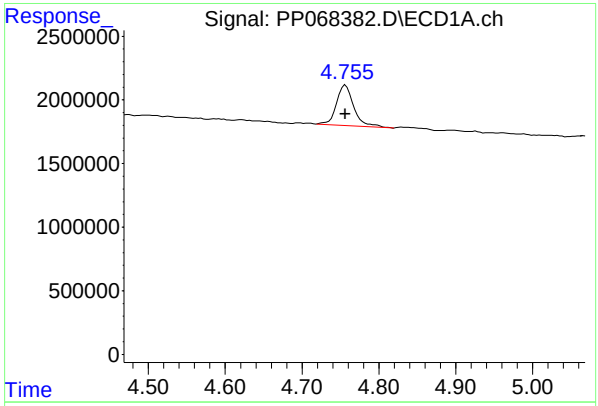
Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 10:04:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 09:47:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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







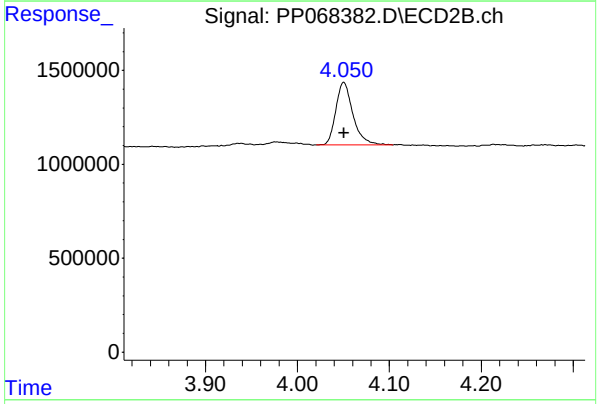
#1 Tetrachloro-m-xylene

R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 4943066
Conc: 4.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

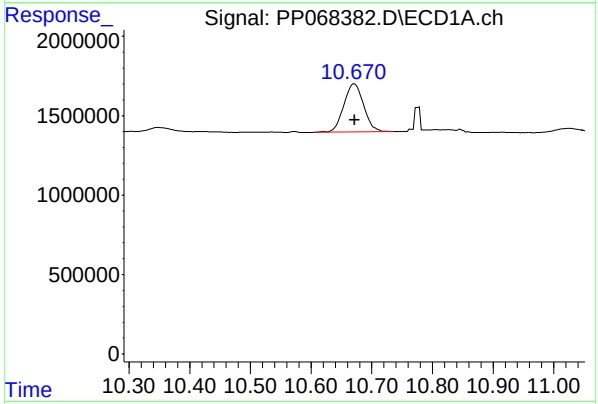
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



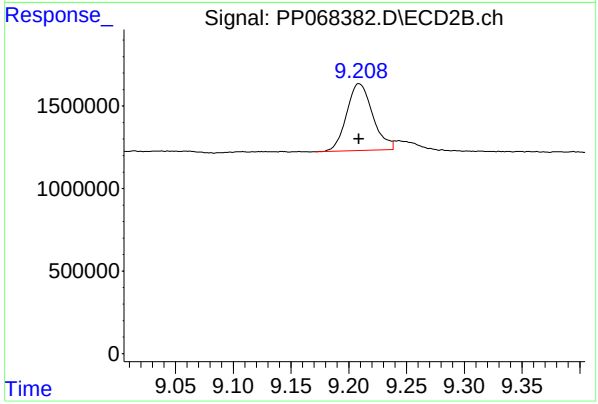
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 4296426
Conc: 4.42 ng/ml



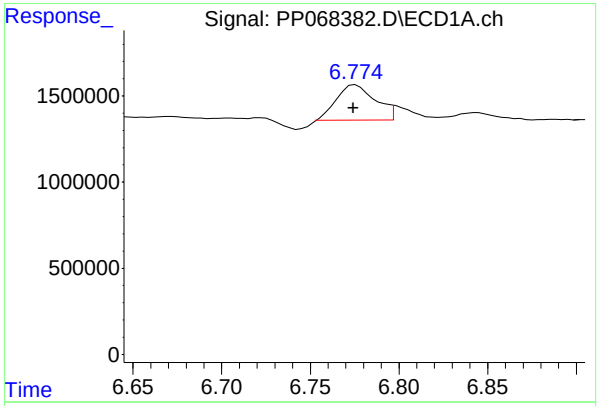
#2 Decachlorobiphenyl

R.T.: 10.672 min
Delta R.T.: 0.000 min
Response: 6884954
Conc: 5.34 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.209 min
Delta R.T.: 0.000 min
Response: 6394579
Conc: 5.35 ng/ml



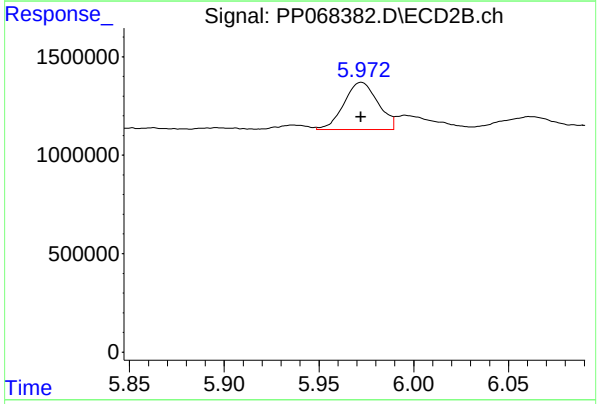
#26 AR-1254-1

R.T.: 6.774 min
Delta R.T.: 0.000 mi
Response: 3170700
Conc: 60.58 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

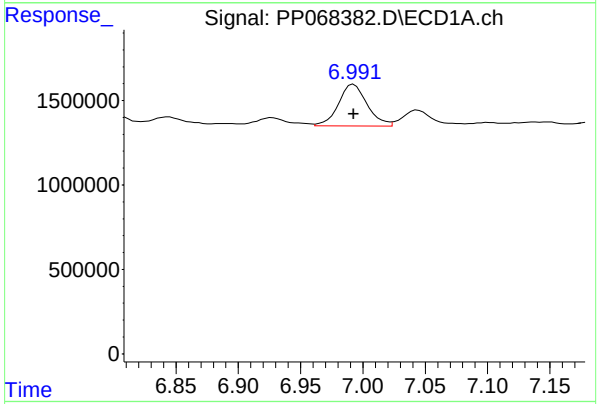
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



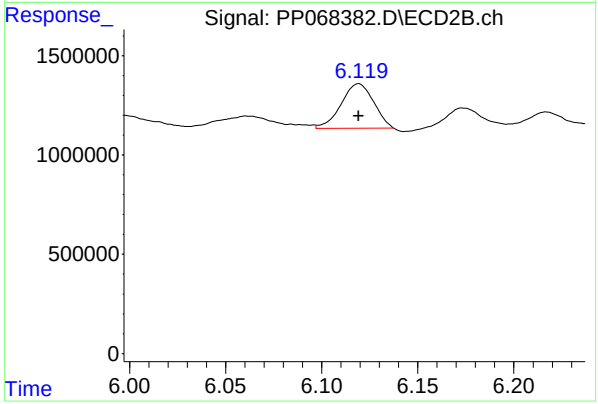
#26 AR-1254-1

R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 2981204
Conc: 48.98 ng/ml m



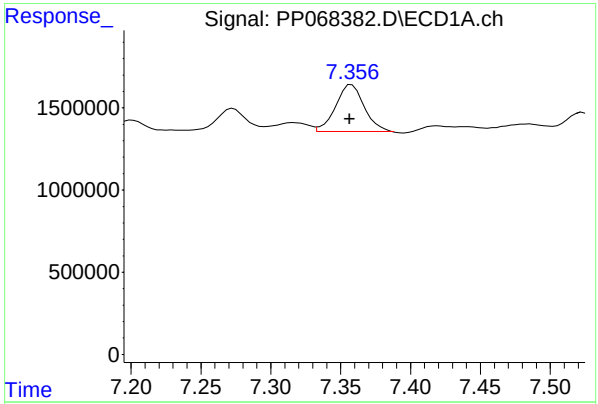
#27 AR-1254-2

R.T.: 6.993 min
Delta R.T.: 0.000 min
Response: 3953788
Conc: 57.94 ng/ml



#27 AR-1254-2

R.T.: 6.119 min
Delta R.T.: 0.000 min
Response: 2619164
Conc: 49.50 ng/ml m



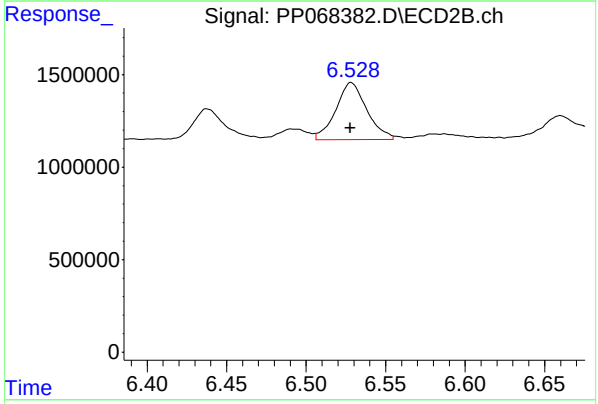
#28 AR-1254-3

R.T.: 7.356 min
Delta R.T.: 0.000 mi
Response: 4036302
Conc: 56.94 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

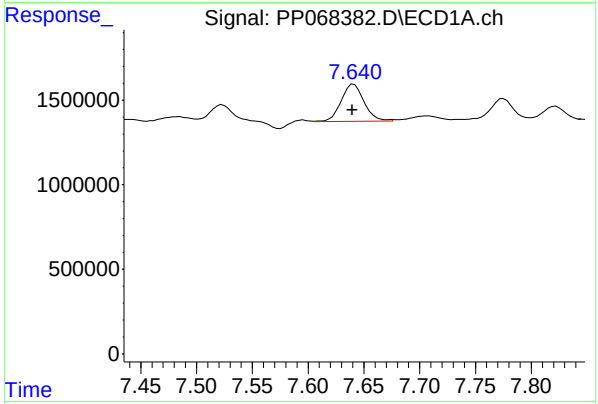
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



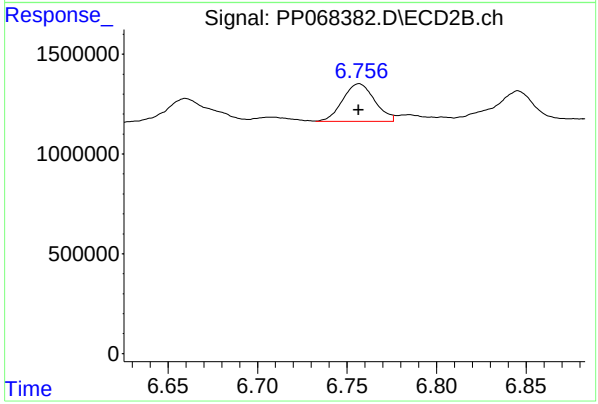
#28 AR-1254-3

R.T.: 6.528 min
Delta R.T.: 0.000 min
Response: 4140204
Conc: 50.02 ng/ml m



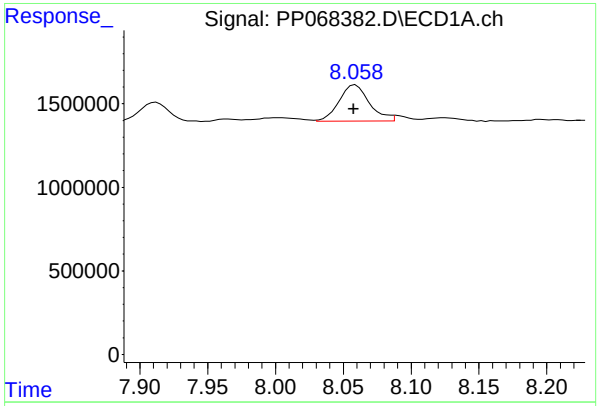
#29 AR-1254-4

R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 3163428
Conc: 58.33 ng/ml m



#29 AR-1254-4

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 2369114
Conc: 49.15 ng/ml m



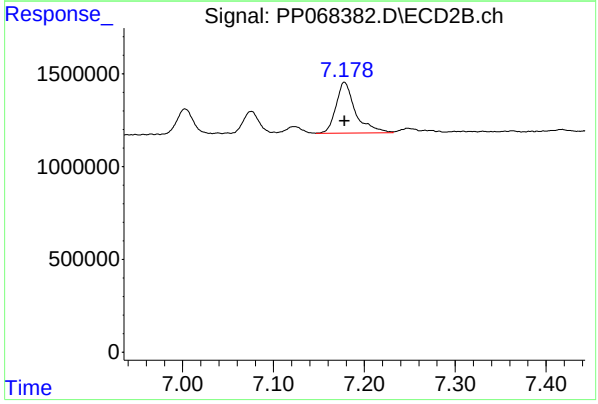
#30 AR-1254-5

R.T.: 8.057 min
Delta R.T.: 0.000 min
Response: 3352572
Conc: 53.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



#30 AR-1254-5

R.T.: 7.178 min
Delta R.T.: 0.000 min
Response: 4092382
Conc: 54.83 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068383.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 08:45
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: Nov 08 10:09:55 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 10:09:40 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.760	4.050	53683600	49761608	50.000	50.000
2)	SA Decachlor...	10.672	9.207	64321936	57930967	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	8.379	7.214	37066426	38798254	500.000	500.000
37)	L8 AR-1262-2	8.714	7.475	64499322	35347289	500.000	500.000
38)	L8 AR-1262-3	9.054	8.001	47840523	29423736	500.000	500.000
39)	L8 AR-1262-4	9.146	8.064	38193396	51800808	500.000	500.000
40)	L8 AR-1262-5	9.847	8.591	26741416	25345673	500.000	500.000

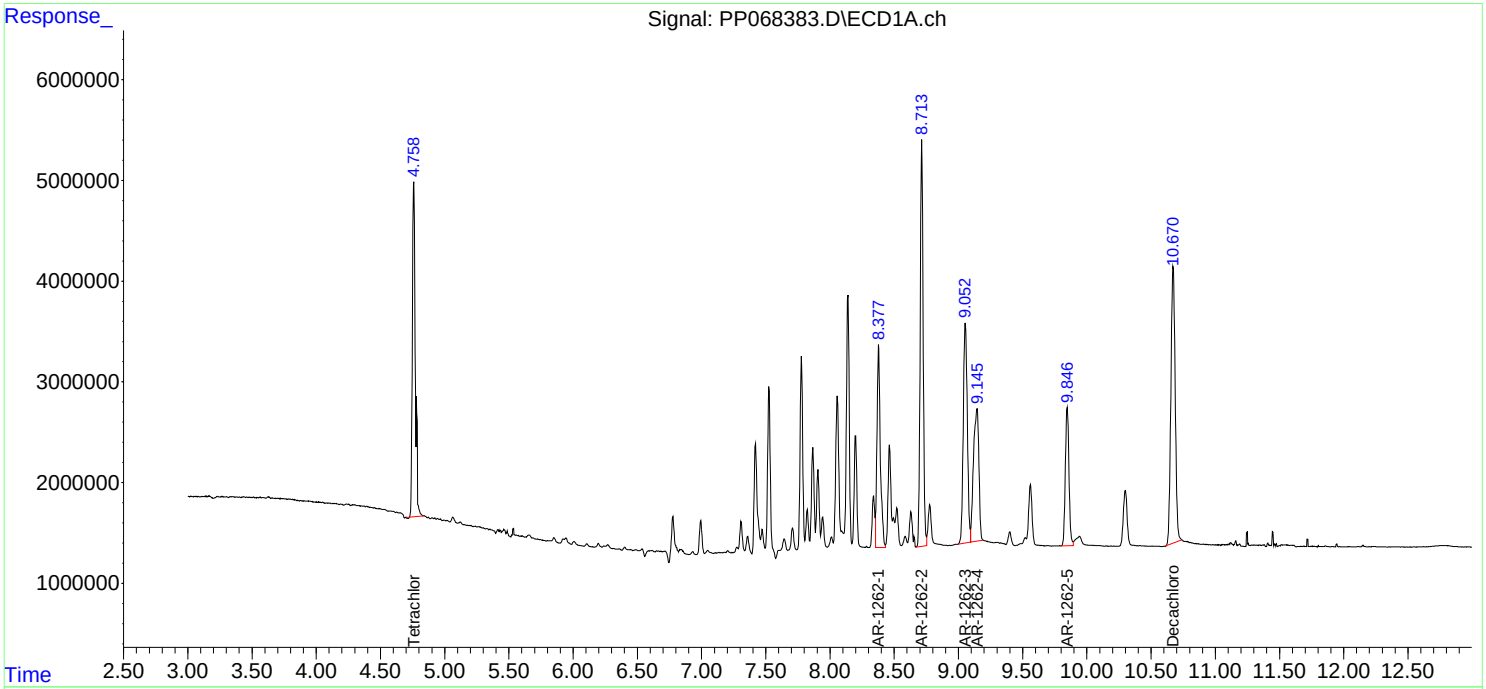
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

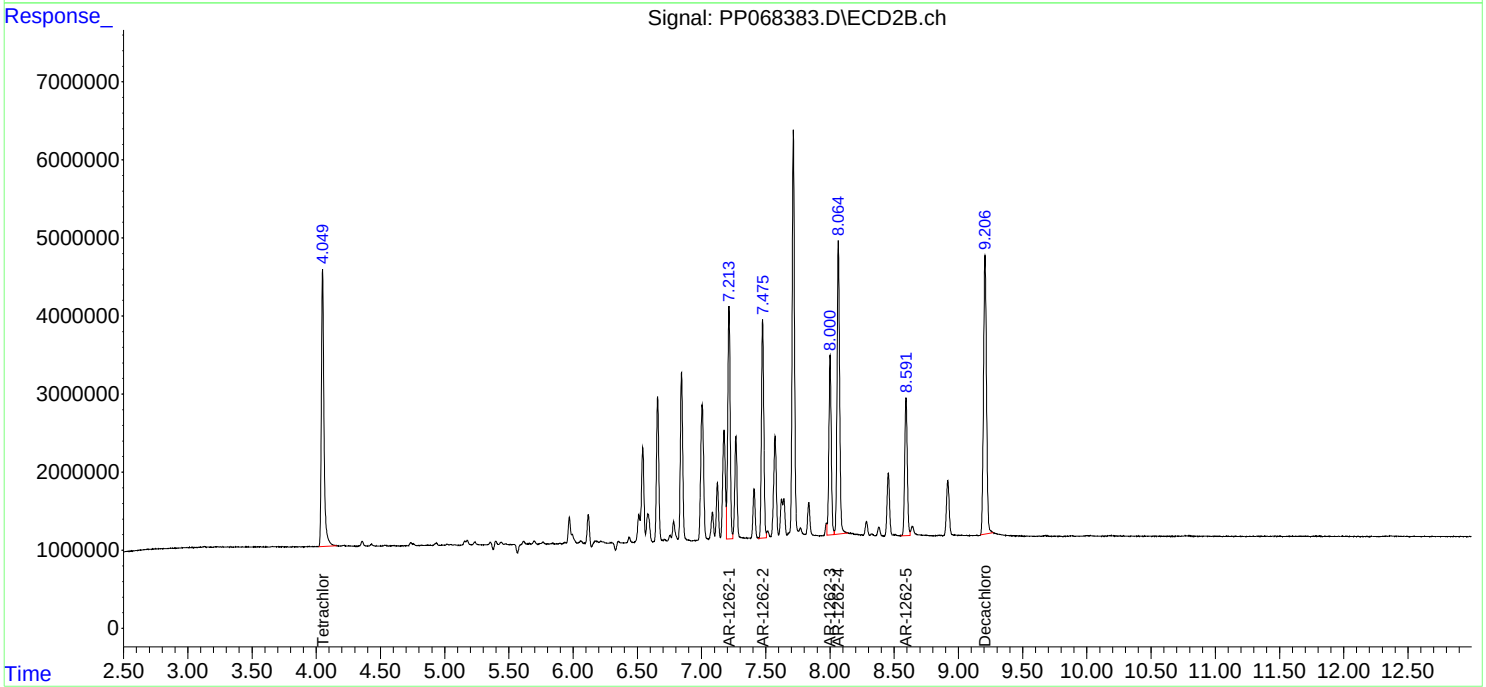
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068383.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 08:45
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

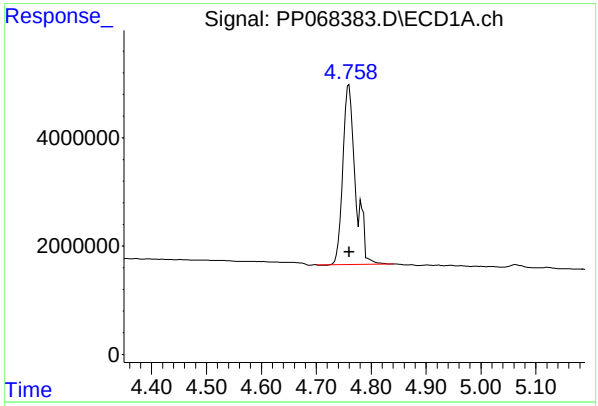
Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 10:09:55 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 10:09:40 2024
Response via : Initial Calibration
Integrator: ChemStation

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



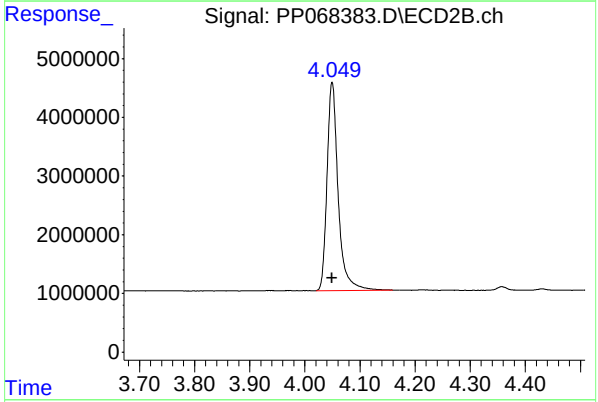




#1 Tetrachloro-m-xylene

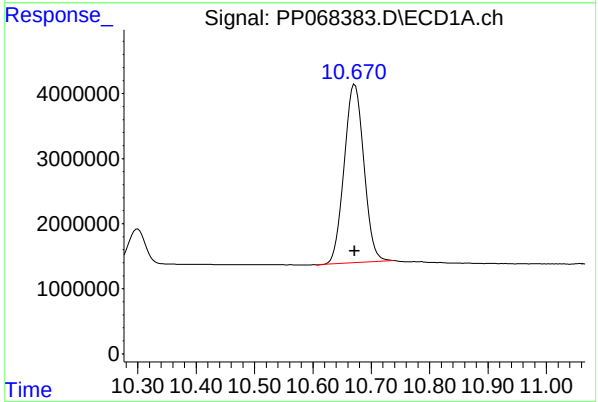
R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 53683600
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



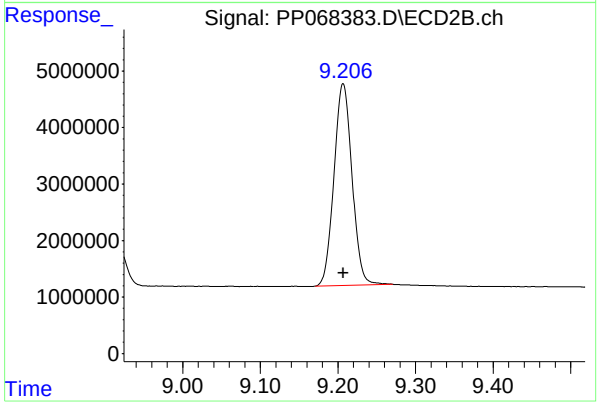
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 49761608
Conc: 50.00 ng/ml



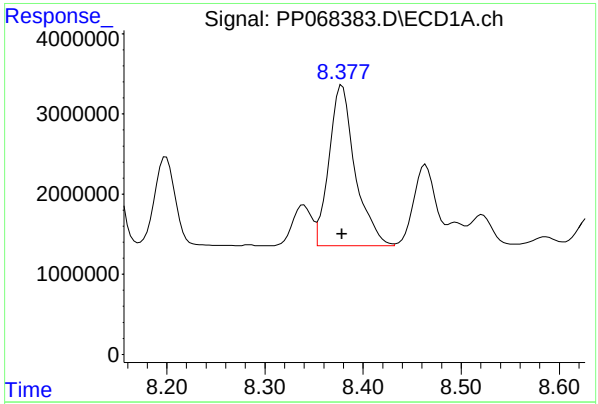
#2 Decachlorobiphenyl

R.T.: 10.672 min
Delta R.T.: 0.000 min
Response: 64321936
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

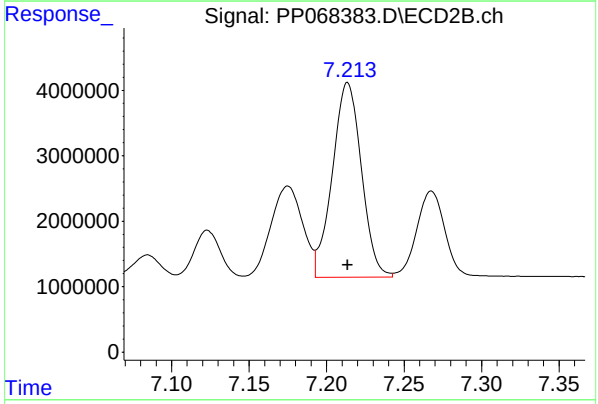
R.T.: 9.207 min
Delta R.T.: 0.000 min
Response: 57930967
Conc: 50.00 ng/ml



#36 AR-1262-1

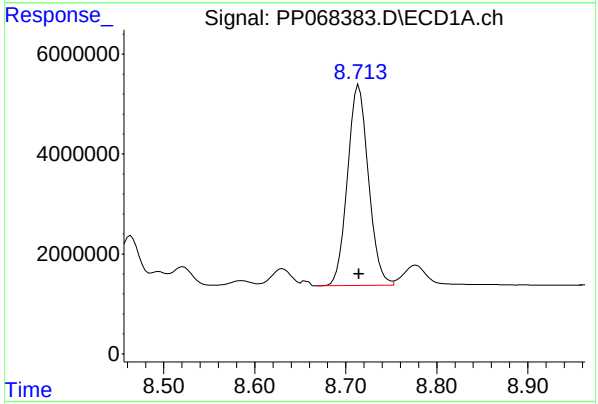
R.T.: 8.379 min
Delta R.T.: 0.000 min
Response: 37066426
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



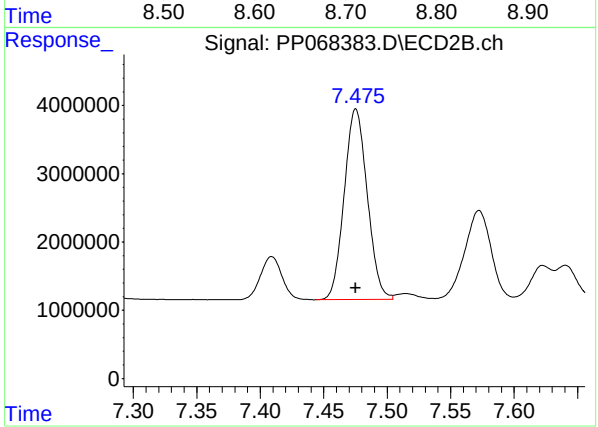
#36 AR-1262-1

R.T.: 7.214 min
Delta R.T.: 0.000 min
Response: 38798254
Conc: 500.00 ng/ml



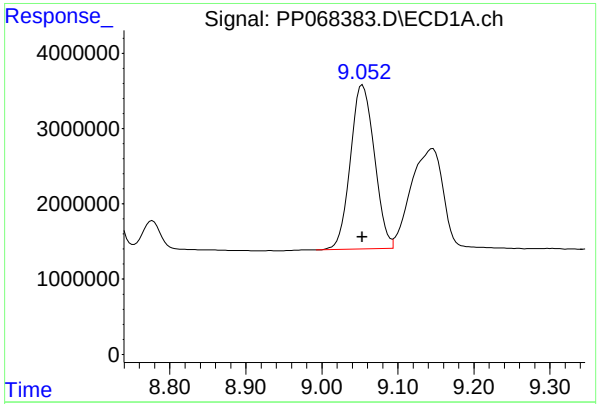
#37 AR-1262-2

R.T.: 8.714 min
Delta R.T.: 0.000 min
Response: 64499322
Conc: 500.00 ng/ml



#37 AR-1262-2

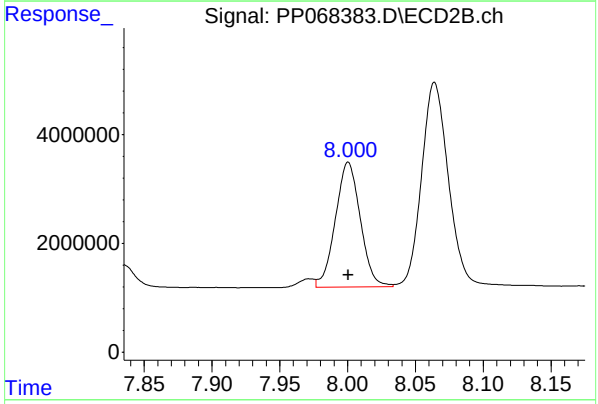
R.T.: 7.475 min
Delta R.T.: 0.000 min
Response: 35347289
Conc: 500.00 ng/ml



#38 AR-1262-3

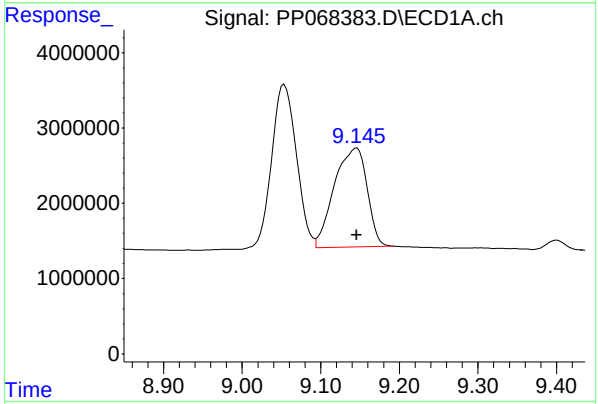
R.T.: 9.054 min
Delta R.T.: 0.000 min
Response: 47840523
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



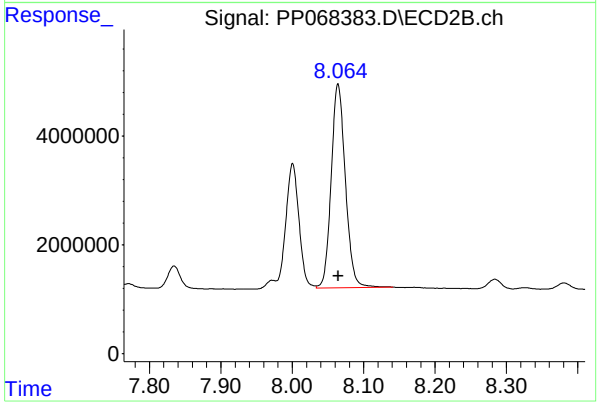
#38 AR-1262-3

R.T.: 8.001 min
Delta R.T.: 0.000 min
Response: 29423736
Conc: 500.00 ng/ml



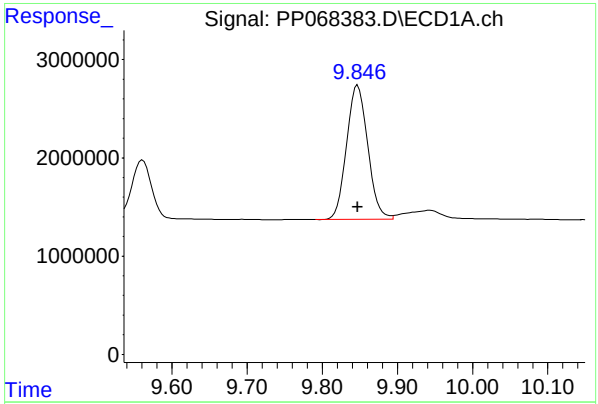
#39 AR-1262-4

R.T.: 9.146 min
Delta R.T.: 0.000 min
Response: 38193396
Conc: 500.00 ng/ml



#39 AR-1262-4

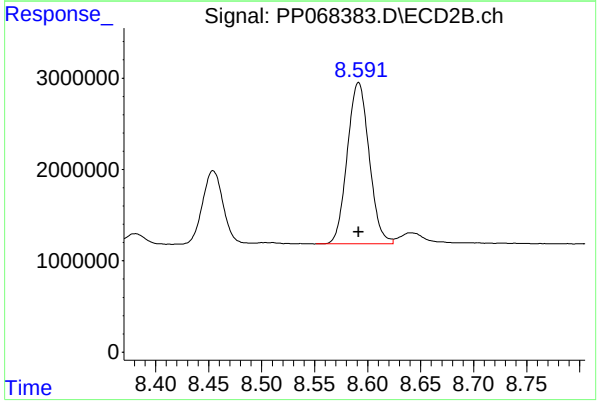
R.T.: 8.064 min
Delta R.T.: 0.000 min
Response: 51800808
Conc: 500.00 ng/ml



#40 AR-1262-5

R.T.: 9.847 min
Delta R.T.: 0.000 min
Response: 26741416
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



#40 AR-1262-5

R.T.: 8.591 min
Delta R.T.: 0.000 min
Response: 25345673
Conc: 500.00 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068384.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 09:01
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 10:15:31 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 10:12:44 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.755	4.050	99980200	97346974	97.667	98.541
2)	SA Decachlor...	10.667	9.207	194.9E6	182.2E6	96.595	97.507
	Target Compounds						
41)	L9 AR-1268-1	9.045	8.001	148.6E6	151.3E6	972.887m	983.758
42)	L9 AR-1268-2	9.146	8.066	135.1E6	137.7E6	969.186	981.952
43)	L9 AR-1268-3	9.395	8.285	121.1E6	120.3E6	979.173m	977.216
44)	L9 AR-1268-4	9.843	8.592	55813556	53869021	983.009	969.445
45)	L9 AR-1268-5	10.294	8.918	385.9E6	373.7E6	981.087	989.050

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068384.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 09:01
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

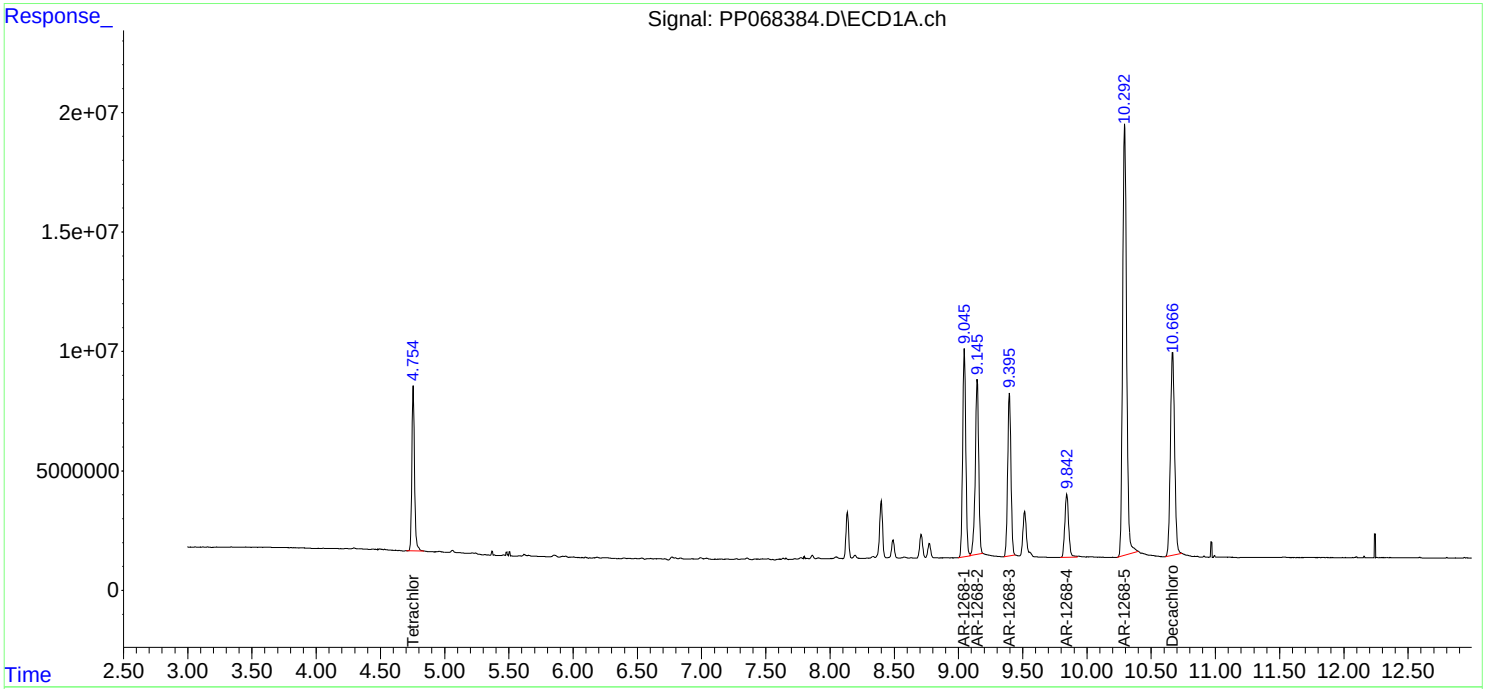
Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

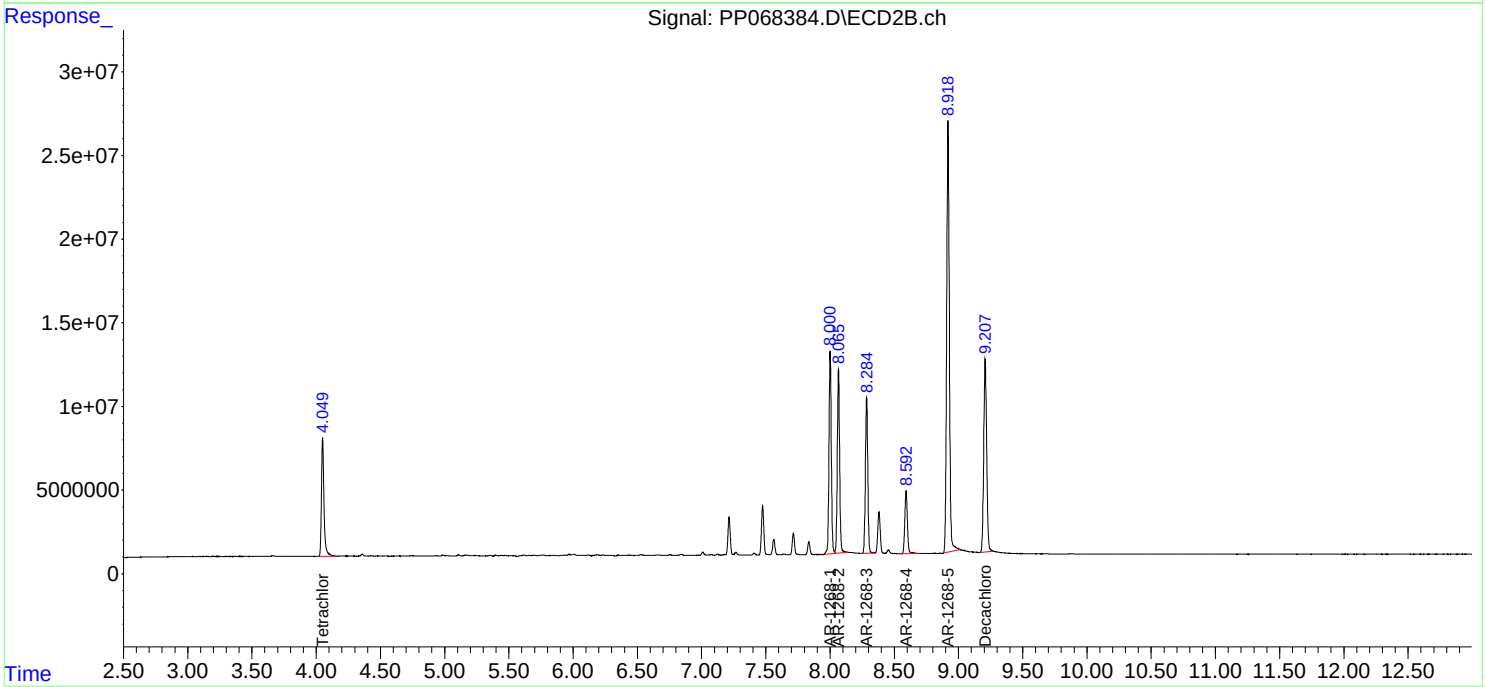
Manual Integrations APPROVED

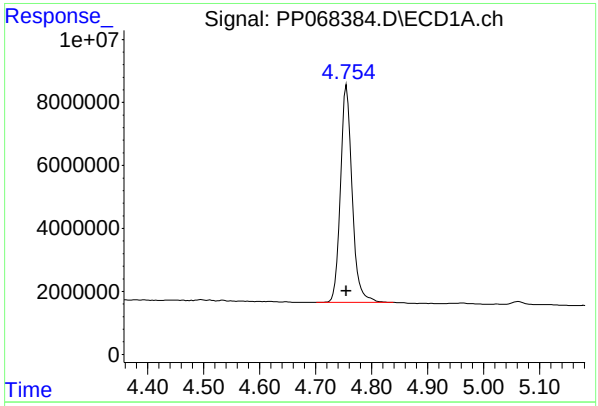
Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 10:15:31 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 10:12:44 2024
Response via : Initial Calibration
Integrator: ChemStation

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







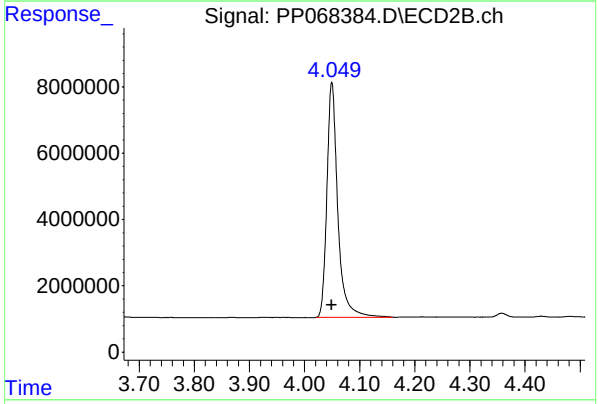
#1 Tetrachloro-m-xylene

R.T.: 4.755 min
Delta R.T.: 0.000 min
Response: 99980200
Conc: 97.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

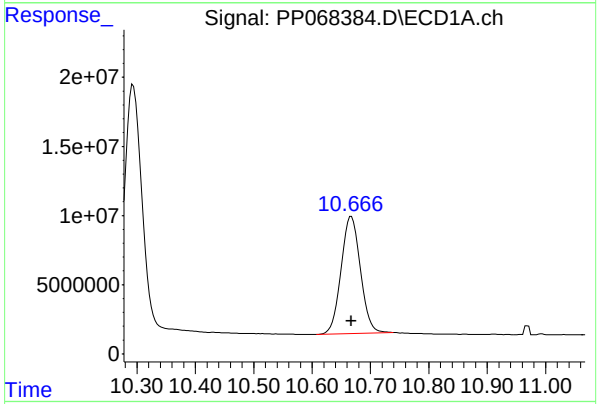
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



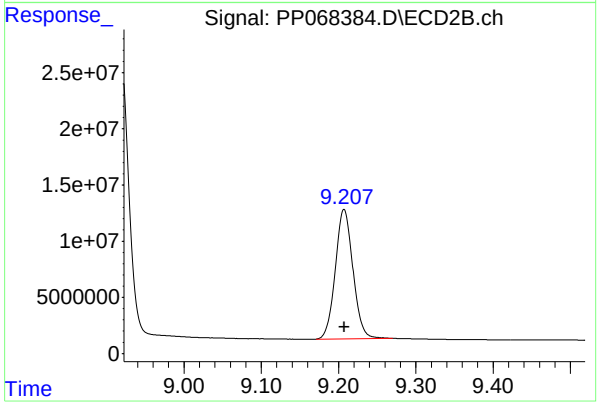
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 97346974
Conc: 98.54 ng/ml



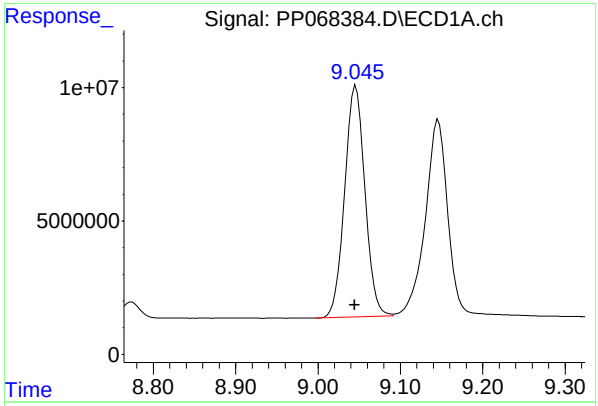
#2 Decachlorobiphenyl

R.T.: 10.667 min
Delta R.T.: 0.000 min
Response: 194921265
Conc: 96.60 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.207 min
Delta R.T.: 0.000 min
Response: 182247910
Conc: 97.51 ng/ml



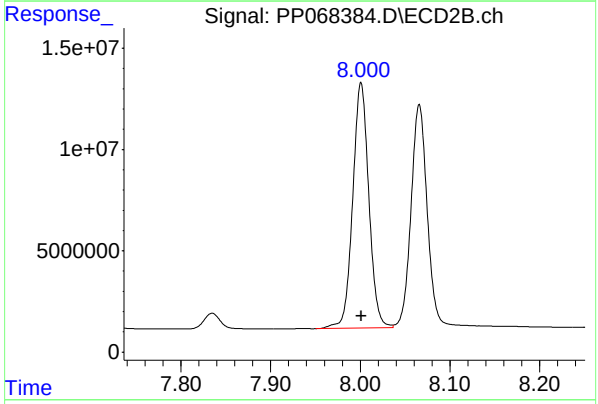
#41 AR-1268-1

R.T.: 9.045 min
Delta R.T.: 0.000 min
Response: 148554696
Conc: 972.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

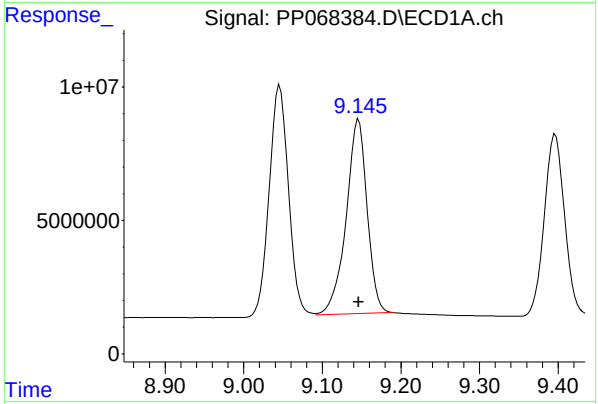
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



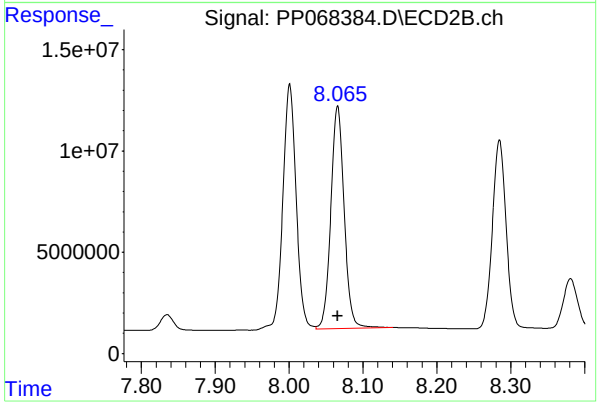
#41 AR-1268-1

R.T.: 8.001 min
Delta R.T.: 0.000 min
Response: 151267885
Conc: 983.76 ng/ml



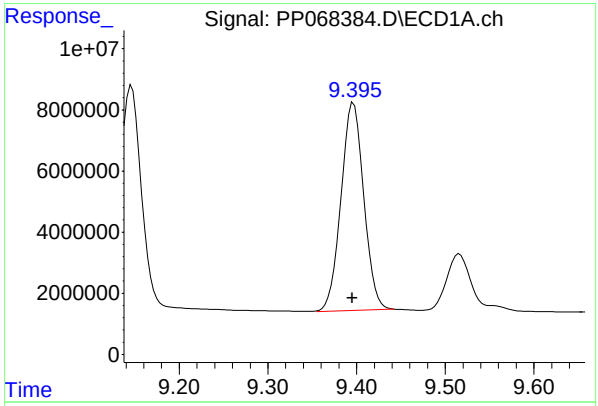
#42 AR-1268-2

R.T.: 9.146 min
Delta R.T.: 0.000 min
Response: 135127060
Conc: 969.19 ng/ml



#42 AR-1268-2

R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 137742491
Conc: 981.95 ng/ml



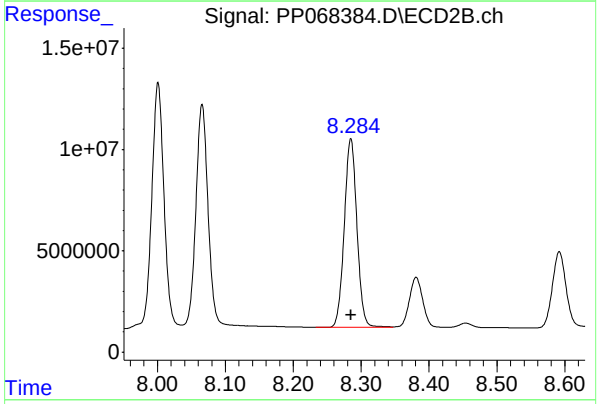
#43 AR-1268-3

R.T.: 9.395 min
Delta R.T.: 0.000 min
Response: 121067798
Conc: 979.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

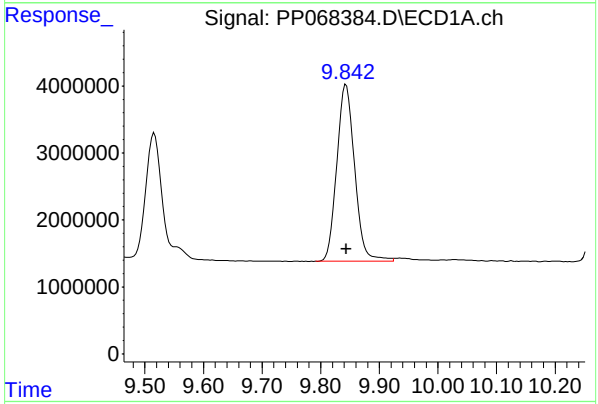
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



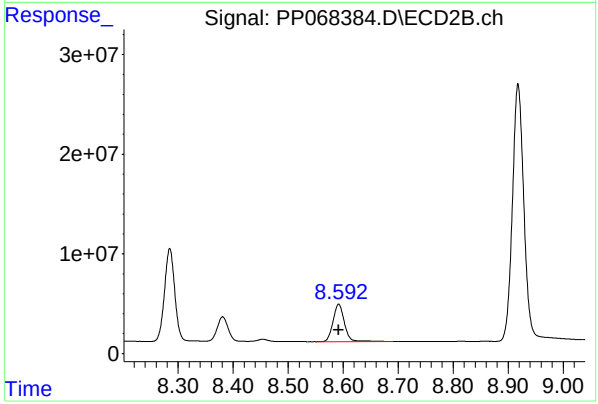
#43 AR-1268-3

R.T.: 8.285 min
Delta R.T.: 0.000 min
Response: 120301473
Conc: 977.22 ng/ml



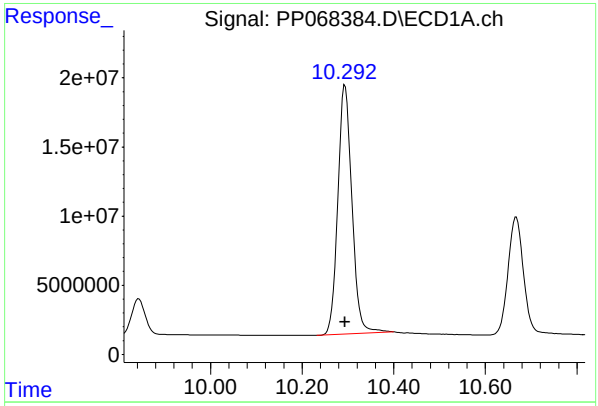
#44 AR-1268-4

R.T.: 9.843 min
Delta R.T.: 0.000 min
Response: 55813556
Conc: 983.01 ng/ml



#44 AR-1268-4

R.T.: 8.592 min
Delta R.T.: 0.000 min
Response: 53869021
Conc: 969.45 ng/ml



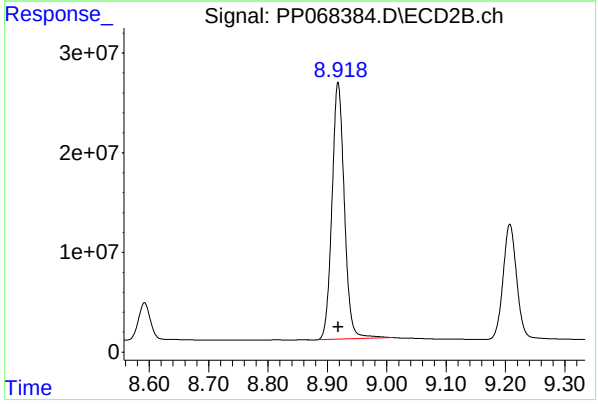
#45 AR-1268-5

R.T.: 10.294 min
Delta R.T.: 0.000 min
Response: 385860144
Conc: 981.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



#45 AR-1268-5

R.T.: 8.918 min
Delta R.T.: 0.000 min
Response: 373667244
Conc: 989.05 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068385.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 09:17
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 10:18:04 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 10:12:44 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.759	4.050	73623477	72510942	72.918	73.926
2)	SA Decachlor...	10.672	9.208	146.7E6	139.8E6	73.456	74.853
	Target Compounds						
41)	L9 AR-1268-1	9.049	8.001	111.8E6	115.0E6	738.150m	748.529
42)	L9 AR-1268-2	9.150	8.066	101.9E6	104.6E6	736.936	747.332
43)	L9 AR-1268-3	9.399	8.285	91495085	91785879	743.090m	747.049
44)	L9 AR-1268-4	9.848	8.592	40875359	41388287	729.669	746.550
45)	L9 AR-1268-5	10.300	8.918	289.5E6	282.6E6	740.634	748.714

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068385.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 09:17
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

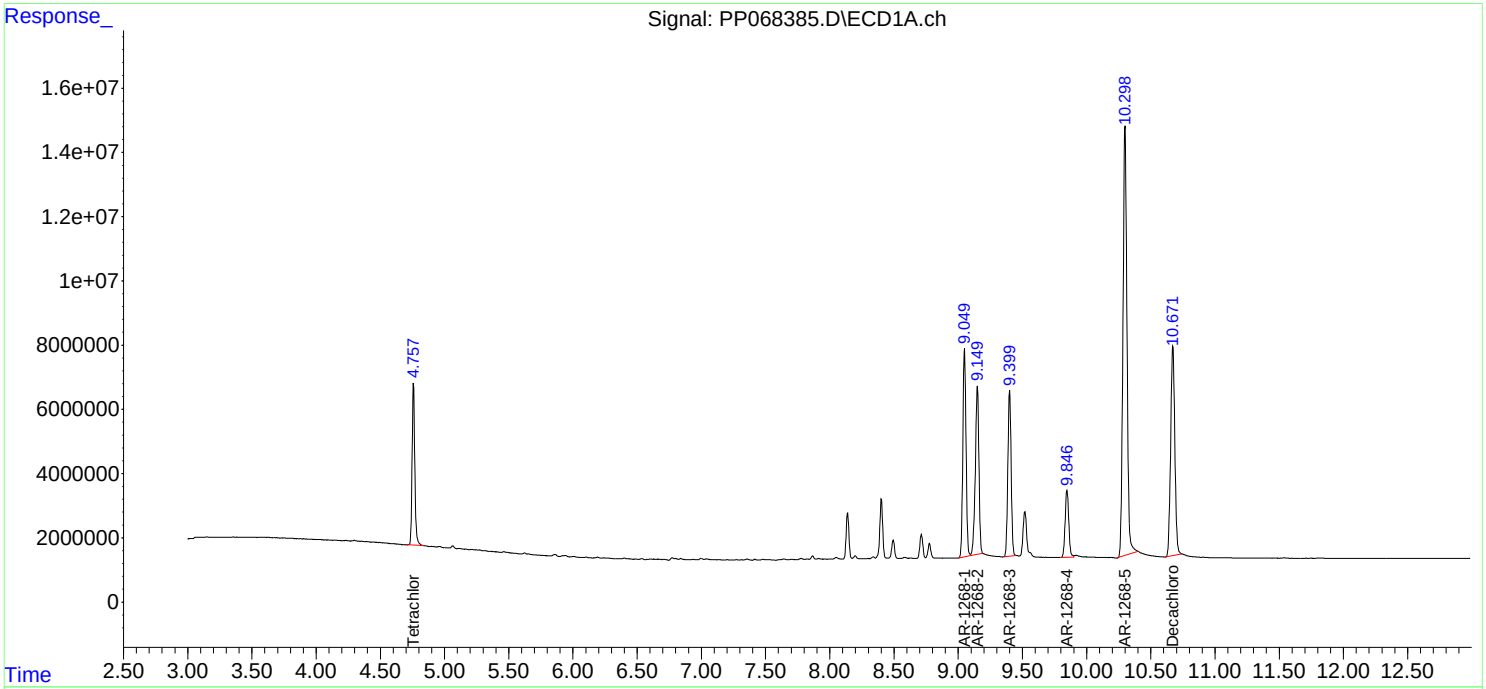
Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

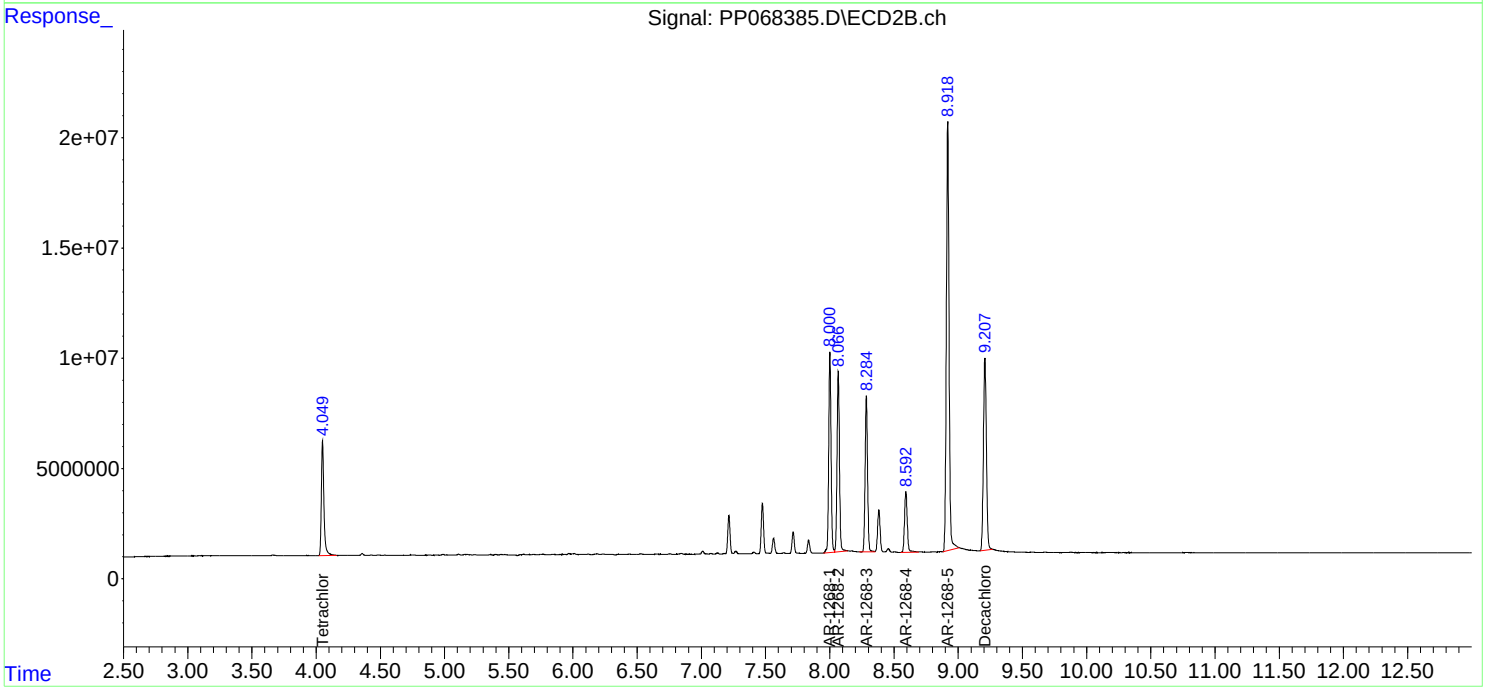
Manual Integrations APPROVED

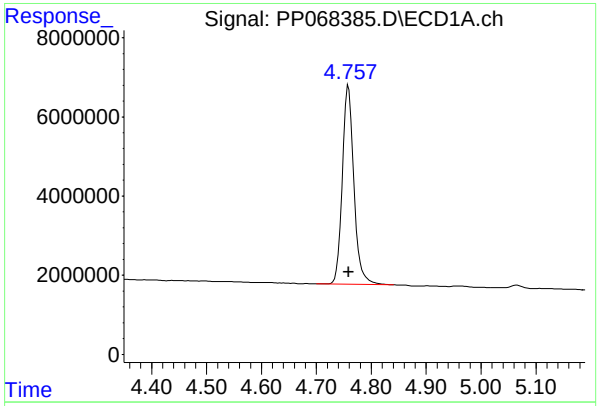
Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 10:18:04 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 10:12:44 2024
Response via : Initial Calibration
Integrator: ChemStation

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







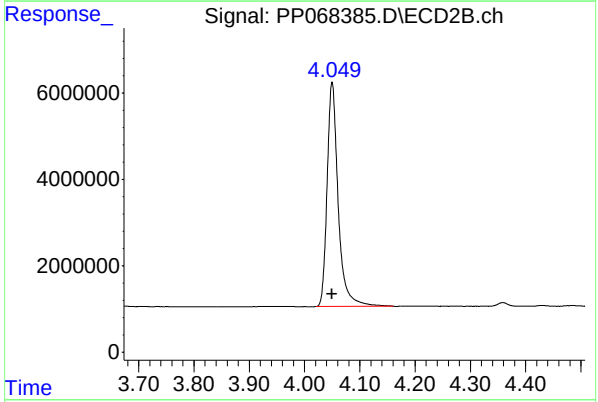
#1 Tetrachloro-m-xylene

R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 73623477
Conc: 72.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

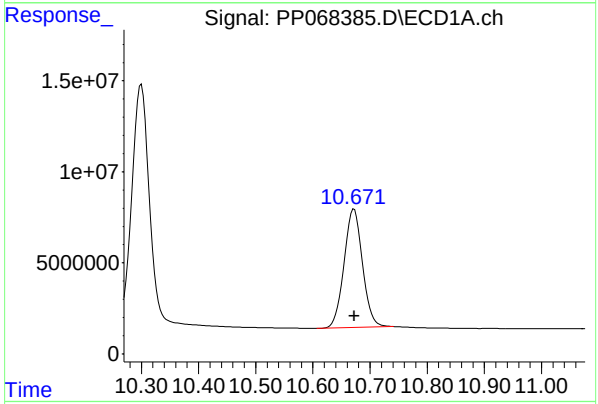
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



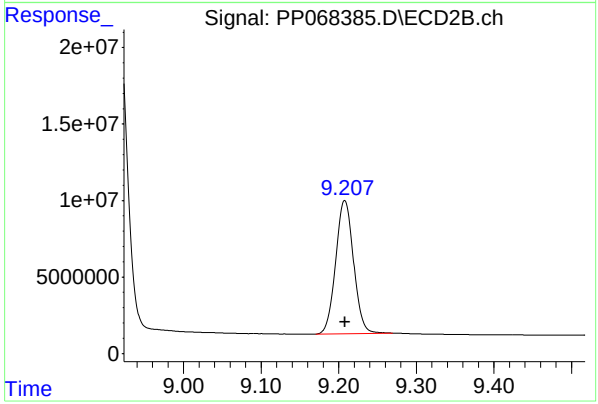
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 72510942
Conc: 73.93 ng/ml



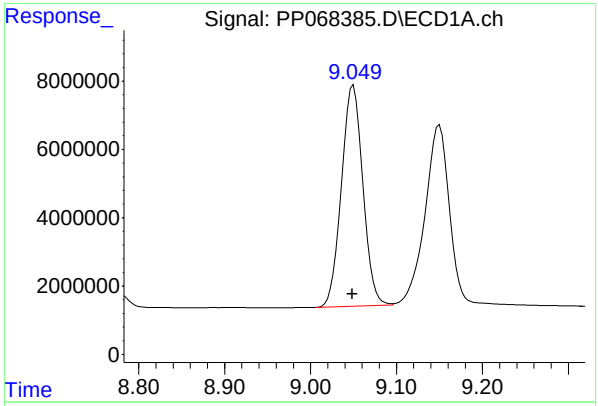
#2 Decachlorobiphenyl

R.T.: 10.672 min
Delta R.T.: 0.000 min
Response: 146718867
Conc: 73.46 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.208 min
Delta R.T.: 0.000 min
Response: 139768141
Conc: 74.85 ng/ml



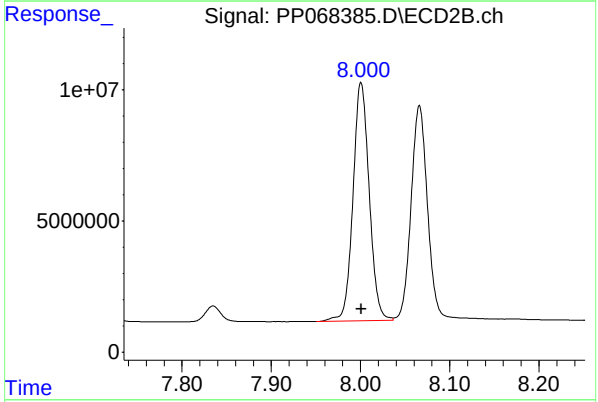
#41 AR-1268-1

R.T.: 9.049 min
Delta R.T.: 0.000 min
Response: 111793457
Conc: 738.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

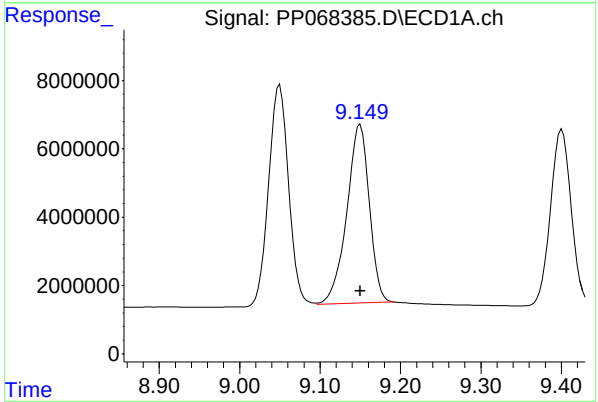
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



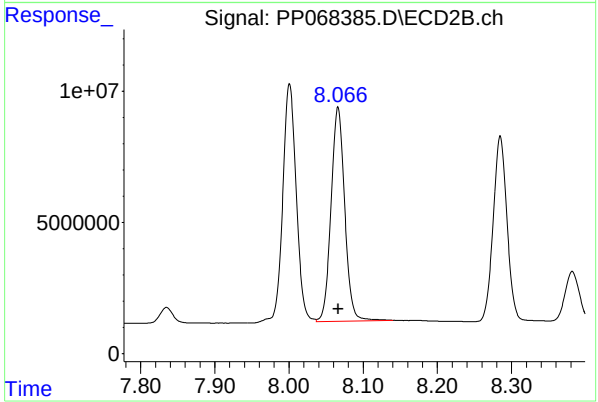
#41 AR-1268-1

R.T.: 8.001 min
Delta R.T.: 0.000 min
Response: 114984948
Conc: 748.53 ng/ml



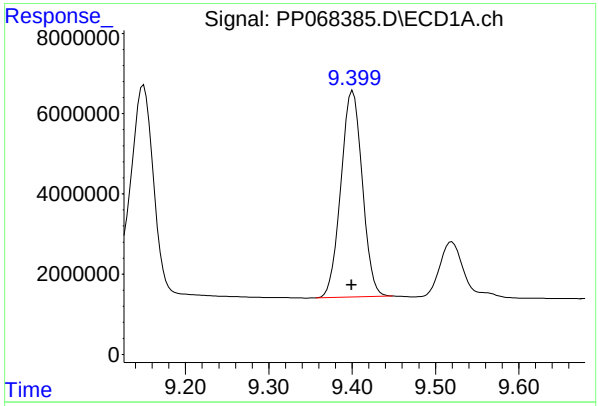
#42 AR-1268-2

R.T.: 9.150 min
Delta R.T.: 0.000 min
Response: 101858862
Conc: 736.94 ng/ml



#42 AR-1268-2

R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 104645236
Conc: 747.33 ng/ml



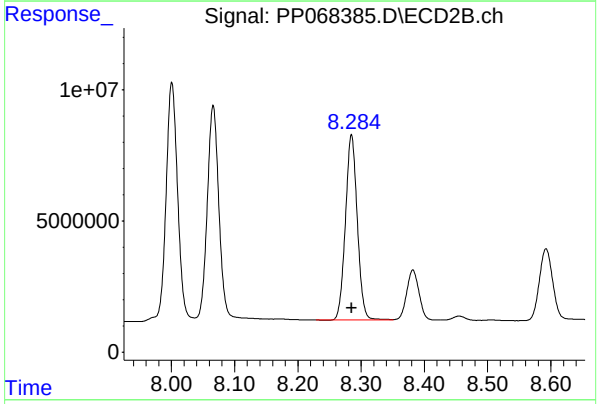
#43 AR-1268-3

R.T.: 9.399 min
Delta R.T.: 0.000 min
Response: 91495085
Conc: 743.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

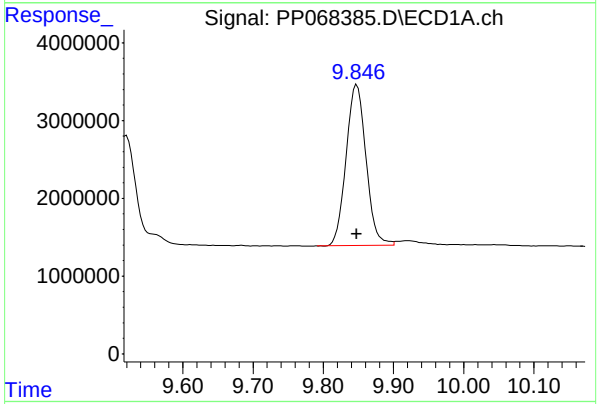
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



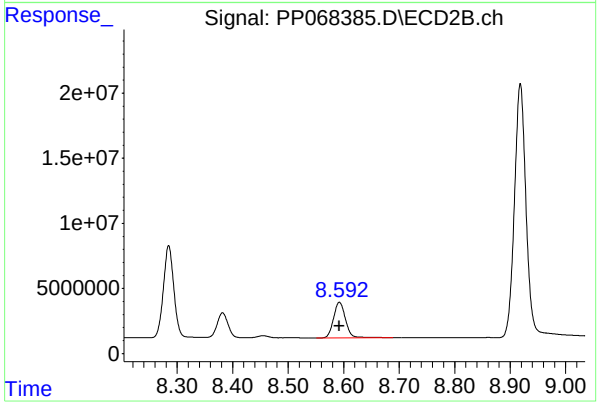
#43 AR-1268-3

R.T.: 8.285 min
Delta R.T.: 0.000 min
Response: 91785879
Conc: 747.05 ng/ml



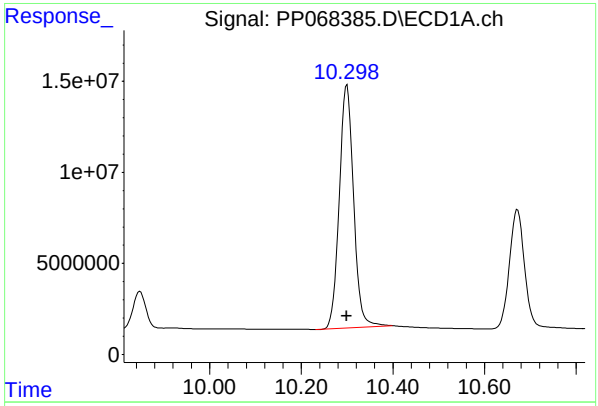
#44 AR-1268-4

R.T.: 9.848 min
Delta R.T.: 0.000 min
Response: 40875359
Conc: 729.67 ng/ml



#44 AR-1268-4

R.T.: 8.592 min
Delta R.T.: 0.000 min
Response: 41388287
Conc: 746.55 ng/ml



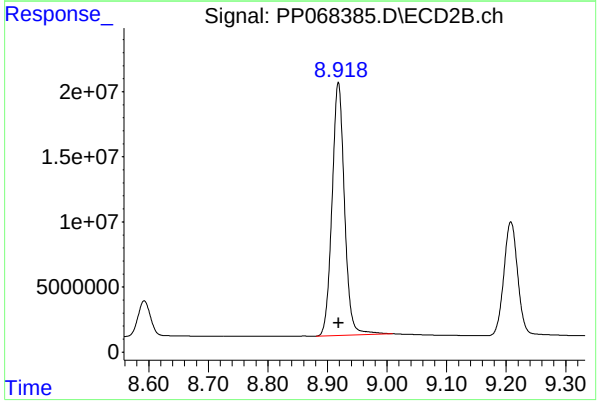
#45 AR-1268-5

R.T.: 10.300 min
Delta R.T.: 0.000 min
Response: 289482689
Conc: 740.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



#45 AR-1268-5

R.T.: 8.918 min
Delta R.T.: 0.000 min
Response: 282624906
Conc: 748.71 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068386.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 09:34
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: Nov 08 10:12:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 10:12:44 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.757	4.050	52377958	50114718	50.000	50.000
2)	SA Decachlor...	10.669	9.208	104.3E6	95782938	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	9.048	8.001	78477087	78131406	500.000	500.000
42)	L9 AR-1268-2	9.147	8.067	71859787	71402954	500.000	500.000
43)	L9 AR-1268-3	9.398	8.285	63189213	62955533	500.000	500.000
44)	L9 AR-1268-4	9.845	8.593	28871509	28632352	500.000	500.000
45)	L9 AR-1268-5	10.297	8.919	200.4E6	191.0E6	500.000	500.000

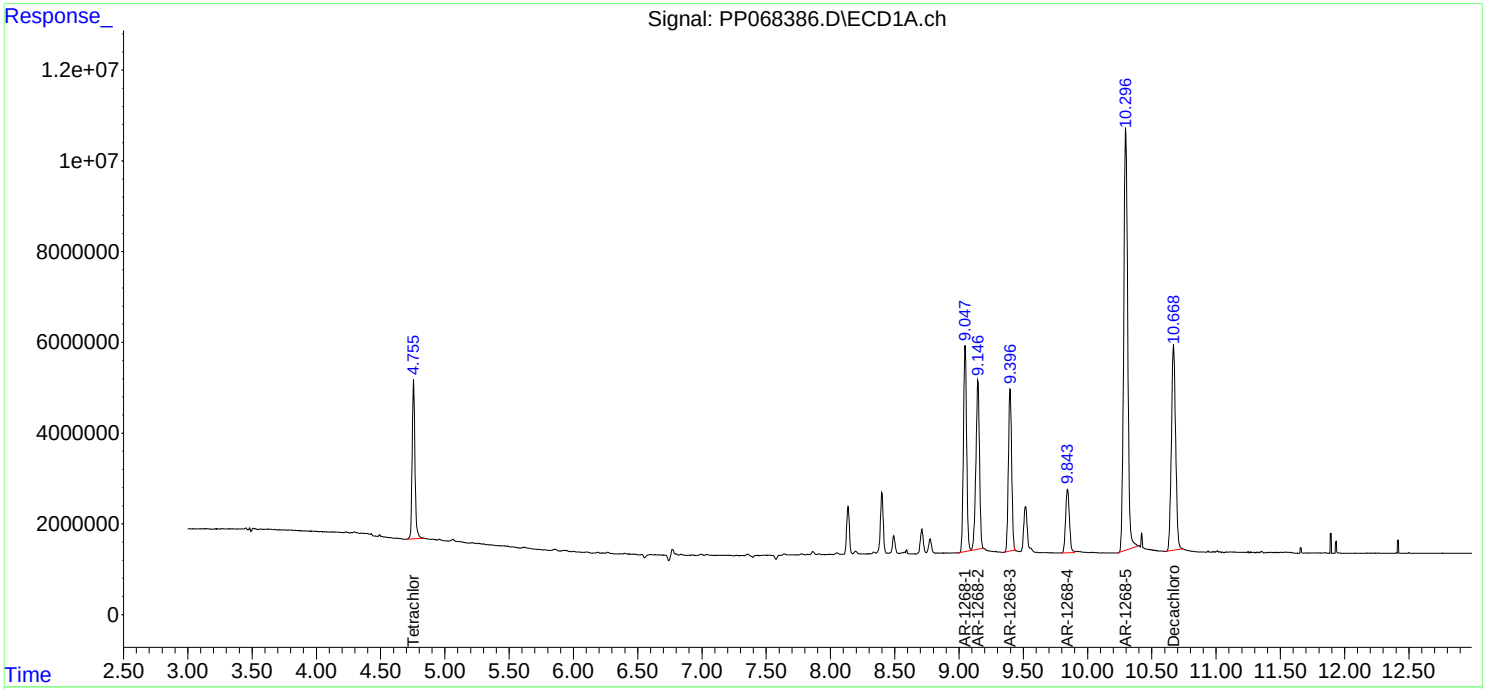
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

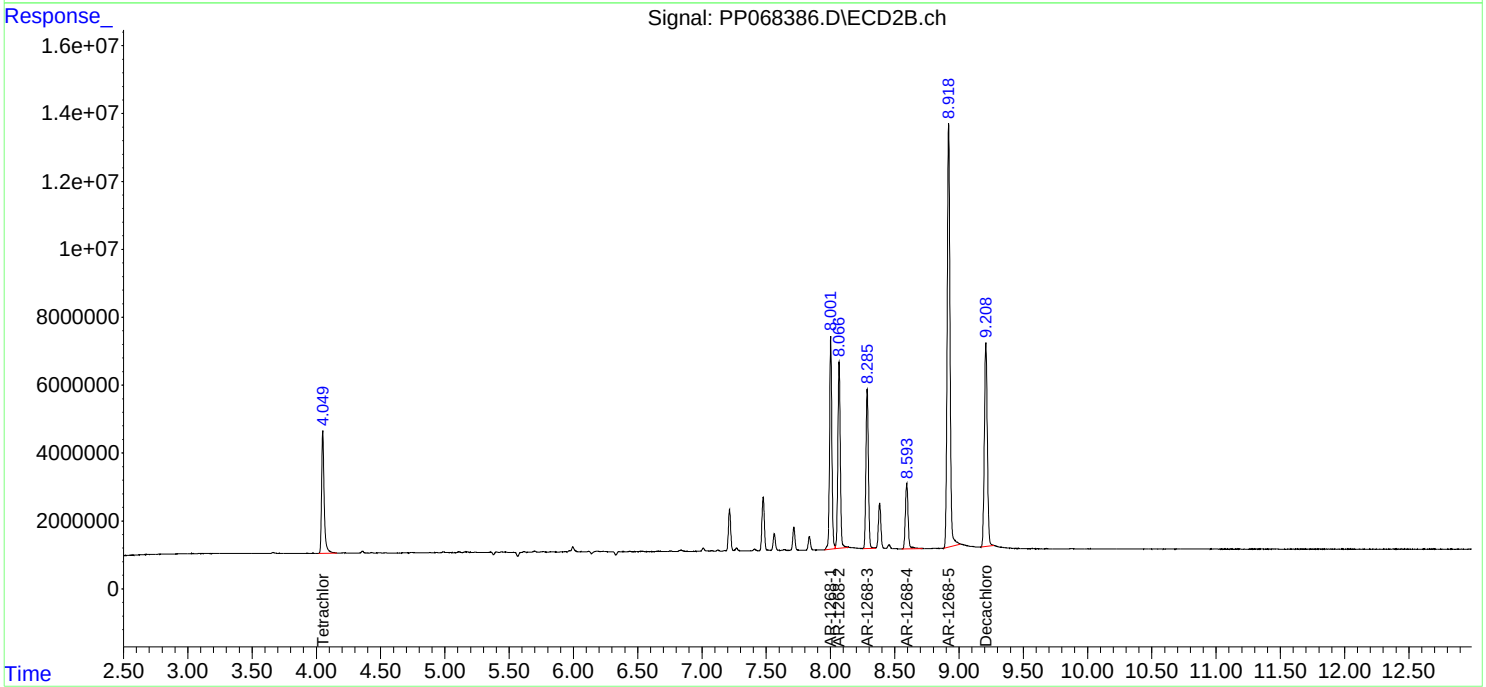
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068386.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 09:34
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

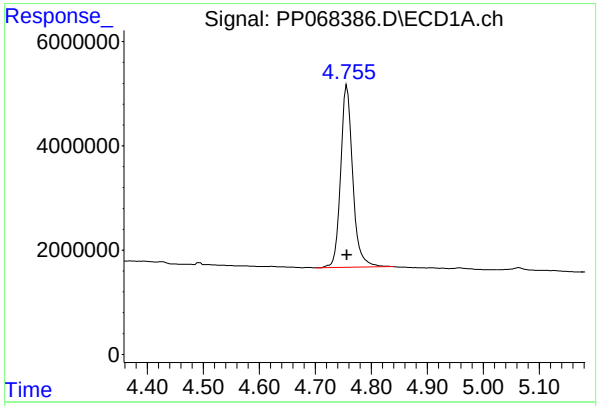
Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 10:12:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 10:12:44 2024
Response via : Initial Calibration
Integrator: ChemStation

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



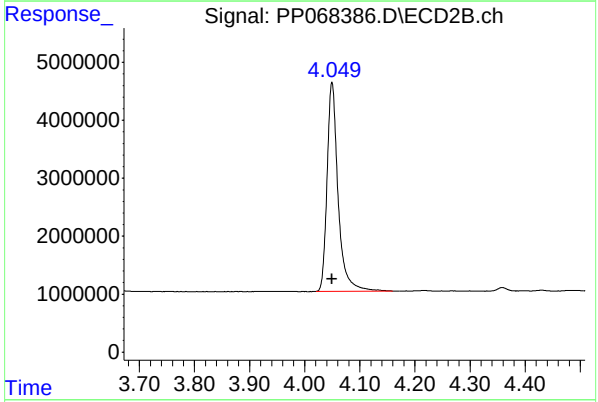




#1 Tetrachloro-m-xylene

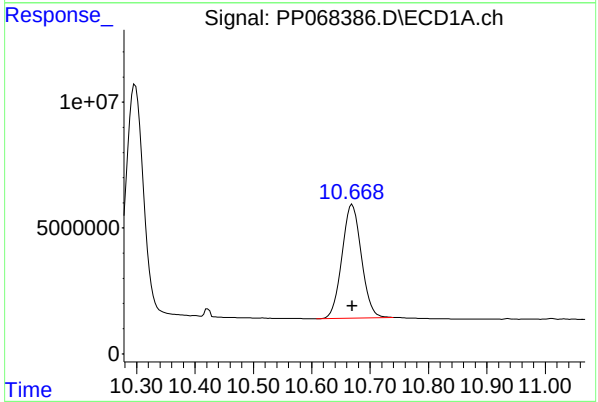
R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 52377958
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



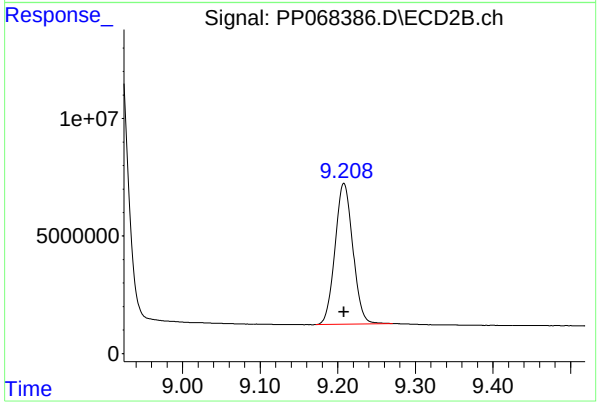
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 50114718
Conc: 50.00 ng/ml



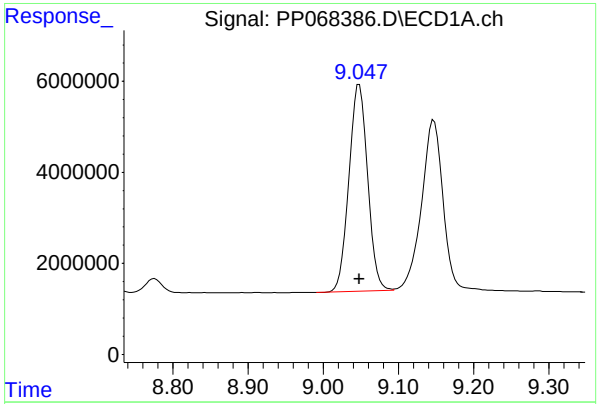
#2 Decachlorobiphenyl

R.T.: 10.669 min
Delta R.T.: 0.000 min
Response: 104330850
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

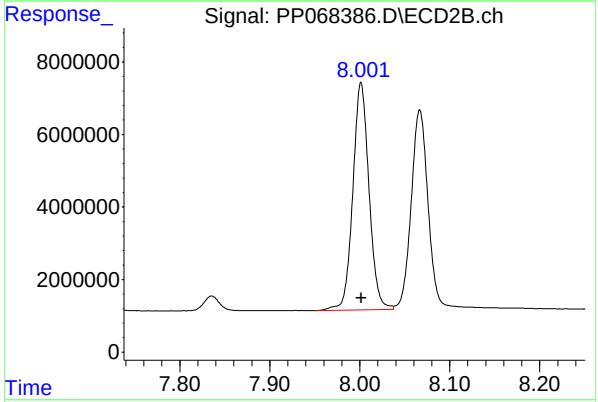
R.T.: 9.208 min
Delta R.T.: 0.000 min
Response: 95782938
Conc: 50.00 ng/ml



#41 AR-1268-1

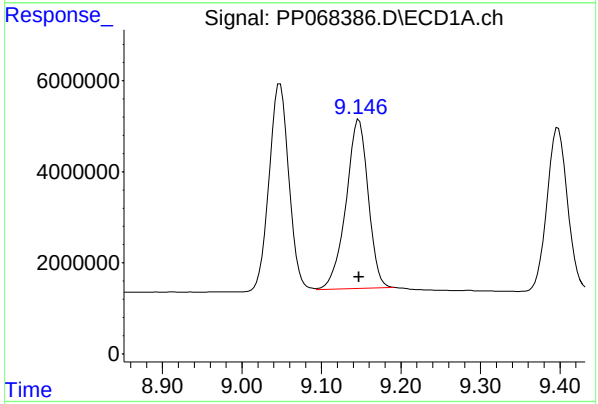
R.T.: 9.048 min
Delta R.T.: 0.000 min
Response: 78477087
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



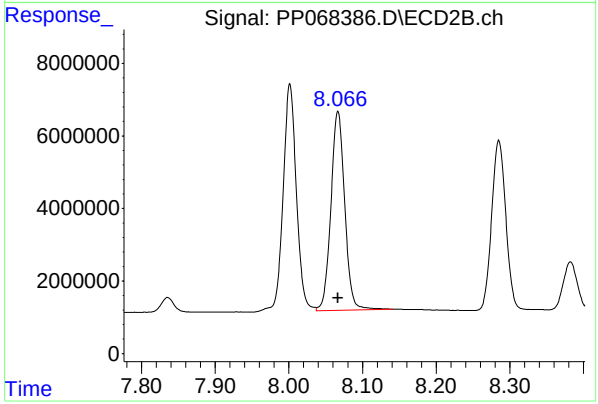
#41 AR-1268-1

R.T.: 8.001 min
Delta R.T.: 0.000 min
Response: 78131406
Conc: 500.00 ng/ml



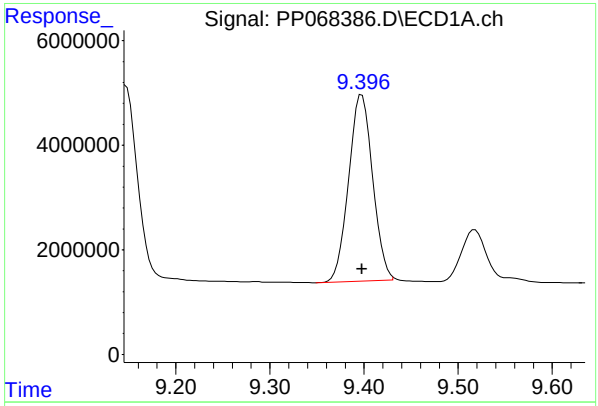
#42 AR-1268-2

R.T.: 9.147 min
Delta R.T.: 0.000 min
Response: 71859787
Conc: 500.00 ng/ml



#42 AR-1268-2

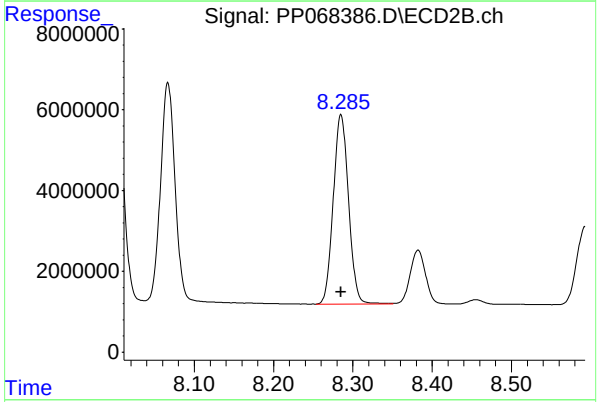
R.T.: 8.067 min
Delta R.T.: 0.000 min
Response: 71402954
Conc: 500.00 ng/ml



#43 AR-1268-3

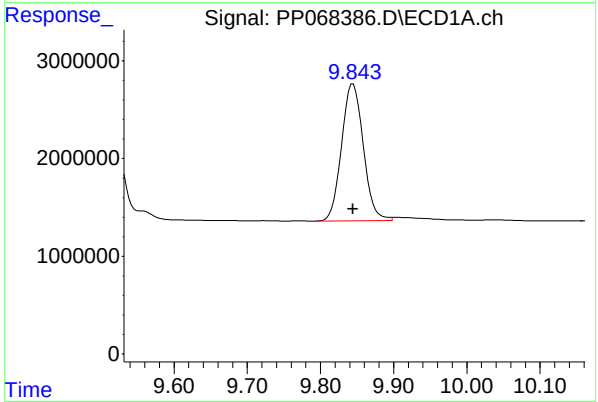
R.T.: 9.398 min
Delta R.T.: 0.000 min
Response: 63189213
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



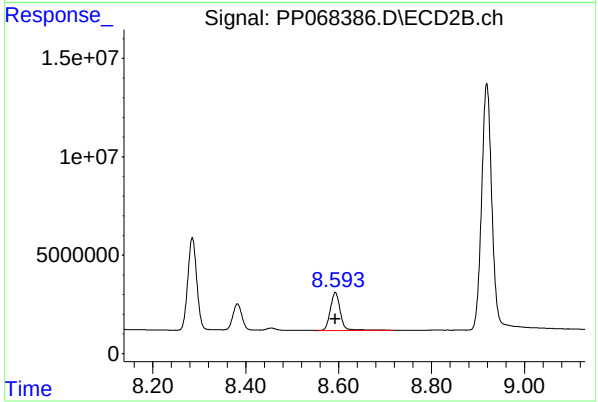
#43 AR-1268-3

R.T.: 8.285 min
Delta R.T.: 0.000 min
Response: 62955533
Conc: 500.00 ng/ml



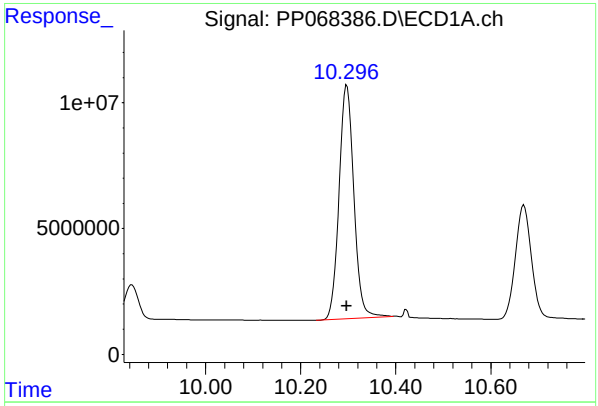
#44 AR-1268-4

R.T.: 9.845 min
Delta R.T.: 0.000 min
Response: 28871509
Conc: 500.00 ng/ml



#44 AR-1268-4

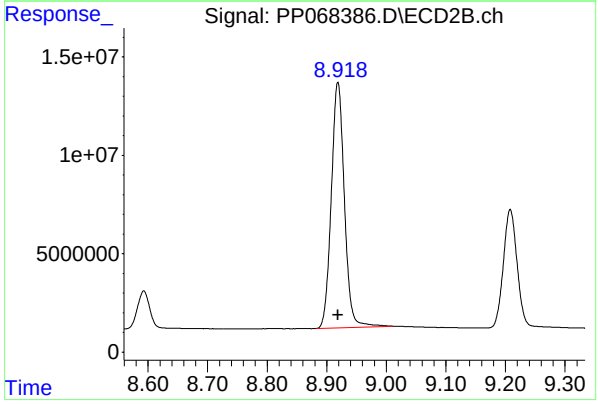
R.T.: 8.593 min
Delta R.T.: 0.000 min
Response: 28632352
Conc: 500.00 ng/ml



#45 AR-1268-5

R.T.: 10.297 min
Delta R.T.: 0.000 min
Response: 200368637
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



#45 AR-1268-5

R.T.: 8.919 min
Delta R.T.: 0.000 min
Response: 190970627
Conc: 500.00 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068387.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 09:50
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 10:20:43 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 10:12:44 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.758	4.048	24716059	25561394	24.607	25.787
2)	SA Decachlor...	10.671	9.206	56279615	51296322	27.309	26.809
	Target Compounds						
41)	L9 AR-1268-1	9.048	8.001	41458842	40939644	267.233m	262.180
42)	L9 AR-1268-2	9.149	8.065	37763648	37154972	267.016	261.335
43)	L9 AR-1268-3	9.398	8.284	34455564	32866076	271.833m	262.898
44)	L9 AR-1268-4	9.845	8.592	15148086	14405127	265.001	257.305
45)	L9 AR-1268-5	10.299	8.917	106.2E6	96887509	265.903	254.969

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068387.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 09:50
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

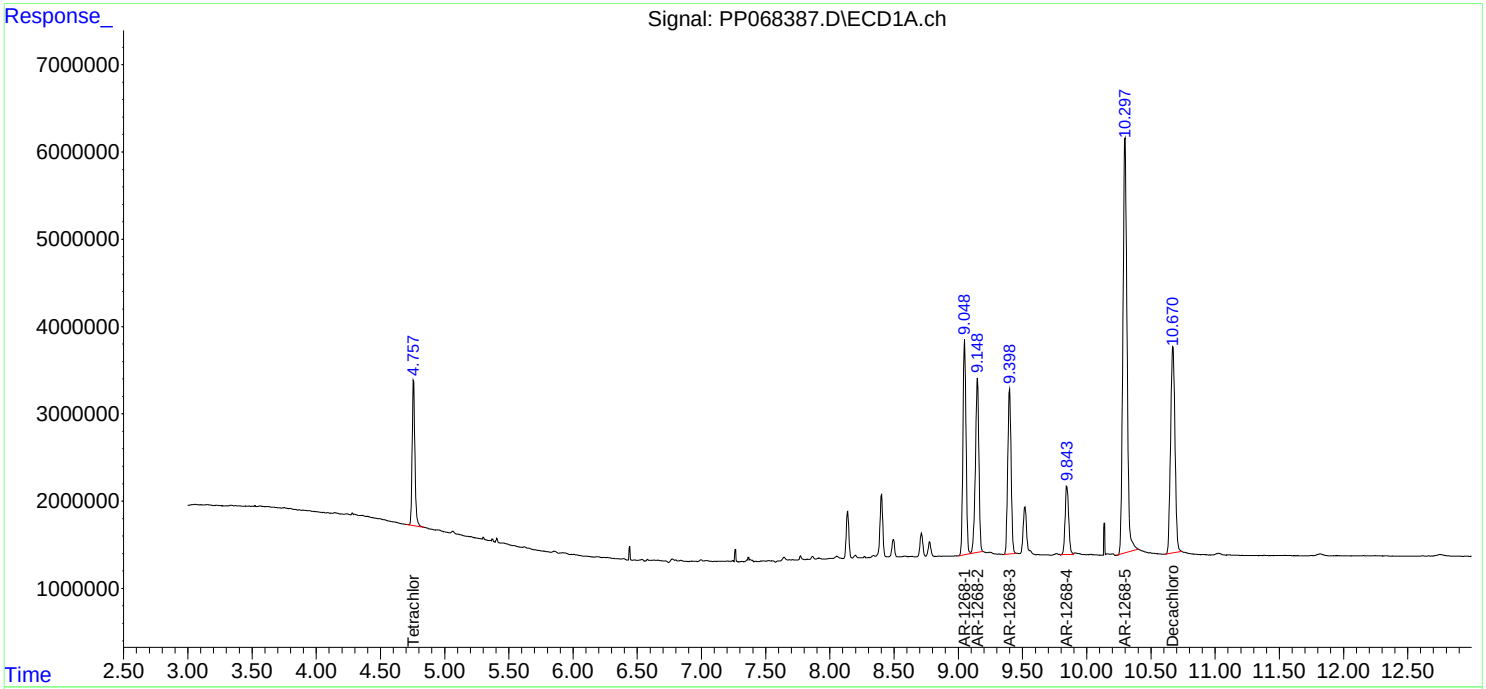
Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

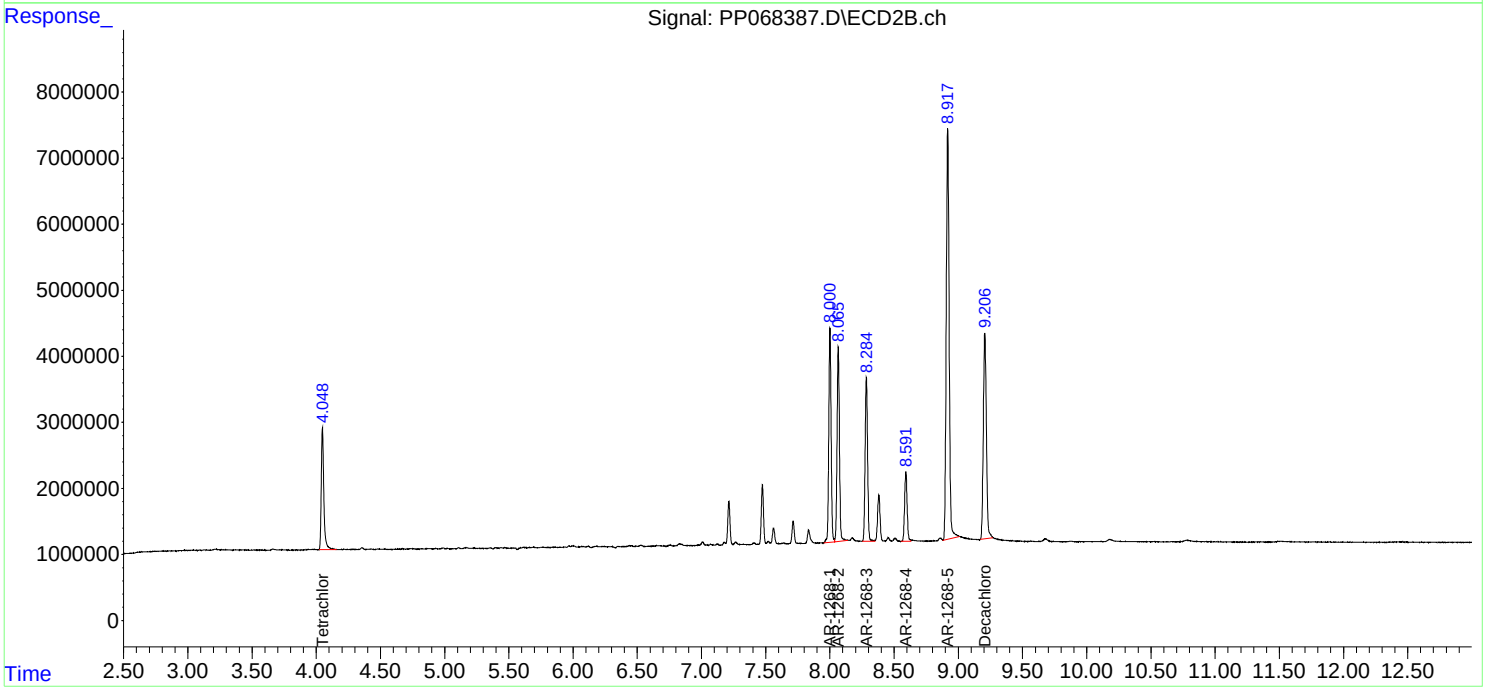
Manual Integrations APPROVED

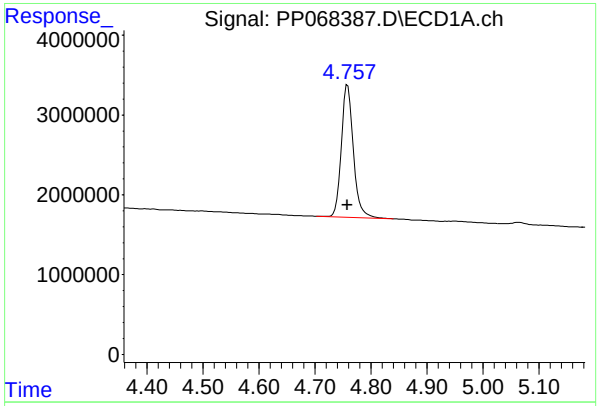
Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 10:20:43 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 10:12:44 2024
Response via : Initial Calibration
Integrator: ChemStation

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







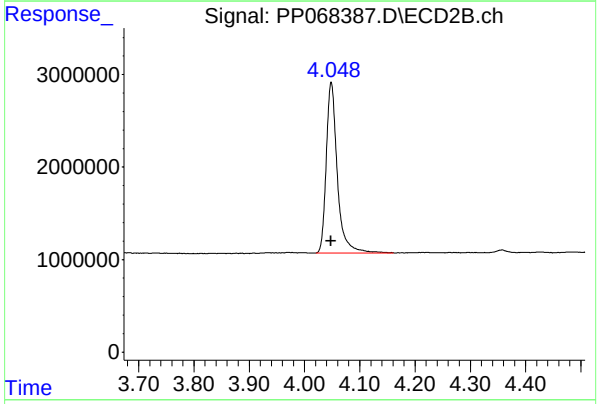
#1 Tetrachloro-m-xylene

R.T.: 4.758 min
Delta R.T.: 0.000 min
Response: 24716059
Conc: 24.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

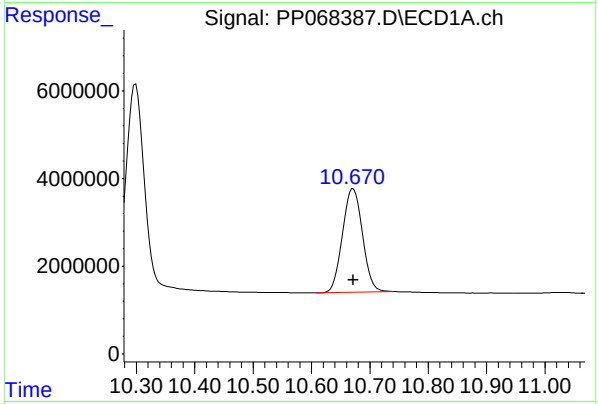
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



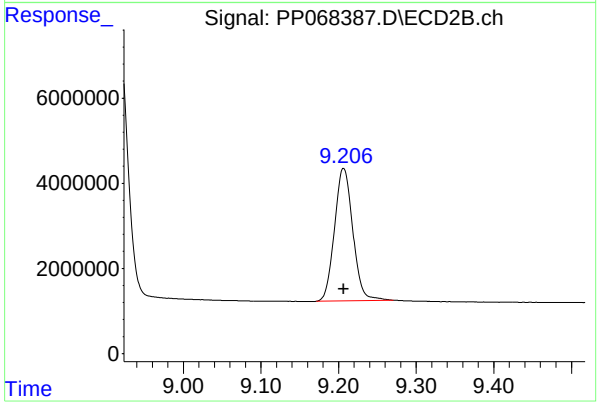
#1 Tetrachloro-m-xylene

R.T.: 4.048 min
Delta R.T.: 0.000 min
Response: 25561394
Conc: 25.79 ng/ml



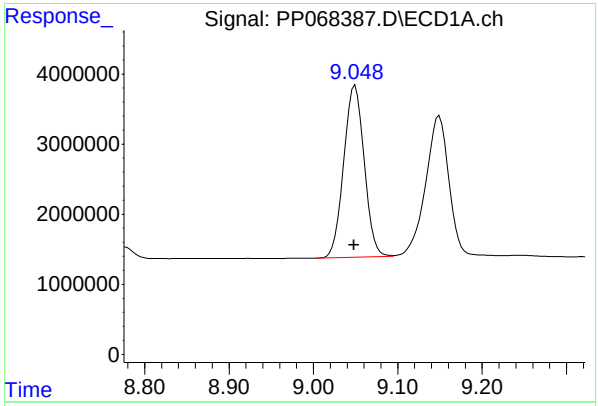
#2 Decachlorobiphenyl

R.T.: 10.671 min
Delta R.T.: 0.000 min
Response: 56279615
Conc: 27.31 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.206 min
Delta R.T.: 0.000 min
Response: 51296322
Conc: 26.81 ng/ml



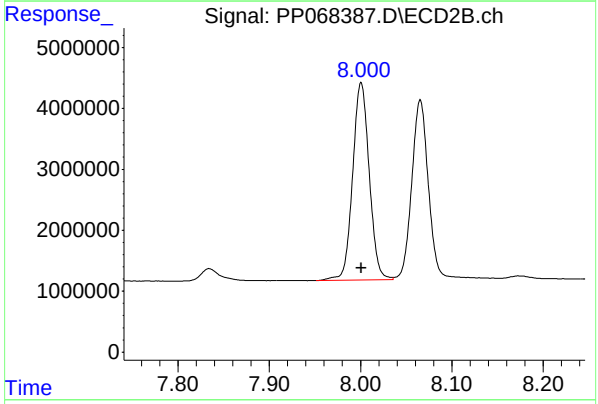
#41 AR-1268-1

R.T.: 9.048 min
Delta R.T.: 0.000 min
Response: 41458842
Conc: 267.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

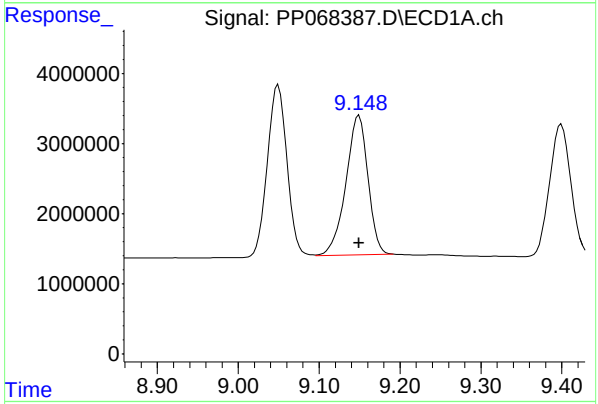
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



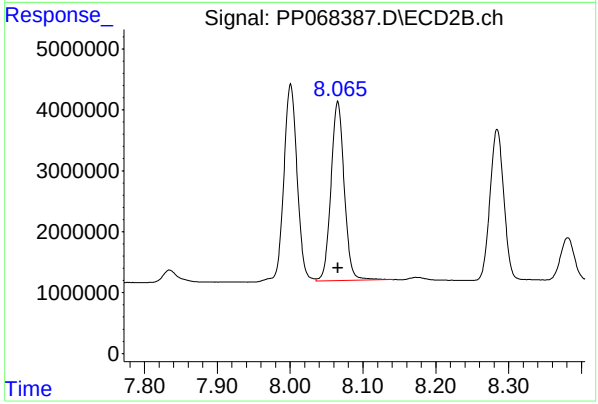
#41 AR-1268-1

R.T.: 8.001 min
Delta R.T.: 0.000 min
Response: 40939644
Conc: 262.18 ng/ml



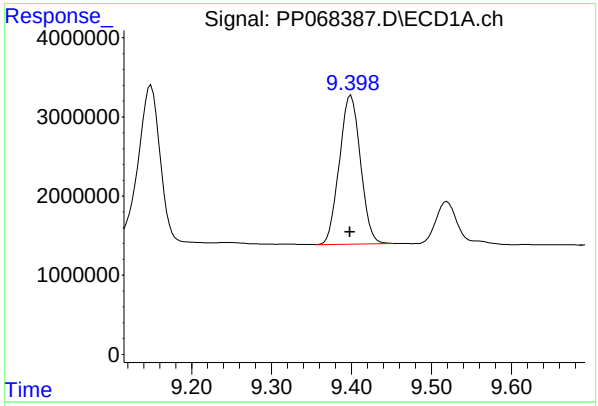
#42 AR-1268-2

R.T.: 9.149 min
Delta R.T.: 0.000 min
Response: 37763648
Conc: 267.02 ng/ml



#42 AR-1268-2

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 37154972
Conc: 261.33 ng/ml



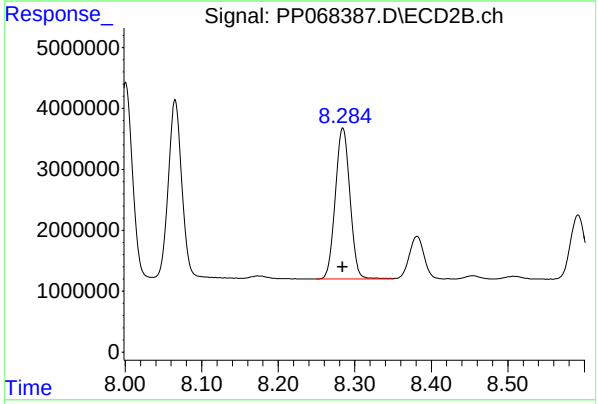
#43 AR-1268-3

R.T.: 9.398 min
Delta R.T.: 0.000 min
Response: 34455564
Conc: 271.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

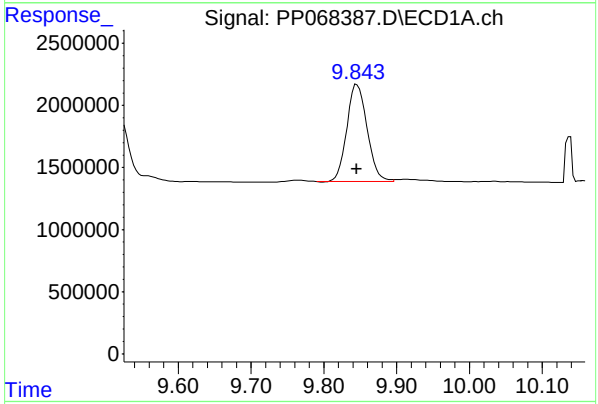
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



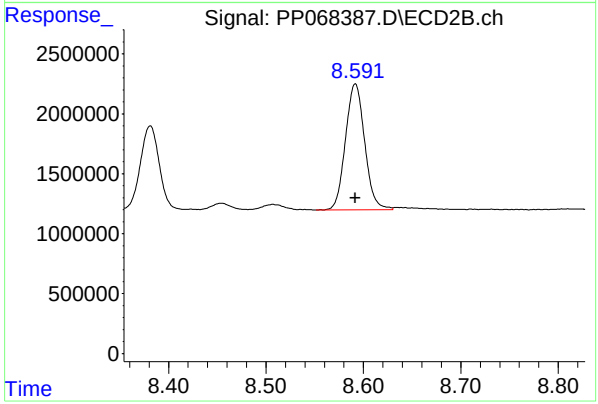
#43 AR-1268-3

R.T.: 8.284 min
Delta R.T.: 0.000 min
Response: 32866076
Conc: 262.90 ng/ml



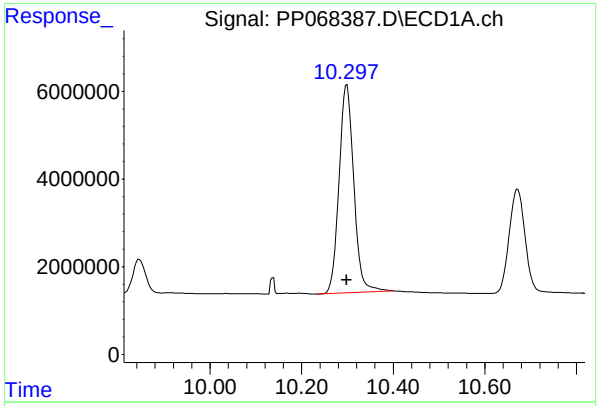
#44 AR-1268-4

R.T.: 9.845 min
Delta R.T.: 0.000 min
Response: 15148086
Conc: 265.00 ng/ml



#44 AR-1268-4

R.T.: 8.592 min
Delta R.T.: 0.000 min
Response: 14405127
Conc: 257.30 ng/ml



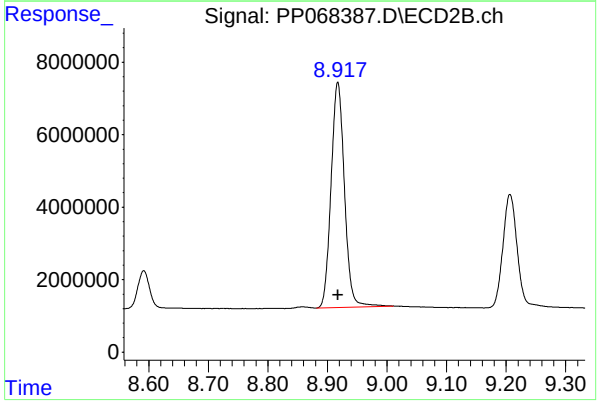
#45 AR-1268-5

R.T.: 10.299 min
Delta R.T.: 0.000 min
Response: 106181826
Conc: 265.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



#45 AR-1268-5

R.T.: 8.917 min
Delta R.T.: 0.000 min
Response: 96887509
Conc: 254.97 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068388.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 10:39
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 10:56:06 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 10:55:56 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.756	4.049	4157021	4376664	4.286	4.521
2)	SA Decachlor...	10.670	9.209	10314920	10005265	5.004	5.182
	Target Compounds						
41)	L9 AR-1268-1	9.047	8.002	7553361	7702391	48.948m	49.460
42)	L9 AR-1268-2	9.147	8.066	6711092	6954961	47.941	49.131
43)	L9 AR-1268-3	9.398	8.285	6048928	6125782	48.142	49.197
44)	L9 AR-1268-4	9.844	8.593	1926684	2454152	35.958m	44.944
45)	L9 AR-1268-5	10.297	8.920	19376455	18144214	48.811	48.182

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068388.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 10:39
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

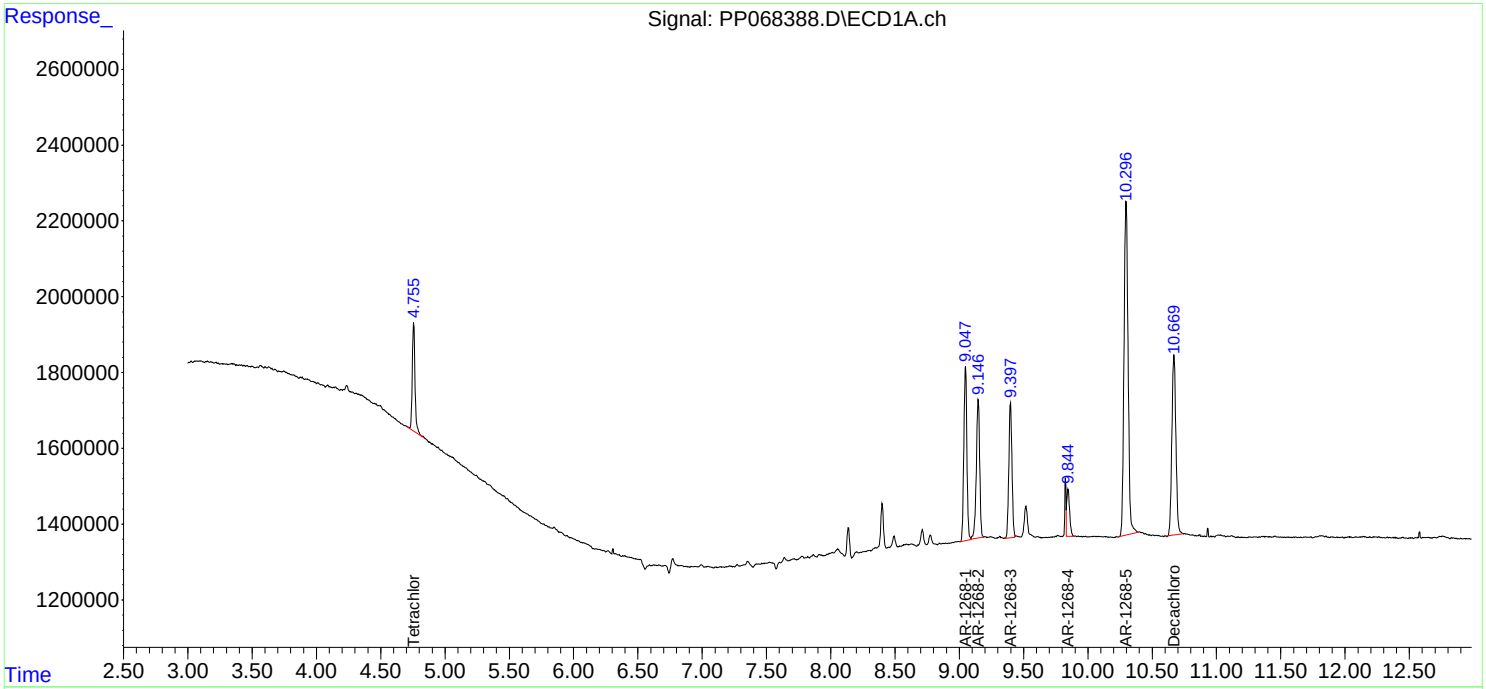
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

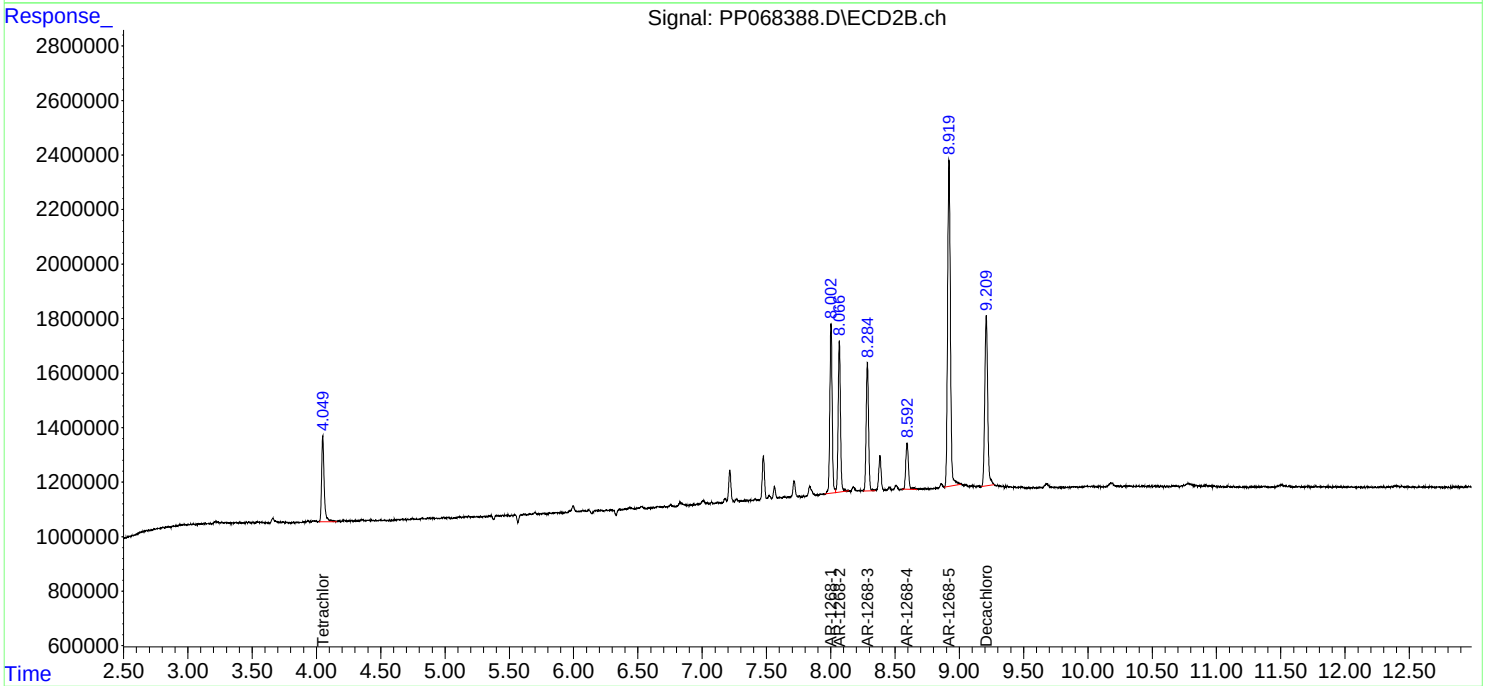
Manual Integrations APPROVED

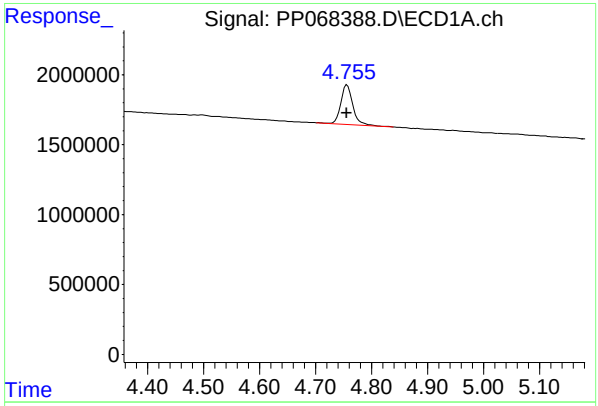
Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 10:56:06 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 10:55:56 2024
Response via : Initial Calibration
Integrator: ChemStation

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







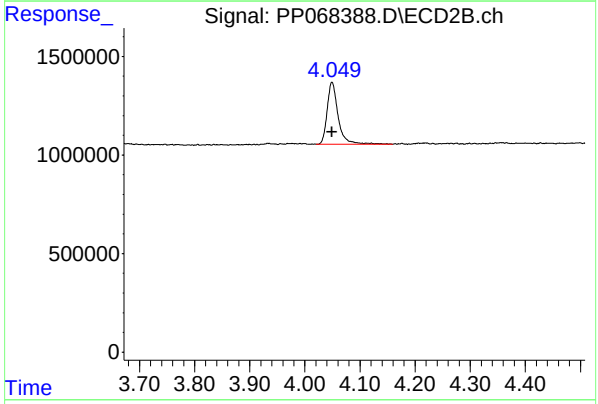
#1 Tetrachloro-m-xylene

R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 4157021
Conc: 4.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

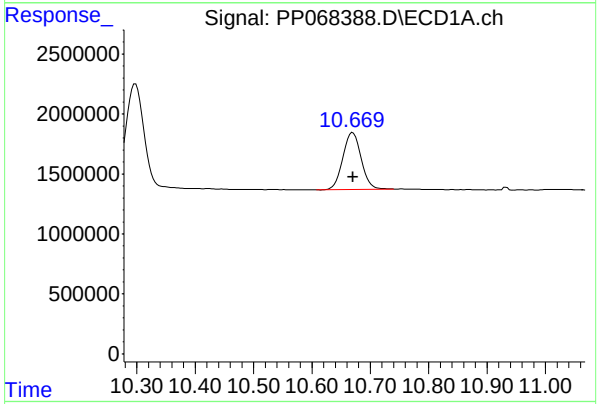
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



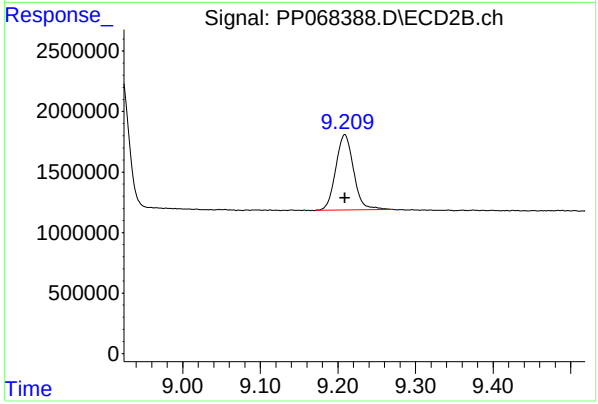
#1 Tetrachloro-m-xylene

R.T.: 4.049 min
Delta R.T.: 0.000 min
Response: 4376664
Conc: 4.52 ng/ml



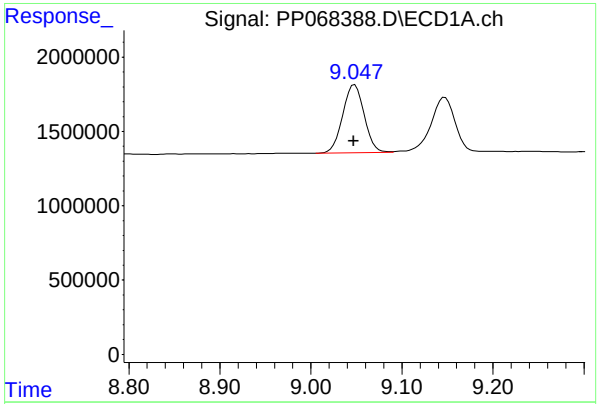
#2 Decachlorobiphenyl

R.T.: 10.670 min
Delta R.T.: 0.000 min
Response: 10314920
Conc: 5.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.209 min
Delta R.T.: 0.000 min
Response: 10005265
Conc: 5.18 ng/ml



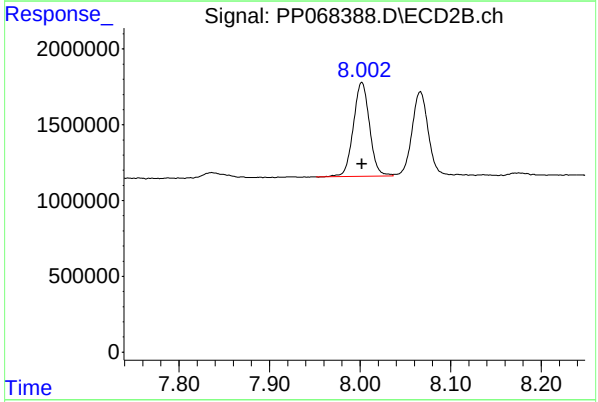
#41 AR-1268-1

R.T.: 9.047 min
Delta R.T.: 0.000 min
Response: 7553361
Conc: 48.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

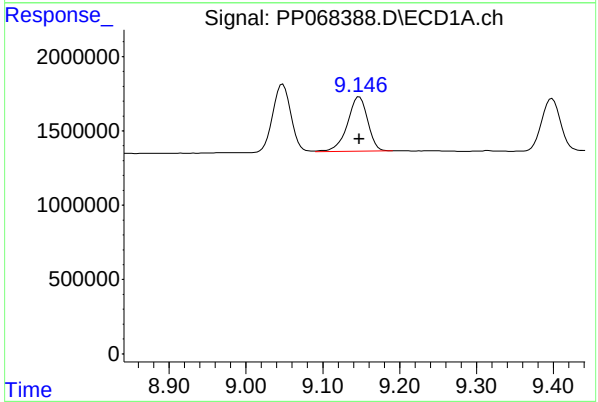
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



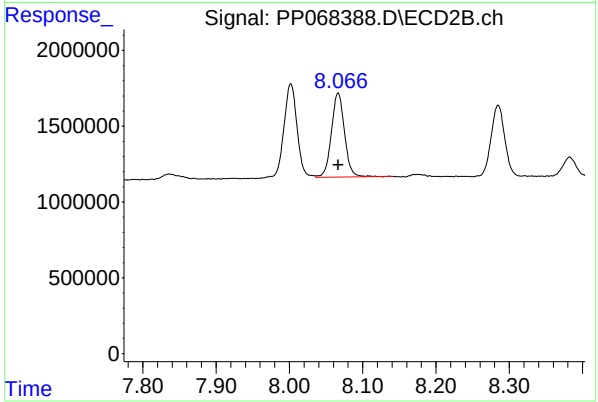
#41 AR-1268-1

R.T.: 8.002 min
Delta R.T.: 0.000 min
Response: 7702391
Conc: 49.46 ng/ml



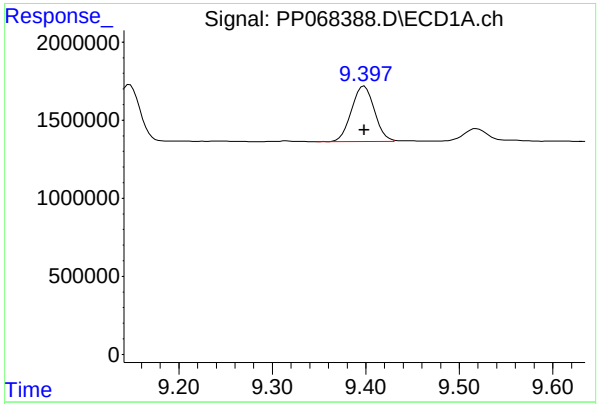
#42 AR-1268-2

R.T.: 9.147 min
Delta R.T.: 0.000 min
Response: 6711092
Conc: 47.94 ng/ml



#42 AR-1268-2

R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 6954961
Conc: 49.13 ng/ml



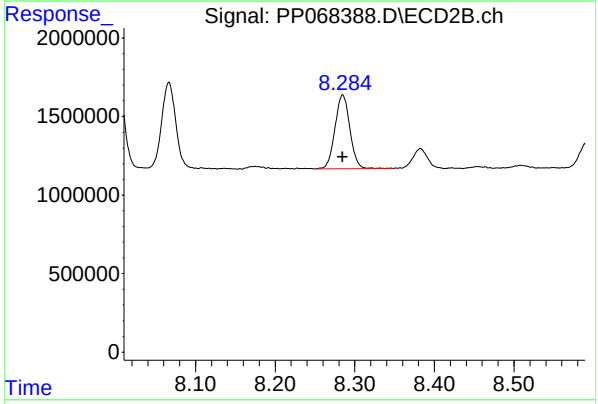
#43 AR-1268-3

R.T.: 9.398 min
Delta R.T.: 0.000 mi
Response: 6048928
Conc: 48.14 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

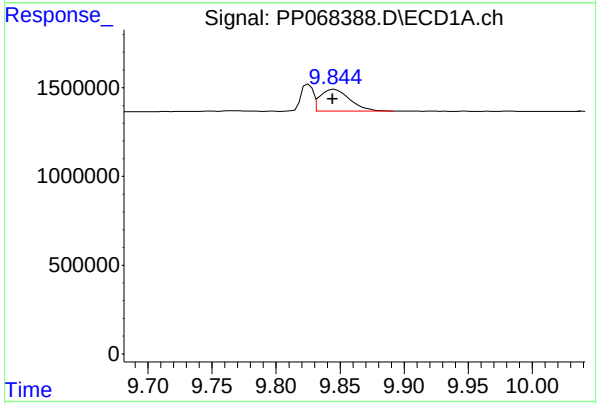
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



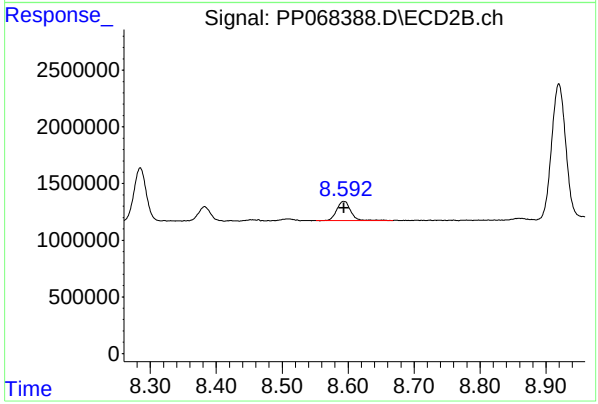
#43 AR-1268-3

R.T.: 8.285 min
Delta R.T.: 0.000 min
Response: 6125782
Conc: 49.20 ng/ml



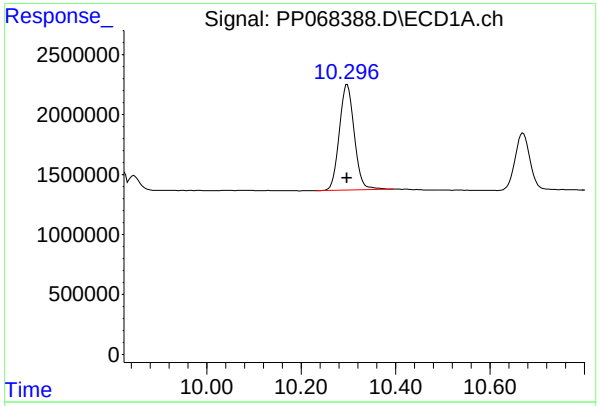
#44 AR-1268-4

R.T.: 9.844 min
Delta R.T.: 0.000 min
Response: 1926684
Conc: 35.96 ng/ml m



#44 AR-1268-4

R.T.: 8.593 min
Delta R.T.: 0.000 min
Response: 2454152
Conc: 44.94 ng/ml



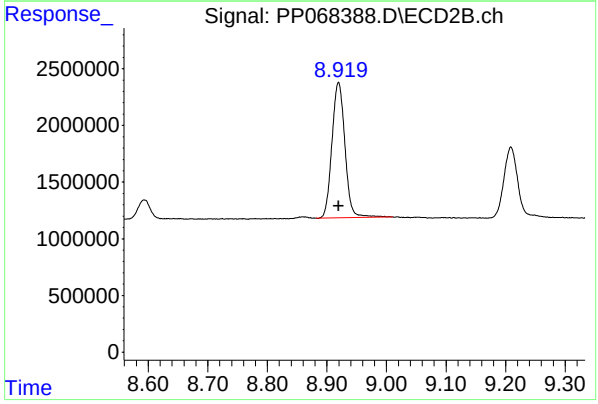
#45 AR-1268-5

R.T.: 10.297 min
Delta R.T.: 0.000 min
Response: 19376455
Conc: 48.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



#45 AR-1268-5

R.T.: 8.920 min
Delta R.T.: 0.000 min
Response: 18144214
Conc: 48.18 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068389.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 10:55
Operator : YP\AJ
Sample : PP110724ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP110724

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 11:09:04 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.760	4.050	49004186	50056688	50.488	51.696
2)	SA Decachlor...	10.674	9.208	62709763	57965421	50.108	51.243
	Target Compounds						
3)	L1 AR-1016-1	5.924	5.158	17775657	16786378	494.646	507.953
4)	L1 AR-1016-2	5.947	5.178	26141826	23540869	493.705	503.628
5)	L1 AR-1016-3	6.010	5.358	16524057	13232802	499.088	489.375
6)	L1 AR-1016-4	6.108	5.397	13340604	11791046	507.593	499.727
7)	L1 AR-1016-5	6.402	5.616	13764243	14955338	487.955	504.529
31)	L7 AR-1260-1	7.525	6.659	26825477	27348225	495.812	491.442
32)	L7 AR-1260-2	7.779	6.846	31517726	32270778	495.477	487.211
33)	L7 AR-1260-3	8.140	7.004	26454192	30459045	491.787	492.137
34)	L7 AR-1260-4	8.378	7.478	30546748	27029925	490.884	512.542
35)	L7 AR-1260-5	8.716	7.716	55319213	59679497	488.753	501.188

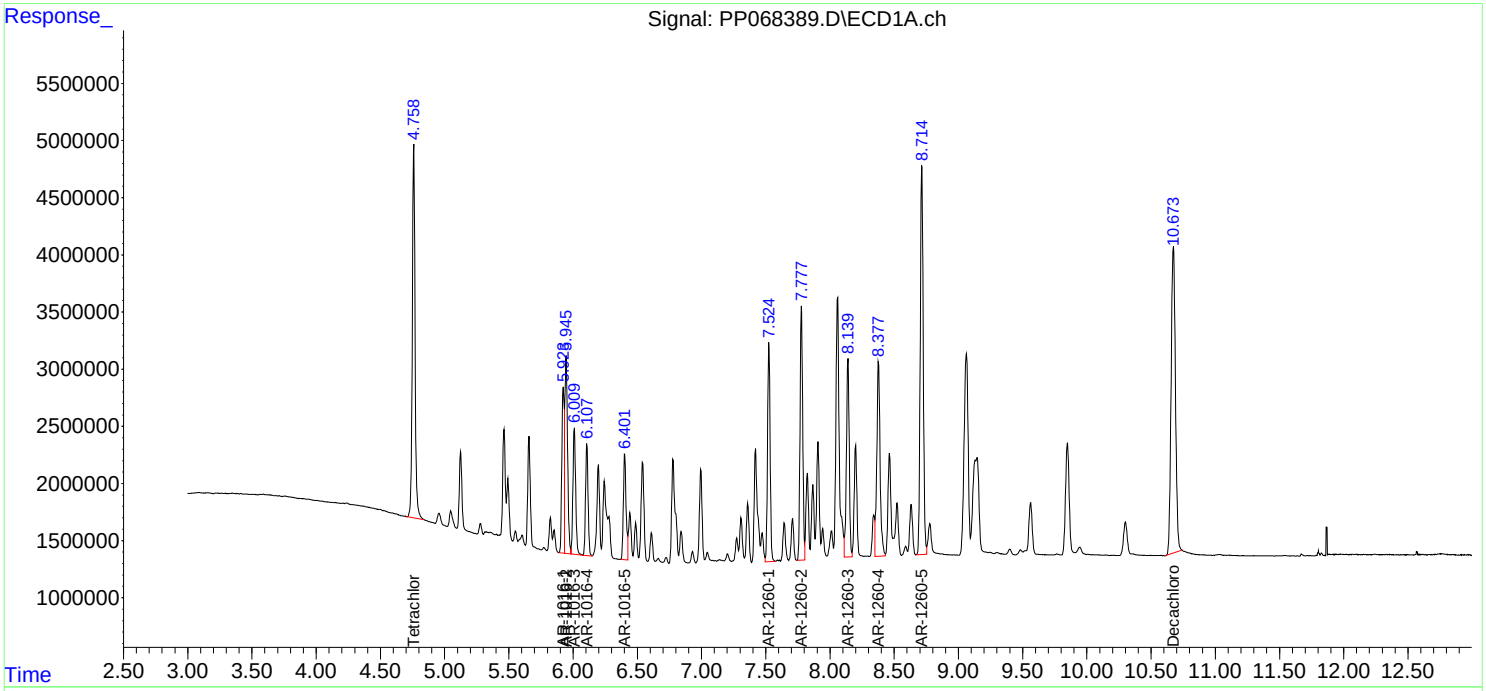
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

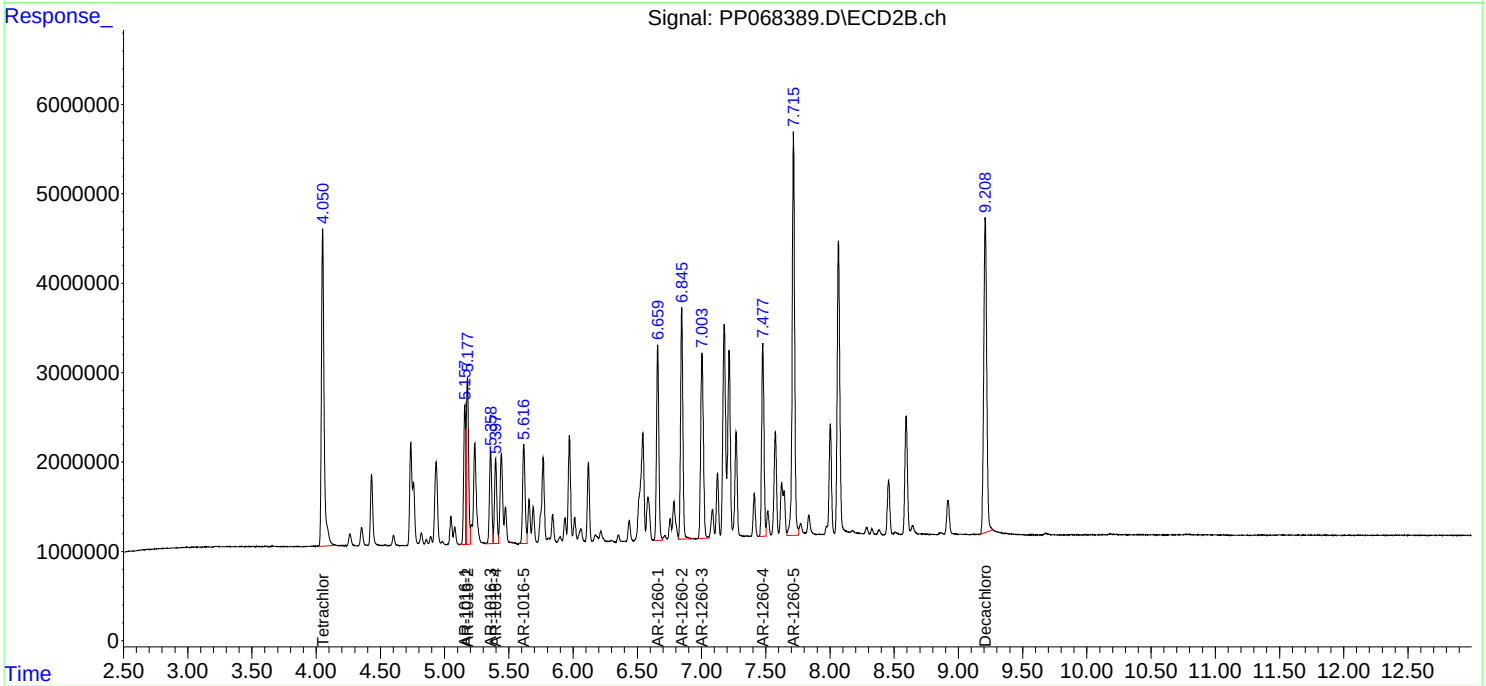
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068389.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 10:55
Operator : YP\AJ
Sample : PP110724ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

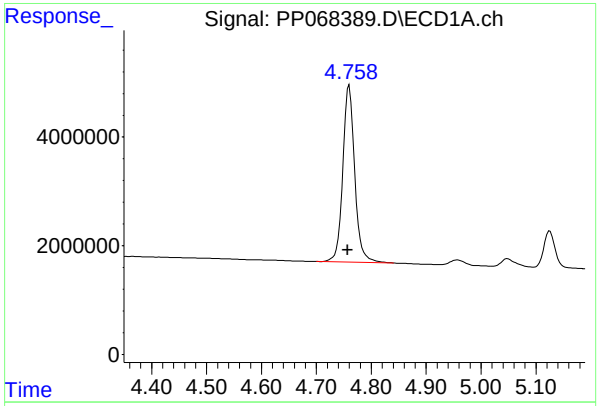
Instrument :
ECD_P
ClientSampleId :
ICVPP110724

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 11:09:04 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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



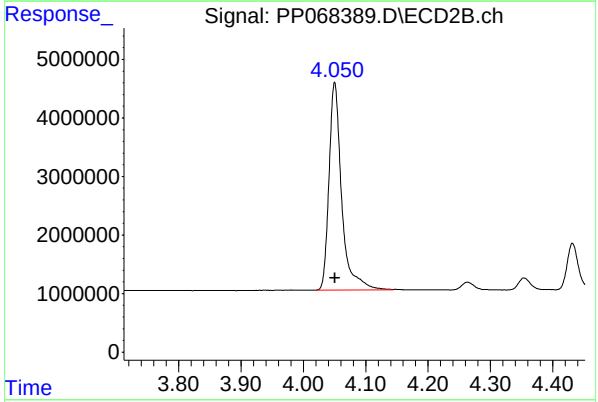




#1 Tetrachloro-m-xylene

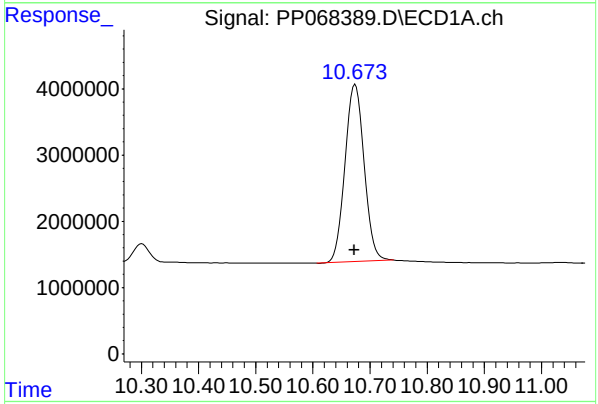
R.T.: 4.760 min
Delta R.T.: 0.003 min
Response: 49004186
Conc: 50.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724



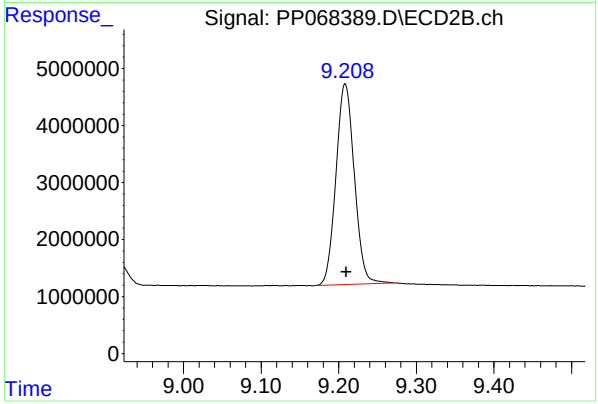
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 50056688
Conc: 51.70 ng/ml



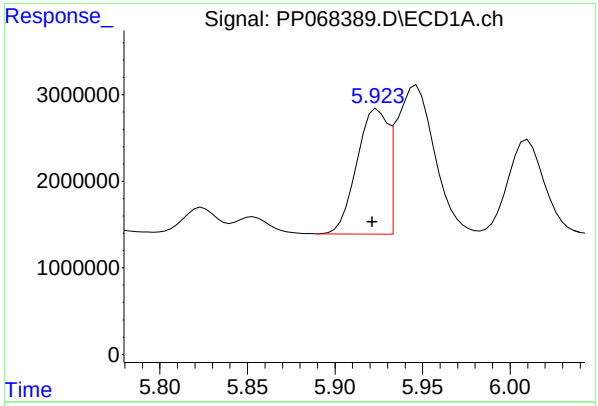
#2 Decachlorobiphenyl

R.T.: 10.674 min
Delta R.T.: 0.002 min
Response: 62709763
Conc: 50.11 ng/ml



#2 Decachlorobiphenyl

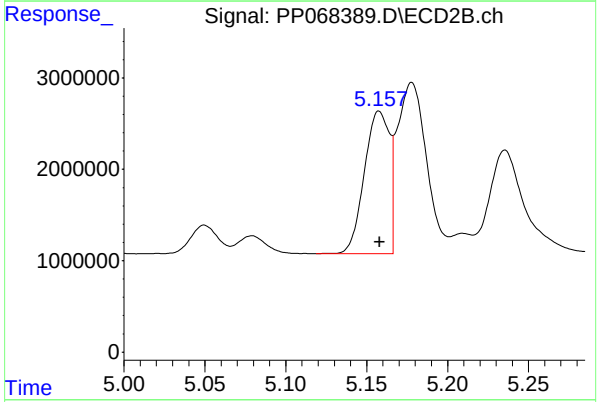
R.T.: 9.208 min
Delta R.T.: -0.001 min
Response: 57965421
Conc: 51.24 ng/ml



#3 AR-1016-1

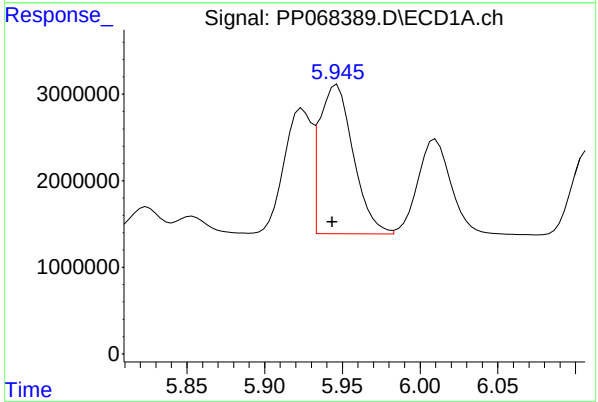
R.T.: 5.924 min
Delta R.T.: 0.003 min
Response: 17775657
Conc: 494.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724



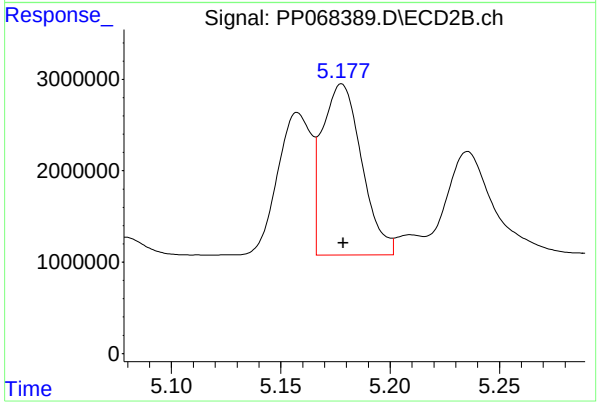
#3 AR-1016-1

R.T.: 5.158 min
Delta R.T.: 0.000 min
Response: 16786378
Conc: 507.95 ng/ml



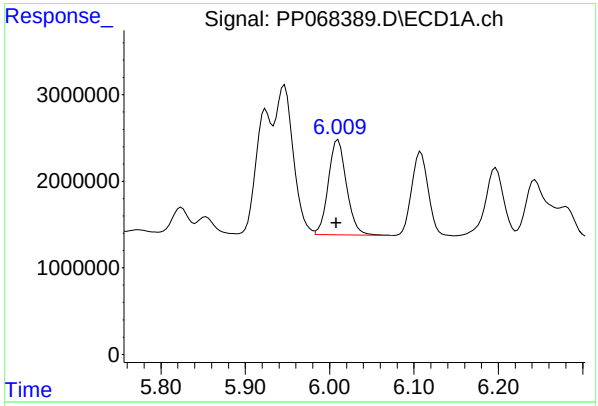
#4 AR-1016-2

R.T.: 5.947 min
Delta R.T.: 0.003 min
Response: 26141826
Conc: 493.71 ng/ml



#4 AR-1016-2

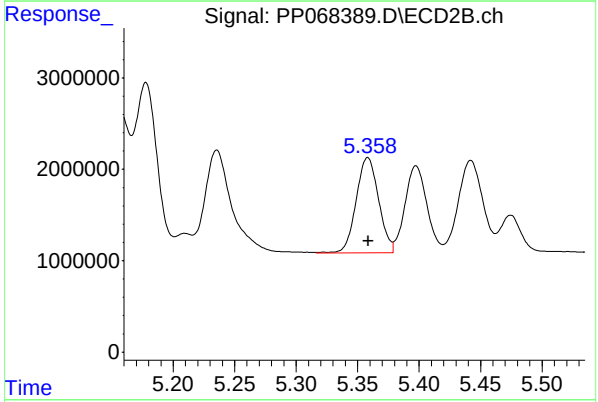
R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 23540869
Conc: 503.63 ng/ml



#5 AR-1016-3

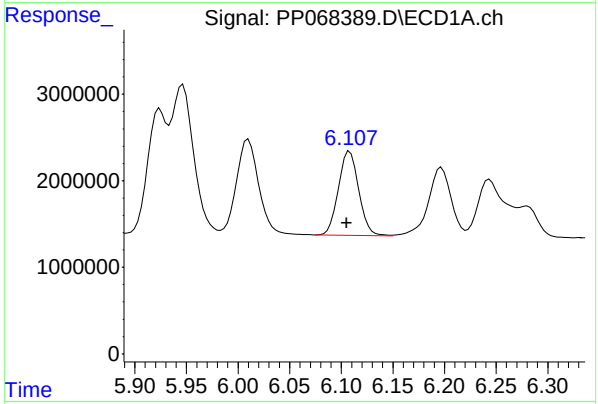
R.T.: 6.010 min
Delta R.T.: 0.002 min
Response: 16524057
Conc: 499.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724



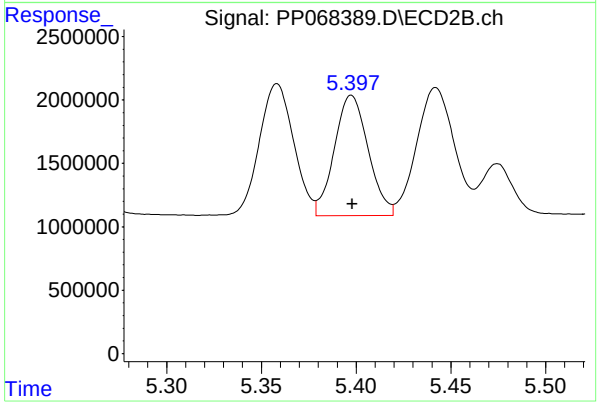
#5 AR-1016-3

R.T.: 5.358 min
Delta R.T.: 0.000 min
Response: 13232802
Conc: 489.37 ng/ml



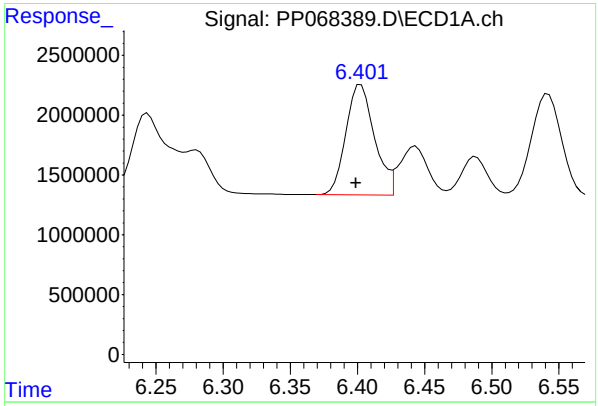
#6 AR-1016-4

R.T.: 6.108 min
Delta R.T.: 0.003 min
Response: 13340604
Conc: 507.59 ng/ml



#6 AR-1016-4

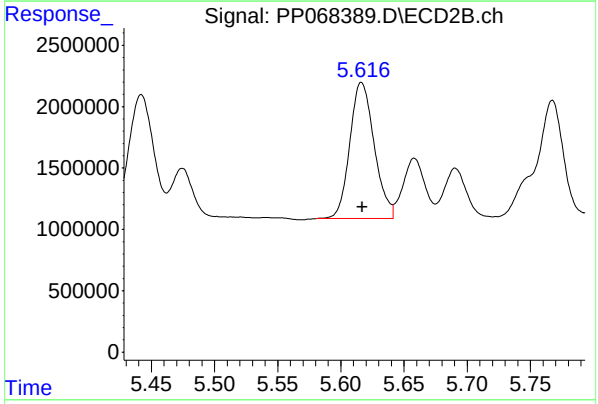
R.T.: 5.397 min
Delta R.T.: 0.000 min
Response: 11791046
Conc: 499.73 ng/ml



#7 AR-1016-5

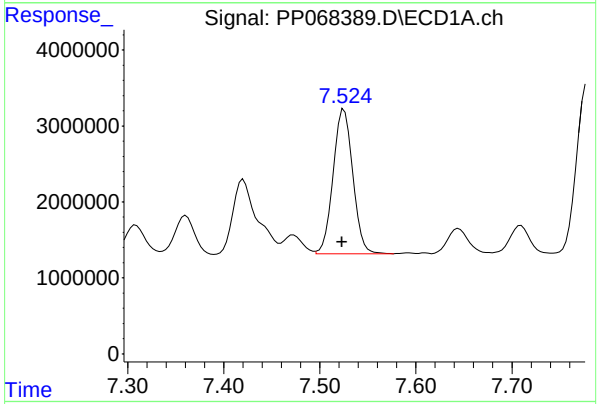
R.T.: 6.402 min
Delta R.T.: 0.003 min
Response: 13764243
Conc: 487.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724



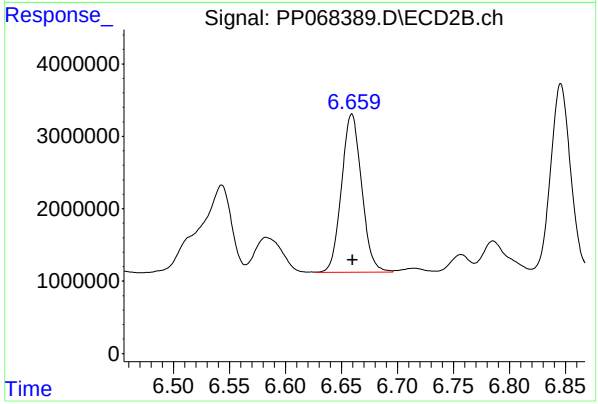
#7 AR-1016-5

R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 14955338
Conc: 504.53 ng/ml



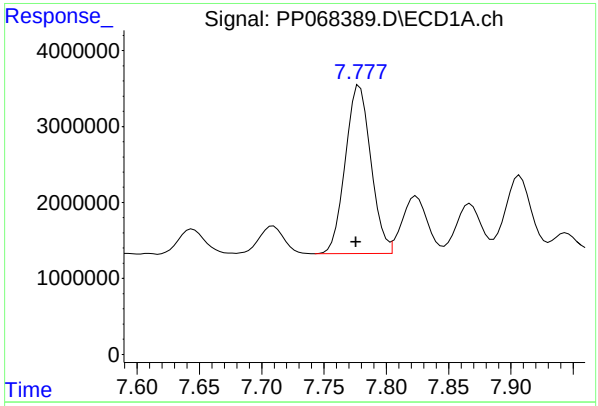
#31 AR-1260-1

R.T.: 7.525 min
Delta R.T.: 0.002 min
Response: 26825477
Conc: 495.81 ng/ml



#31 AR-1260-1

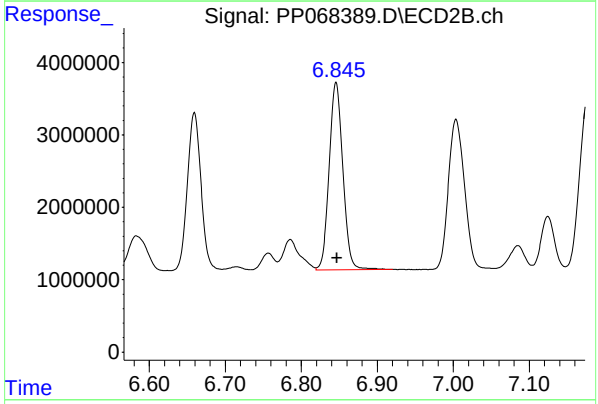
R.T.: 6.659 min
Delta R.T.: 0.000 min
Response: 27348225
Conc: 491.44 ng/ml



#32 AR-1260-2

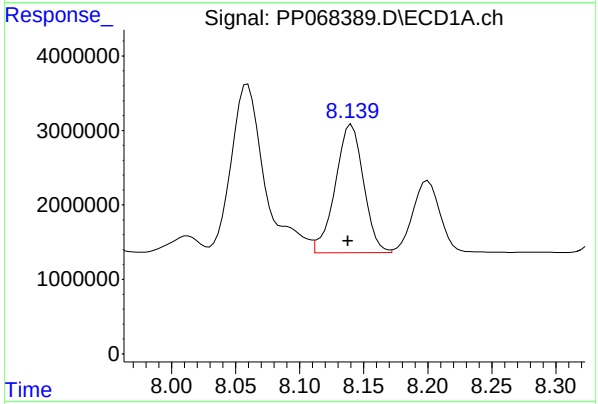
R.T.: 7.779 min
Delta R.T.: 0.003 min
Response: 31517726
Conc: 495.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724



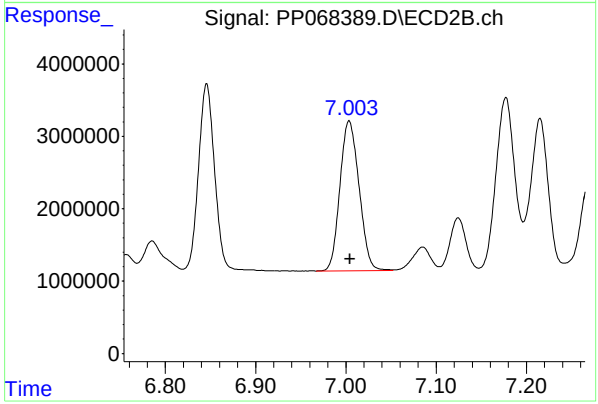
#32 AR-1260-2

R.T.: 6.846 min
Delta R.T.: -0.001 min
Response: 32270778
Conc: 487.21 ng/ml



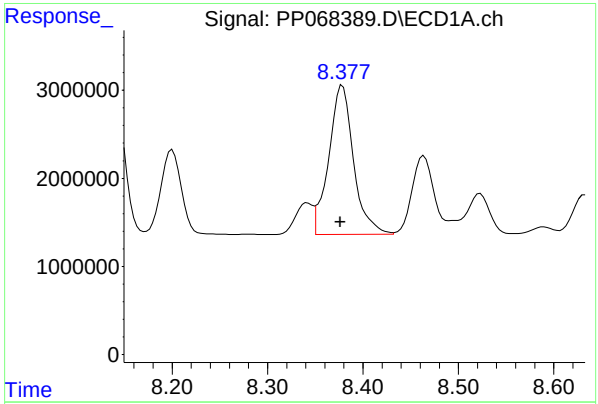
#33 AR-1260-3

R.T.: 8.140 min
Delta R.T.: 0.003 min
Response: 26454192
Conc: 491.79 ng/ml



#33 AR-1260-3

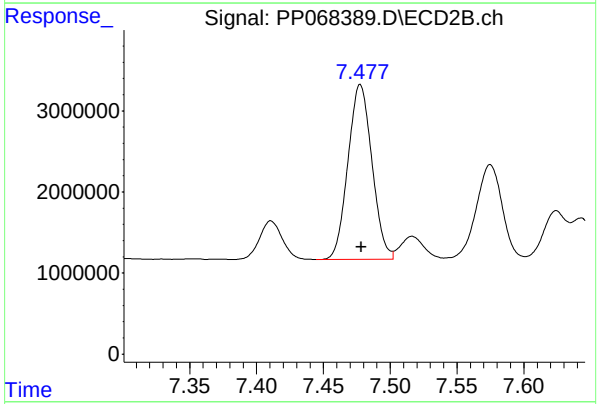
R.T.: 7.004 min
Delta R.T.: 0.000 min
Response: 30459045
Conc: 492.14 ng/ml



#34 AR-1260-4

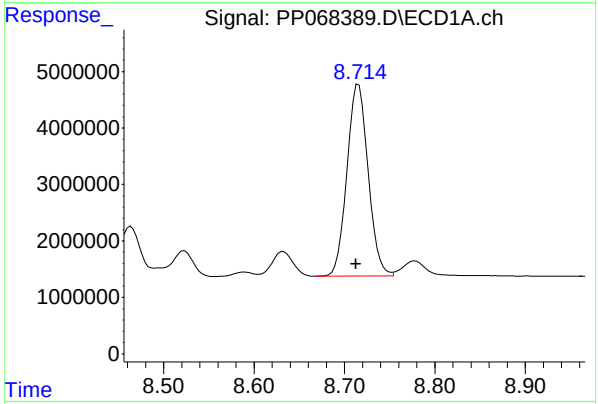
R.T.: 8.378 min
Delta R.T.: 0.002 min
Response: 30546748
Conc: 490.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724



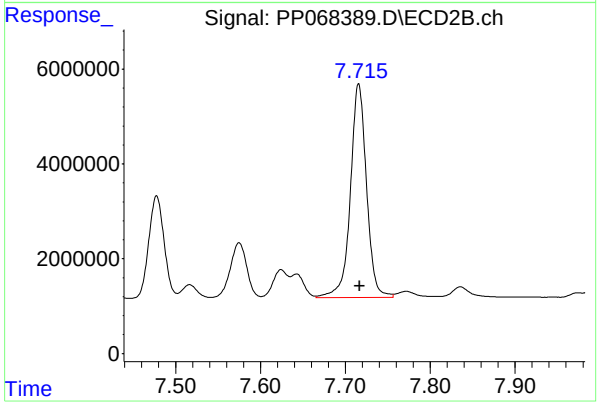
#34 AR-1260-4

R.T.: 7.478 min
Delta R.T.: 0.000 min
Response: 27029925
Conc: 512.54 ng/ml



#35 AR-1260-5

R.T.: 8.716 min
Delta R.T.: 0.003 min
Response: 55319213
Conc: 488.75 ng/ml



#35 AR-1260-5

R.T.: 7.716 min
Delta R.T.: -0.001 min
Response: 59679497
Conc: 501.19 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068390.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 11:12
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1242

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 11:23:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.756	4.050	50275844	51121712	51.798	52.796
2)	SA Decachlor...	10.669	9.209	64384965	58737597	51.447	51.926
	Target Compounds						
16)	L4 AR-1242-1	5.920	5.157	15636105	14588135	523.411	524.946
17)	L4 AR-1242-2	5.942	5.177	23125277	20110329	524.358	520.655
18)	L4 AR-1242-3	6.006	5.358	14876978	10966167	534.020	515.326
19)	L4 AR-1242-4	6.103	5.441	11804561	12039278	539.514m	528.185
20)	L4 AR-1242-5	6.837	5.970	12699812	14368026	523.048m	523.400m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068390.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 11:12
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

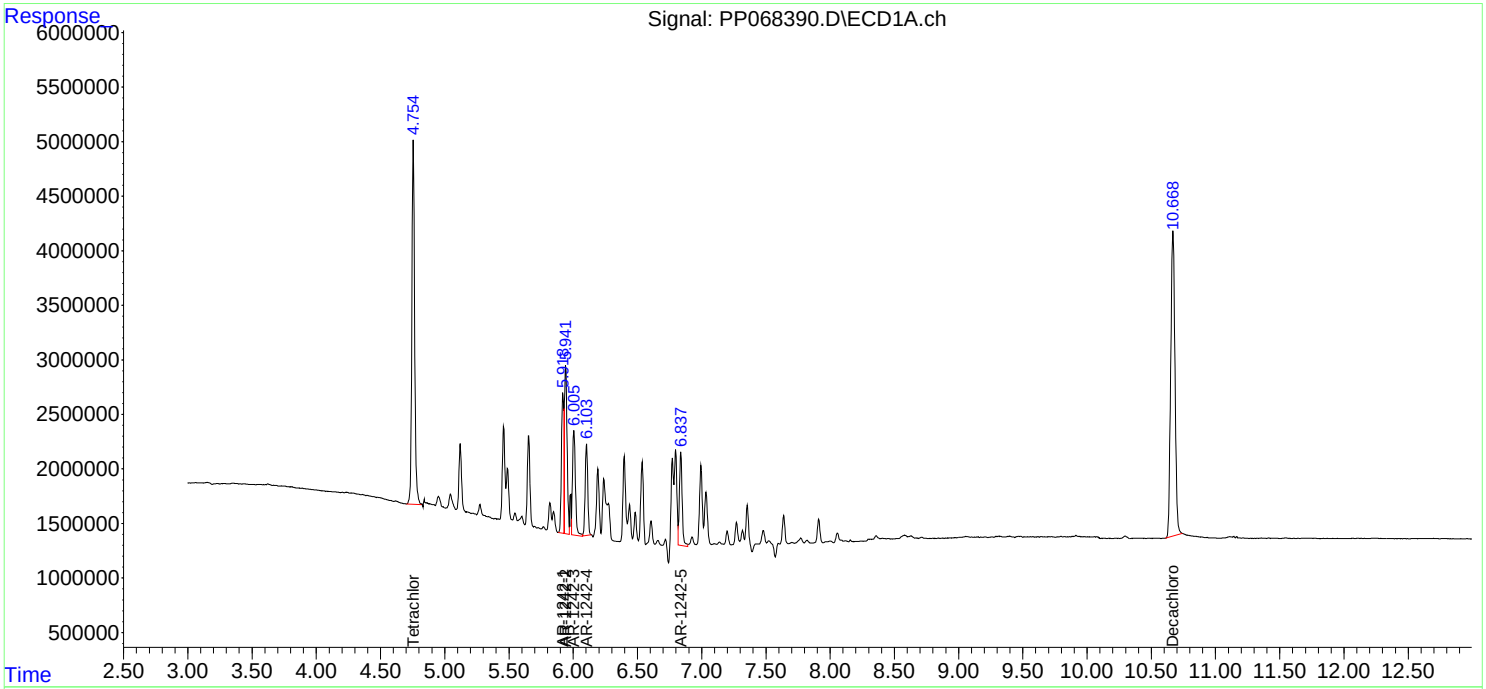
Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1242

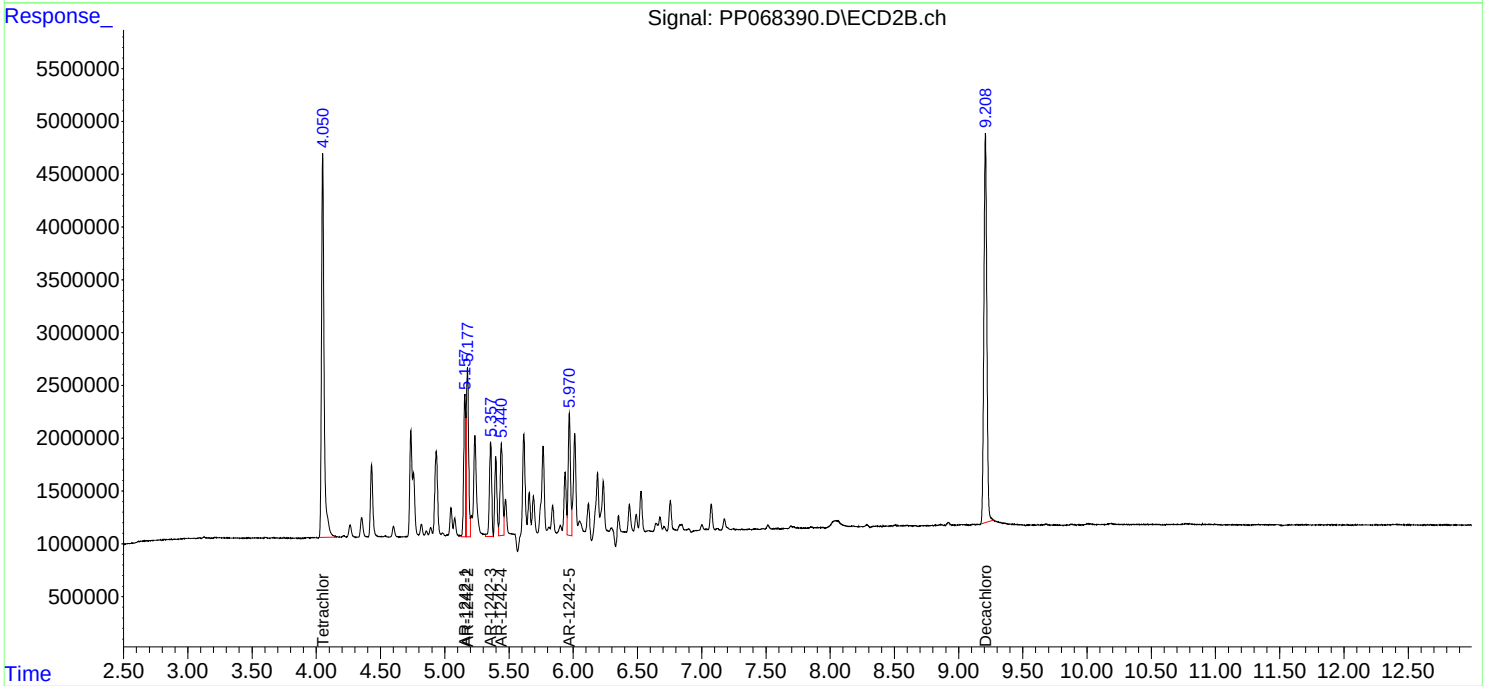
Manual Integrations APPROVED

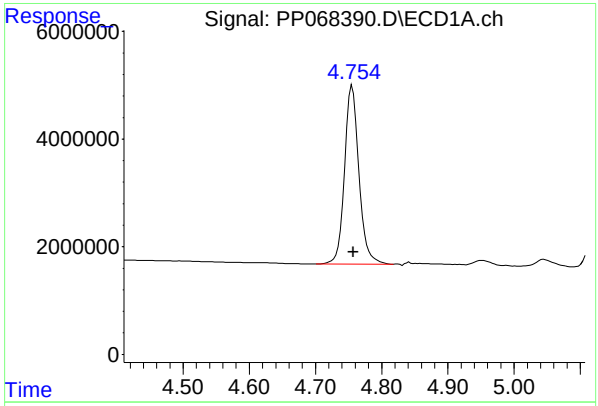
Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 11:23:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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







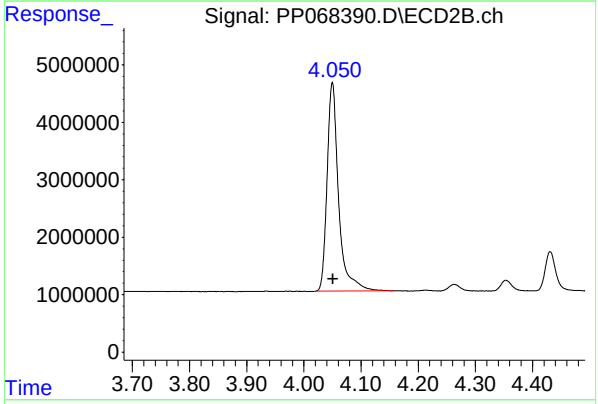
#1 Tetrachloro-m-xylene

R.T.: 4.756 min
Delta R.T.: -0.001 min
Response: 50275844
Conc: 51.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1242

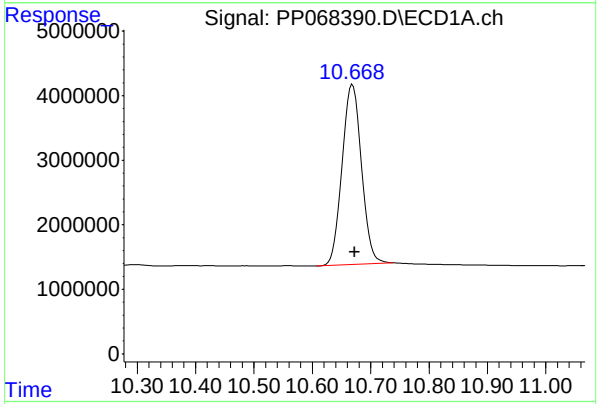
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



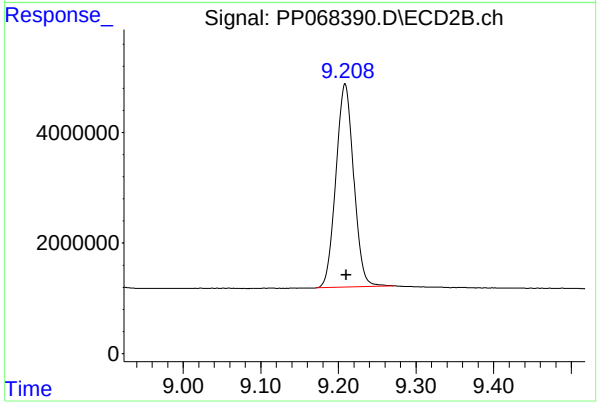
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: -0.001 min
Response: 51121712
Conc: 52.80 ng/ml



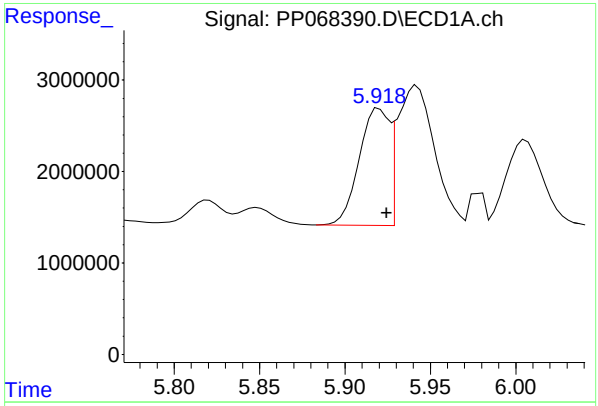
#2 Decachlorobiphenyl

R.T.: 10.669 min
Delta R.T.: -0.003 min
Response: 64384965
Conc: 51.45 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.209 min
Delta R.T.: -0.001 min
Response: 58737597
Conc: 51.93 ng/ml



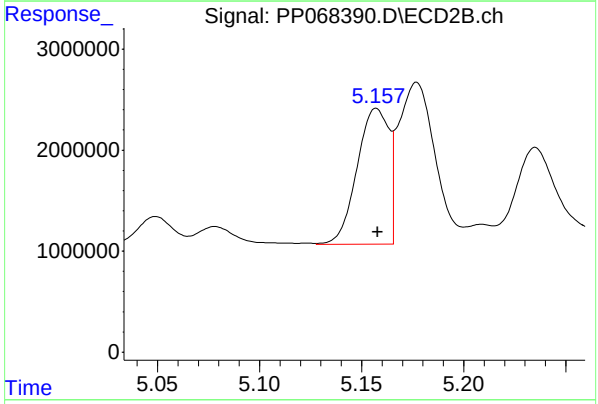
#16 AR-1242-1

R.T.: 5.920 min
Delta R.T.: -0.004 min
Response: 15636105
Conc: 523.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1242

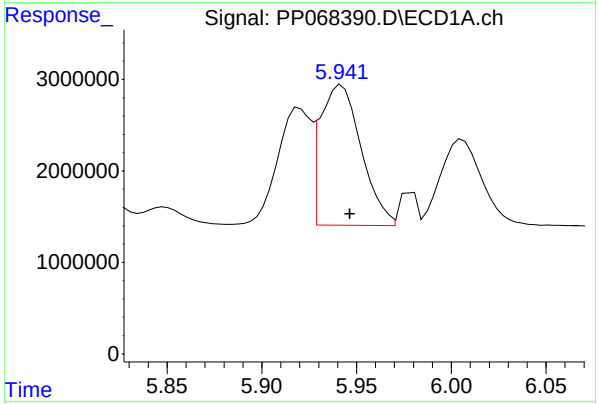
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



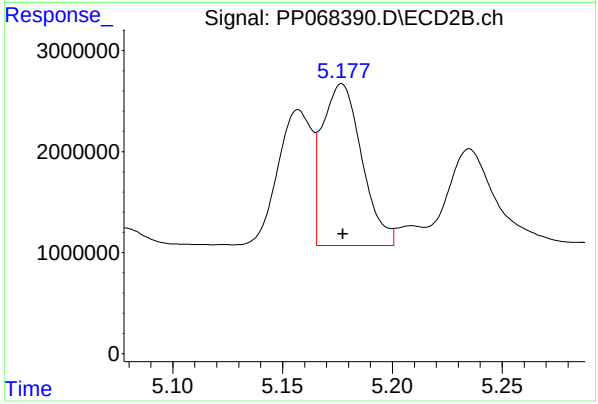
#16 AR-1242-1

R.T.: 5.157 min
Delta R.T.: 0.000 min
Response: 14588135
Conc: 524.95 ng/ml



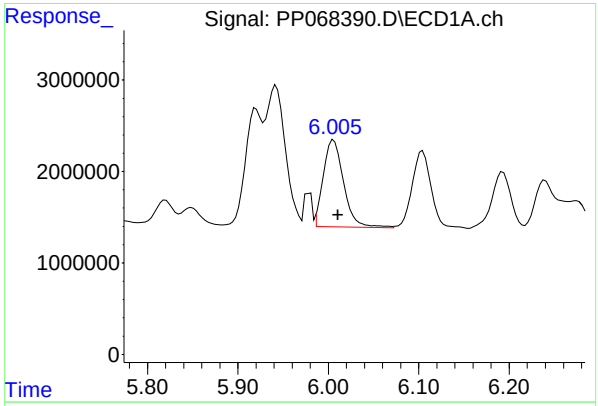
#17 AR-1242-2

R.T.: 5.942 min
Delta R.T.: -0.004 min
Response: 23125277
Conc: 524.36 ng/ml



#17 AR-1242-2

R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 20110329
Conc: 520.65 ng/ml



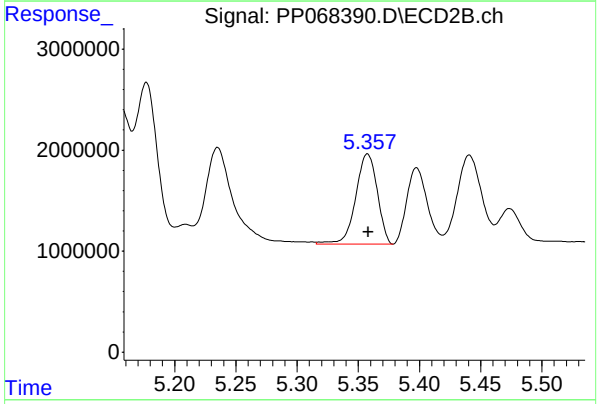
#18 AR-1242-3

R.T.: 6.006 min
Delta R.T.: -0.004 mi
Response: 14876978
Conc: 534.02 ng/m

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1242

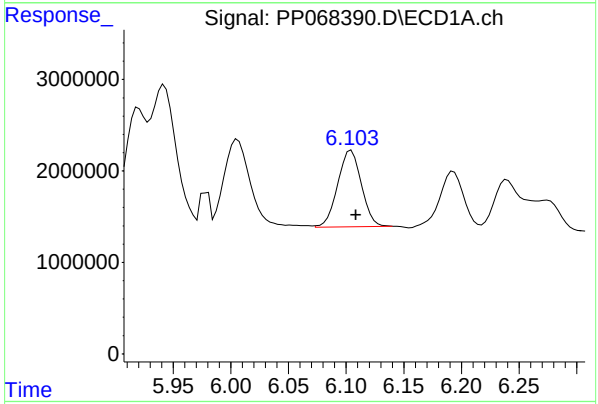
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



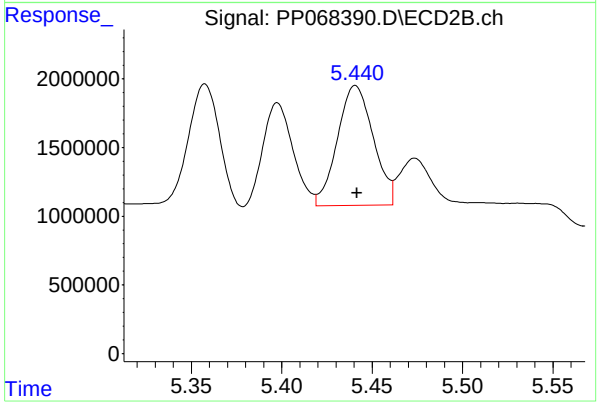
#18 AR-1242-3

R.T.: 5.358 min
Delta R.T.: 0.000 min
Response: 10966167
Conc: 515.33 ng/ml



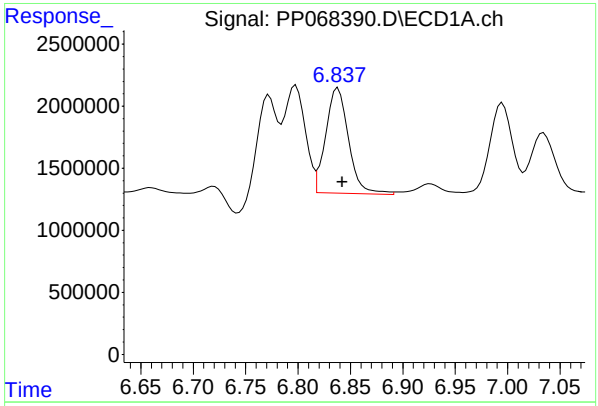
#19 AR-1242-4

R.T.: 6.103 min
Delta R.T.: -0.006 min
Response: 11804561
Conc: 539.51 ng/ml m



#19 AR-1242-4

R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 12039278
Conc: 528.18 ng/ml



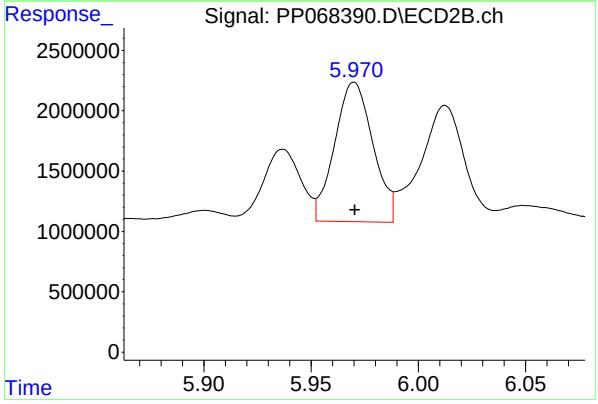
#20 AR-1242-5

R.T.: 6.837 min
Delta R.T.: -0.006 mi
Response: 12699812
Conc: 523.05 ng/m

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1242

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



#20 AR-1242-5

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 14368026
Conc: 523.40 ng/ml m

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068391.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 11:28
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 11:47:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.759	4.050	53033933	51210314	54.640	52.887
2)	SA Decachlor...	10.675	9.209	64595046	59986046	51.615	53.030
	Target Compounds						
21)	L5 AR-1248-1	5.924	5.157	11935864	11676003	528.968	534.433
22)	L5 AR-1248-2	6.197	5.397	17293214	17129241	514.516	535.807
23)	L5 AR-1248-3	6.401	5.441	19211485	18111526	526.116	540.510
24)	L5 AR-1248-4	6.802	5.616	20610885	20272318	481.724	522.095
25)	L5 AR-1248-5	6.842	6.013	19878881	19135378	478.557	516.220

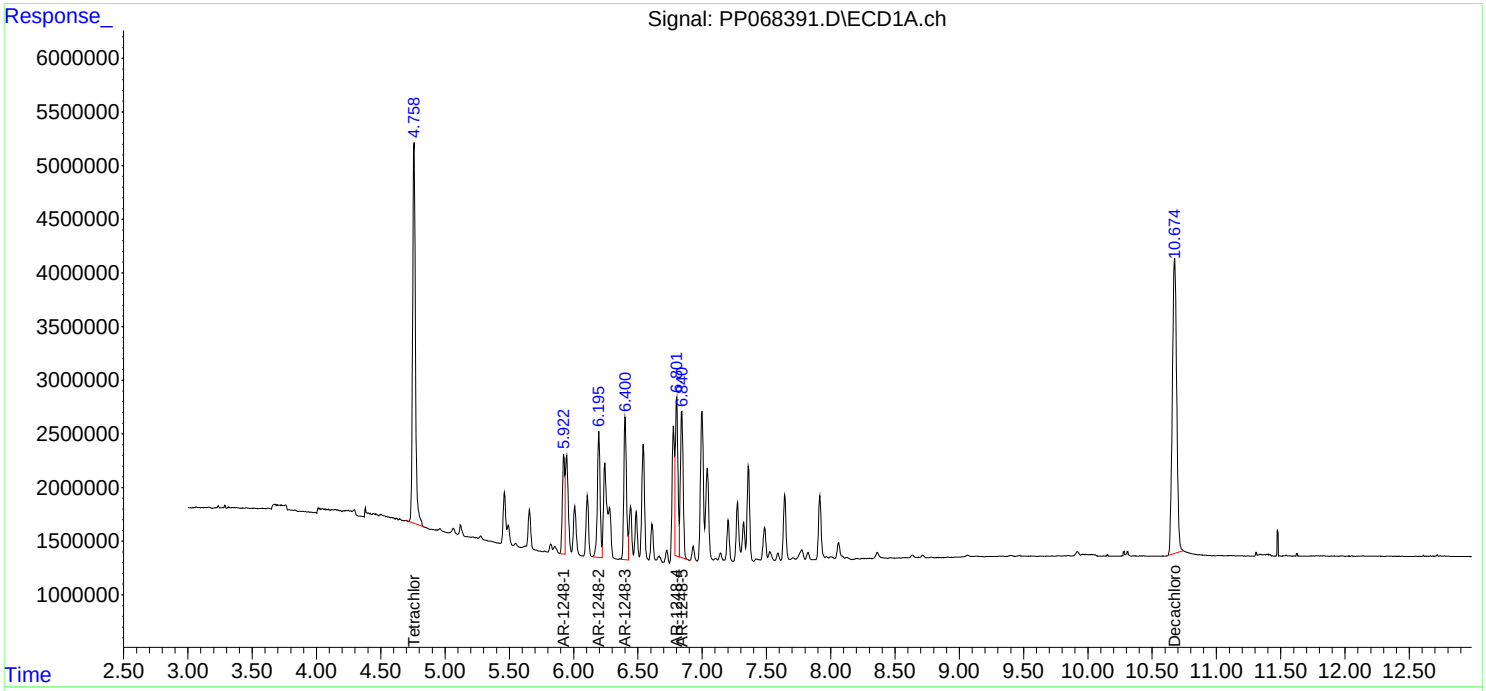
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

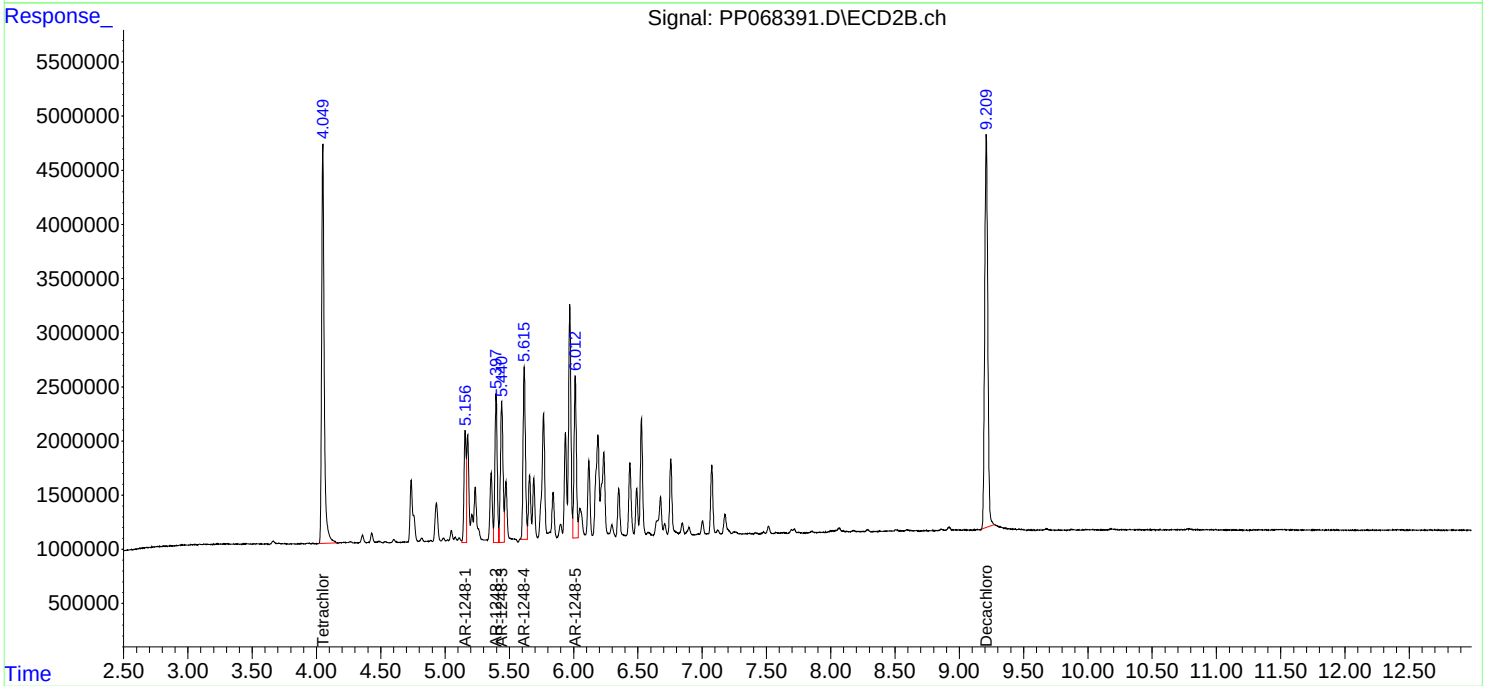
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068391.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 11:28
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

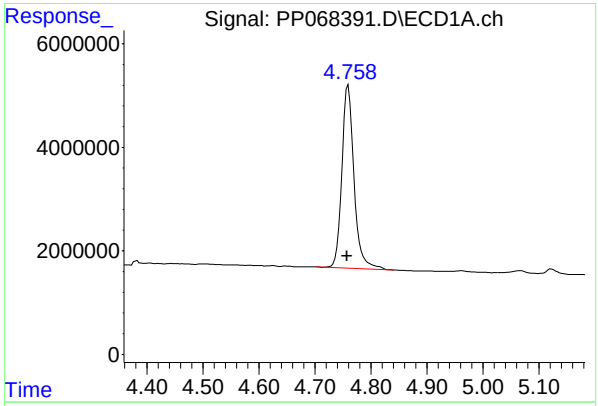
Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 11:47:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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



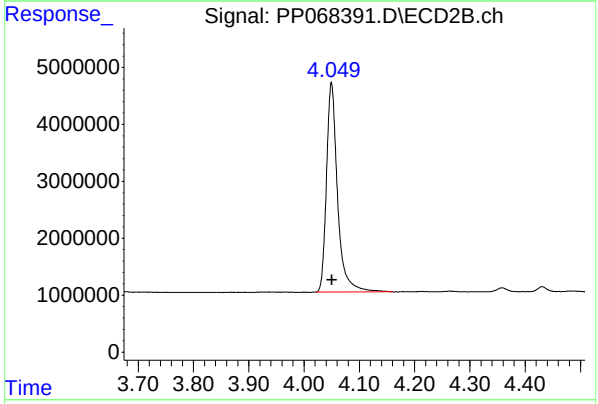




#1 Tetrachloro-m-xylene

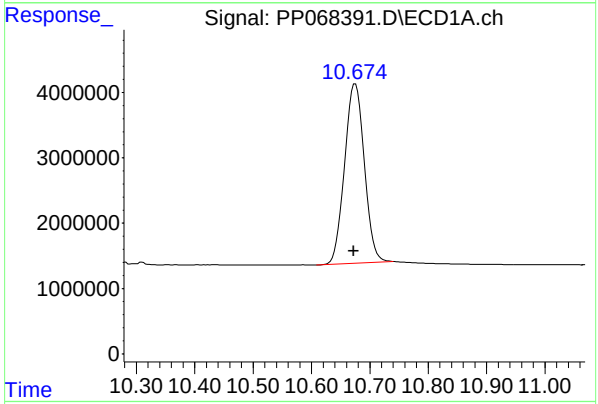
R.T.: 4.759 min
Delta R.T.: 0.002 min
Response: 53033933
Conc: 54.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1248



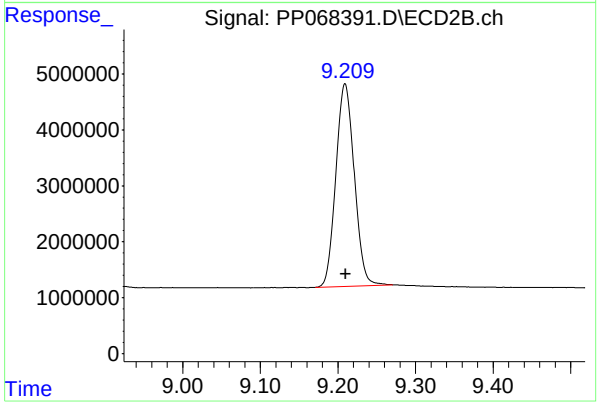
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: -0.001 min
Response: 51210314
Conc: 52.89 ng/ml



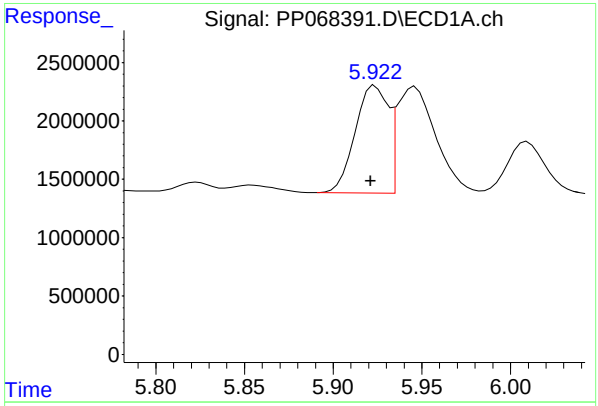
#2 Decachlorobiphenyl

R.T.: 10.675 min
Delta R.T.: 0.003 min
Response: 64595046
Conc: 51.61 ng/ml



#2 Decachlorobiphenyl

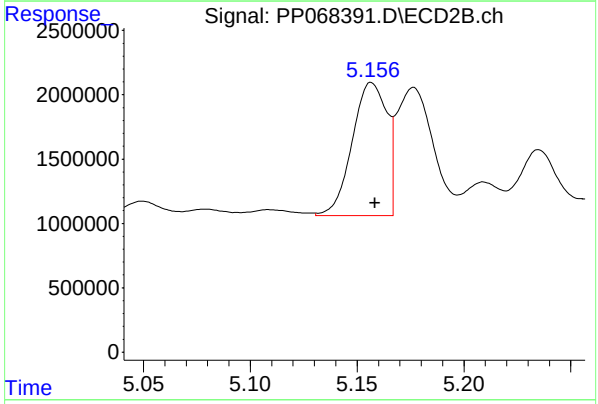
R.T.: 9.209 min
Delta R.T.: 0.000 min
Response: 59986046
Conc: 53.03 ng/ml



#21 AR-1248-1

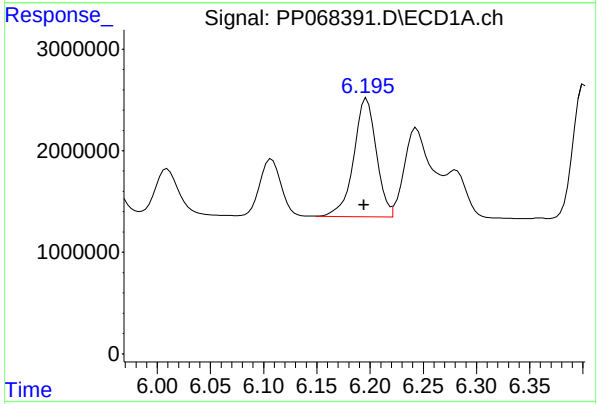
R.T.: 5.924 min
Delta R.T.: 0.003 min
Response: 11935864
Conc: 528.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1248



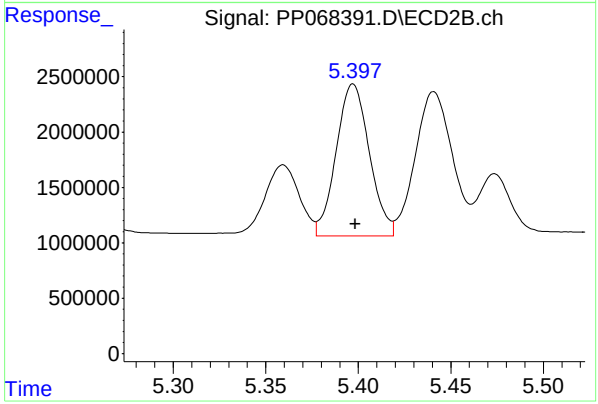
#21 AR-1248-1

R.T.: 5.157 min
Delta R.T.: -0.002 min
Response: 11676003
Conc: 534.43 ng/ml



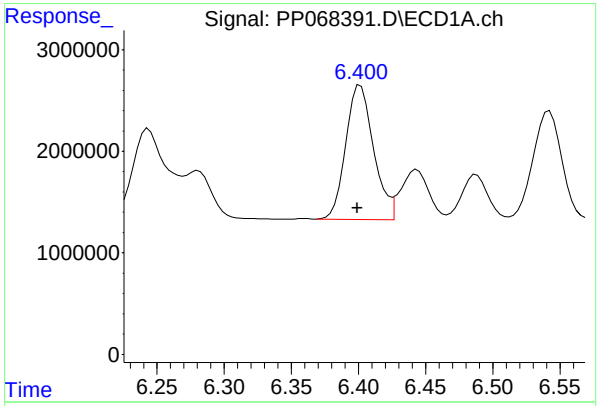
#22 AR-1248-2

R.T.: 6.197 min
Delta R.T.: 0.002 min
Response: 17293214
Conc: 514.52 ng/ml



#22 AR-1248-2

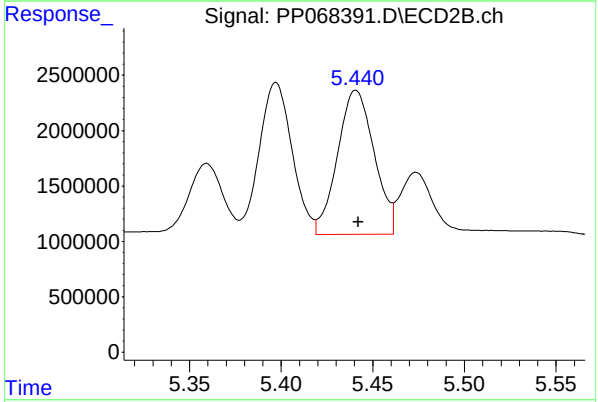
R.T.: 5.397 min
Delta R.T.: -0.001 min
Response: 17129241
Conc: 535.81 ng/ml



#23 AR-1248-3

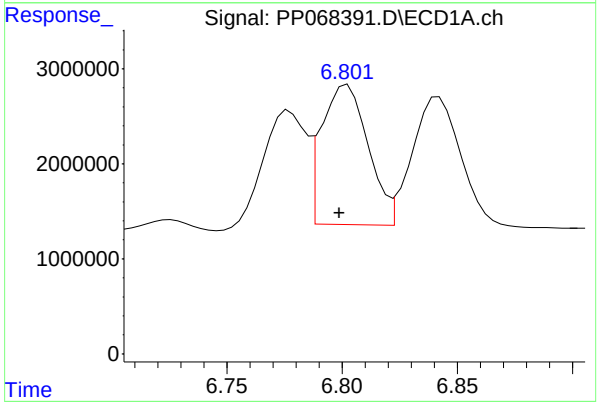
R.T.: 6.401 min
Delta R.T.: 0.002 min
Response: 19211485
Conc: 526.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1248



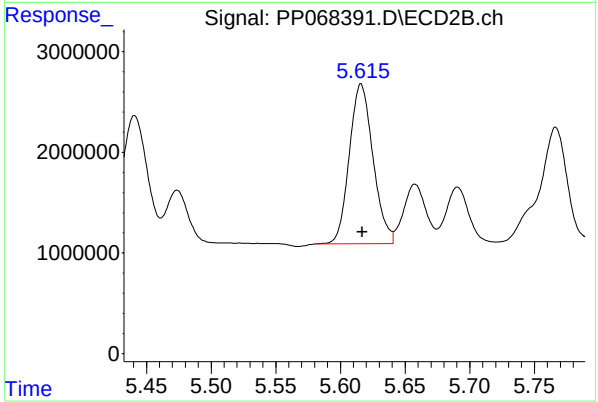
#23 AR-1248-3

R.T.: 5.441 min
Delta R.T.: -0.001 min
Response: 18111526
Conc: 540.51 ng/ml



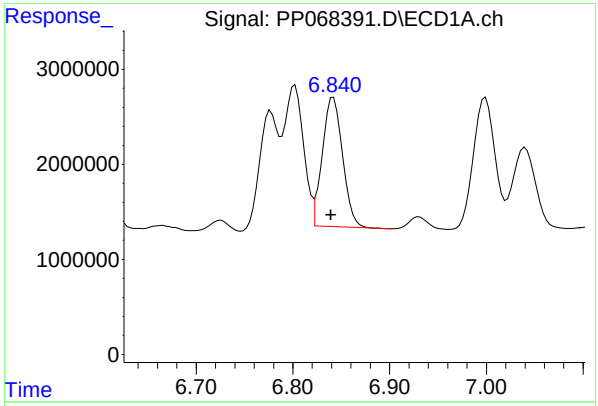
#24 AR-1248-4

R.T.: 6.802 min
Delta R.T.: 0.003 min
Response: 20610885
Conc: 481.72 ng/ml



#24 AR-1248-4

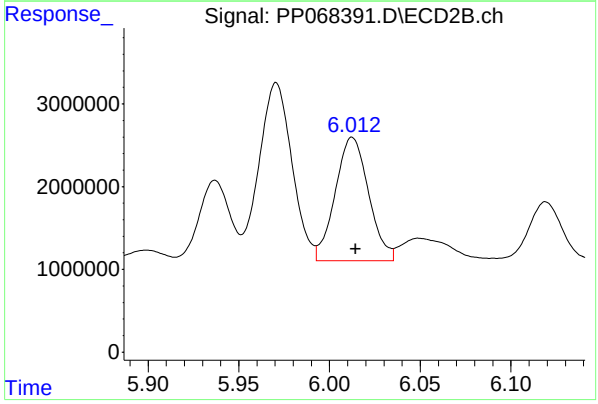
R.T.: 5.616 min
Delta R.T.: -0.001 min
Response: 20272318
Conc: 522.09 ng/ml



#25 AR-1248-5

R.T.: 6.842 min
Delta R.T.: 0.002 min
Response: 19878881
Conc: 478.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1248



#25 AR-1248-5

R.T.: 6.013 min
Delta R.T.: -0.002 min
Response: 19135378
Conc: 516.22 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068392.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 11:45
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1254

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 12:01:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.756	4.049	49771307	50055306	51.278	51.695
2)	SA Decachlor...	10.670	9.208	64599990	60296903	51.619	53.304
	Target Compounds						
26)	L6 AR-1254-1	6.774	5.971	29316633	34473417	565.016m	568.475
27)	L6 AR-1254-2	6.993	6.118	34878260	28264573	511.130	535.971
28)	L6 AR-1254-3	7.357	6.528	37589018	44409341	526.029	533.374
29)	L6 AR-1254-4	7.639	6.756	28724975	25764643	533.780m	529.836
30)	L6 AR-1254-5	8.057	7.177	31170873	37295416	497.407m	499.713

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

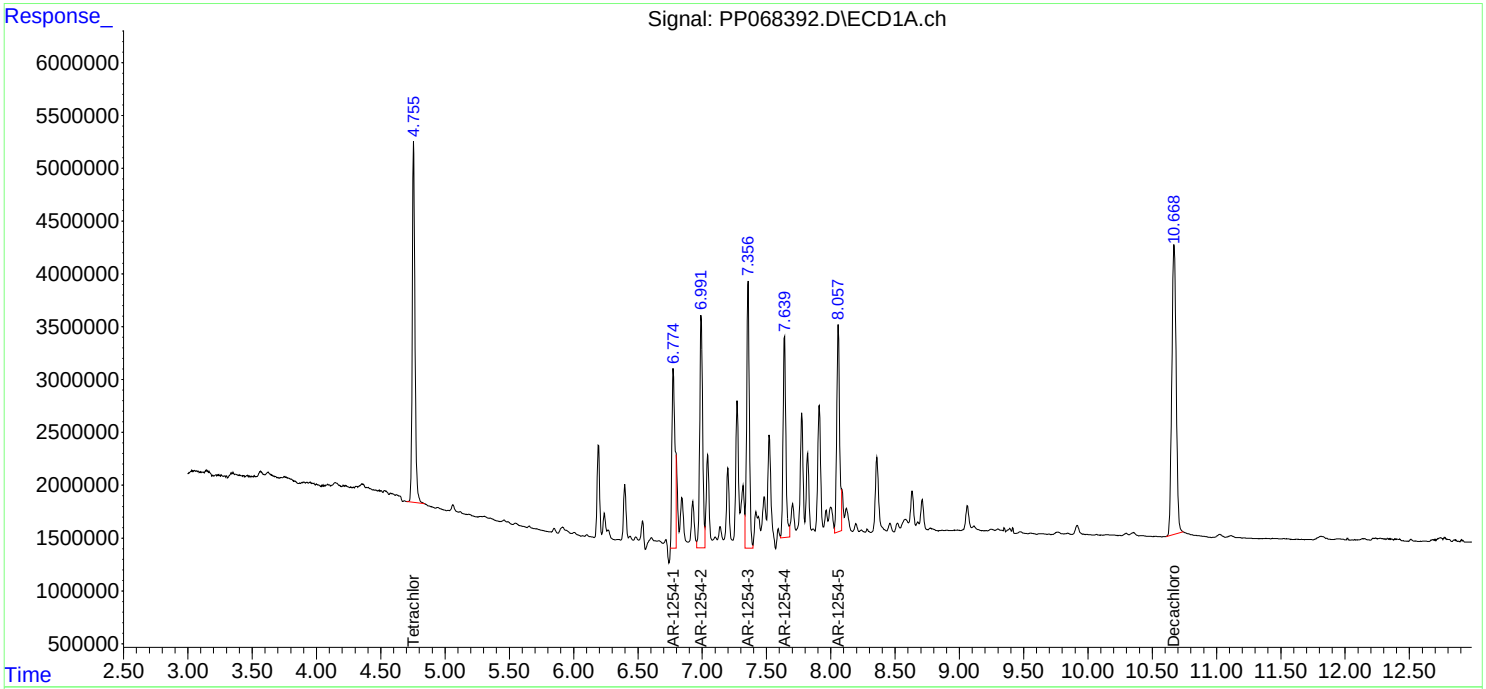
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068392.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 11:45
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

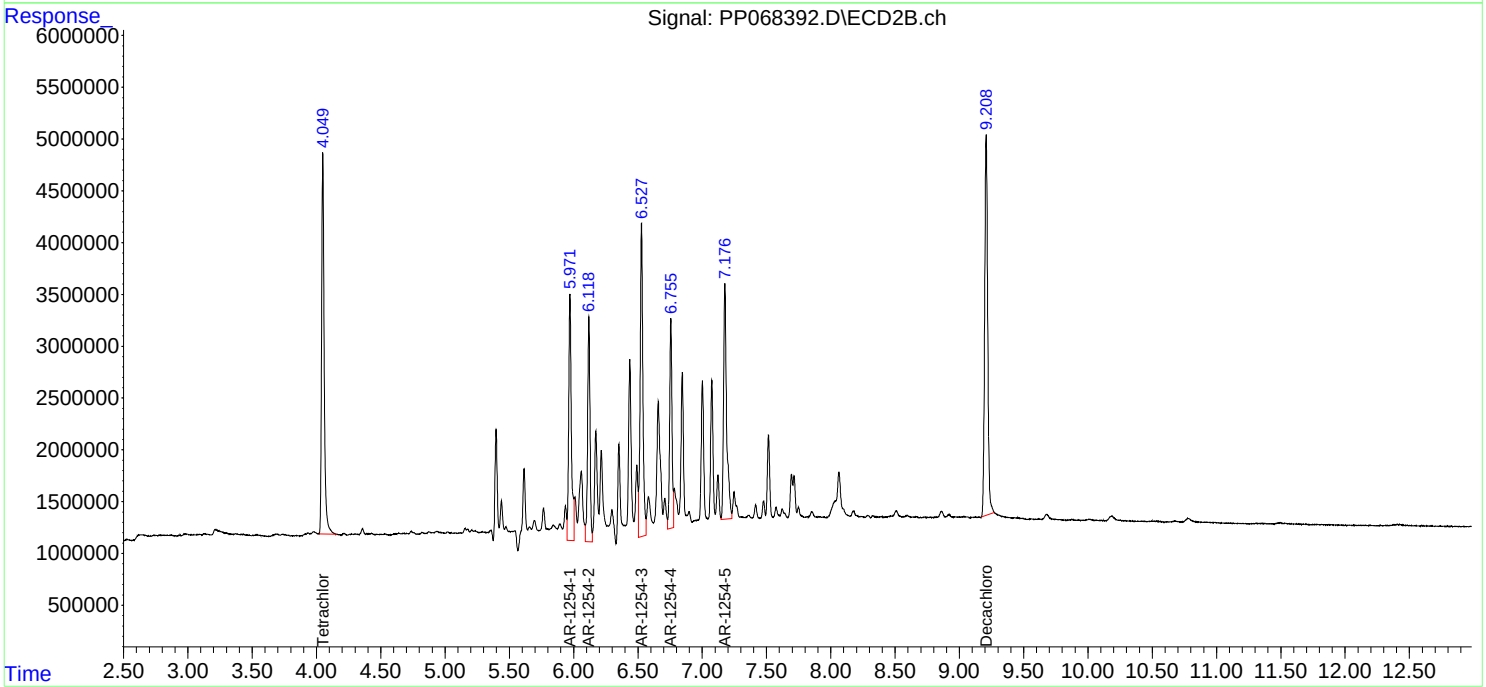
Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1254

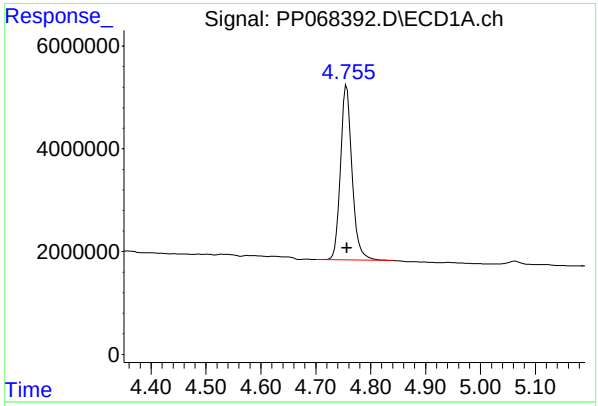
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 12:01:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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







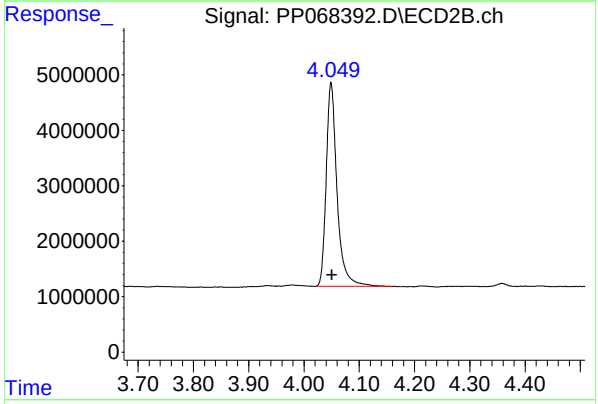
#1 Tetrachloro-m-xylene

R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 49771307
Conc: 51.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1254

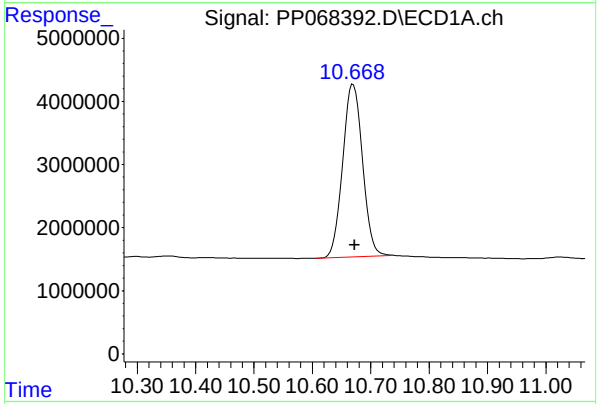
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



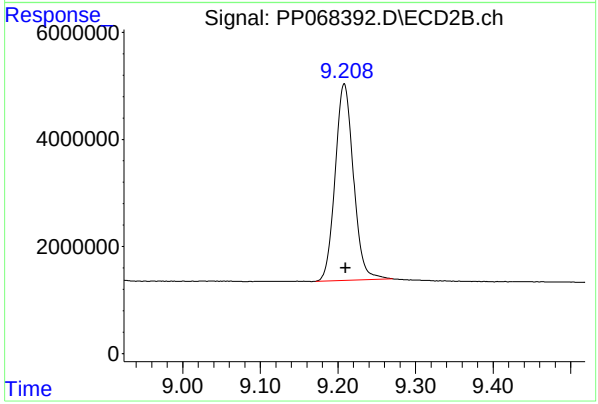
#1 Tetrachloro-m-xylene

R.T.: 4.049 min
Delta R.T.: -0.002 min
Response: 50055306
Conc: 51.69 ng/ml



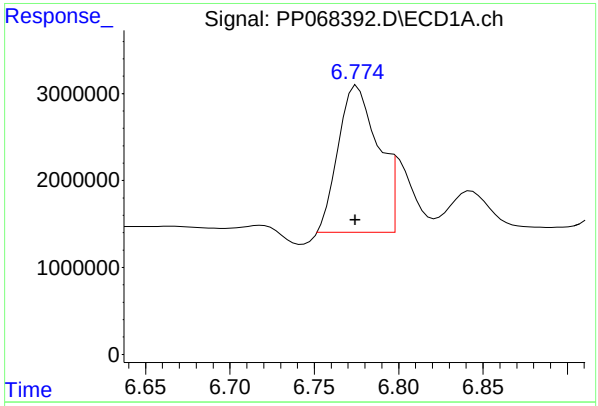
#2 Decachlorobiphenyl

R.T.: 10.670 min
Delta R.T.: -0.002 min
Response: 64599990
Conc: 51.62 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.208 min
Delta R.T.: -0.002 min
Response: 60296903
Conc: 53.30 ng/ml



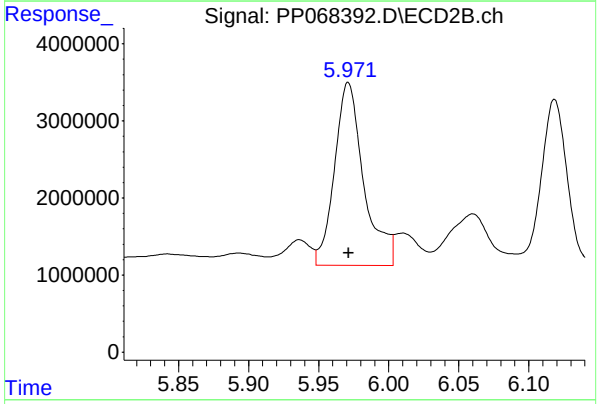
#26 AR-1254-1

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 29316633
Conc: 565.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1254

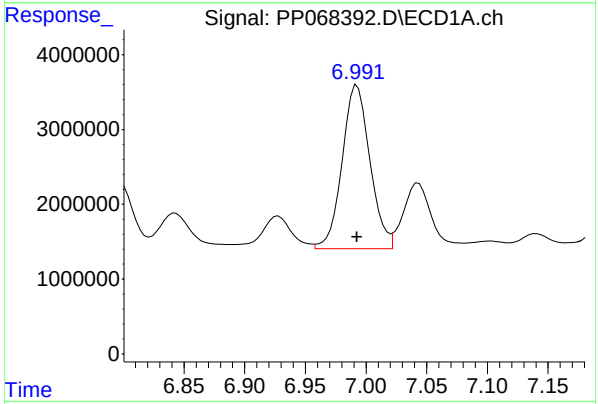
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



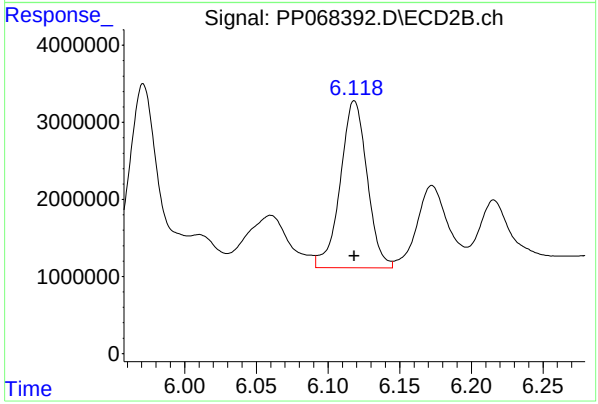
#26 AR-1254-1

R.T.: 5.971 min
Delta R.T.: 0.000 min
Response: 34473417
Conc: 568.48 ng/ml



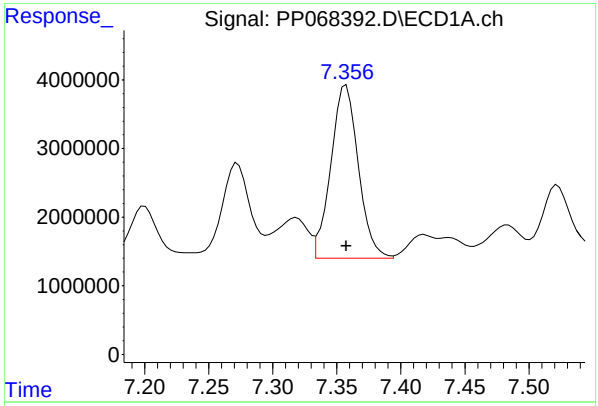
#27 AR-1254-2

R.T.: 6.993 min
Delta R.T.: 0.000 min
Response: 34878260
Conc: 511.13 ng/ml



#27 AR-1254-2

R.T.: 6.118 min
Delta R.T.: 0.000 min
Response: 28264573
Conc: 535.97 ng/ml



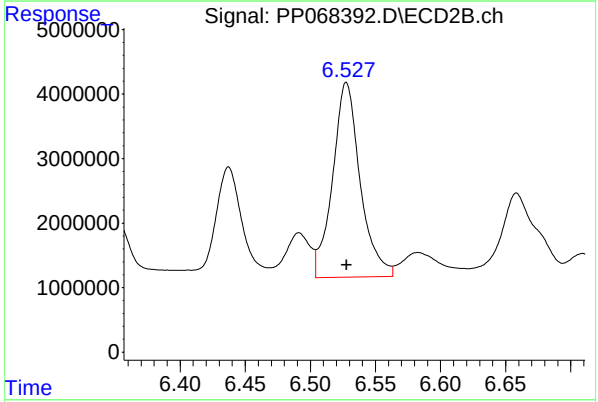
#28 AR-1254-3

R.T.: 7.357 min
Delta R.T.: 0.000 min
Response: 37589018
Conc: 526.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1254

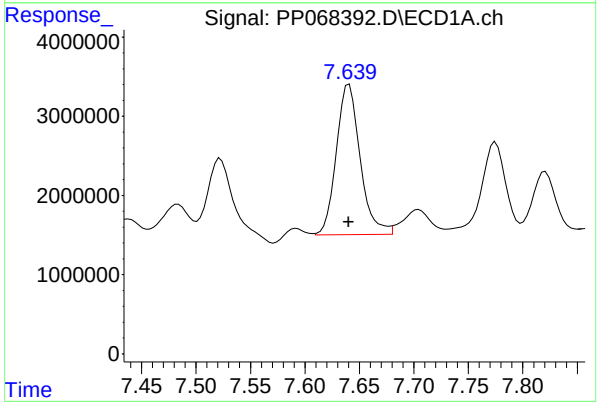
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



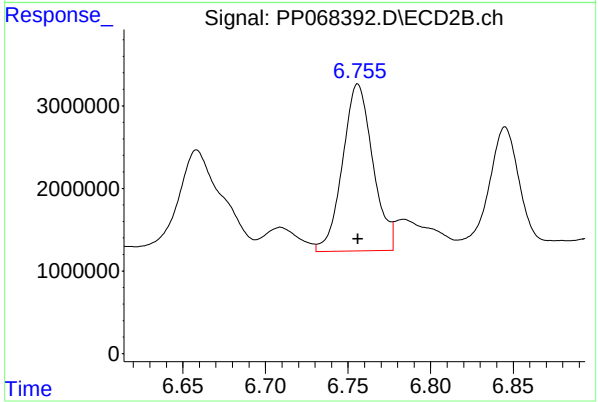
#28 AR-1254-3

R.T.: 6.528 min
Delta R.T.: 0.000 min
Response: 44409341
Conc: 533.37 ng/ml



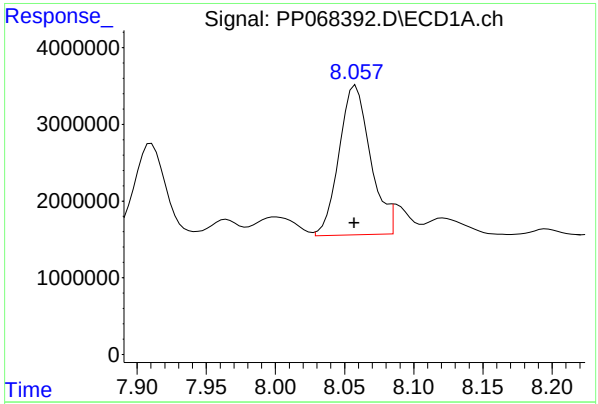
#29 AR-1254-4

R.T.: 7.639 min
Delta R.T.: -0.001 min
Response: 28724975
Conc: 533.78 ng/ml m



#29 AR-1254-4

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 25764643
Conc: 529.84 ng/ml



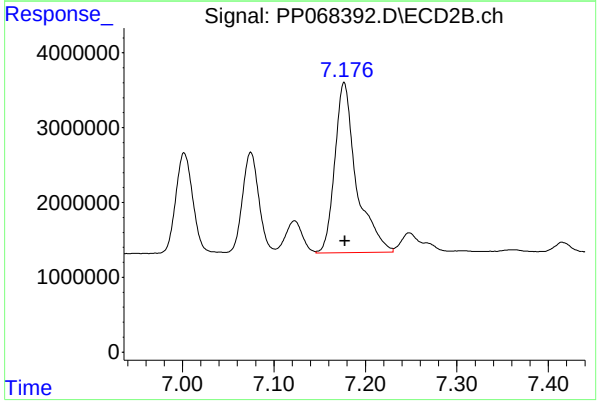
#30 AR-1254-5

R.T.: 8.057 min
Delta R.T.: 0.000 min
Response: 31170873
Conc: 497.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1254

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



#30 AR-1254-5

R.T.: 7.177 min
Delta R.T.: 0.000 min
Response: 37295416
Conc: 499.71 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068393.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 12:01
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1268

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 12:20:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.757	4.050	50376429	49328950	51.902	50.944
2)	SA Decachlor...	10.672	9.210	102.9E6	96062002	82.227	84.922
	Target Compounds						
41)	L9 AR-1268-1	9.048	8.002	77062249	79343717	499.451m	509.495
42)	L9 AR-1268-2	9.150	8.067	70702887	73179227	505.068	516.953
43)	L9 AR-1268-3	9.398	8.286	63406726	62074565	504.637m	498.532
44)	L9 AR-1268-4	9.848	8.594	28417537	28016994	531.799	513.091
45)	L9 AR-1268-5	10.300	8.920	198.2E6	189.6E6	499.329	503.420

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068393.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 12:01
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

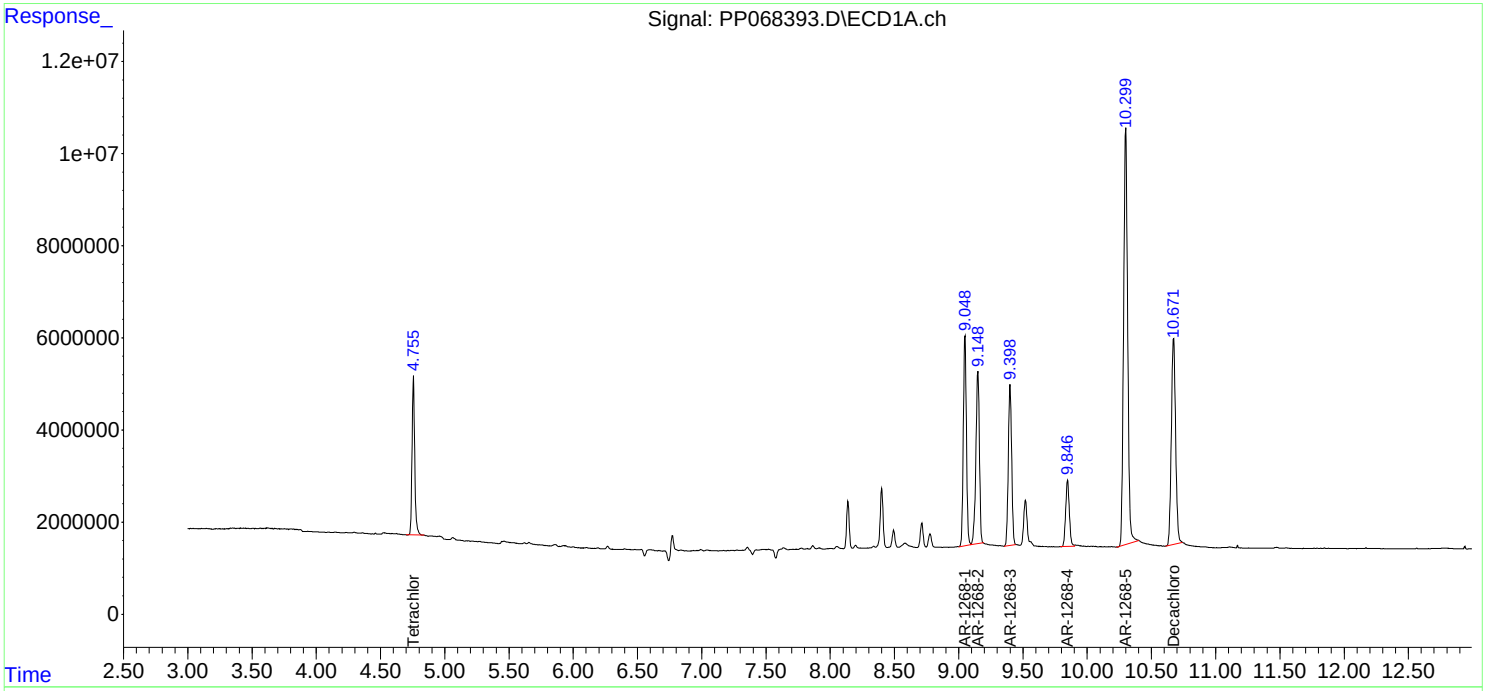
Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1268

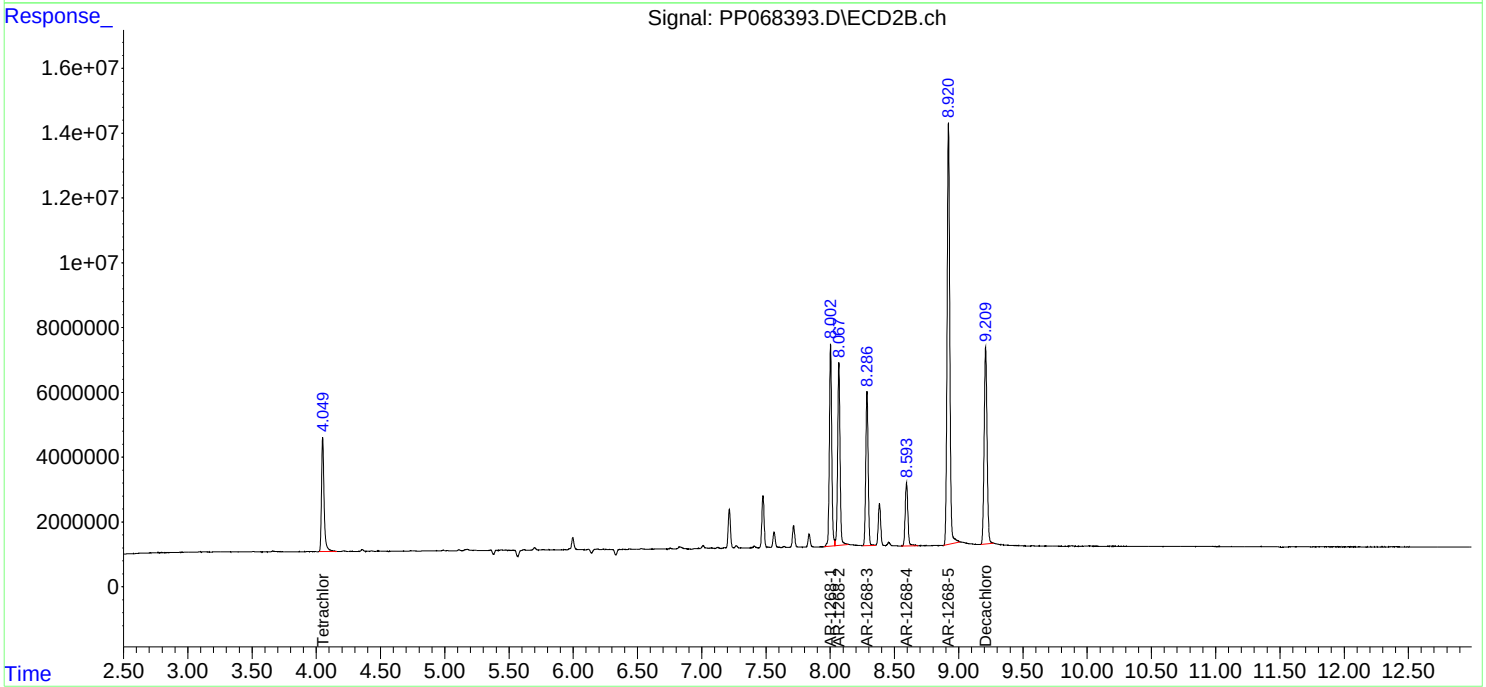
Manual Integrations APPROVED

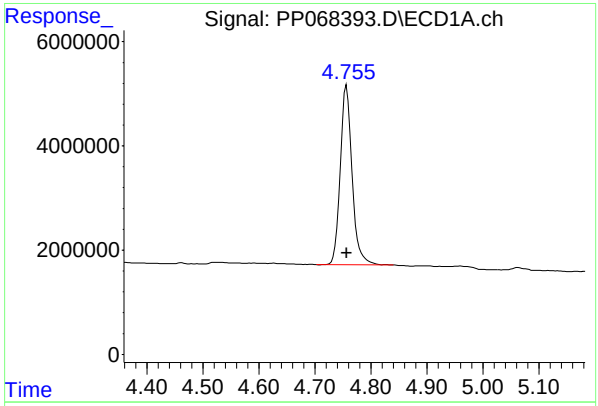
Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 12:20:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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







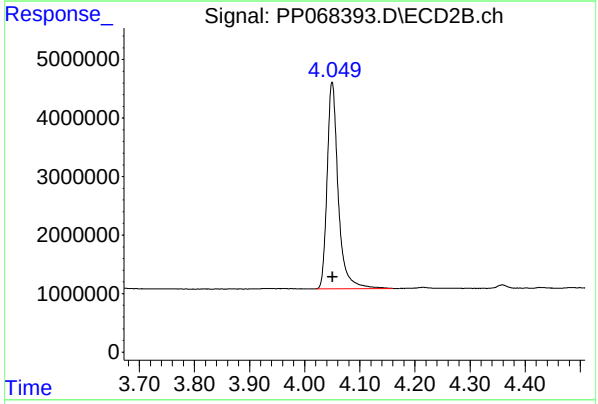
#1 Tetrachloro-m-xylene

R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 50376429
Conc: 51.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1268

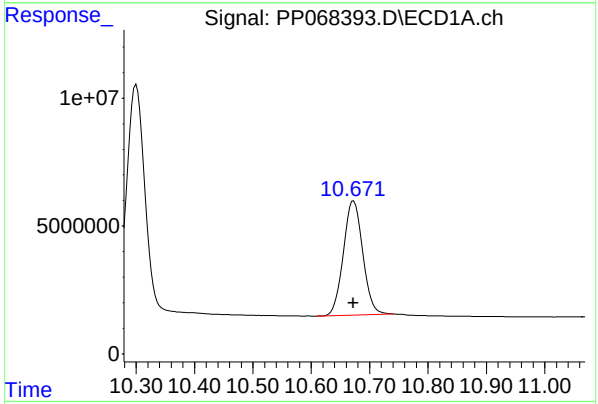
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



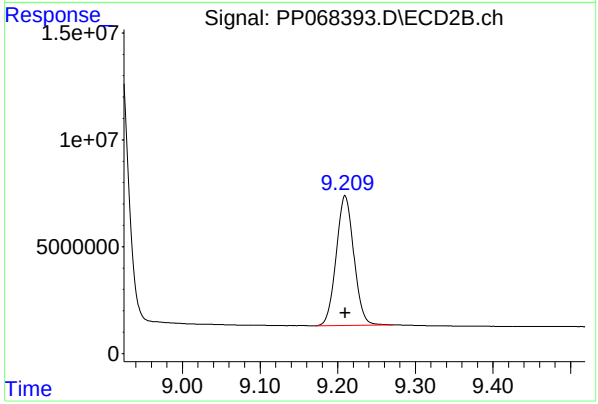
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: -0.001 min
Response: 49328950
Conc: 50.94 ng/ml



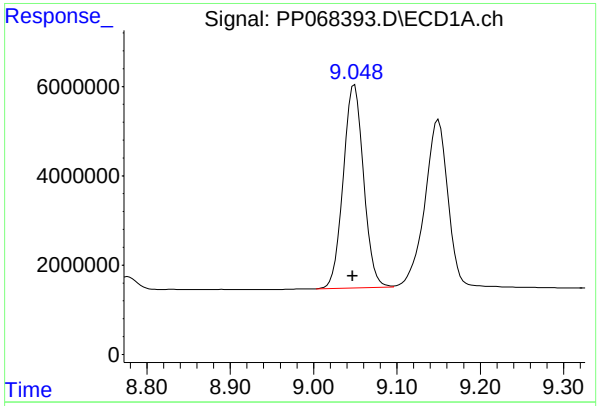
#2 Decachlorobiphenyl

R.T.: 10.672 min
Delta R.T.: 0.000 min
Response: 102905974
Conc: 82.23 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.210 min
Delta R.T.: 0.000 min
Response: 96062002
Conc: 84.92 ng/ml



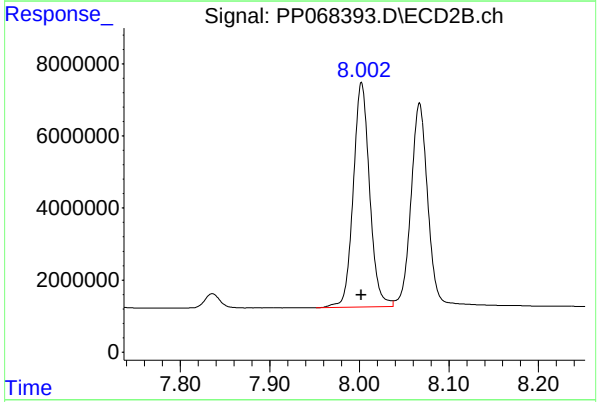
#41 AR-1268-1

R.T.: 9.048 min
Delta R.T.: 0.001 min
Response: 77062249
Conc: 499.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1268

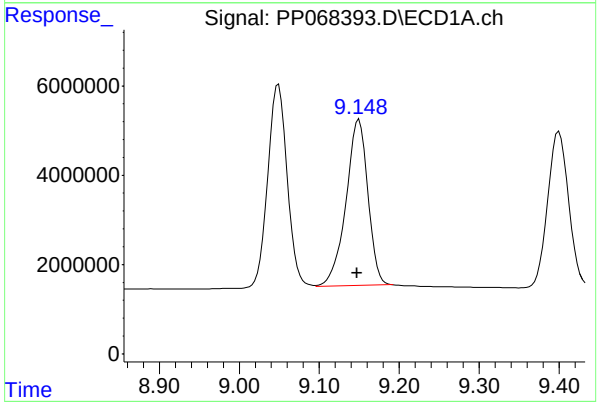
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



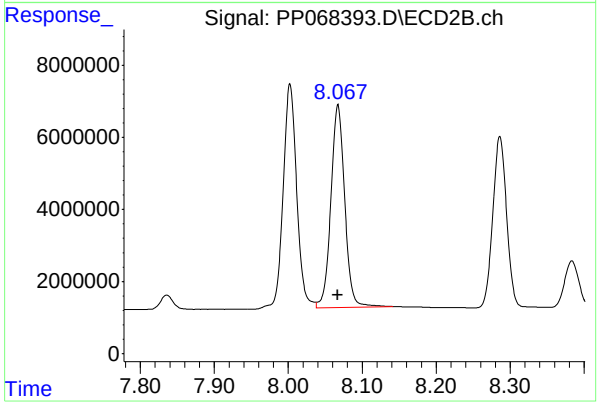
#41 AR-1268-1

R.T.: 8.002 min
Delta R.T.: 0.000 min
Response: 79343717
Conc: 509.50 ng/ml



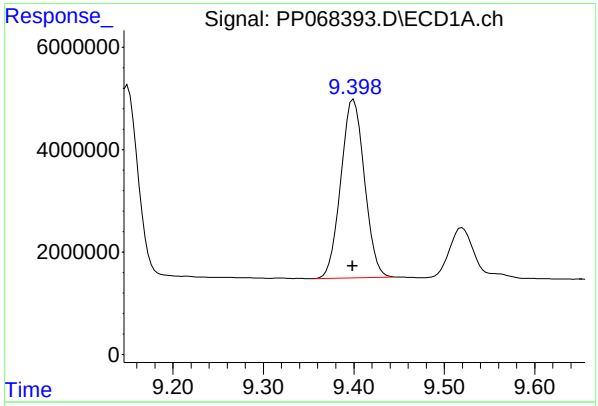
#42 AR-1268-2

R.T.: 9.150 min
Delta R.T.: 0.002 min
Response: 70702887
Conc: 505.07 ng/ml



#42 AR-1268-2

R.T.: 8.067 min
Delta R.T.: 0.000 min
Response: 73179227
Conc: 516.95 ng/ml



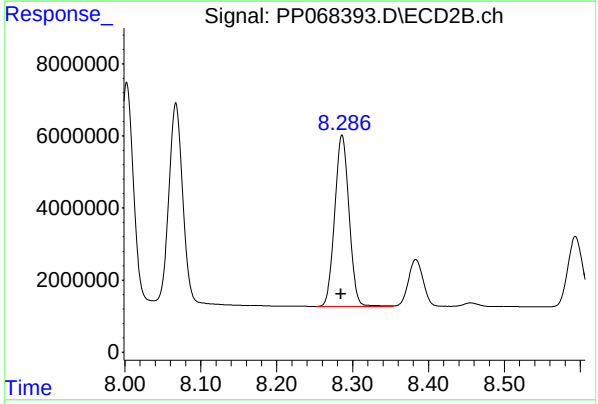
#43 AR-1268-3

R.T.: 9.398 min
Delta R.T.: 0.000 min
Response: 63406726
Conc: 504.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1268

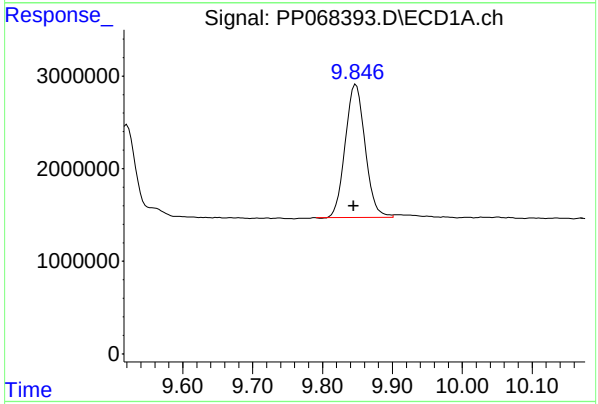
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



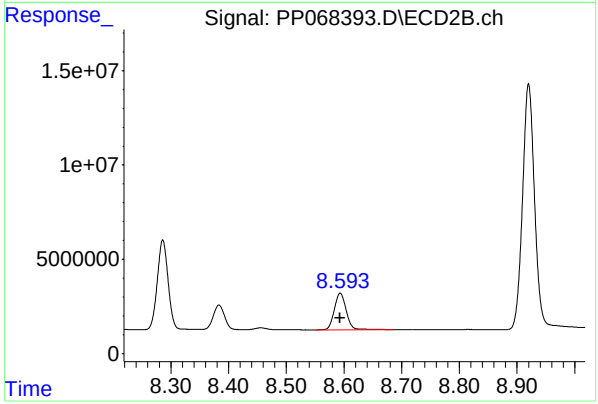
#43 AR-1268-3

R.T.: 8.286 min
Delta R.T.: 0.001 min
Response: 62074565
Conc: 498.53 ng/ml



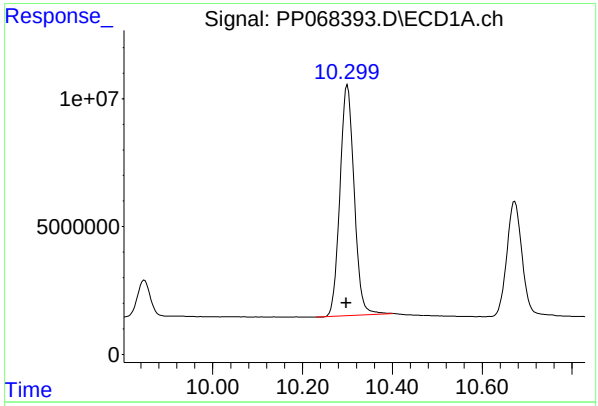
#44 AR-1268-4

R.T.: 9.848 min
Delta R.T.: 0.003 min
Response: 28417537
Conc: 531.80 ng/ml



#44 AR-1268-4

R.T.: 8.594 min
Delta R.T.: 0.000 min
Response: 28016994
Conc: 513.09 ng/ml



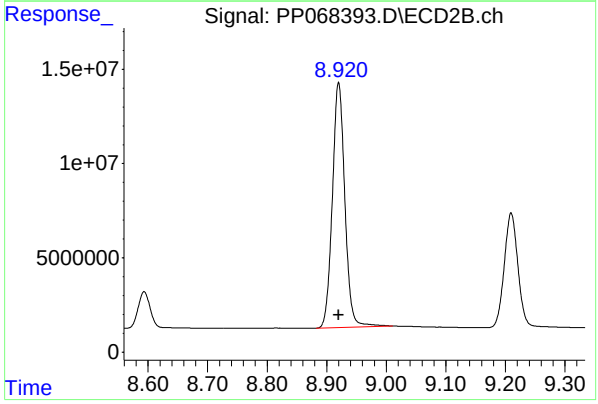
#45 AR-1268-5

R.T.: 10.300 min
Delta R.T.: 0.002 min
Response: 198216796
Conc: 499.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1268

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



#45 AR-1268-5

R.T.: 8.920 min
Delta R.T.: 0.000 min
Response: 189575668
Conc: 503.42 ng/ml

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.:** P5117 **SAS No.:** P5117 **SDG NO.:** P5117

Continuing Calib Date: 12/06/2024 **Initial Calibration Date(s):** 11/08/2024 11/08/2024

Continuing Calib Time: 09:34 **Initial Calibration Time(s):** 02:45 10:39

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)	5.93	5.92	5.82	6.02	-0.01
Aroclor-1016-2	(2)	5.95	5.94	5.84	6.04	-0.01
Aroclor-1016-3	(3)	6.01	6.01	5.91	6.11	0.00
Aroclor-1016-4	(4)	6.11	6.11	6.01	6.21	0.00
Aroclor-1016-5	(5)	6.41	6.40	6.30	6.50	-0.01
Aroclor-1260-1	(1)	7.53	7.52	7.42	7.62	-0.01
Aroclor-1260-2	(2)	7.78	7.78	7.68	7.88	0.00
Aroclor-1260-3	(3)	8.14	8.14	8.04	8.24	0.00
Aroclor-1260-4	(4)	8.38	8.38	8.28	8.48	0.00
Aroclor-1260-5	(5)	8.72	8.71	8.61	8.81	-0.01
Tetrachloro-m-xylene		4.76	4.76	4.66	4.86	0.00
Decachlorobiphenyl		10.68	10.67	10.57	10.77	-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.:** P5117 **SAS No.:** P5117 **SDG NO.:** P5117

Continuing Calib Date: 12/06/2024 **Initial Calibration Date(s):** 11/08/2024 11/08/2024

Continuing Calib Time: 09:34 **Initial Calibration Time(s):** 02:45 10:39

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)	5.16	5.16	5.06	5.26	0.00
Aroclor-1016-2	(2)	5.18	5.18	5.08	5.28	0.00
Aroclor-1016-3	(3)	5.36	5.36	5.26	5.46	0.00
Aroclor-1016-4	(4)	5.40	5.40	5.30	5.50	0.00
Aroclor-1016-5	(5)	5.61	5.62	5.52	5.72	0.01
Aroclor-1260-1	(1)	6.66	6.66	6.56	6.76	0.00
Aroclor-1260-2	(2)	6.84	6.85	6.75	6.95	0.01
Aroclor-1260-3	(3)	7.00	7.01	6.91	7.11	0.01
Aroclor-1260-4	(4)	7.48	7.48	7.38	7.58	0.01
Aroclor-1260-5	(5)	7.71	7.72	7.62	7.82	0.01
Tetrachloro-m-xylene		4.05	4.05	3.95	4.15	0.00
Decachlorobiphenyl		9.20	9.21	9.11	9.31	0.01

Alliance TECHNICAL GROUP

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CALIBRATION VERIFICATION SUMMARY

Contract: WEST04

Lab Code: CHEM **Case No.:** P5117 **SAS No.:** P5117 **SDG NO.:** P5117

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/08/2024 11/08/2024

Client Sample No.: CCAL01 **Date Analyzed:** 12/06/2024

Lab Sample No.: AR1660CCC500 **Data File :** PP068836.D **Time Analyzed:** 09:34

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.927	5.821	6.021	468.990	500.000	-6.2
Aroclor-1016-2	5.949	5.844	6.044	477.620	500.000	-4.5
Aroclor-1016-3	6.013	5.908	6.108	475.790	500.000	-4.8
Aroclor-1016-4	6.111	6.005	6.205	485.830	500.000	-2.8
Aroclor-1016-5	6.406	6.299	6.499	482.270	500.000	-3.5
Aroclor-1260-1	7.529	7.423	7.623	455.120	500.000	-9.0
Aroclor-1260-2	7.782	7.676	7.876	450.910	500.000	-9.8
Aroclor-1260-3	8.144	8.038	8.238	444.480	500.000	-11.1
Aroclor-1260-4	8.383	8.276	8.476	437.220	500.000	-12.6
Aroclor-1260-5	8.720	8.613	8.813	436.550	500.000	-12.7
Decachlorobiphenyl	10.681	10.572	10.772	46.900	50.000	-6.2
Tetrachloro-m-xylene	4.762	4.657	4.857	50.490	50.000	1.0

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.:** P5117 **SAS No.:** P5117 **SDG NO.:** P5117

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/08/2024 11/08/2024

Client Sample No.: CCAL01 **Date Analyzed:** 12/06/2024

Lab Sample No.: AR1660CCC500 **Data File :** PP068836.D **Time Analyzed:** 09:34

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.156	5.058	5.258	524.070	500.000	4.8
Aroclor-1016-2	5.175	5.079	5.279	511.580	500.000	2.3
Aroclor-1016-3	5.356	5.259	5.459	499.540	500.000	-0.1
Aroclor-1016-4	5.396	5.298	5.498	513.170	500.000	2.6
Aroclor-1016-5	5.614	5.517	5.717	506.480	500.000	1.3
Aroclor-1260-1	6.657	6.560	6.760	481.100	500.000	-3.8
Aroclor-1260-2	6.844	6.747	6.947	473.610	500.000	-5.3
Aroclor-1260-3	7.001	6.905	7.105	484.530	500.000	-3.1
Aroclor-1260-4	7.475	7.378	7.578	495.550	500.000	-0.9
Aroclor-1260-5	7.714	7.617	7.817	480.190	500.000	-4.0
Decachlorobiphenyl	9.204	9.110	9.310	48.300	50.000	-3.4
Tetrachloro-m-xylene	4.050	3.951	4.151	52.700	50.000	5.4

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120624\
Data File : PP068836.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Dec 2024 09:34
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: Dec 06 22:53:16 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.762	4.050	49002541	51027200	50.486	52.698
2)	SA Decachlor...	10.681	9.204	58695342	54641523	46.901	48.305
	Target Compounds						
3)	L1 AR-1016-1	5.927	5.156	16853554	17319071	468.987	524.072
4)	L1 AR-1016-2	5.949	5.175	25289875	23912614	477.615	511.581
5)	L1 AR-1016-3	6.013	5.356	15752713	13507714	475.791	499.541
6)	L1 AR-1016-4	6.111	5.396	12768490	12108121	485.825	513.165
7)	L1 AR-1016-5	6.406	5.614	13603928	15013258	482.272	506.483
31)	L7 AR-1260-1	7.529	6.657	24623827	26772618	455.119	481.098
32)	L7 AR-1260-2	7.782	6.844	28682812	31370185	450.910	473.614
33)	L7 AR-1260-3	8.144	7.001	23909504	29988172	444.481	484.529
34)	L7 AR-1260-4	8.383	7.475	27207360	26133750	437.221	495.549
35)	L7 AR-1260-5	8.720	7.714	49410258	57178710	436.546	480.187

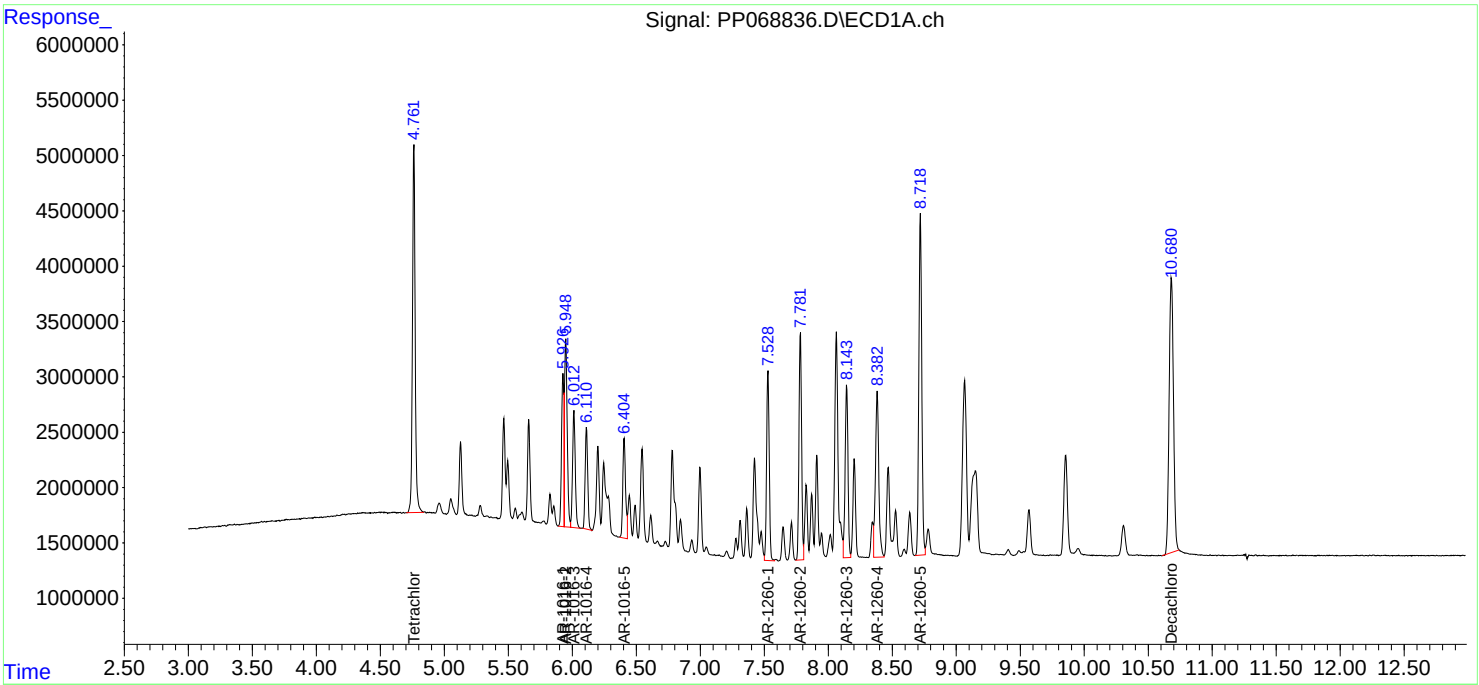
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

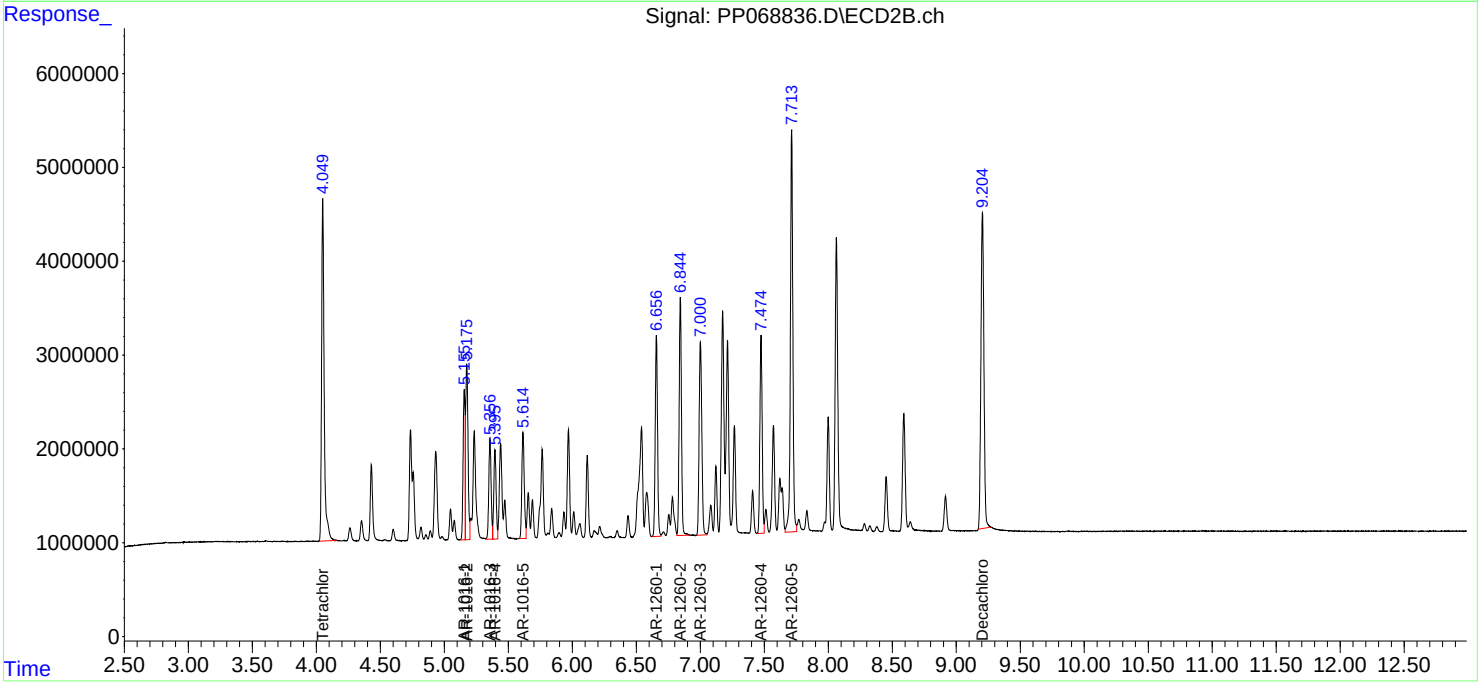
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120624\
Data File : PP068836.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Dec 2024 09:34
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

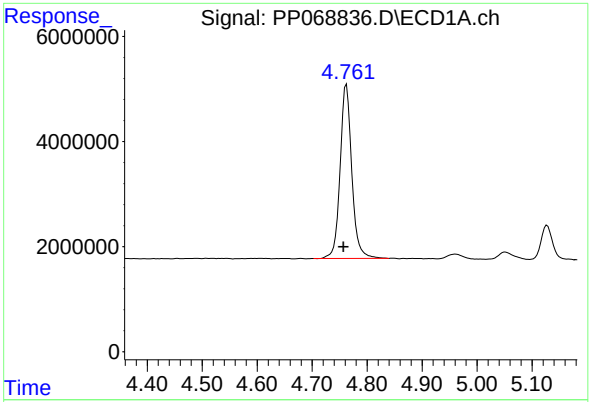
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 22:53:16 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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



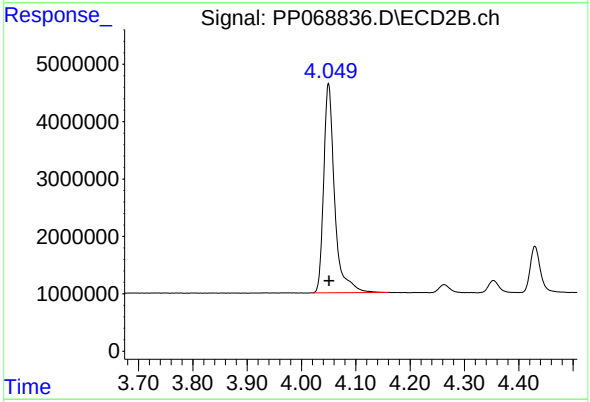




#1 Tetrachloro-m-xylene

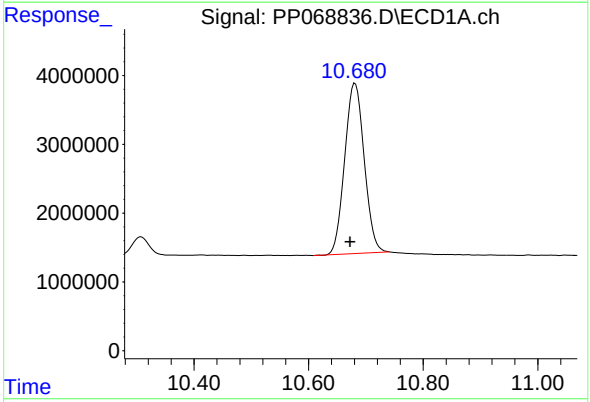
R.T.: 4.762 min
Delta R.T.: 0.005 min
Response: 49002541
Conc: 50.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



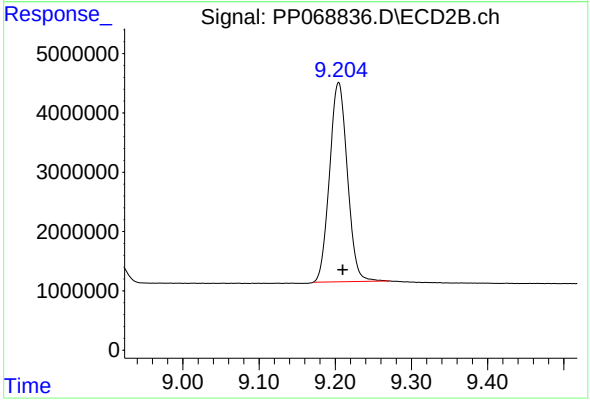
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: -0.001 min
Response: 51027200
Conc: 52.70 ng/ml



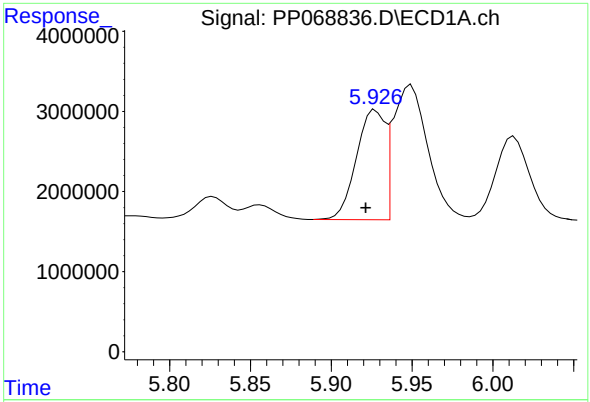
#2 Decachlorobiphenyl

R.T.: 10.681 min
Delta R.T.: 0.009 min
Response: 58695342
Conc: 46.90 ng/ml



#2 Decachlorobiphenyl

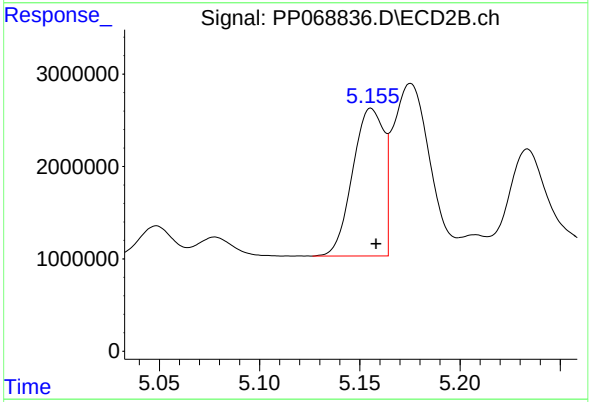
R.T.: 9.204 min
Delta R.T.: -0.005 min
Response: 54641523
Conc: 48.30 ng/ml



#3 AR-1016-1

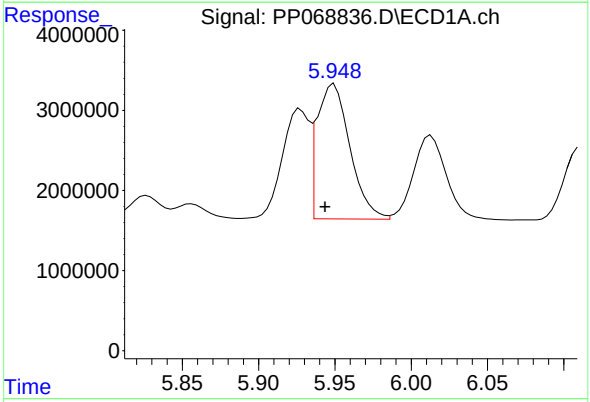
R.T.: 5.927 min
Delta R.T.: 0.006 min
Response: 16853554
Conc: 468.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



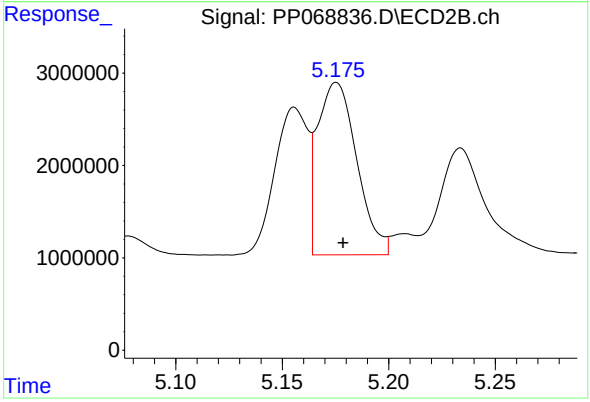
#3 AR-1016-1

R.T.: 5.156 min
Delta R.T.: -0.002 min
Response: 17319071
Conc: 524.07 ng/ml



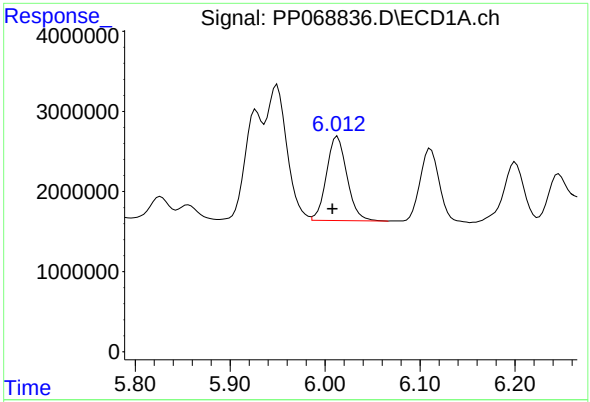
#4 AR-1016-2

R.T.: 5.949 min
Delta R.T.: 0.006 min
Response: 25289875
Conc: 477.62 ng/ml



#4 AR-1016-2

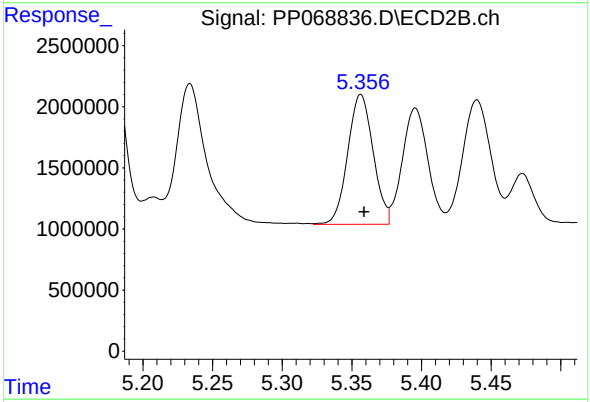
R.T.: 5.175 min
Delta R.T.: -0.003 min
Response: 23912614
Conc: 511.58 ng/ml



#5 AR-1016-3

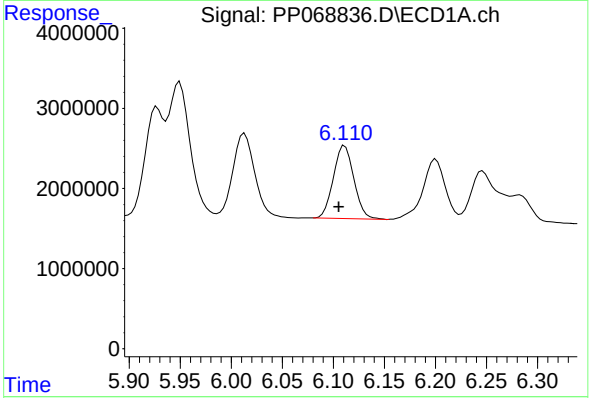
R.T.: 6.013 min
Delta R.T.: 0.005 min
Response: 15752713
Conc: 475.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



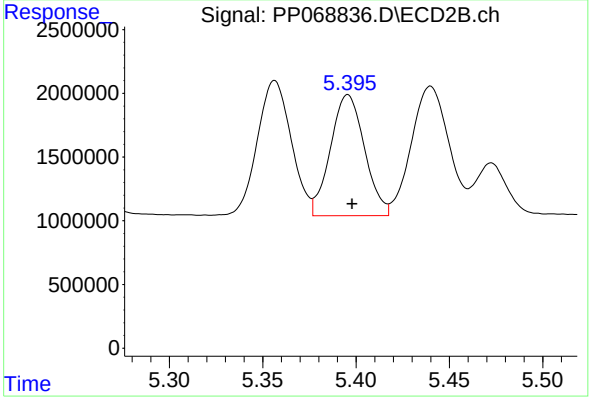
#5 AR-1016-3

R.T.: 5.356 min
Delta R.T.: -0.002 min
Response: 13507714
Conc: 499.54 ng/ml



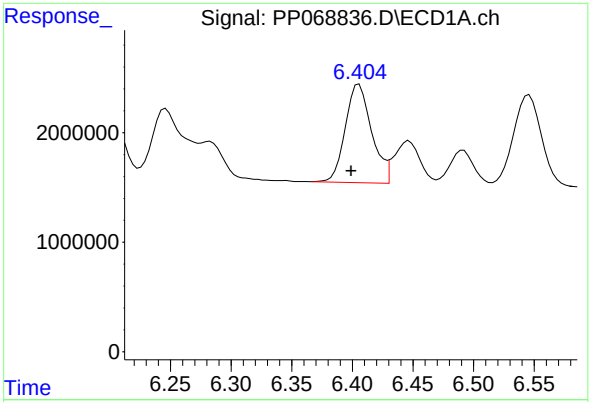
#6 AR-1016-4

R.T.: 6.111 min
Delta R.T.: 0.006 min
Response: 12768490
Conc: 485.83 ng/ml



#6 AR-1016-4

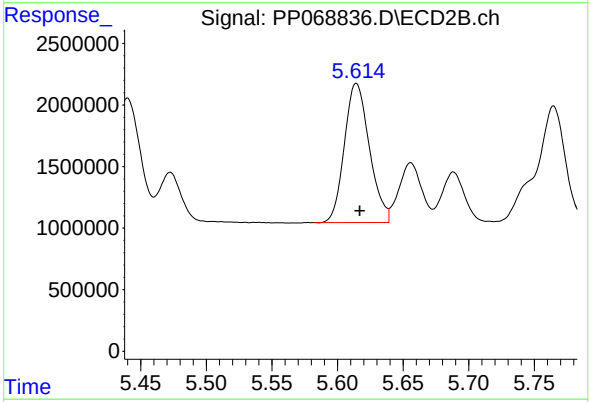
R.T.: 5.396 min
Delta R.T.: -0.002 min
Response: 12108121
Conc: 513.17 ng/ml



#7 AR-1016-5

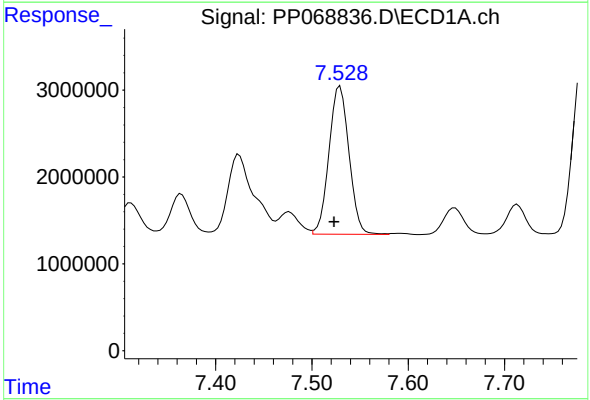
R.T.: 6.406 min
Delta R.T.: 0.007 min
Response: 13603928
Conc: 482.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



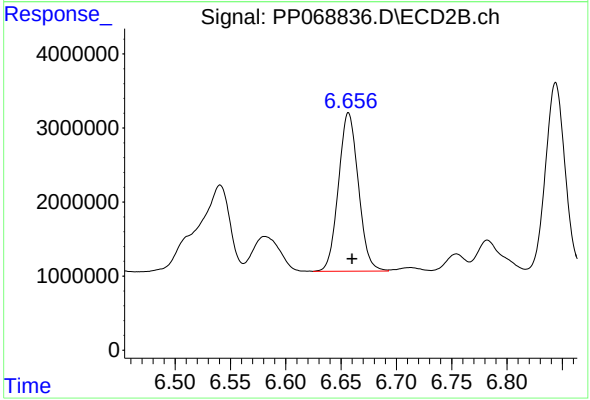
#7 AR-1016-5

R.T.: 5.614 min
Delta R.T.: -0.003 min
Response: 15013258
Conc: 506.48 ng/ml



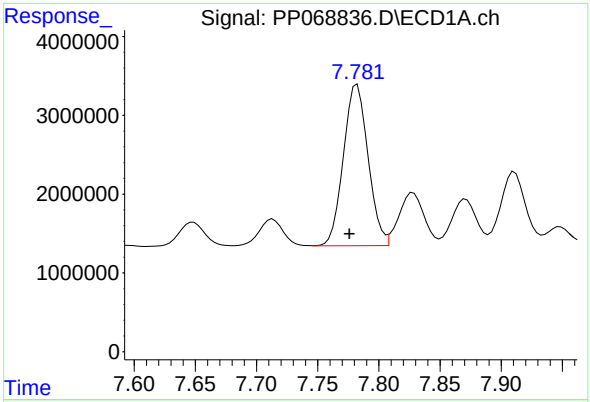
#31 AR-1260-1

R.T.: 7.529 min
Delta R.T.: 0.006 min
Response: 24623827
Conc: 455.12 ng/ml



#31 AR-1260-1

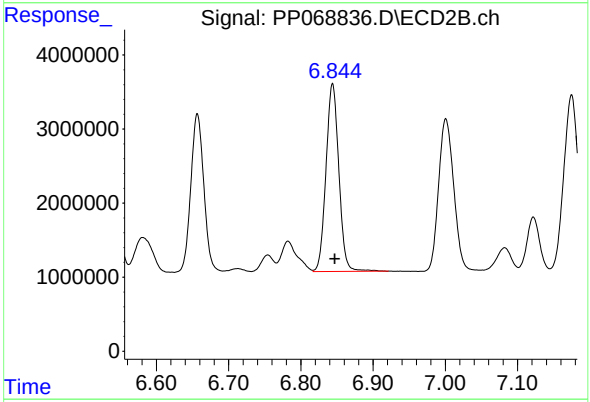
R.T.: 6.657 min
Delta R.T.: -0.003 min
Response: 26772618
Conc: 481.10 ng/ml



#32 AR-1260-2

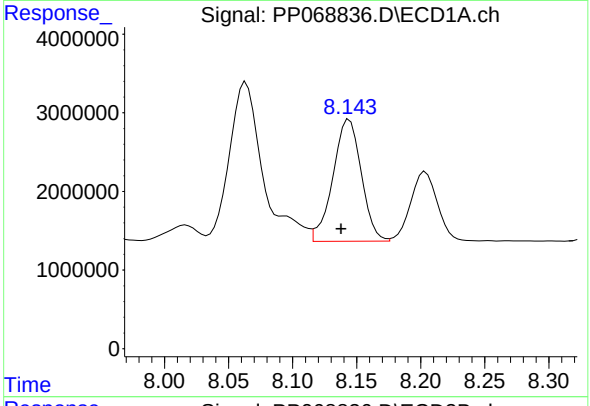
R.T.: 7.782 min
Delta R.T.: 0.006 min
Response: 28682812
Conc: 450.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



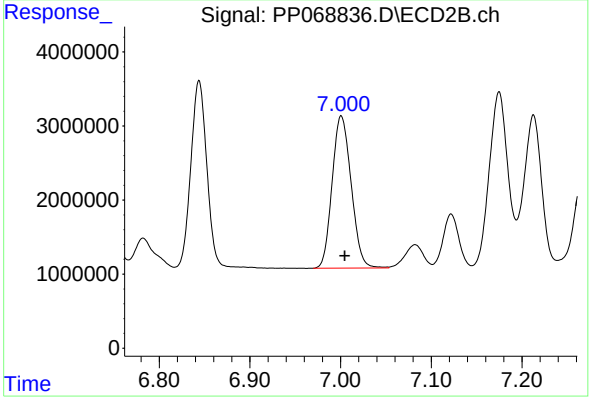
#32 AR-1260-2

R.T.: 6.844 min
Delta R.T.: -0.003 min
Response: 31370185
Conc: 473.61 ng/ml



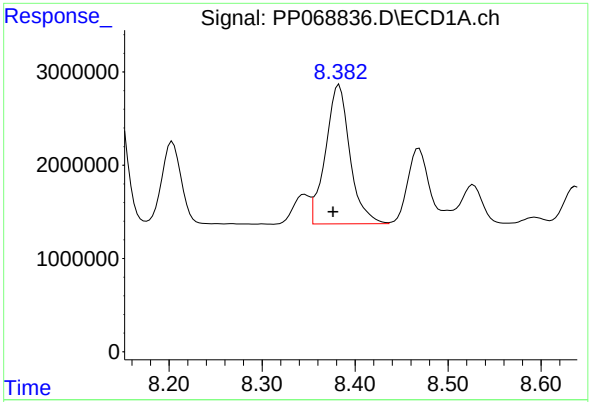
#33 AR-1260-3

R.T.: 8.144 min
Delta R.T.: 0.006 min
Response: 23909504
Conc: 444.48 ng/ml



#33 AR-1260-3

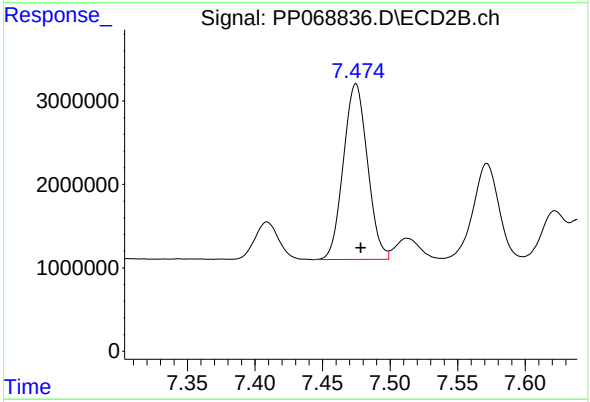
R.T.: 7.001 min
Delta R.T.: -0.004 min
Response: 29988172
Conc: 484.53 ng/ml



#34 AR-1260-4

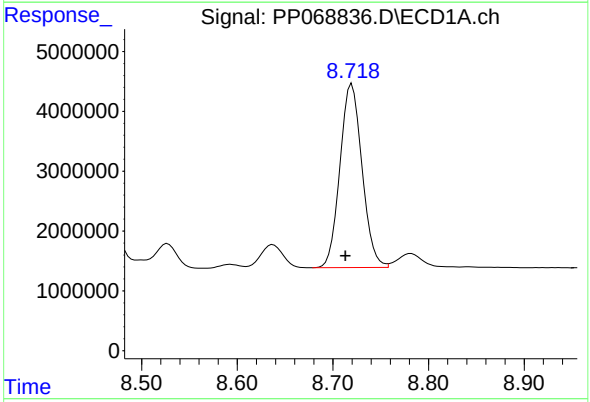
R.T.: 8.383 min
Delta R.T.: 0.007 min
Response: 27207360
Conc: 437.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



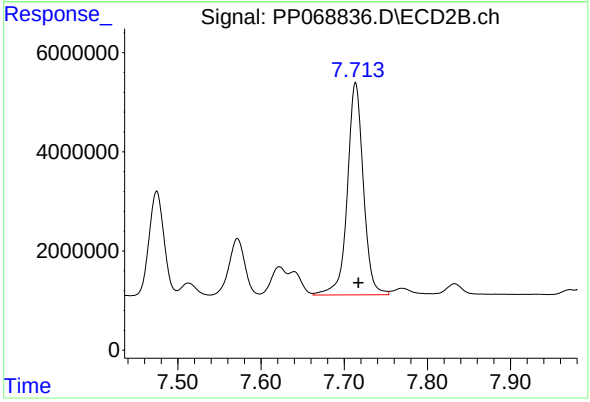
#34 AR-1260-4

R.T.: 7.475 min
Delta R.T.: -0.004 min
Response: 26133750
Conc: 495.55 ng/ml



#35 AR-1260-5

R.T.: 8.720 min
Delta R.T.: 0.007 min
Response: 49410258
Conc: 436.55 ng/ml



#35 AR-1260-5

R.T.: 7.714 min
Delta R.T.: -0.003 min
Response: 57178710
Conc: 480.19 ng/ml

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.:** P5117 **SAS No.:** P5117 **SDG NO.:** P5117

Continuing Calib Date: 12/06/2024 **Initial Calibration Date(s):** 11/08/2024 11/08/2024

Continuing Calib Time: 16:24 **Initial Calibration Time(s):** 02:45 10:39

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)	5.92	5.92	5.82	6.02	0.00
Aroclor-1016-2	(2)	5.95	5.94	5.84	6.04	-0.01
Aroclor-1016-3	(3)	6.01	6.01	5.91	6.11	0.00
Aroclor-1016-4	(4)	6.11	6.11	6.01	6.21	0.00
Aroclor-1016-5	(5)	6.40	6.40	6.30	6.50	0.00
Aroclor-1260-1	(1)	7.53	7.52	7.42	7.62	-0.01
Aroclor-1260-2	(2)	7.78	7.78	7.68	7.88	0.00
Aroclor-1260-3	(3)	8.14	8.14	8.04	8.24	0.00
Aroclor-1260-4	(4)	8.38	8.38	8.28	8.48	0.00
Aroclor-1260-5	(5)	8.72	8.71	8.61	8.81	-0.01
Tetrachloro-m-xylene		4.76	4.76	4.66	4.86	0.00
Decachlorobiphenyl		10.68	10.67	10.57	10.77	-0.01

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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: WEST04

Lab Code: CHEM **Case No.:** P5117 **SAS No.:** P5117 **SDG NO.:** P5117

Continuing Calib Date: 12/06/2024 **Initial Calibration Date(s):** 11/08/2024 11/08/2024

Continuing Calib Time: 16:24 **Initial Calibration Time(s):** 02:45 10:39

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)	5.15	5.16	5.06	5.26	0.01
Aroclor-1016-2	(2)	5.17	5.18	5.08	5.28	0.01
Aroclor-1016-3	(3)	5.35	5.36	5.26	5.46	0.01
Aroclor-1016-4	(4)	5.39	5.40	5.30	5.50	0.01
Aroclor-1016-5	(5)	5.61	5.62	5.52	5.72	0.01
Aroclor-1260-1	(1)	6.65	6.66	6.56	6.76	0.01
Aroclor-1260-2	(2)	6.84	6.85	6.75	6.95	0.01
Aroclor-1260-3	(3)	7.00	7.01	6.91	7.11	0.01
Aroclor-1260-4	(4)	7.47	7.48	7.38	7.58	0.01
Aroclor-1260-5	(5)	7.71	7.72	7.62	7.82	0.01
Tetrachloro-m-xylene		4.05	4.05	3.95	4.15	0.00
Decachlorobiphenyl		9.20	9.21	9.11	9.31	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: WEST04

Lab Code: CHEM **Case No.:** P5117 **SAS No.:** P5117 **SDG NO.:** P5117

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/08/2024 11/08/2024

Client Sample No.: CCAL02 **Date Analyzed:** 12/06/2024

Lab Sample No.: AR1660CCC500 **Data File :** PP068851.D **Time Analyzed:** 16:24

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.924	5.821	6.021	483.800	500.000	-3.2
Aroclor-1016-2	5.946	5.844	6.044	477.740	500.000	-4.5
Aroclor-1016-3	6.009	5.908	6.108	526.230	500.000	5.2
Aroclor-1016-4	6.108	6.005	6.205	533.260	500.000	6.7
Aroclor-1016-5	6.402	6.299	6.499	446.380	500.000	-10.7
Aroclor-1260-1	7.526	7.423	7.623	446.300	500.000	-10.7
Aroclor-1260-2	7.779	7.676	7.876	453.310	500.000	-9.3
Aroclor-1260-3	8.141	8.038	8.238	458.060	500.000	-8.4
Aroclor-1260-4	8.379	8.276	8.476	430.240	500.000	-14.0
Aroclor-1260-5	8.717	8.613	8.813	437.760	500.000	-12.4
Decachlorobiphenyl	10.675	10.572	10.772	46.710	50.000	-6.6
Tetrachloro-m-xylene	4.759	4.657	4.857	50.840	50.000	1.7

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CALIBRATION VERIFICATION SUMMARY

Contract: WEST04

Lab Code: CHEM **Case No.:** P5117 **SAS No.:** P5117 **SDG NO.:** P5117

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/08/2024 11/08/2024

Client Sample No.: CCAL02 **Date Analyzed:** 12/06/2024

Lab Sample No.: AR1660CCC500 **Data File :** PP068851.D **Time Analyzed:** 16:24

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.152	5.058	5.258	510.620	500.000	2.1
Aroclor-1016-2	5.172	5.079	5.279	504.910	500.000	1.0
Aroclor-1016-3	5.352	5.259	5.459	501.150	500.000	0.2
Aroclor-1016-4	5.392	5.298	5.498	512.610	500.000	2.5
Aroclor-1016-5	5.610	5.517	5.717	491.840	500.000	-1.6
Aroclor-1260-1	6.653	6.560	6.760	469.080	500.000	-6.2
Aroclor-1260-2	6.840	6.747	6.947	459.980	500.000	-8.0
Aroclor-1260-3	6.998	6.905	7.105	466.380	500.000	-6.7
Aroclor-1260-4	7.471	7.378	7.578	471.870	500.000	-5.6
Aroclor-1260-5	7.710	7.617	7.817	460.920	500.000	-7.8
Decachlorobiphenyl	9.200	9.110	9.310	45.310	50.000	-9.4
Tetrachloro-m-xylene	4.047	3.951	4.151	52.080	50.000	4.2

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120624\
Data File : PP068851.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Dec 2024 16:24
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 22:59:52 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.759	4.047	49350720	50428126	50.845	52.080
2)	SA Decachlor...	10.675	9.200	58458194	51258782	46.711	45.314
	Target Compounds						
3)	L1 AR-1016-1	5.924	5.152	17385713	16874432	483.795	510.617
4)	L1 AR-1016-2	5.946	5.172	25296658	23600924	477.744	504.912
5)	L1 AR-1016-3	6.009	5.352	17422627	13551289	526.228	501.153
6)	L1 AR-1016-4	6.108	5.392	14015126	12095053	533.258	512.611
7)	L1 AR-1016-5	6.402	5.610	12591558	14579062	446.383	491.835
31)	L7 AR-1260-1	7.526	6.653	24146553	26103866	446.297	469.081
32)	L7 AR-1260-2	7.779	6.840	28835492	30467417	453.311	459.984
33)	L7 AR-1260-3	8.141	6.998	24640211	28864656	458.065	466.376
34)	L7 AR-1260-4	8.379	7.471	26772766	24884760	430.237	471.865
35)	L7 AR-1260-5	8.717	7.710	49547922	54884222	437.763	460.918

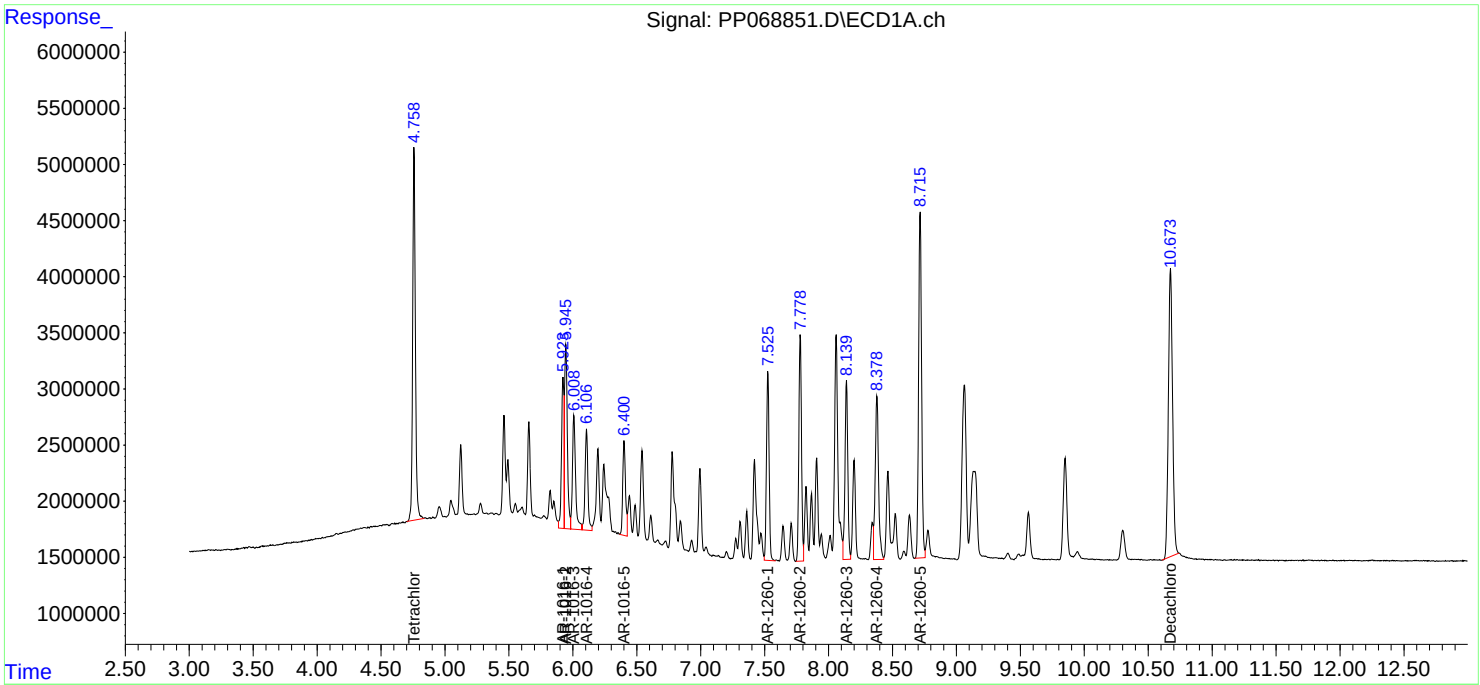
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

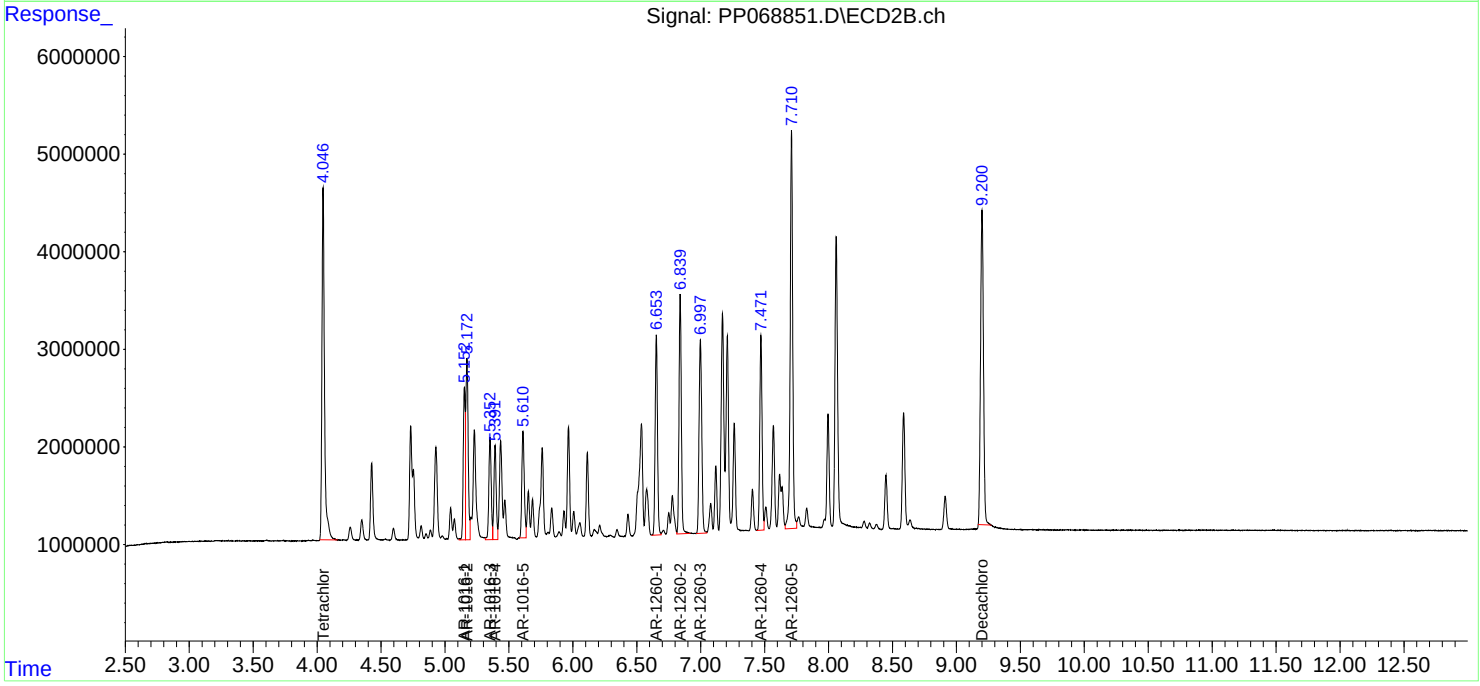
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120624\
Data File : PP068851.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Dec 2024 16:24
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

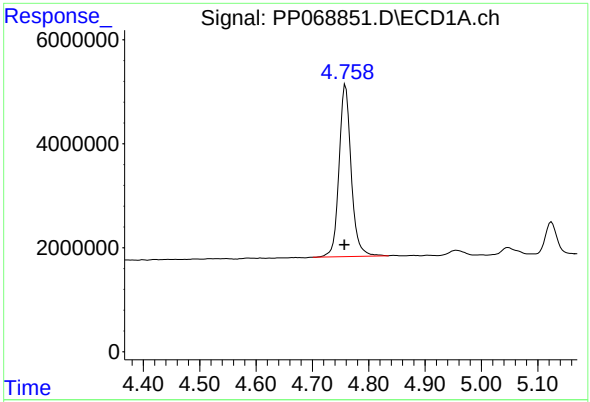
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 22:59:52 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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



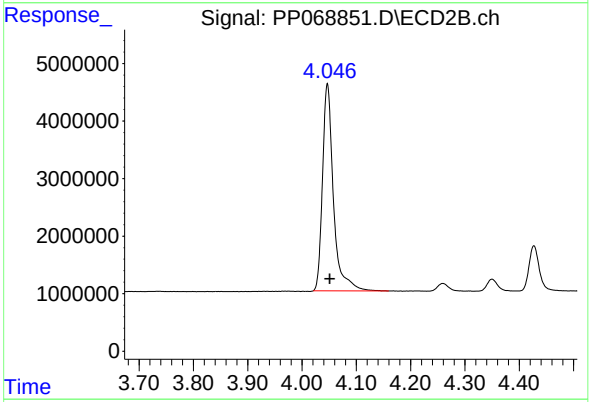




#1 Tetrachloro-m-xylene

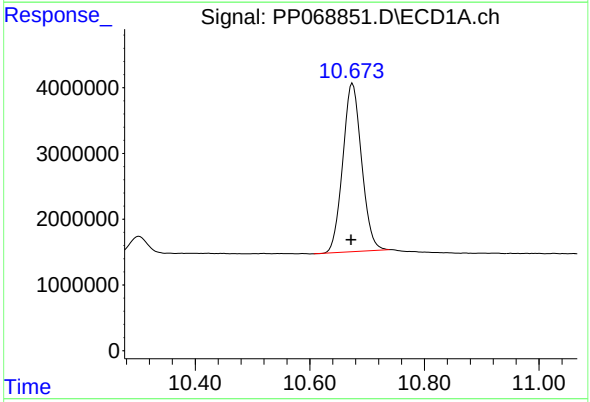
R.T.: 4.759 min
Delta R.T.: 0.002 min
Response: 49350720
Conc: 50.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



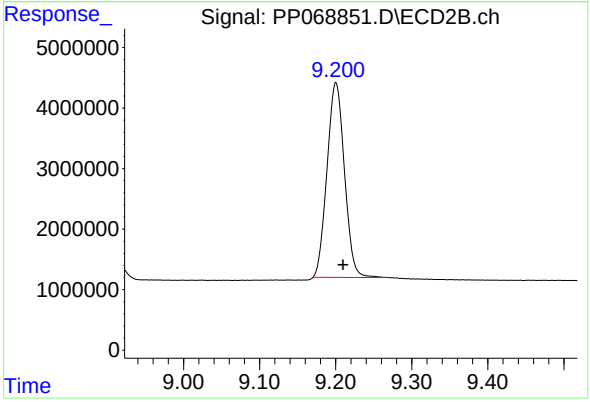
#1 Tetrachloro-m-xylene

R.T.: 4.047 min
Delta R.T.: -0.004 min
Response: 50428126
Conc: 52.08 ng/ml



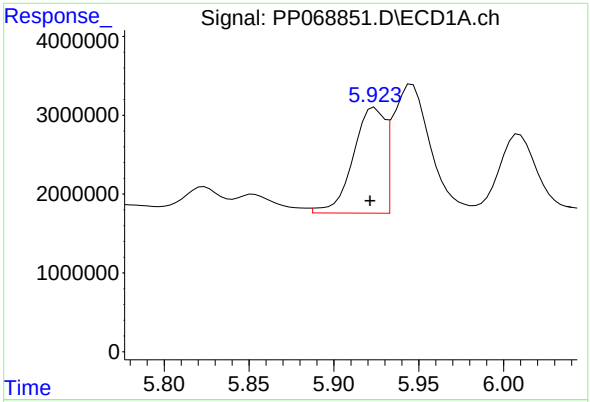
#2 Decachlorobiphenyl

R.T.: 10.675 min
Delta R.T.: 0.003 min
Response: 58458194
Conc: 46.71 ng/ml



#2 Decachlorobiphenyl

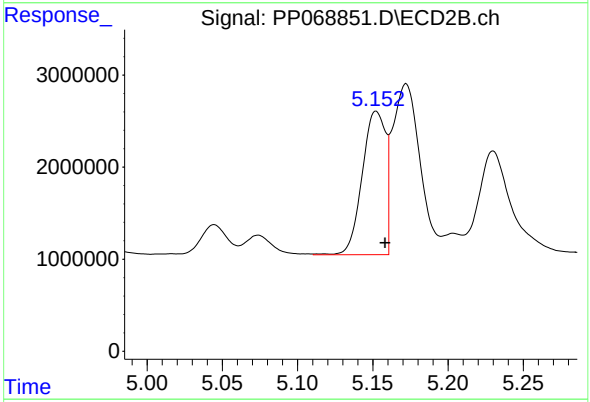
R.T.: 9.200 min
Delta R.T.: -0.010 min
Response: 51258782
Conc: 45.31 ng/ml



#3 AR-1016-1

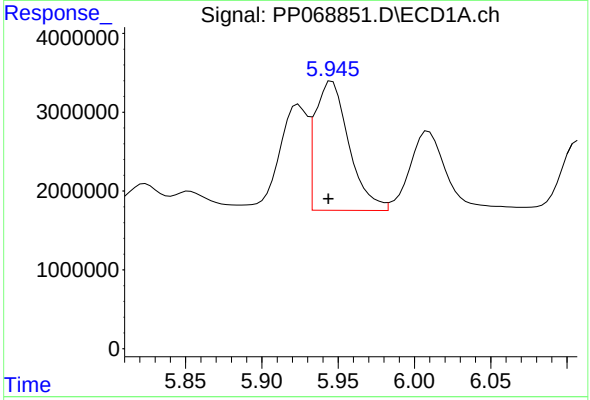
R.T.: 5.924 min
Delta R.T.: 0.003 min
Response: 17385713
Conc: 483.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



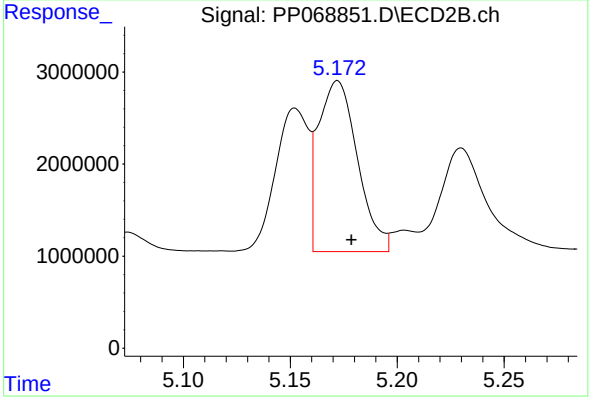
#3 AR-1016-1

R.T.: 5.152 min
Delta R.T.: -0.006 min
Response: 16874432
Conc: 510.62 ng/ml



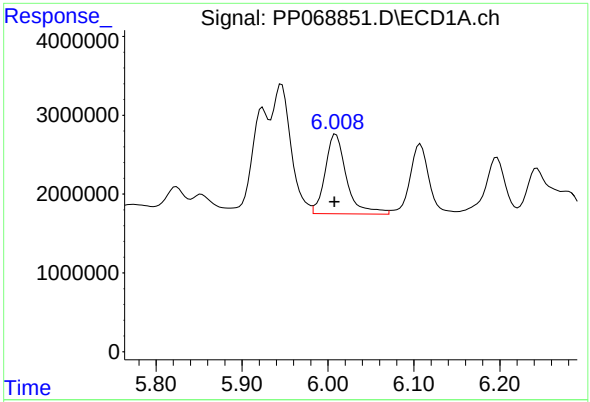
#4 AR-1016-2

R.T.: 5.946 min
Delta R.T.: 0.003 min
Response: 25296658
Conc: 477.74 ng/ml



#4 AR-1016-2

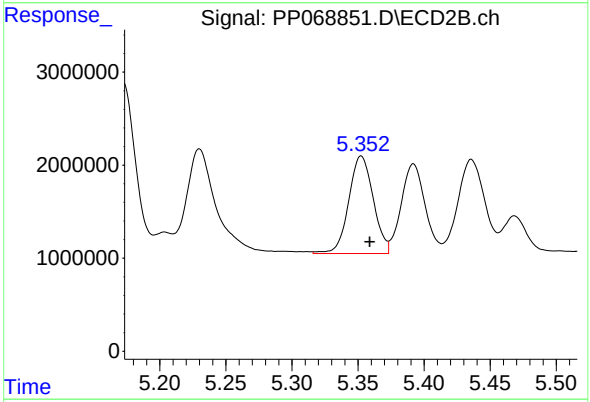
R.T.: 5.172 min
Delta R.T.: -0.006 min
Response: 23600924
Conc: 504.91 ng/ml



#5 AR-1016-3

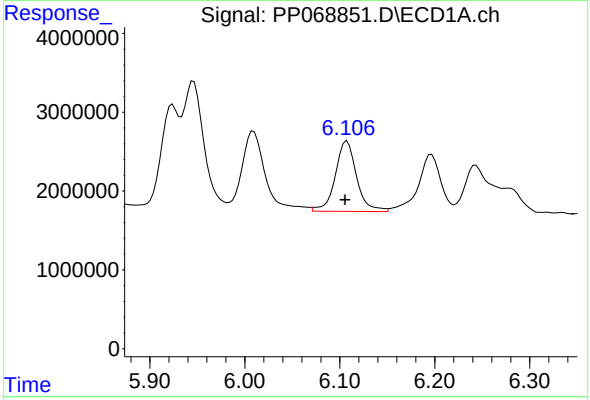
R.T.: 6.009 min
Delta R.T.: 0.002 min
Response: 17422627
Conc: 526.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



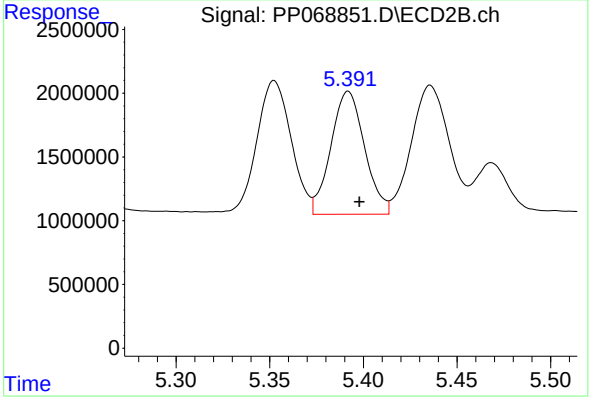
#5 AR-1016-3

R.T.: 5.352 min
Delta R.T.: -0.006 min
Response: 13551289
Conc: 501.15 ng/ml



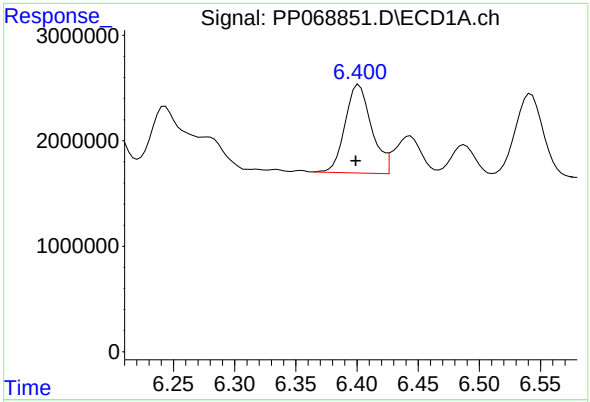
#6 AR-1016-4

R.T.: 6.108 min
Delta R.T.: 0.002 min
Response: 14015126
Conc: 533.26 ng/ml



#6 AR-1016-4

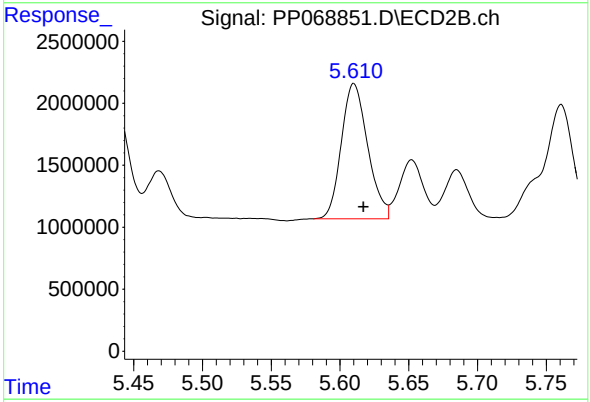
R.T.: 5.392 min
Delta R.T.: -0.006 min
Response: 12095053
Conc: 512.61 ng/ml



#7 AR-1016-5

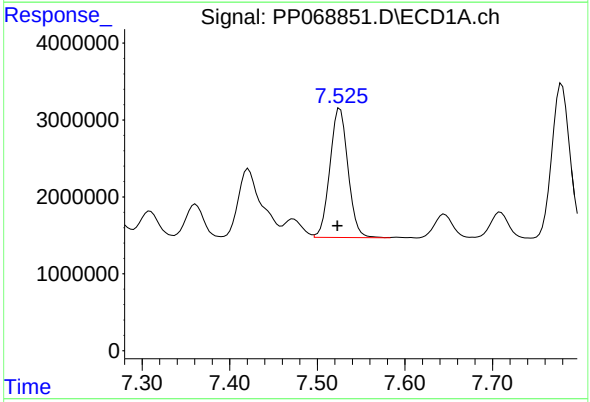
R.T.: 6.402 min
Delta R.T.: 0.003 min
Response: 12591558
Conc: 446.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



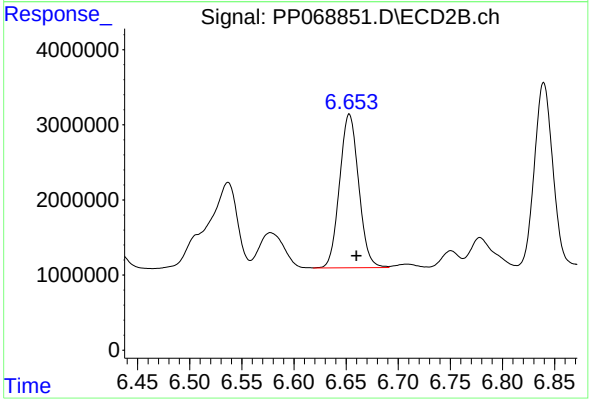
#7 AR-1016-5

R.T.: 5.610 min
Delta R.T.: -0.007 min
Response: 14579062
Conc: 491.84 ng/ml



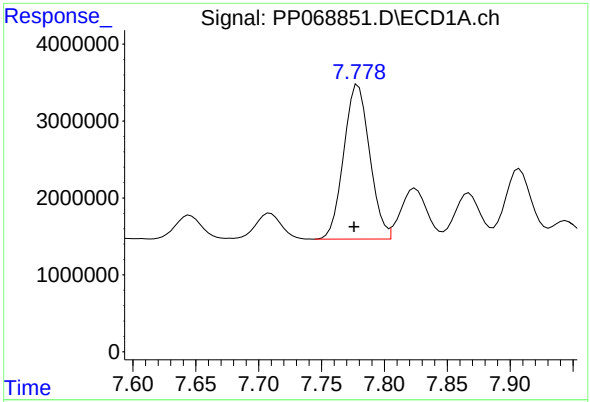
#31 AR-1260-1

R.T.: 7.526 min
Delta R.T.: 0.003 min
Response: 24146553
Conc: 446.30 ng/ml



#31 AR-1260-1

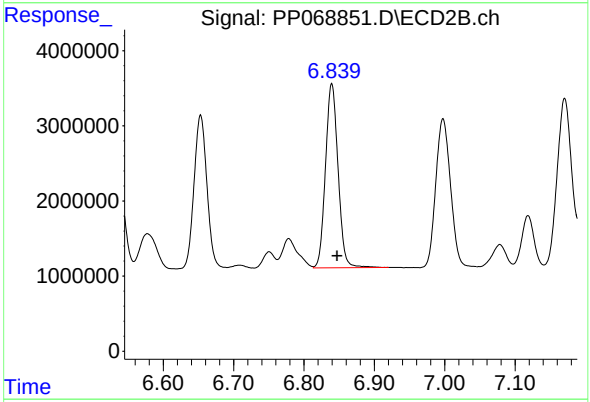
R.T.: 6.653 min
Delta R.T.: -0.007 min
Response: 26103866
Conc: 469.08 ng/ml



#32 AR-1260-2

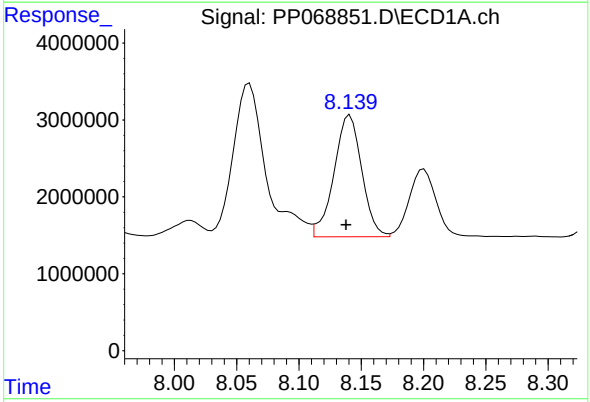
R.T.: 7.779 min
Delta R.T.: 0.003 min
Response: 28835492
Conc: 453.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



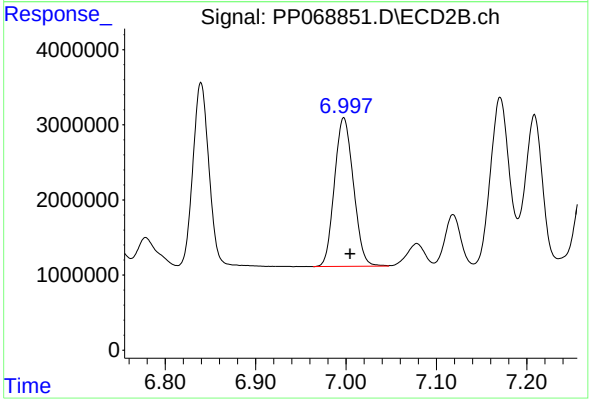
#32 AR-1260-2

R.T.: 6.840 min
Delta R.T.: -0.007 min
Response: 30467417
Conc: 459.98 ng/ml



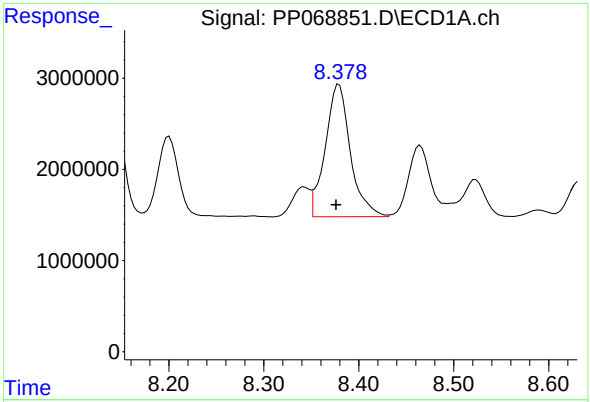
#33 AR-1260-3

R.T.: 8.141 min
Delta R.T.: 0.003 min
Response: 24640211
Conc: 458.06 ng/ml



#33 AR-1260-3

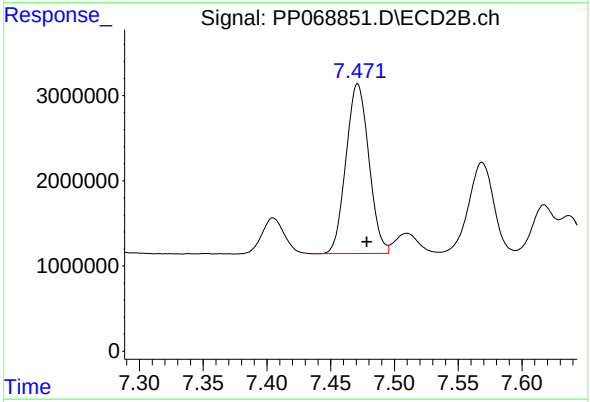
R.T.: 6.998 min
Delta R.T.: -0.007 min
Response: 28864656
Conc: 466.38 ng/ml



#34 AR-1260-4

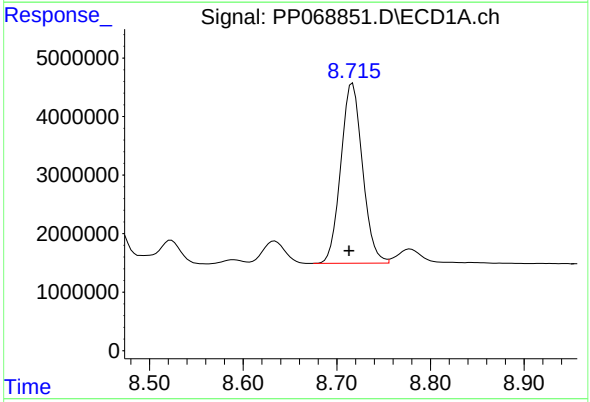
R.T.: 8.379 min
Delta R.T.: 0.003 min
Response: 26772766
Conc: 430.24 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



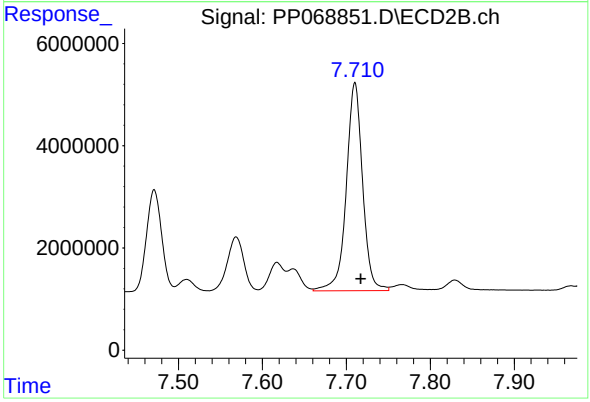
#34 AR-1260-4

R.T.: 7.471 min
Delta R.T.: -0.007 min
Response: 24884760
Conc: 471.87 ng/ml



#35 AR-1260-5

R.T.: 8.717 min
Delta R.T.: 0.004 min
Response: 49547922
Conc: 437.76 ng/ml



#35 AR-1260-5

R.T.: 7.710 min
Delta R.T.: -0.007 min
Response: 54884222
Conc: 460.92 ng/ml

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

Analytical Sequence

Client: Weston Solutions **SDG No.:** P5117

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):** 11/08/2024 11/08/2024

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	11/08/2024	02:29	PP068360.D	10.67	4.76
AR1660ICC1000	AR1660ICC1000	11/08/2024	02:45	PP068361.D	10.67	4.76
AR1660ICC750	AR1660ICC750	11/08/2024	03:02	PP068362.D	10.68	4.76
AR1660ICC500	AR1660ICC500	11/08/2024	03:18	PP068363.D	10.67	4.76
AR1660ICC250	AR1660ICC250	11/08/2024	03:34	PP068364.D	10.68	4.76
AR1660ICC050	AR1660ICC050	11/08/2024	03:51	PP068365.D	10.67	4.76
AR1221ICC500	AR1221ICC500	11/08/2024	04:07	PP068366.D	10.68	4.76
AR1232ICC500	AR1232ICC500	11/08/2024	04:23	PP068367.D	10.67	4.76
AR1242ICC1000	AR1242ICC1000	11/08/2024	04:40	PP068368.D	10.67	4.76
AR1242ICC750	AR1242ICC750	11/08/2024	04:56	PP068369.D	10.67	4.76
AR1242ICC500	AR1242ICC500	11/08/2024	05:12	PP068370.D	10.67	4.76
AR1242ICC250	AR1242ICC250	11/08/2024	05:29	PP068371.D	10.67	4.76
AR1242ICC050	AR1242ICC050	11/08/2024	05:45	PP068372.D	10.68	4.76
AR1248ICC1000	AR1248ICC1000	11/08/2024	06:01	PP068373.D	10.67	4.76
AR1248ICC750	AR1248ICC750	11/08/2024	06:18	PP068374.D	10.68	4.76
AR1248ICC500	AR1248ICC500	11/08/2024	06:34	PP068375.D	10.67	4.76
AR1248ICC250	AR1248ICC250	11/08/2024	06:50	PP068376.D	10.67	4.76
AR1248ICC050	AR1248ICC050	11/08/2024	07:07	PP068377.D	10.67	4.76
AR1254ICC1000	AR1254ICC1000	11/08/2024	07:23	PP068378.D	10.67	4.76
AR1254ICC750	AR1254ICC750	11/08/2024	07:39	PP068379.D	10.67	4.76
AR1254ICC500	AR1254ICC500	11/08/2024	07:56	PP068380.D	10.67	4.76
AR1254ICC250	AR1254ICC250	11/08/2024	08:12	PP068381.D	10.67	4.76
AR1254ICC050	AR1254ICC050	11/08/2024	08:28	PP068382.D	10.67	4.76
AR1262ICC500	AR1262ICC500	11/08/2024	08:45	PP068383.D	10.67	4.76
AR1268ICC1000	AR1268ICC1000	11/08/2024	09:01	PP068384.D	10.67	4.76
AR1268ICC750	AR1268ICC750	11/08/2024	09:17	PP068385.D	10.67	4.76
AR1268ICC500	AR1268ICC500	11/08/2024	09:34	PP068386.D	10.67	4.76
AR1268ICC250	AR1268ICC250	11/08/2024	09:50	PP068387.D	10.67	4.76
AR1268ICC050	AR1268ICC050	11/08/2024	10:39	PP068388.D	10.67	4.76
AR1660CCC500	AR1660CCC500	12/06/2024	09:34	PP068836.D	10.68	4.76
I.BLK	I.BLK	12/06/2024	10:39	PP068840.D	10.68	4.76
PB165421BL	PB165421BL	12/06/2024	13:09	PP068841.D	10.70	4.77
PB165421BS	PB165421BS	12/06/2024	13:25	PP068842.D	10.69	4.76
TAPIAL2-IDW-SOIL-120424-00-T2	P5117-02	12/06/2024	13:58	PP068844.D	10.68	4.76
TAPIAL2-IDW-SOIL-120424-00-T2MS	P5117-02MS	12/06/2024	14:14	PP068845.D	10.68	4.76
TAPIAL2-IDW-SOIL-120424-00-T2MSD	P5117-02MSD	12/06/2024	14:30	PP068846.D	10.68	4.76
AR1660CCC500	AR1660CCC500	12/06/2024	16:24	PP068851.D	10.68	4.76
I.BLK	I.BLK	12/06/2024	17:29	PP068855.D	10.67	4.76

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

Analytical Sequence

Client: Weston Solutions **SDG No.:** P5117

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):** 11/08/2024 11/08/2024

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	11/08/2024	02:29	PP068360.D	9.21	4.05
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AR1660ICC750	AR1660ICC750	11/08/2024	03:02	PP068362.D	9.21	4.05
AR1660ICC500	AR1660ICC500	11/08/2024	03:18	PP068363.D	9.21	4.05
AR1660ICC250	AR1660ICC250	11/08/2024	03:34	PP068364.D	9.21	4.05
AR1660ICC050	AR1660ICC050	11/08/2024	03:51	PP068365.D	9.21	4.05
AR1221ICC500	AR1221ICC500	11/08/2024	04:07	PP068366.D	9.21	4.05
AR1232ICC500	AR1232ICC500	11/08/2024	04:23	PP068367.D	9.21	4.05
AR1242ICC1000	AR1242ICC1000	11/08/2024	04:40	PP068368.D	9.21	4.05
AR1242ICC750	AR1242ICC750	11/08/2024	04:56	PP068369.D	9.21	4.05
AR1242ICC500	AR1242ICC500	11/08/2024	05:12	PP068370.D	9.21	4.05
AR1242ICC250	AR1242ICC250	11/08/2024	05:29	PP068371.D	9.21	4.05
AR1242ICC050	AR1242ICC050	11/08/2024	05:45	PP068372.D	9.21	4.05
AR1248ICC1000	AR1248ICC1000	11/08/2024	06:01	PP068373.D	9.21	4.05
AR1248ICC750	AR1248ICC750	11/08/2024	06:18	PP068374.D	9.21	4.05
AR1248ICC500	AR1248ICC500	11/08/2024	06:34	PP068375.D	9.21	4.05
AR1248ICC250	AR1248ICC250	11/08/2024	06:50	PP068376.D	9.21	4.05
AR1248ICC050	AR1248ICC050	11/08/2024	07:07	PP068377.D	9.21	4.05
AR1254ICC1000	AR1254ICC1000	11/08/2024	07:23	PP068378.D	9.21	4.05
AR1254ICC750	AR1254ICC750	11/08/2024	07:39	PP068379.D	9.21	4.05
AR1254ICC500	AR1254ICC500	11/08/2024	07:56	PP068380.D	9.21	4.05
AR1254ICC250	AR1254ICC250	11/08/2024	08:12	PP068381.D	9.21	4.05
AR1254ICC050	AR1254ICC050	11/08/2024	08:28	PP068382.D	9.21	4.05
AR1262ICC500	AR1262ICC500	11/08/2024	08:45	PP068383.D	9.21	4.05
AR1268ICC1000	AR1268ICC1000	11/08/2024	09:01	PP068384.D	9.21	4.05
AR1268ICC750	AR1268ICC750	11/08/2024	09:17	PP068385.D	9.21	4.05
AR1268ICC500	AR1268ICC500	11/08/2024	09:34	PP068386.D	9.21	4.05
AR1268ICC250	AR1268ICC250	11/08/2024	09:50	PP068387.D	9.21	4.05
AR1268ICC050	AR1268ICC050	11/08/2024	10:39	PP068388.D	9.21	4.05
AR1660CCC500	AR1660CCC500	12/06/2024	09:34	PP068836.D	9.20	4.05
I.BLK	I.BLK	12/06/2024	10:39	PP068840.D	9.20	4.05
PB165421BL	PB165421BL	12/06/2024	13:09	PP068841.D	9.21	4.05
PB165421BS	PB165421BS	12/06/2024	13:25	PP068842.D	9.21	4.05
TAPIAL2-IDW-SOIL-120424-00-T2	P5117-02	12/06/2024	13:58	PP068844.D	9.20	4.05
TAPIAL2-IDW-SOIL-120424-00-T2MS	P5117-02MS	12/06/2024	14:14	PP068845.D	9.20	4.05
TAPIAL2-IDW-SOIL-120424-00-T2MSD	P5117-02MSD	12/06/2024	14:30	PP068846.D	9.20	4.05
AR1660CCC500	AR1660CCC500	12/06/2024	16:24	PP068851.D	9.20	4.05
I.BLK	I.BLK	12/06/2024	17:29	PP068855.D	9.20	4.05

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB165421BS

Contract: WEST04

Lab Code: CHEM Case No.: P5117 SAS No.: P5117 SDG NO.: P5117

Lab Sample ID: PB165421BS Date(s) Analyzed: 12/06/2024 12/06/2024

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 PP068842.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.928	5.878	5.978	147		
	2	5.951	5.901	6.001	147		
	3	6.014	5.964	6.064	154		
COLUMN 1	4	6.113	6.063	6.163	164		
	5	6.407	6.357	6.457	138	150	
	1	5.156	5.106	5.206	145		
	2	5.176	5.126	5.226	155		
	3	5.356	5.306	5.406	138		
	4	5.395	5.345	5.445	138		
COLUMN 2	5	5.614	5.564	5.664	136	142	5.48
Aroclor-1260	1	7.531	7.481	7.581	141		
	2	7.784	7.734	7.834	137		
	3	8.146	8.096	8.196	117		
COLUMN 1	4	8.385	8.335	8.435	123		
	5	8.723	8.673	8.773	116	127	
	1	6.657	6.607	6.707	141		
	2	6.843	6.793	6.893	139		
	3	7.001	6.951	7.051	142		
	4	7.475	7.425	7.525	127		
COLUMN 2	5	7.713	7.663	7.763	125	135	6.11

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
TAPIAL2-IDW-SOIL-1204

Contract: WEST04

Lab Code: CHEM Case No.: P5117 SAS No.: P5117 SDG NO.: P5117

Lab Sample ID: P5117-02MS Date(s) Analyzed: 12/06/2024 12/06/2024

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 PP068845.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.925	5.875	5.975	220		
	2	5.946	5.896	5.996	226		
	3	6.01	5.96	6.06	233		
COLUMN 1	4	6.109	6.059	6.159	241		
	5	6.403	6.353	6.453	211	226	
	1	5.153	5.103	5.203	232		
	2	5.173	5.123	5.223	231		
	3	5.354	5.304	5.404	226		
	4	5.393	5.343	5.443	223		
COLUMN 2	5	5.611	5.561	5.661	219	226	0
Aroclor-1260	1	7.527	7.477	7.577	210		
	2	7.78	7.73	7.83	208		
	3	8.142	8.092	8.192	172		
COLUMN 1	4	8.38	8.33	8.43	180		
	5	8.718	8.668	8.768	175	189	
	1	6.654	6.604	6.704	220		
	2	6.841	6.791	6.891	211		
	3	6.998	6.948	7.048	220		
	4	7.473	7.423	7.523	194		
COLUMN 2	5	7.712	7.662	7.762	191	207	9.09

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
TAPIAL2-IDW-SOIL-1204

Contract: WEST04

Lab Code: CHEM Case No.: P5117 SAS No.: P5117 SDG NO.: P5117

Lab Sample ID: P5117-02MSD Date(s) Analyzed: 12/06/2024 12/06/2024

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 PP068846.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.925	5.875	5.975	215		
	2	5.946	5.896	5.996	223		
	3	6.01	5.96	6.06	224		
COLUMN 1	4	6.108	6.058	6.158	236		
	5	6.402	6.352	6.452	208	221	
	1	5.153	5.103	5.203	228		
	2	5.173	5.123	5.223	225		
	3	5.353	5.303	5.403	220		
	4	5.392	5.342	5.442	218		
COLUMN 2	5	5.611	5.561	5.661	215	221	0
Aroclor-1260	1	7.526	7.476	7.576	210		
	2	7.779	7.729	7.829	209		
	3	8.141	8.091	8.191	174		
COLUMN 1	4	8.38	8.33	8.43	181		
	5	8.717	8.667	8.767	174	190	
	1	6.654	6.604	6.704	217		
	2	6.841	6.791	6.891	210		
	3	6.998	6.948	7.048	216		
	4	7.472	7.422	7.522	192		
COLUMN 2	5	7.711	7.661	7.761	188	205	7.59

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:	PB165421BL	SDG No.:	P5117
Lab Sample ID:	PB165421BL	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
PP068841.D	1	12/06/24 08:25	12/06/24 13:09	PB165421

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	19.5		44 - 130		98%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.7		60 - 125		98%	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\PP120624\
Data File : PP068841.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Dec 2024 13:09
Operator : YP\AJ
Sample : PB165421BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB165421BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 22:55:31 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.771	4.052	18018834	18914240	18.564	19.534
2)	SA Decachlor...	10.699	9.213	24572925	22253516	19.635	19.673
	Target Compounds						

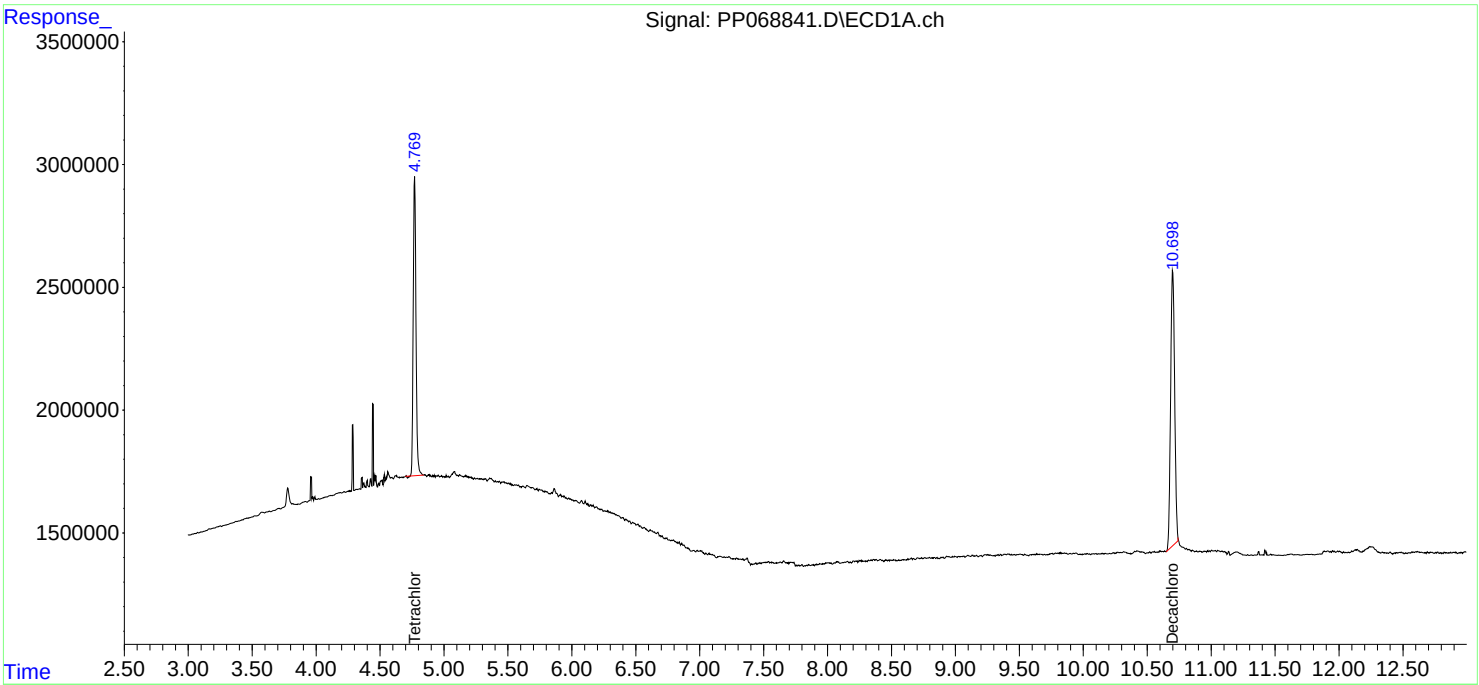
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

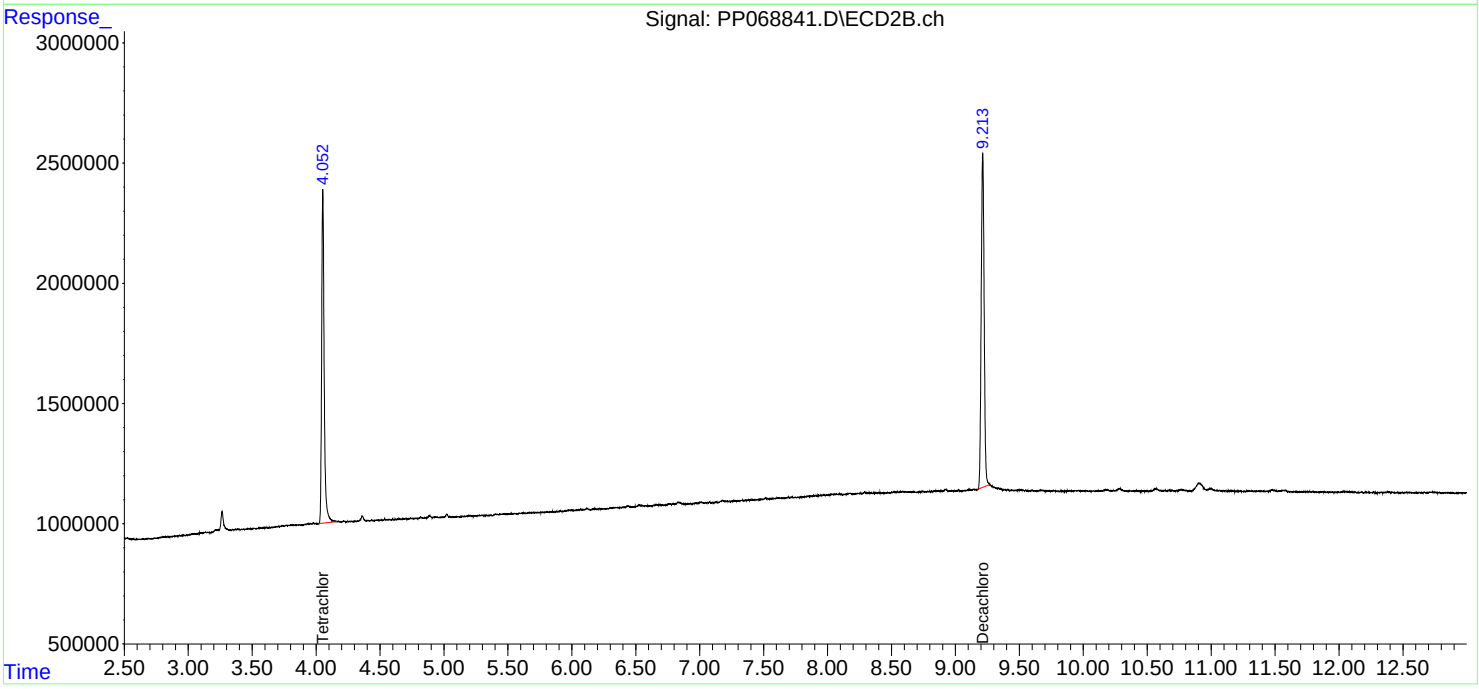
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120624\
Data File : PP068841.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Dec 2024 13:09
Operator : YP\AJ
Sample : PB165421BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

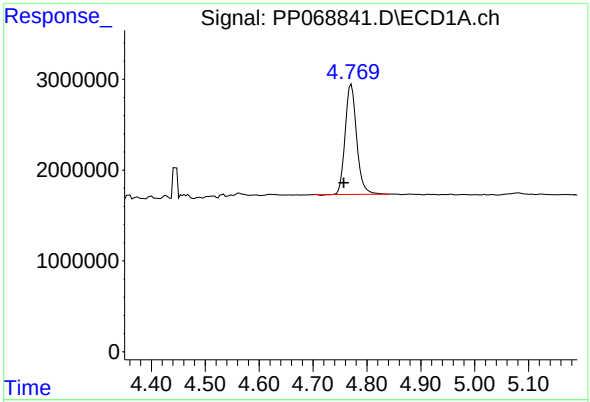
Instrument :
ECD_P
ClientSampleId :
PB165421BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 22:55:31 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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



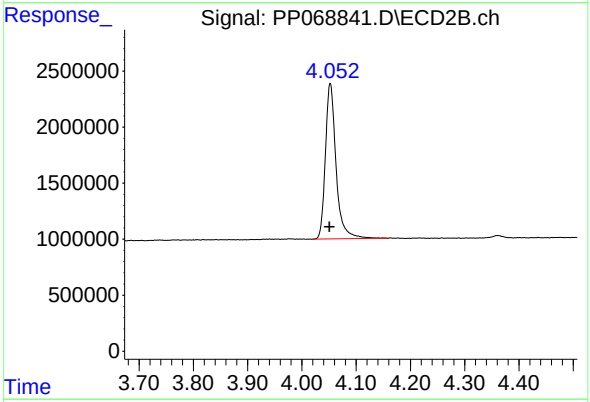




#1 Tetrachloro-m-xylene

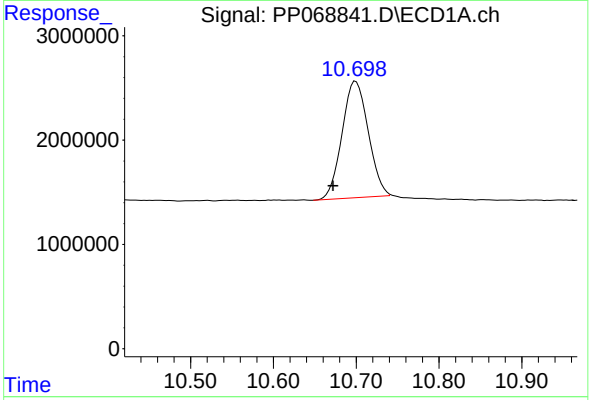
R.T.: 4.771 min
Delta R.T.: 0.014 min
Response: 18018834
Conc: 18.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB165421BL



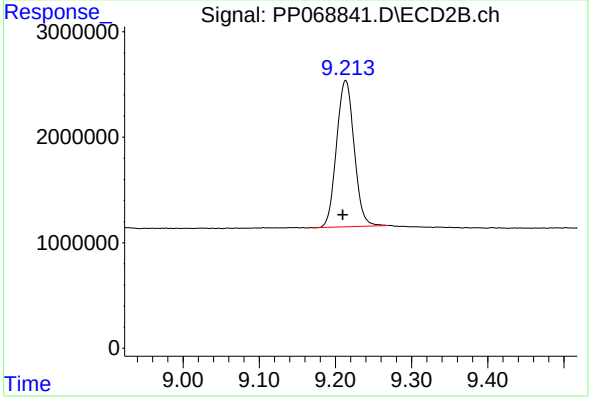
#1 Tetrachloro-m-xylene

R.T.: 4.052 min
Delta R.T.: 0.001 min
Response: 18914240
Conc: 19.53 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.699 min
Delta R.T.: 0.027 min
Response: 24572925
Conc: 19.64 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.213 min
Delta R.T.: 0.004 min
Response: 22253516
Conc: 19.67 ng/ml

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions	Date Collected:	11/08/24
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	11/08/24
Client Sample ID:	PIBLK-PP068360.D	SDG No.:	P5117
Lab Sample ID:	I.BLK-PP068360.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
PP068360.D	1		11/08/24	PP110724

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	21.0		60 - 140		105%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.4		60 - 140		117%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068360.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 02:29
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 11:04:37 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.758	4.051	20425040	20909072	21.043	21.594
2)	SA Decachlor...	10.673	9.211	29234671	26707741	23.360	23.611
	Target Compounds						

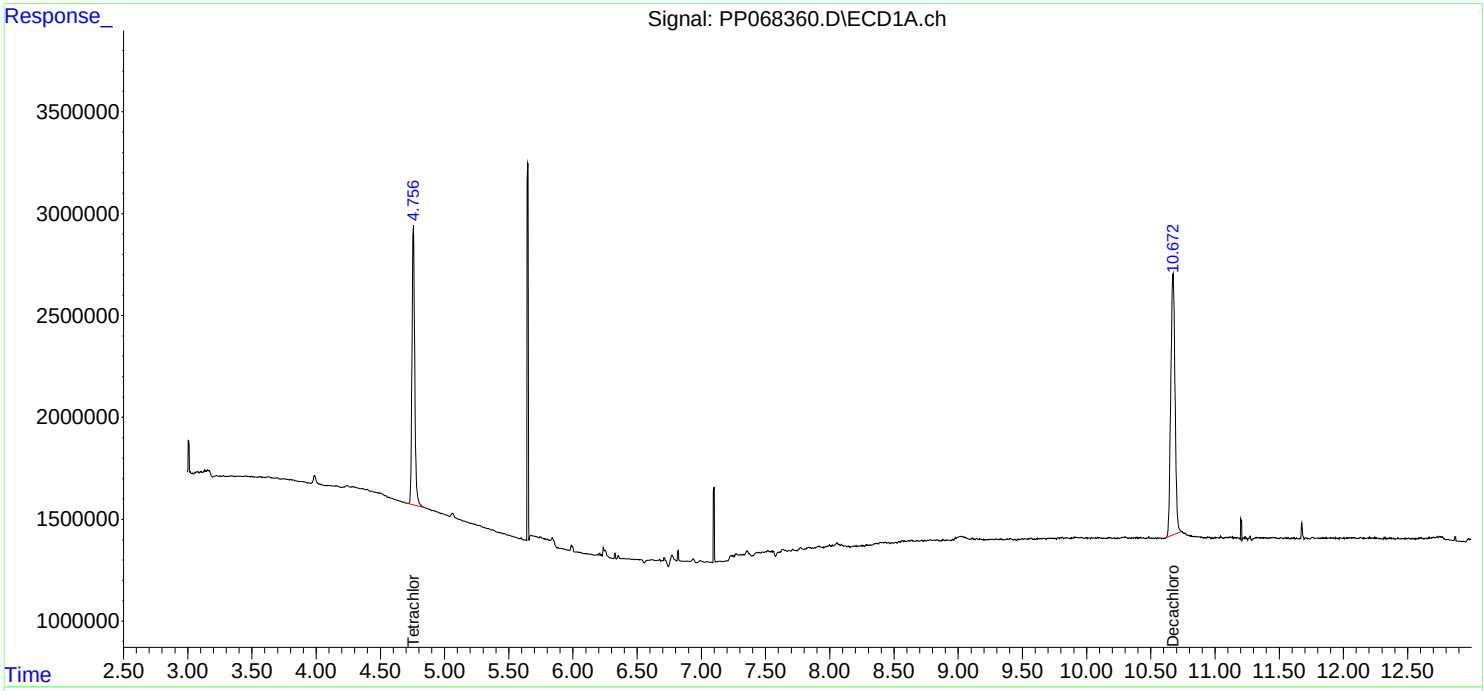
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

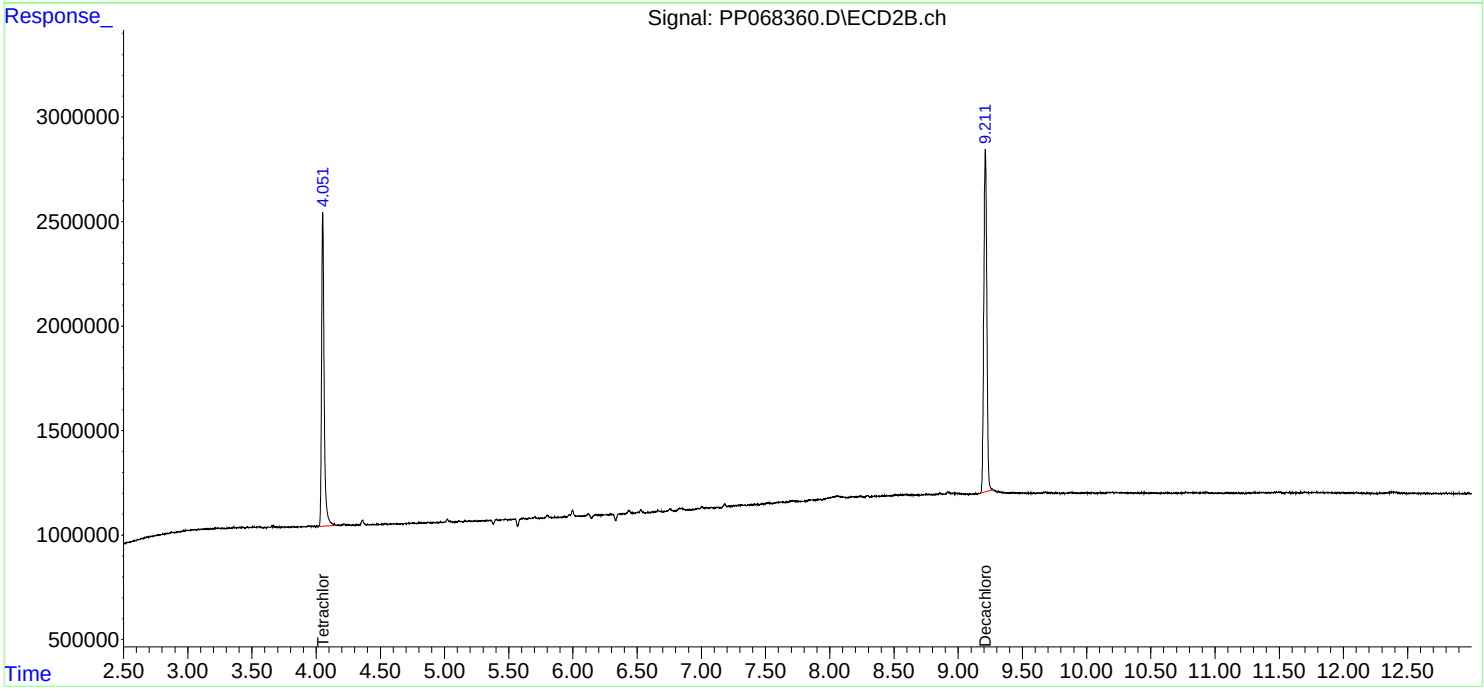
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068360.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 02:29
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

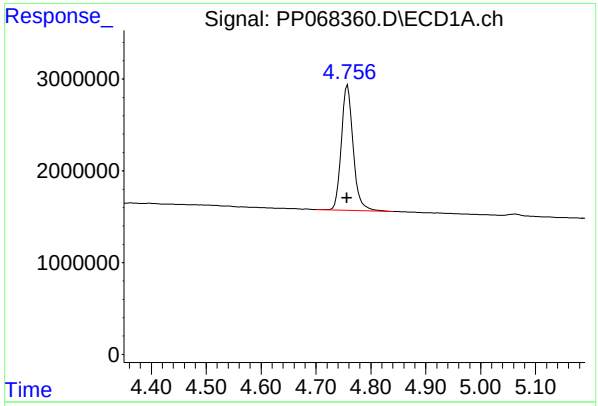
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 11:04:37 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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



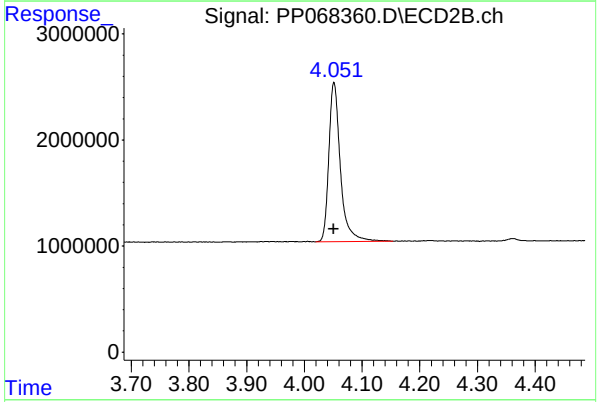




#1 Tetrachloro-m-xylene

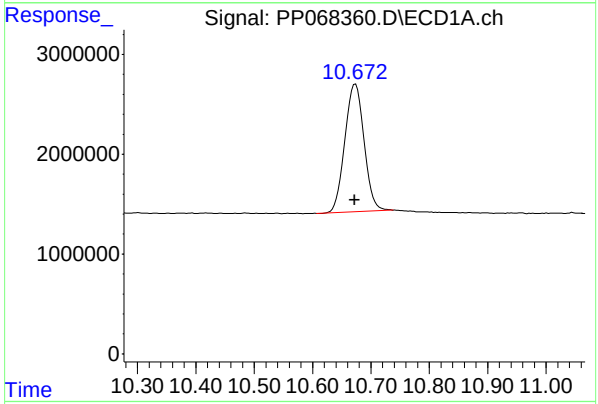
R.T.: 4.758 min
Delta R.T.: 0.000 min
Response: 20425040
Conc: 21.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



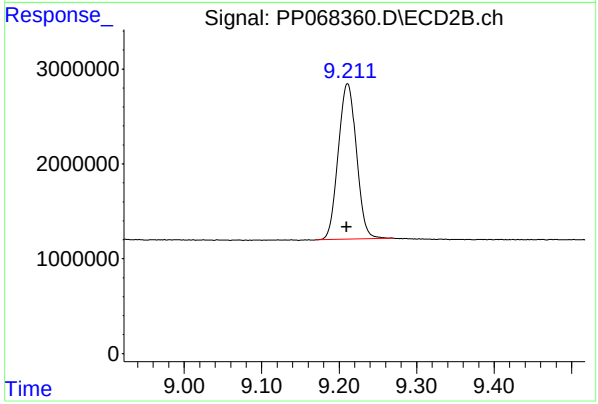
#1 Tetrachloro-m-xylene

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 20909072
Conc: 21.59 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.673 min
Delta R.T.: 0.001 min
Response: 29234671
Conc: 23.36 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.211 min
Delta R.T.: 0.001 min
Response: 26707741
Conc: 23.61 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:	12/06/24
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	12/06/24
Client Sample ID:	PIBLK-PP068840.D	SDG No.:	P5117
Lab Sample ID:	I.BLK-PP068840.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
PP068840.D	1		12/06/24	PP120624

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	20.0		60 - 140		100%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.0		60 - 140		105%	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\PP120624\
Data File : PP068840.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Dec 2024 10:39
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: Dec 06 22:55:06 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.760	4.048	19450174	20153998	20.039	20.814
2)	SA Decachlor...	10.678	9.202	26871775	23712997	21.472	20.963
	Target Compounds						

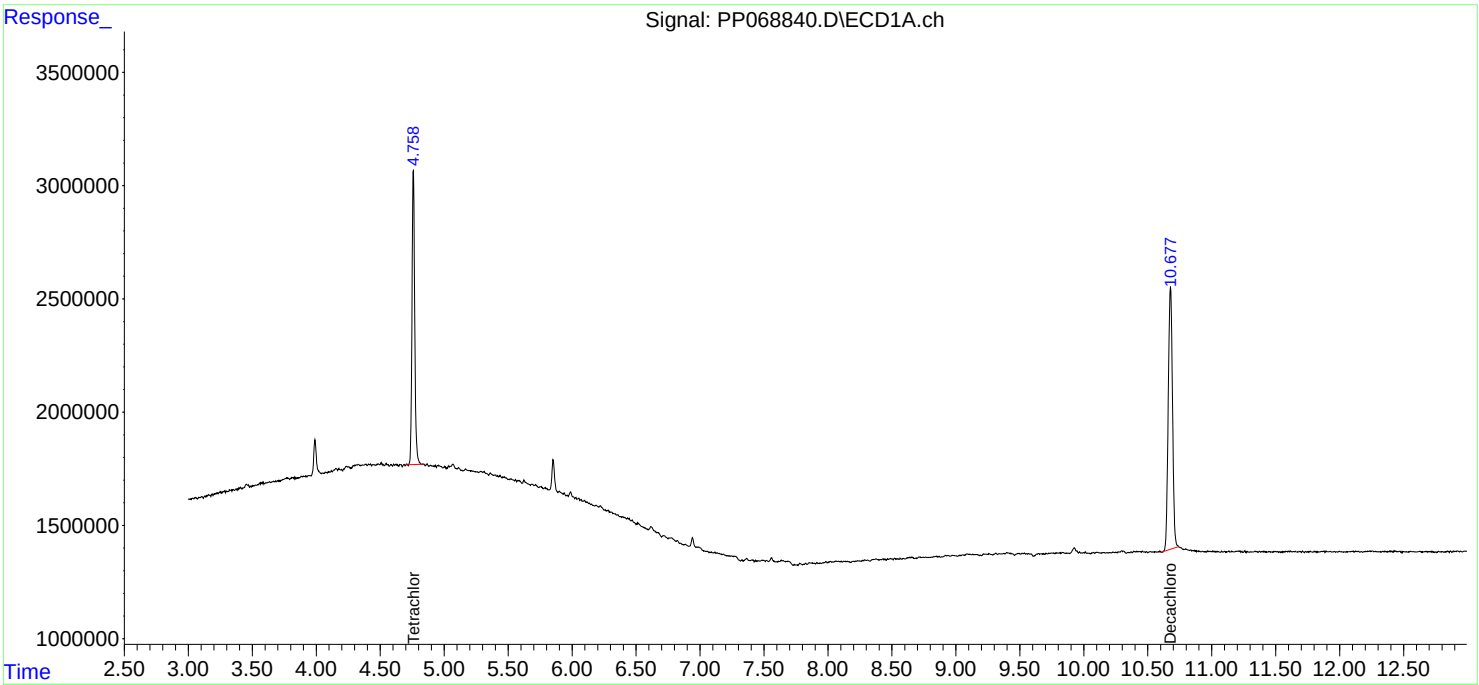
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

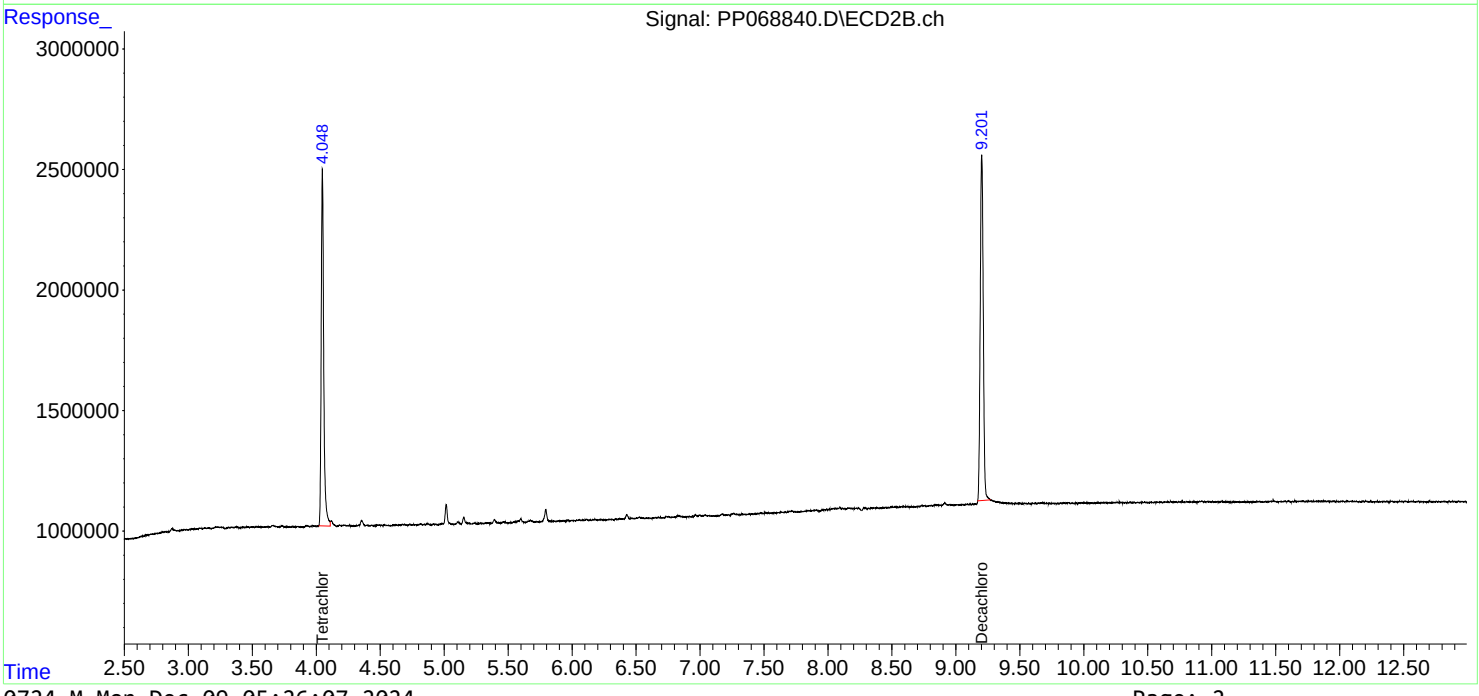
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120624\
Data File : PP068840.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Dec 2024 10:39
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

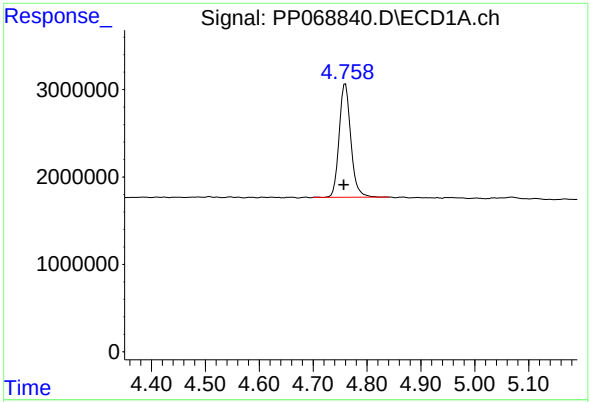
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 22:55:06 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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



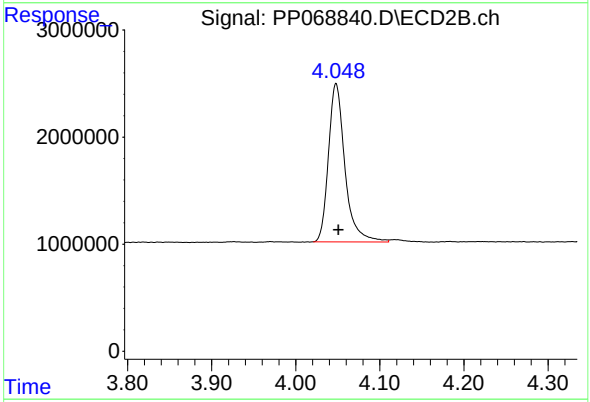




#1 Tetrachloro-m-xylene

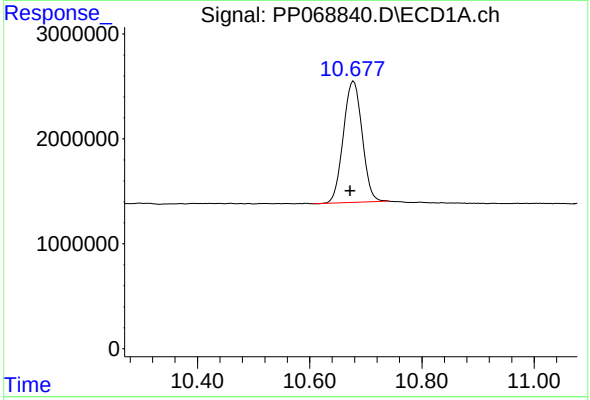
R.T.: 4.760 min
Delta R.T.: 0.003 min
Response: 19450174
Conc: 20.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



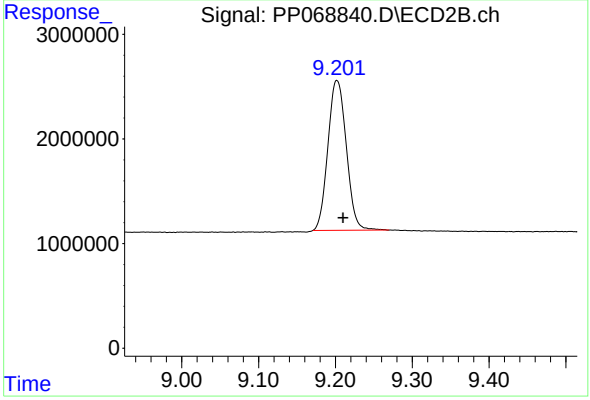
#1 Tetrachloro-m-xylene

R.T.: 4.048 min
Delta R.T.: -0.003 min
Response: 20153998
Conc: 20.81 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.678 min
Delta R.T.: 0.006 min
Response: 26871775
Conc: 21.47 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.202 min
Delta R.T.: -0.008 min
Response: 23712997
Conc: 20.96 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:	12/06/24
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	12/06/24
Client Sample ID:	PIBLK-PP068855.D	SDG No.:	P5117
Lab Sample ID:	I.BLK-PP068855.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
PP068855.D	1		12/06/24	PP120624

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	20.5		60 - 140		103%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.3		60 - 140		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\PP120624\
Data File : PP068855.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Dec 2024 17:29
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 23:01:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.755	4.046	20741115	19890000	21.369	20.541
2)	SA Decachlor...	10.672	9.200	26642639	24129964	21.289	21.332
	Target Compounds						

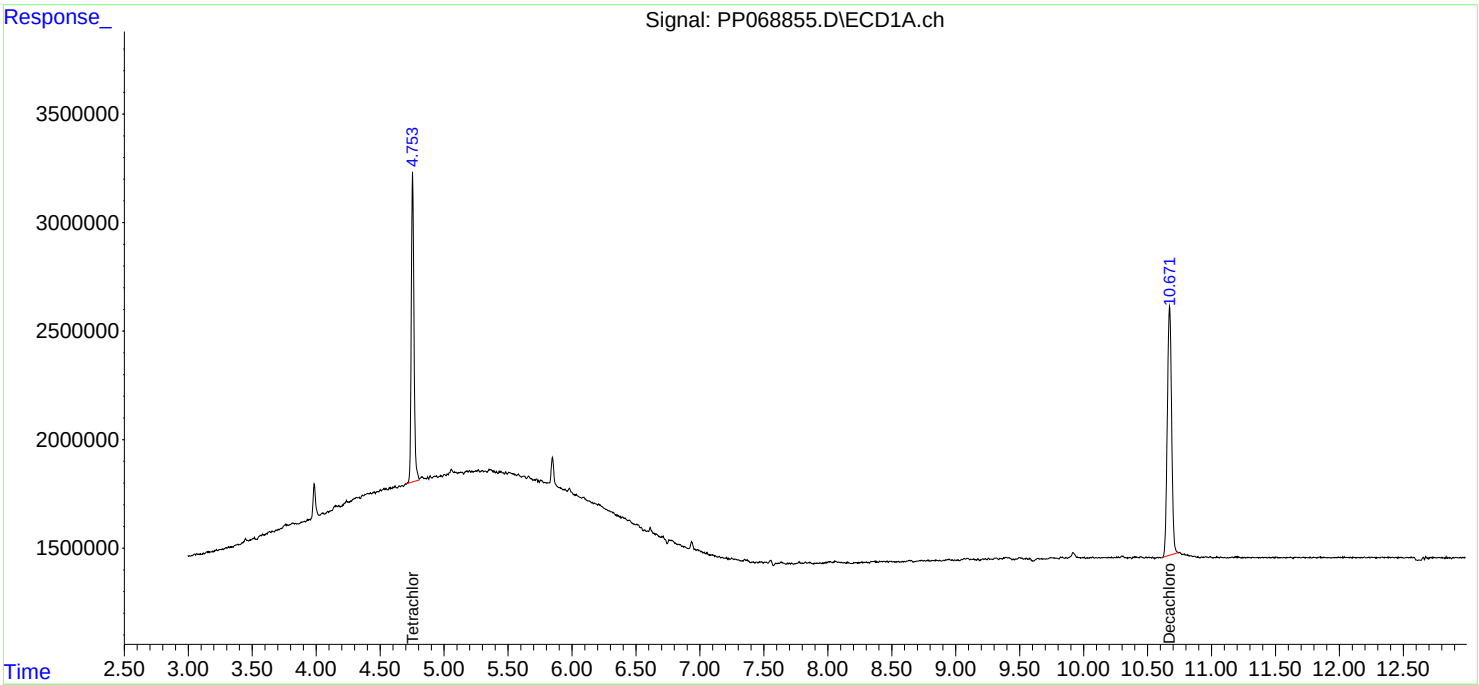
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

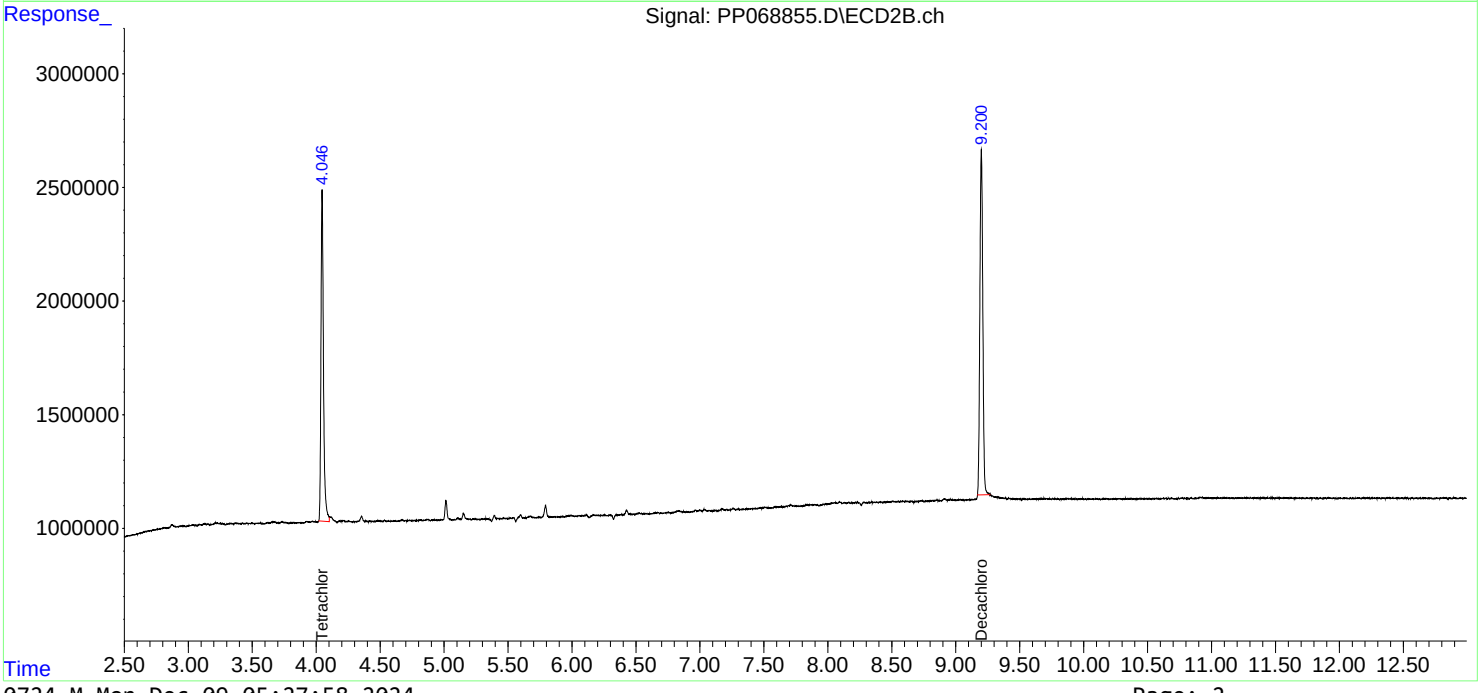
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120624\
Data File : PP068855.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Dec 2024 17:29
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

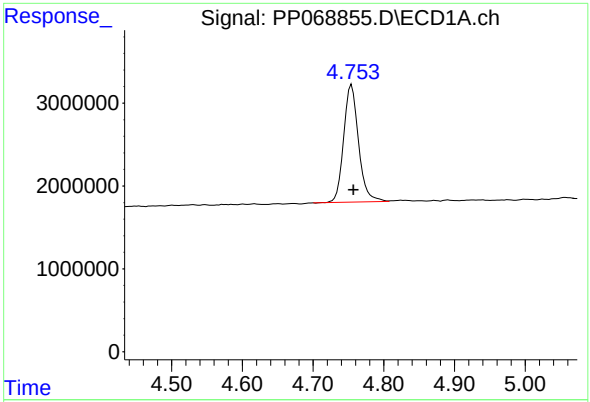
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 23:01:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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



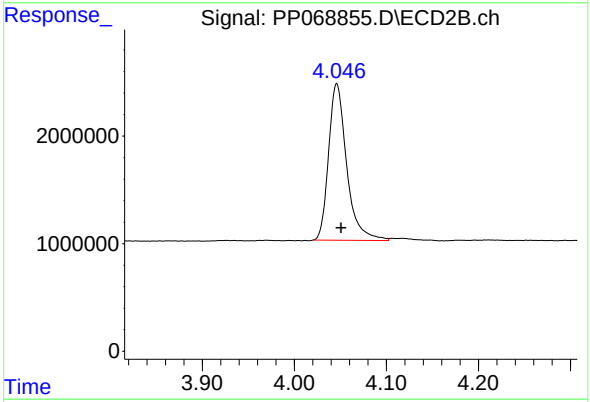




#1 Tetrachloro-m-xylene

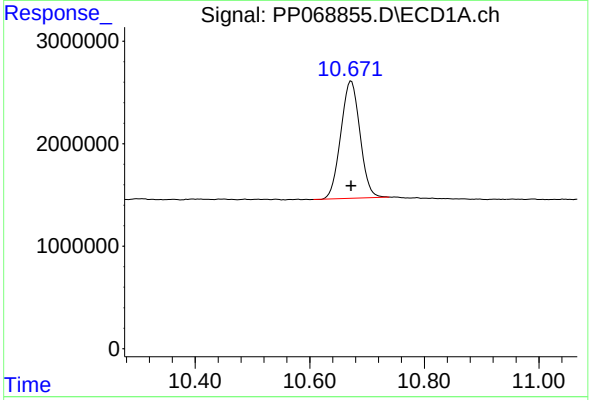
R.T.: 4.755 min
Delta R.T.: -0.002 min
Response: 20741115
Conc: 21.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



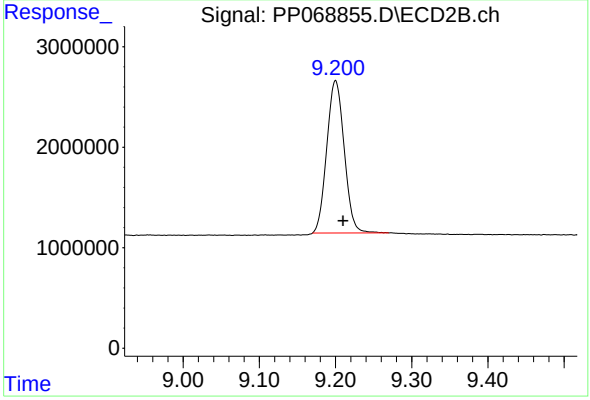
#1 Tetrachloro-m-xylene

R.T.: 4.046 min
Delta R.T.: -0.005 min
Response: 19890000
Conc: 20.54 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.672 min
Delta R.T.: 0.000 min
Response: 26642639
Conc: 21.29 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.200 min
Delta R.T.: -0.010 min
Response: 24129964
Conc: 21.33 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:	
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	
Client Sample ID:	PB165421BS	SDG No.:	P5117
Lab Sample ID:	PB165421BS	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
PP068842.D	1	12/06/24 08:25	12/06/24 13:25	PB165421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	150		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	135		2.90	8.30	17.0	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.3		44 - 130		102%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.5		60 - 125		103%	SPK: 20

Comments:

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

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120624\
Data File : PP068842.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Dec 2024 13:25
Operator : YP\AJ
Sample : PB165421BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB165421BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 22:55:54 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.763	4.050	19013643	19688995	19.589	20.334
2)	SA Decachlor...	10.686	9.205	19456109	23196546	15.546	20.506 #
	Target Compounds						
3)	L1 AR-1016-1	5.928	5.156	15831920	14360321	440.558	434.541
4)	L1 AR-1016-2	5.951	5.176	23408288	21679772	442.080	463.812
5)	L1 AR-1016-3	6.014	5.356	15349317	11158101	463.606	412.648
6)	L1 AR-1016-4	6.113	5.395	12896601	9775029	490.700	414.284
7)	L1 AR-1016-5	6.407	5.614	11640130	12057499	412.654	406.769
31)	L7 AR-1260-1	7.531	6.657	22919322	23590677	423.615	423.919
32)	L7 AR-1260-2	7.784	6.843	26108980	27662544	410.448	417.638
33)	L7 AR-1260-3	8.146	7.001	18829508	26325195	350.043	425.345
34)	L7 AR-1260-4	8.385	7.475	22979713	20138396	369.283	381.865
35)	L7 AR-1260-5	8.723	7.713	39315220	44491346	347.355	373.638

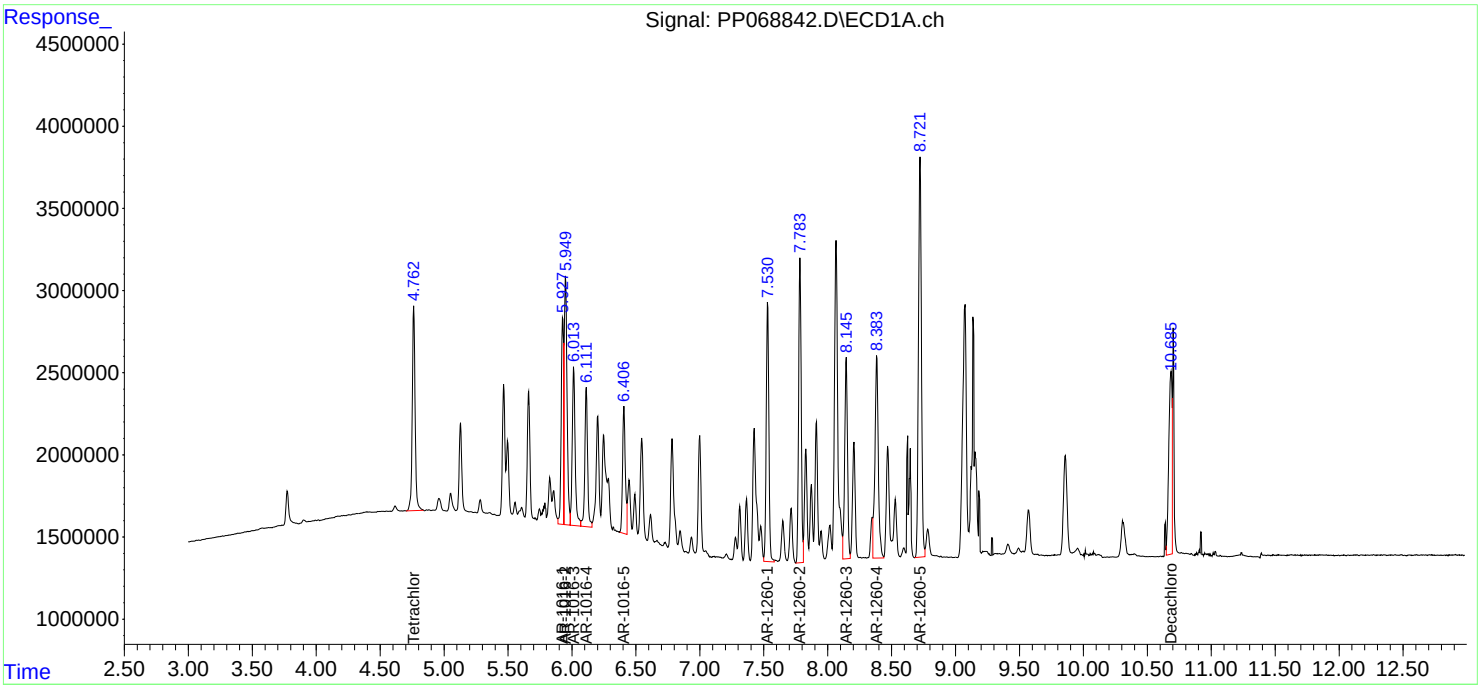
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

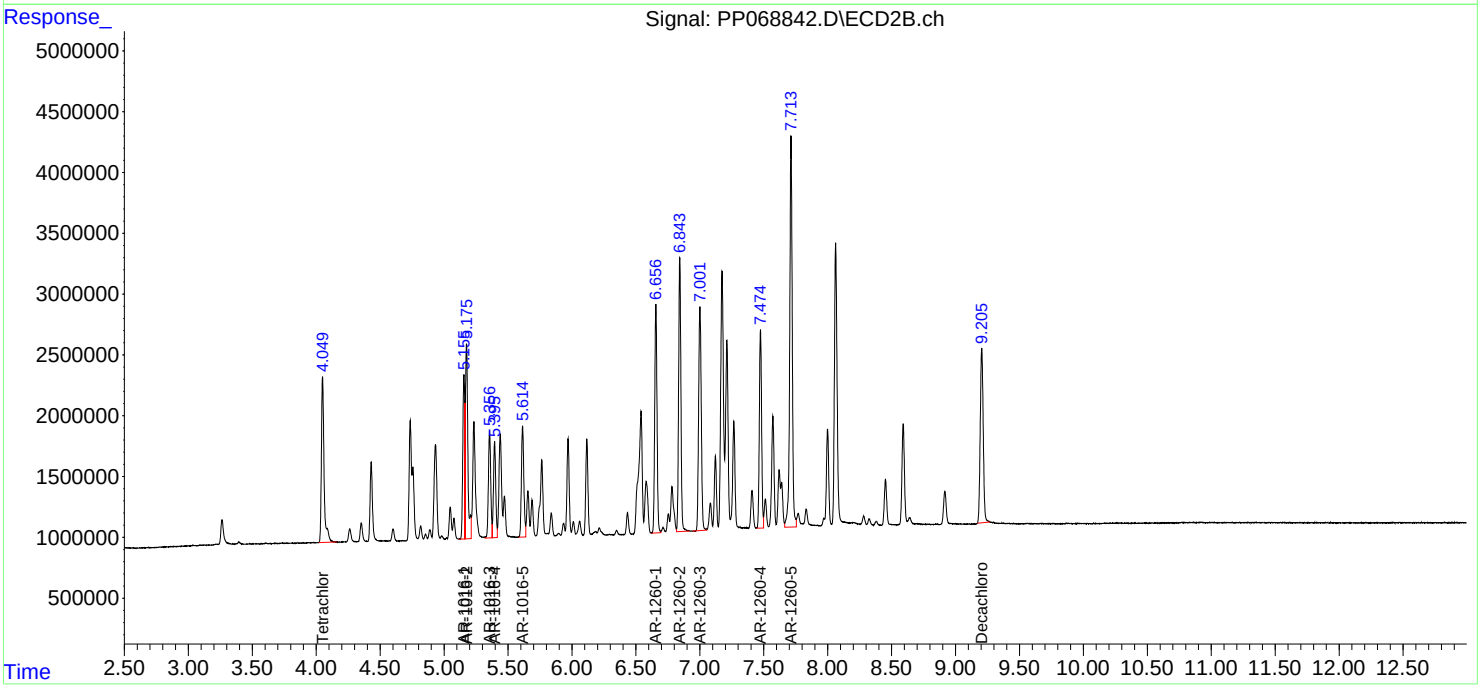
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120624\
Data File : PP068842.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Dec 2024 13:25
Operator : YP\AJ
Sample : PB165421BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

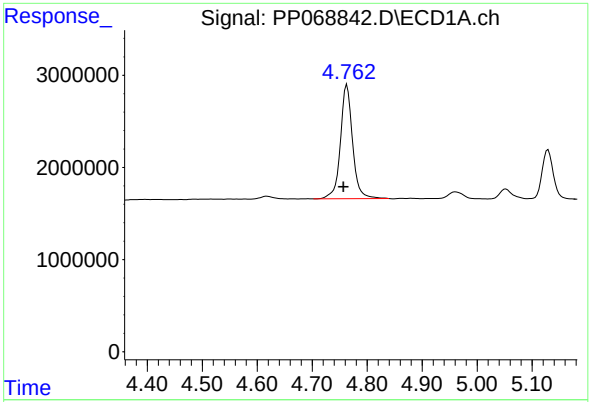
Instrument :
ECD_P
ClientSampleId :
PB165421BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 22:55:54 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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



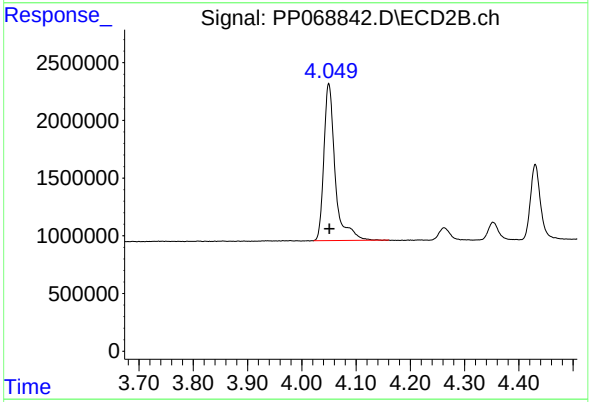




#1 Tetrachloro-m-xylene

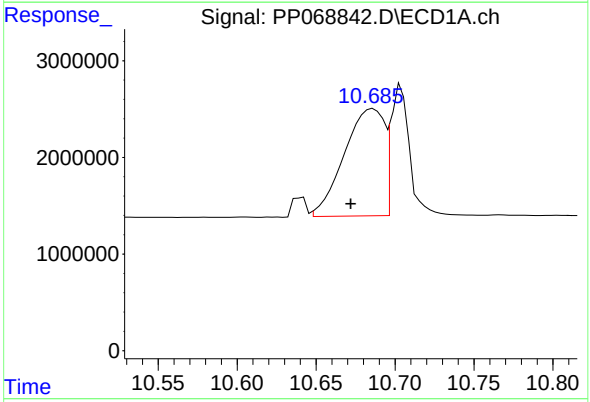
R.T.: 4.763 min
Delta R.T.: 0.006 min
Response: 19013643
Conc: 19.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB165421BS



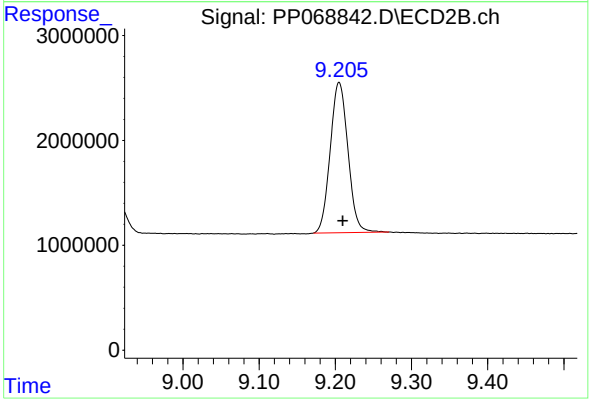
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: -0.001 min
Response: 19688995
Conc: 20.33 ng/ml



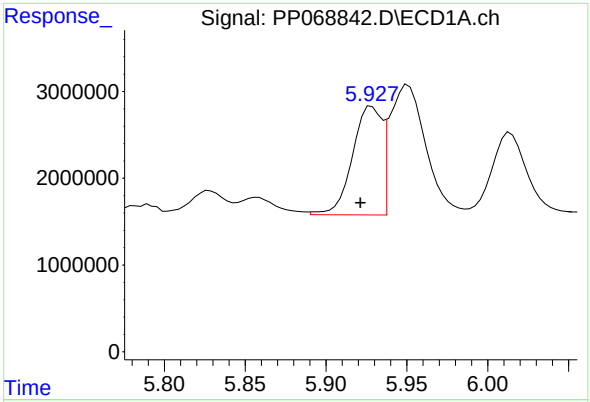
#2 Decachlorobiphenyl

R.T.: 10.686 min
Delta R.T.: 0.014 min
Response: 19456109
Conc: 15.55 ng/ml



#2 Decachlorobiphenyl

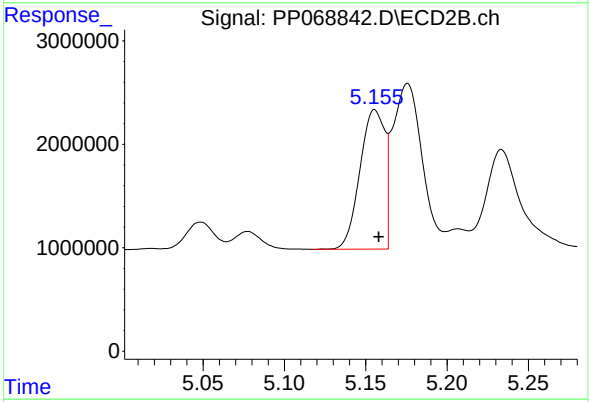
R.T.: 9.205 min
Delta R.T.: -0.005 min
Response: 23196546
Conc: 20.51 ng/ml



#3 AR-1016-1

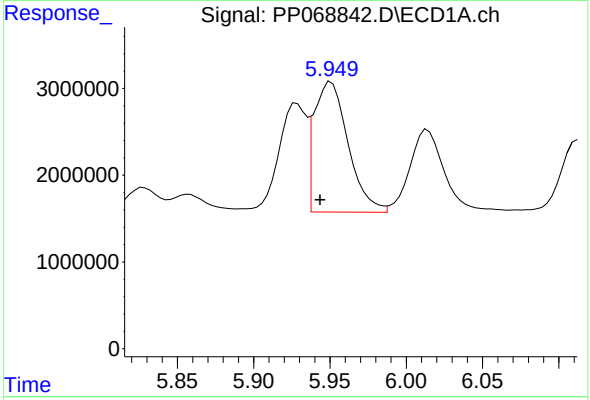
R.T.: 5.928 min
Delta R.T.: 0.007 min
Response: 15831920
Conc: 440.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB165421BS



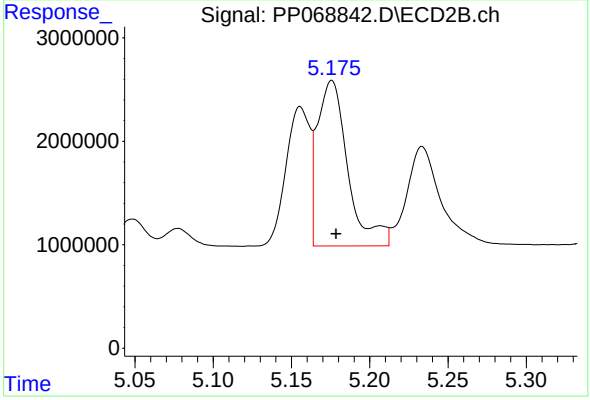
#3 AR-1016-1

R.T.: 5.156 min
Delta R.T.: -0.002 min
Response: 14360321
Conc: 434.54 ng/ml



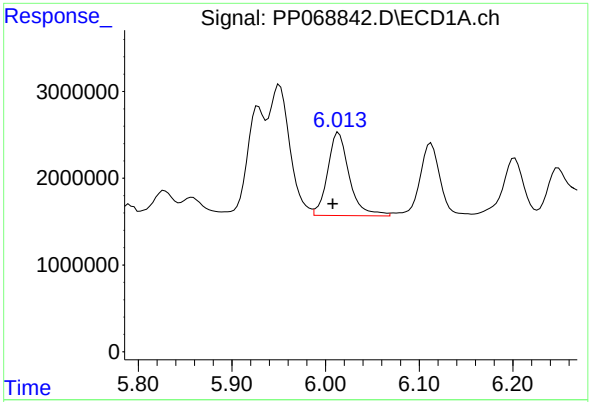
#4 AR-1016-2

R.T.: 5.951 min
Delta R.T.: 0.007 min
Response: 23408288
Conc: 442.08 ng/ml



#4 AR-1016-2

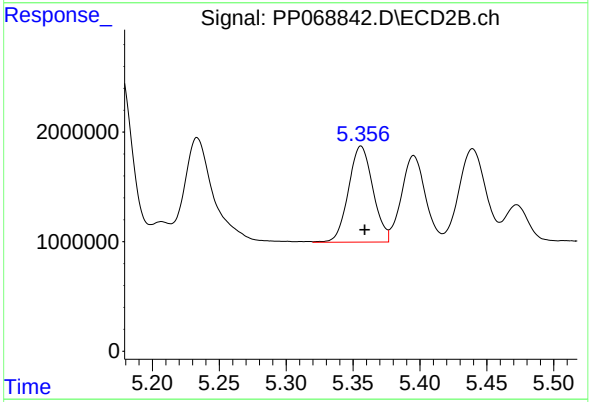
R.T.: 5.176 min
Delta R.T.: -0.003 min
Response: 21679772
Conc: 463.81 ng/ml



#5 AR-1016-3

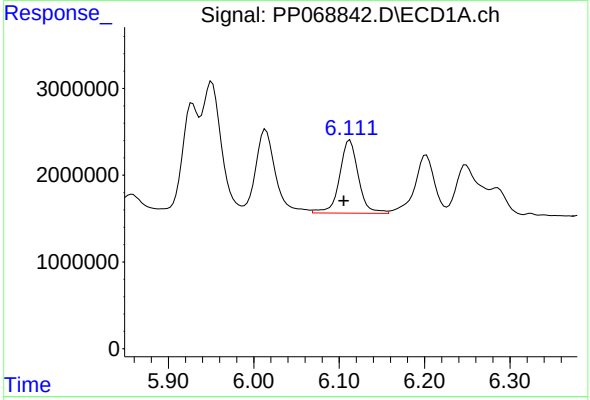
R.T.: 6.014 min
Delta R.T.: 0.006 min
Response: 15349317
Conc: 463.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB165421BS



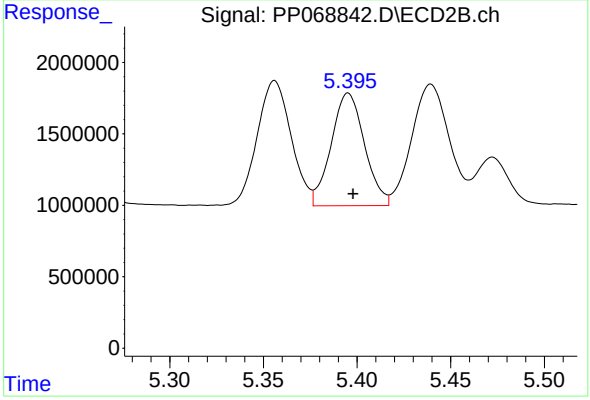
#5 AR-1016-3

R.T.: 5.356 min
Delta R.T.: -0.003 min
Response: 11158101
Conc: 412.65 ng/ml



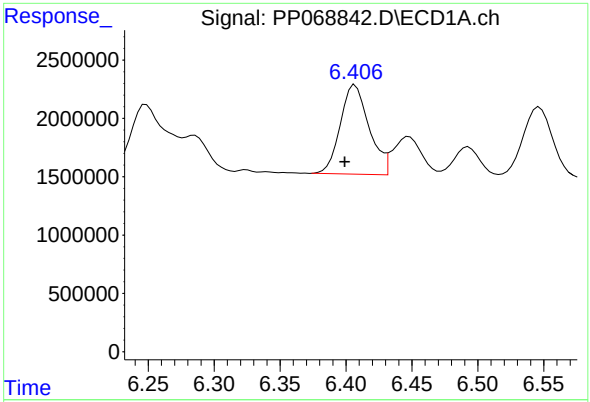
#6 AR-1016-4

R.T.: 6.113 min
Delta R.T.: 0.007 min
Response: 12896601
Conc: 490.70 ng/ml



#6 AR-1016-4

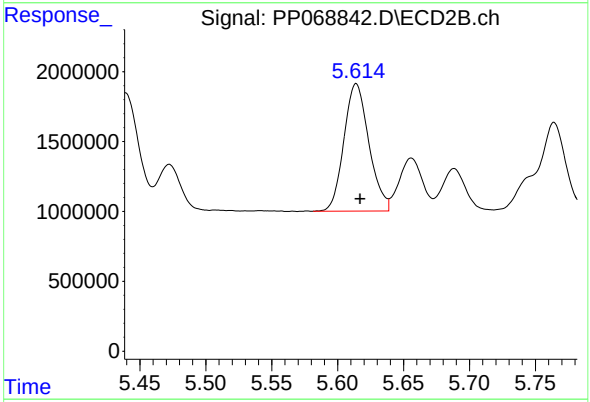
R.T.: 5.395 min
Delta R.T.: -0.003 min
Response: 9775029
Conc: 414.28 ng/ml



#7 AR-1016-5

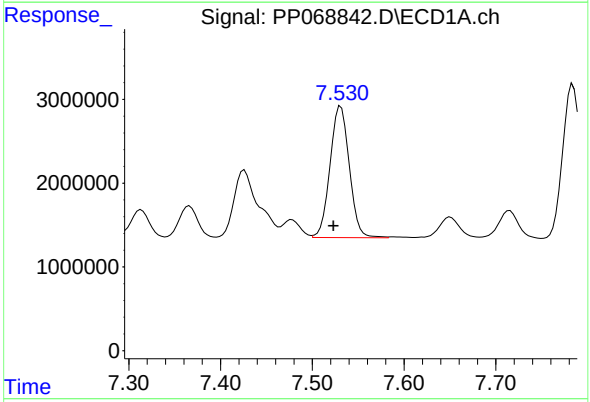
R.T.: 6.407 min
Delta R.T.: 0.008 min
Response: 11640130
Conc: 412.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB165421BS



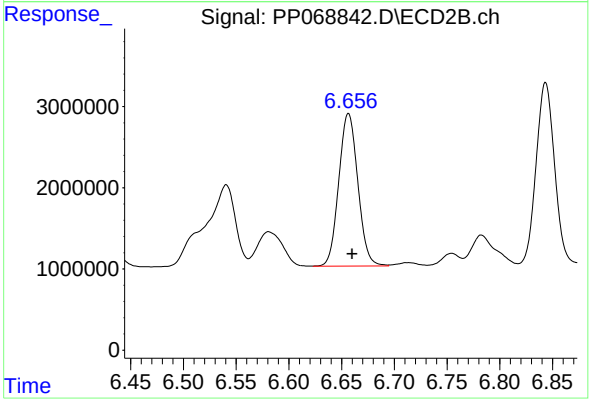
#7 AR-1016-5

R.T.: 5.614 min
Delta R.T.: -0.003 min
Response: 12057499
Conc: 406.77 ng/ml



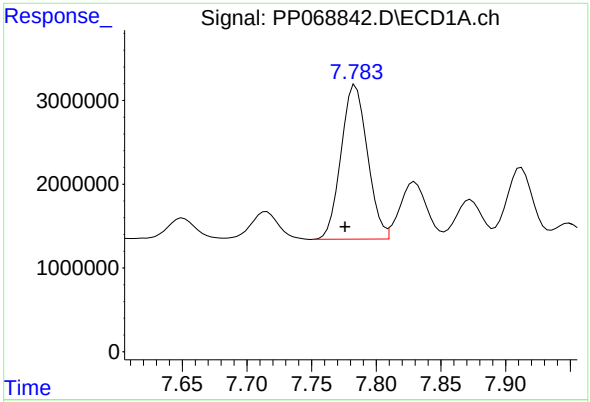
#31 AR-1260-1

R.T.: 7.531 min
Delta R.T.: 0.008 min
Response: 22919322
Conc: 423.61 ng/ml



#31 AR-1260-1

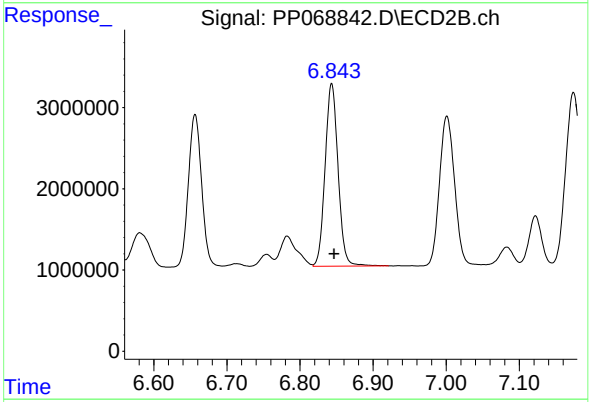
R.T.: 6.657 min
Delta R.T.: -0.003 min
Response: 23590677
Conc: 423.92 ng/ml



#32 AR-1260-2

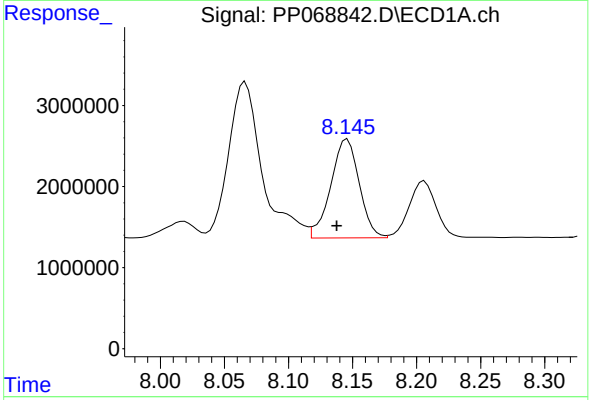
R.T.: 7.784 min
Delta R.T.: 0.008 min
Response: 26108980
Conc: 410.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB165421BS



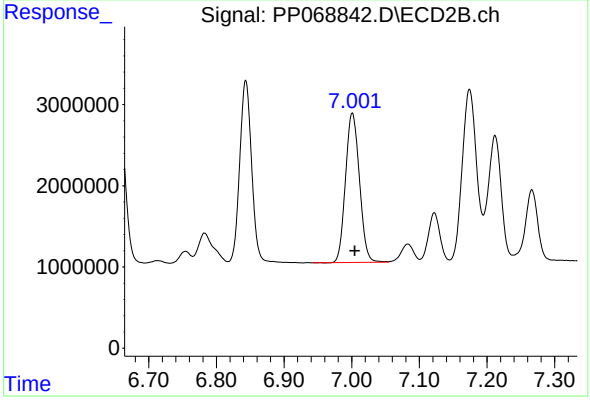
#32 AR-1260-2

R.T.: 6.843 min
Delta R.T.: -0.004 min
Response: 27662544
Conc: 417.64 ng/ml



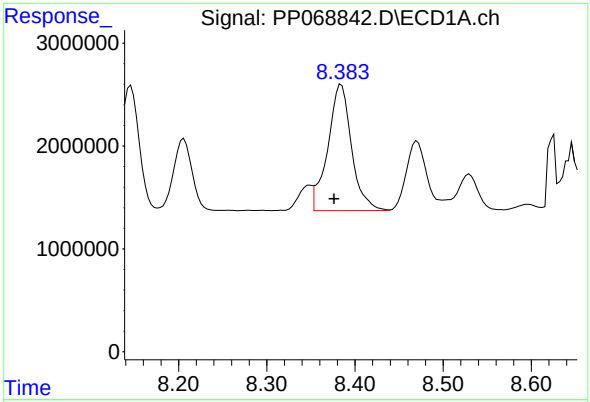
#33 AR-1260-3

R.T.: 8.146 min
Delta R.T.: 0.008 min
Response: 18829508
Conc: 350.04 ng/ml



#33 AR-1260-3

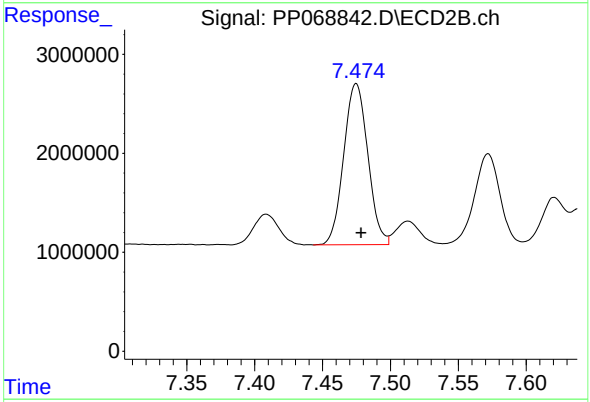
R.T.: 7.001 min
Delta R.T.: -0.003 min
Response: 26325195
Conc: 425.34 ng/ml



#34 AR-1260-4

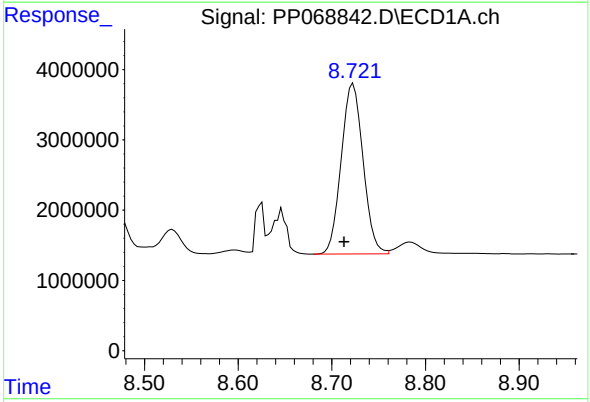
R.T.: 8.385 min
Delta R.T.: 0.008 min
Response: 22979713
Conc: 369.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB165421BS



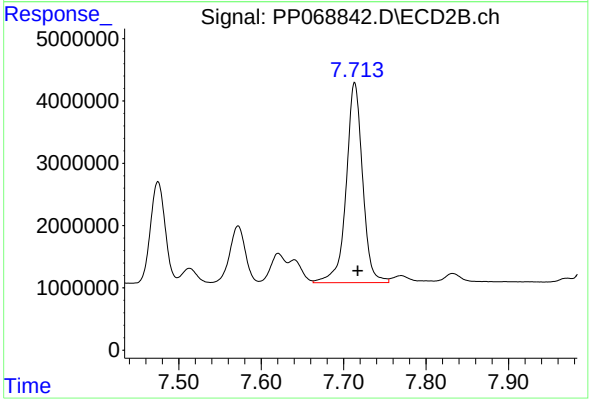
#34 AR-1260-4

R.T.: 7.475 min
Delta R.T.: -0.003 min
Response: 20138396
Conc: 381.86 ng/ml



#35 AR-1260-5

R.T.: 8.723 min
Delta R.T.: 0.010 min
Response: 39315220
Conc: 347.36 ng/ml



#35 AR-1260-5

R.T.: 7.713 min
Delta R.T.: -0.003 min
Response: 44491346
Conc: 373.64 ng/ml

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

Report of Analysis

Client:	Weston Solutions	Date Collected:	12/05/24
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	12/05/24
Client Sample ID:	TAPIAL2-IDW-SOIL-120424-00-T2MS	SDG No.:	P5117
Lab Sample ID:	P5117-02MS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	79.8 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP068845.D	1	12/06/24 08:25	12/06/24 14:14	PB165421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	226		4.20	10.4	21.3	ug/kg
11104-28-2	Aroclor-1221	16.3	U	8.00	16.3	21.3	ug/kg
11141-16-5	Aroclor-1232	16.3	U	4.30	16.3	21.3	ug/kg
53469-21-9	Aroclor-1242	10.4	U	4.20	10.4	21.3	ug/kg
12672-29-6	Aroclor-1248	16.3	U	9.90	16.3	21.3	ug/kg
11097-69-1	Aroclor-1254	16.3	U	3.40	16.3	21.3	ug/kg
37324-23-5	Aroclor-1262	10.4	U	5.70	10.4	21.3	ug/kg
11100-14-4	Aroclor-1268	16.3	U	4.30	16.3	21.3	ug/kg
11096-82-5	Aroclor-1260	207		3.60	10.4	21.3	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.7		44 - 130		103%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.6		60 - 125		88%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120624\
Data File : PP068845.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Dec 2024 14:14
Operator : YP\AJ
Sample : P5117-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TAPIAL2-IDW-SOIL-120424-00-T2MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 22:57:21 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.760	4.048	20066349	19321194	20.674	19.954
2)	SA Decachlor...	10.680	9.202	21006716	19859292	16.786	17.556
	Target Compounds						
3)	L1 AR-1016-1	5.925	5.153	18958882	18416239	527.572	557.272
4)	L1 AR-1016-2	5.946	5.173	28687345	25875743	541.779	553.579
5)	L1 AR-1016-3	6.010	5.354	18539947	14671917	559.975	542.596
6)	L1 AR-1016-4	6.109	5.393	15189229	12650872	577.931	536.168
7)	L1 AR-1016-5	6.403	5.611	14299903	15569539	506.945	525.250
31)	L7 AR-1260-1	7.527	6.654	27247483	29334867	503.611	527.141
32)	L7 AR-1260-2	7.780	6.841	31723224	33500286	498.707	505.773
33)	L7 AR-1260-3	8.142	6.998	22209767	32619990	412.882	527.052 #
34)	L7 AR-1260-4	8.380	7.473	26851116	24499344	431.496	464.557
35)	L7 AR-1260-5	8.718	7.712	47544153	54671501	420.059	459.131

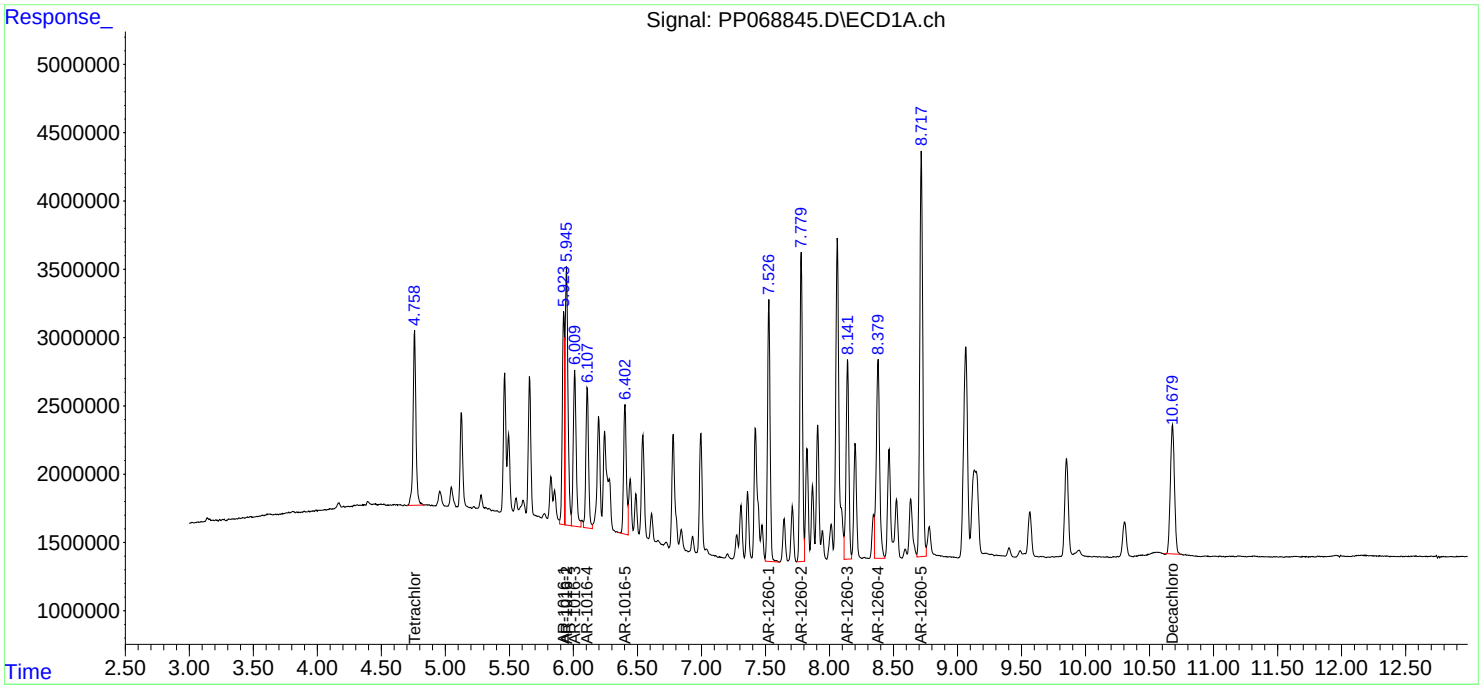
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

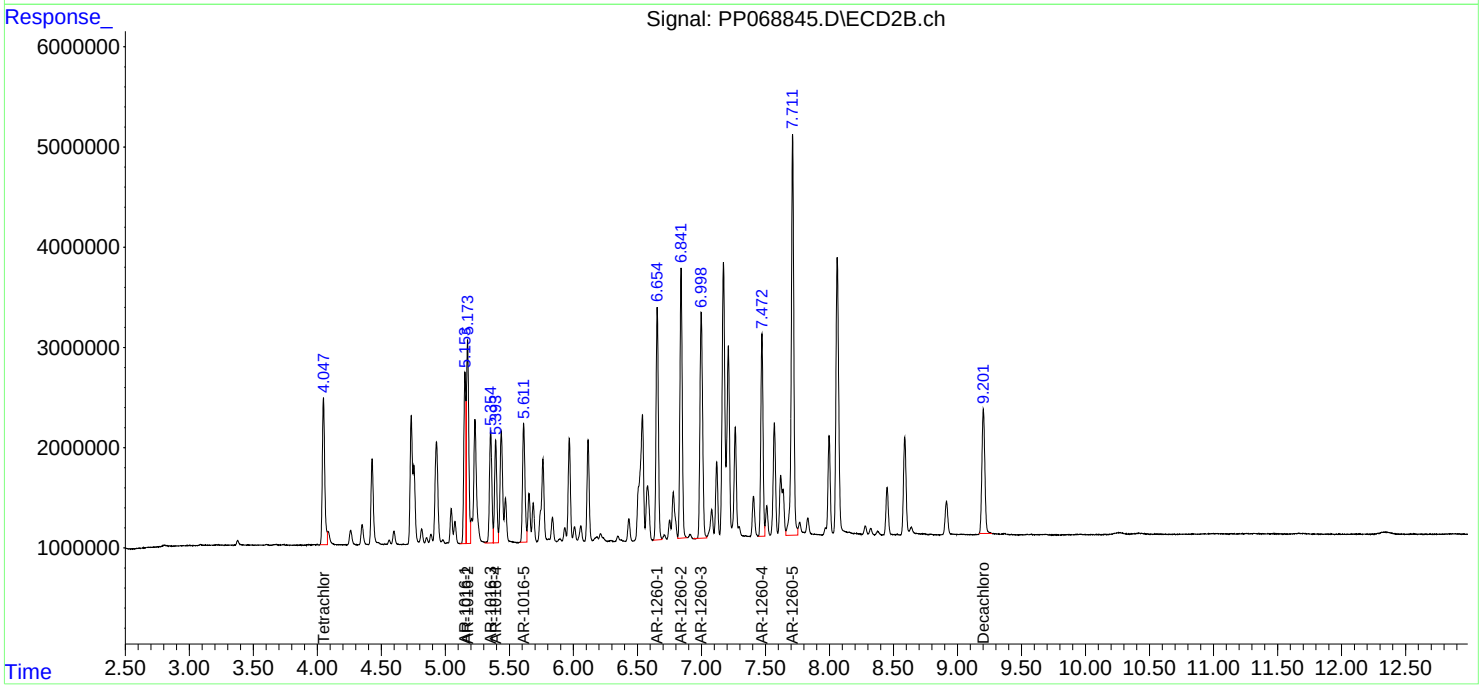
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120624\
Data File : PP068845.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Dec 2024 14:14
Operator : YP\AJ
Sample : P5117-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

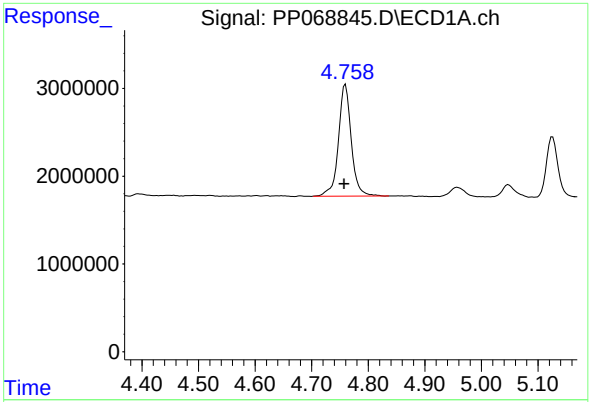
Instrument :
ECD_P
ClientSampleId :
TAPIAL2-IDW-SOIL-120424-00-T2MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 22:57:21 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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



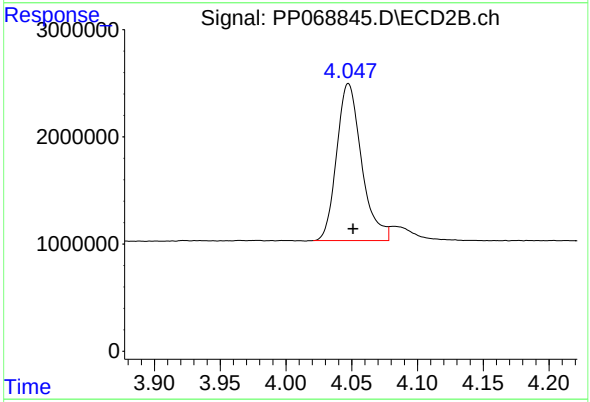




#1 Tetrachloro-m-xylene

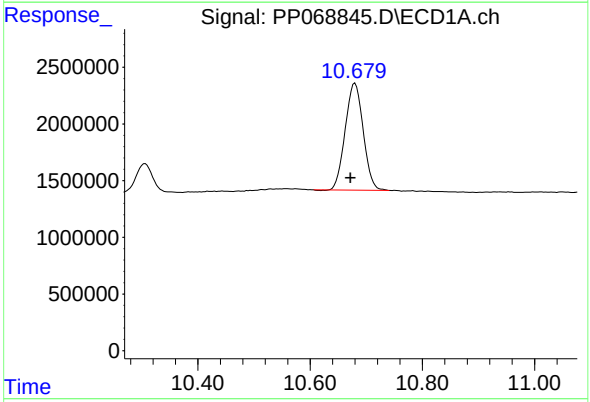
R.T.: 4.760 min
Delta R.T.: 0.003 min
Response: 20066349
Conc: 20.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
TAPIAL2-IDW-SOIL-120424-00-T2MS



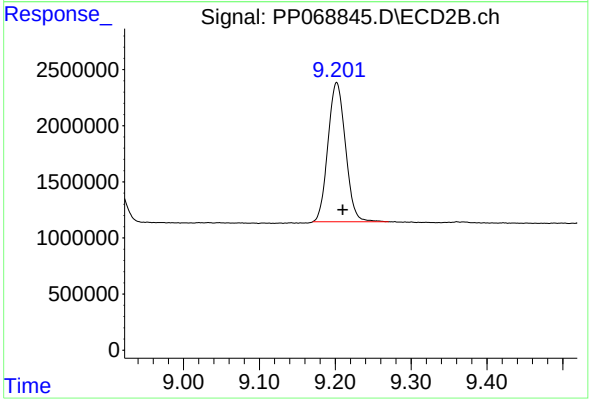
#1 Tetrachloro-m-xylene

R.T.: 4.048 min
Delta R.T.: -0.003 min
Response: 19321194
Conc: 19.95 ng/ml



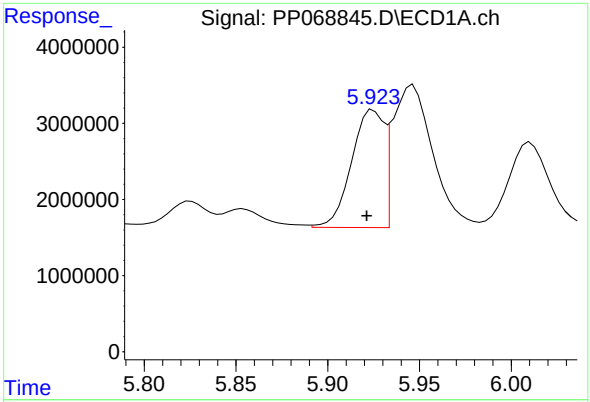
#2 Decachlorobiphenyl

R.T.: 10.680 min
Delta R.T.: 0.008 min
Response: 21006716
Conc: 16.79 ng/ml



#2 Decachlorobiphenyl

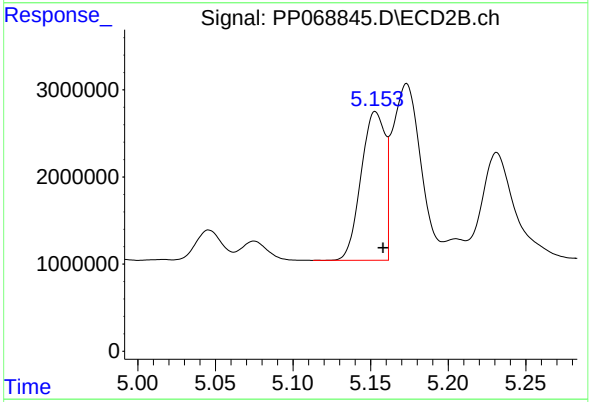
R.T.: 9.202 min
Delta R.T.: -0.008 min
Response: 19859292
Conc: 17.56 ng/ml



#3 AR-1016-1

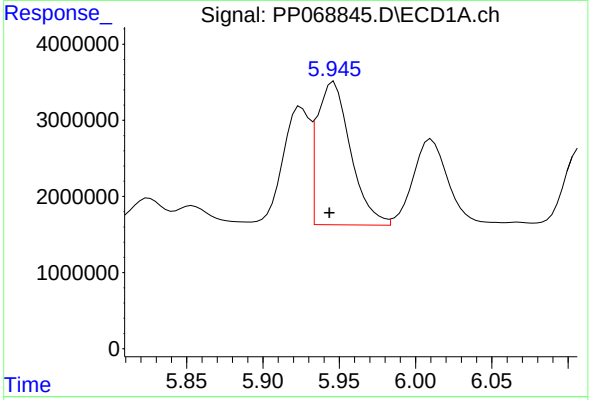
R.T.: 5.925 min
Delta R.T.: 0.004 min
Response: 18958882
Conc: 527.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
TAPIAL2-IDW-SOIL-120424-00-T2MS



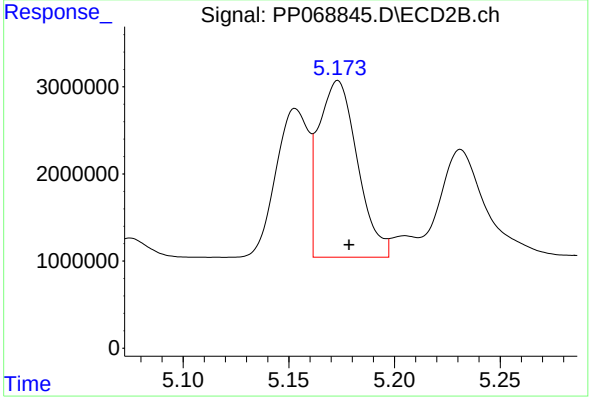
#3 AR-1016-1

R.T.: 5.153 min
Delta R.T.: -0.005 min
Response: 18416239
Conc: 557.27 ng/ml



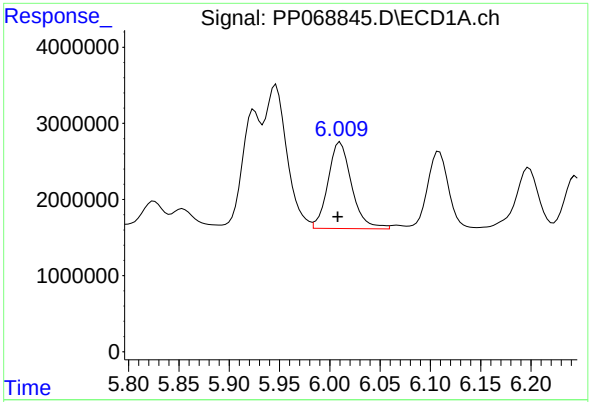
#4 AR-1016-2

R.T.: 5.946 min
Delta R.T.: 0.003 min
Response: 28687345
Conc: 541.78 ng/ml



#4 AR-1016-2

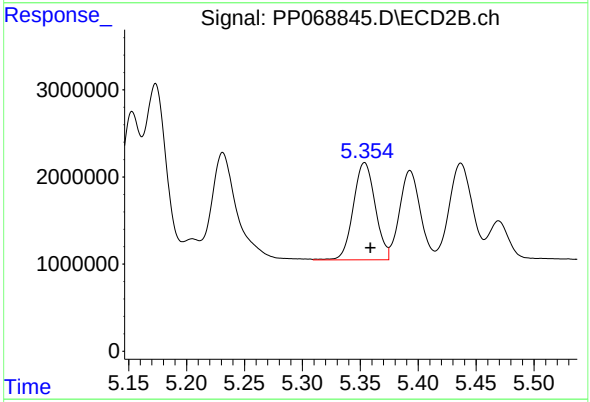
R.T.: 5.173 min
Delta R.T.: -0.005 min
Response: 25875743
Conc: 553.58 ng/ml



#5 AR-1016-3

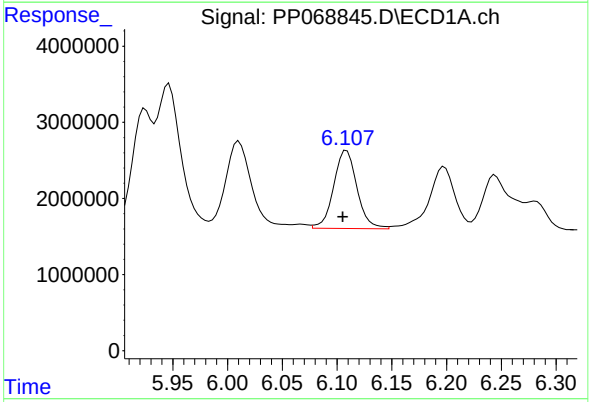
R.T.: 6.010 min
Delta R.T.: 0.003 min
Response: 18539947
Conc: 559.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
TAPIAL2-IDW-SOIL-120424-00-T2MS



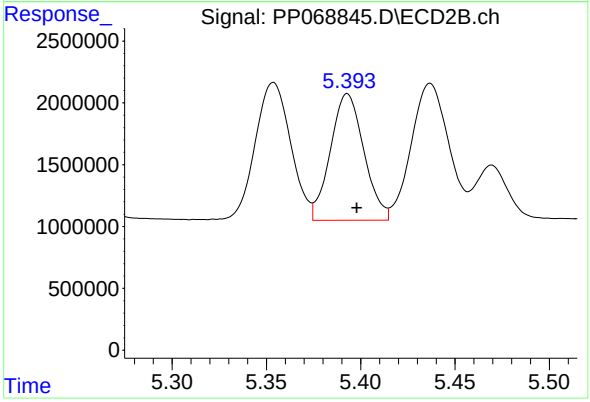
#5 AR-1016-3

R.T.: 5.354 min
Delta R.T.: -0.005 min
Response: 14671917
Conc: 542.60 ng/ml



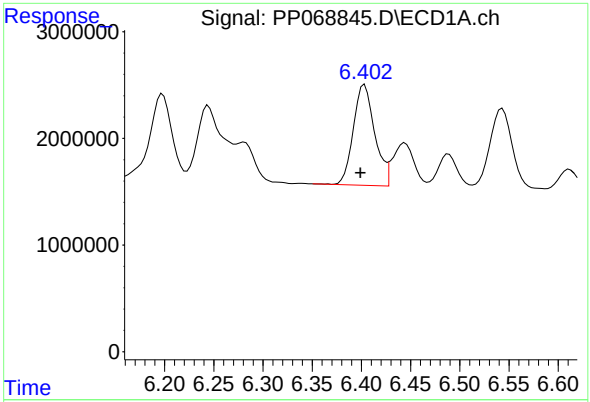
#6 AR-1016-4

R.T.: 6.109 min
Delta R.T.: 0.003 min
Response: 15189229
Conc: 577.93 ng/ml



#6 AR-1016-4

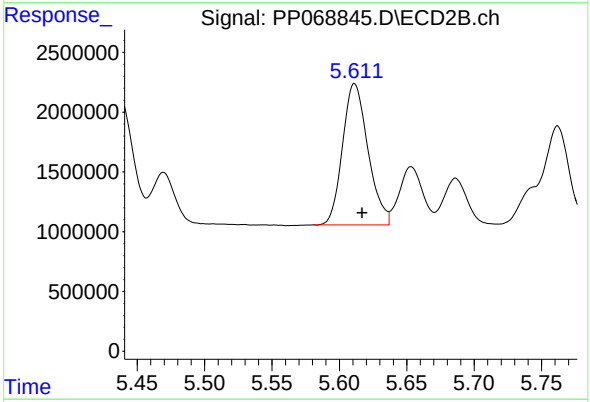
R.T.: 5.393 min
Delta R.T.: -0.005 min
Response: 12650872
Conc: 536.17 ng/ml



#7 AR-1016-5

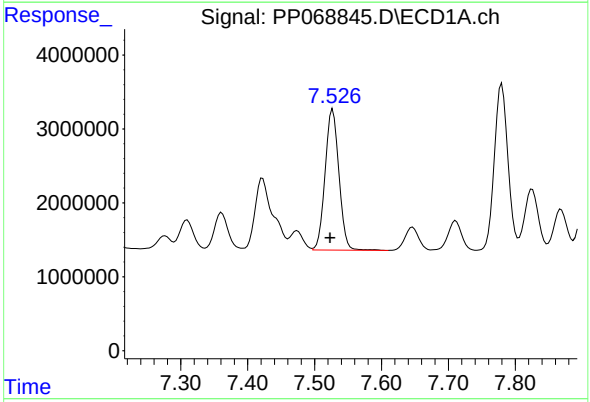
R.T.: 6.403 min
Delta R.T.: 0.004 min
Response: 14299903
Conc: 506.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
TAPIAL2-IDW-SOIL-120424-00-T2MS



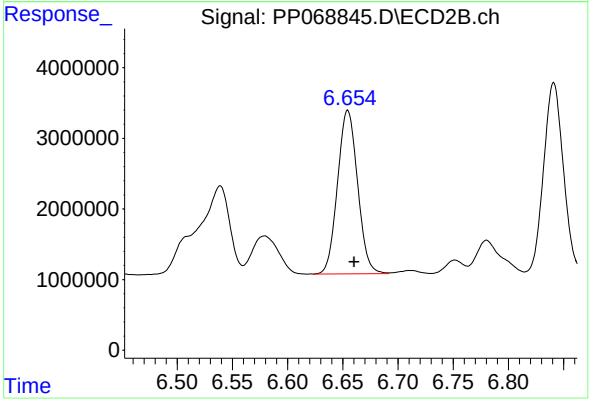
#7 AR-1016-5

R.T.: 5.611 min
Delta R.T.: -0.006 min
Response: 15569539
Conc: 525.25 ng/ml



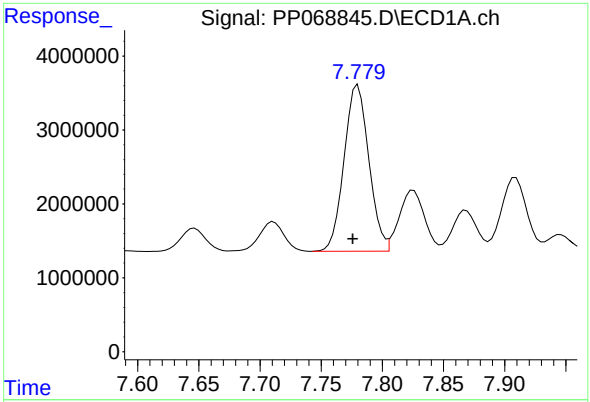
#31 AR-1260-1

R.T.: 7.527 min
Delta R.T.: 0.004 min
Response: 27247483
Conc: 503.61 ng/ml



#31 AR-1260-1

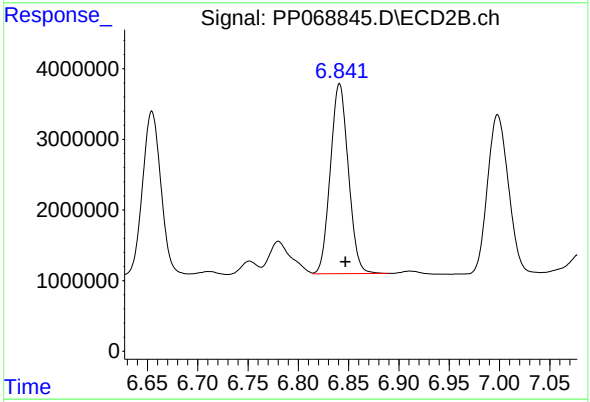
R.T.: 6.654 min
Delta R.T.: -0.006 min
Response: 29334867
Conc: 527.14 ng/ml



#32 AR-1260-2

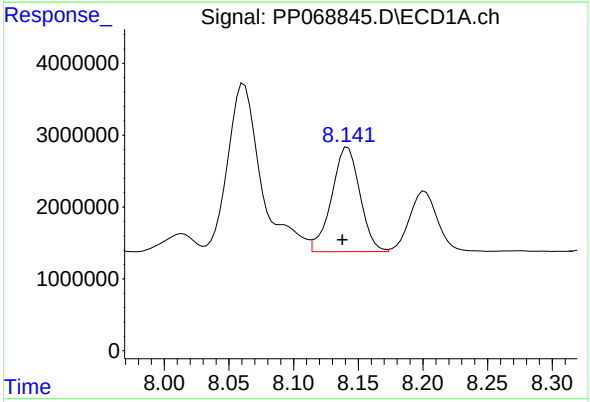
R.T.: 7.780 min
Delta R.T.: 0.004 min
Response: 31723224
Conc: 498.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
TAPIAL2-IDW-SOIL-120424-00-T2MS



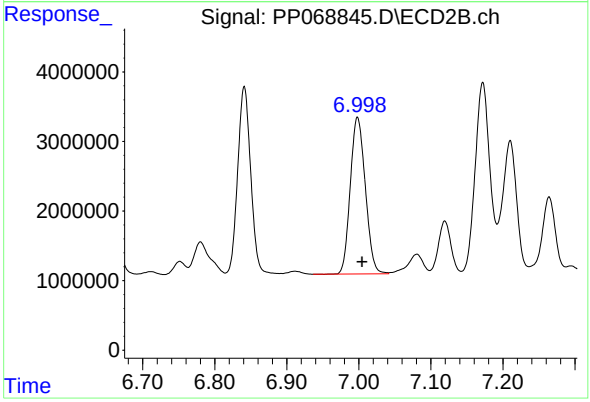
#32 AR-1260-2

R.T.: 6.841 min
Delta R.T.: -0.006 min
Response: 33500286
Conc: 505.77 ng/ml



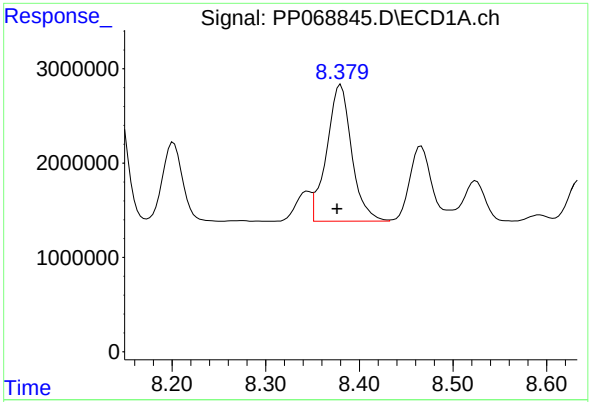
#33 AR-1260-3

R.T.: 8.142 min
Delta R.T.: 0.004 min
Response: 22209767
Conc: 412.88 ng/ml



#33 AR-1260-3

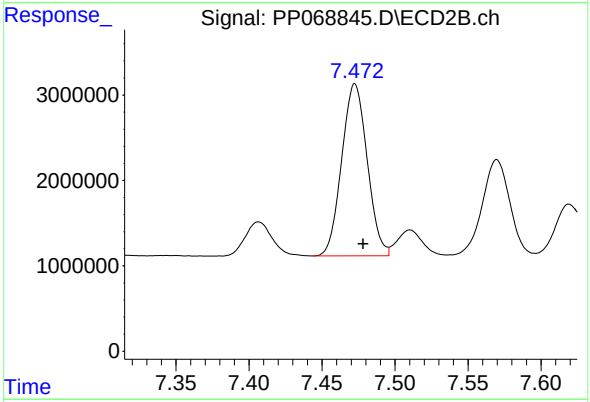
R.T.: 6.998 min
Delta R.T.: -0.006 min
Response: 32619990
Conc: 527.05 ng/ml



#34 AR-1260-4

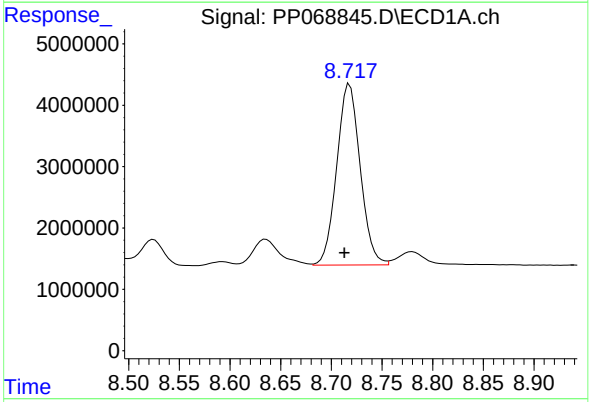
R.T.: 8.380 min
Delta R.T.: 0.004 min
Response: 26851116
Conc: 431.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
TAPIAL2-IDW-SOIL-120424-00-T2MS



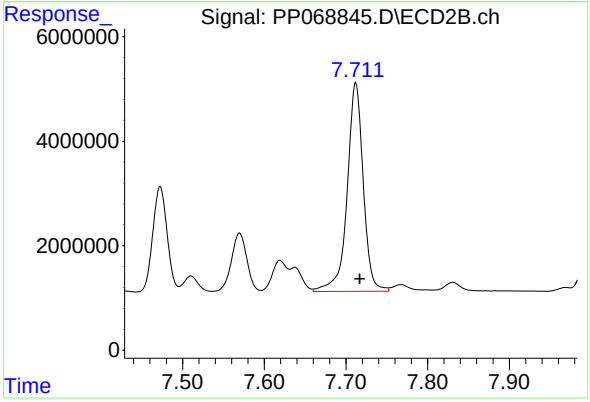
#34 AR-1260-4

R.T.: 7.473 min
Delta R.T.: -0.006 min
Response: 24499344
Conc: 464.56 ng/ml



#35 AR-1260-5

R.T.: 8.718 min
Delta R.T.: 0.005 min
Response: 47544153
Conc: 420.06 ng/ml



#35 AR-1260-5

R.T.: 7.712 min
Delta R.T.: -0.005 min
Response: 54671501
Conc: 459.13 ng/ml

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

Report of Analysis

Client:	Weston Solutions	Date Collected:	12/05/24
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	12/05/24
Client Sample ID:	TAPIAL2-IDW-SOIL-120424-00-T2MSD	SDG No.:	P5117
Lab Sample ID:	P5117-02MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	79.8 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP068846.D	1	12/06/24 08:25	12/06/24 14:30	PB165421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	221		4.20	10.4	21.3	ug/kg
11104-28-2	Aroclor-1221	16.3	U	8.00	16.3	21.3	ug/kg
11141-16-5	Aroclor-1232	16.3	U	4.30	16.3	21.3	ug/kg
53469-21-9	Aroclor-1242	10.4	U	4.20	10.4	21.3	ug/kg
12672-29-6	Aroclor-1248	16.3	U	9.90	16.3	21.3	ug/kg
11097-69-1	Aroclor-1254	16.3	U	3.40	16.3	21.3	ug/kg
37324-23-5	Aroclor-1262	10.4	U	5.70	10.4	21.3	ug/kg
11100-14-4	Aroclor-1268	16.3	U	4.30	16.3	21.3	ug/kg
11096-82-5	Aroclor-1260	205		3.60	10.4	21.3	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.1		44 - 130		100%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.3		60 - 125		87%	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\PP120624\
Data File : PP068846.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Dec 2024 14:30
Operator : YP\AJ
Sample : P5117-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TAPIAL2-IDW-SOIL-120424-00-T2MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 22:57:48 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.759	4.046	19468269	18931396	20.058	19.551
2)	SA Decachlor...	10.677	9.201	21363952	19591330	17.071	17.319
	Target Compounds						
3)	L1 AR-1016-1	5.925	5.153	18545959	18024469	516.082	545.417
4)	L1 AR-1016-2	5.946	5.173	28258955	25241731	533.688	540.015
5)	L1 AR-1016-3	6.010	5.353	17765250	14231053	536.577	526.292
6)	L1 AR-1016-4	6.108	5.392	14838757	12328313	564.596	522.497
7)	L1 AR-1016-5	6.402	5.611	14074203	15267784	498.944	515.070
31)	L7 AR-1260-1	7.526	6.654	27261439	28930290	503.869	519.871
32)	L7 AR-1260-2	7.779	6.841	31897209	33370854	501.443	503.819
33)	L7 AR-1260-3	8.141	6.998	22366785	32014841	415.801	517.274
34)	L7 AR-1260-4	8.380	7.472	26997751	24285680	433.852	460.506
35)	L7 AR-1260-5	8.717	7.711	47237454	53635141	417.349	450.428

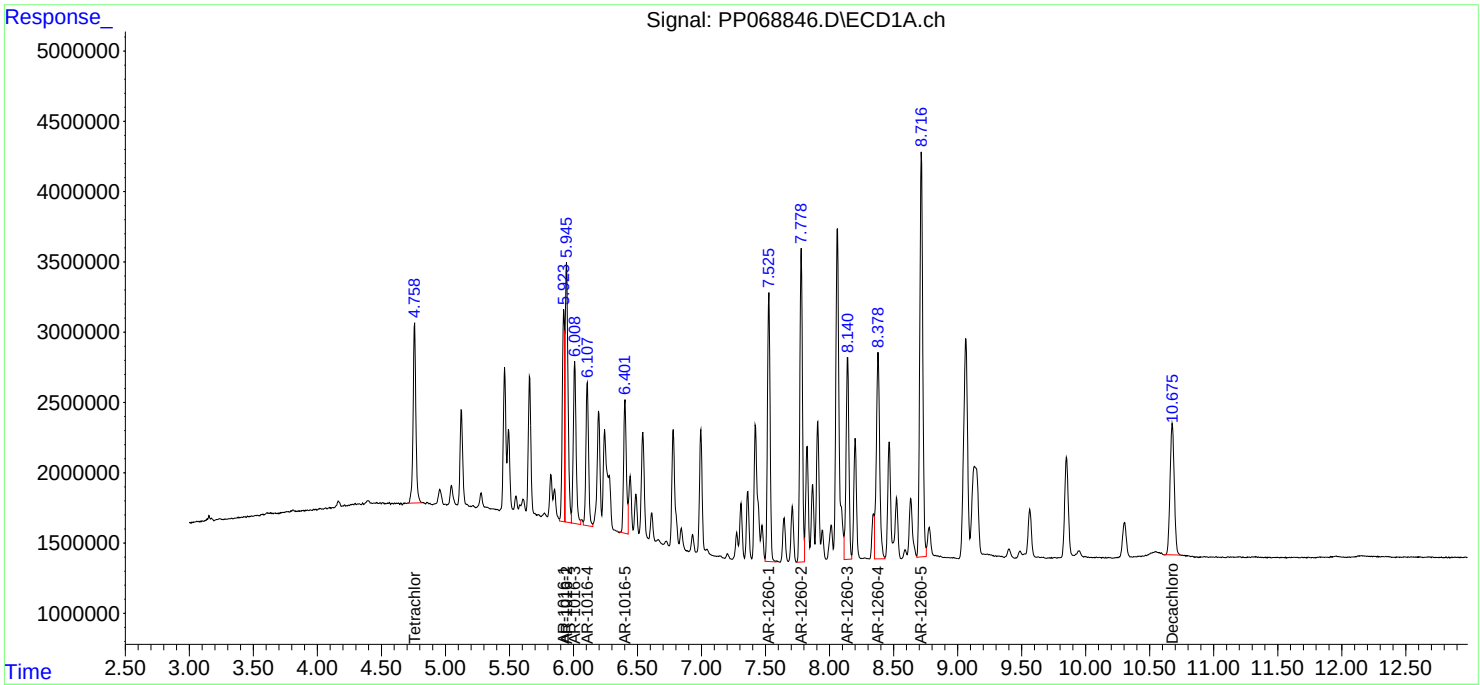
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

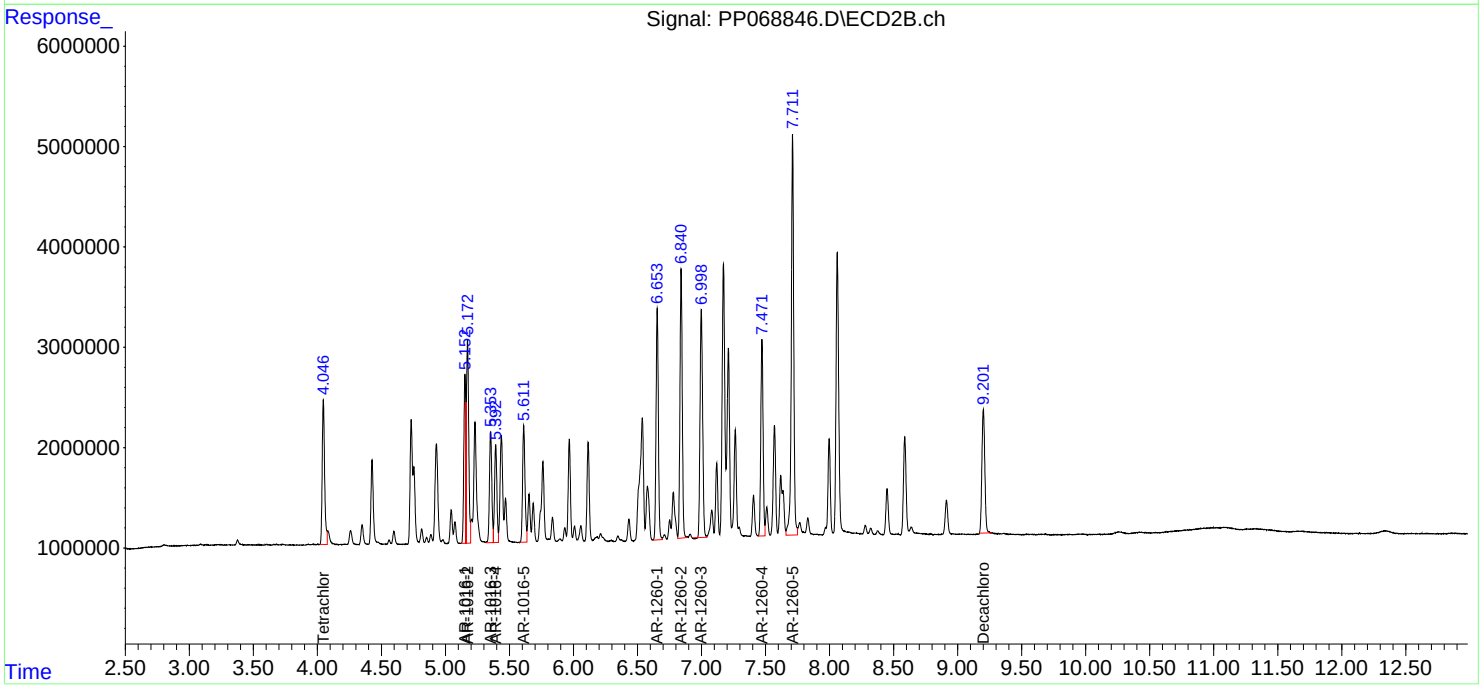
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120624\
Data File : PP068846.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Dec 2024 14:30
Operator : YP\AJ
Sample : P5117-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

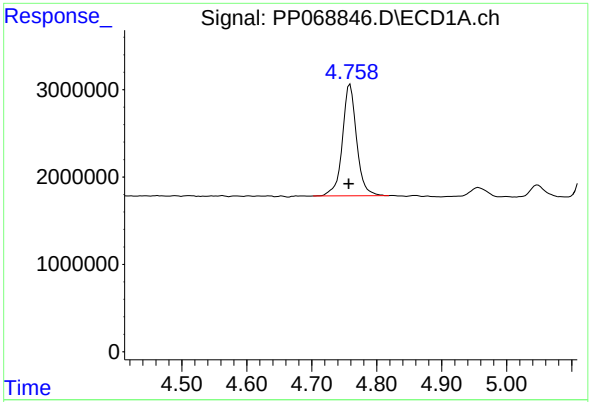
Instrument :
ECD_P
ClientSampleId :
TAPIAL2-IDW-SOIL-120424-00-T2MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 22:57:48 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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



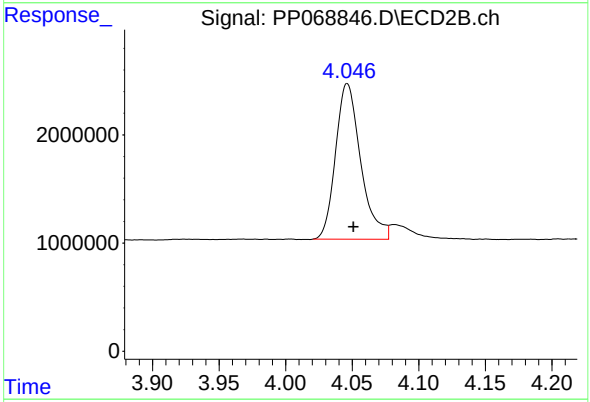




#1 Tetrachloro-m-xylene

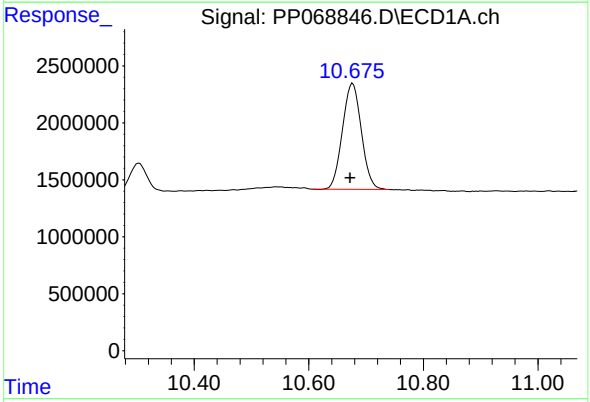
R.T.: 4.759 min
Delta R.T.: 0.002 min
Response: 19468269
Conc: 20.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
TAPIAL2-IDW-SOIL-120424-00-T2MSD



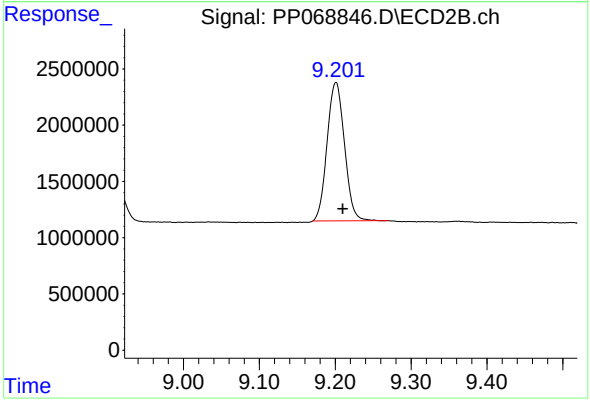
#1 Tetrachloro-m-xylene

R.T.: 4.046 min
Delta R.T.: -0.005 min
Response: 18931396
Conc: 19.55 ng/ml



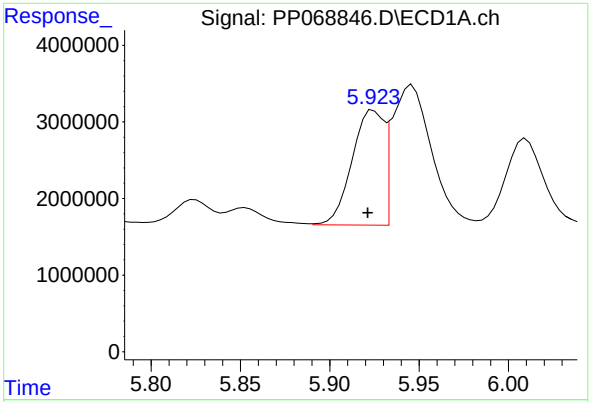
#2 Decachlorobiphenyl

R.T.: 10.677 min
Delta R.T.: 0.005 min
Response: 21363952
Conc: 17.07 ng/ml



#2 Decachlorobiphenyl

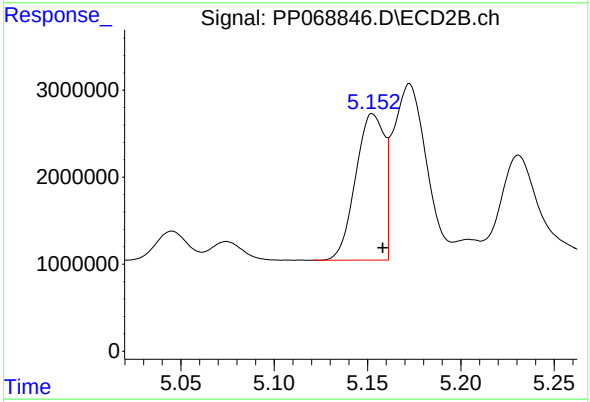
R.T.: 9.201 min
Delta R.T.: -0.009 min
Response: 19591330
Conc: 17.32 ng/ml



#3 AR-1016-1

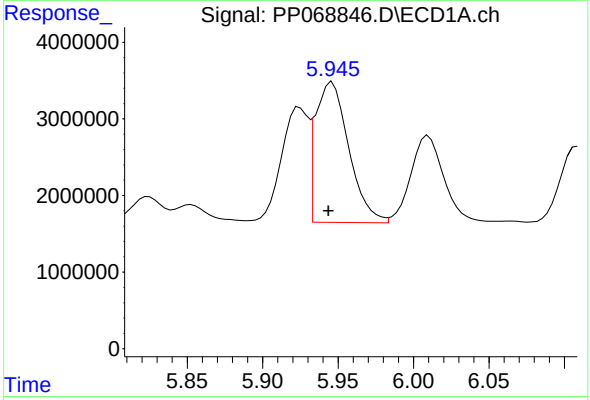
R.T.: 5.925 min
Delta R.T.: 0.003 min
Response: 18545959
Conc: 516.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
TAPIAL2-IDW-SOIL-120424-00-T2MSD



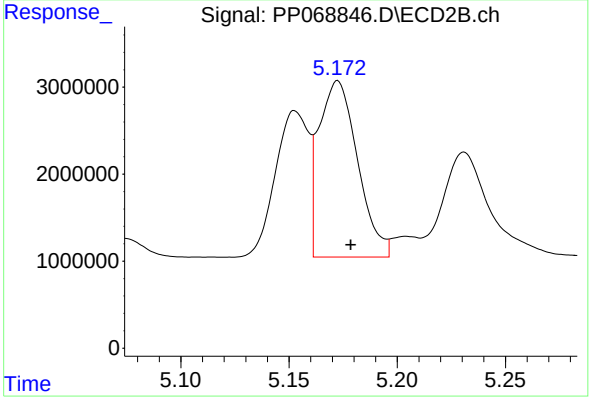
#3 AR-1016-1

R.T.: 5.153 min
Delta R.T.: -0.005 min
Response: 18024469
Conc: 545.42 ng/ml



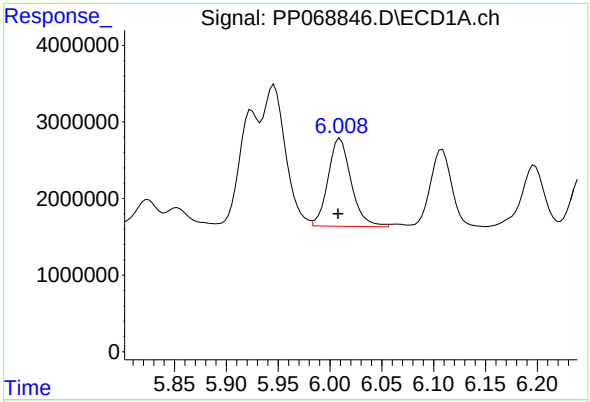
#4 AR-1016-2

R.T.: 5.946 min
Delta R.T.: 0.003 min
Response: 28258955
Conc: 533.69 ng/ml



#4 AR-1016-2

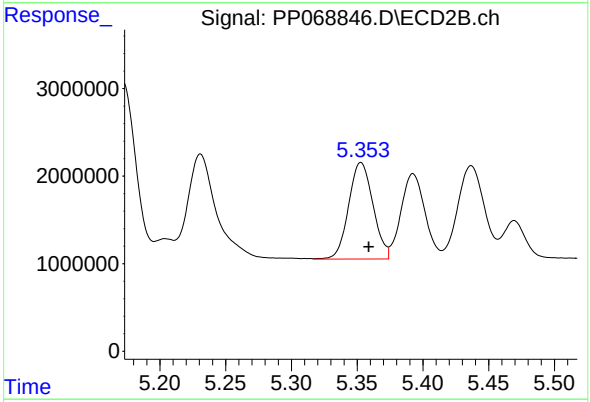
R.T.: 5.173 min
Delta R.T.: -0.006 min
Response: 25241731
Conc: 540.02 ng/ml



#5 AR-1016-3

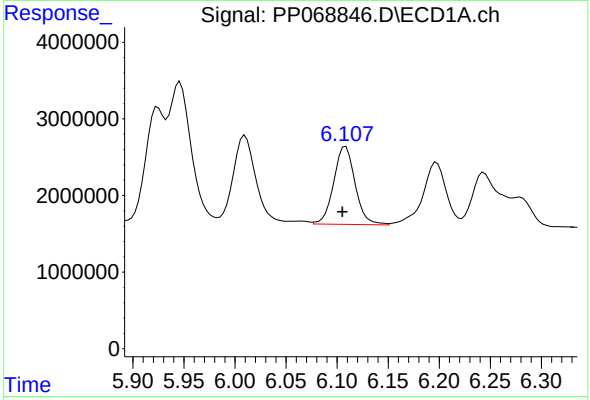
R.T.: 6.010 min
Delta R.T.: 0.002 min
Response: 17765250
Conc: 536.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
TAPIAL2-IDW-SOIL-120424-00-T2MSD



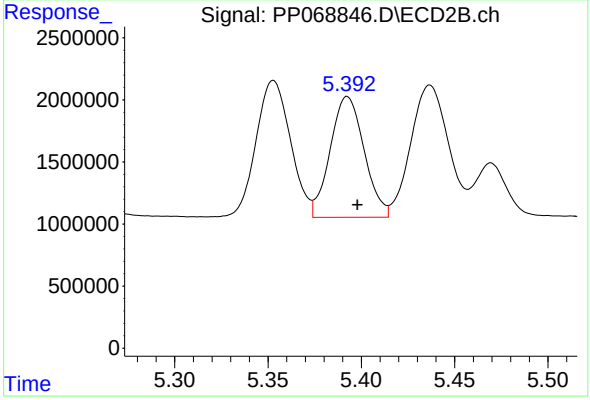
#5 AR-1016-3

R.T.: 5.353 min
Delta R.T.: -0.006 min
Response: 14231053
Conc: 526.29 ng/ml



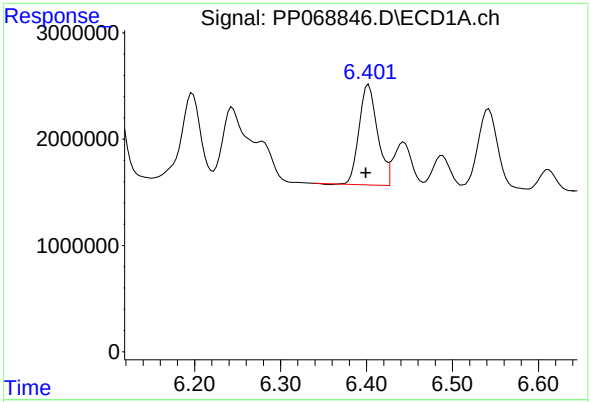
#6 AR-1016-4

R.T.: 6.108 min
Delta R.T.: 0.003 min
Response: 14838757
Conc: 564.60 ng/ml



#6 AR-1016-4

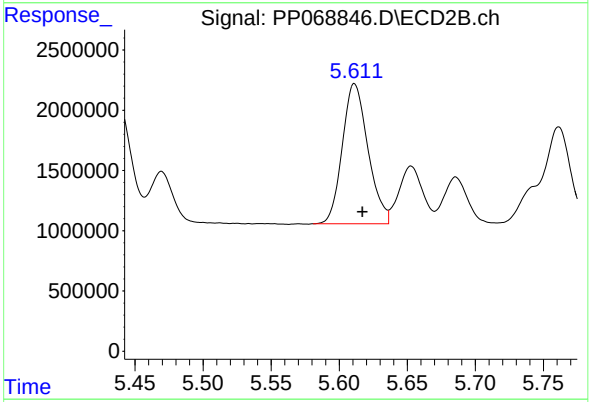
R.T.: 5.392 min
Delta R.T.: -0.005 min
Response: 12328313
Conc: 522.50 ng/ml



#7 AR-1016-5

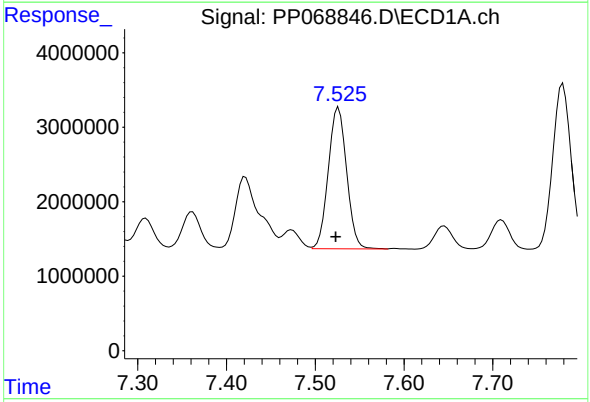
R.T.: 6.402 min
Delta R.T.: 0.004 min
Response: 14074203
Conc: 498.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
TAPIAL2-IDW-SOIL-120424-00-T2MSD



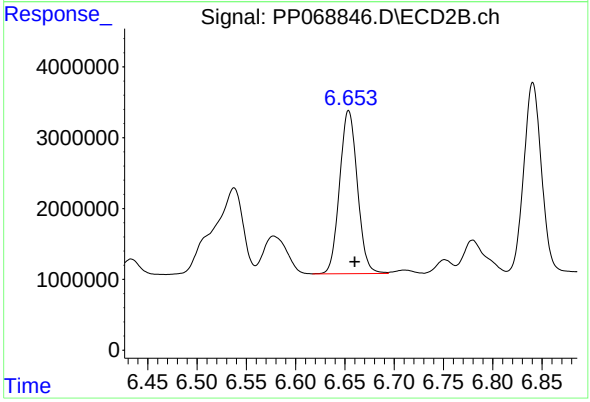
#7 AR-1016-5

R.T.: 5.611 min
Delta R.T.: -0.006 min
Response: 15267784
Conc: 515.07 ng/ml



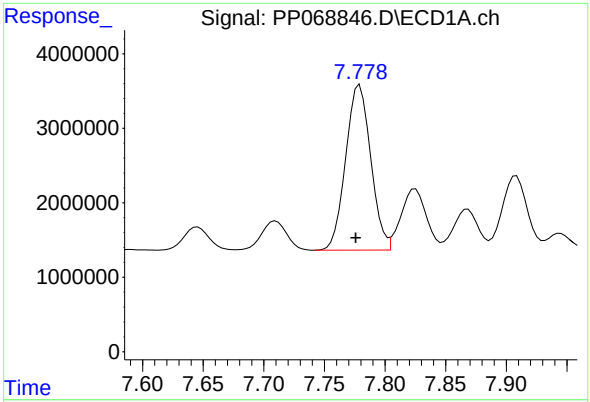
#31 AR-1260-1

R.T.: 7.526 min
Delta R.T.: 0.003 min
Response: 27261439
Conc: 503.87 ng/ml



#31 AR-1260-1

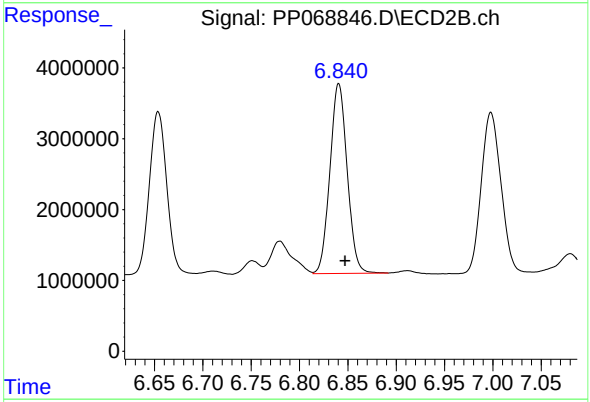
R.T.: 6.654 min
Delta R.T.: -0.006 min
Response: 28930290
Conc: 519.87 ng/ml



#32 AR-1260-2

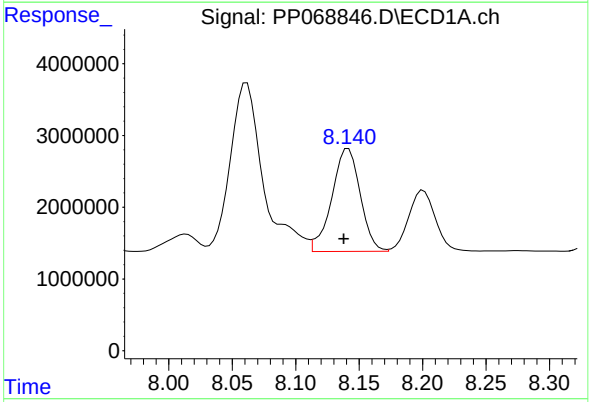
R.T.: 7.779 min
Delta R.T.: 0.003 min
Response: 31897209
Conc: 501.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
TAPIAL2-IDW-SOIL-120424-00-T2MSD



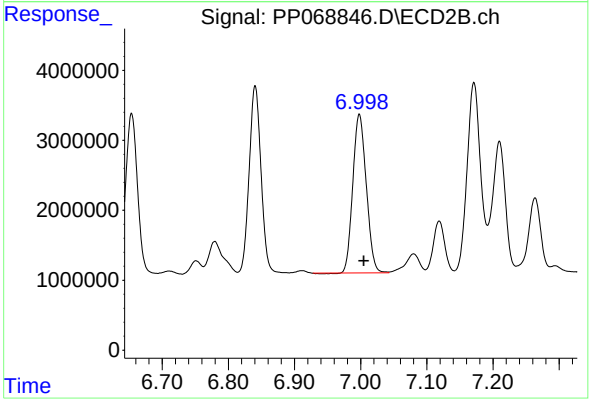
#32 AR-1260-2

R.T.: 6.841 min
Delta R.T.: -0.006 min
Response: 33370854
Conc: 503.82 ng/ml



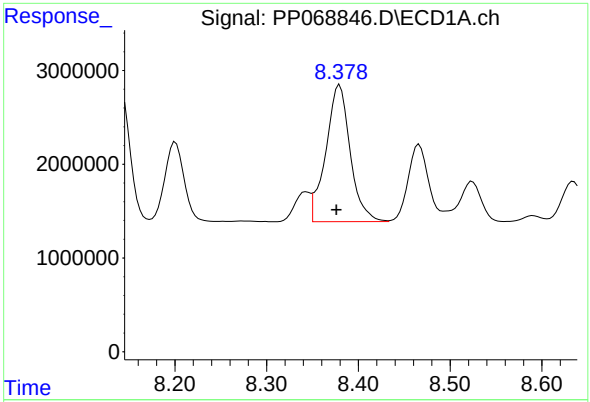
#33 AR-1260-3

R.T.: 8.141 min
Delta R.T.: 0.004 min
Response: 22366785
Conc: 415.80 ng/ml



#33 AR-1260-3

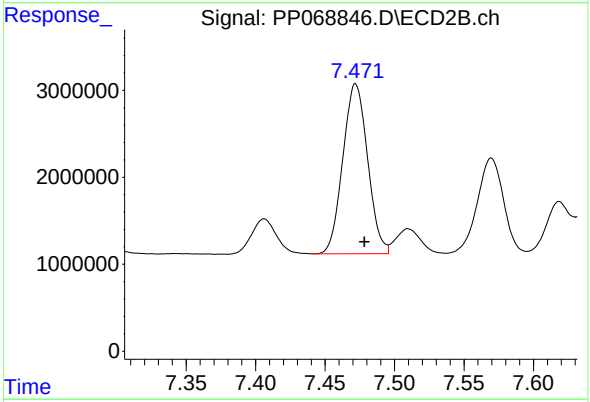
R.T.: 6.998 min
Delta R.T.: -0.006 min
Response: 32014841
Conc: 517.27 ng/ml



#34 AR-1260-4

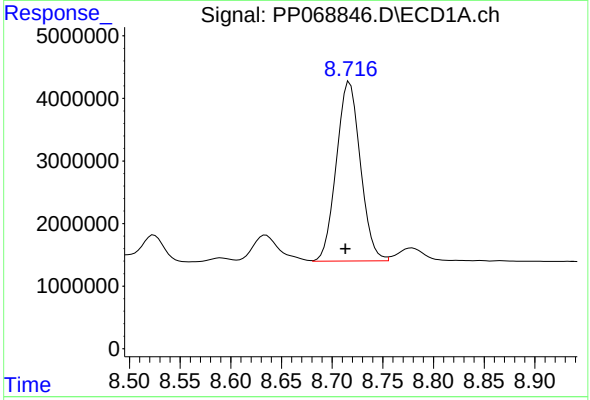
R.T.: 8.380 min
Delta R.T.: 0.003 min
Response: 26997751
Conc: 433.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
TAPIAL2-IDW-SOIL-120424-00-T2MSD



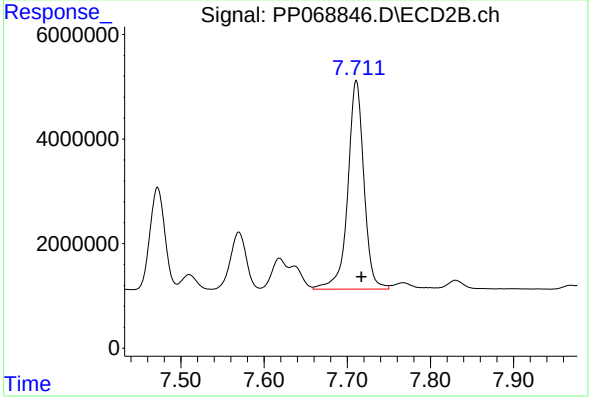
#34 AR-1260-4

R.T.: 7.472 min
Delta R.T.: -0.006 min
Response: 24285680
Conc: 460.51 ng/ml



#35 AR-1260-5

R.T.: 8.717 min
Delta R.T.: 0.004 min
Response: 47237454
Conc: 417.35 ng/ml



#35 AR-1260-5

R.T.: 7.711 min
Delta R.T.: -0.006 min
Response: 53635141
Conc: 450.43 ng/ml

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Manual Integration Report

Sequence:	PP110724	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC1000	PP068361.D	AR-1016-1 #2	yogesh	11/11/2024 9:22:13 AM	Ankita	11/11/2024 9:48:18	Peak Integrated by Software
AR1660ICC1000	PP068361.D	AR-1016-2 #2	yogesh	11/11/2024 9:22:13 AM	Ankita	11/11/2024 9:48:18	Peak Integrated by Software
AR1660ICC250	PP068364.D	AR-1016-1 #2	yogesh	11/11/2024 9:22:16 AM	Ankita	11/11/2024 9:48:19	Peak Integrated by Software
AR1660ICC250	PP068364.D	AR-1016-2 #2	yogesh	11/11/2024 9:22:16 AM	Ankita	11/11/2024 9:48:19	Peak Integrated by Software
AR1660ICC250	PP068364.D	AR-1016-5	yogesh	11/11/2024 9:22:16 AM	Ankita	11/11/2024 9:48:19	Peak Integrated by Software
AR1660ICC250	PP068364.D	AR-1016-5 #2	yogesh	11/11/2024 9:22:16 AM	Ankita	11/11/2024 9:48:19	Peak Integrated by Software
AR1660ICC250	PP068364.D	AR-1260-1	yogesh	11/11/2024 9:22:16 AM	Ankita	11/11/2024 9:48:19	Peak Integrated by Software
AR1660ICC250	PP068364.D	AR-1260-1 #2	yogesh	11/11/2024 9:22:16 AM	Ankita	11/11/2024 9:48:19	Peak Integrated by Software
AR1660ICC250	PP068364.D	AR-1260-2	yogesh	11/11/2024 9:22:16 AM	Ankita	11/11/2024 9:48:19	Peak Integrated by Software
AR1660ICC250	PP068364.D	AR-1260-2 #2	yogesh	11/11/2024 9:22:16 AM	Ankita	11/11/2024 9:48:19	Peak Integrated by Software
AR1660ICC050	PP068365.D	AR-1016-1	yogesh	11/11/2024 9:22:18 AM	Ankita	11/11/2024 9:48:21	Peak Integrated by Software
AR1660ICC050	PP068365.D	AR-1016-2	yogesh	11/11/2024 9:22:18 AM	Ankita	11/11/2024 9:48:21	Peak Integrated by Software
AR1660ICC050	PP068365.D	AR-1016-3	yogesh	11/11/2024 9:22:18 AM	Ankita	11/11/2024 9:48:21	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP110724	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PP068365.D	AR-1016-4	yogesh	11/11/2024 9:22:18 AM	Ankita	11/11/2024 9:48:21	Peak Integrated by Software
AR1660ICC050	PP068365.D	AR-1016-5 #2	yogesh	11/11/2024 9:22:18 AM	Ankita	11/11/2024 9:48:21	Peak Integrated by Software
AR1660ICC050	PP068365.D	AR-1260-1 #2	yogesh	11/11/2024 9:22:18 AM	Ankita	11/11/2024 9:48:21	Peak Integrated by Software
AR1660ICC050	PP068365.D	AR-1260-2	yogesh	11/11/2024 9:22:18 AM	Ankita	11/11/2024 9:48:21	Peak Integrated by Software
AR1660ICC050	PP068365.D	AR-1260-2 #2	yogesh	11/11/2024 9:22:18 AM	Ankita	11/11/2024 9:48:21	Peak Integrated by Software
AR1660ICC050	PP068365.D	AR-1260-4	yogesh	11/11/2024 9:22:18 AM	Ankita	11/11/2024 9:48:21	Peak Integrated by Software
AR1242ICC750	PP068369.D	AR-1242-5	yogesh	11/11/2024 9:22:20 AM	Ankita	11/11/2024 9:48:23	Peak Integrated by Software
AR1242ICC250	PP068371.D	AR-1242-5	yogesh	11/11/2024 9:22:21 AM	Ankita	11/11/2024 9:48:25	Peak Integrated by Software
AR1242ICC250	PP068371.D	AR-1242-5 #2	yogesh	11/11/2024 9:22:21 AM	Ankita	11/11/2024 9:48:25	Peak Integrated by Software
AR1248ICC250	PP068376.D	AR-1248-3	yogesh	11/11/2024 9:22:24 AM	Ankita	11/11/2024 9:48:26	Peak Integrated by Software
AR1254ICC1000	PP068378.D	AR-1254-1	yogesh	11/11/2024 9:22:26 AM	Ankita	11/11/2024 9:48:28	Peak Integrated by Software
AR1254ICC1000	PP068378.D	AR-1254-5	yogesh	11/11/2024 9:22:26 AM	Ankita	11/11/2024 9:48:28	Peak Integrated by Software
AR1254ICC750	PP068379.D	AR-1254-1	yogesh	11/11/2024 9:22:27 AM	Ankita	11/11/2024 9:48:29	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP110724	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254ICC500	PP068380.D	AR-1254-1	yogesh	11/11/2024 9:22:29 AM	Ankita	11/11/2024 9:48:31	Peak Integrated by Software
AR1254ICC500	PP068380.D	AR-1254-5	yogesh	11/11/2024 9:22:29 AM	Ankita	11/11/2024 9:48:31	Peak Integrated by Software
AR1254ICC250	PP068381.D	AR-1254-1	yogesh	11/11/2024 9:22:31 AM	Ankita	11/11/2024 9:48:32	Peak Integrated by Software
AR1254ICC250	PP068381.D	AR-1254-5	yogesh	11/11/2024 9:22:31 AM	Ankita	11/11/2024 9:48:32	Peak Integrated by Software
AR1254ICC050	PP068382.D	AR-1254-1	yogesh	11/11/2024 9:22:33 AM	Ankita	11/11/2024 9:48:34	Peak Integrated by Software
AR1254ICC050	PP068382.D	AR-1254-1 #2	yogesh	11/11/2024 9:22:33 AM	Ankita	11/11/2024 9:48:34	Peak Integrated by Software
AR1254ICC050	PP068382.D	AR-1254-2 #2	yogesh	11/11/2024 9:22:33 AM	Ankita	11/11/2024 9:48:34	Peak Integrated by Software
AR1254ICC050	PP068382.D	AR-1254-3	yogesh	11/11/2024 9:22:33 AM	Ankita	11/11/2024 9:48:34	Peak Integrated by Software
AR1254ICC050	PP068382.D	AR-1254-3 #2	yogesh	11/11/2024 9:22:33 AM	Ankita	11/11/2024 9:48:34	Peak Integrated by Software
AR1254ICC050	PP068382.D	AR-1254-4	yogesh	11/11/2024 9:22:33 AM	Ankita	11/11/2024 9:48:34	Peak Integrated by Software
AR1254ICC050	PP068382.D	AR-1254-4 #2	yogesh	11/11/2024 9:22:33 AM	Ankita	11/11/2024 9:48:34	Peak Integrated by Software
AR1254ICC050	PP068382.D	AR-1254-5	yogesh	11/11/2024 9:22:33 AM	Ankita	11/11/2024 9:48:34	Peak Integrated by Software
AR1268ICC1000	PP068384.D	AR-1268-1	yogesh	11/11/2024 9:22:35 AM	Ankita	11/11/2024 9:48:36	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP110724	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1268ICC1000	PP068384.D	AR-1268-3	yogesh	11/11/2024 9:22:35 AM	Ankita	11/11/2024 9:48:36	Peak Integrated by Software
AR1268ICC750	PP068385.D	AR-1268-1	yogesh	11/11/2024 9:22:37 AM	Ankita	11/11/2024 9:48:37	Peak Integrated by Software
AR1268ICC750	PP068385.D	AR-1268-3	yogesh	11/11/2024 9:22:37 AM	Ankita	11/11/2024 9:48:37	Peak Integrated by Software
AR1268ICC250	PP068387.D	AR-1268-1	yogesh	11/11/2024 9:22:38 AM	Ankita	11/11/2024 9:48:39	Peak Integrated by Software
AR1268ICC250	PP068387.D	AR-1268-3	yogesh	11/11/2024 9:22:38 AM	Ankita	11/11/2024 9:48:39	Peak Integrated by Software
AR1268ICC050	PP068388.D	AR-1268-1	yogesh	11/11/2024 9:22:40 AM	Ankita	11/11/2024 9:48:41	Peak Integrated by Software
AR1268ICC050	PP068388.D	AR-1268-4	yogesh	11/11/2024 9:22:40 AM	Ankita	11/11/2024 9:48:41	Peak Integrated by Software
AR1242ICV500	PP068390.D	AR-1242-4	yogesh	11/11/2024 9:22:42 AM	Ankita	11/11/2024 9:48:42	Peak Integrated by Software
AR1242ICV500	PP068390.D	AR-1242-5	yogesh	11/11/2024 9:22:42 AM	Ankita	11/11/2024 9:48:42	Peak Integrated by Software
AR1242ICV500	PP068390.D	AR-1242-5 #2	yogesh	11/11/2024 9:22:42 AM	Ankita	11/11/2024 9:48:42	Peak Integrated by Software
AR1254ICV500	PP068392.D	AR-1254-1	yogesh	11/11/2024 9:22:43 AM	Ankita	11/11/2024 9:48:44	Peak Integrated by Software
AR1254ICV500	PP068392.D	AR-1254-4	yogesh	11/11/2024 9:22:43 AM	Ankita	11/11/2024 9:48:44	Peak Integrated by Software
AR1254ICV500	PP068392.D	AR-1254-5	yogesh	11/11/2024 9:22:43 AM	Ankita	11/11/2024 9:48:44	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP110724	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1268ICV500	PP068393.D	AR-1268-1	yogesh	11/11/2024 9:22:45 AM	Ankita	11/11/2024 9:48:45	Peak Integrated by Software
AR1268ICV500	PP068393.D	AR-1268-3	yogesh	11/11/2024 9:22:45 AM	Ankita	11/11/2024 9:48:45	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP120624	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PP068837.D	AR-1242-1 #2	yogesh	12/9/2024 9:26:59 AM	Ankita	12/9/2024 10:18:05	Peak Integrated by Software
AR1242CCC500	PP068837.D	AR-1242-2 #2	yogesh	12/9/2024 9:26:59 AM	Ankita	12/9/2024 10:18:05	Peak Integrated by Software
AR1254CCC500	PP068839.D	AR-1254-1	yogesh	12/9/2024 9:27:00 AM	Ankita	12/9/2024 10:18:07	Peak Integrated by Software
AR1254CCC500	PP068839.D	AR-1254-5	yogesh	12/9/2024 9:27:00 AM	Ankita	12/9/2024 10:18:07	Peak Integrated by Software
AR1254CCC500	PP068854.D	AR-1254-1	yogesh	12/9/2024 9:27:05 AM	Ankita	12/9/2024 10:18:12	Peak Integrated by Software
AR1254CCC500	PP068854.D	AR-1254-5	yogesh	12/9/2024 9:27:05 AM	Ankita	12/9/2024 10:18:12	Peak Integrated by Software
AR1660CCC500	PP068866.D	AR-1016-1 #2	yogesh	12/9/2024 9:27:13 AM	Ankita	12/9/2024 10:18:24	Peak Integrated by Software
AR1660CCC500	PP068866.D	AR-1016-2 #2	yogesh	12/9/2024 9:27:13 AM	Ankita	12/9/2024 10:18:24	Peak Integrated by Software
AR1254CCC500	PP068869.D	AR-1254-1	yogesh	12/9/2024 9:27:15 AM	Ankita	12/9/2024 10:18:26	Peak Integrated by Software
AR1254CCC500	PP068869.D	AR-1254-5	yogesh	12/9/2024 9:27:15 AM	Ankita	12/9/2024 10:18:26	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP110724

Review By	yogesh	Review On	11/11/2024 9:23:03 AM		
Supervise By	Ankita	Supervise On	11/11/2024 9:48:52 AM		
SubDirectory	PP110724	HP Acquire Method		HP Processing Method	PP110724

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	PP068359.D	08 Nov 2024 02:13	YP\AJ	Ok
2	I.BLK	PP068360.D	08 Nov 2024 02:29	YP\AJ	Ok
3	AR1660ICC1000	PP068361.D	08 Nov 2024 02:45	YP\AJ	Ok,M
4	AR1660ICC750	PP068362.D	08 Nov 2024 03:02	YP\AJ	Ok
5	AR1660ICC500	PP068363.D	08 Nov 2024 03:18	YP\AJ	Ok
6	AR1660ICC250	PP068364.D	08 Nov 2024 03:34	YP\AJ	Ok,M
7	AR1660ICC050	PP068365.D	08 Nov 2024 03:51	YP\AJ	Ok,M
8	AR1221ICC500	PP068366.D	08 Nov 2024 04:07	YP\AJ	Ok
9	AR1232ICC500	PP068367.D	08 Nov 2024 04:23	YP\AJ	Ok
10	AR1242ICC1000	PP068368.D	08 Nov 2024 04:40	YP\AJ	Ok
11	AR1242ICC750	PP068369.D	08 Nov 2024 04:56	YP\AJ	Ok,M
12	AR1242ICC500	PP068370.D	08 Nov 2024 05:12	YP\AJ	Ok
13	AR1242ICC250	PP068371.D	08 Nov 2024 05:29	YP\AJ	Ok,M
14	AR1242ICC050	PP068372.D	08 Nov 2024 05:45	YP\AJ	Ok
15	AR1248ICC1000	PP068373.D	08 Nov 2024 06:01	YP\AJ	Ok
16	AR1248ICC750	PP068374.D	08 Nov 2024 06:18	YP\AJ	Ok
17	AR1248ICC500	PP068375.D	08 Nov 2024 06:34	YP\AJ	Ok
18	AR1248ICC250	PP068376.D	08 Nov 2024 06:50	YP\AJ	Ok,M
19	AR1248ICC050	PP068377.D	08 Nov 2024 07:07	YP\AJ	Ok
20	AR1254ICC1000	PP068378.D	08 Nov 2024 07:23	YP\AJ	Ok,M
21	AR1254ICC750	PP068379.D	08 Nov 2024 07:39	YP\AJ	Ok,M

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Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP110724

Review By	yogesh	Review On	11/11/2024 9:23:03 AM		
Supervise By	Ankita	Supervise On	11/11/2024 9:48:52 AM		
SubDirectory	PP110724	HP Acquire Method		HP Processing Method	PP110724

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	PP068380.D	08 Nov 2024 07:56	YP\AJ	Ok,M
23	AR1254ICC250	PP068381.D	08 Nov 2024 08:12	YP\AJ	Ok,M
24	AR1254ICC050	PP068382.D	08 Nov 2024 08:28	YP\AJ	Ok,M
25	AR1262ICC500	PP068383.D	08 Nov 2024 08:45	YP\AJ	Ok
26	AR1268ICC1000	PP068384.D	08 Nov 2024 09:01	YP\AJ	Ok,M
27	AR1268ICC750	PP068385.D	08 Nov 2024 09:17	YP\AJ	Ok,M
28	AR1268ICC500	PP068386.D	08 Nov 2024 09:34	YP\AJ	Ok
29	AR1268ICC250	PP068387.D	08 Nov 2024 09:50	YP\AJ	Ok,M
30	AR1268ICC050	PP068388.D	08 Nov 2024 10:39	YP\AJ	Ok,M
31	PP110724ICV500	PP068389.D	08 Nov 2024 10:55	YP\AJ	Ok
32	AR1242ICV500	PP068390.D	08 Nov 2024 11:12	YP\AJ	Ok,M
33	AR1248ICV500	PP068391.D	08 Nov 2024 11:28	YP\AJ	Ok
34	AR1254ICV500	PP068392.D	08 Nov 2024 11:45	YP\AJ	Ok,M
35	AR1268ICV500	PP068393.D	08 Nov 2024 12:01	YP\AJ	Ok,M

M : Manual Integration

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP120624

Review By	yogesh	Review On	12/9/2024 9:27:36 AM		
Supervise By	Ankita	Supervise On	12/9/2024 10:18:48 AM		
SubDirectory	PP120624	HP Acquire Method		HP Processing Method	PP120624

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	PP068835.D	06 Dec 2024 09:01	YP\AJ	Ok
2	AR1660CCC500	PP068836.D	06 Dec 2024 09:34	YP\AJ	Ok
3	AR1242CCC500	PP068837.D	06 Dec 2024 09:50	YP\AJ	Ok,M
4	AR1248CCC500	PP068838.D	06 Dec 2024 10:06	YP\AJ	Ok
5	AR1254CCC500	PP068839.D	06 Dec 2024 10:23	YP\AJ	Ok,M
6	I.BLK	PP068840.D	06 Dec 2024 10:39	YP\AJ	Ok
7	PB165421BL	PP068841.D	06 Dec 2024 13:09	YP\AJ	Ok
8	PB165421BS	PP068842.D	06 Dec 2024 13:25	YP\AJ	Ok
9	P5112-01	PP068843.D	06 Dec 2024 13:41	YP\AJ	Ok
10	P5117-02	PP068844.D	06 Dec 2024 13:58	YP\AJ	Ok
11	P5117-02MS	PP068845.D	06 Dec 2024 14:14	YP\AJ	Ok
12	P5117-02MSD	PP068846.D	06 Dec 2024 14:30	YP\AJ	Ok
13	P5133-01	PP068847.D	06 Dec 2024 14:47	YP\AJ	Ok,M
14	P5134-01	PP068848.D	06 Dec 2024 15:03	YP\AJ	Ok,M
15	P5136-01	PP068849.D	06 Dec 2024 15:19	YP\AJ	Ok
16	P5137-01	PP068850.D	06 Dec 2024 15:35	YP\AJ	Ok
17	AR1660CCC500	PP068851.D	06 Dec 2024 16:24	YP\AJ	Ok
18	AR1242CCC500	PP068852.D	06 Dec 2024 16:40	YP\AJ	Ok
19	AR1248CCC500	PP068853.D	06 Dec 2024 16:56	YP\AJ	Ok
20	AR1254CCC500	PP068854.D	06 Dec 2024 17:13	YP\AJ	Ok,M
21	I.BLK	PP068855.D	06 Dec 2024 17:29	YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP120624

Review By	yogesh	Review On	12/9/2024 9:27:36 AM		
Supervise By	Ankita	Supervise On	12/9/2024 10:18:48 AM		
SubDirectory	PP120624	HP Acquire Method		HP Processing Method	PP120624

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	P5135-01	PP068856.D	06 Dec 2024 17:45	YP\AJ	Ok,M
23	P5103-01	PP068857.D	06 Dec 2024 18:01	YP\AJ	Ok,M
24	P5106-01	PP068858.D	06 Dec 2024 18:18	YP\AJ	Ok
25	PB165429BL	PP068859.D	06 Dec 2024 18:34	YP\AJ	Ok
26	PB165429BS	PP068860.D	06 Dec 2024 18:50	YP\AJ	Ok,M
27	PB165429BSD	PP068861.D	06 Dec 2024 19:07	YP\AJ	Ok
28	P5093-01	PP068862.D	06 Dec 2024 19:23	YP\AJ	Ok
29	P5093-02	PP068863.D	06 Dec 2024 19:39	YP\AJ	Ok
30	P5100-03	PP068864.D	06 Dec 2024 19:55	YP\AJ	Not Ok
31	P5145-01	PP068865.D	06 Dec 2024 20:12	YP\AJ	Ok
32	AR1660CCC500	PP068866.D	06 Dec 2024 21:00	YP\AJ	Ok,M
33	AR1242CCC500	PP068867.D	06 Dec 2024 21:16	YP\AJ	Ok
34	AR1248CCC500	PP068868.D	06 Dec 2024 21:33	YP\AJ	Ok
35	AR1254CCC500	PP068869.D	06 Dec 2024 21:49	YP\AJ	Not Ok
36	I.BLK	PP068870.D	06 Dec 2024 22:05	YP\AJ	Ok
37	PB165420BL	PP068871.D	06 Dec 2024 22:21	YP\AJ	Ok
38	PB165420BS	PP068872.D	06 Dec 2024 22:38	YP\AJ	Ok,M
39	P5123-01	PP068873.D	06 Dec 2024 22:54	YP\AJ	Ok
40	P5123-02	PP068874.D	06 Dec 2024 23:10	YP\AJ	Ok,M
41	AR1660CCC500	PP068875.D	07 Dec 2024 03:23	YP\AJ	Ok
42	AR1242CCC500	PP068876.D	07 Dec 2024 04:23	YP\AJ	Ok
43	I.BLK	PP068877.D	07 Dec 2024 04:39	YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP110724

Review By	yogesh	Review On	11/11/2024 9:23:03 AM		
Supervise By	Ankita	Supervise On	11/11/2024 9:48:52 AM		
SubDirectory	PP110724	HP Acquire Method		HP Processing Method	PP110724

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	PP068359.D	08 Nov 2024 02:13		YP\AJ	Ok
2	I.BLK	I.BLK	PP068360.D	08 Nov 2024 02:29		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP068361.D	08 Nov 2024 02:45		YP\AJ	Ok,M
4	AR1660ICC750	AR1660ICC750	PP068362.D	08 Nov 2024 03:02		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP068363.D	08 Nov 2024 03:18		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP068364.D	08 Nov 2024 03:34		YP\AJ	Ok,M
7	AR1660ICC050	AR1660ICC050	PP068365.D	08 Nov 2024 03:51		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP068366.D	08 Nov 2024 04:07		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP068367.D	08 Nov 2024 04:23		YP\AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PP068368.D	08 Nov 2024 04:40		YP\AJ	Ok
11	AR1242ICC750	AR1242ICC750	PP068369.D	08 Nov 2024 04:56		YP\AJ	Ok,M
12	AR1242ICC500	AR1242ICC500	PP068370.D	08 Nov 2024 05:12		YP\AJ	Ok
13	AR1242ICC250	AR1242ICC250	PP068371.D	08 Nov 2024 05:29		YP\AJ	Ok,M
14	AR1242ICC050	AR1242ICC050	PP068372.D	08 Nov 2024 05:45		YP\AJ	Ok
15	AR1248ICC1000	AR1248ICC1000	PP068373.D	08 Nov 2024 06:01		YP\AJ	Ok
16	AR1248ICC750	AR1248ICC750	PP068374.D	08 Nov 2024 06:18		YP\AJ	Ok
17	AR1248ICC500	AR1248ICC500	PP068375.D	08 Nov 2024 06:34		YP\AJ	Ok
18	AR1248ICC250	AR1248ICC250	PP068376.D	08 Nov 2024 06:50		YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP110724

Review By	yogesh	Review On	11/11/2024 9:23:03 AM		
Supervise By	Ankita	Supervise On	11/11/2024 9:48:52 AM		
SubDirectory	PP110724	HP Acquire Method		HP Processing Method	PP110724

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	PP068377.D	08 Nov 2024 07:07		YP\AJ	Ok
20	AR1254ICC1000	AR1254ICC1000	PP068378.D	08 Nov 2024 07:23		YP\AJ	Ok,M
21	AR1254ICC750	AR1254ICC750	PP068379.D	08 Nov 2024 07:39		YP\AJ	Ok,M
22	AR1254ICC500	AR1254ICC500	PP068380.D	08 Nov 2024 07:56		YP\AJ	Ok,M
23	AR1254ICC250	AR1254ICC250	PP068381.D	08 Nov 2024 08:12		YP\AJ	Ok,M
24	AR1254ICC050	AR1254ICC050	PP068382.D	08 Nov 2024 08:28		YP\AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP068383.D	08 Nov 2024 08:45		YP\AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP068384.D	08 Nov 2024 09:01		YP\AJ	Ok,M
27	AR1268ICC750	AR1268ICC750	PP068385.D	08 Nov 2024 09:17		YP\AJ	Ok,M
28	AR1268ICC500	AR1268ICC500	PP068386.D	08 Nov 2024 09:34		YP\AJ	Ok
29	AR1268ICC250	AR1268ICC250	PP068387.D	08 Nov 2024 09:50		YP\AJ	Ok,M
30	AR1268ICC050	AR1268ICC050	PP068388.D	08 Nov 2024 10:39		YP\AJ	Ok,M
31	PP110724ICV500	ICVPP110724	PP068389.D	08 Nov 2024 10:55		YP\AJ	Ok
32	AR1242ICV500	ICVPP110724AR1242	PP068390.D	08 Nov 2024 11:12		YP\AJ	Ok,M
33	AR1248ICV500	ICVPP110724AR1248	PP068391.D	08 Nov 2024 11:28		YP\AJ	Ok
34	AR1254ICV500	ICVPP110724AR1254	PP068392.D	08 Nov 2024 11:45		YP\AJ	Ok,M
35	AR1268ICV500	ICVPP110724AR1268	PP068393.D	08 Nov 2024 12:01		YP\AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP120624

Review By	yogesh	Review On	12/9/2024 9:27:36 AM		
Supervise By	Ankita	Supervise On	12/9/2024 10:18:48 AM		
SubDirectory	PP120624	HP Acquire Method		HP Processing Method	PP120624

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	PP068835.D	06 Dec 2024 09:01		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP068836.D	06 Dec 2024 09:34		YP\AJ	Ok
3	AR1242CCC500	AR1242CCC500	PP068837.D	06 Dec 2024 09:50		YP\AJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PP068838.D	06 Dec 2024 10:06		YP\AJ	Ok
5	AR1254CCC500	AR1254CCC500	PP068839.D	06 Dec 2024 10:23		YP\AJ	Ok,M
6	I.BLK	I.BLK	PP068840.D	06 Dec 2024 10:39		YP\AJ	Ok
7	PB165421BL	PB165421BL	PP068841.D	06 Dec 2024 13:09		YP\AJ	Ok
8	PB165421BS	PB165421BS	PP068842.D	06 Dec 2024 13:25		YP\AJ	Ok
9	P5112-01	10TH-ST-SOIL	PP068843.D	06 Dec 2024 13:41		YP\AJ	Ok
10	P5117-02	TAPIAL2-IDW-SOIL-12(	PP068844.D	06 Dec 2024 13:58		YP\AJ	Ok
11	P5117-02MS	TAPIAL2-IDW-SOIL-12(	PP068845.D	06 Dec 2024 14:14		YP\AJ	Ok
12	P5117-02MSD	TAPIAL2-IDW-SOIL-12(	PP068846.D	06 Dec 2024 14:30		YP\AJ	Ok
13	P5133-01	MOO-24-00374	PP068847.D	06 Dec 2024 14:47	AR1254 hit	YP\AJ	Ok,M
14	P5134-01	MOO-24-00373	PP068848.D	06 Dec 2024 15:03		YP\AJ	Ok,M
15	P5136-01	COMP-1	PP068849.D	06 Dec 2024 15:19		YP\AJ	Ok
16	P5137-01	LAW-OILY-STONES	PP068850.D	06 Dec 2024 15:35		YP\AJ	Ok
17	AR1660CCC500	AR1660CCC500	PP068851.D	06 Dec 2024 16:24		YP\AJ	Ok
18	AR1242CCC500	AR1242CCC500	PP068852.D	06 Dec 2024 16:40		YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP120624

Review By	yogesh	Review On	12/9/2024 9:27:36 AM		
Supervise By	Ankita	Supervise On	12/9/2024 10:18:48 AM		
SubDirectory	PP120624	HP Acquire Method		HP Processing Method	PP120624

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248CCC500	AR1248CCC500	PP068853.D	06 Dec 2024 16:56		YP\AJ	Ok
20	AR1254CCC500	AR1254CCC500	PP068854.D	06 Dec 2024 17:13		YP\AJ	Ok,M
21	I.BLK	I.BLK	PP068855.D	06 Dec 2024 17:29		YP\AJ	Ok
22	P5135-01	LAW-23-00193	PP068856.D	06 Dec 2024 17:45		YP\AJ	Ok,M
23	P5103-01	422	PP068857.D	06 Dec 2024 18:01	DCB HIGH in second column	YP\AJ	Ok,M
24	P5106-01	NWB-2069	PP068858.D	06 Dec 2024 18:18		YP\AJ	Ok
25	PB165429BL	PB165429BL	PP068859.D	06 Dec 2024 18:34		YP\AJ	Ok
26	PB165429BS	PB165429BS	PP068860.D	06 Dec 2024 18:50		YP\AJ	Ok,M
27	PB165429BSD	PB165429BSD	PP068861.D	06 Dec 2024 19:07		YP\AJ	Ok
28	P5093-01	LL-001	PP068862.D	06 Dec 2024 19:23		YP\AJ	Ok
29	P5093-02	LL-001-FB-12-4-24	PP068863.D	06 Dec 2024 19:39		YP\AJ	Ok
30	P5100-03	3154	PP068864.D	06 Dec 2024 19:55	AR1254 hit CCC low	YP\AJ	Not Ok
31	P5145-01	286085	PP068865.D	06 Dec 2024 20:12		YP\AJ	Ok
32	AR1660CCC500	AR1660CCC500	PP068866.D	06 Dec 2024 21:00	AR1260-04 low in 1st column	YP\AJ	Ok,M
33	AR1242CCC500	AR1242CCC500	PP068867.D	06 Dec 2024 21:16	AR1242-05 low in 1st column	YP\AJ	Ok
34	AR1248CCC500	AR1248CCC500	PP068868.D	06 Dec 2024 21:33	AR1248-04,05 low in 1st column	YP\AJ	Ok
35	AR1254CCC500	AR1254CCC500	PP068869.D	06 Dec 2024 21:49	ccc failing low	YP\AJ	Not Ok
36	I.BLK	I.BLK	PP068870.D	06 Dec 2024 22:05		YP\AJ	Ok
37	PB165420BL	PB165420BL	PP068871.D	06 Dec 2024 22:21		YP\AJ	Ok

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Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP120624

Review By	yogesh	Review On	12/9/2024 9:27:36 AM		
Supervise By	Ankita	Supervise On	12/9/2024 10:18:48 AM		
SubDirectory	PP120624	HP Acquire Method		HP Processing Method	PP120624

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	PB165420BS	PB165420BS	PP068872.D	06 Dec 2024 22:38		YP\AJ	Ok,M
39	P5123-01	1439-BIDS-WHITE-WIN	PP068873.D	06 Dec 2024 22:54		YP\AJ	Ok
40	P5123-02	1939-1915-BIDS-2A-2B	PP068874.D	06 Dec 2024 23:10		YP\AJ	Ok,M
41	AR1660CCC500	AR1660CCC500	PP068875.D	07 Dec 2024 03:23	AR1260-04 low in 1st column	YP\AJ	Ok
42	AR1242CCC500	AR1242CCC500	PP068876.D	07 Dec 2024 04:23		YP\AJ	Ok
43	I.BLK	I.BLK	PP068877.D	07 Dec 2024 04:39		YP\AJ	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 12/6/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 12/05/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:15
Out Date: 12/06/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB133767

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
P5112-01	10TH-ST-SOIL	1	1.15	8.38	9.53	8.81	91.4	
P5113-01	FES-SB406-4345	2	1.15	8.81	9.96	8.94	88.4	
P5113-02	FES-SB406-7375	3	1.15	8.61	9.76	7.93	78.7	
P5117-01	TAPIAL3-SB04I-10-12032 4-00-T1	4	1.15	8.59	9.74	9.37	95.7	
P5117-02	TAPIAL2-IDW-SOIL-12042 4-00-T2	5	1.15	8.38	9.53	7.84	79.8	
P5120-01	TAPIAL2-IDW-SOIL-12042 4-00-T2	6	1.15	8.38	9.53	7.84	79.8	
P5133-01	MOO-24-00374	9	1.15	8.35	9.5	9.14	95.7	
P5134-01	MOO-24-00373	10	1.00	1.00	2.00	2.00	100.0	debris
P5135-01	LAW-23-00193	11	1.16	8.44	9.6	9.05	93.5	
P5136-01	COMP-1	12	1.16	8.49	9.65	7.26	71.8	
P5137-01	LAW-OILY-STONES	13	1.00	1.00	2.00	2.00	100.0	oily stone
P5137-02	LAW-OILY-STONES-E2	14	1.00	1.00	2.00	2.00	100.0	oily stone
P5144-01	60400	15	1.00	1.00	2.00	2.00	100.0	wipe sample
P5147-01	EX-8-TPH-1	7	1.15	8.82	9.97	8.29	81.0	
P5147-02	EX-8-TPH-2	8	1.15	8.76	9.91	8.1	79.3	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

VB 133767

WorkList Name : %1-120524 **WorkList ID :** 185988 **Department :** Wet-Chemistry **Date :** 12-05-2024 08:21:57

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5112-01	10TH-ST-SOIL	Solid	Percent Solids	Cool 4 deg C	TULL02	L51	12/05/2024	Chemtech -SO
P5113-01	FES-SB406-4345	Solid	Percent Solids	Cool 4 deg C	TETR06	L31	12/04/2024	Chemtech -SO
P5113-02	FES-SB406-7375	Solid	Percent Solids	Cool 4 deg C	TETR06	L31	12/04/2024	Chemtech -SO
P5117-01	TAPIAL3-SB04I-10-120324-00-	Solid	Percent Solids	Cool 4 deg C	WEST04	L41	12/05/2024	Chemtech -SO
P5117-02	TAPIAL2-IDW-SOIL-120424-00·	Solid	Percent Solids	Cool 4 deg C	WEST04	L41	12/05/2024	Chemtech -SO
P5120-01	TAPIAL2-IDW-SOIL-120424-00·	Solid	Percent Solids	Cool 4 deg C	WEST04	L51	11/27/2024	Chemtech -SO
P5133-01	MOO-24-00374	Solid	Percent Solids	Cool 4 deg C	PSEG03	L61	12/05/2024	Chemtech -SO
P5134-01	MOO-24-00373	Solid	Percent Solids	Cool 4 deg C	PSEG03	L61	12/05/2024	Chemtech -SO
P5135-01	LAW-23-00193	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	12/05/2024	Chemtech -SO
P5136-01	COMP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L61	12/05/2024	Chemtech -SO
P5137-01	LAW-OILY-STONES	Solid	Percent Solids	Cool 4 deg C	PSEG03	L61	12/05/2024	Chemtech -SO
P5137-02	LAW-OILY-STONES-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L61	12/05/2024	Chemtech -SO
P5147-01	EX-8-TPH-1	Solid	Percent Solids	Cool 4 deg C	ENTA05	L41	12/05/2024	Chemtech -SO
P5147-02	EX-8-TPH-2	Solid	Percent Solids	Cool 4 deg C	ENTA05	L41	12/05/2024	Chemtech -SO

Date/Time 12/05/24 15:40

Raw Sample Received by: TD (WPC)

Raw Sample Relinquished by: RJ CEXT-(ab)

Date/Time 12/05/24 17:10

Raw Sample Received by: RJ CEXT-(ab)

Raw Sample Relinquished by: TD (WPC)

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB165421

SOP ID:	M3541-ASE Extraction-14				
Clean Up SOP #:	Acid Cleanup			**Extraction Start Date :**	12/06/2024
Matrix :	Solid			**Extraction Start Time :**	08:25
Weigh By:	RJ	**Extraction By:**	RJ	**Extraction End Date :**	12/06/2024
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	11:25
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	PP23913
Surrogate	1.0ML	200 PPB	PP23985
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	N/A	E3826
Baked Na2SO4	N/A	EP2570
H2SO4 1:1	N/A	EP2565
Sand	N/A	E2865
Hexane/Acetone/1:1	N/A	EP2561
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40BTS721. P5134-01,P5136-01 Limited volume used as samples are are Oily debries.

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
12/6/24	RP (Ext 105)	AJ PCB Lab
11:30	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB165421

Analytical Method: M3541-ASE Extraction-14 **Concentration Date:** 12/06/2024

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB165421BL	ABLK421	PCB	30.02	N/A	ritesh	Evelyn	10			U6-1
PB165421BS	ALCS421	PCB	30.01	N/A	ritesh	Evelyn	10			2
P5112-01	10TH-ST-SOIL	PCB	30.06	N/A	ritesh	Evelyn	10	E		3
P5117-02	TAPIAL2-IDW-SOIL-120424-00-T2	PCB	30.09	N/A	ritesh	Evelyn	10	E		4
P5117-02MS	TAPIAL2-IDW-SOIL-120424-00-T2MS	PCB	30.07	N/A	ritesh	Evelyn	10	E		5
P5117-02MSD	TAPIAL2-IDW-SOIL-120424-00-T2MSD	PCB	30.03	N/A	ritesh	Evelyn	10	E		6
P5133-01	MOO-24-00374	PCB	30.01	N/A	ritesh	Evelyn	10	E	Small Partical	U7-1
P5134-01	MOO-24-00373	PCB	5.04	N/A	ritesh	Evelyn	10		Oily Debris	2
P5135-01	LAW-23-00193	PCB	30.03	N/A	ritesh	Evelyn	10		Small Partical	3
P5136-01	COMP-1	PCB	5.07	N/A	ritesh	Evelyn	10	E	Oily Debris + Small Particle	4
P5137-01	LAW-OILY-STONES	PCB	30.06	N/A	ritesh	Evelyn	10	E	Stone	5

* **Extracts relinquished on the same date as received.**

12/3/24
8:25 PM

WORKLIST(Hardcopy Internal Chain)

WorkList Name : p5112 **WorkList ID :** 186037 **Department :** Extraction **Date :** 12-06-2024 08:18:06

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5112-01	10TH-ST-SOIL	Solid	PCB	Cool 4 deg C	TULL02	L51	12/05/2024	8082A
P5117-02	TAPIAL2-IDW-SOIL-120424-00-	Solid	PCB	Cool 4 deg C	WEST04	L41	12/05/2024	8082A
P5123-01	1439-BIDS-WHITE-WINDOW-1	Solid	PCB Group1	Cool 4 deg C	ATCE02	M11	11/23/2024	8082A
P5123-02	1939-1915-BIDS-2A-2B-2C-BUI	Solid	PCB Group1	Cool 4 deg C	ATCE02	M11	11/23/2024	8082A
P5133-01	MOO-24-00374	Solid	PCB	Cool 4 deg C	PSEG03	L61	12/05/2024	8082A
P5134-01	MOO-24-00373	Solid	PCB	Cool 4 deg C	PSEG03	L61	12/05/2024	8082A
P5135-01	LAW-23-00193	Solid	PCB	Cool 4 deg C	PSEG03	L51	12/05/2024	8082A
P5136-01	COMP-1	Solid	PCB	Cool 4 deg C	PSEG03	L61	12/05/2024	8082A
P5137-01	LAW-OILY-STONES	Solid	PCB	Cool 4 deg C	PSEG03	L61	12/05/2024	8082A

Date/Time 12/6/24 8:20
Raw Sample Received by: RJ (Ext log)
Raw Sample Relinquished by: JD (Sm)

Date/Time 12/6/24 8:45
Raw Sample Received by: JD (Sm)
Raw Sample Relinquished by: RJ (Ext log)

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Prep Standard - Chemical Standard Summary

Order ID : P5117

Test : PCB

Prepbatch ID : PB165421,

Sequence ID/Qc Batch ID: PP120624,

Standard ID :

EP2561,EP2565,EP2570,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,PP23913,PP23946,PP23947,PP23985,

Chemical ID :

E2865,E3551,E3804,E3805,E3822,E3825,E3826,E3827,M5173,P10483,P10500,P 11507,P11512,P11521,P11581,P11587,P11590,P11597,P12698,P12929,P12934,P12947,P12957,P13033,P13104,P13109,P13350,P13352,P13372,W 3112,

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Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
230	1:1ACETONE/HEXANE	EP2561	11/14/2024	05/08/2025	Rajesh Parikh	None	None	RUPESHKUMAR SHAH 11/14/2024

FROM 8000.00000ml of E3826 + 8000.00000ml of E3827 = Final Quantity: 8000.000 ml

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

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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	EP2570	12/02/2024	01/03/2025	Rajesh Parikh	Extraction_SCALE_2 (EX-SC-2)	None	RUPESHKUMAR SHAH 12/02/2024

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
3609	20 PPM DRO SPIKE SOLUTION (RESTEK)	PP23913	10/25/2024	04/23/2025	Yogesh Patel	None	None	Ankita Jodhani 10/25/2024

FROM 1.00000ml of P13104 + 1.00000ml of P13109 + 48.00000ml of E3822 = Final Quantity: 50.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3817	AR1268 1000 ppb Working Soln. 2nd source	PP23946	11/07/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 11/13/2024

FROM 1.00000ml of P11521 + 98.50000ml of E3825 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3823	AR1268 500 PPB STD ICV	PP23947	11/07/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 11/13/2024

FROM 0.50000ml of E3825 + 0.50000ml of PP23946 = Final Quantity: 1.000 ml

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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	PP23985	11/15/2024	05/08/2025	Ankita Jodhani	None	None	Yogesh Patel 11/18/2024

FROM 1.00000ml of P13352 + 999.00000ml of E3827 = 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	12/31/2024	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	01/03/2025	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-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	24I2662006	04/23/2025	10/24/2024 / Rajesh	10/24/2024 / Rajesh	E3822

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

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	24G1962003	05/09/2025	11/09/2024 / Rajesh	11/07/2024 / Rajesh	E3826

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	05/08/2025	11/08/2024 / Rajesh	11/07/2024 / Rajesh	E3827

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9673-33 / Sulfuric Acid, Instra-Analyzed (cs/6c2.5L)	0000281827	06/02/2025	06/01/2022 /	04/05/2022 / william	M5173

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32039 / PCB Mix, Aroclor 1016/1260, 1000ug/mL, hexane, 1mL/ampul	A0163157	04/03/2025	10/03/2024 / Ankita	03/19/2021 / Abdul	P10483

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32409 / PCB Stock Solution, Aroclor 1262 Std, 1mL, Hexane	A0167722	04/03/2025	10/03/2024 / Ankita	03/19/2021 / Ankita	P10500

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-312-1 / Aroclor 1242	0006665550	04/03/2025	10/03/2024 / Ankita	02/21/2022 / Ankita	P11507

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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-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

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

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards,Inc	91867 / Aroclor 1232 100 ug/mL	020823	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

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

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31266 / Florida TRPH Standard	A0204859	04/25/2025	10/25/2024 / yogesh	01/12/2024 / Yogesh	P13104

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31266 / Florida TRPH Standard	A0204859	04/25/2025	10/25/2024 / yogesh	01/12/2024 / Yogesh	P13109

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	05/15/2025	11/15/2024 / Ankita	04/22/2024 / Abdul	P13352

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 RB on 7/24/23 E3551

Acetone
CMOS

avantor™ | J.T.Baker®

Material No.: 9005-05
Batch No.: 24E0761004
Manufactured Date: 2024-05-02
Retest Date: 2029-05-01
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected for water)	≥ 99.5 %	99.8 %
Color (APHA)	≤ 10	< 5
Residue after Evaporation	≤ 5 ppm	< 1 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.1
Titrable Base (µeq/g)	≤ 0.5	0.1
Water (H_2O)	≤ 0.5 %	0.1 %
Solubility in H_2O	Passes Test	Passes Test
Chloride (Cl)	≤ 0.2 ppm	< 0.2 ppm
Phosphate (PO_4)	≤ 0.05 ppm	< 0.05 ppm
Trace Impurities – Aluminum (Al)	≤ 50.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 5.0 ppb
Trace Impurities – Barium (Ba)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Cadmium (Cd)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Calcium (Ca)	≤ 25.0 ppb	3.6 ppb
Trace Impurities – Chromium (Cr)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Germanium (Ge)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities – Gold (Au)	≤ 20 ppb	< 5 ppb
Trace Impurities – Iron (Fe)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Lead (Pb)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities – Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities – Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb

>>> Continued on page 2 >>>

Recd by RP on 9/25/24

E 3804

Acetone
CMOS

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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

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor™ | J.T.Baker

Material No.: 9266-A4
Batch No.: 24I2662006
Manufactured Date: 2024-08-29
Expiration Date:2025-11-28
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	2
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	3
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	99.9 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Titrable Acid (µeq/g)	<= 0.3	<0.1
Chloride (Cl)	<= 10 ppm	<5 ppm
Water (by KF, coulometric)	<= 0.02 %	<0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E 3822

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

E3825

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

E3826

Rec'd by RP on 11/7/24

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.: 24H1462005
Manufactured Date: 2024-05-24
Expiration Date:2027-05-24
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3827

Recd by RP on ~~11/6~~ 11/7/24
RP 11/7

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

avantor™ | J.T.Baker®

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

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
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Bellefonte, PA 16823-8812
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www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32039 **Lot No.:** A0163157

Description : Aroclor® 1016/1260 Mix

Aroclor® 1016/1260 Mix 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2026 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound		Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Aroclor 1016		1,007.0 µg/mL	+/- 5.8683	µg/mL	Gravimetric
	CAS # 12674-11-2	(Lot 04)		+/- 31.9082	µg/mL	Unstressed
	Purity ----%			+/- 41.6868	µg/mL	Stressed
2	Aroclor 1260		1,008.0 µg/mL	+/- 5.8741	µg/mL	Gravimetric
	CAS # 11096-82-5	(Lot 07)		+/- 31.9399	µg/mL	Unstressed
	Purity ----%			+/- 41.7282	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P10476
+
P10480

AR
02/19/21

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

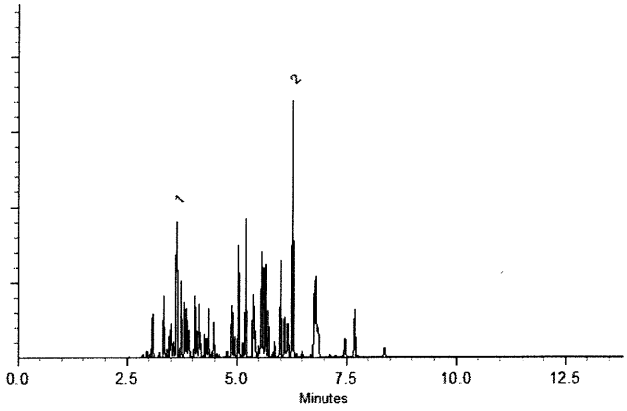
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Tom Suckar - Mix Technician

Date Mixed: 03-Aug-2020 **Balance:** B442140311

Justine Albertson - Operations Tech-ARM QC

Date Passed: 05-Aug-2020

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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Certificate #3222.01

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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. : 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)

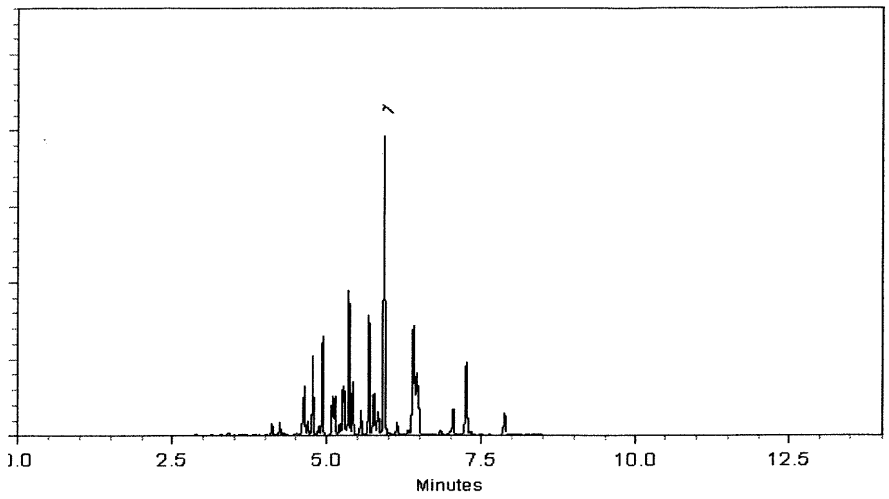
Carrier Gas:
helium-constant pressure 20 psi.

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

CSD-QA-015.1

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

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

CSD-QA-015.1

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

P11518 ↓ P11522 AJ 02/21/22

Certificate of Analysis

Product Name: Aroclor 1268 Standard

Product Number: PP-382-1 **Lot Issue Date:** 09-Feb-2021

Lot Number: 0006587800 **Expiration Date:** 31-Mar-2029

Description:
This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
Aroclor 1268	011100-14-4	RM00937	100.0 ± 0.5 µg/mL

Matrix: isooctane (2,2,4-trimethylpentane)

Storage Conditions: Store at Room Temperature (15° to 30°C).

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Intended Use:
This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

Expiration of Certification:
The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

M Bourgeois

Monica Bourgeois
QMS Representative

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026
Page: 1 of 1
www.agilent.com/quality/
CSD-QA-015.1

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ISO 17025 Cert No. AT-1937

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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. : 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%

P11578 ↓ P11582 (S)

AR 04/30/22

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

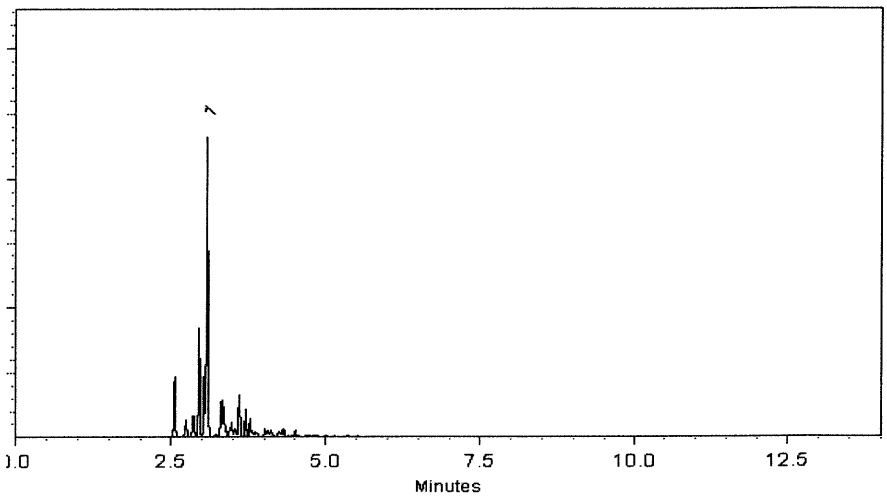
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 16-Aug-2021 **Balance:** B442140311

Marlina Cowan - Operations Tech I

Date Passed: 18-Aug-2021

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P11578 ↓ P11582 (5)

AR 04/30/22

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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)

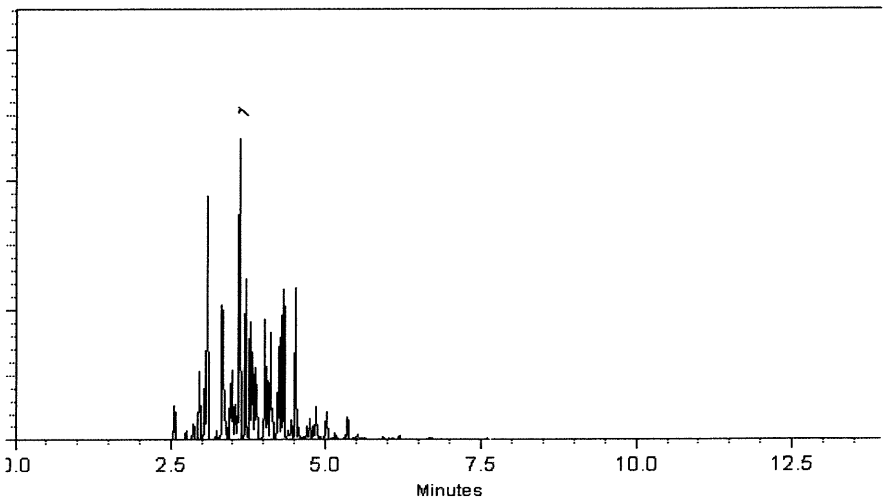
Carrier Gas:
helium-constant pressure 20 psi.

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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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)

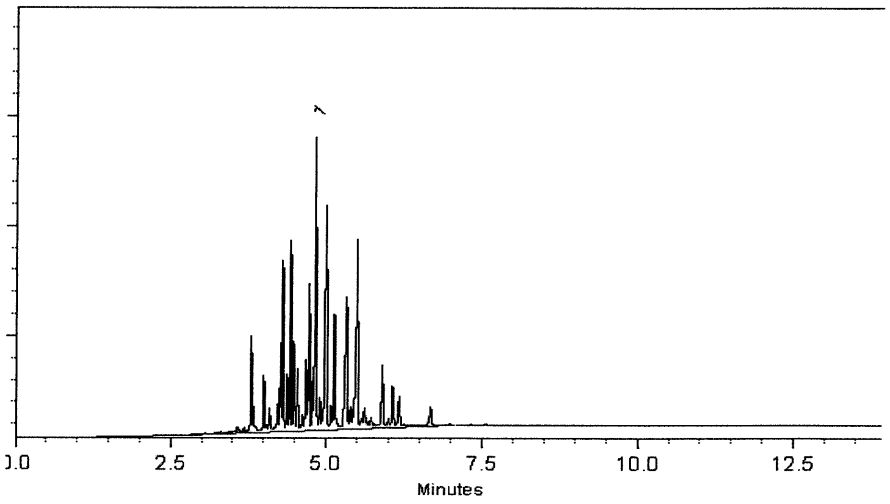
Carrier Gas:
helium-constant pressure 20 psi.

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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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)

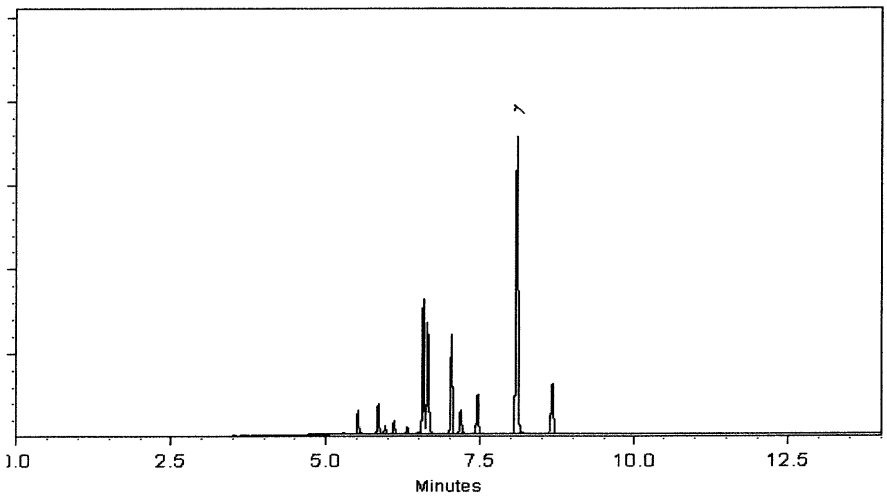
Carrier Gas:
helium-constant pressure 20 psi.

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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www.absolutestandards.com

Certified Refe

CERTIFIED WEIGHT REPORT

Part Number:	91867
Lot Number:	020823
Description:	WP 037 - Aroclor 1232 PCB Technical Mixture
Expiration Date:	020833
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	100
NIST Test ID#:	6UTB

Solvent(
Acet

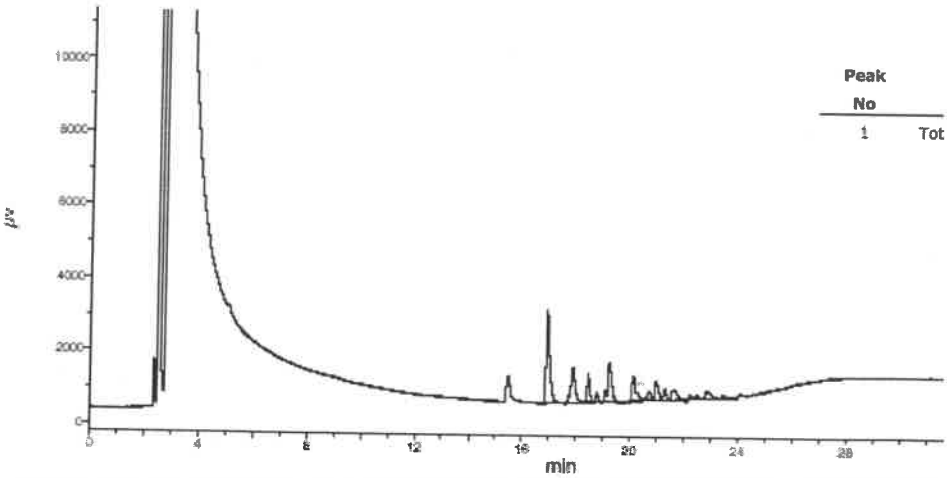
5E-05 Balance Uncertainty
0.057 Flask Uncertainty

Weight(s) shown below were combined and diluted to (mL): 100.0

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Targ Weight (g
1. Aroclor 1232	17	45-6A	100	100	0.5	0.01000

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measure Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



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ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32009 **Lot No.:** A0203672

Description : Aroclor® 1242 Standard

Aroclor® 1242 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

P12928
↓
P12932
AJ
12/07/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1242	53469-21-9	01141	----%	1,004.7 µg/mL	+/- 55.7515

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

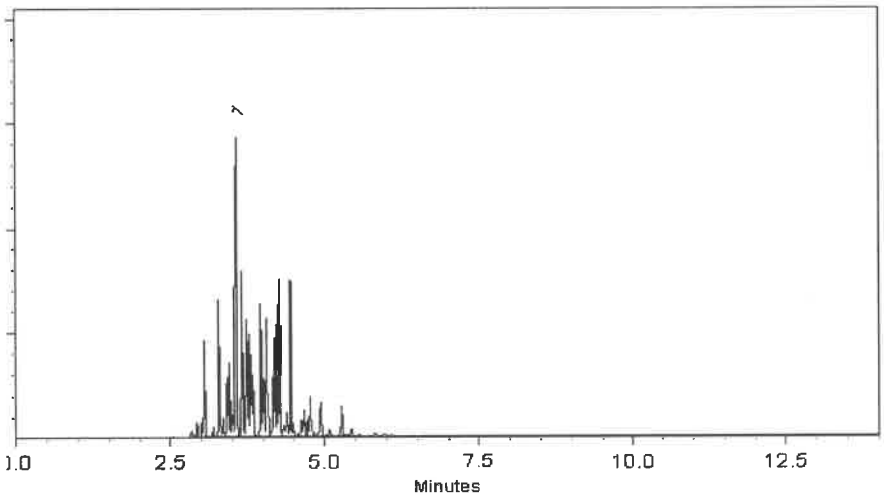
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Russ Bookhamer - Operations Technician I

Date Mixed: 26-Oct-2023 **Balance Serial #** B442140311

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 06-Nov-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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chromatographic plus

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ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

P12933 ↓ P12937 AJ 12/07/23

Catalog No. : 32010 **Lot No.:** A0202803

Description : Aroclor® 1248 Standard

Aroclor® 1248 Standard 1,000µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1248	12672-29-6	13897600	----%	1,001.7 µg/mL	+/- 55.5850

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

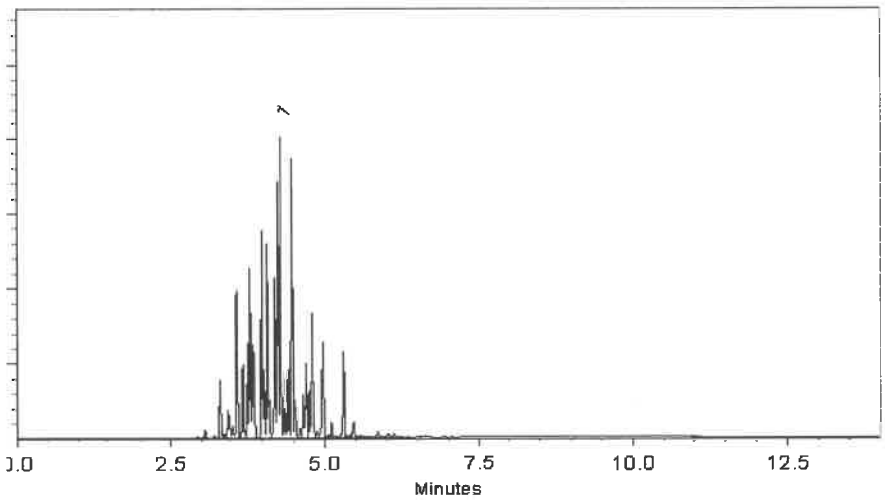
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I

Date Mixed: 03-Oct-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 09-Oct-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

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www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

P5117-PCB

CERTIFIED WEIGHT REPORT

Part Number:	20064
Lot Number:	022023
Description:	CLP PCB'S - Aroclor Mix
	Aroclors 1016 & 1260
Expiration Date:	022033
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	1000
NIST Test ID#:	6UTB

Solvent(s): Hexane **Lot#** 273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

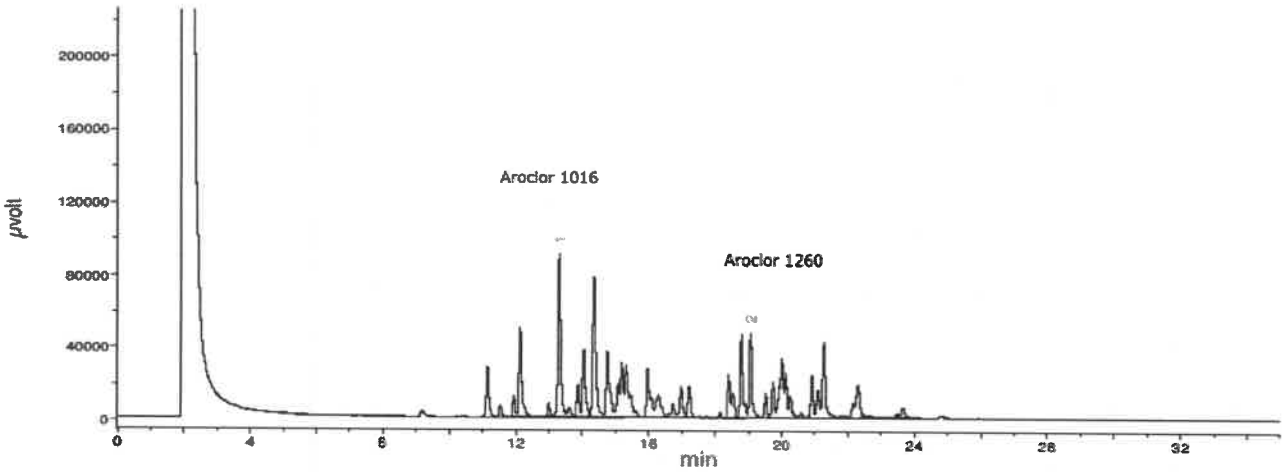
Formulated By: Benson Chan	022023 DATE
Reviewed By: Pedro L. Rentas	022023 DATE

P12946 ↓ P12955 — Y.P. 12/20/23

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1016	15	020491JC	1000	100	0.2	0.20004	0.20060	1002.8	4.0	12674-11-2	N/A	N/A
2. Aroclor 1260	21	020491JC	1000	100	0.2	0.20004	0.20081	1003.9	4.0	11096-82-5	0.5mg/m3	orl-rat 1315mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



409 of 605

Absolute Standards, Inc.
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www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

P5117-PCB

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

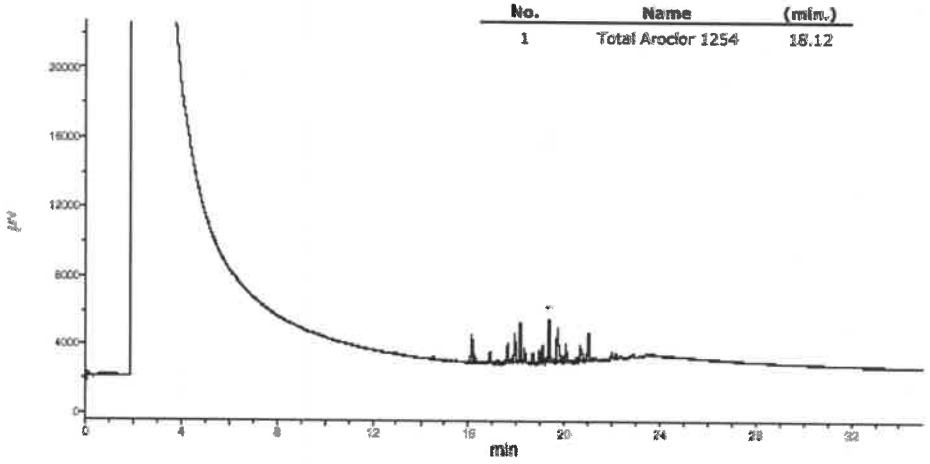
Note: Aroclor 1254 is a mix of isomers.

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



411 of 605

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800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 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

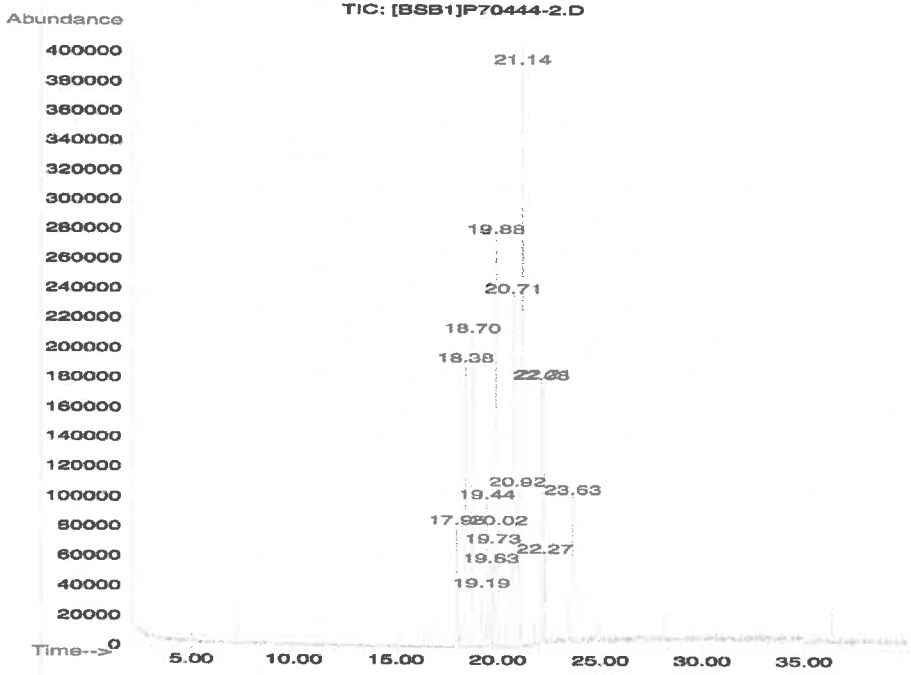
Weight(s) shown below were combined and diluted to (mL): 50.0 | 5E-05 Balance Uncertainty | 0.005 Flask Uncertainty

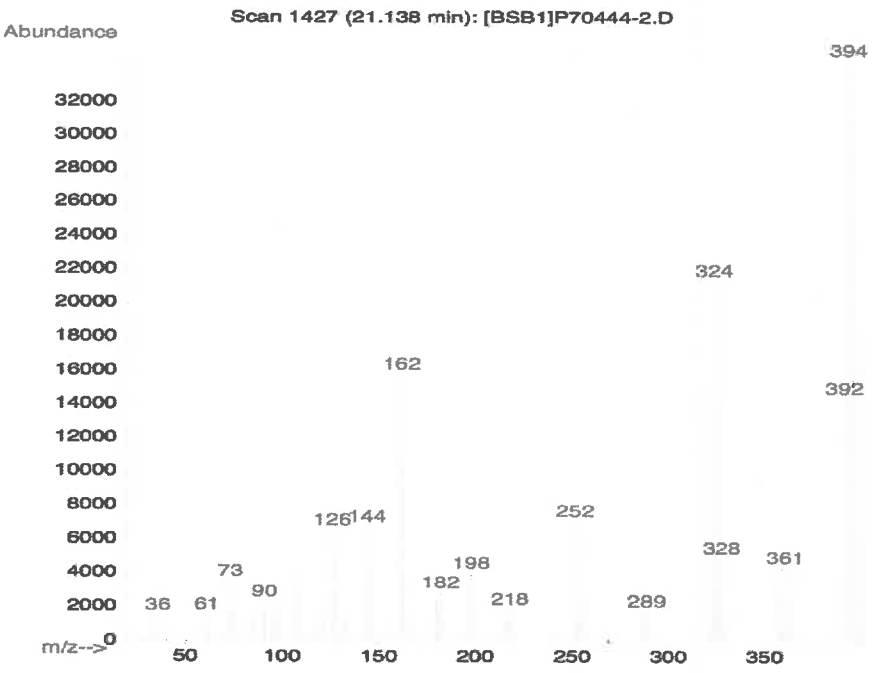
Formulated By:	Prashant Chauhan	112322 DATE
Reviewed By:	Pedro L. Rentas	112322 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1262	444	W-130-05	1000	100	0.2	0.05003	0.05016	1002.7	4.5	37324-23-5	N/A	orl-rat 11300mg/kg

Method GC7MSD-7.M: Column:(30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 150°C (0min.), Temp 2 = 290°C (12.5 min.), Rate = 8°C/min., Injector B= 200°C, Detector B = 290°C.

P13032 2 P13033 Y.P. 12/21/23





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Absolute Standards, Inc.
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Certified Reference Material CRM

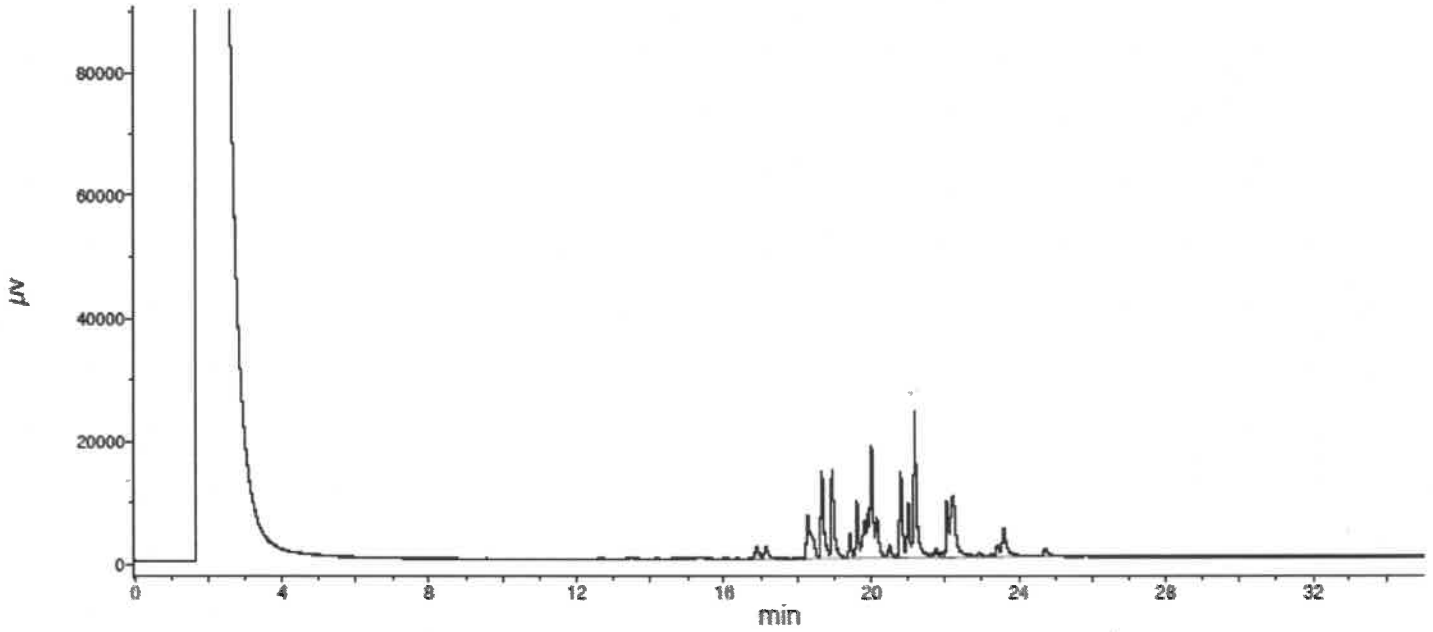
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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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CERTIFIED REFERENCE MATERIAL

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31266 **Lot No.:** A0204859

Description : Florida TRPH Standard

Florida TRPH Standard 500µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : December 31, 2030 **Storage:** 25°C nominal

Handling: Sonicate prior to use. **Ship:** Ambient

P13103 → P13112 Y.P. 01/12/2024

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	n-Octane (C8)	111-65-9	SHBP9758	99%	504.4 µg/mL	+/- 13.0305
2	n-Decane (C10)	124-18-5	SHBQ1342	99%	503.6 µg/mL	+/- 13.0098
3	n-Dodecane (C12)	112-40-3	SHBP7054	99%	503.6 µg/mL	+/- 13.0098
4	n-Tetradecane (C14)	629-59-4	STBK5437	99%	504.0 µg/mL	+/- 13.0201
5	n-Hexadecane (C16)	544-76-3	SHBP8192	99%	504.0 µg/mL	+/- 13.0201
6	n-Octadecane (C18)	593-45-3	UE5NG	98%	504.1 µg/mL	+/- 13.0230
7	n-Eicosane (C20)	112-95-8	MKCN8767	97%	504.0 µg/mL	+/- 13.0204
8	n-Docosane (C22)	629-97-0	MKCQ3882	99%	503.6 µg/mL	+/- 13.0098
9	n-Tetracosane (C24)	646-31-1	MKCQ8345	99%	504.0 µg/mL	+/- 13.0201
10	n-Hexacosane (C26)	630-01-3	MKCQ4814	99%	504.0 µg/mL	+/- 13.0201
11	n-Octacosane (C28)	630-02-4	BCCG0084	99%	504.0 µg/mL	+/- 13.0201
12	n-Triacontane (C30)	638-68-6	MKCQ9436	97%	504.0 µg/mL	+/- 13.0204
13	n-Dotriacontane (C32)	544-85-4	BCBW0661	99%	504.0 µg/mL	+/- 13.0201
14	n-Tetratriacontane (C34)	14167-59-0	OML4N	99%	504.4 µg/mL	+/- 13.0305
15	n-Hexatriacontane (C36)	630-06-8	Z27H018	99%	504.0 µg/mL	+/- 13.0201
16	n-Octatriacontane (C38)	7194-85-6	0000145137	96%	503.8 µg/mL	+/- 13.0152
17	n-Tetracontane (C40)	4181-95-7	OKEGA	99%	503.6 µg/mL	+/- 13.0098

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

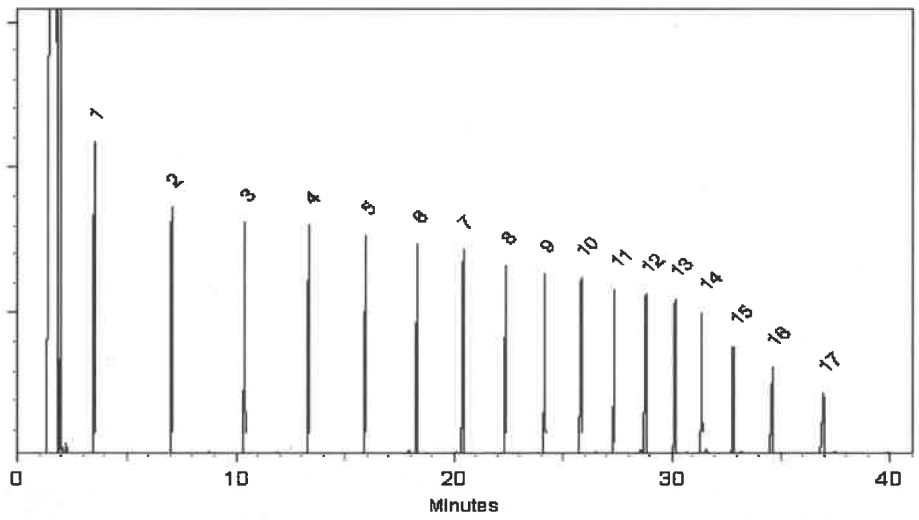
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 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.

Dakota Parson - Operations Technician I

Date Mixed: 29-Nov-2023 **Balance Serial #** B442140311

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 01-Dec-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

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ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31266 **Lot No.:** A0204859

Description : Florida TRPH Standard

Florida TRPH Standard 500µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : December 31, 2030 **Storage:** 25°C nominal

Handling: Sonicate prior to use. **Ship:** Ambient

P13103 → P13112 Y.P. 01/12/2024

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	n-Octane (C8)	111-65-9	SHBP9758	99%	504.4 µg/mL	+/- 13.0305
2	n-Decane (C10)	124-18-5	SHBQ1342	99%	503.6 µg/mL	+/- 13.0098
3	n-Dodecane (C12)	112-40-3	SHBP7054	99%	503.6 µg/mL	+/- 13.0098
4	n-Tetradecane (C14)	629-59-4	STBK5437	99%	504.0 µg/mL	+/- 13.0201
5	n-Hexadecane (C16)	544-76-3	SHBP8192	99%	504.0 µg/mL	+/- 13.0201
6	n-Octadecane (C18)	593-45-3	UE5NG	98%	504.1 µg/mL	+/- 13.0230
7	n-Eicosane (C20)	112-95-8	MKCN8767	97%	504.0 µg/mL	+/- 13.0204
8	n-Docosane (C22)	629-97-0	MKCQ3882	99%	503.6 µg/mL	+/- 13.0098
9	n-Tetracosane (C24)	646-31-1	MKCQ8345	99%	504.0 µg/mL	+/- 13.0201
10	n-Hexacosane (C26)	630-01-3	MKCQ4814	99%	504.0 µg/mL	+/- 13.0201
11	n-Octacosane (C28)	630-02-4	BCCG0084	99%	504.0 µg/mL	+/- 13.0201
12	n-Triacontane (C30)	638-68-6	MKCQ9436	97%	504.0 µg/mL	+/- 13.0204
13	n-Dotriacontane (C32)	544-85-4	BCBW0661	99%	504.0 µg/mL	+/- 13.0201
14	n-Tetratriacontane (C34)	14167-59-0	OML4N	99%	504.4 µg/mL	+/- 13.0305
15	n-Hexatriacontane (C36)	630-06-8	Z27H018	99%	504.0 µg/mL	+/- 13.0201
16	n-Octatriacontane (C38)	7194-85-6	0000145137	96%	503.8 µg/mL	+/- 13.0152
17	n-Tetracontane (C40)	4181-95-7	OKEGA	99%	503.6 µg/mL	+/- 13.0098

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

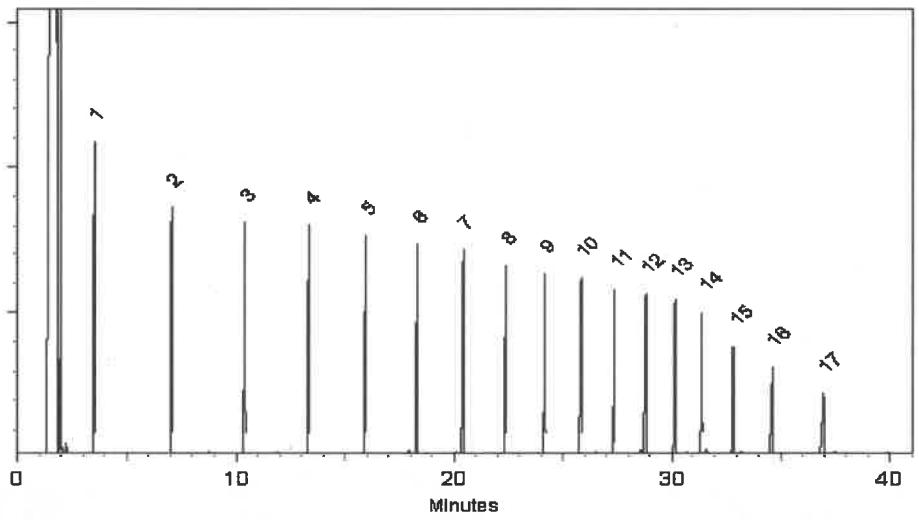
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 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.

Dakota Parson - Operations Technician I

Date Mixed: 29-Nov-2023 **Balance Serial #** B442140311

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 01-Dec-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

P13348 (10) → P13357

Catalog No. : 32000 **Lot No.:** A0206810

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

04/25/2024

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.3 µg/mL	+/- 11.1143
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	200.6 µg/mL	+/- 11.1298

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
hellum-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

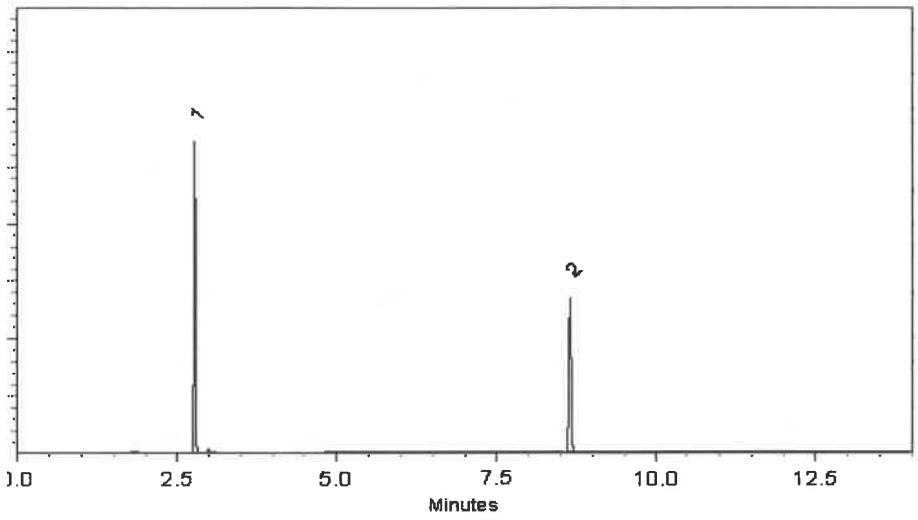
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I **Date Mixed:** 22-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 24-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P13348 (10)
↓
P13357
04/25/2025

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

P13348 (10) → P13357

Catalog No. : 32000 **Lot No.:** A0206810

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

04/25/2024

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.3 µg/mL	+/- 11.1143
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	200.6 µg/mL	+/- 11.1298

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
hellum-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

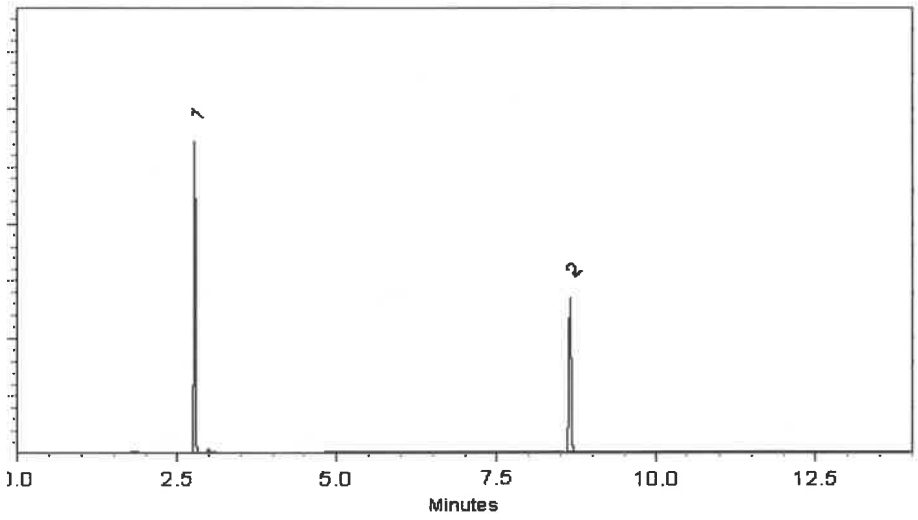
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I **Date Mixed:** 22-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 24-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P13348 (10)
↓
P13357
1
SALE
04/25/2025

Agilent
Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name:	Aroclor 1221 Standard	**Lot Number:**	0006783205
Product Number:	PP-292-1	**Lot Issue Date:**	20-Feb-2024
Storage Conditions:	Store at Room Temperature (15° to 30°C).	**Expiration Date:**	31-Mar-2032

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
Aroclor 1221	100.3	±	0.5 µg/mL	011104-28-2	NT01017

Matrix: isooctane (2,2,4-trimethylpentane)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P133f2
↓
P133f3

AJ
05106124

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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Trusted Answers

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

ANAB
ANSI National Accreditation Board
ACCREDITED
REFERENCE MATERIAL PRODUCER

ISO 17034
Cert No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015 Quality Management System. Cert# 951215321

www.agilent.com/quality/
CSD-QA-015.2

ISO 17025
Cert No. AT-1937

250 Smith Street North Kingstown, Rhode Island 02852 **www.agilent.com/quality**

SHIPPING DOCUMENTS

P5117

Weston COC ID
Weston_20241204

Chain of Custody Record/Lab Work Request

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
SB- Soil
SE - Sediment
SO - Solid
SL - Sludge
GW - Groundwater
W - Water
O - Oil
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	pH by EPA 9045D	TAL Metals by EPA 6020B/7471B	TOC by 9060A	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	Special Instructions/Comments
Analyses Requested:																				
Container Type:								Glass	Glass	Glass	Encore	Glass	Glass	Glass	Glass	Glass	Glass	Glass	Glass	
Container Size:								8 oz	8 oz	8 oz	25g	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	Ice to 0-6	Ice to 0-6	
1	TAPIAL3-SB04I-10-120324-00-T1	g	SB	12	no	12/3/2024	14:00	X	X	X										
2	TAPIAL2-IDW-Soil-120424-00-T2	g	DS	7	no	12/4/2024	13:00	X			X	X	X	X	X	X	X	X	X	Make expedited 7 day TAT
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

Shipping Airbill Number(s): 7704 9457 4944 / 7704 9457 4955

2.3 C

Cooler Number: 1 of 2

	Relinquished By	Date	Time	Received By	Date	Time	Additional Comments
1.)	Sir Lhd f Wrk	12/4/24	1600		12-5-24	1010	QSM 6.0 Compliant Deliverable Requirements: DoD Level IV report, EnviroData EDD, and ERIS-compatible EDD
2.)							
3.)							

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068361.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 02:45
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 04:09:10 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 04:05:53 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.758	4.052	97673076	97228950	99.925	99.239	
2)	SA Decachlor...	10.673	9.212	114.9E6	106.7E6	93.249	95.009	
	Target Compounds							
3)	L1 AR-1016-1	5.923	5.179	32722878	76090759	891.764	2312.178	#
4)	L1 AR-1016-2	5.944	5.179	49685960	76090759	917.064	1637.029	#
5)	L1 AR-1016-3	6.008	5.360	31039806	25581263	986.093	990.435	
6)	L1 AR-1016-4	6.106	5.399	25063539	22022727	963.662	957.503	
7)	L1 AR-1016-5	6.401	5.618	26884732	28396741	910.349	962.790	
31)	L7 AR-1260-1	7.524	6.661	49214333	50792238	893.701	945.181	
32)	L7 AR-1260-2	7.777	6.848	58512720	59992941	945.197	932.590	
33)	L7 AR-1260-3	8.138	7.005	49867434	57127224	942.333	955.220	
34)	L7 AR-1260-4	8.376	7.479	58030307	50380547	947.908	952.604	
35)	L7 AR-1260-5	8.715	7.718	110.6E6	115.3E6	1001.840	976.981	

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

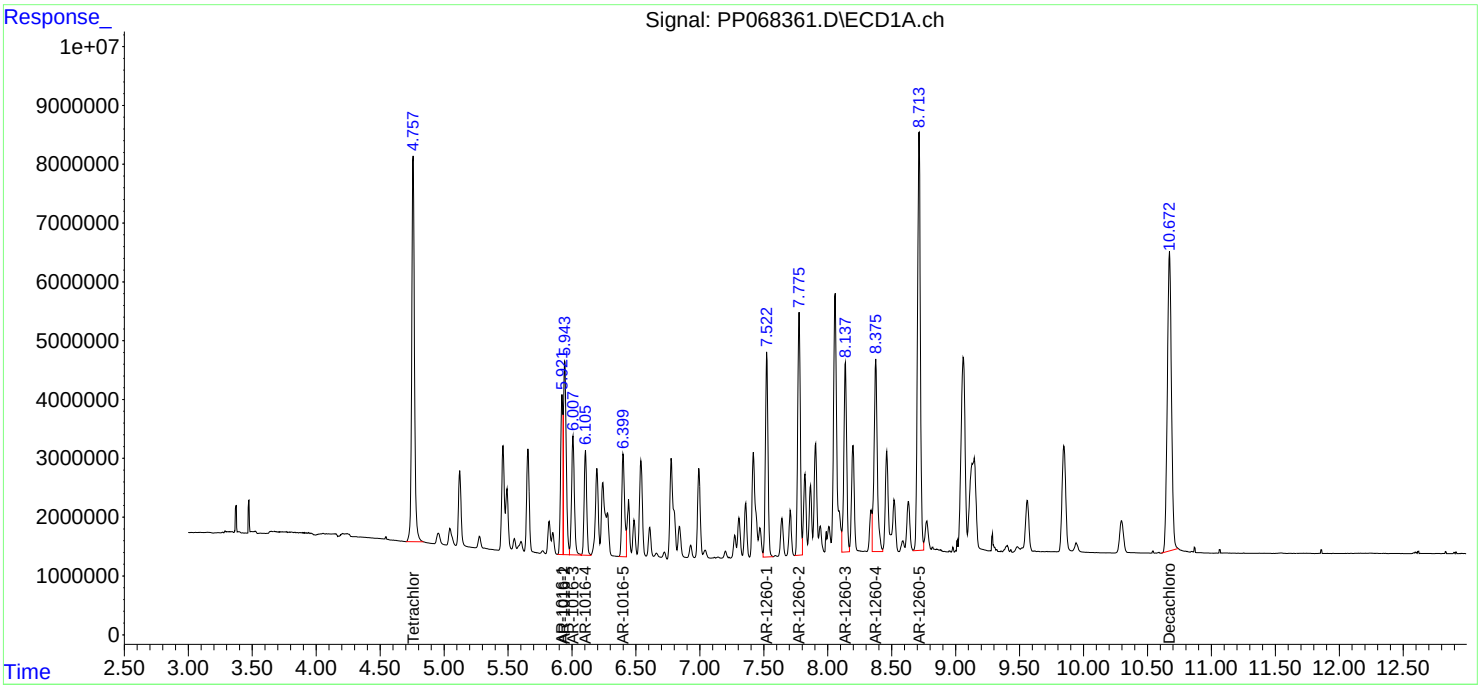
Quantitation Report (Not Reviewed)

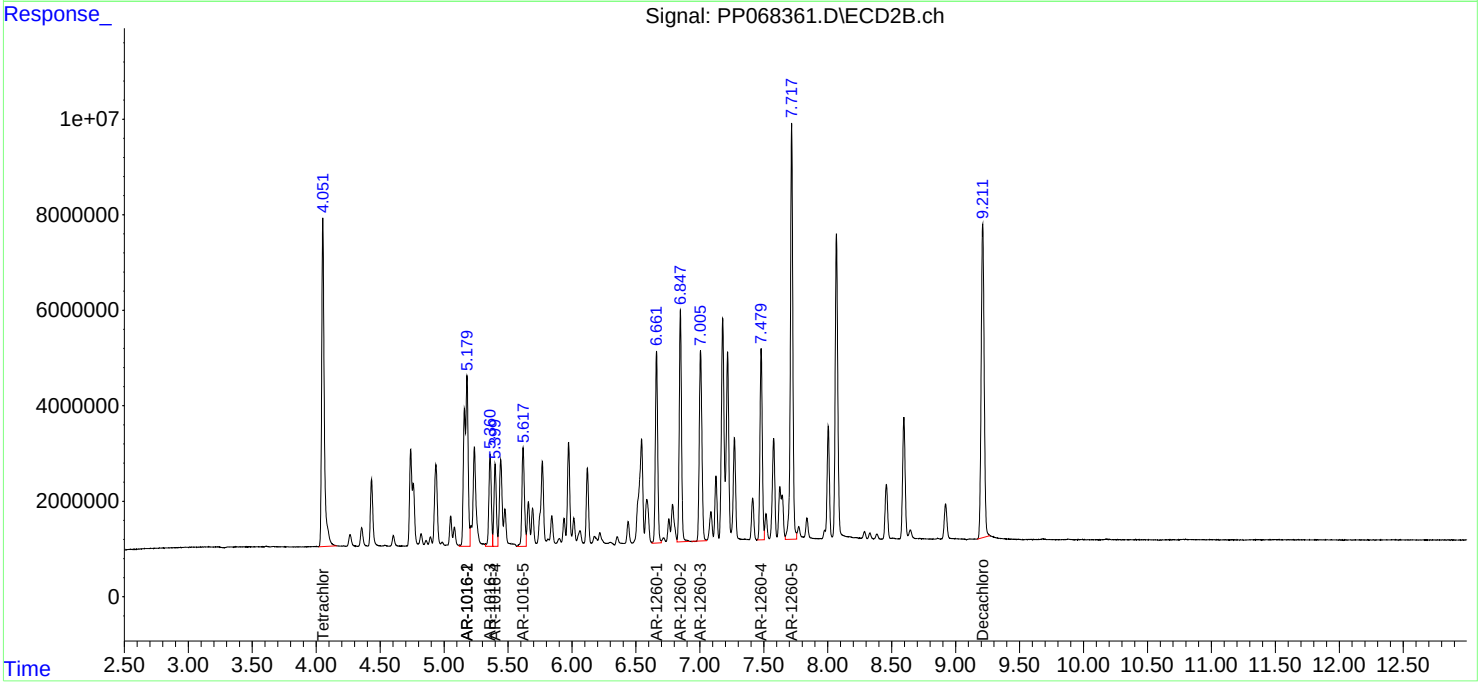
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068361.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 02:45
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

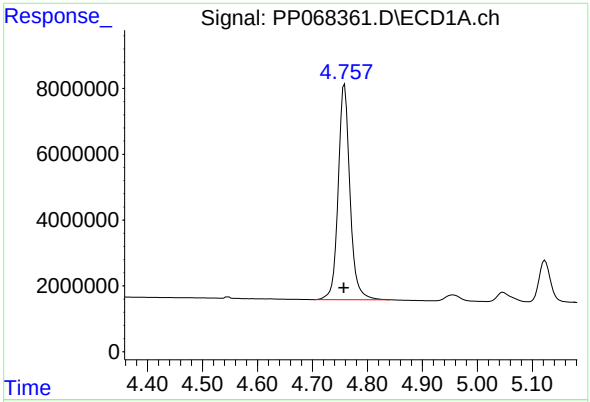
Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 04:09:10 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 04:05:53 2024
Response via : Initial Calibration
Integrator: ChemStation

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



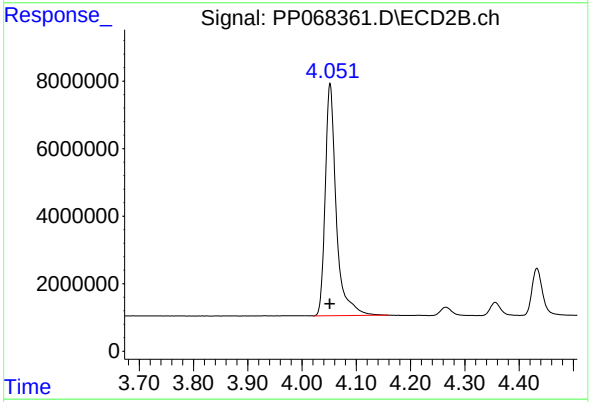




#1 Tetrachloro-m-xylene

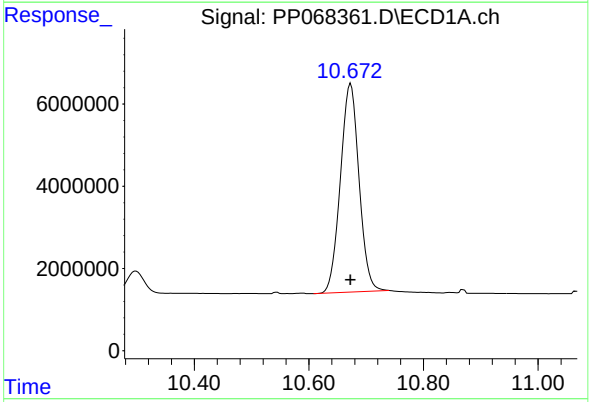
R.T.: 4.758 min
Delta R.T.: 0.001 min
Response: 97673076
Conc: 99.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



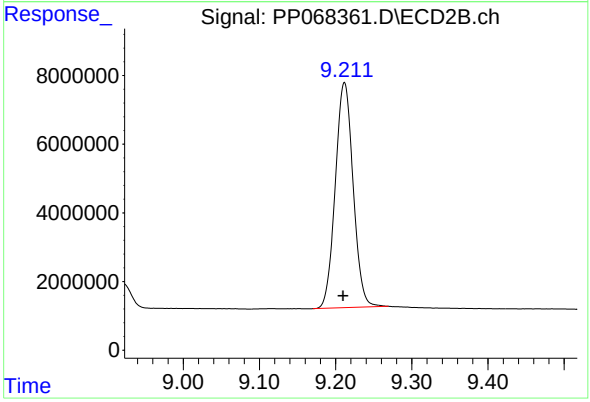
#1 Tetrachloro-m-xylene

R.T.: 4.052 min
Delta R.T.: 0.000 min
Response: 97228950
Conc: 99.24 ng/ml



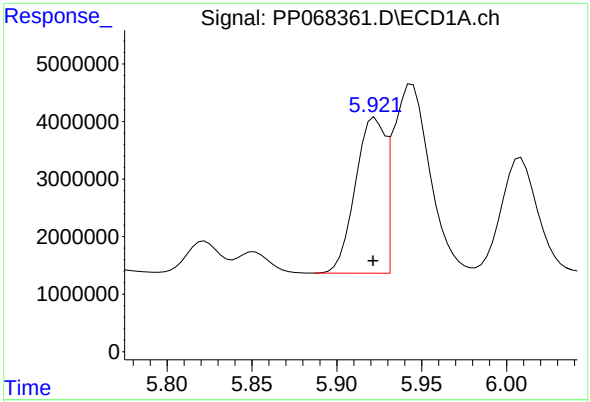
#2 Decachlorobiphenyl

R.T.: 10.673 min
Delta R.T.: 0.000 min
Response: 114874408
Conc: 93.25 ng/ml



#2 Decachlorobiphenyl

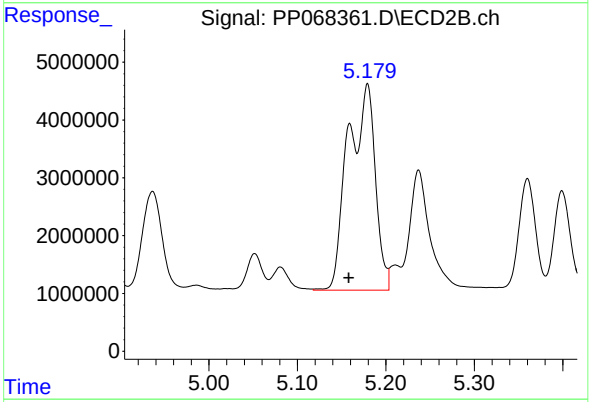
R.T.: 9.212 min
Delta R.T.: 0.002 min
Response: 106701179
Conc: 95.01 ng/ml



#3 AR-1016-1

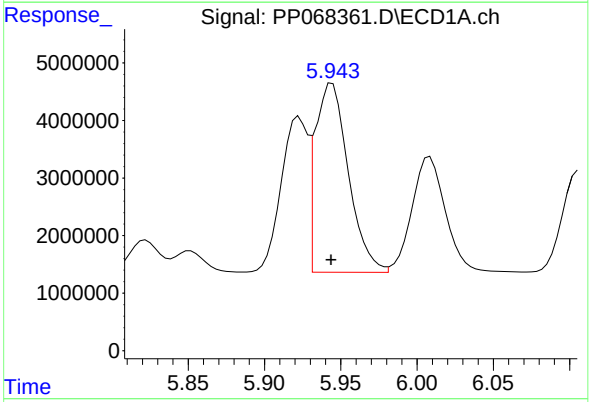
R.T.: 5.923 min
Delta R.T.: 0.001 min
Response: 32722878
Conc: 891.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



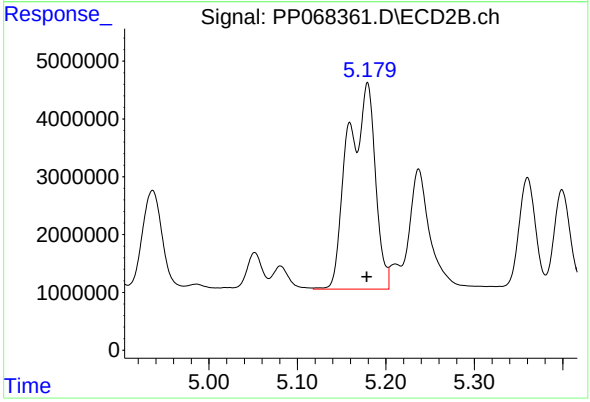
#3 AR-1016-1

R.T.: 5.179 min
Delta R.T.: 0.021 min
Response: 76090759
Conc: 2312.18 ng/ml



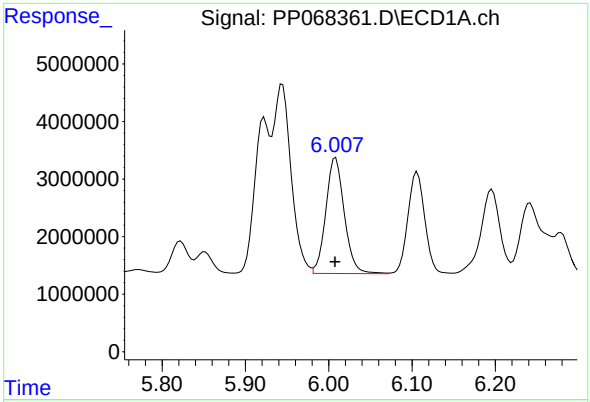
#4 AR-1016-2

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 49685960
Conc: 917.06 ng/ml



#4 AR-1016-2

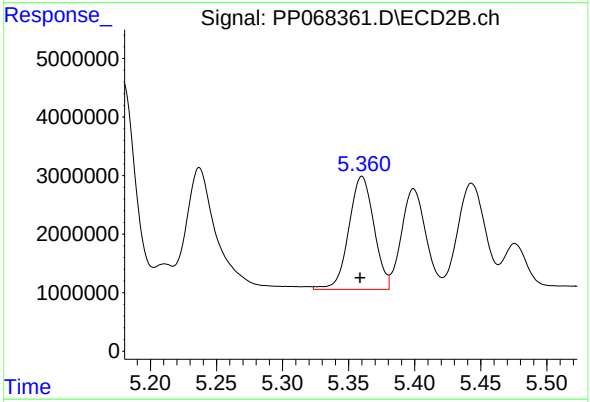
R.T.: 5.179 min
Delta R.T.: 0.000 min
Response: 76090759
Conc: 1637.03 ng/ml



#5 AR-1016-3

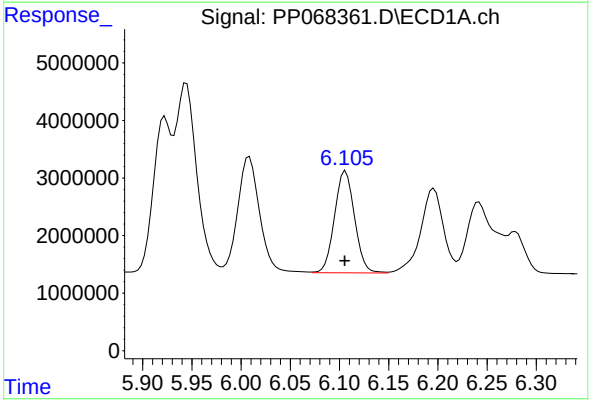
R.T.: 6.008 min
Delta R.T.: 0.000 min
Response: 31039806
Conc: 986.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



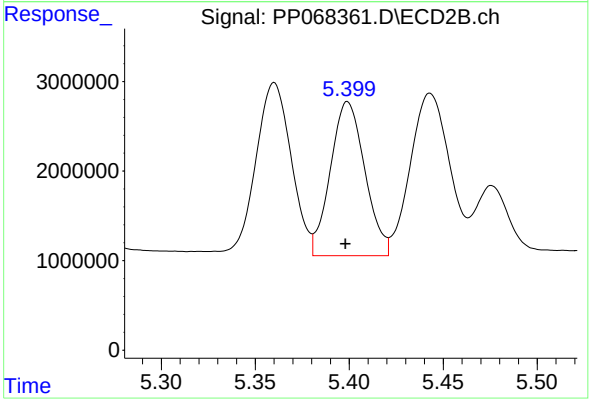
#5 AR-1016-3

R.T.: 5.360 min
Delta R.T.: 0.001 min
Response: 25581263
Conc: 990.44 ng/ml



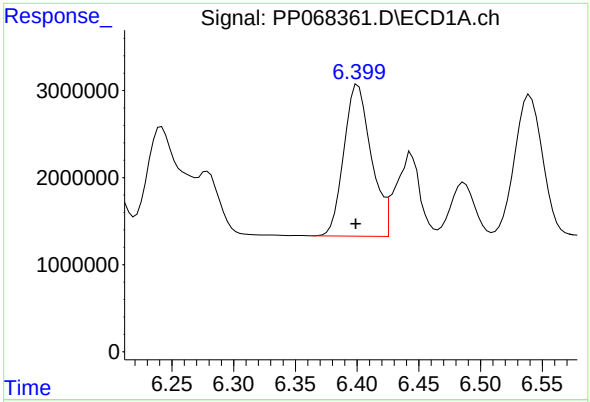
#6 AR-1016-4

R.T.: 6.106 min
Delta R.T.: 0.000 min
Response: 25063539
Conc: 963.66 ng/ml



#6 AR-1016-4

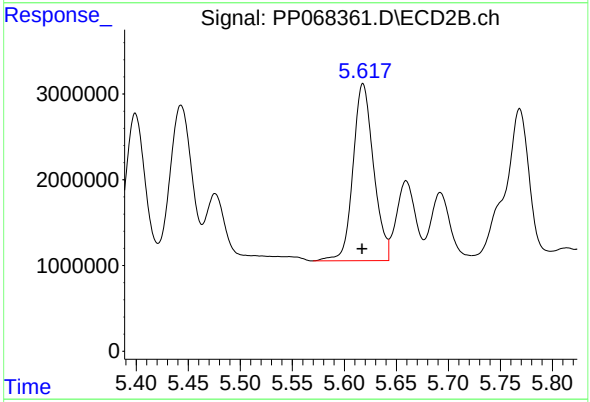
R.T.: 5.399 min
Delta R.T.: 0.001 min
Response: 22022727
Conc: 957.50 ng/ml



#7 AR-1016-5

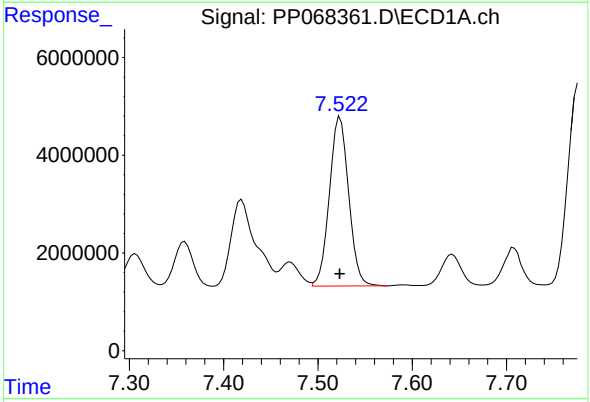
R.T.: 6.401 min
Delta R.T.: 0.002 min
Response: 26884732
Conc: 910.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



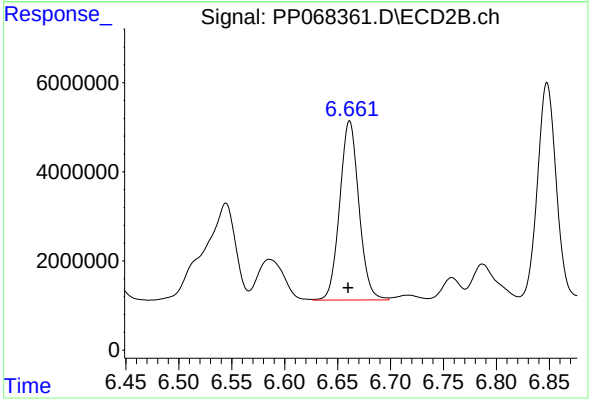
#7 AR-1016-5

R.T.: 5.618 min
Delta R.T.: 0.001 min
Response: 28396741
Conc: 962.79 ng/ml



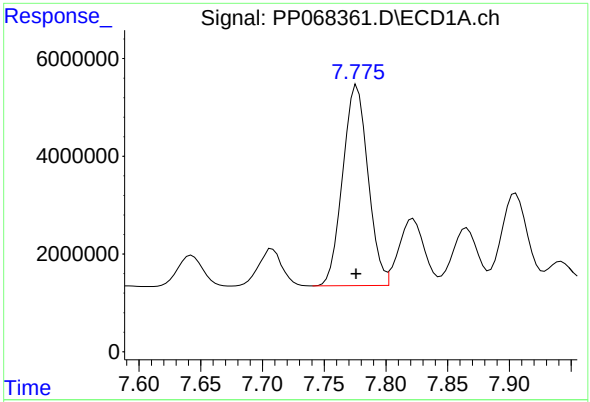
#31 AR-1260-1

R.T.: 7.524 min
Delta R.T.: 0.000 min
Response: 49214333
Conc: 893.70 ng/ml



#31 AR-1260-1

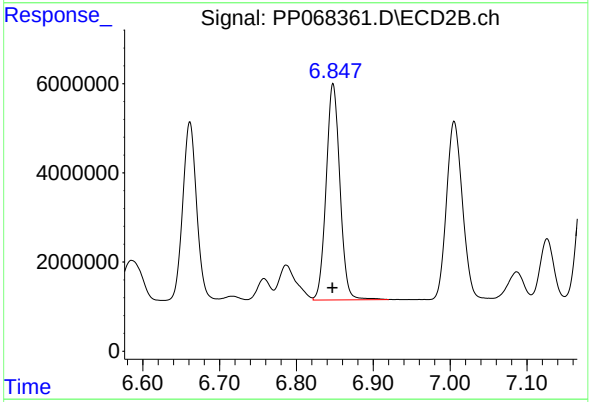
R.T.: 6.661 min
Delta R.T.: 0.001 min
Response: 50792238
Conc: 945.18 ng/ml



#32 AR-1260-2

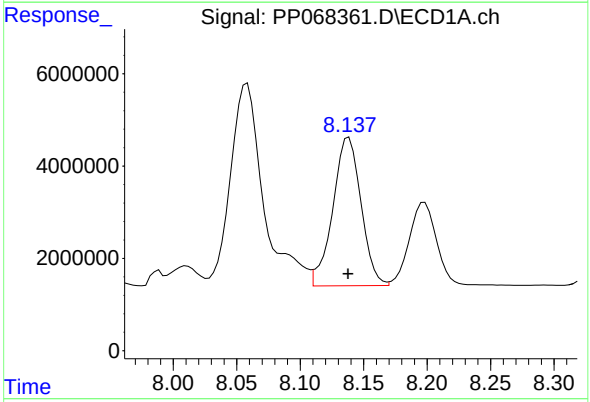
R.T.: 7.777 min
Delta R.T.: 0.000 min
Response: 58512720
Conc: 945.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



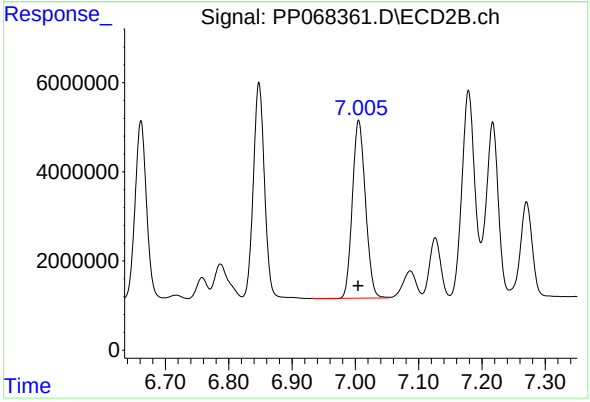
#32 AR-1260-2

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 59992941
Conc: 932.59 ng/ml



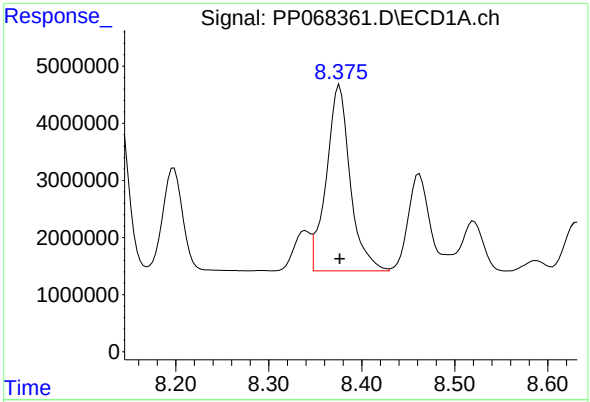
#33 AR-1260-3

R.T.: 8.138 min
Delta R.T.: 0.000 min
Response: 49867434
Conc: 942.33 ng/ml



#33 AR-1260-3

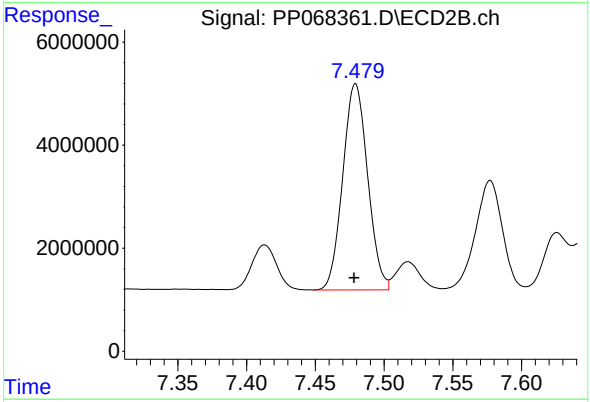
R.T.: 7.005 min
Delta R.T.: 0.000 min
Response: 57127224
Conc: 955.22 ng/ml



#34 AR-1260-4

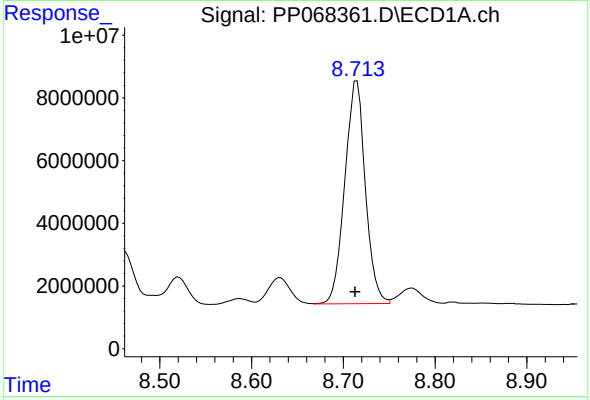
R.T.: 8.376 min
Delta R.T.: 0.000 min
Response: 58030307
Conc: 947.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



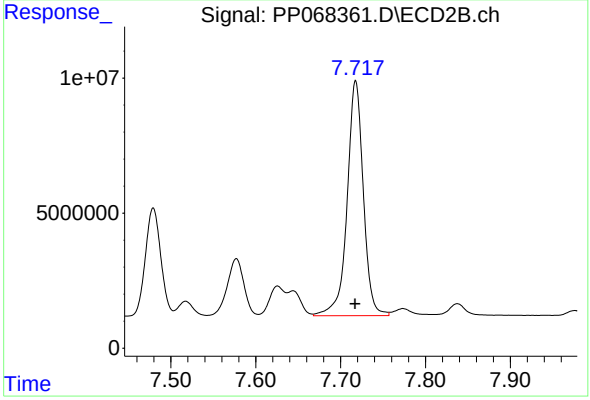
#34 AR-1260-4

R.T.: 7.479 min
Delta R.T.: 0.001 min
Response: 50380547
Conc: 952.60 ng/ml



#35 AR-1260-5

R.T.: 8.715 min
Delta R.T.: 0.002 min
Response: 110582405
Conc: 1001.84 ng/ml



#35 AR-1260-5

R.T.: 7.718 min
Delta R.T.: 0.000 min
Response: 115281087
Conc: 976.98 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068364.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 03:34
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: Nov 08 04:10:17 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 04:05:53 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.760	4.051	25351463	25875380	25.936	26.410
2)	SA Decachlor...	10.676	9.210	34304600	30797863	27.847	27.423
	Target Compounds						
3)	L1 AR-1016-1	5.924	5.158	9641338	9656681	262.746	293.439
4)	L1 AR-1016-2	5.946	5.178	14007203	13080971	258.534	281.426
5)	L1 AR-1016-3	6.010	5.359	8815317	7259207	280.051	281.056
6)	L1 AR-1016-4	6.108	5.399	6899763	6185744	265.287	268.943
7)	L1 AR-1016-5	6.402	5.616	7848313	13010167	265.753	441.109 #
31)	L7 AR-1260-1	7.526	6.660	19786265	17950705	359.306	334.041
32)	L7 AR-1260-2	7.779	6.847	20094603	19608633	324.602	304.816
33)	L7 AR-1260-3	8.140	7.004	15445788	17491691	291.875	292.477
34)	L7 AR-1260-4	8.378	7.479	16721204	14490378	273.136	273.987
35)	L7 AR-1260-5	8.716	7.717	30604768	31934103	277.269	270.634

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

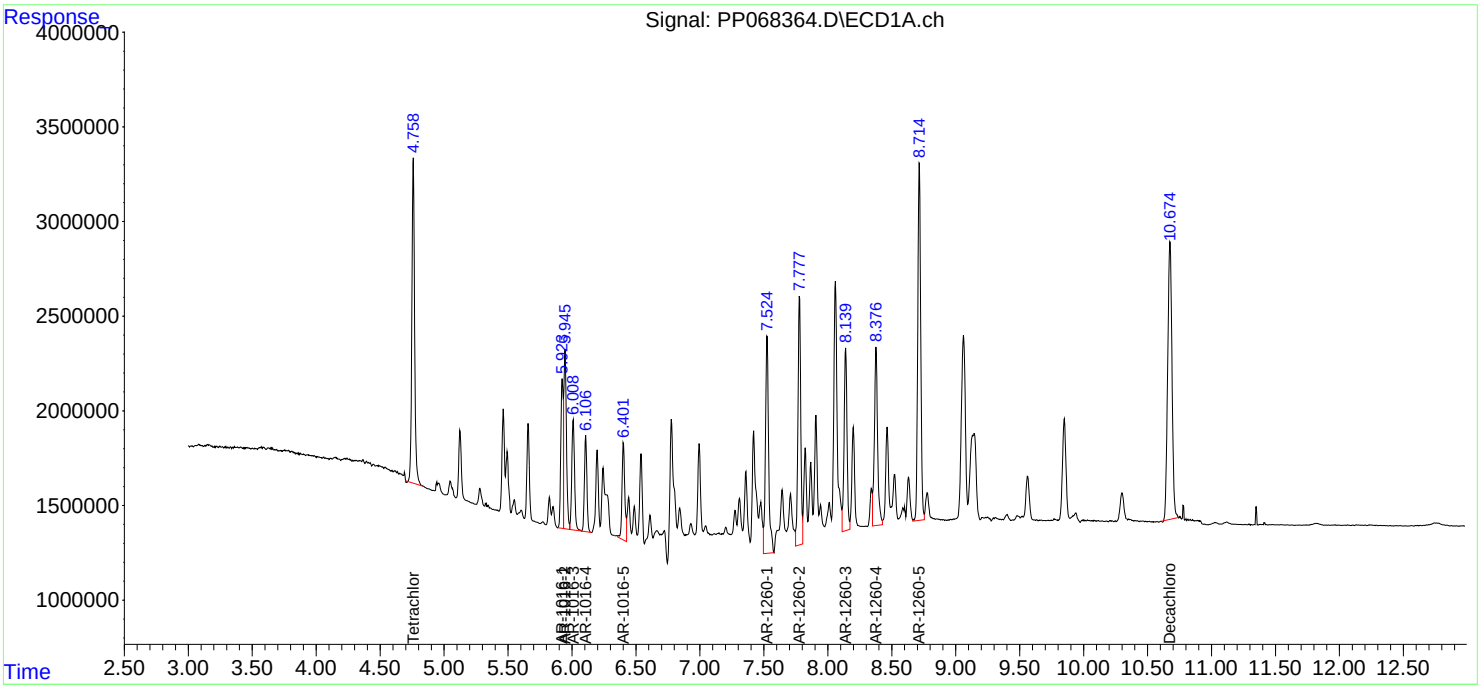
Quantitation Report (Not Reviewed)

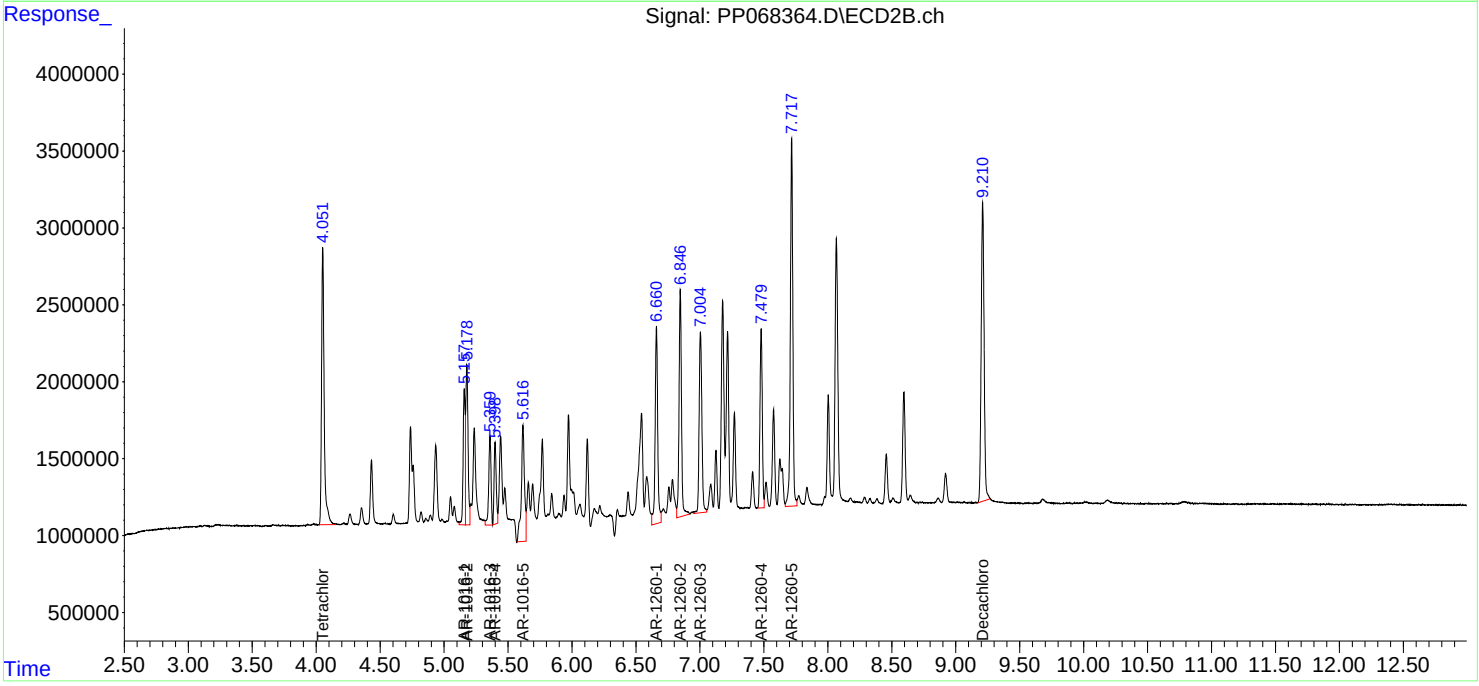
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068364.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 03:34
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

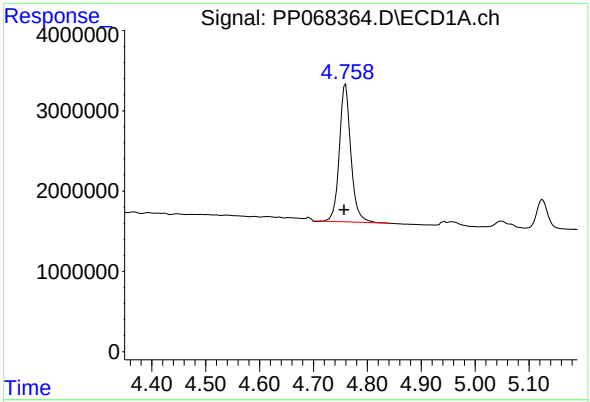
Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 04:10:17 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 04:05:53 2024
Response via : Initial Calibration
Integrator: ChemStation

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



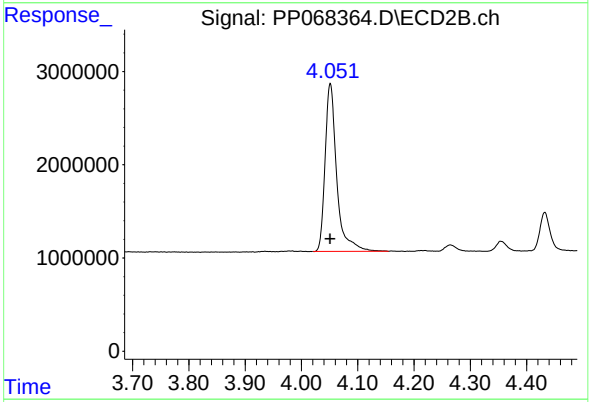




#1 Tetrachloro-m-xylene

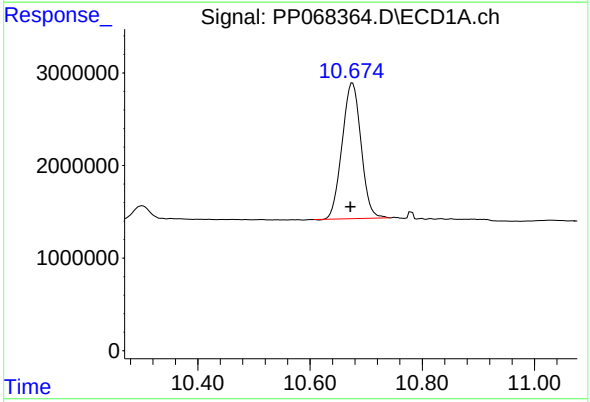
R.T.: 4.760 min
Delta R.T.: 0.003 min
Response: 25351463
Conc: 25.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



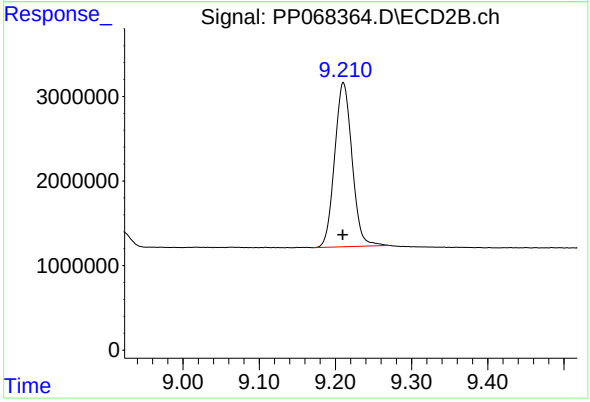
#1 Tetrachloro-m-xylene

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 25875380
Conc: 26.41 ng/ml



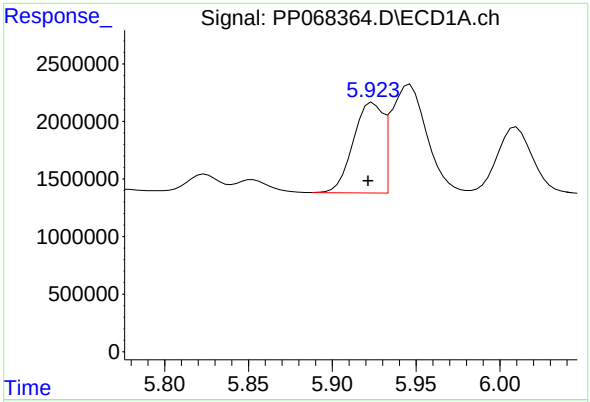
#2 Decachlorobiphenyl

R.T.: 10.676 min
Delta R.T.: 0.004 min
Response: 34304600
Conc: 27.85 ng/ml



#2 Decachlorobiphenyl

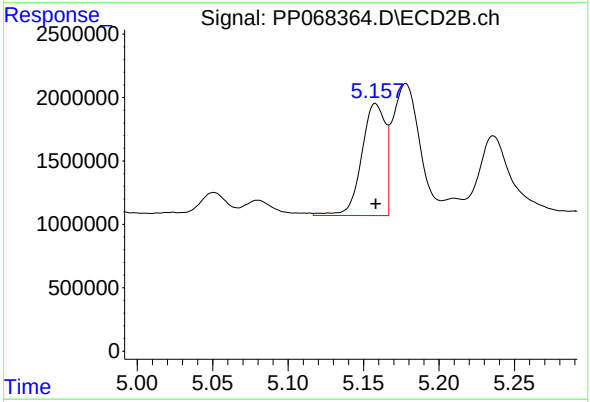
R.T.: 9.210 min
Delta R.T.: 0.000 min
Response: 30797863
Conc: 27.42 ng/ml



#3 AR-1016-1

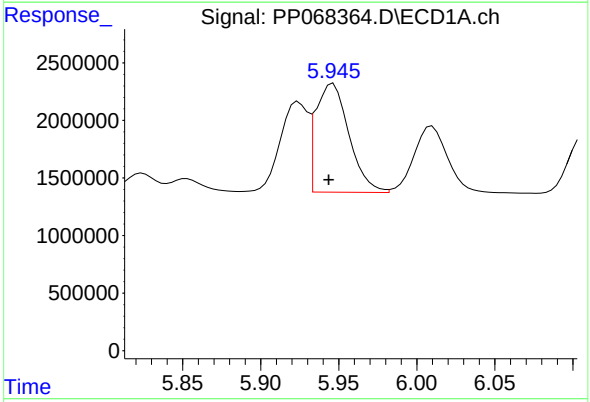
R.T.: 5.924 min
Delta R.T.: 0.003 min
Response: 9641338
Conc: 262.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



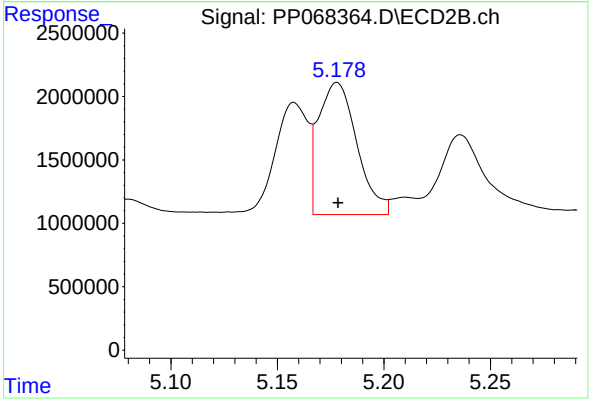
#3 AR-1016-1

R.T.: 5.158 min
Delta R.T.: 0.000 min
Response: 9656681
Conc: 293.44 ng/ml



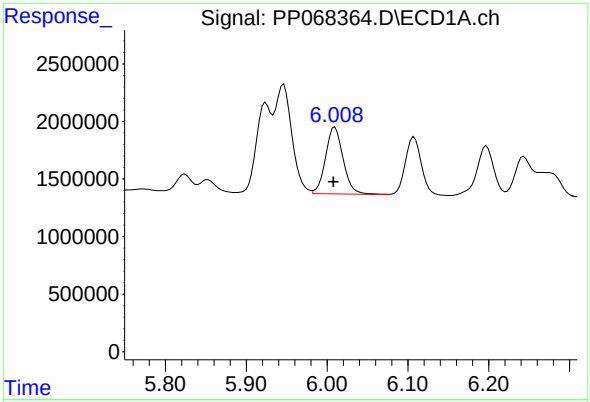
#4 AR-1016-2

R.T.: 5.946 min
Delta R.T.: 0.003 min
Response: 14007203
Conc: 258.53 ng/ml



#4 AR-1016-2

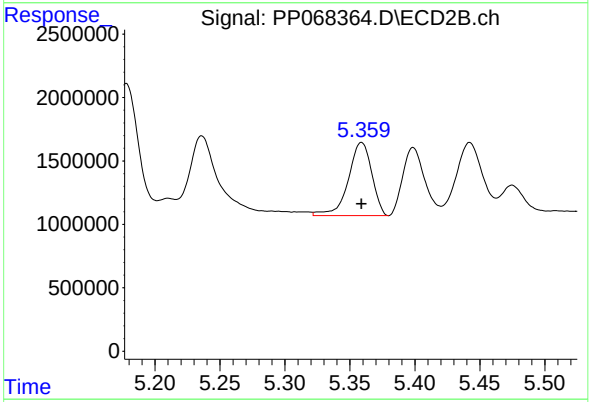
R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 13080971
Conc: 281.43 ng/ml



#5 AR-1016-3

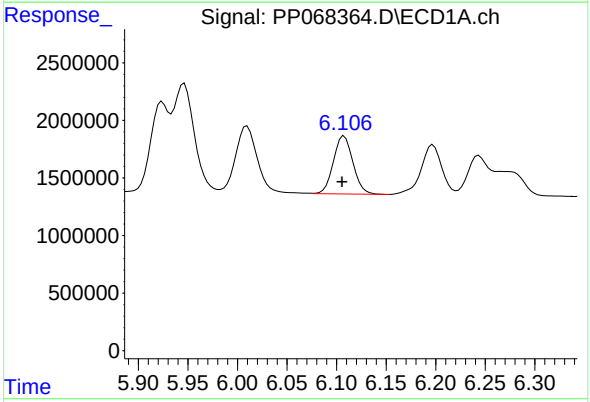
R.T.: 6.010 min
Delta R.T.: 0.002 min
Response: 8815317
Conc: 280.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



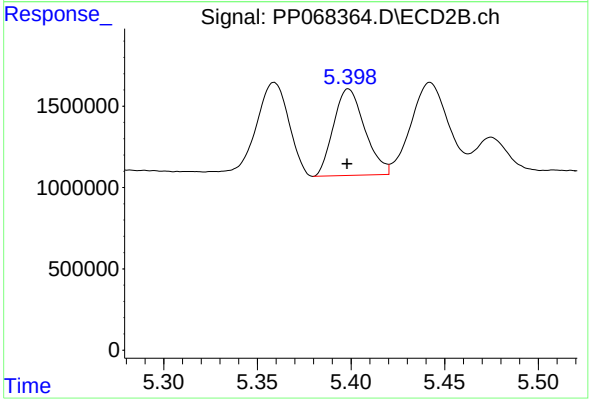
#5 AR-1016-3

R.T.: 5.359 min
Delta R.T.: 0.000 min
Response: 7259207
Conc: 281.06 ng/ml



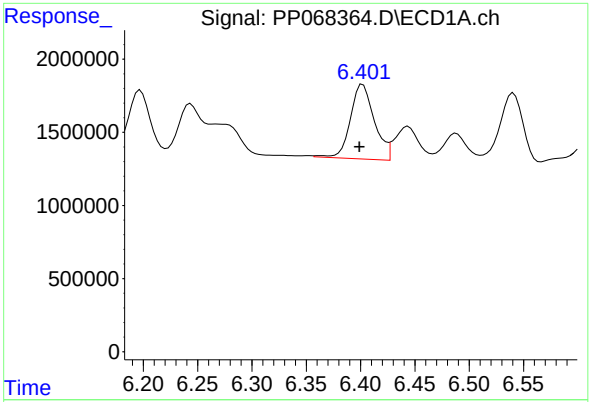
#6 AR-1016-4

R.T.: 6.108 min
Delta R.T.: 0.002 min
Response: 6899763
Conc: 265.29 ng/ml



#6 AR-1016-4

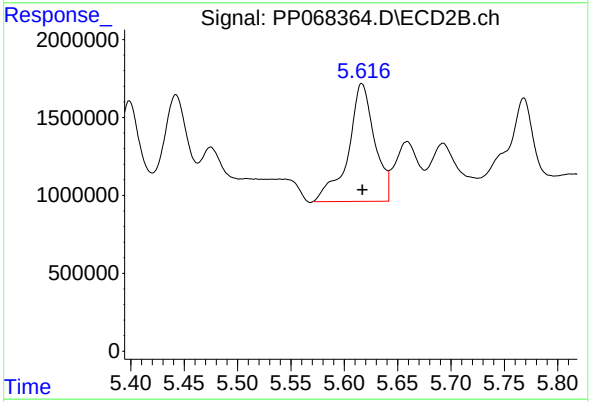
R.T.: 5.399 min
Delta R.T.: 0.000 min
Response: 6185744
Conc: 268.94 ng/ml



#7 AR-1016-5

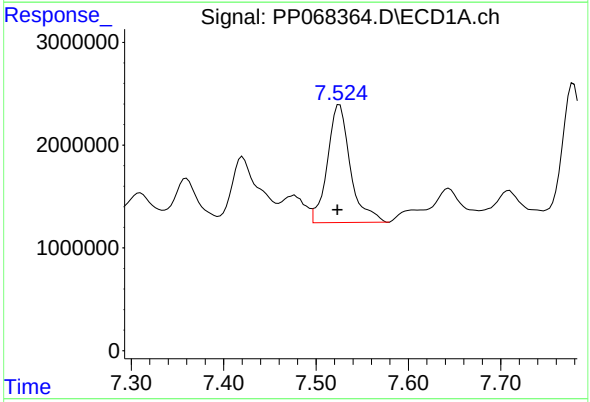
R.T.: 6.402 min
Delta R.T.: 0.003 min
Response: 7848313
Conc: 265.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



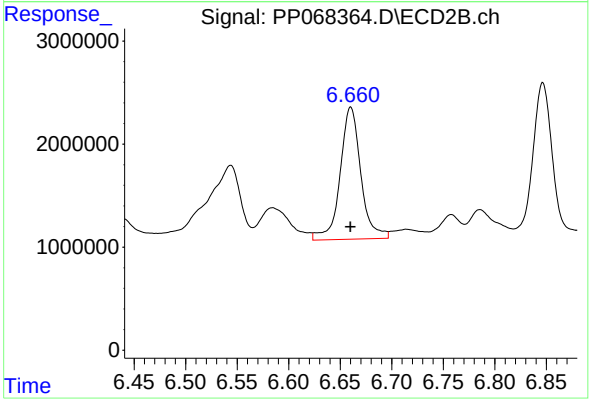
#7 AR-1016-5

R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 13010167
Conc: 441.11 ng/ml



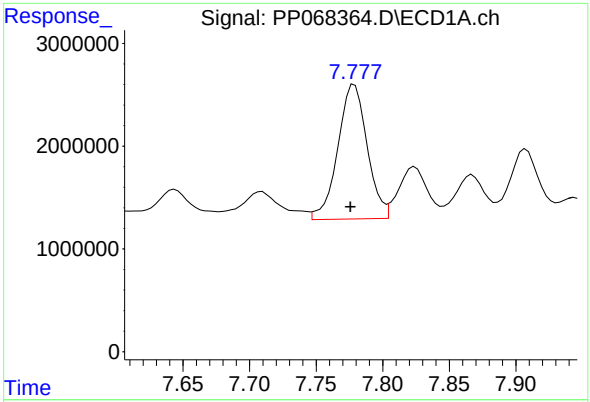
#31 AR-1260-1

R.T.: 7.526 min
Delta R.T.: 0.003 min
Response: 19786265
Conc: 359.31 ng/ml



#31 AR-1260-1

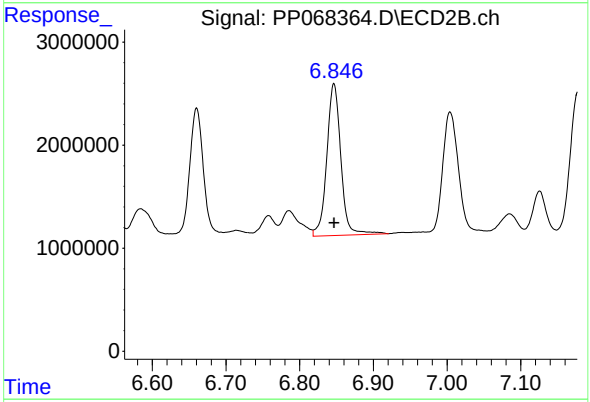
R.T.: 6.660 min
Delta R.T.: 0.000 min
Response: 17950705
Conc: 334.04 ng/ml



#32 AR-1260-2

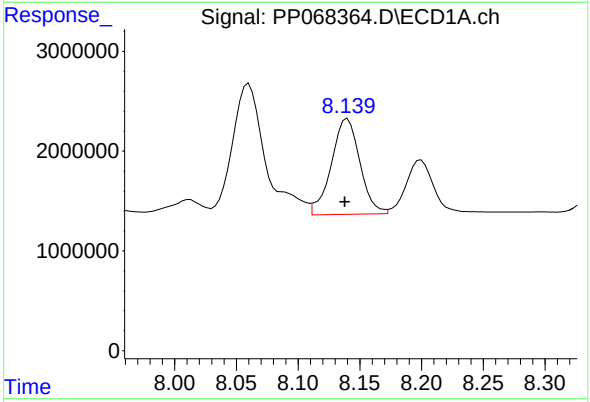
R.T.: 7.779 min
Delta R.T.: 0.003 min
Response: 20094603
Conc: 324.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



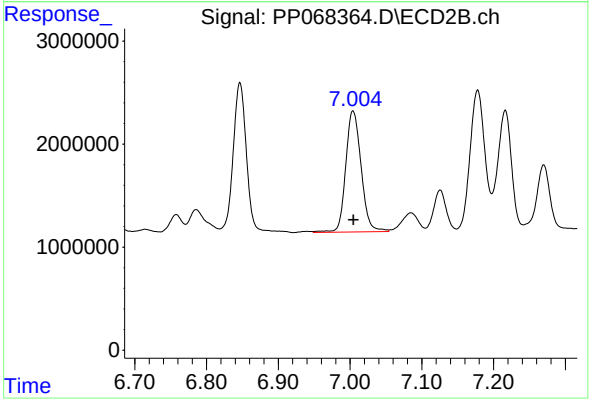
#32 AR-1260-2

R.T.: 6.847 min
Delta R.T.: 0.000 min
Response: 19608633
Conc: 304.82 ng/ml



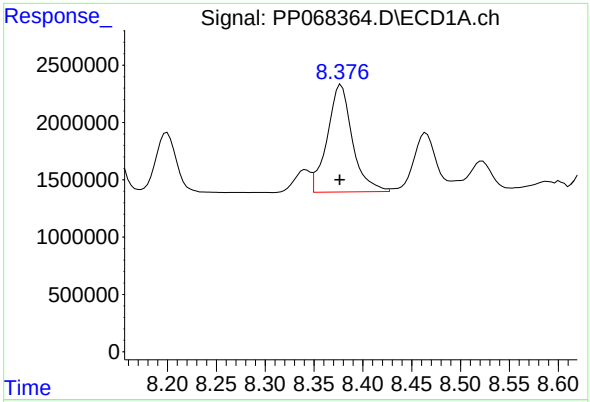
#33 AR-1260-3

R.T.: 8.140 min
Delta R.T.: 0.002 min
Response: 15445788
Conc: 291.88 ng/ml



#33 AR-1260-3

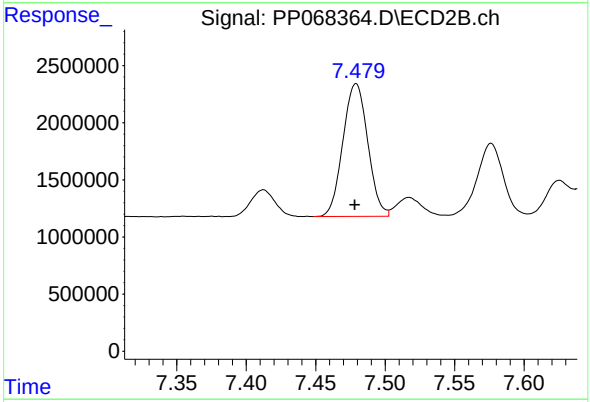
R.T.: 7.004 min
Delta R.T.: 0.000 min
Response: 17491691
Conc: 292.48 ng/ml



#34 AR-1260-4

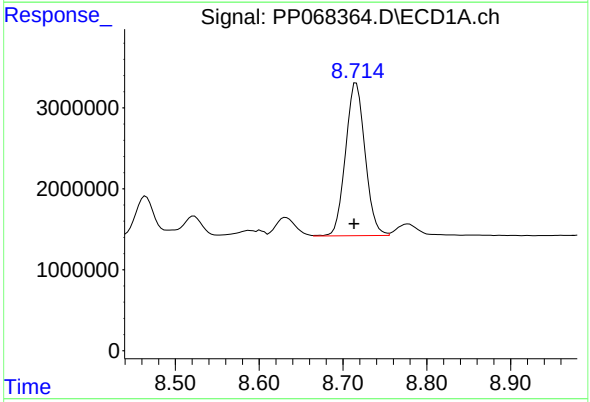
R.T.: 8.378 min
Delta R.T.: 0.001 min
Response: 16721204
Conc: 273.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



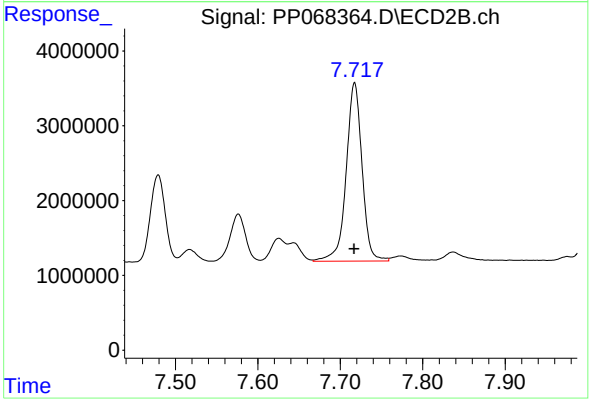
#34 AR-1260-4

R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 14490378
Conc: 273.99 ng/ml



#35 AR-1260-5

R.T.: 8.716 min
Delta R.T.: 0.003 min
Response: 30604768
Conc: 277.27 ng/ml



#35 AR-1260-5

R.T.: 7.717 min
Delta R.T.: 0.000 min
Response: 31934103
Conc: 270.63 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068365.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 03:51
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: Nov 08 04:10:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 04:05:53 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.757	4.050	4476350	4464468	4.580	4.557
2)	SA Decachlor...	10.671	9.210	6627130	5830923	5.380	5.192
	Target Compounds						
3)	L1 AR-1016-1	5.922	5.158	1883575	1782299	51.331	54.159
4)	L1 AR-1016-2	5.944	5.178	2635801	2359756	48.650	50.768
5)	L1 AR-1016-3	6.008	5.359	1768809	1459118	56.193	56.493
6)	L1 AR-1016-4	6.105	5.398	1374840	1282513	52.861	55.761
7)	L1 AR-1016-5	6.399	5.616	1454647	2716453	49.256	92.101 #
31)	L7 AR-1260-1	7.524	6.660	3739867	3514589	67.914	65.402
32)	L7 AR-1260-2	7.777	6.846	4085397	4023092	65.994	62.539
33)	L7 AR-1260-3	8.138	7.004	2734690	3259590	51.677	54.503
34)	L7 AR-1260-4	8.376	7.479	3854521	2588140	62.962	48.937
35)	L7 AR-1260-5	8.713	7.717	5830709	6019552	52.824	51.014

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

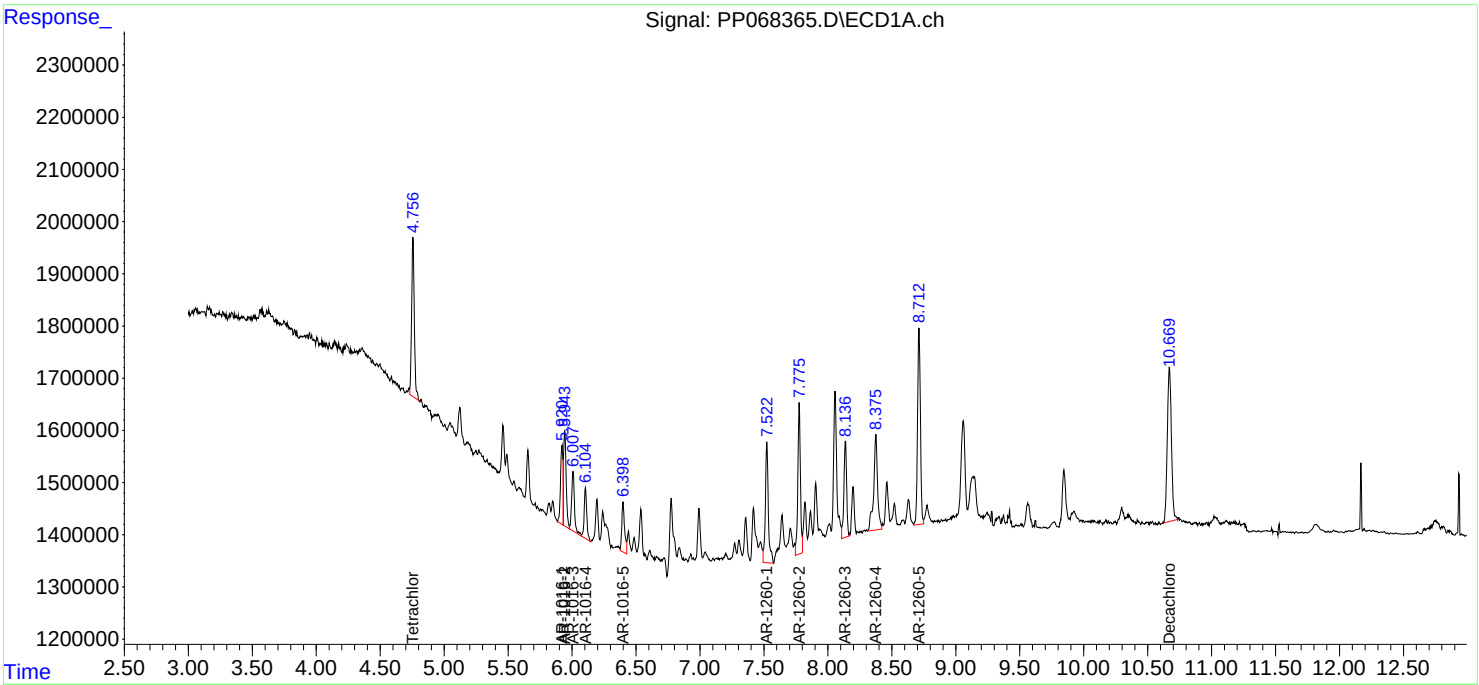
Quantitation Report (Not Reviewed)

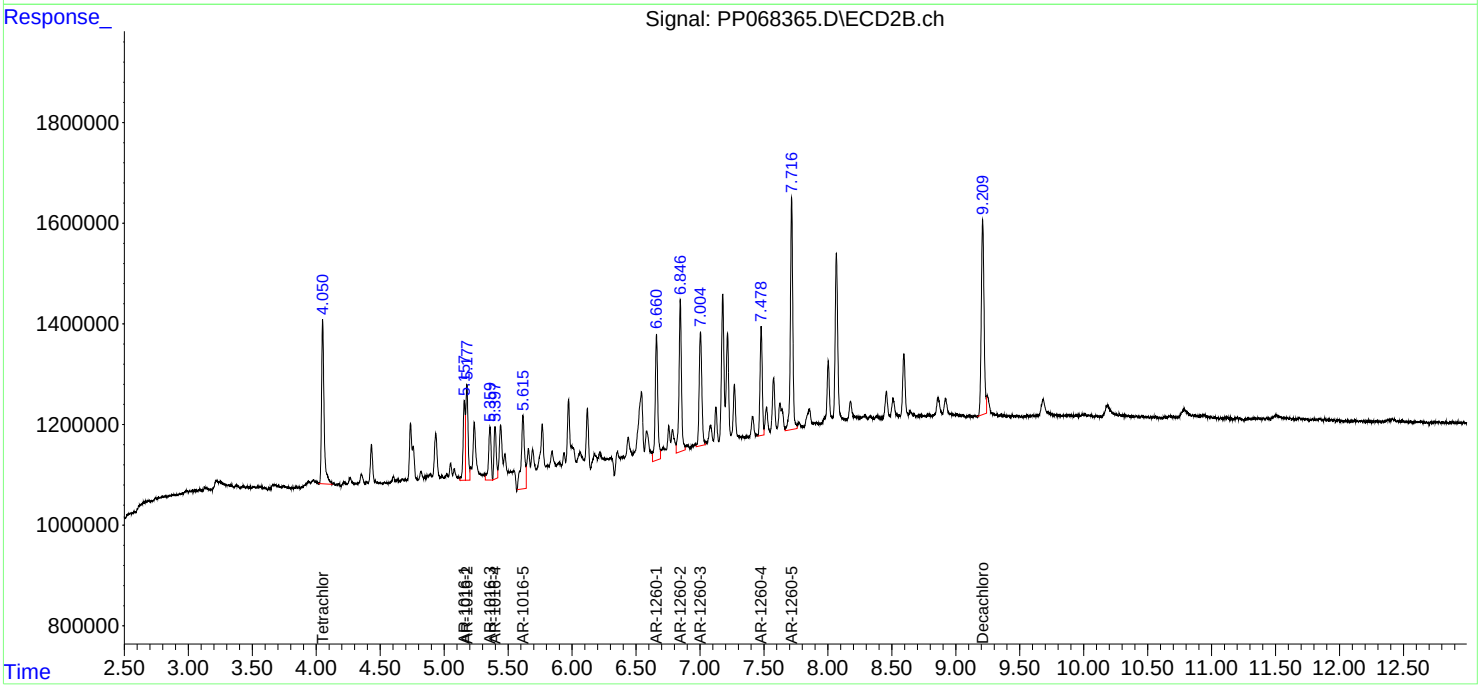
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068365.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 03:51
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

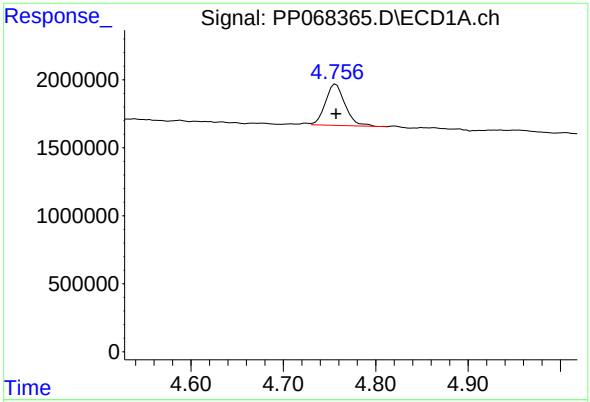
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 04:10:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 04:05:53 2024
Response via : Initial Calibration
Integrator: ChemStation

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



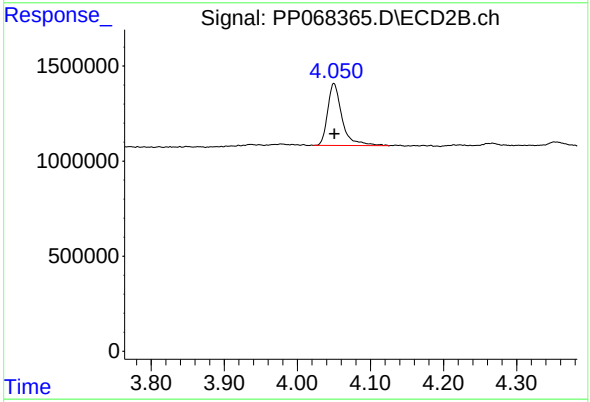




#1 Tetrachloro-m-xylene

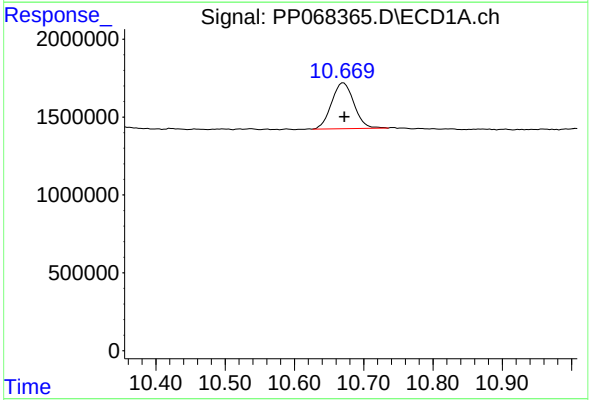
R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 4476350
Conc: 4.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



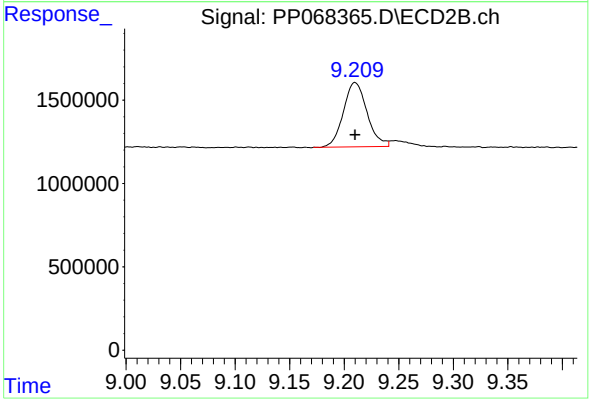
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 4464468
Conc: 4.56 ng/ml



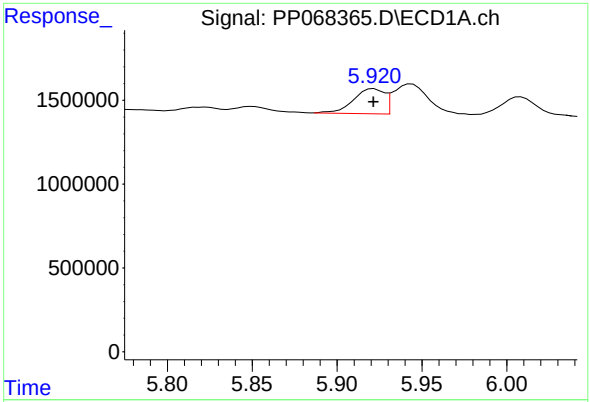
#2 Decachlorobiphenyl

R.T.: 10.671 min
Delta R.T.: -0.001 min
Response: 6627130
Conc: 5.38 ng/ml



#2 Decachlorobiphenyl

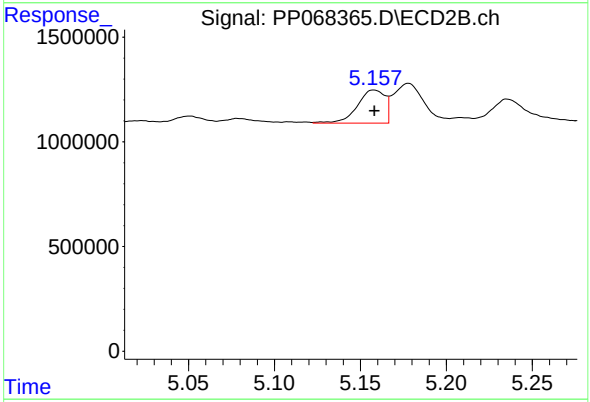
R.T.: 9.210 min
Delta R.T.: 0.000 min
Response: 5830923
Conc: 5.19 ng/ml



#3 AR-1016-1

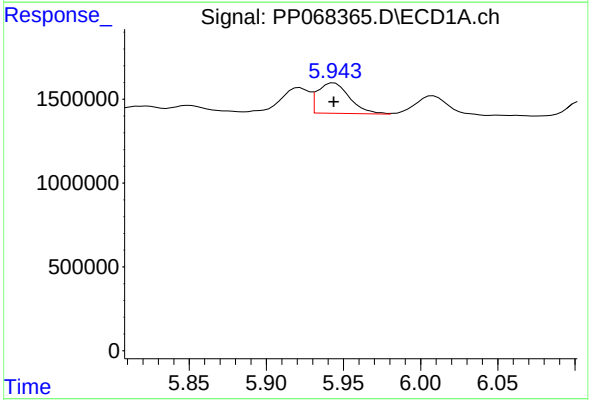
R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 1883575
Conc: 51.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



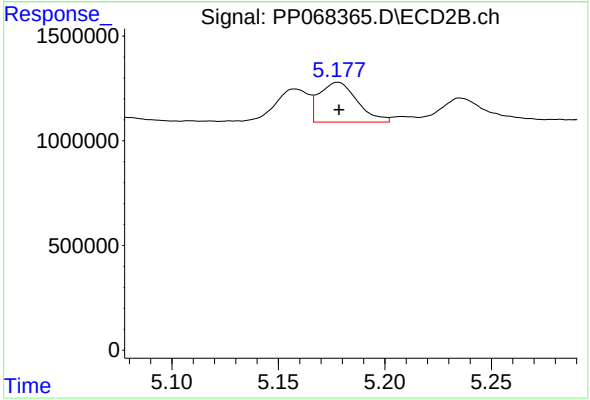
#3 AR-1016-1

R.T.: 5.158 min
Delta R.T.: 0.000 min
Response: 1782299
Conc: 54.16 ng/ml



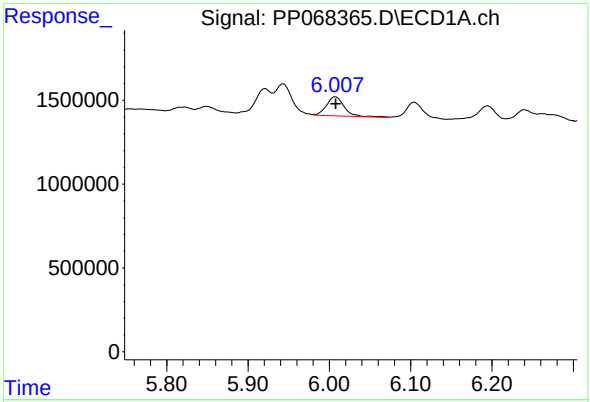
#4 AR-1016-2

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 2635801
Conc: 48.65 ng/ml



#4 AR-1016-2

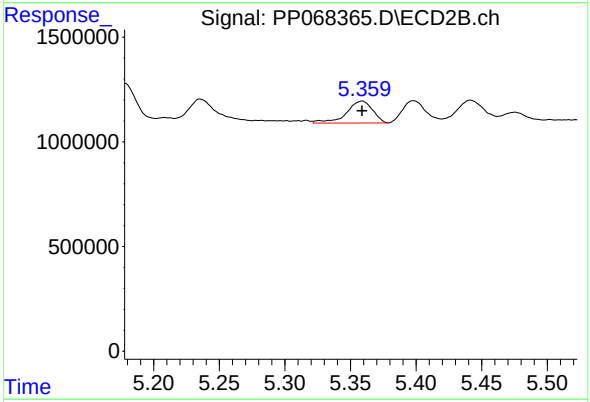
R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 2359756
Conc: 50.77 ng/ml



#5 AR-1016-3

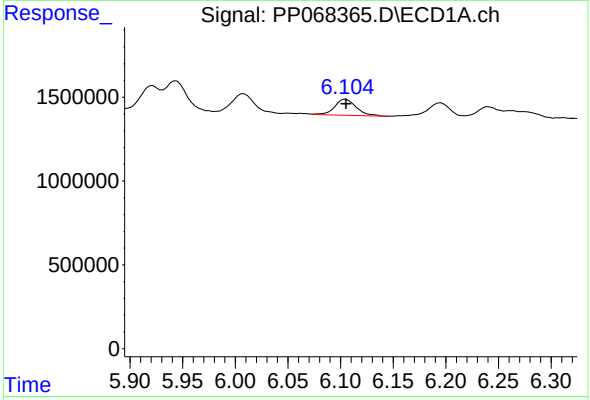
R.T.: 6.008 min
Delta R.T.: 0.000 min
Response: 1768809
Conc: 56.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



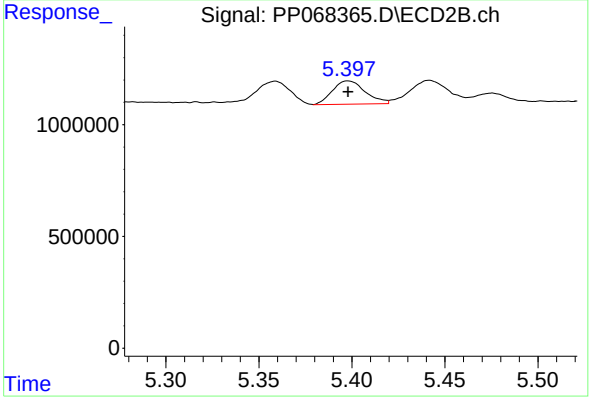
#5 AR-1016-3

R.T.: 5.359 min
Delta R.T.: 0.000 min
Response: 1459118
Conc: 56.49 ng/ml



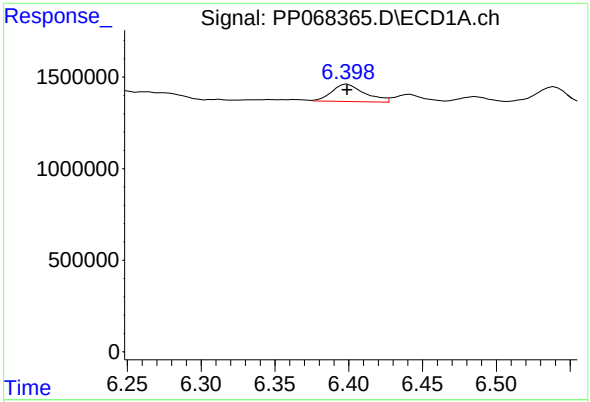
#6 AR-1016-4

R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 1374840
Conc: 52.86 ng/ml



#6 AR-1016-4

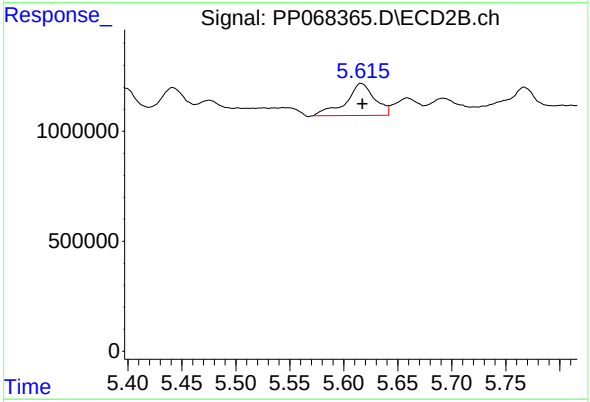
R.T.: 5.398 min
Delta R.T.: 0.000 min
Response: 1282513
Conc: 55.76 ng/ml



#7 AR-1016-5

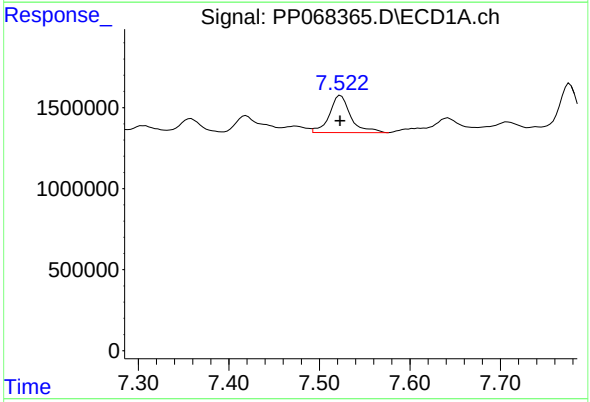
R.T.: 6.399 min
Delta R.T.: 0.000 min
Response: 1454647
Conc: 49.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



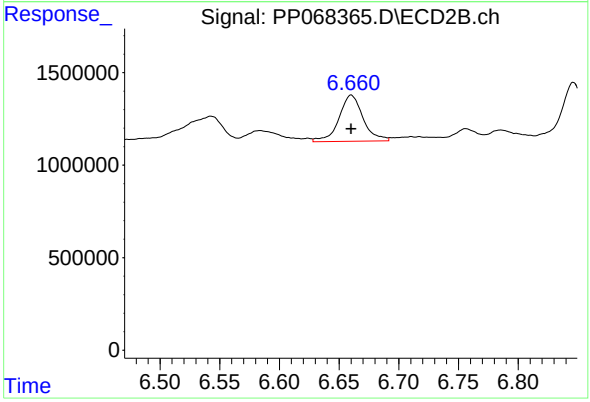
#7 AR-1016-5

R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 2716453
Conc: 92.10 ng/ml



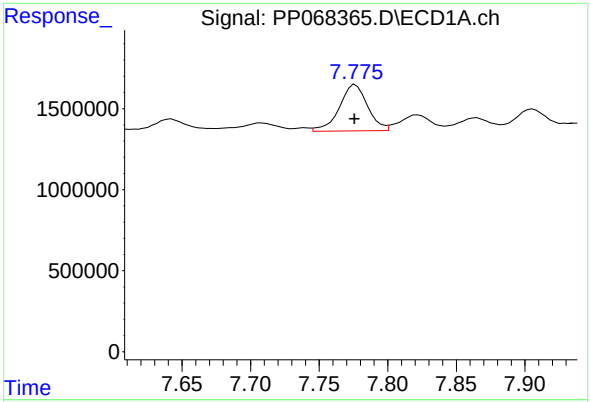
#31 AR-1260-1

R.T.: 7.524 min
Delta R.T.: 0.000 min
Response: 3739867
Conc: 67.91 ng/ml



#31 AR-1260-1

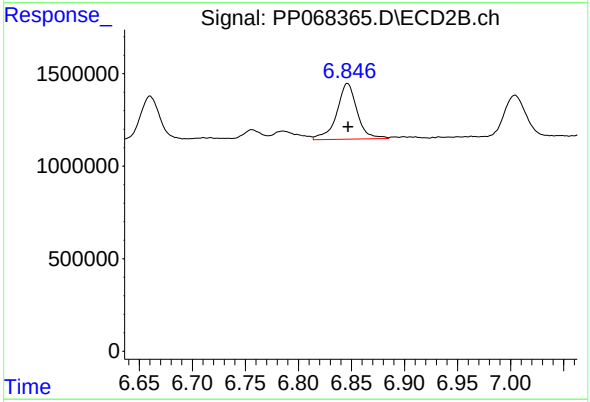
R.T.: 6.660 min
Delta R.T.: 0.000 min
Response: 3514589
Conc: 65.40 ng/ml



#32 AR-1260-2

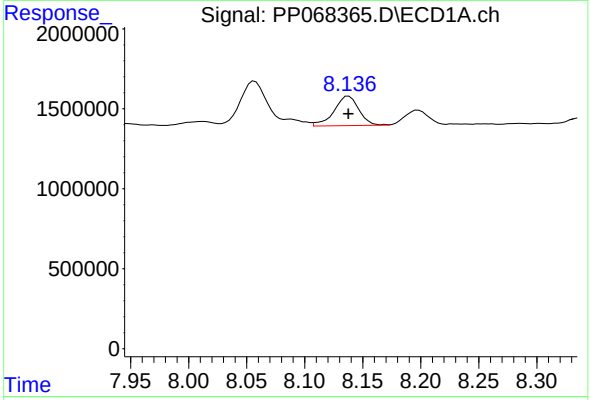
R.T.: 7.777 min
Delta R.T.: 0.000 min
Response: 4085397
Conc: 65.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



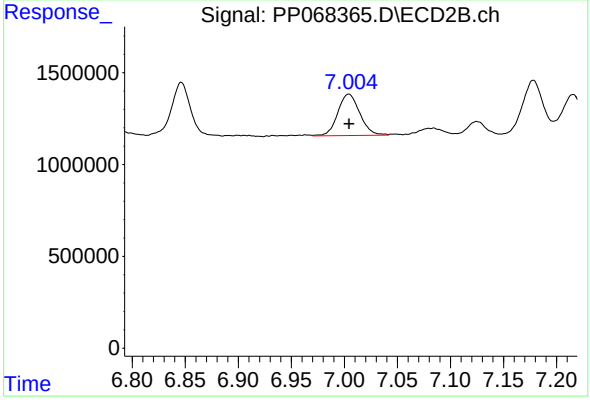
#32 AR-1260-2

R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 4023092
Conc: 62.54 ng/ml



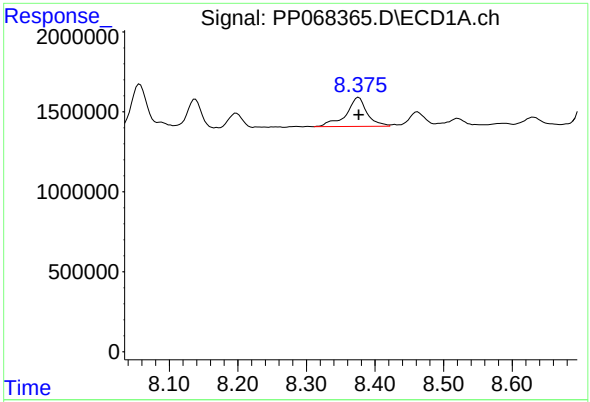
#33 AR-1260-3

R.T.: 8.138 min
Delta R.T.: 0.000 min
Response: 2734690
Conc: 51.68 ng/ml



#33 AR-1260-3

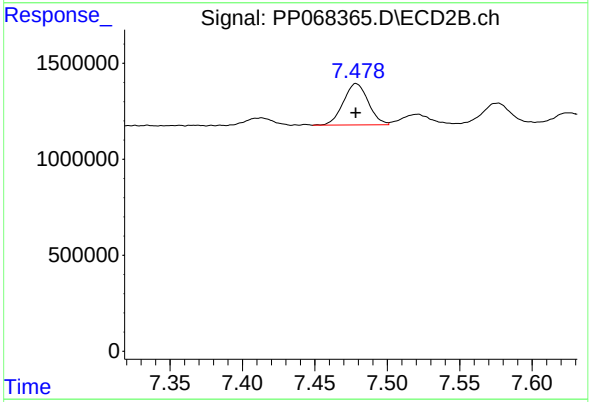
R.T.: 7.004 min
Delta R.T.: 0.000 min
Response: 3259590
Conc: 54.50 ng/ml



#34 AR-1260-4

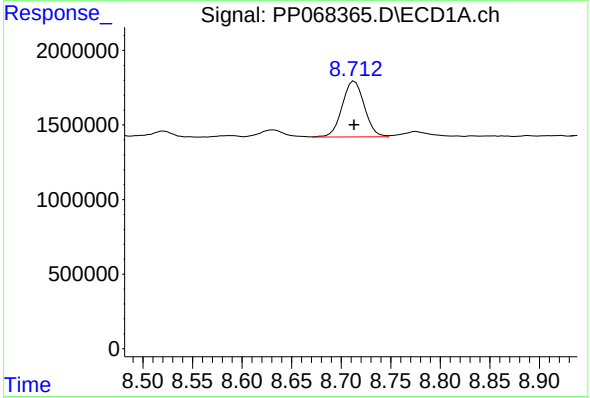
R.T.: 8.376 min
Delta R.T.: 0.000 min
Response: 3854521
Conc: 62.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



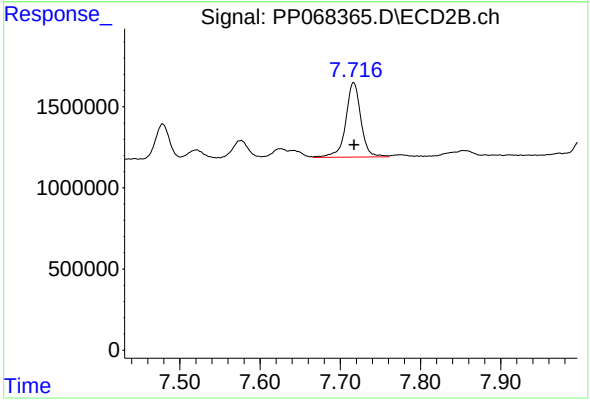
#34 AR-1260-4

R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 2588140
Conc: 48.94 ng/ml



#35 AR-1260-5

R.T.: 8.713 min
Delta R.T.: 0.000 min
Response: 5830709
Conc: 52.82 ng/ml



#35 AR-1260-5

R.T.: 7.717 min
Delta R.T.: 0.000 min
Response: 6019552
Conc: 51.01 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068369.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 04:56
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: Nov 08 06:16:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 05:36:39 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.757	4.051	73701317	72902231	73.913	74.400
2)	SA Decachlor...	10.671	9.210	89329907	79864244	71.261	69.324
	Target Compounds						
16)	L4 AR-1242-1	5.921	5.158	21707847	19947336	727.063	728.384
17)	L4 AR-1242-2	5.943	5.178	32662914	28089404	742.454	724.375
18)	L4 AR-1242-3	6.007	5.359	20651932	15418603	746.847	705.027
19)	L4 AR-1242-4	6.105	5.442	16748446	16360633	759.845	703.966
20)	L4 AR-1242-5	6.839	5.971	19675871	20154463	812.564	740.769

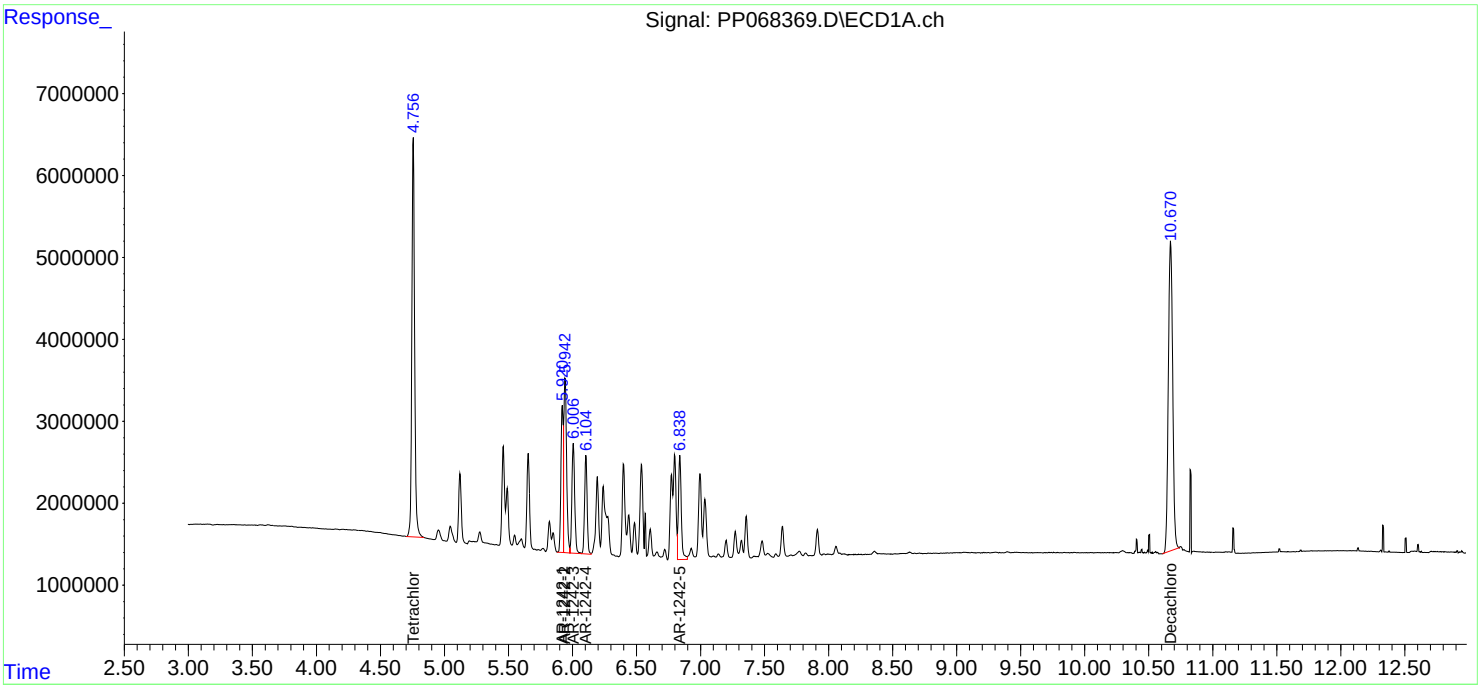
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

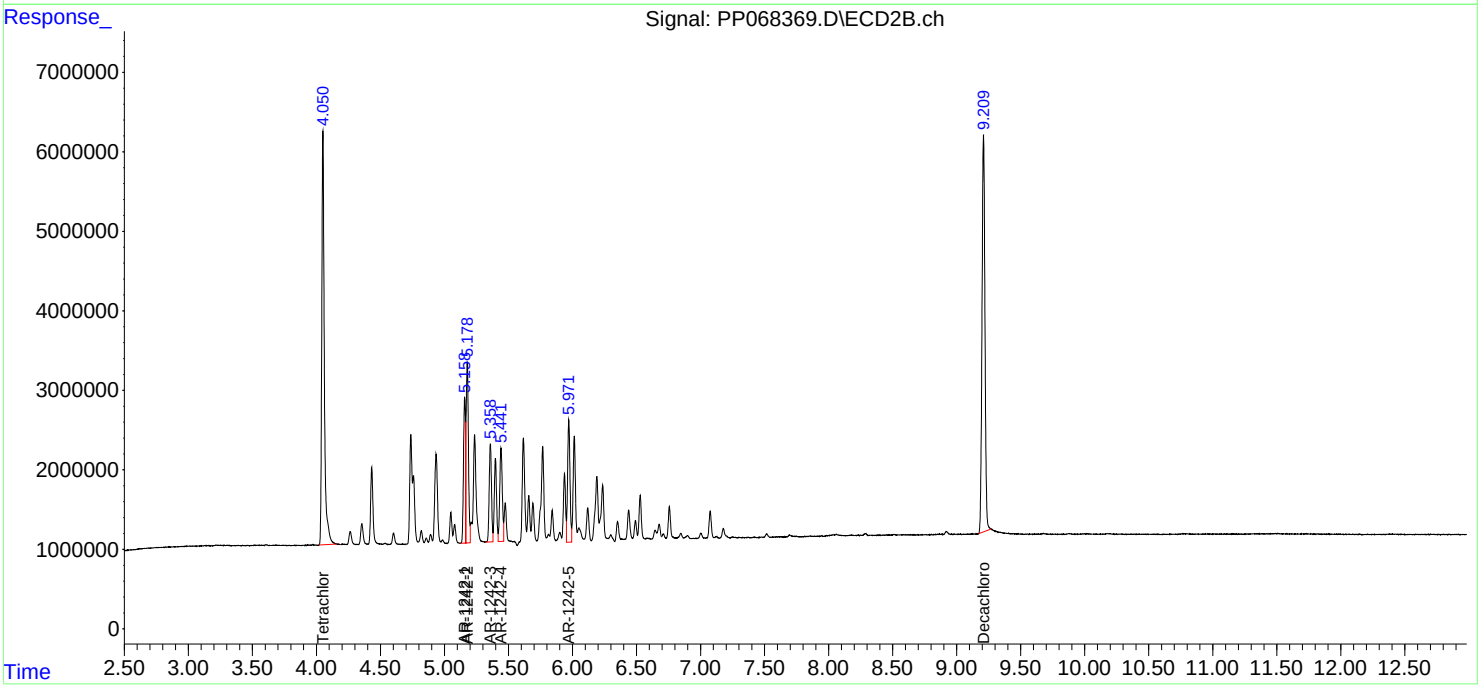
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068369.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 04:56
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

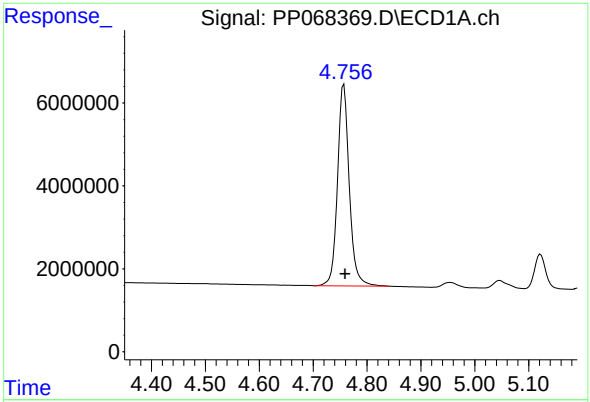
Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 06:16:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 05:36:39 2024
Response via : Initial Calibration
Integrator: ChemStation

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



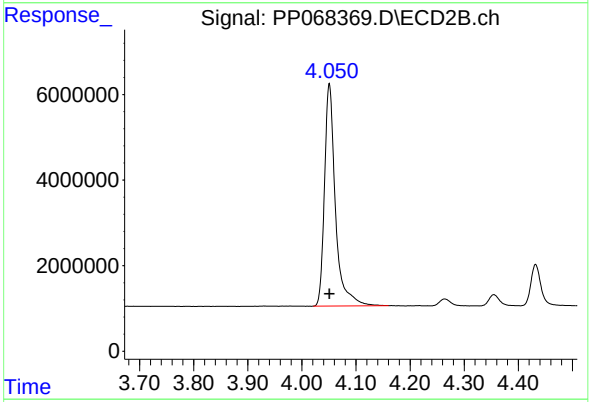




#1 Tetrachloro-m-xylene

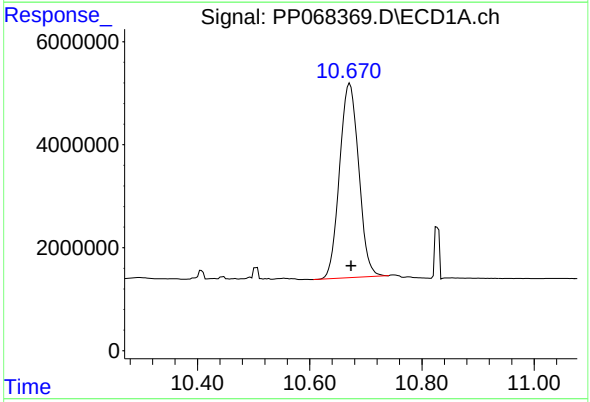
R.T.: 4.757 min
Delta R.T.: -0.002 min
Response: 73701317
Conc: 73.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



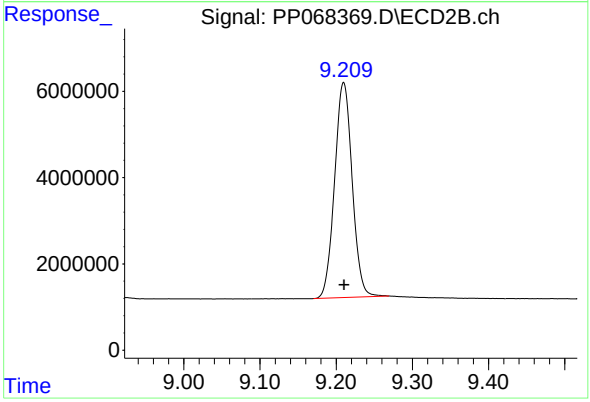
#1 Tetrachloro-m-xylene

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 72902231
Conc: 74.40 ng/ml



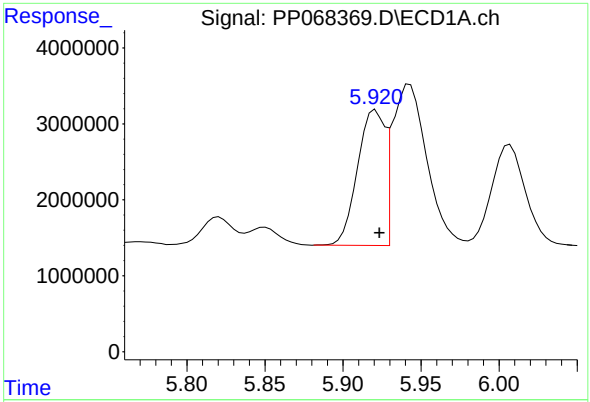
#2 Decachlorobiphenyl

R.T.: 10.671 min
Delta R.T.: -0.002 min
Response: 89329907
Conc: 71.26 ng/ml



#2 Decachlorobiphenyl

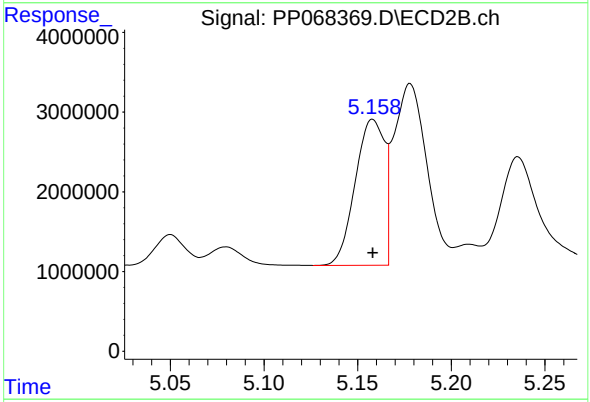
R.T.: 9.210 min
Delta R.T.: 0.000 min
Response: 79864244
Conc: 69.32 ng/ml



#16 AR-1242-1

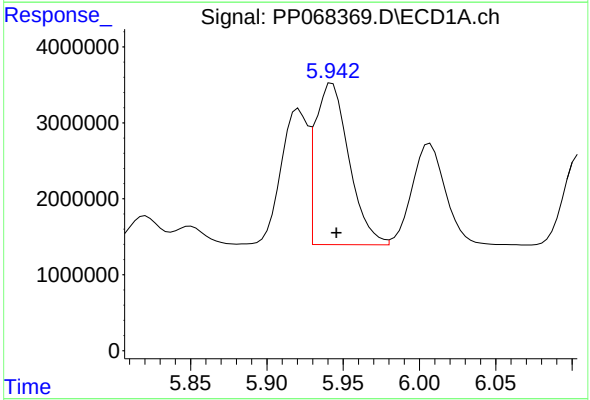
R.T.: 5.921 min
Delta R.T.: -0.002 min
Response: 21707847
Conc: 727.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



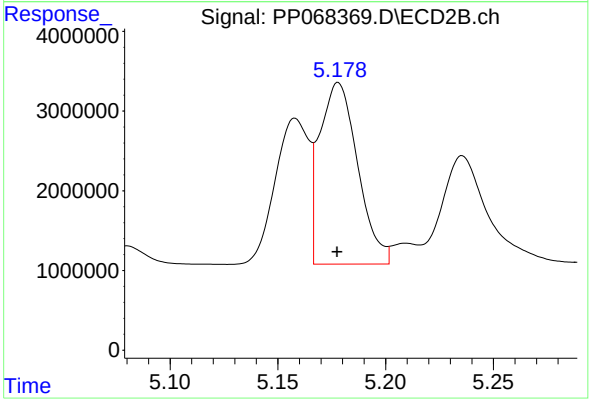
#16 AR-1242-1

R.T.: 5.158 min
Delta R.T.: 0.000 min
Response: 19947336
Conc: 728.38 ng/ml



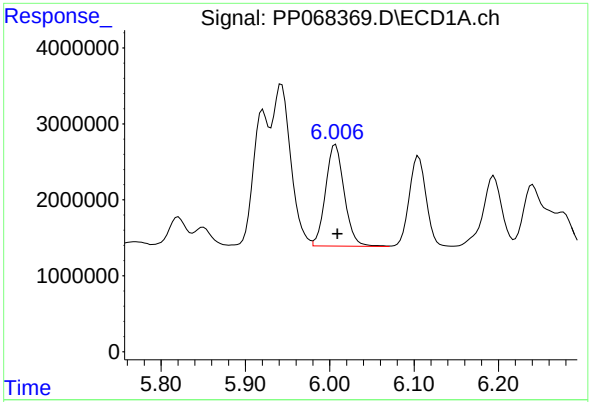
#17 AR-1242-2

R.T.: 5.943 min
Delta R.T.: -0.003 min
Response: 32662914
Conc: 742.45 ng/ml



#17 AR-1242-2

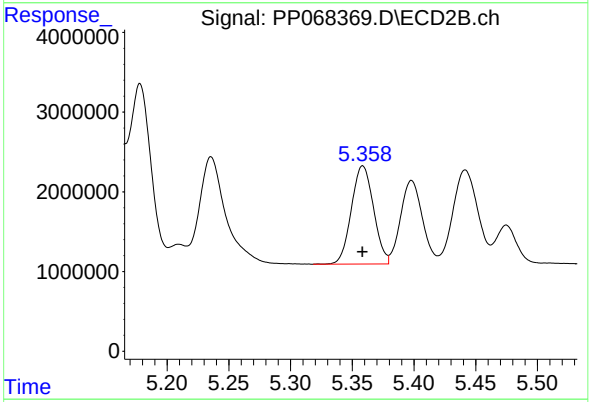
R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 28089404
Conc: 724.37 ng/ml



#18 AR-1242-3

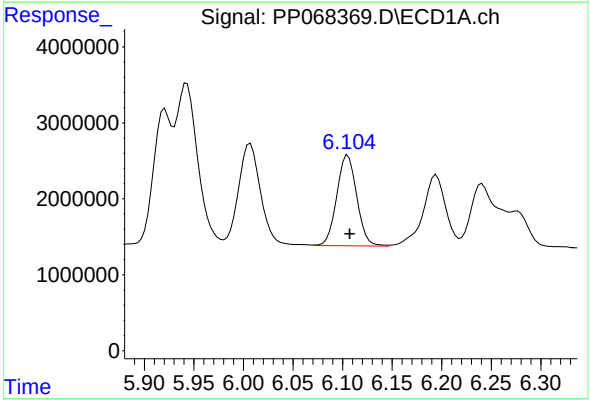
R.T.: 6.007 min
Delta R.T.: -0.002 min
Response: 20651932
Conc: 746.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



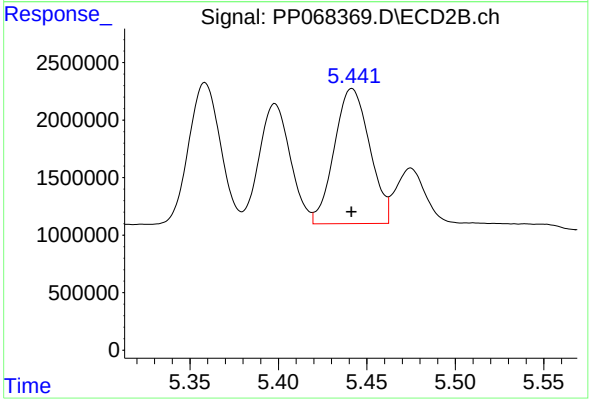
#18 AR-1242-3

R.T.: 5.359 min
Delta R.T.: 0.000 min
Response: 15418603
Conc: 705.03 ng/ml



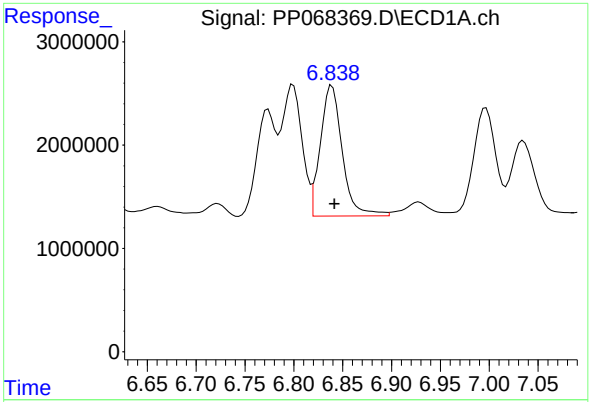
#19 AR-1242-4

R.T.: 6.105 min
Delta R.T.: -0.002 min
Response: 16748446
Conc: 759.85 ng/ml



#19 AR-1242-4

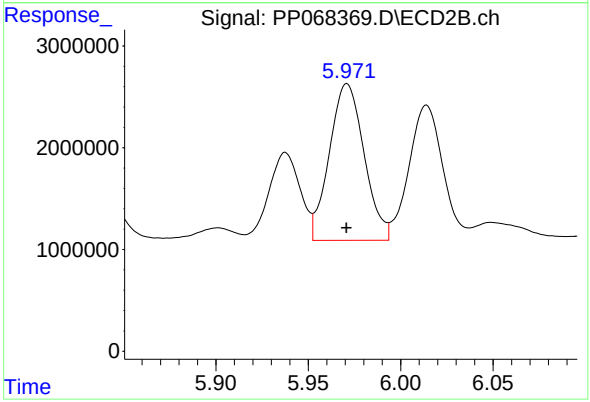
R.T.: 5.442 min
Delta R.T.: 0.000 min
Response: 16360633
Conc: 703.97 ng/ml



#20 AR-1242-5

R.T.: 6.839 min
Delta R.T.: -0.002 min
Response: 19675871
Conc: 812.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



#20 AR-1242-5

R.T.: 5.971 min
Delta R.T.: 0.000 min
Response: 20154463
Conc: 740.77 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068371.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 05:29
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: Nov 08 06:17:21 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 05:36:39 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.757	4.050	26197982	25840991	26.273	26.372
2)	SA Decachlor...	10.671	9.210	33966664	29888082	27.096	25.944
	Target Compounds						
16)	L4 AR-1242-1	5.922	5.158	7995277	7404867	267.786	270.391
17)	L4 AR-1242-2	5.944	5.178	11541932	10286618	262.357	265.273
18)	L4 AR-1242-3	6.007	5.358	7659806	5423964	277.006	248.015
19)	L4 AR-1242-4	6.106	5.441	5674201	5961824	257.428	256.526
20)	L4 AR-1242-5	6.839	5.971	7861995	7738145	324.681	284.412

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

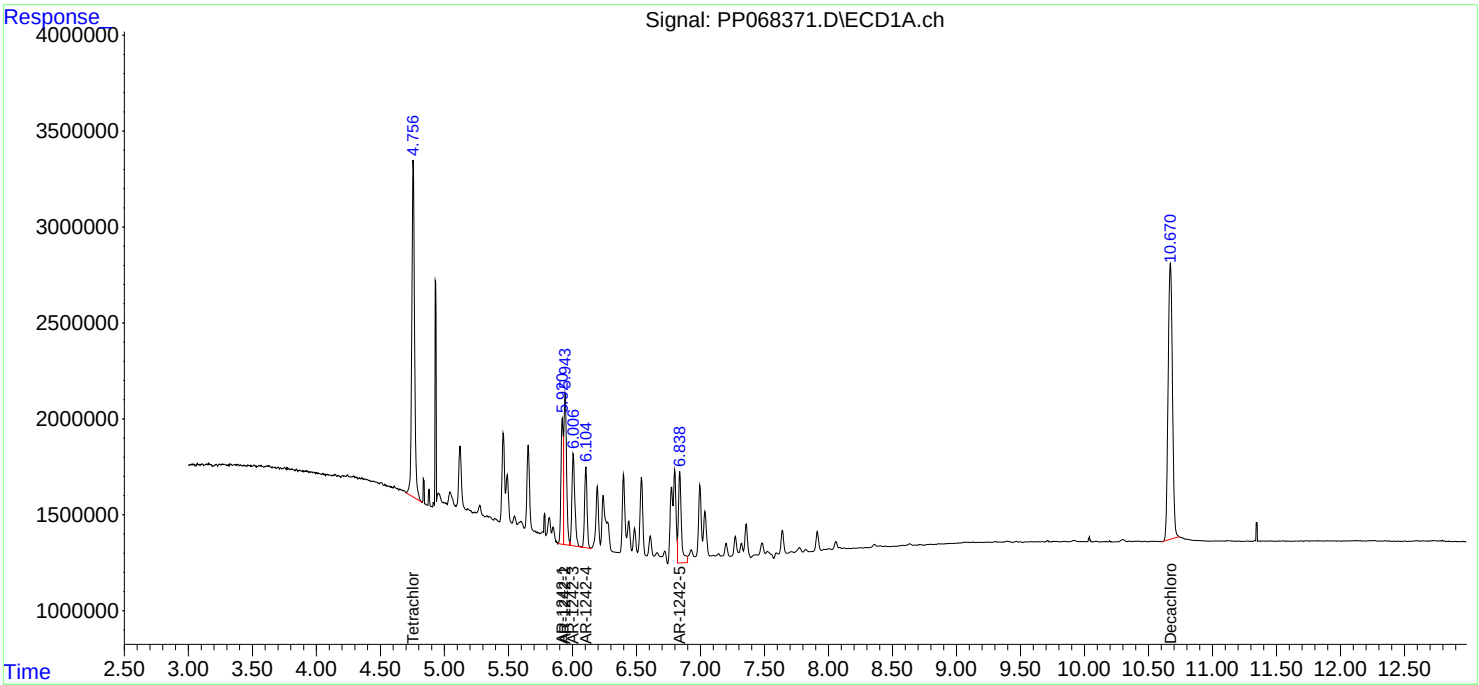
Quantitation Report (Not Reviewed)

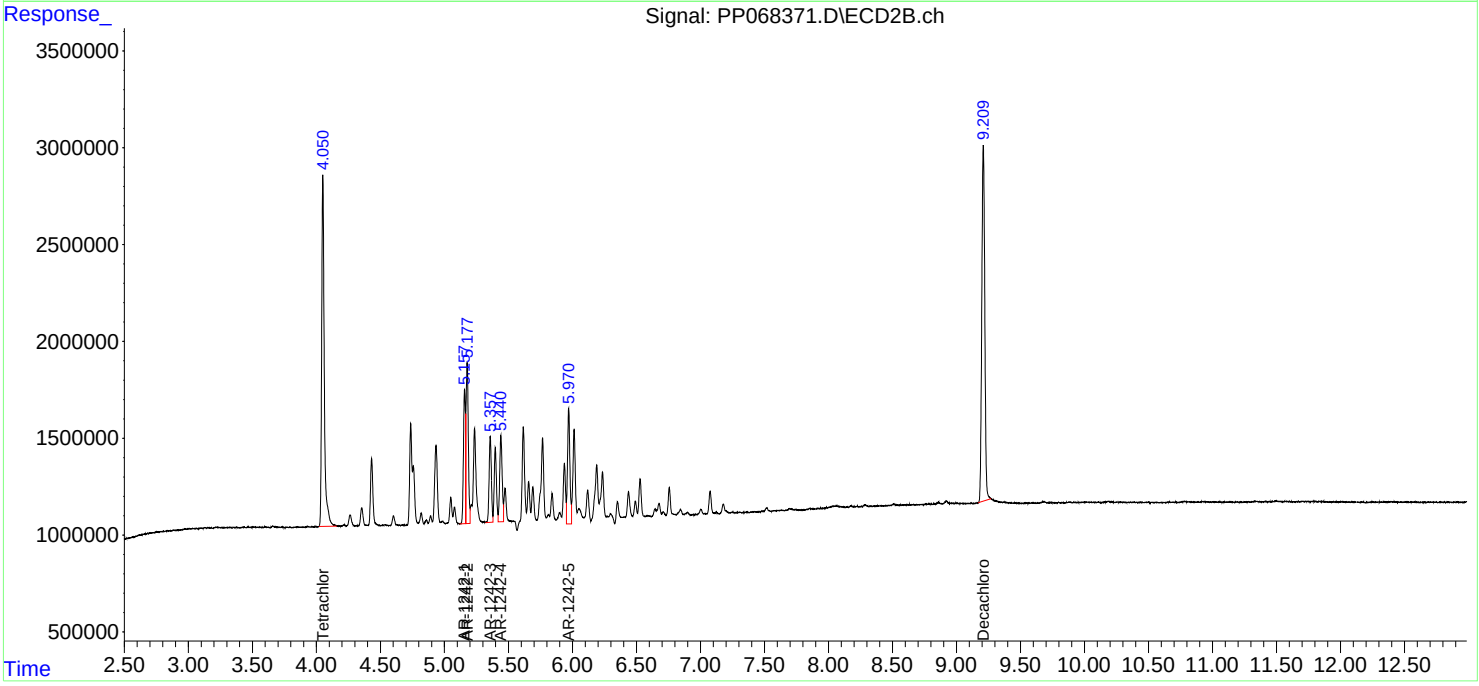
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068371.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 05:29
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

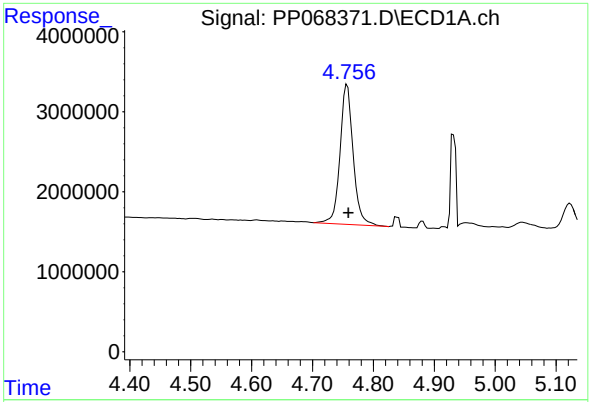
Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 06:17:21 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 05:36:39 2024
Response via : Initial Calibration
Integrator: ChemStation

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



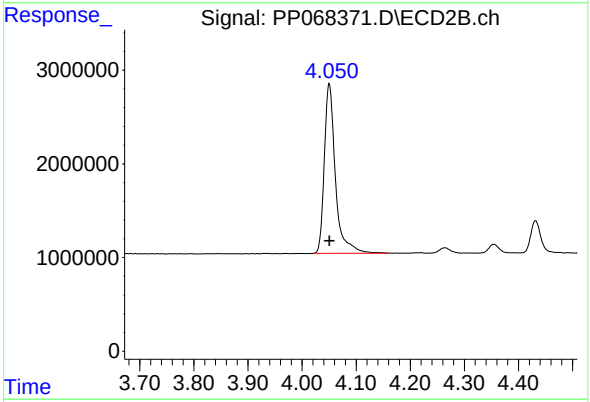




#1 Tetrachloro-m-xylene

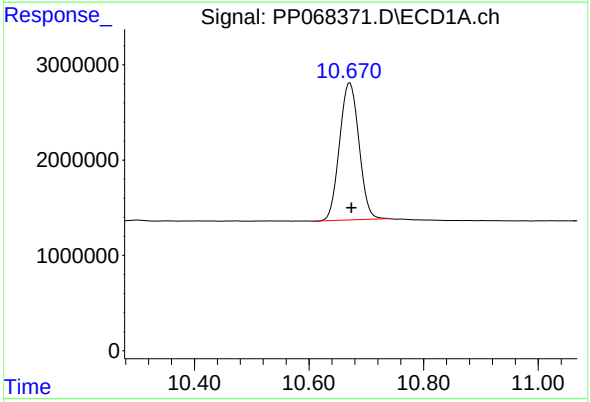
R.T.: 4.757 min
Delta R.T.: -0.002 min
Response: 26197982
Conc: 26.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



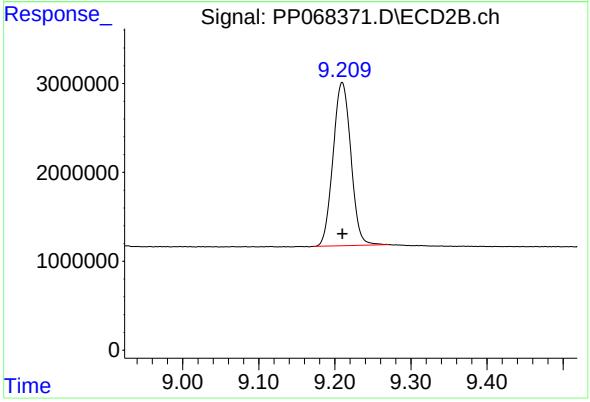
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 25840991
Conc: 26.37 ng/ml



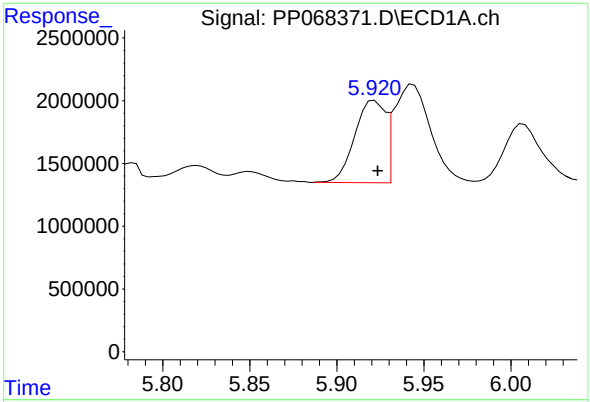
#2 Decachlorobiphenyl

R.T.: 10.671 min
Delta R.T.: -0.003 min
Response: 33966664
Conc: 27.10 ng/ml



#2 Decachlorobiphenyl

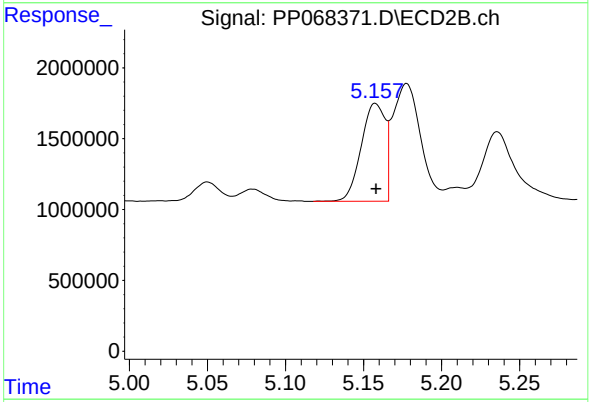
R.T.: 9.210 min
Delta R.T.: 0.000 min
Response: 29888082
Conc: 25.94 ng/ml



#16 AR-1242-1

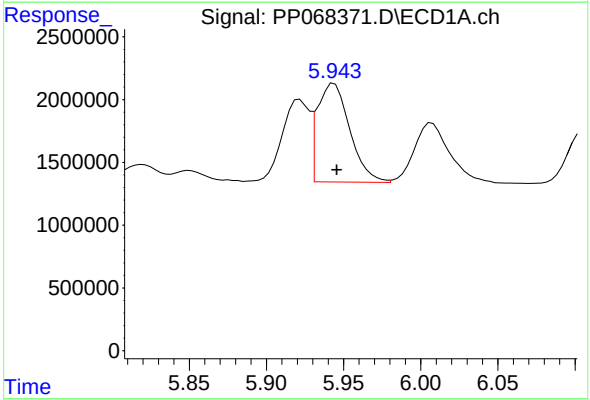
R.T.: 5.922 min
Delta R.T.: -0.002 min
Response: 7995277
Conc: 267.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



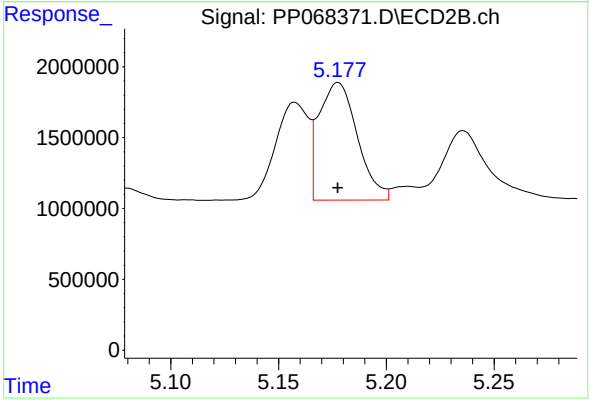
#16 AR-1242-1

R.T.: 5.158 min
Delta R.T.: 0.000 min
Response: 7404867
Conc: 270.39 ng/ml



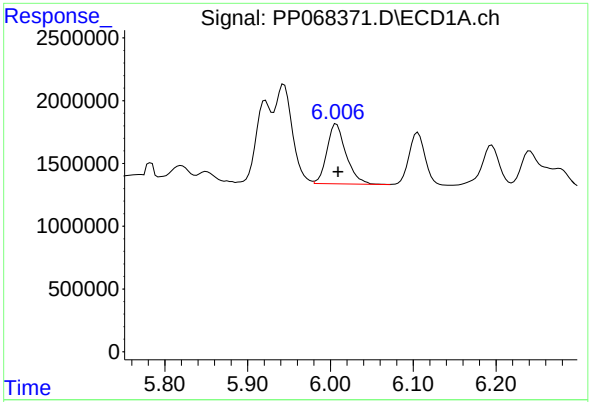
#17 AR-1242-2

R.T.: 5.944 min
Delta R.T.: -0.002 min
Response: 11541932
Conc: 262.36 ng/ml



#17 AR-1242-2

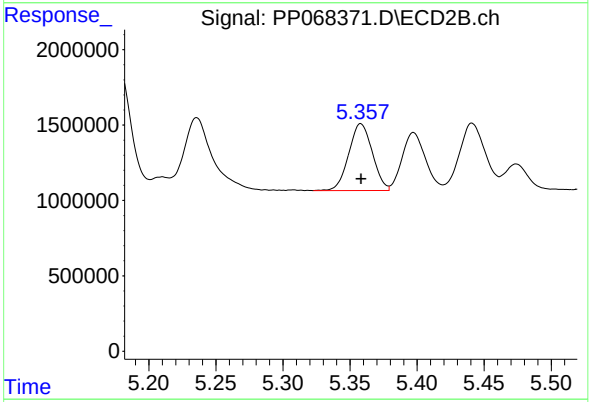
R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 10286618
Conc: 265.27 ng/ml



#18 AR-1242-3

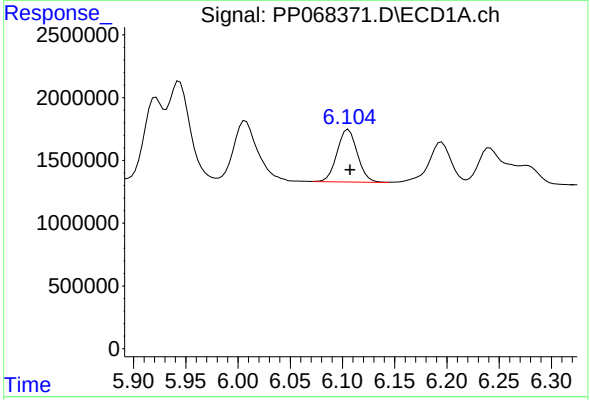
R.T.: 6.007 min
Delta R.T.: -0.002 min
Response: 7659806
Conc: 277.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



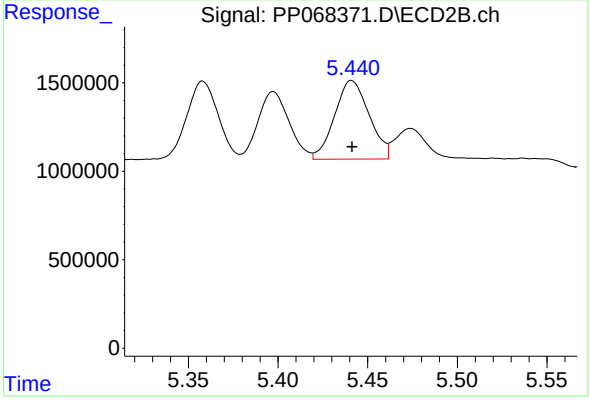
#18 AR-1242-3

R.T.: 5.358 min
Delta R.T.: 0.000 min
Response: 5423964
Conc: 248.01 ng/ml



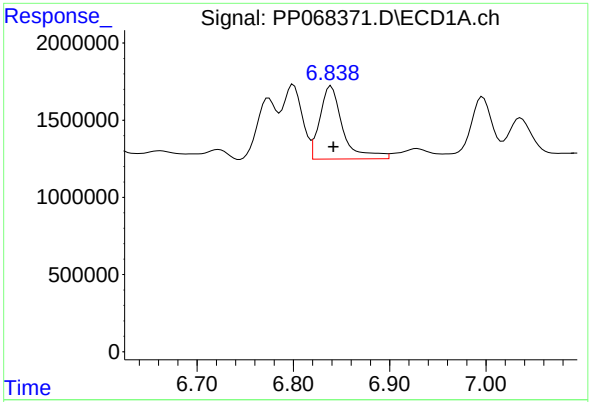
#19 AR-1242-4

R.T.: 6.106 min
Delta R.T.: -0.001 min
Response: 5674201
Conc: 257.43 ng/ml



#19 AR-1242-4

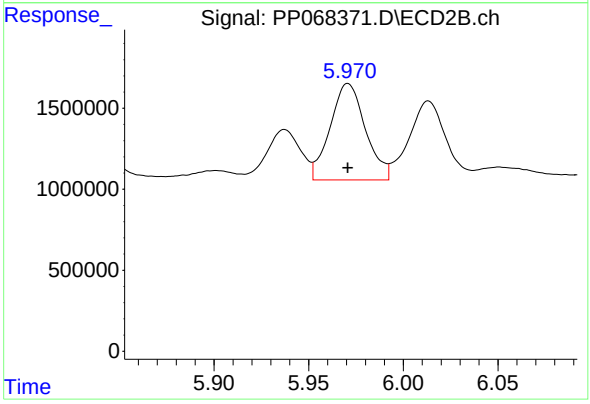
R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 5961824
Conc: 256.53 ng/ml



#20 AR-1242-5

R.T.: 6.839 min
Delta R.T.: -0.002 min
Response: 7861995
Conc: 324.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



#20 AR-1242-5

R.T.: 5.971 min
Delta R.T.: 0.000 min
Response: 7738145
Conc: 284.41 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068376.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 06:50
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: Nov 08 07:04:14 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 06:51:17 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.757	4.050	25555780	25959761	25.670	26.832
2)	SA Decachlor...	10.670	9.209	34717264	31159867	28.491	27.874
	Target Compounds						
21)	L5 AR-1248-1	5.920	5.157	6190631	5821980	276.395	277.574
22)	L5 AR-1248-2	6.194	5.397	8965381	8710730	272.036	285.694
23)	L5 AR-1248-3	6.398	5.441	10381737	9153534	288.104	285.674
24)	L5 AR-1248-4	6.799	5.616	11882340	10721414	283.252	289.041
25)	L5 AR-1248-5	6.838	6.013	11818508	10171757	282.856	287.833

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

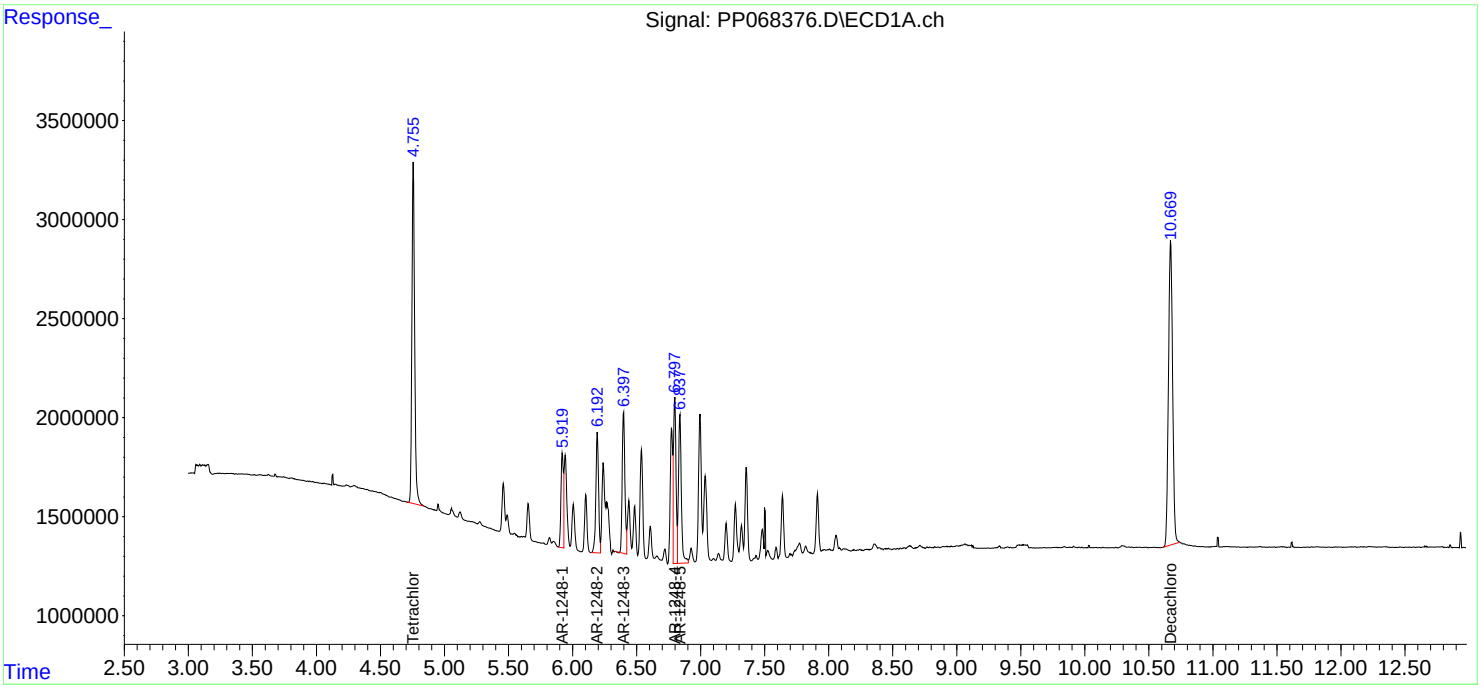
Quantitation Report (Not Reviewed)

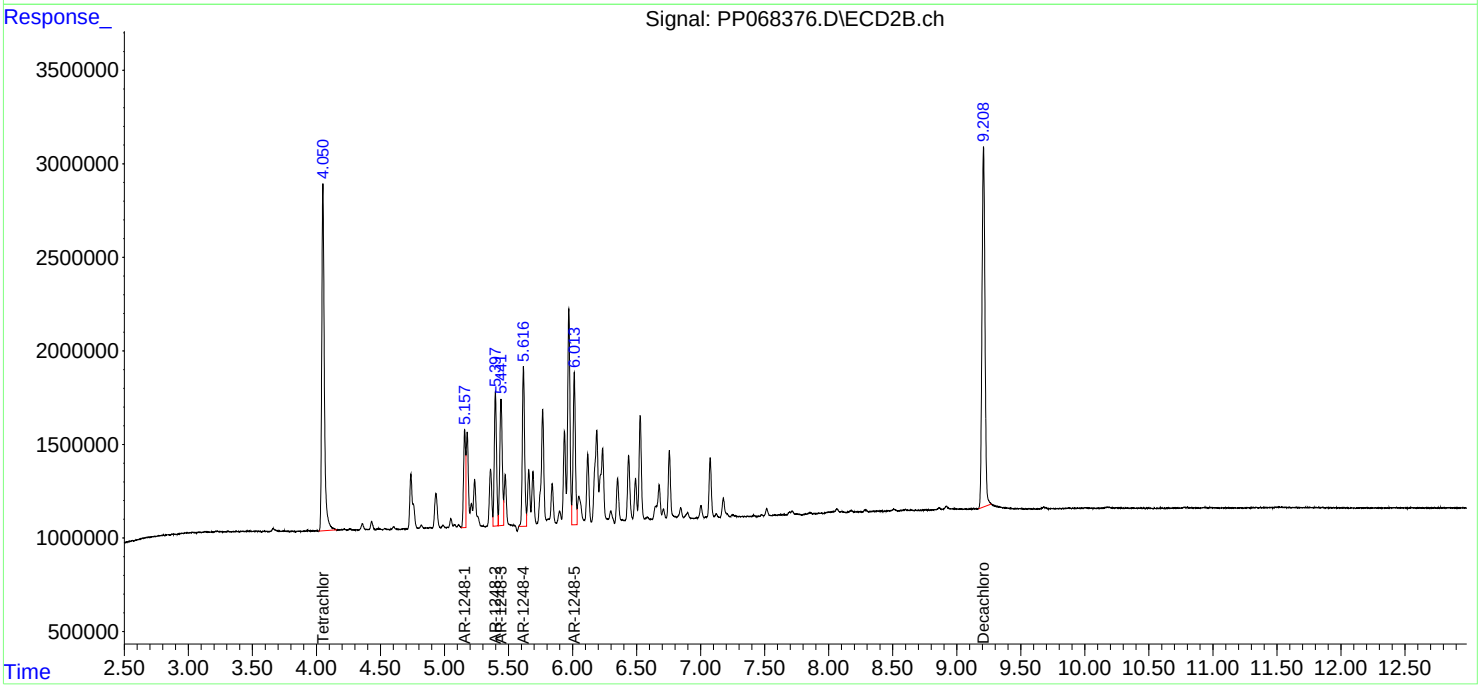
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068376.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 06:50
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

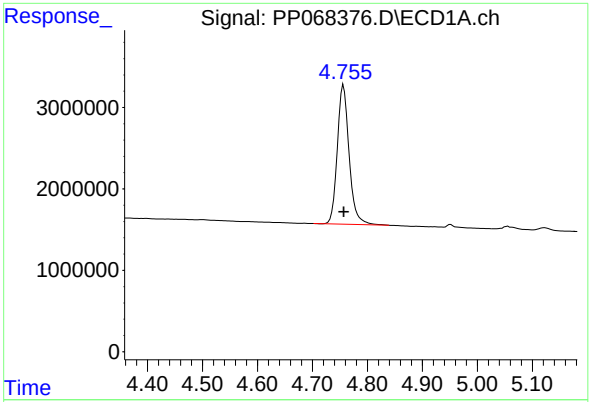
Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 07:04:14 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 06:51:17 2024
Response via : Initial Calibration
Integrator: ChemStation

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



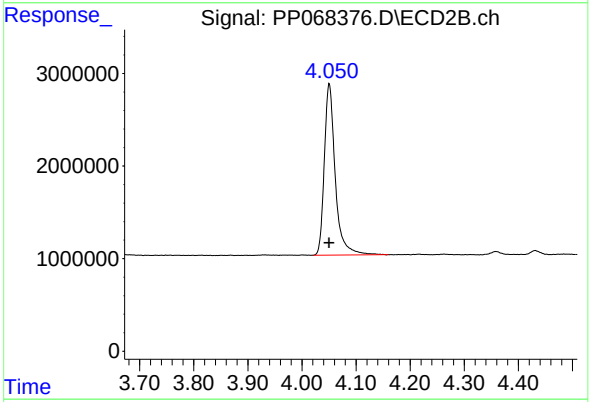




#1 Tetrachloro-m-xylene

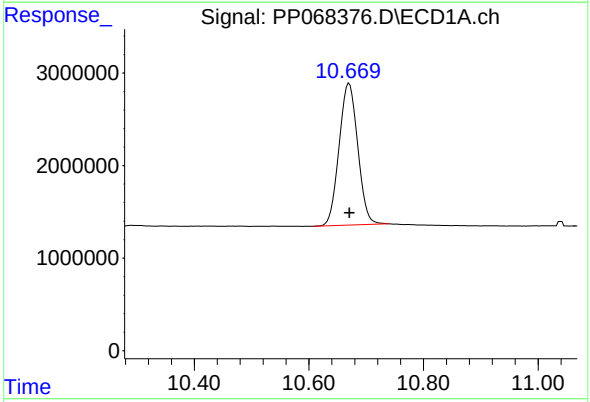
R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 25555780
Conc: 25.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



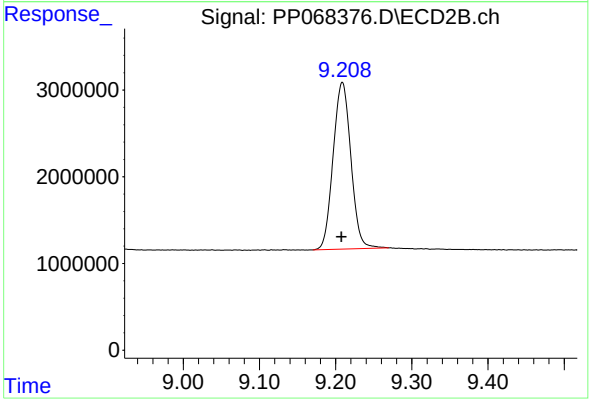
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 25959761
Conc: 26.83 ng/ml



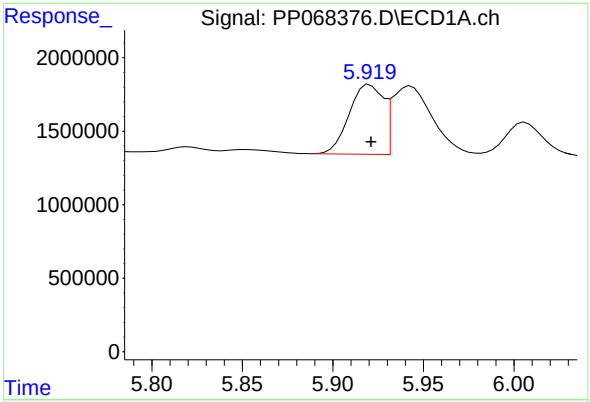
#2 Decachlorobiphenyl

R.T.: 10.670 min
Delta R.T.: 0.000 min
Response: 34717264
Conc: 28.49 ng/ml



#2 Decachlorobiphenyl

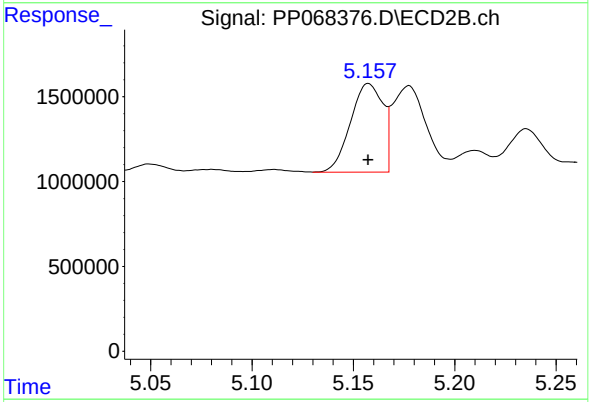
R.T.: 9.209 min
Delta R.T.: 0.001 min
Response: 31159867
Conc: 27.87 ng/ml



#21 AR-1248-1

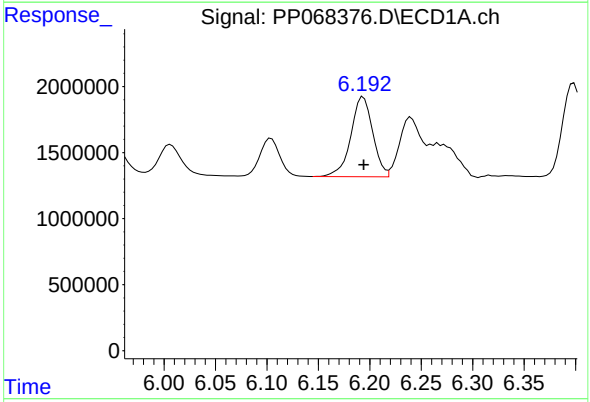
R.T.: 5.920 min
Delta R.T.: 0.000 min
Response: 6190631
Conc: 276.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



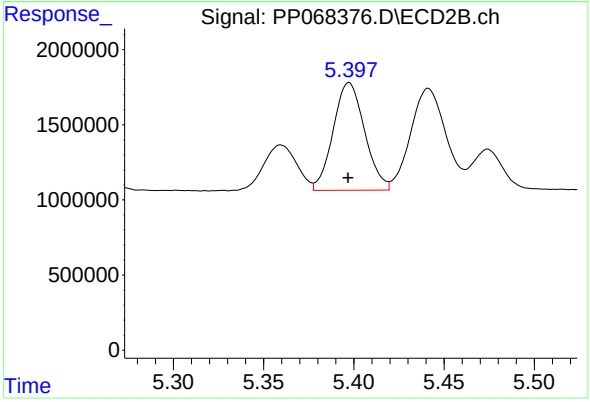
#21 AR-1248-1

R.T.: 5.157 min
Delta R.T.: 0.000 min
Response: 5821980
Conc: 277.57 ng/ml



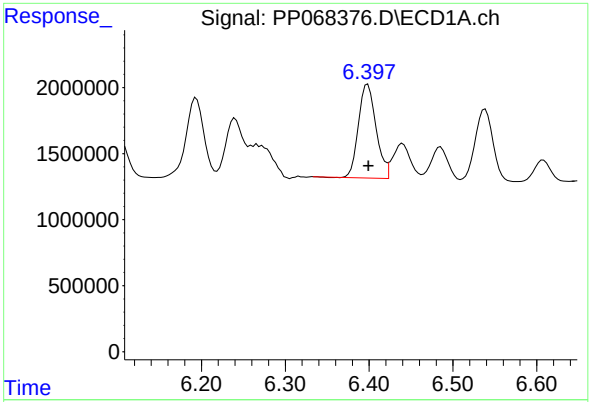
#22 AR-1248-2

R.T.: 6.194 min
Delta R.T.: 0.000 min
Response: 8965381
Conc: 272.04 ng/ml



#22 AR-1248-2

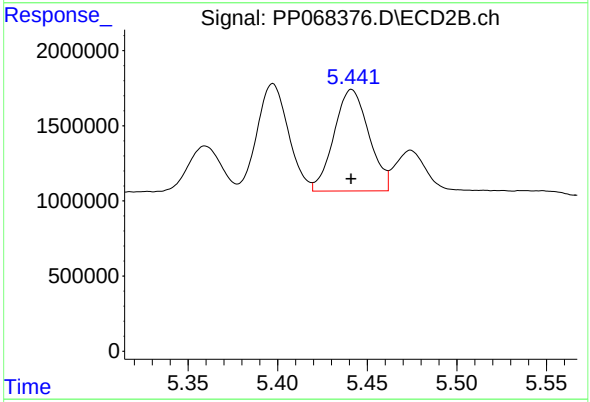
R.T.: 5.397 min
Delta R.T.: 0.000 min
Response: 8710730
Conc: 285.69 ng/ml



#23 AR-1248-3

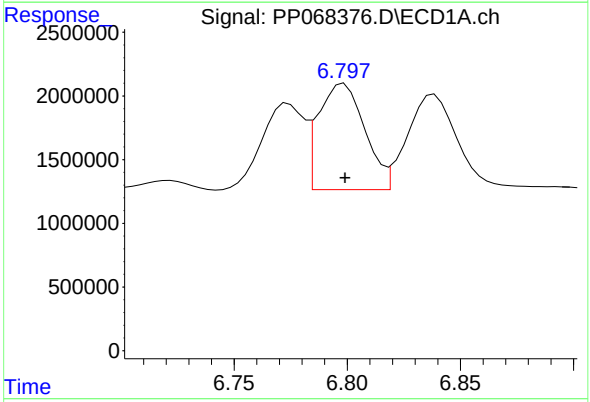
R.T.: 6.398 min
Delta R.T.: 0.000 min
Response: 10381737
Conc: 288.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



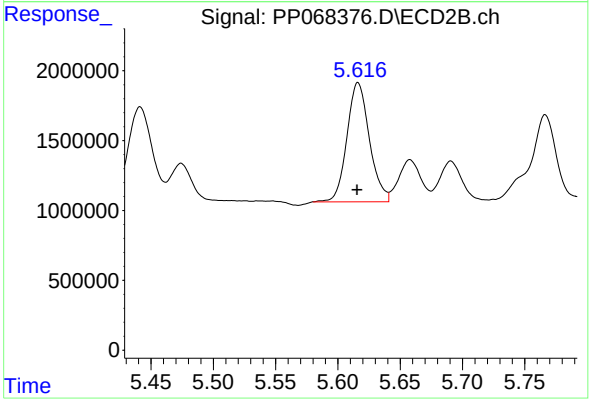
#23 AR-1248-3

R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 9153534
Conc: 285.67 ng/ml



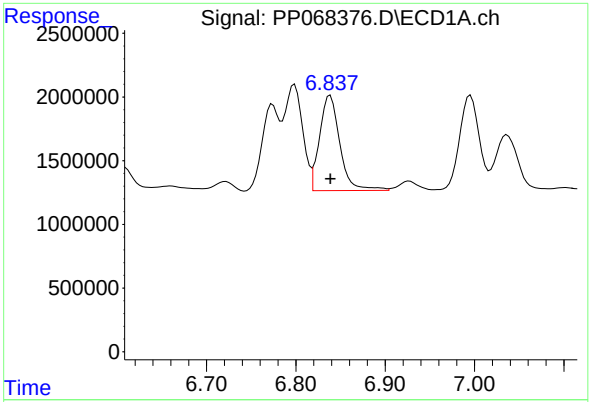
#24 AR-1248-4

R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 11882340
Conc: 283.25 ng/ml



#24 AR-1248-4

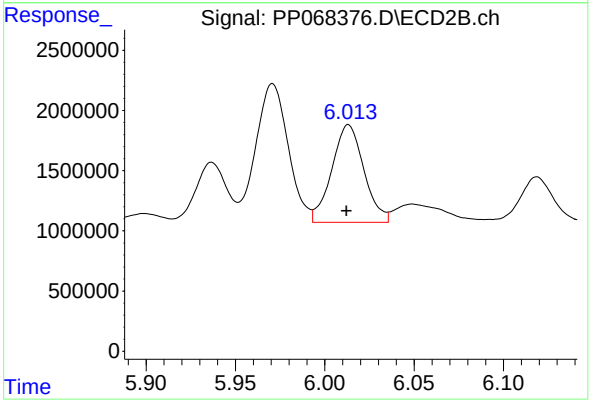
R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 10721414
Conc: 289.04 ng/ml



#25 AR-1248-5

R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 11818508
Conc: 282.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



#25 AR-1248-5

R.T.: 6.013 min
Delta R.T.: 0.001 min
Response: 10171757
Conc: 287.83 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068378.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 07:23
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: Nov 08 09:53:19 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 09:47:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.757	4.050	98906691	98166081	99.647	98.675
2)	SA Decachlor...	10.669	9.208	118.4E6	110.1E6	95.937	95.442
	Target Compounds						
26)	L6 AR-1254-1	6.776	5.972	56376462	54665587	1158.892	948.417
27)	L6 AR-1254-2	6.993	6.118	61419018	47820782	968.856	948.634
28)	L6 AR-1254-3	7.358	6.528	65006662	78076384	973.954	965.144
29)	L6 AR-1254-4	7.640	6.756	47495422	45870471	969.884	964.598
30)	L6 AR-1254-5	8.059	7.178	65820376	70292397	1104.990	976.325

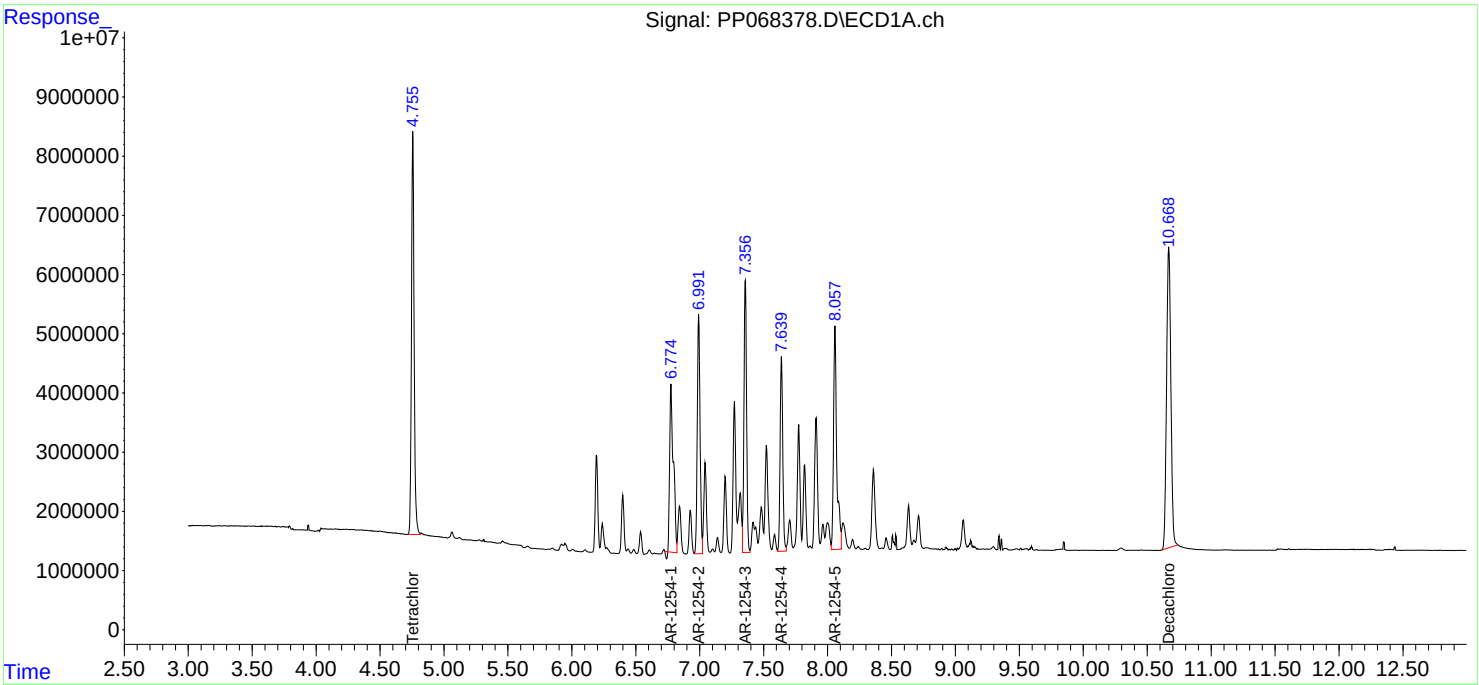
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

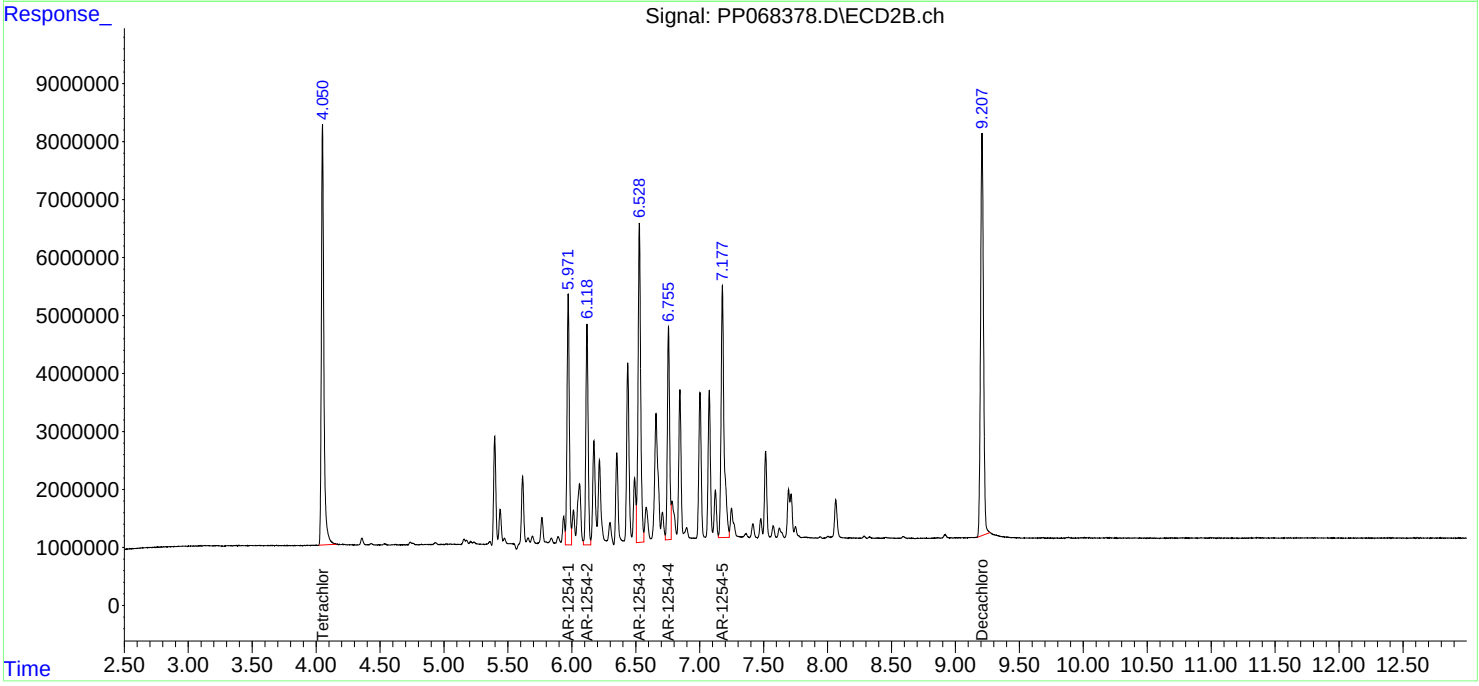
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068378.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 07:23
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

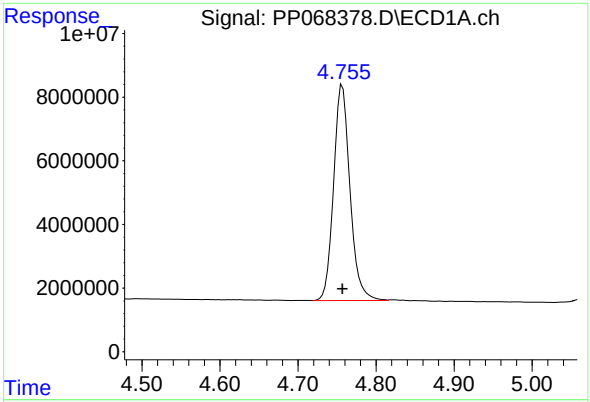
Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 09:53:19 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 09:47:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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



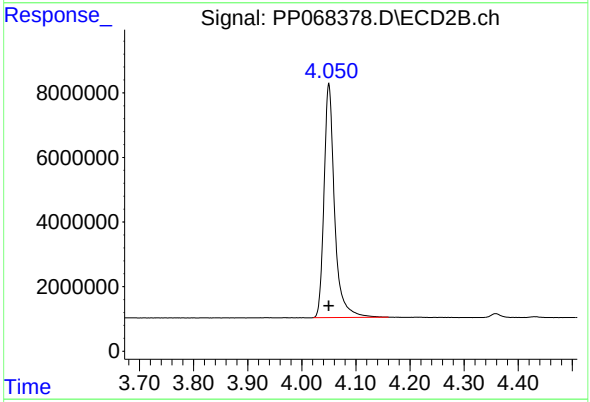




#1 Tetrachloro-m-xylene

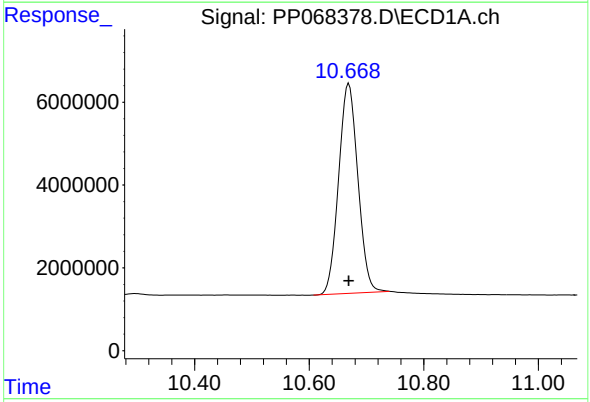
R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 98906691
Conc: 99.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



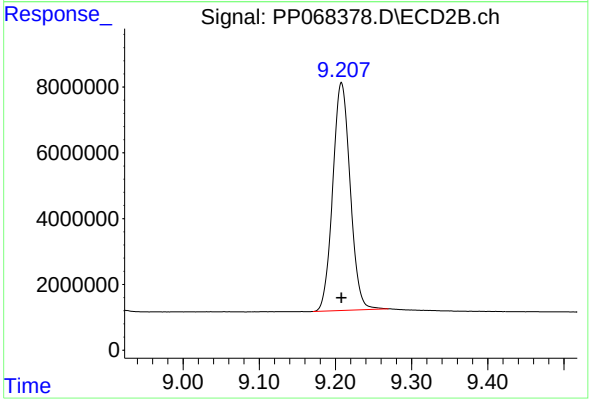
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 98166081
Conc: 98.68 ng/ml



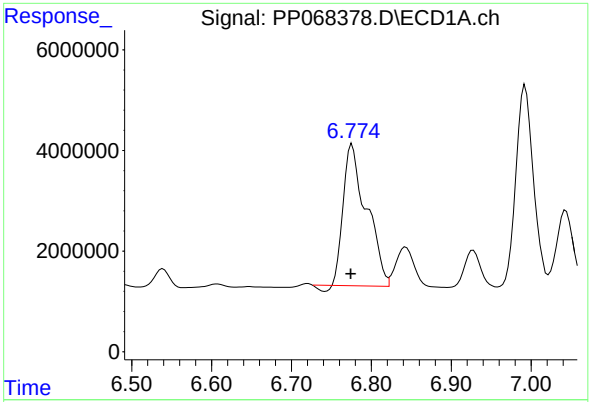
#2 Decachlorobiphenyl

R.T.: 10.669 min
Delta R.T.: 0.000 min
Response: 118392592
Conc: 95.94 ng/ml



#2 Decachlorobiphenyl

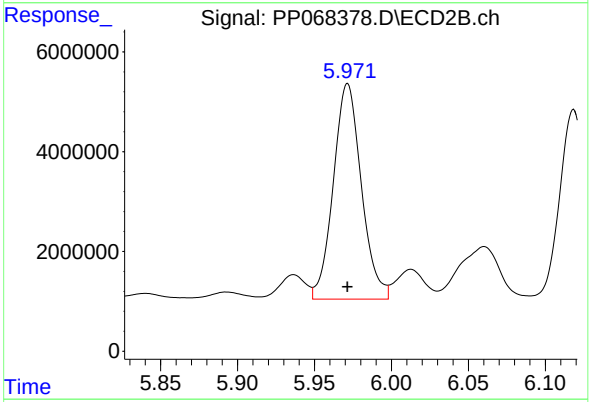
R.T.: 9.208 min
Delta R.T.: 0.000 min
Response: 110136165
Conc: 95.44 ng/ml



#26 AR-1254-1

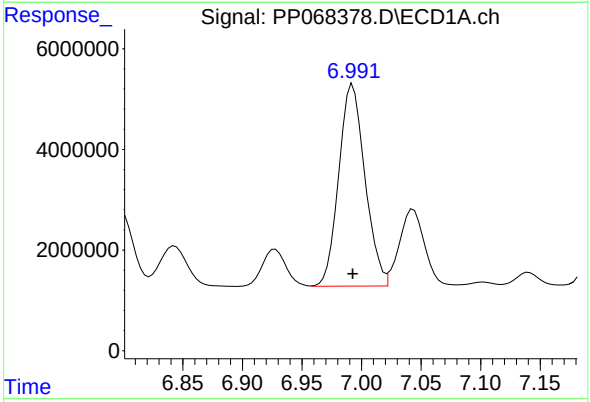
R.T.: 6.776 min
Delta R.T.: 0.001 min
Response: 56376462
Conc: 1158.89 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



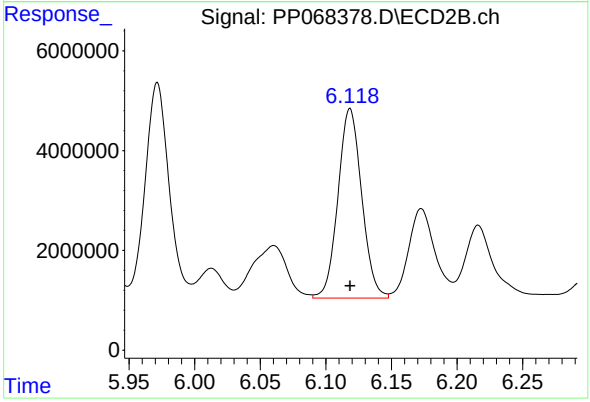
#26 AR-1254-1

R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 54665587
Conc: 948.42 ng/ml



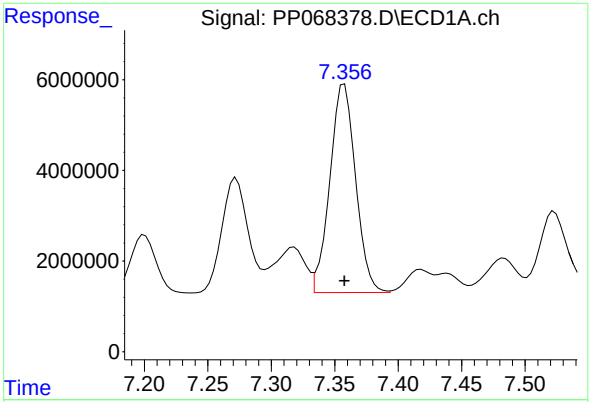
#27 AR-1254-2

R.T.: 6.993 min
Delta R.T.: 0.000 min
Response: 61419018
Conc: 968.86 ng/ml



#27 AR-1254-2

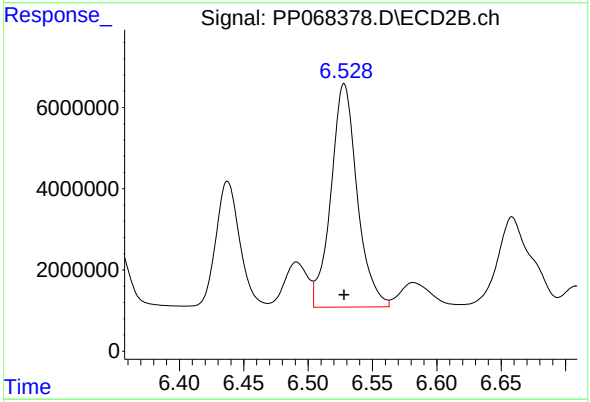
R.T.: 6.118 min
Delta R.T.: 0.000 min
Response: 47820782
Conc: 948.63 ng/ml



#28 AR-1254-3

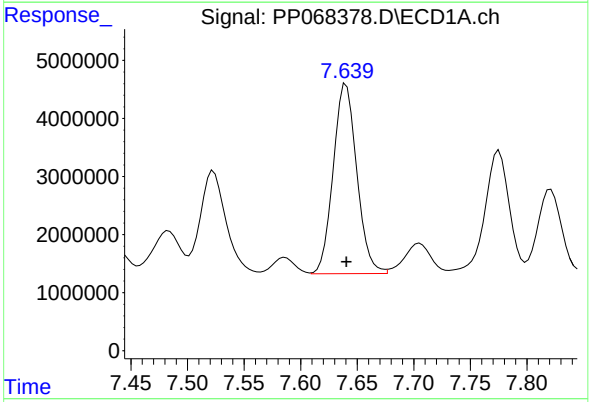
R.T.: 7.358 min
Delta R.T.: 0.000 min
Response: 65006662
Conc: 973.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



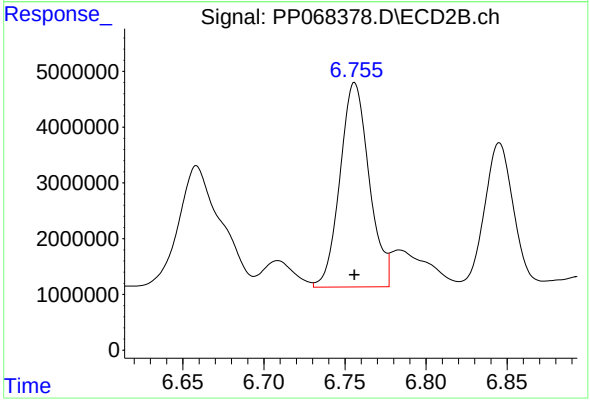
#28 AR-1254-3

R.T.: 6.528 min
Delta R.T.: 0.000 min
Response: 78076384
Conc: 965.14 ng/ml



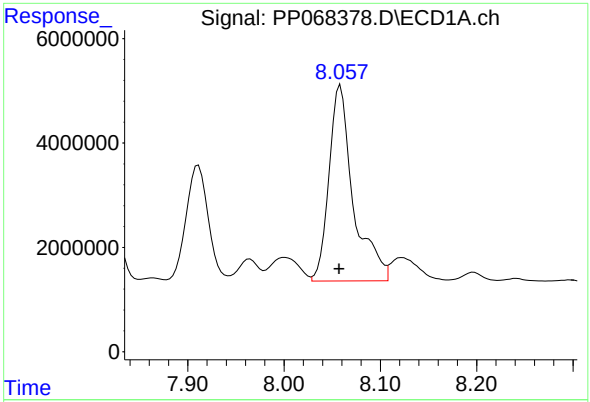
#29 AR-1254-4

R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 47495422
Conc: 969.88 ng/ml



#29 AR-1254-4

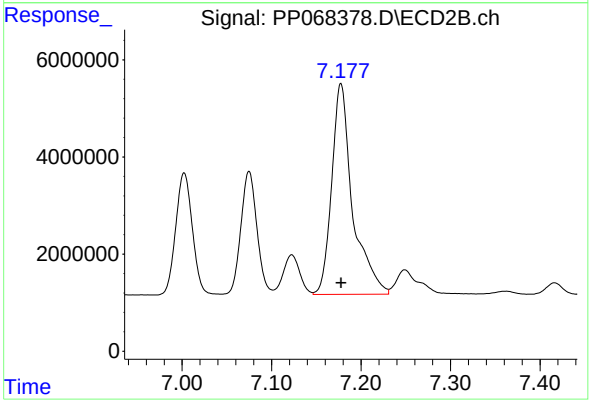
R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 45870471
Conc: 964.60 ng/ml



#30 AR-1254-5

R.T.: 8.059 min
Delta R.T.: 0.001 min
Response: 65820376
Conc: 1104.99 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



#30 AR-1254-5

R.T.: 7.178 min
Delta R.T.: 0.000 min
Response: 70292397
Conc: 976.33 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068379.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 07:39
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: Nov 08 09:56:22 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 09:47:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.758	4.051	73138766	72824240	74.119	73.792
2)	SA Decachlor...	10.672	9.210	90848573	84413757	74.072	73.757
	Target Compounds						
26)	L6 AR-1254-1	6.777	5.973	45015365	43052180	957.143	747.951
27)	L6 AR-1254-2	6.995	6.120	46567486	37049264	739.649	739.903
28)	L6 AR-1254-3	7.359	6.529	49804825	59696040	747.459	741.913
29)	L6 AR-1254-4	7.642	6.757	36562831	35361668	747.753	745.729
30)	L6 AR-1254-5	8.060	7.178	43554556	53183280	738.602	742.421

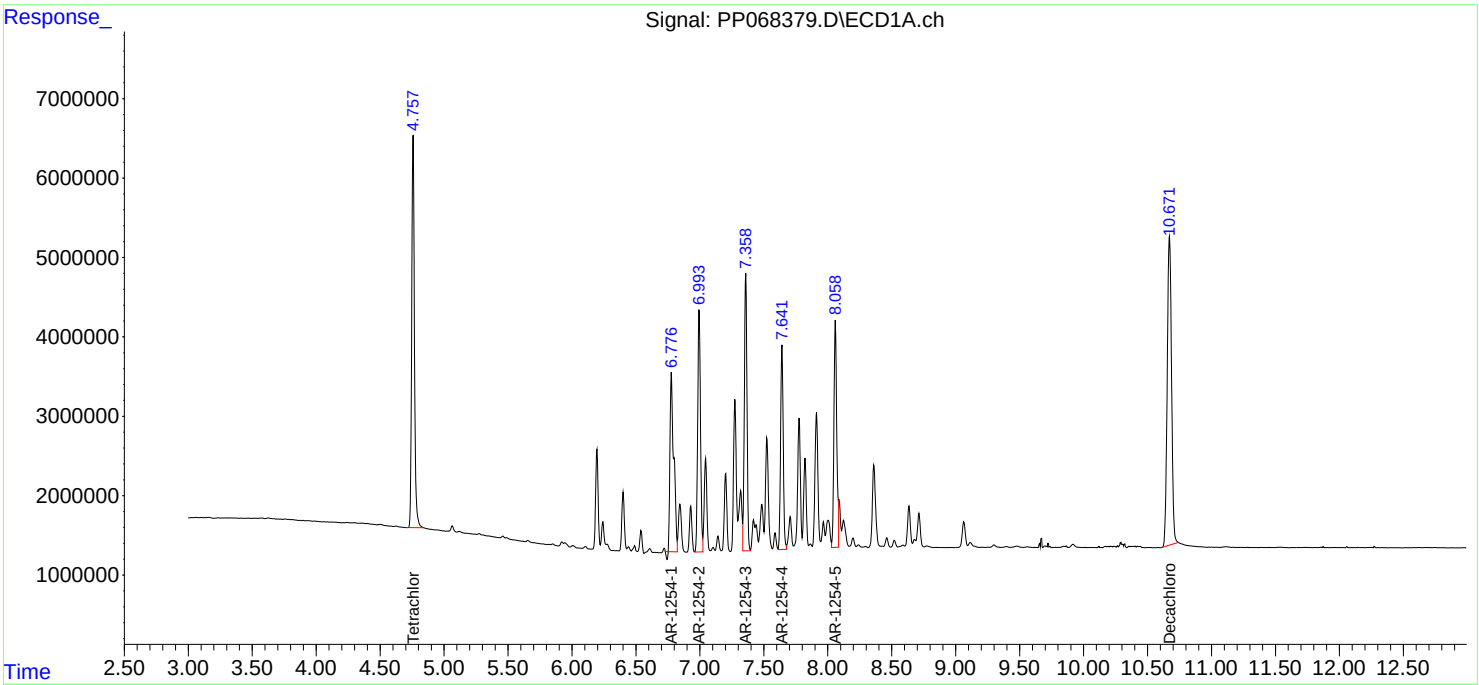
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

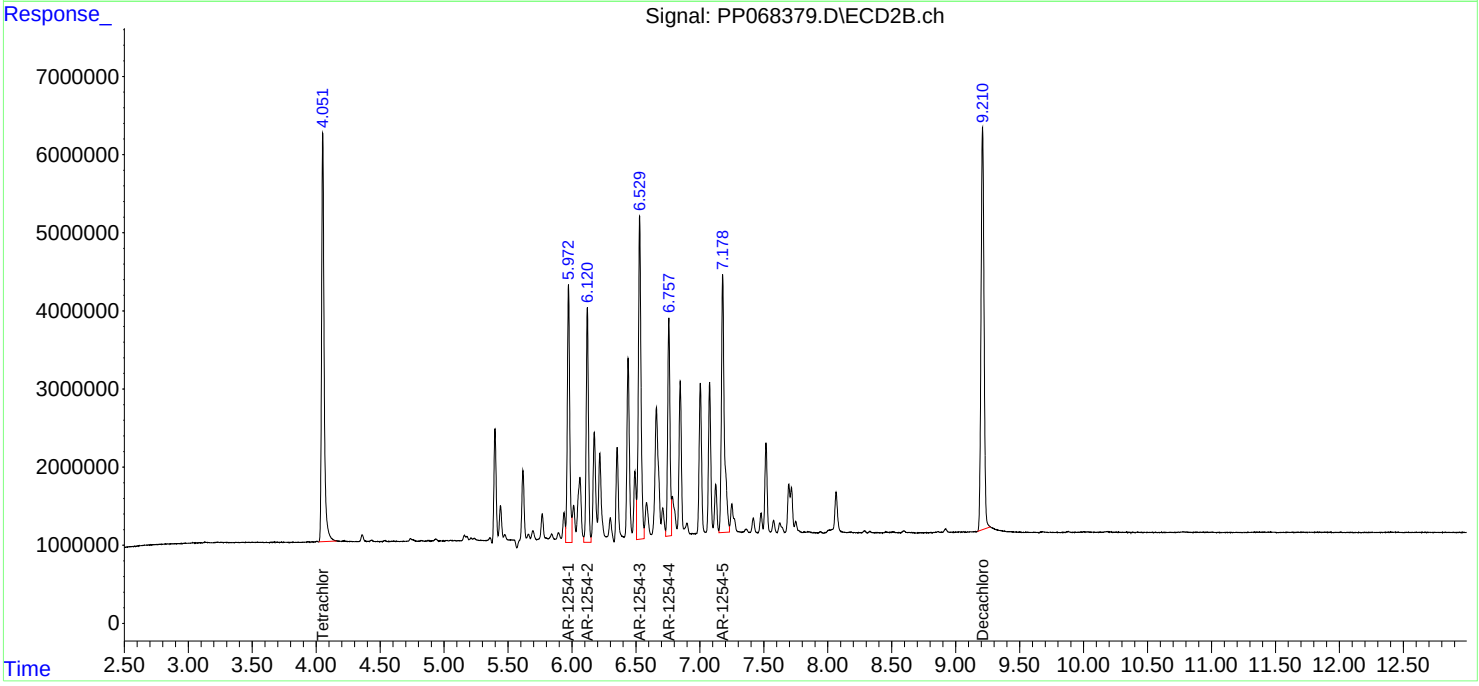
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068379.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 07:39
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

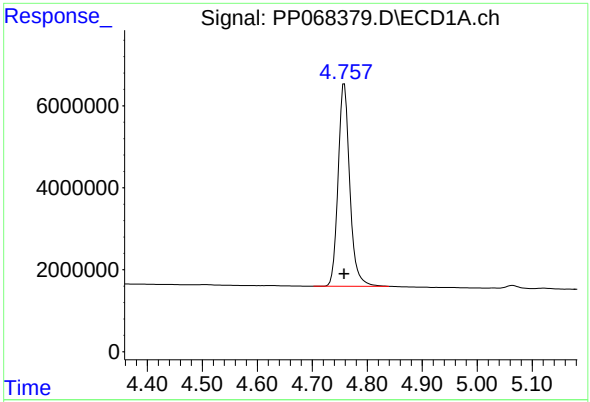
Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 09:56:22 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 09:47:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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



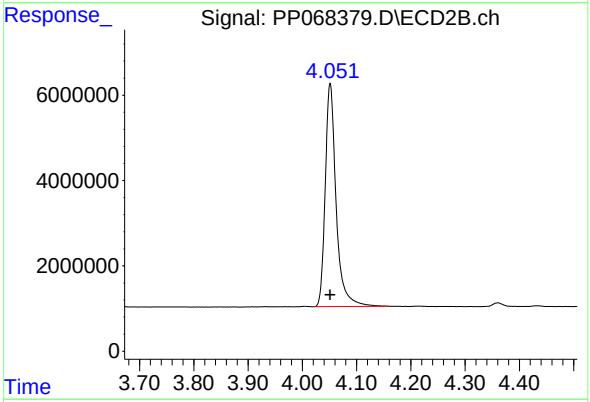




#1 Tetrachloro-m-xylene

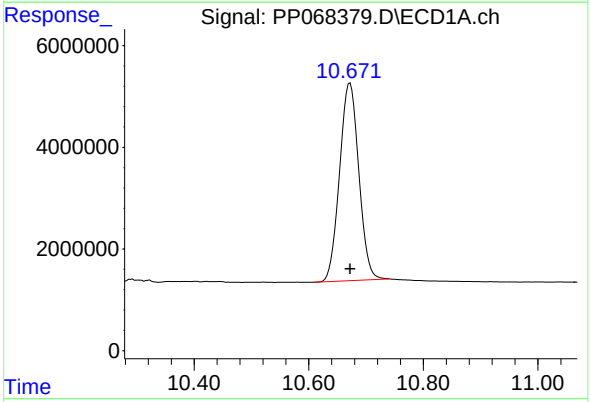
R.T.: 4.758 min
Delta R.T.: 0.000 min
Response: 73138766
Conc: 74.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



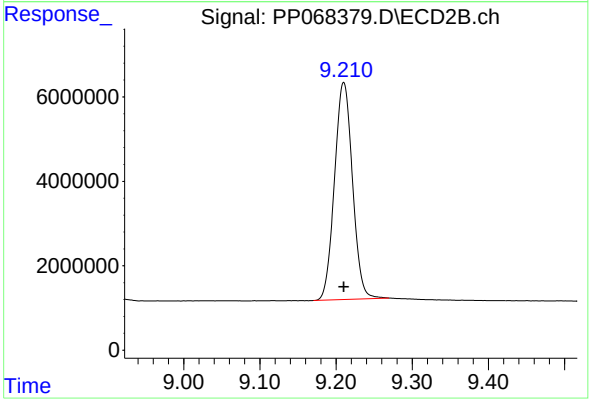
#1 Tetrachloro-m-xylene

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 72824240
Conc: 73.79 ng/ml



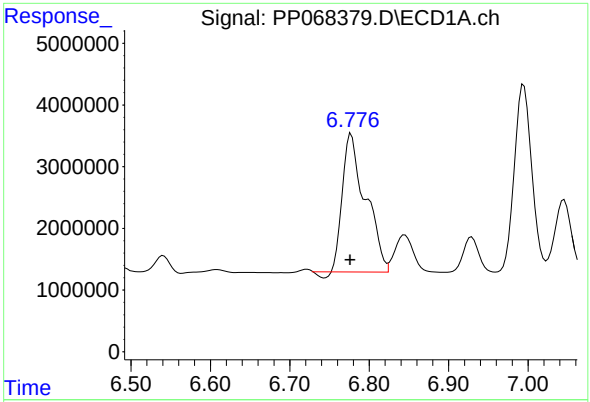
#2 Decachlorobiphenyl

R.T.: 10.672 min
Delta R.T.: 0.000 min
Response: 90848573
Conc: 74.07 ng/ml



#2 Decachlorobiphenyl

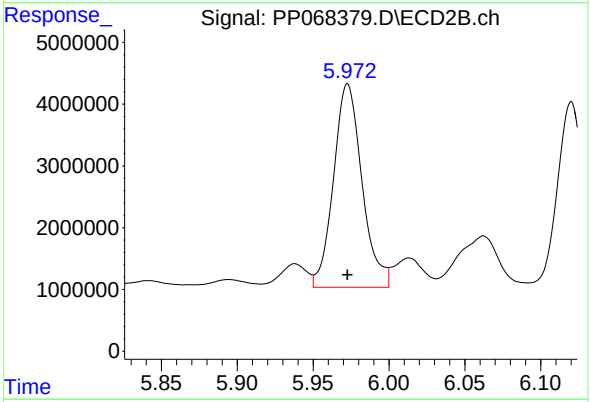
R.T.: 9.210 min
Delta R.T.: 0.000 min
Response: 84413757
Conc: 73.76 ng/ml



#26 AR-1254-1

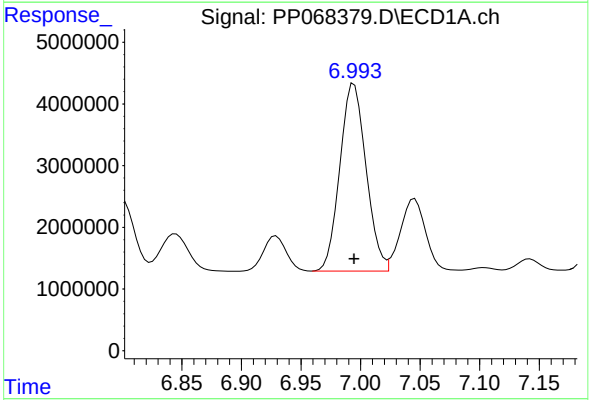
R.T.: 6.777 min
Delta R.T.: 0.001 min
Response: 45015365
Conc: 957.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



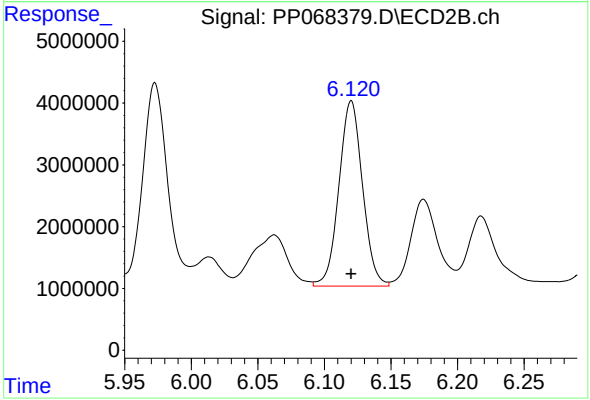
#26 AR-1254-1

R.T.: 5.973 min
Delta R.T.: 0.000 min
Response: 43052180
Conc: 747.95 ng/ml



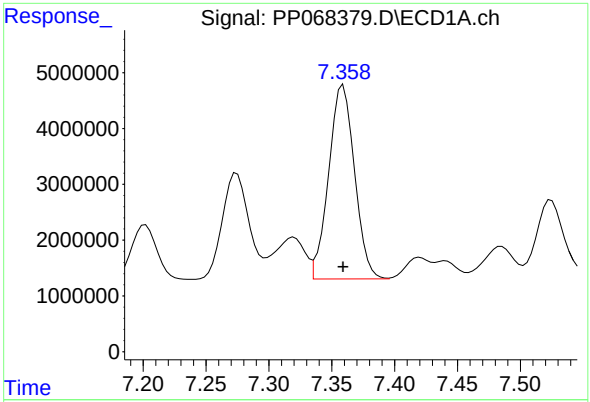
#27 AR-1254-2

R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 46567486
Conc: 739.65 ng/ml



#27 AR-1254-2

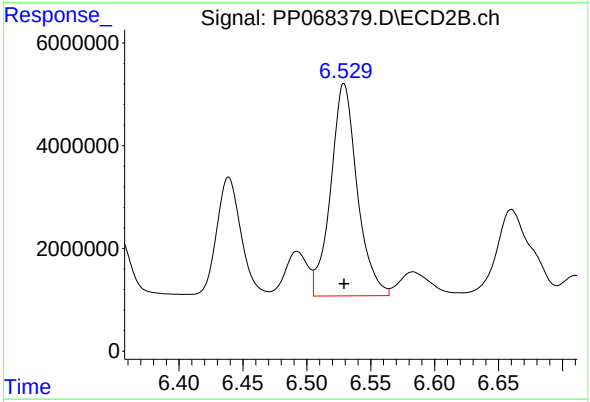
R.T.: 6.120 min
Delta R.T.: 0.000 min
Response: 37049264
Conc: 739.90 ng/ml



#28 AR-1254-3

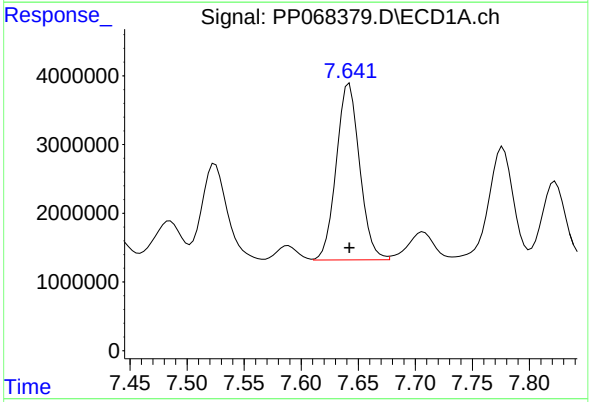
R.T.: 7.359 min
Delta R.T.: 0.000 min
Response: 49804825
Conc: 747.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



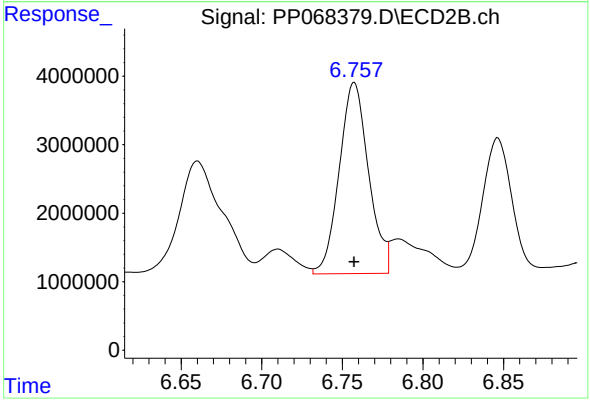
#28 AR-1254-3

R.T.: 6.529 min
Delta R.T.: 0.000 min
Response: 59696040
Conc: 741.91 ng/ml



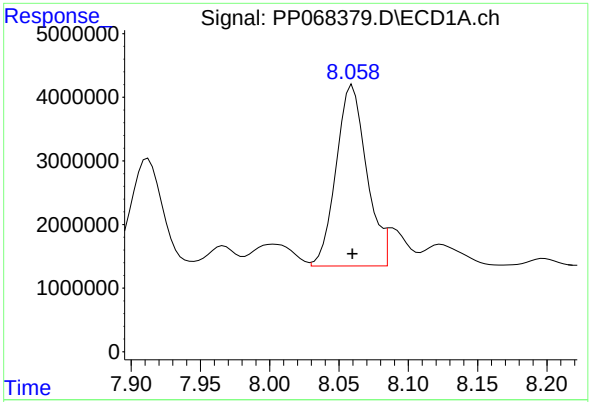
#29 AR-1254-4

R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 36562831
Conc: 747.75 ng/ml



#29 AR-1254-4

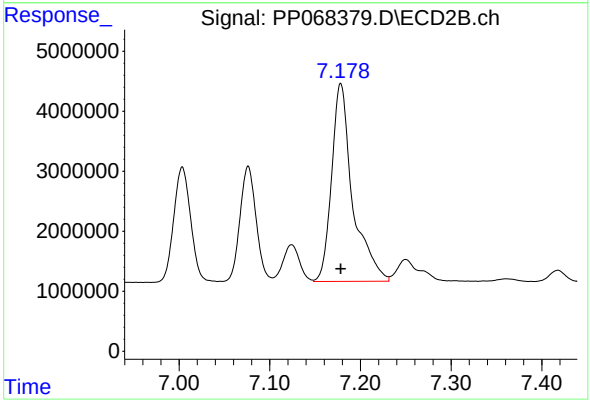
R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 35361668
Conc: 745.73 ng/ml



#30 AR-1254-5

R.T.: 8.060 min
Delta R.T.: 0.000 min
Response: 43554556
Conc: 738.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



#30 AR-1254-5

R.T.: 7.178 min
Delta R.T.: 0.000 min
Response: 53183280
Conc: 742.42 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068380.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 07:56
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: Nov 08 09:49:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 09:47:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.760	4.050	49803816	50400916	50.000	50.000
2)	SA Decachlor...	10.673	9.208	64210545	60328289	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	6.780	5.972	30909741	30305971	642.723	500.000
27)	L6 AR-1254-2	6.997	6.119	32683808	26499770	500.000	500.000
28)	L6 AR-1254-3	7.361	6.528	34241792	41857886	500.000	500.000
29)	L6 AR-1254-4	7.644	6.756	25222520	24618732	500.000	500.000
30)	L6 AR-1254-5	8.061	7.178	34281554	36850719	558.997	500.000

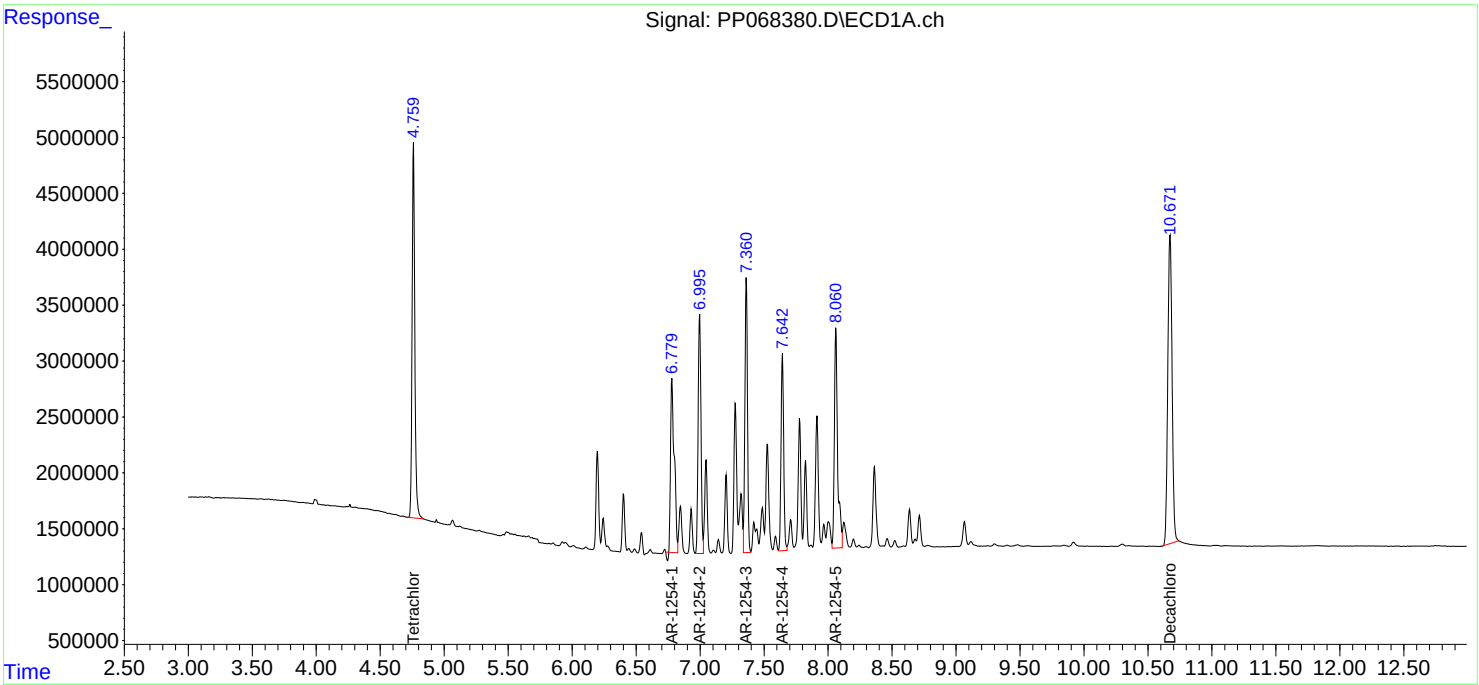
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

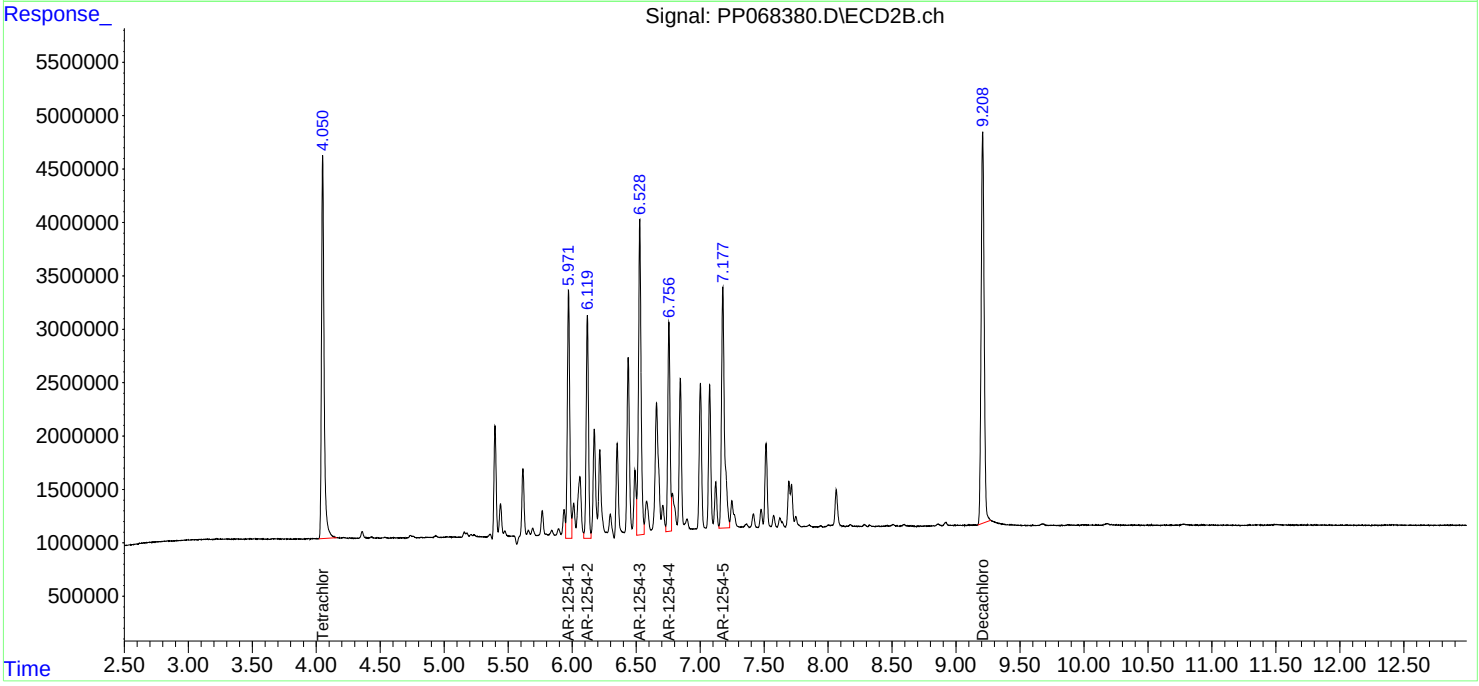
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068380.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 07:56
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

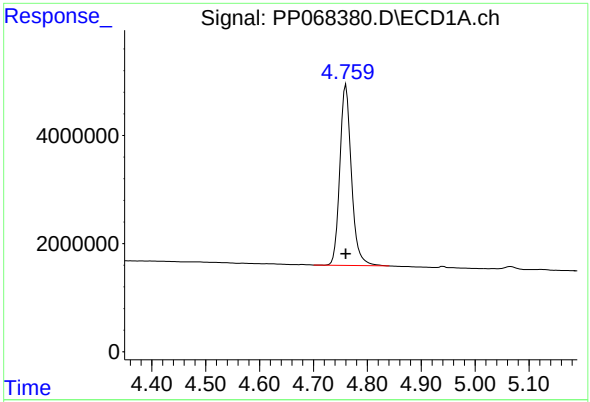
Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 09:49:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 09:47:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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



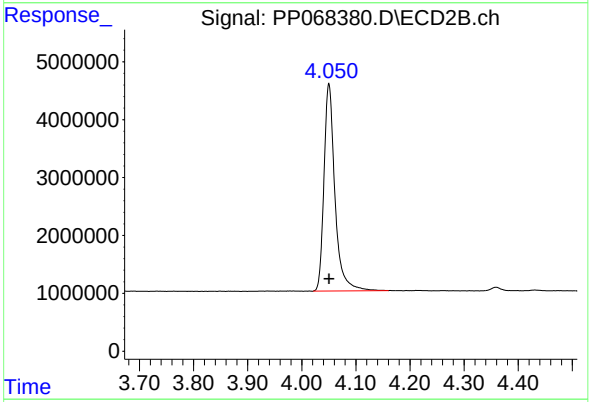




#1 Tetrachloro-m-xylene

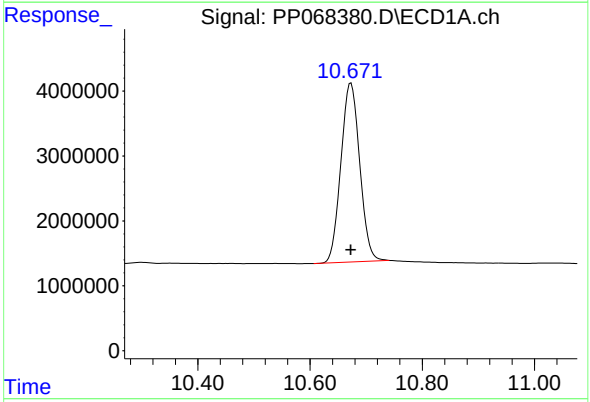
R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 49803816
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



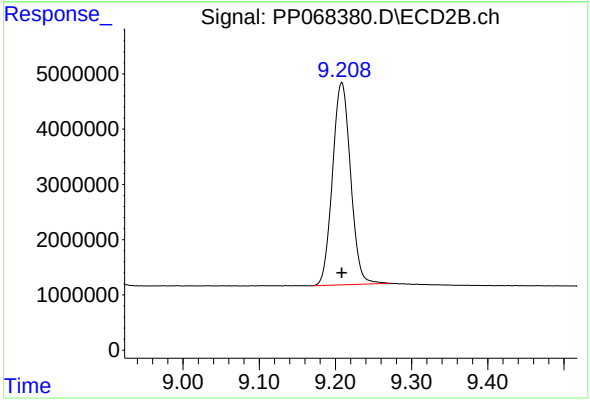
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 50400916
Conc: 50.00 ng/ml



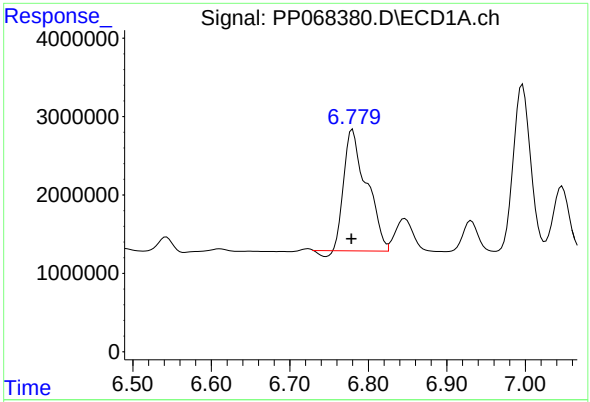
#2 Decachlorobiphenyl

R.T.: 10.673 min
Delta R.T.: 0.000 min
Response: 64210545
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

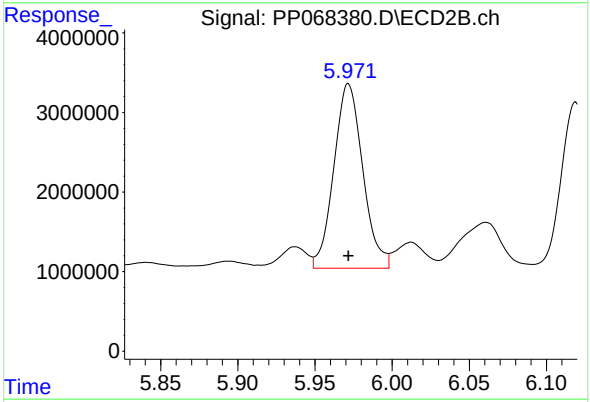
R.T.: 9.208 min
Delta R.T.: 0.000 min
Response: 60328289
Conc: 50.00 ng/ml



#26 AR-1254-1

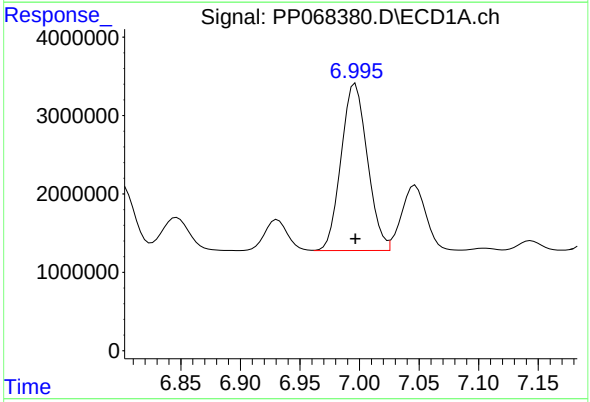
R.T.: 6.780 min
Delta R.T.: 0.001 min
Response: 30909741
Conc: 642.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



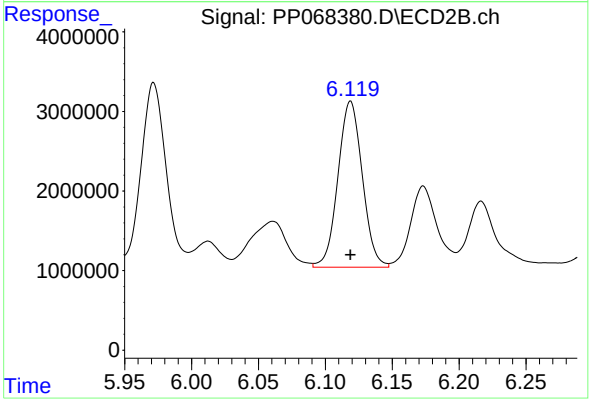
#26 AR-1254-1

R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 30305971
Conc: 500.00 ng/ml



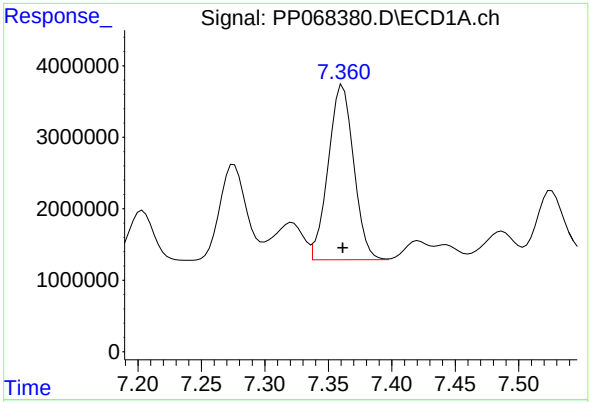
#27 AR-1254-2

R.T.: 6.997 min
Delta R.T.: 0.000 min
Response: 32683808
Conc: 500.00 ng/ml



#27 AR-1254-2

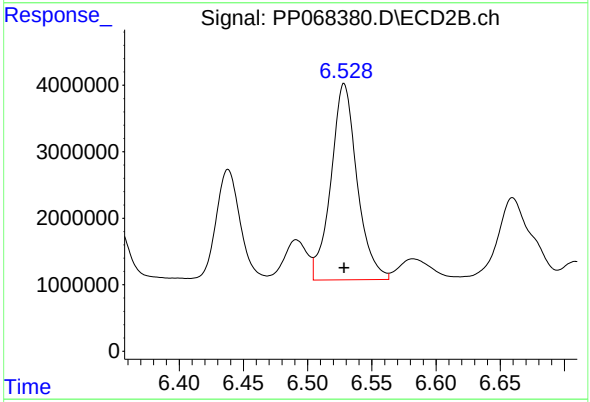
R.T.: 6.119 min
Delta R.T.: 0.000 min
Response: 26499770
Conc: 500.00 ng/ml



#28 AR-1254-3

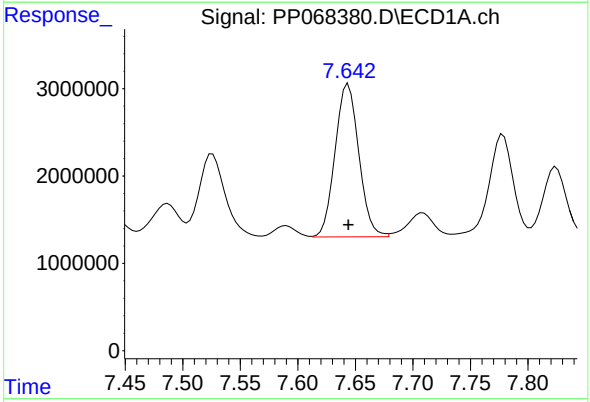
R.T.: 7.361 min
Delta R.T.: 0.000 min
Response: 34241792
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



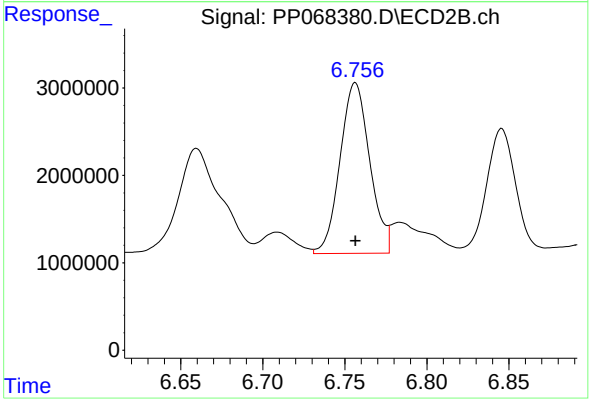
#28 AR-1254-3

R.T.: 6.528 min
Delta R.T.: 0.000 min
Response: 41857886
Conc: 500.00 ng/ml



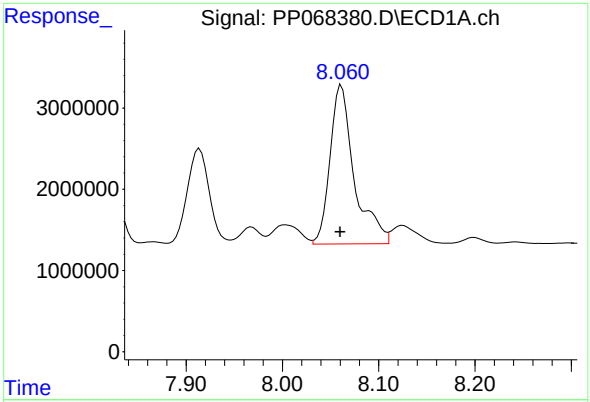
#29 AR-1254-4

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 25222520
Conc: 500.00 ng/ml



#29 AR-1254-4

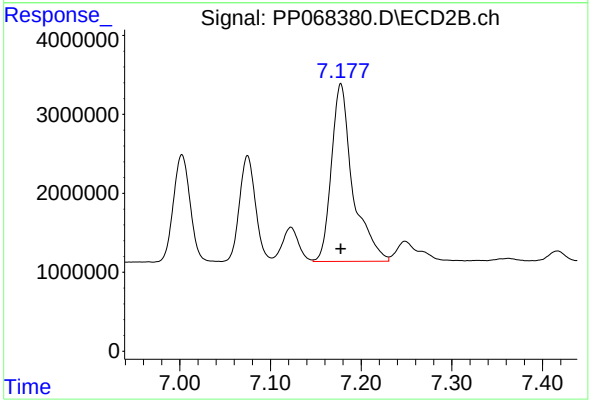
R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 24618732
Conc: 500.00 ng/ml



#30 AR-1254-5

R.T.: 8.061 min
Delta R.T.: 0.001 min
Response: 34281554
Conc: 559.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



#30 AR-1254-5

R.T.: 7.178 min
Delta R.T.: 0.000 min
Response: 36850719
Conc: 500.00 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068381.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 08:12
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: Nov 08 10:00:20 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 09:47:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.756	4.050	25527214	25969085	25.646	25.973
2)	SA Decachlor...	10.669	9.208	34770940	31662767	27.431	26.947
	Target Compounds						
26)	L6 AR-1254-1	6.775	5.972	17343787	17726243	352.272	291.089
27)	L6 AR-1254-2	6.992	6.119	18308771	15268489	279.404	289.048
28)	L6 AR-1254-3	7.357	6.528	19166837	23028807	277.214	276.206
29)	L6 AR-1254-4	7.640	6.756	14778004	13374714	287.226	273.294
30)	L6 AR-1254-5	8.058	7.177	18668664	19103933	305.587	262.308

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

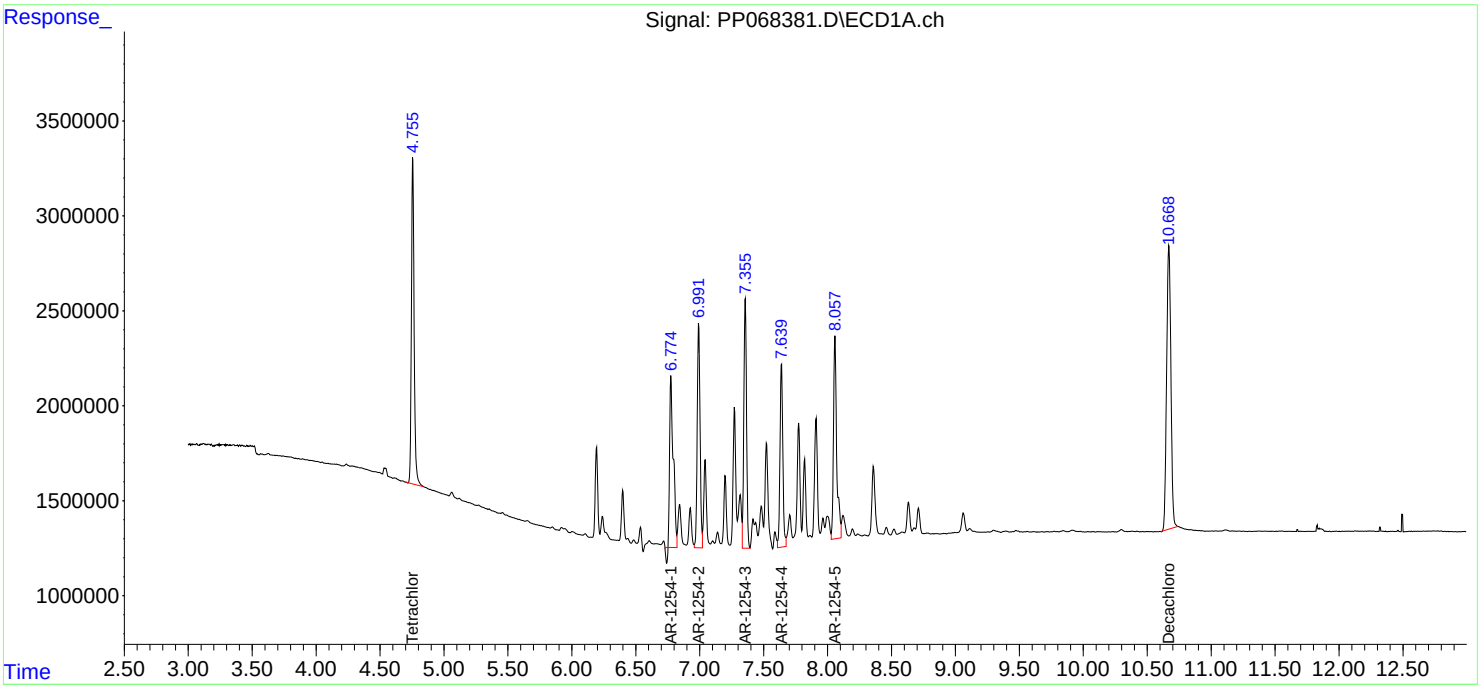
Quantitation Report (Not Reviewed)

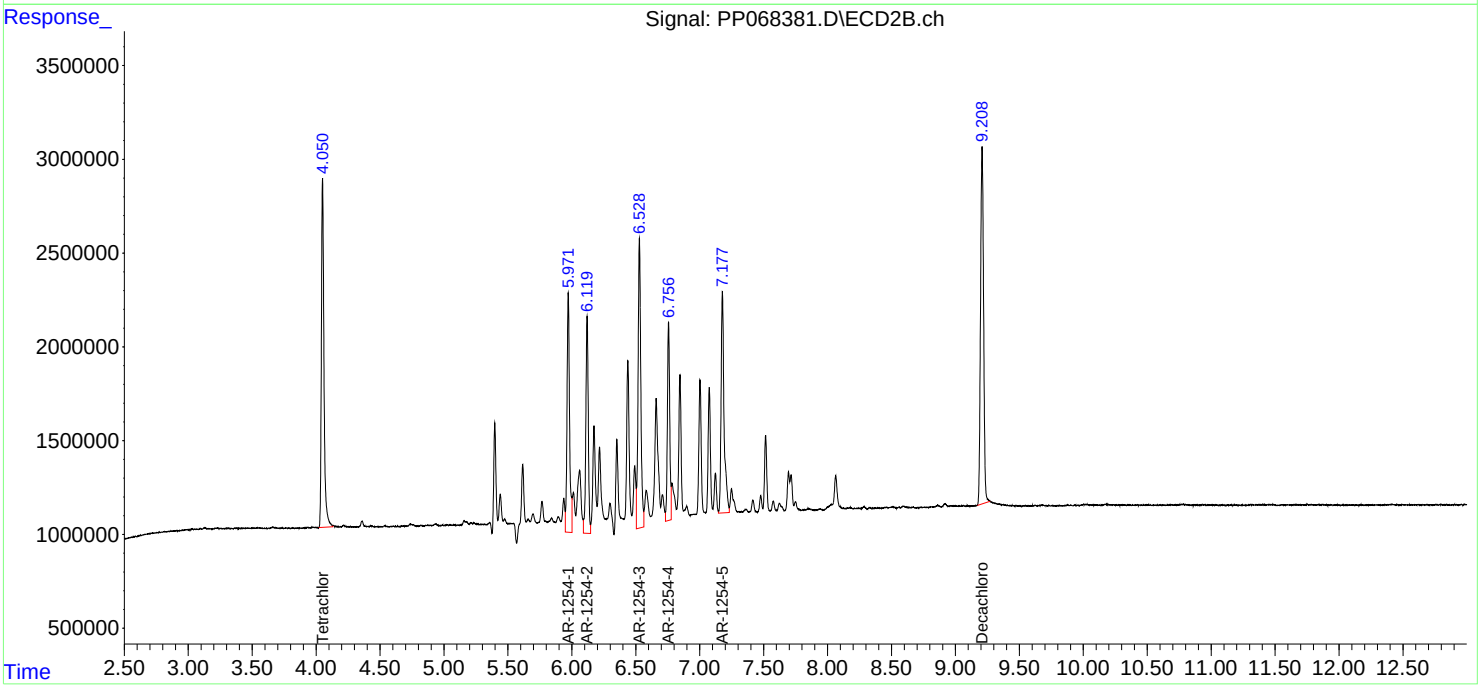
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068381.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 08:12
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

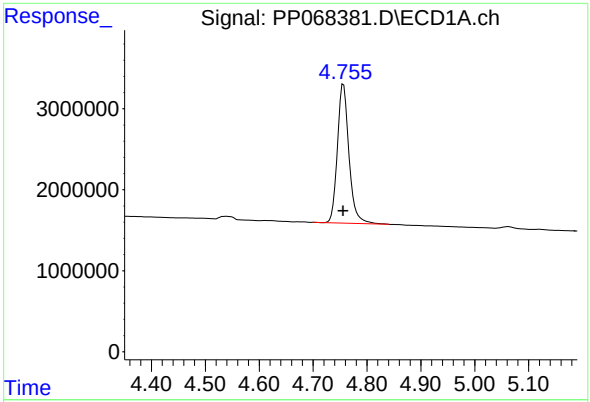
Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 10:00:20 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 09:47:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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



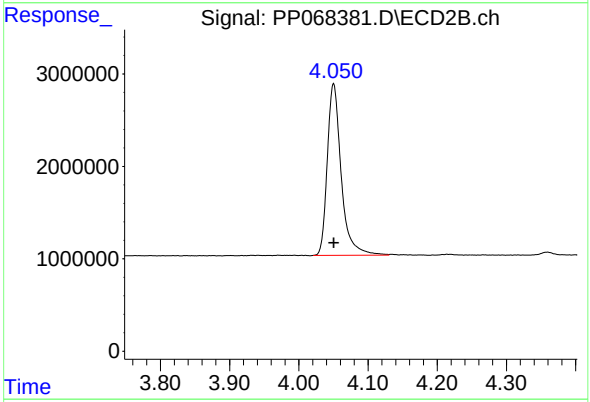




#1 Tetrachloro-m-xylene

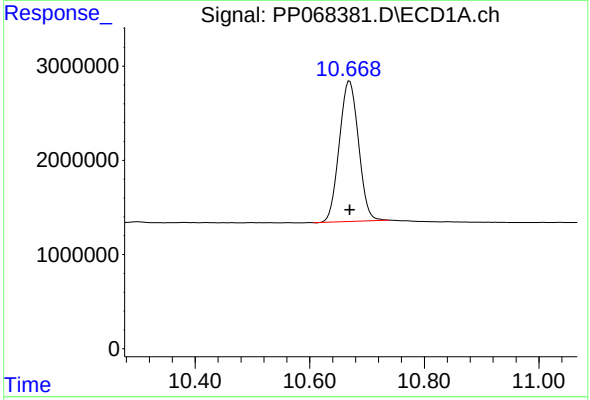
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 25527214
Conc: 25.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



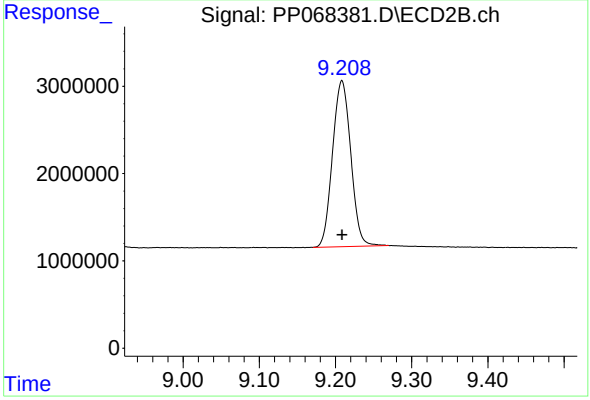
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 25969085
Conc: 25.97 ng/ml



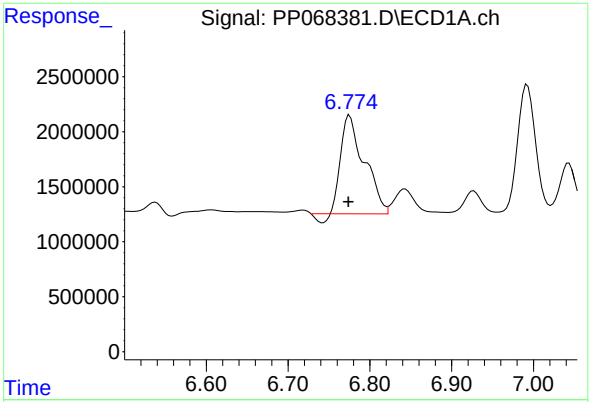
#2 Decachlorobiphenyl

R.T.: 10.669 min
Delta R.T.: 0.000 min
Response: 34770940
Conc: 27.43 ng/ml



#2 Decachlorobiphenyl

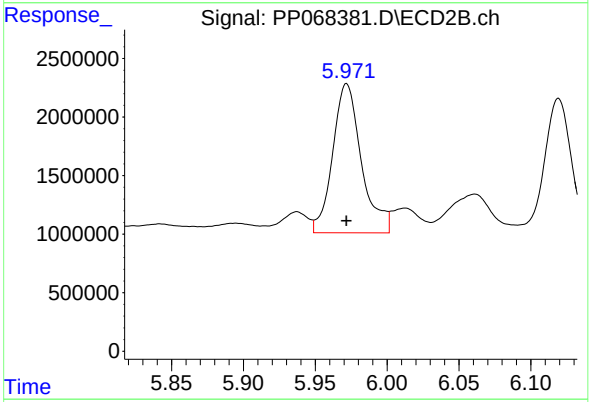
R.T.: 9.208 min
Delta R.T.: 0.000 min
Response: 31662767
Conc: 26.95 ng/ml



#26 AR-1254-1

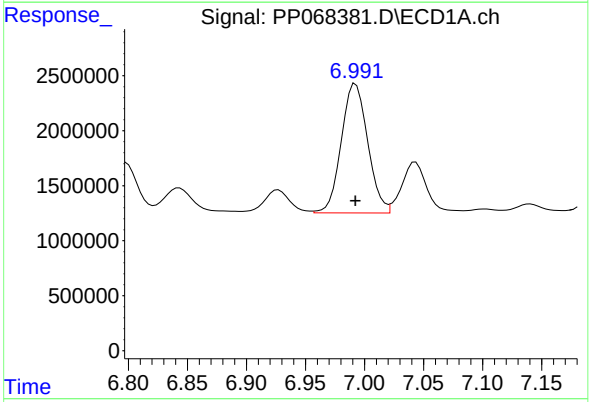
R.T.: 6.775 min
Delta R.T.: 0.001 min
Response: 17343787
Conc: 352.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



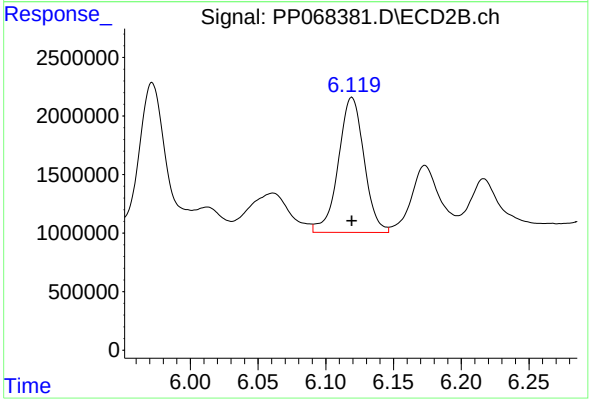
#26 AR-1254-1

R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 17726243
Conc: 291.09 ng/ml



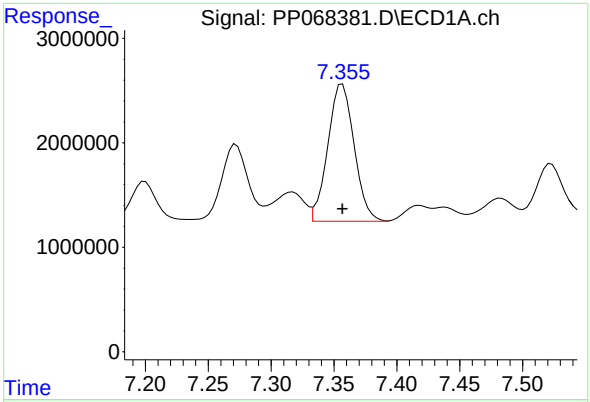
#27 AR-1254-2

R.T.: 6.992 min
Delta R.T.: 0.000 min
Response: 18308771
Conc: 279.40 ng/ml



#27 AR-1254-2

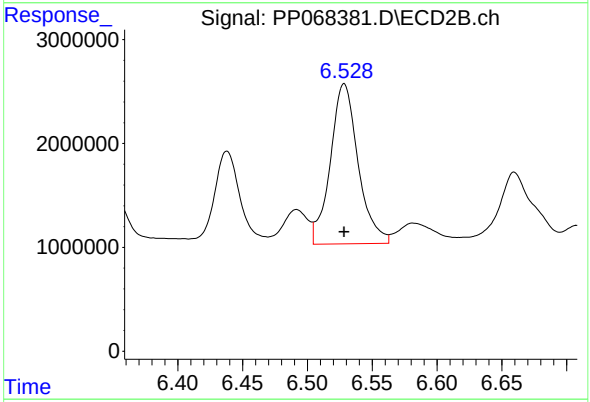
R.T.: 6.119 min
Delta R.T.: 0.000 min
Response: 15268489
Conc: 289.05 ng/ml



#28 AR-1254-3

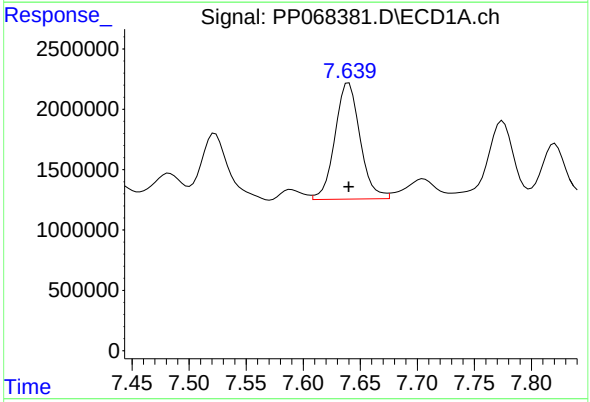
R.T.: 7.357 min
Delta R.T.: 0.000 min
Response: 19166837
Conc: 277.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



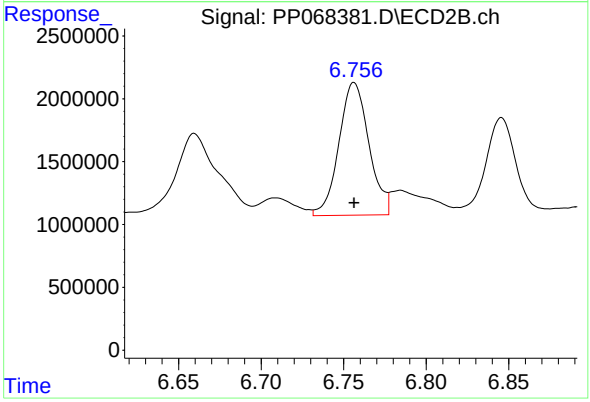
#28 AR-1254-3

R.T.: 6.528 min
Delta R.T.: 0.000 min
Response: 23028807
Conc: 276.21 ng/ml



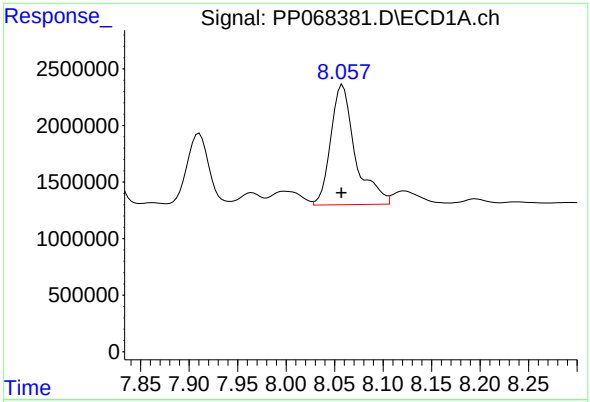
#29 AR-1254-4

R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 14778004
Conc: 287.23 ng/ml



#29 AR-1254-4

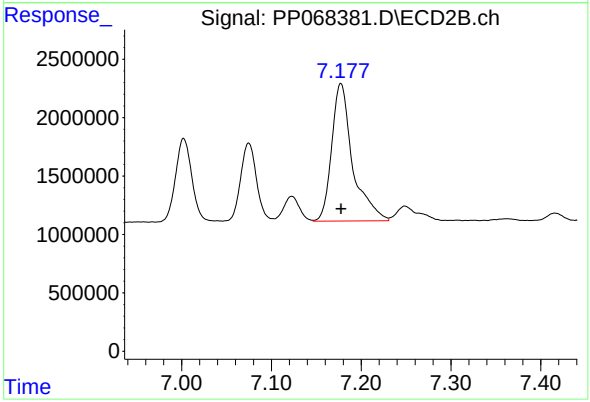
R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 13374714
Conc: 273.29 ng/ml



#30 AR-1254-5

R.T.: 8.058 min
Delta R.T.: 0.001 min
Response: 18668664
Conc: 305.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



#30 AR-1254-5

R.T.: 7.177 min
Delta R.T.: 0.000 min
Response: 19103933
Conc: 262.31 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068382.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 08:28
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: Nov 08 10:04:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 09:47:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.756	4.050	4943066	4296426	4.973	4.421
2)	SA Decachlor...	10.672	9.209	6884954	6394579	5.339	5.348
	Target Compounds						
26)	L6 AR-1254-1	6.776	5.972	3708378	3847843	70.851	63.214
27)	L6 AR-1254-2	6.993	6.119	3953788	3719422	57.942	70.293
28)	L6 AR-1254-3	7.358	6.528	4669463	5505849	65.874	66.520
29)	L6 AR-1254-4	7.641	6.757	4711132	2884001	86.863	59.837 #
30)	L6 AR-1254-5	8.059	7.178	4154302	4092382	66.188	54.833

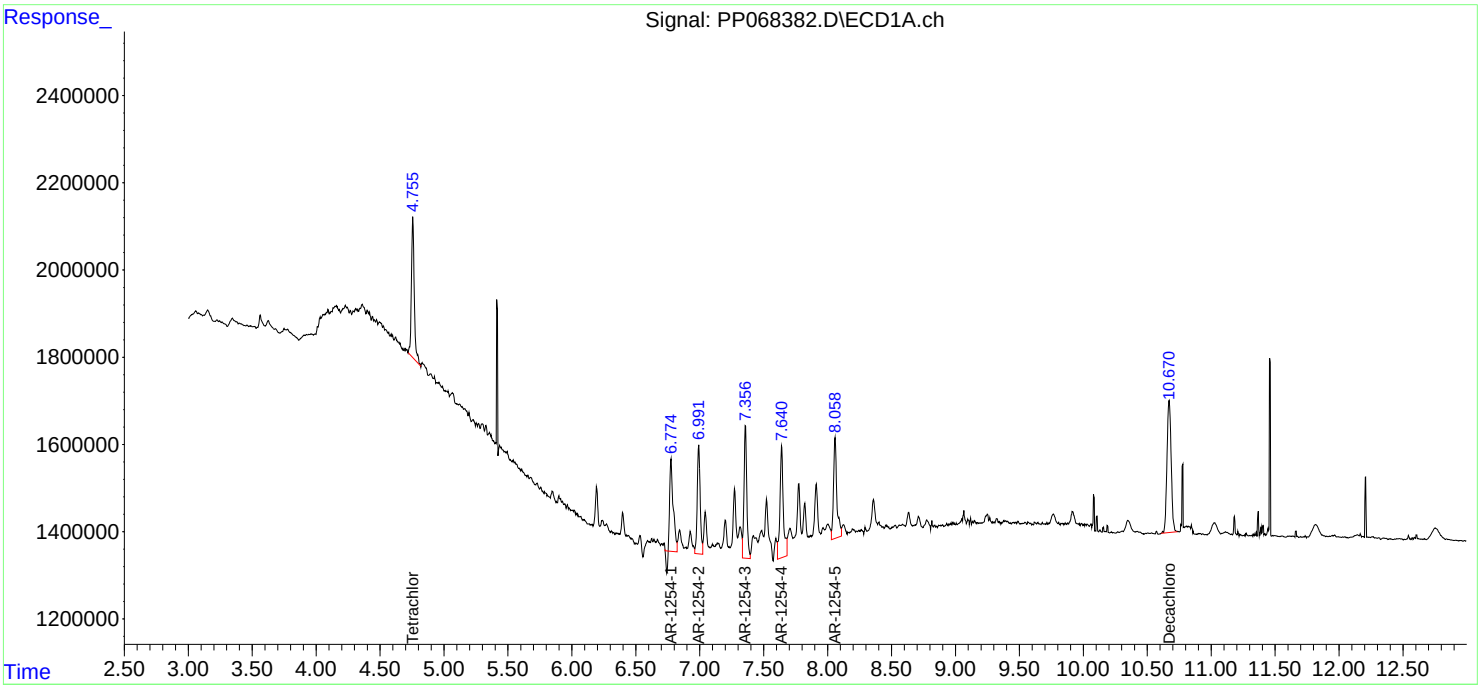
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

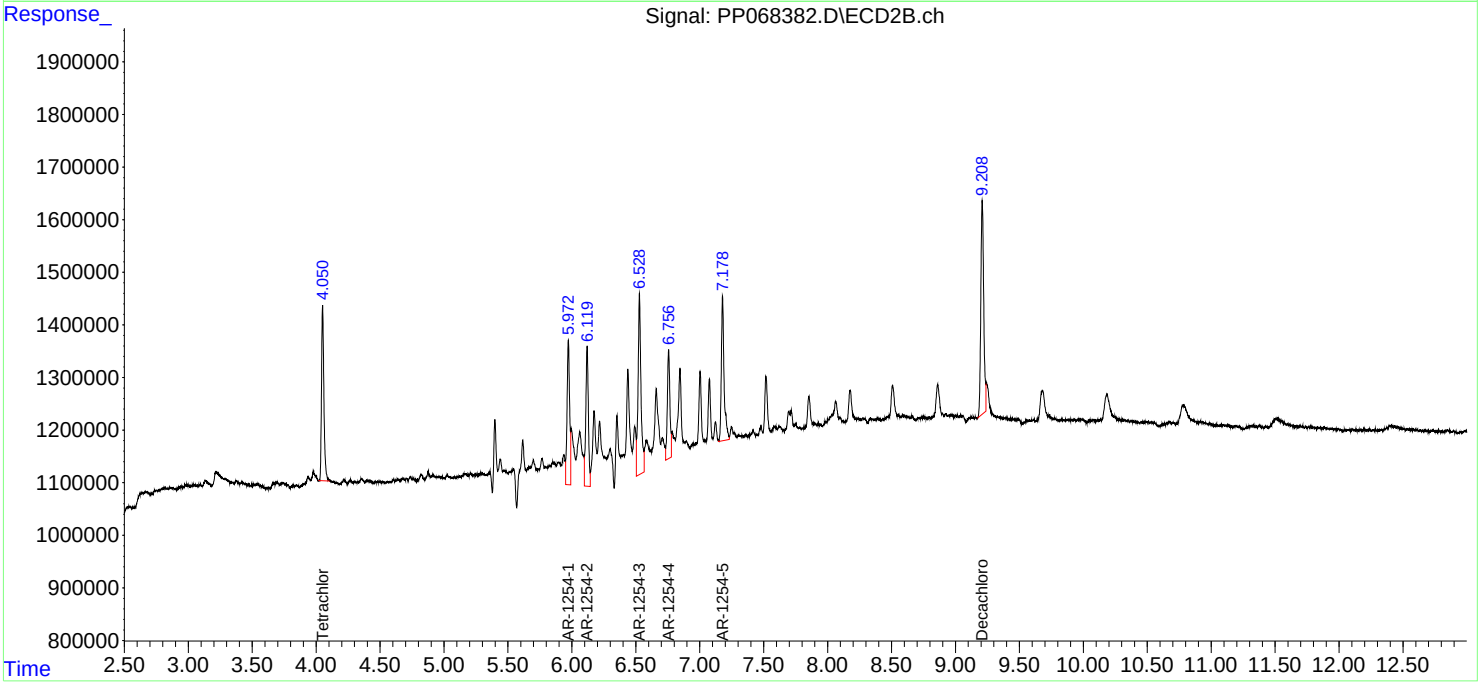
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068382.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 08:28
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

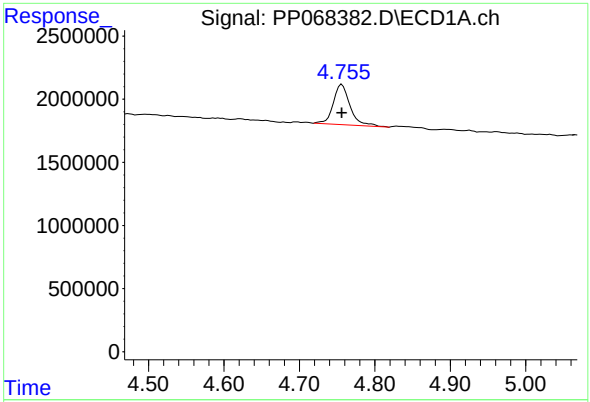
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 10:04:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 09:47:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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



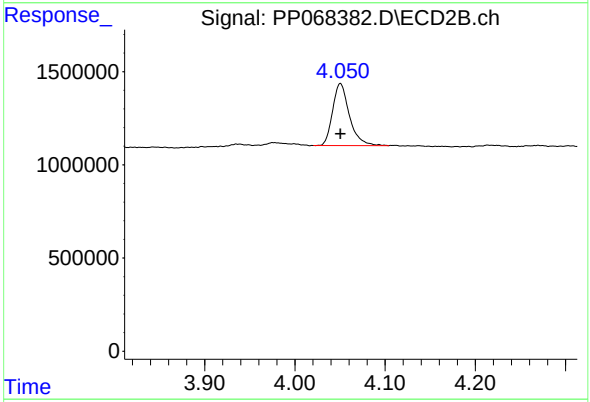




#1 Tetrachloro-m-xylene

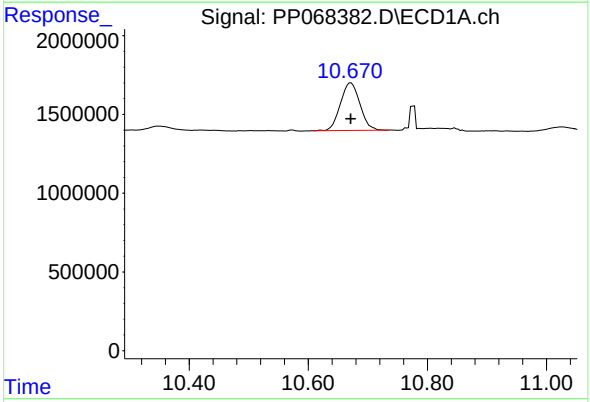
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 4943066
Conc: 4.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



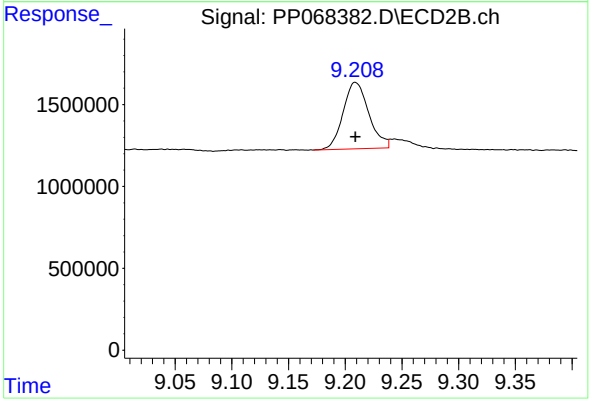
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 4296426
Conc: 4.42 ng/ml



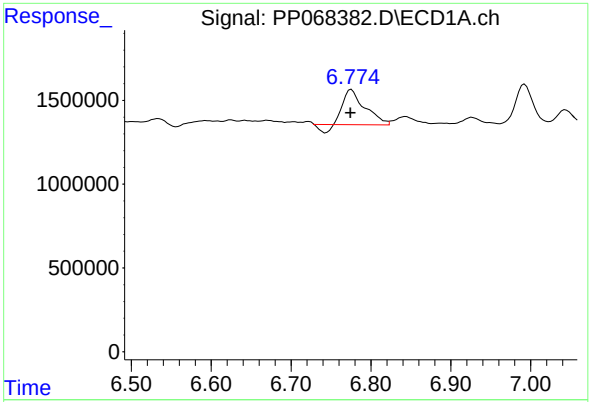
#2 Decachlorobiphenyl

R.T.: 10.672 min
Delta R.T.: 0.000 min
Response: 6884954
Conc: 5.34 ng/ml



#2 Decachlorobiphenyl

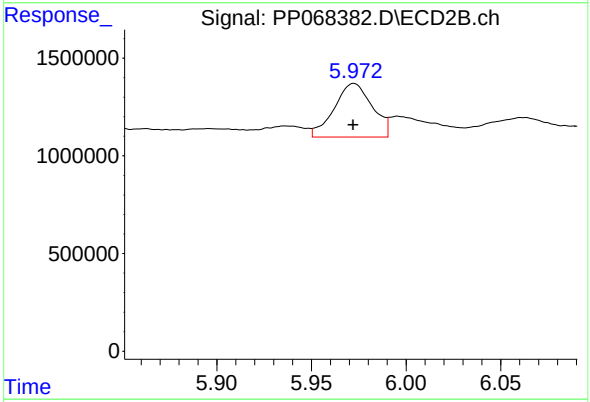
R.T.: 9.209 min
Delta R.T.: 0.000 min
Response: 6394579
Conc: 5.35 ng/ml



#26 AR-1254-1

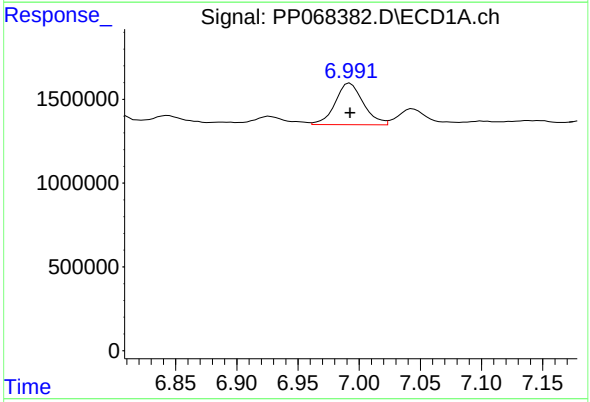
R.T.: 6.776 min
Delta R.T.: 0.001 min
Response: 3708378
Conc: 70.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



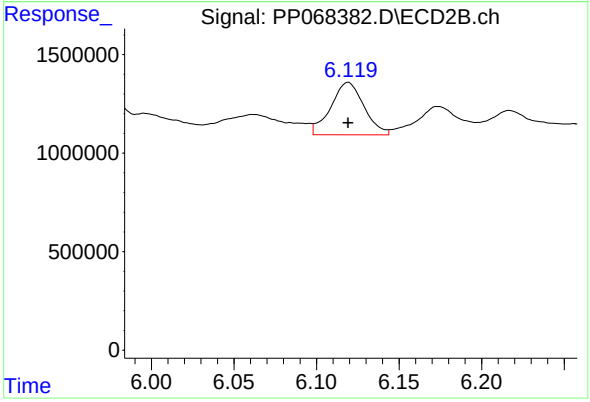
#26 AR-1254-1

R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 3847843
Conc: 63.21 ng/ml



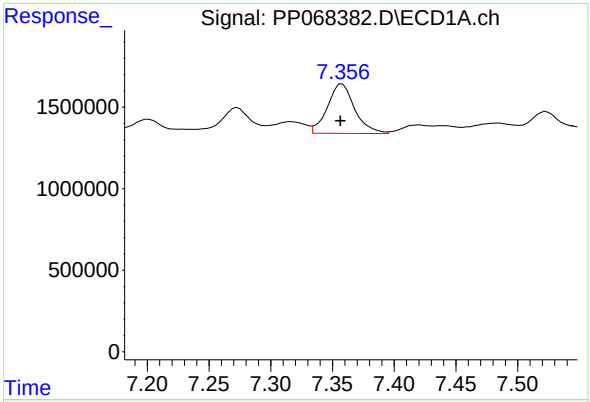
#27 AR-1254-2

R.T.: 6.993 min
Delta R.T.: 0.000 min
Response: 3953788
Conc: 57.94 ng/ml



#27 AR-1254-2

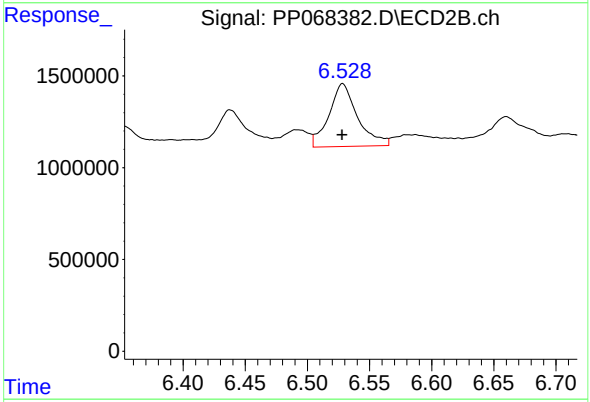
R.T.: 6.119 min
Delta R.T.: 0.000 min
Response: 3719422
Conc: 70.29 ng/ml



#28 AR-1254-3

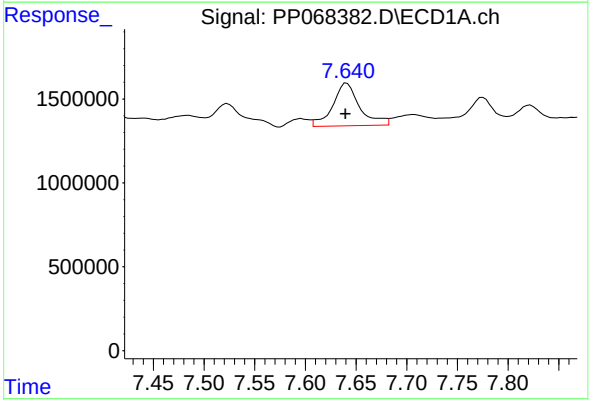
R.T.: 7.358 min
Delta R.T.: 0.001 min
Response: 4669463
Conc: 65.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



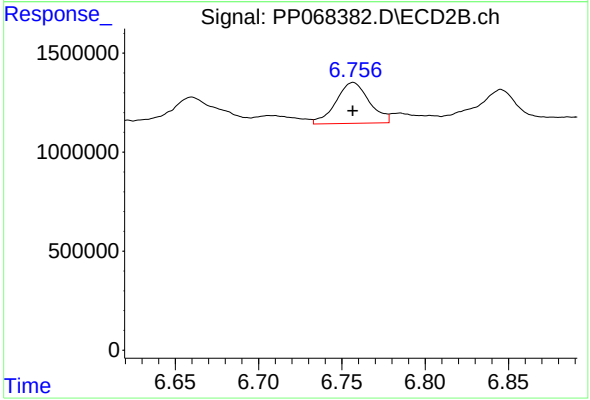
#28 AR-1254-3

R.T.: 6.528 min
Delta R.T.: 0.000 min
Response: 5505849
Conc: 66.52 ng/ml



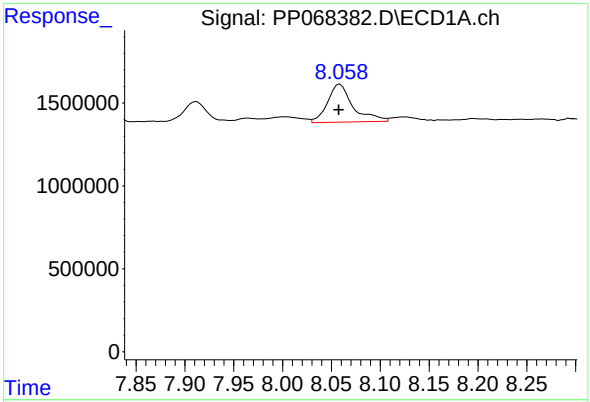
#29 AR-1254-4

R.T.: 7.641 min
Delta R.T.: 0.002 min
Response: 4711132
Conc: 86.86 ng/ml



#29 AR-1254-4

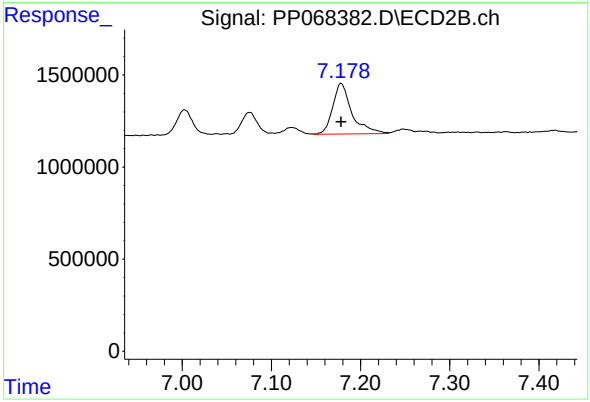
R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 2884001
Conc: 59.84 ng/ml



#30 AR-1254-5

R.T.: 8.059 min
Delta R.T.: 0.001 min
Response: 4154302
Conc: 66.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



#30 AR-1254-5

R.T.: 7.178 min
Delta R.T.: 0.000 min
Response: 4092382
Conc: 54.83 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068384.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 09:01
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: Nov 08 10:15:31 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 10:12:44 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.755	4.050	99980200	97346974	97.667	98.541
2)	SA Decachlor...	10.667	9.207	194.9E6	182.2E6	96.595	97.507
	Target Compounds						
41)	L9 AR-1268-1	9.046	8.001	148.0E6	151.3E6	969.005	983.758
42)	L9 AR-1268-2	9.146	8.066	135.1E6	137.7E6	969.186	981.952
43)	L9 AR-1268-3	9.397	8.285	116.9E6	120.3E6	945.199	977.216
44)	L9 AR-1268-4	9.843	8.592	55813556	53869021	983.009	969.445
45)	L9 AR-1268-5	10.294	8.918	385.9E6	373.7E6	981.087	989.050

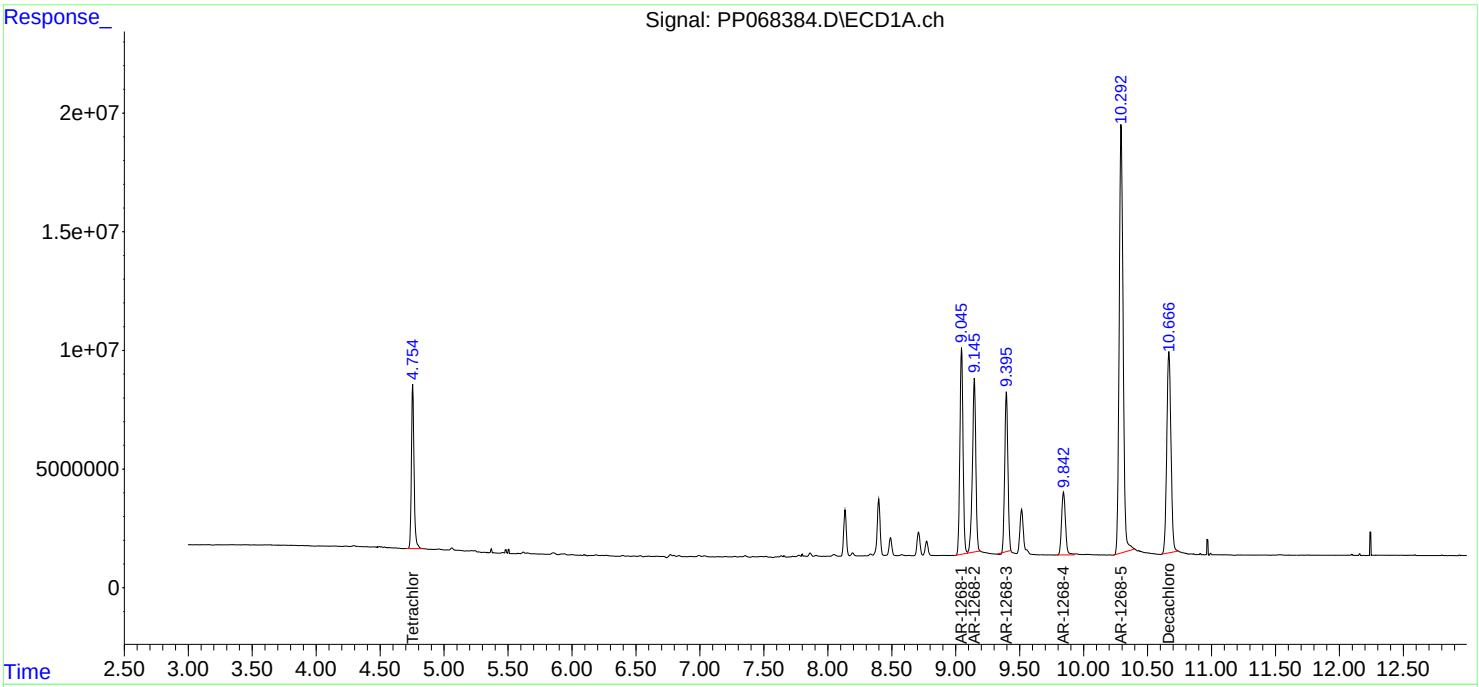
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

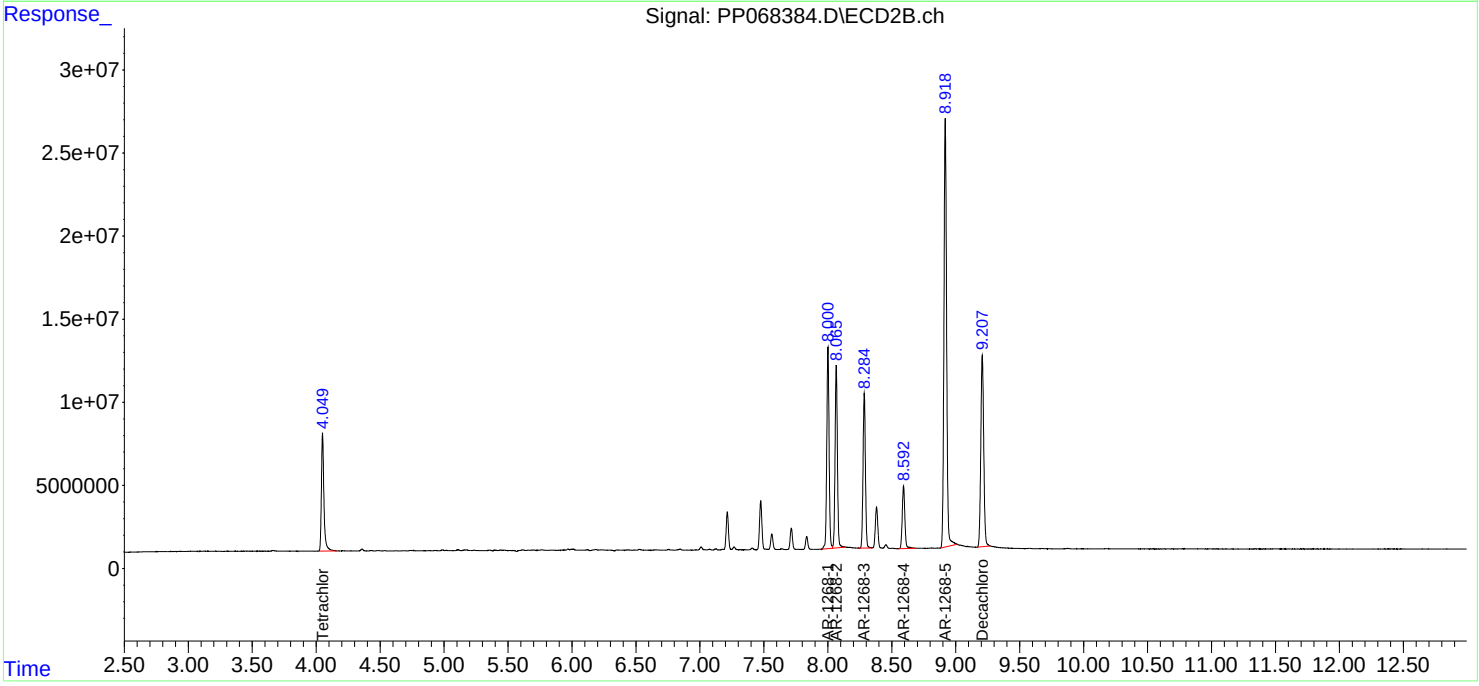
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068384.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 09:01
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

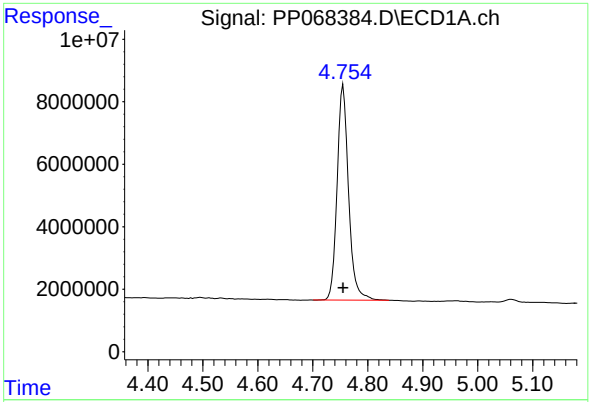
Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 10:15:31 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 10:12:44 2024
Response via : Initial Calibration
Integrator: ChemStation

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



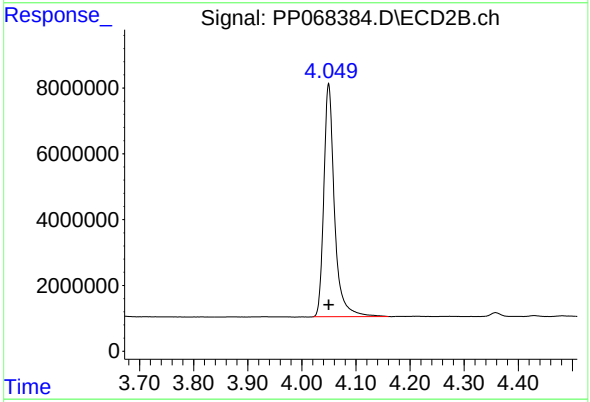




#1 Tetrachloro-m-xylene

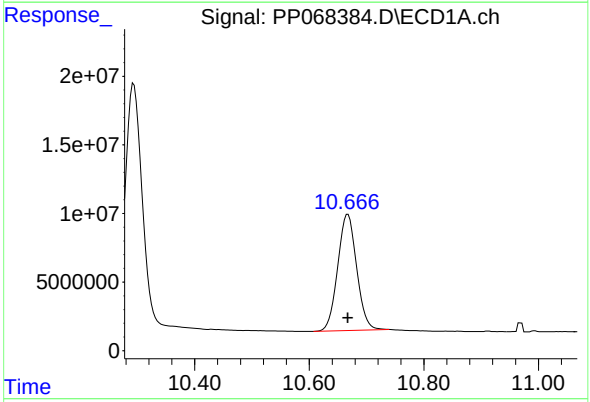
R.T.: 4.755 min
Delta R.T.: 0.000 min
Response: 99980200
Conc: 97.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



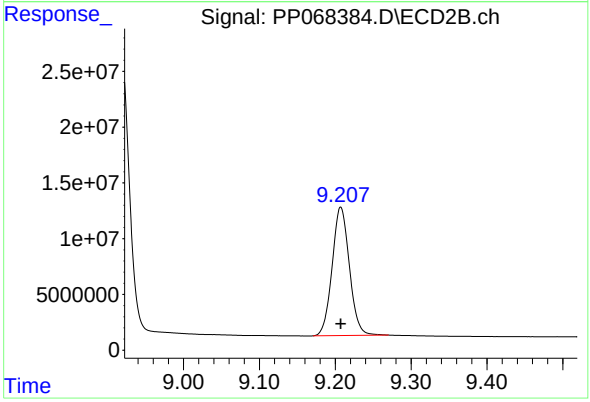
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 97346974
Conc: 98.54 ng/ml



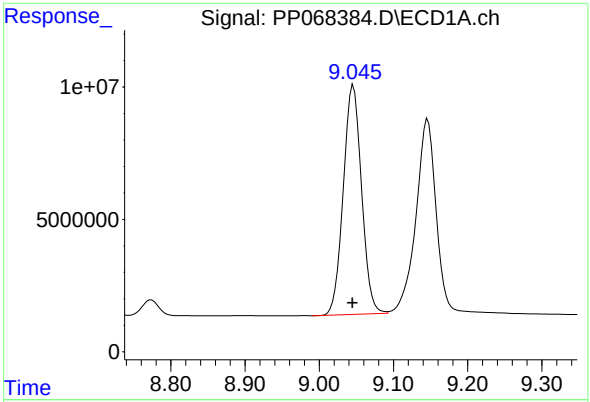
#2 Decachlorobiphenyl

R.T.: 10.667 min
Delta R.T.: 0.000 min
Response: 194921265
Conc: 96.60 ng/ml



#2 Decachlorobiphenyl

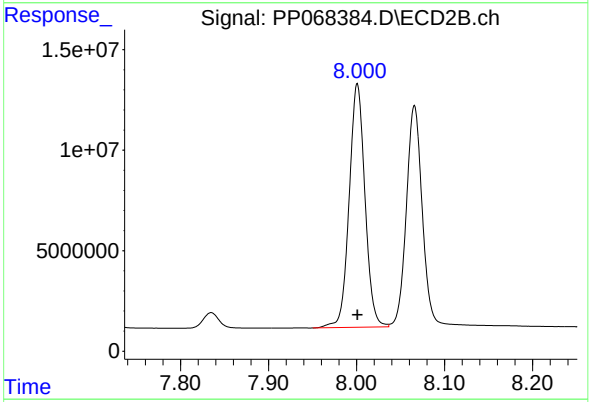
R.T.: 9.207 min
Delta R.T.: 0.000 min
Response: 182247910
Conc: 97.51 ng/ml



#41 AR-1268-1

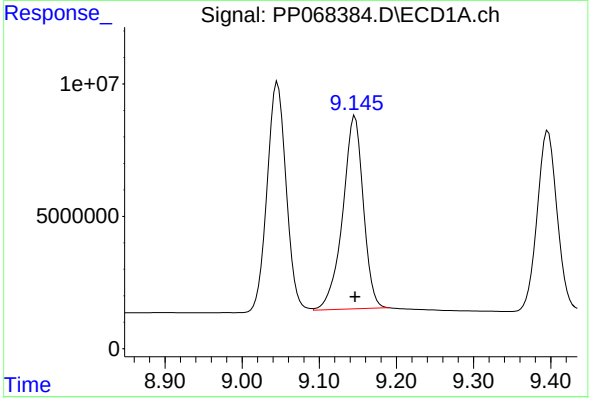
R.T.: 9.046 min
Delta R.T.: 0.001 min
Response: 147961888
Conc: 969.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



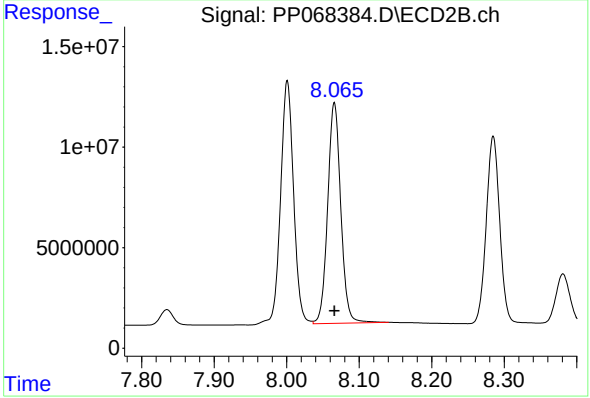
#41 AR-1268-1

R.T.: 8.001 min
Delta R.T.: 0.000 min
Response: 151267885
Conc: 983.76 ng/ml



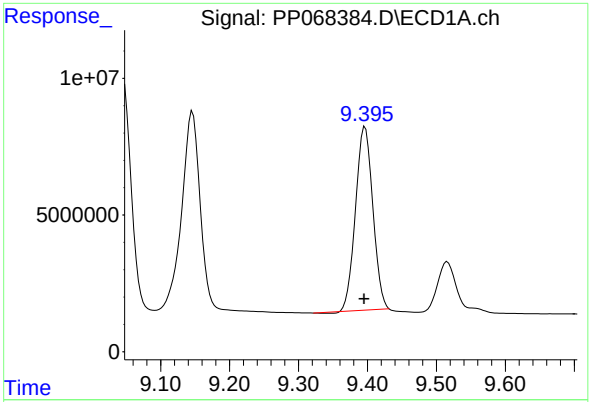
#42 AR-1268-2

R.T.: 9.146 min
Delta R.T.: 0.000 min
Response: 135127060
Conc: 969.19 ng/ml



#42 AR-1268-2

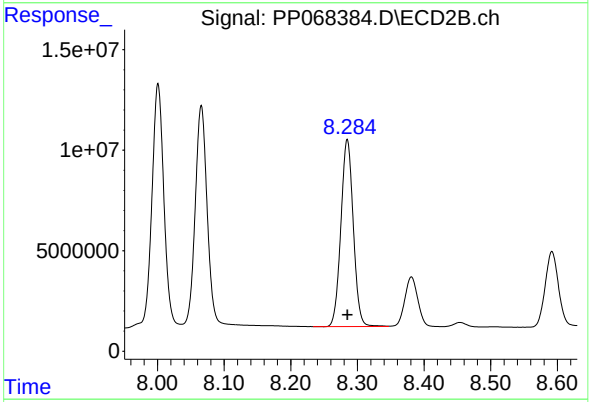
R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 137742491
Conc: 981.95 ng/ml



#43 AR-1268-3

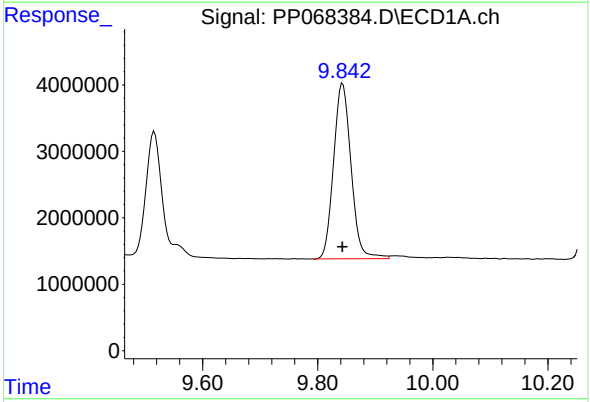
R.T.: 9.397 min
Delta R.T.: 0.001 min
Response: 116867189
Conc: 945.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



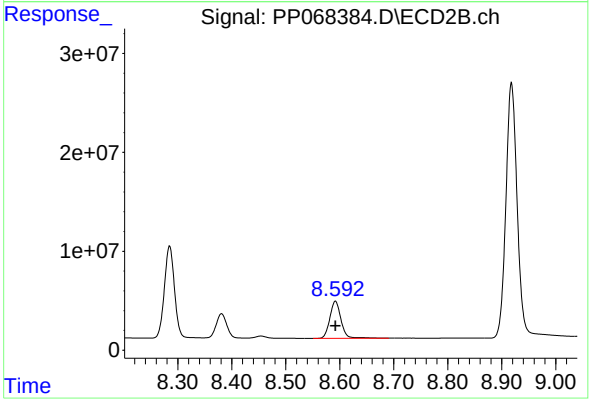
#43 AR-1268-3

R.T.: 8.285 min
Delta R.T.: 0.000 min
Response: 120301473
Conc: 977.22 ng/ml



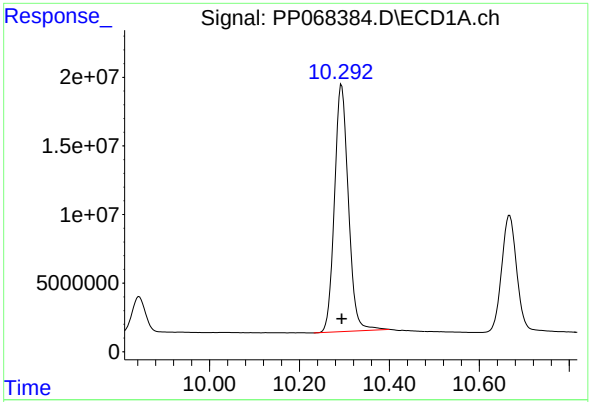
#44 AR-1268-4

R.T.: 9.843 min
Delta R.T.: 0.000 min
Response: 55813556
Conc: 983.01 ng/ml



#44 AR-1268-4

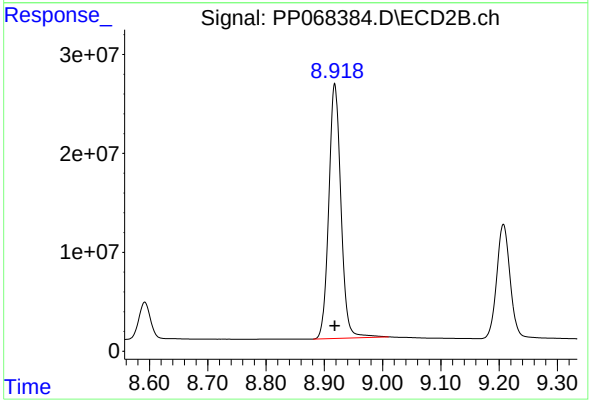
R.T.: 8.592 min
Delta R.T.: 0.000 min
Response: 53869021
Conc: 969.45 ng/ml



#45 AR-1268-5

R.T.: 10.294 min
Delta R.T.: 0.000 min
Response: 385860144
Conc: 981.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



#45 AR-1268-5

R.T.: 8.918 min
Delta R.T.: 0.000 min
Response: 373667244
Conc: 989.05 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068385.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 09:17
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: Nov 08 10:18:04 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 10:12:44 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.759	4.050	73623477	72510942	72.918	73.926
2)	SA Decachlor...	10.672	9.208	146.7E6	139.8E6	73.456	74.853
	Target Compounds						
41)	L9 AR-1268-1	9.050	8.001	111.4E6	115.0E6	735.846	748.529
42)	L9 AR-1268-2	9.150	8.066	101.9E6	104.6E6	736.936	747.332
43)	L9 AR-1268-3	9.401	8.285	84804069	91785879	688.748	747.049
44)	L9 AR-1268-4	9.848	8.592	40875359	41388287	729.669	746.550
45)	L9 AR-1268-5	10.300	8.918	289.5E6	282.6E6	740.634	748.714

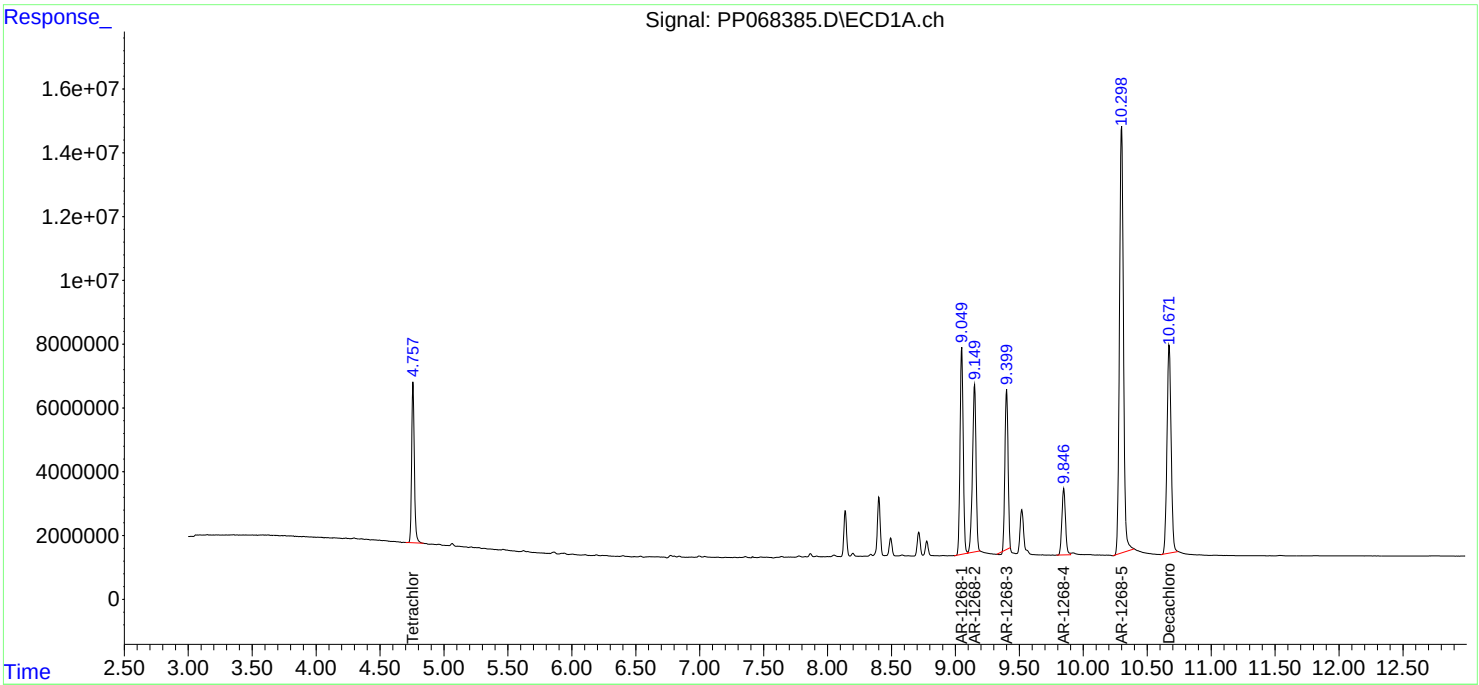
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

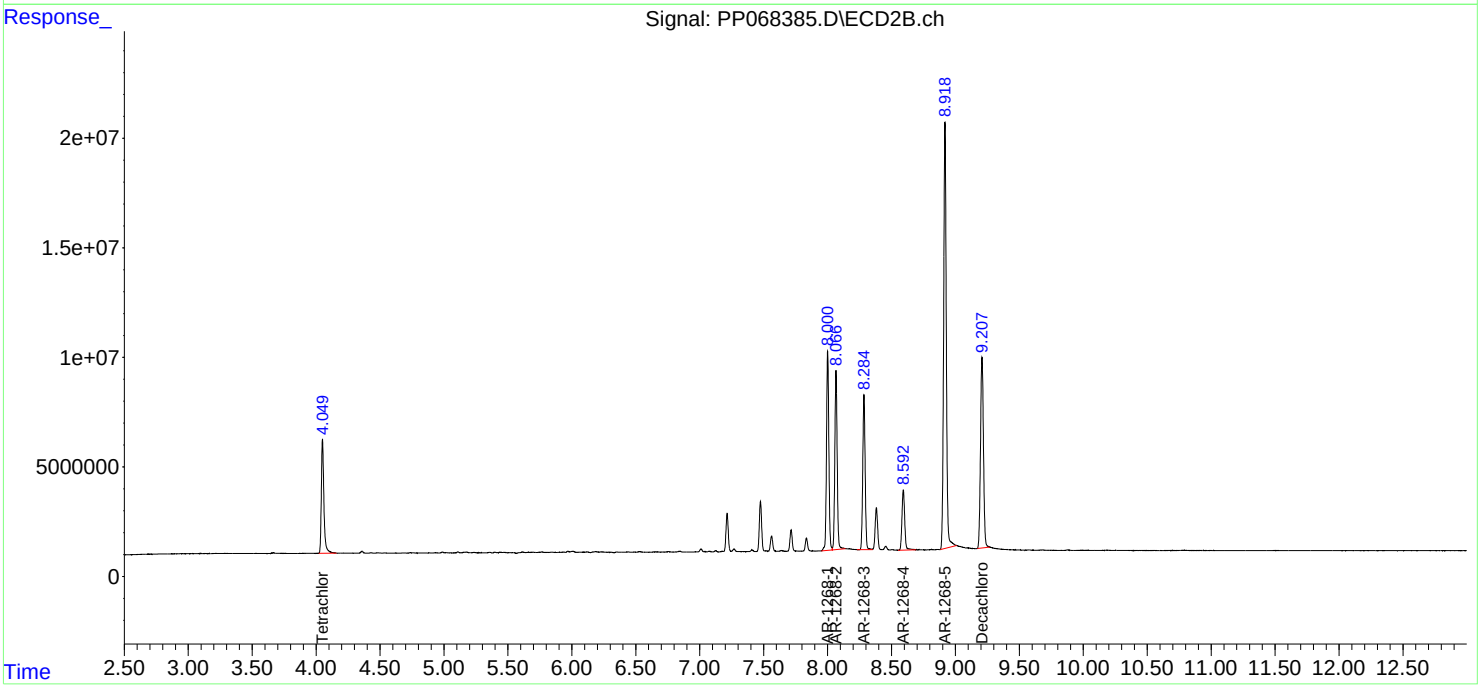
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068385.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 09:17
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

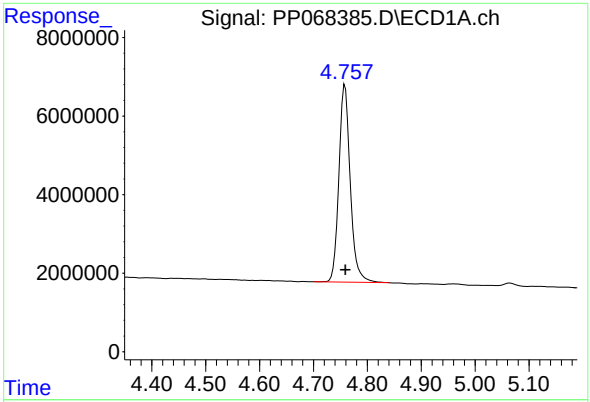
Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 10:18:04 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 10:12:44 2024
Response via : Initial Calibration
Integrator: ChemStation

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



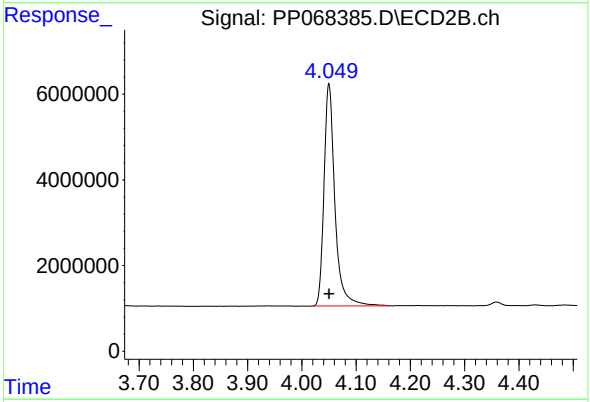




#1 Tetrachloro-m-xylene

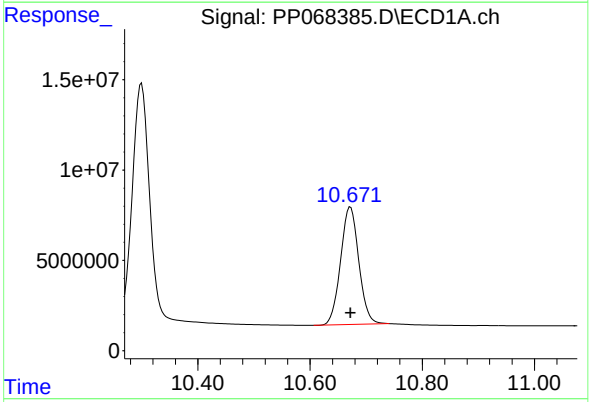
R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 73623477
Conc: 72.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



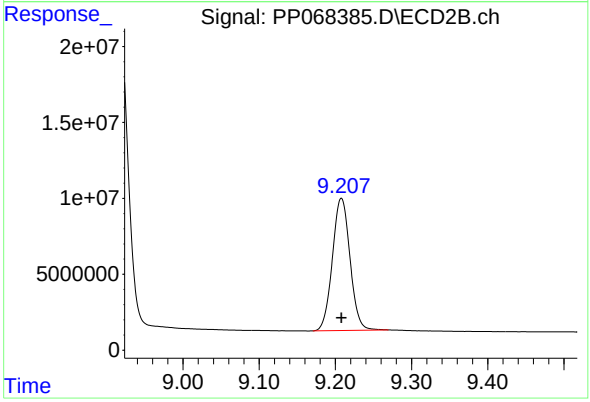
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 72510942
Conc: 73.93 ng/ml



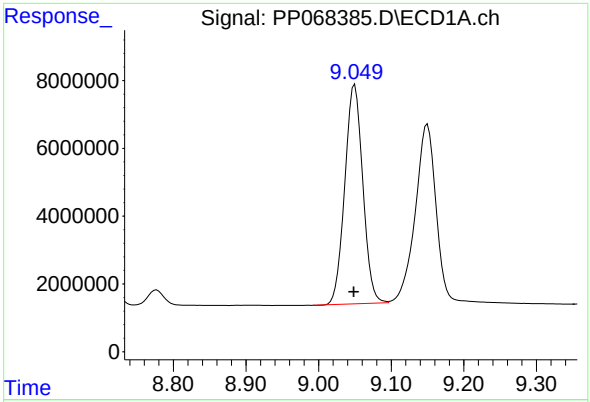
#2 Decachlorobiphenyl

R.T.: 10.672 min
Delta R.T.: 0.000 min
Response: 146718867
Conc: 73.46 ng/ml



#2 Decachlorobiphenyl

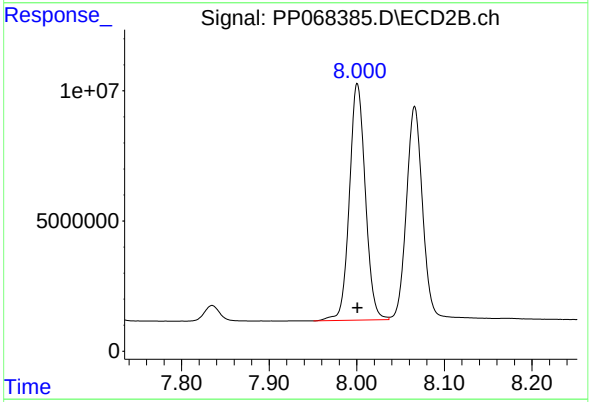
R.T.: 9.208 min
Delta R.T.: 0.000 min
Response: 139768141
Conc: 74.85 ng/ml



#41 AR-1268-1

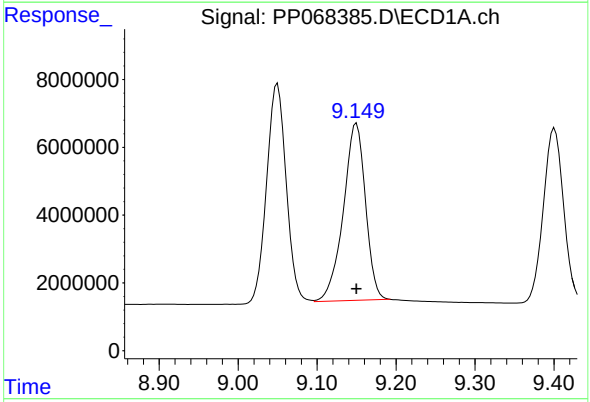
R.T.: 9.050 min
Delta R.T.: 0.001 min
Response: 111444527
Conc: 735.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



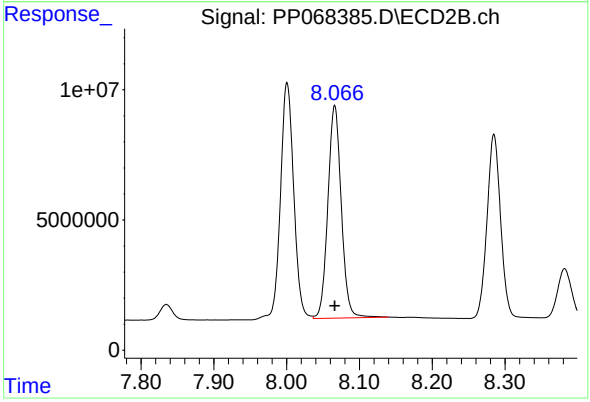
#41 AR-1268-1

R.T.: 8.001 min
Delta R.T.: 0.000 min
Response: 114984948
Conc: 748.53 ng/ml



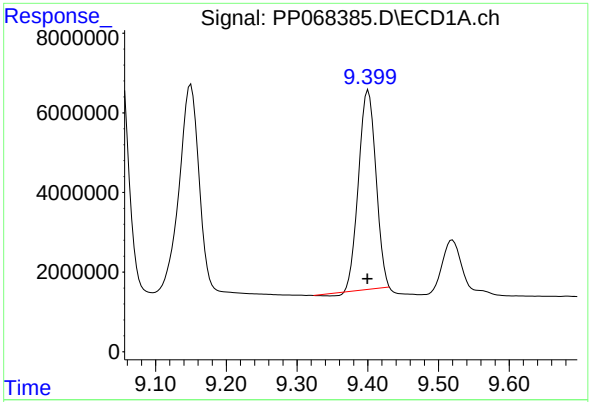
#42 AR-1268-2

R.T.: 9.150 min
Delta R.T.: 0.000 min
Response: 101858862
Conc: 736.94 ng/ml



#42 AR-1268-2

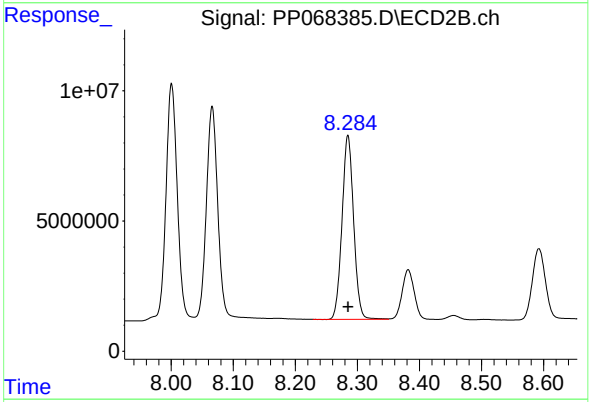
R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 104645236
Conc: 747.33 ng/ml



#43 AR-1268-3

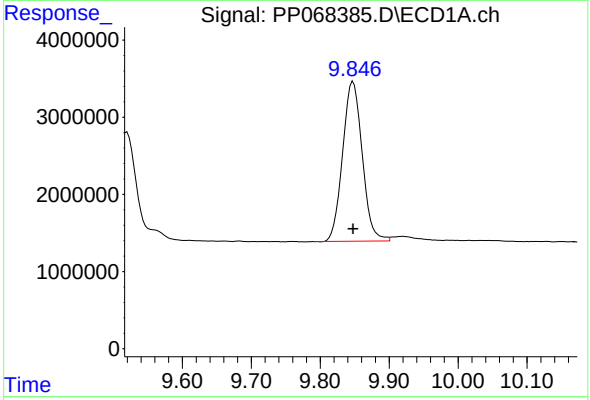
R.T.: 9.401 min
Delta R.T.: 0.001 min
Response: 84804069
Conc: 688.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



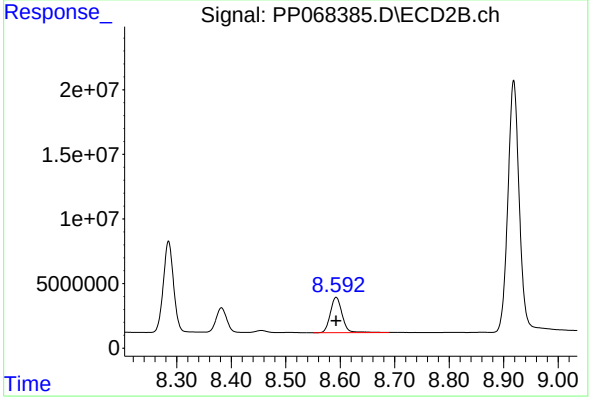
#43 AR-1268-3

R.T.: 8.285 min
Delta R.T.: 0.000 min
Response: 91785879
Conc: 747.05 ng/ml



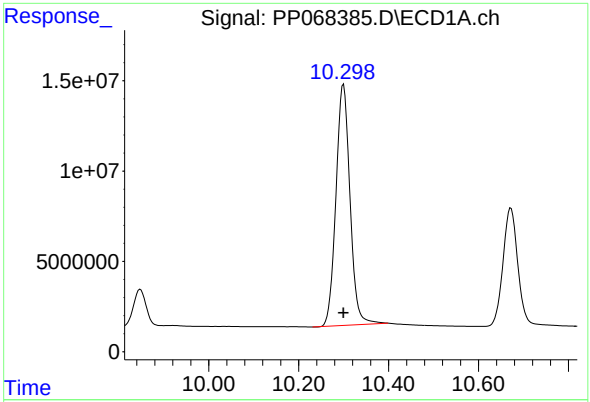
#44 AR-1268-4

R.T.: 9.848 min
Delta R.T.: 0.000 min
Response: 40875359
Conc: 729.67 ng/ml



#44 AR-1268-4

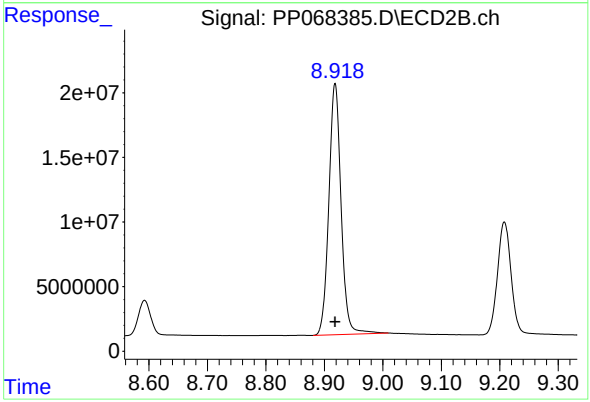
R.T.: 8.592 min
Delta R.T.: 0.000 min
Response: 41388287
Conc: 746.55 ng/ml



#45 AR-1268-5

R.T.: 10.300 min
Delta R.T.: 0.000 min
Response: 289482689
Conc: 740.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



#45 AR-1268-5

R.T.: 8.918 min
Delta R.T.: 0.000 min
Response: 282624906
Conc: 748.71 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068387.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 09:50
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: Nov 08 10:20:43 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 10:12:44 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.758	4.048	24716059	25561394	24.607	25.787
2)	SA Decachlor...	10.671	9.206	56279615	51296322	27.309	26.809
	Target Compounds						
41)	L9 AR-1268-1	9.049	8.001	41409310	40939644	266.914	262.180
42)	L9 AR-1268-2	9.149	8.065	37763648	37154972	267.016	261.335
43)	L9 AR-1268-3	9.399	8.284	34090592	32866076	268.954	262.898
44)	L9 AR-1268-4	9.845	8.592	15148086	14405127	265.001	257.305
45)	L9 AR-1268-5	10.299	8.917	106.2E6	96887509	265.903	254.969

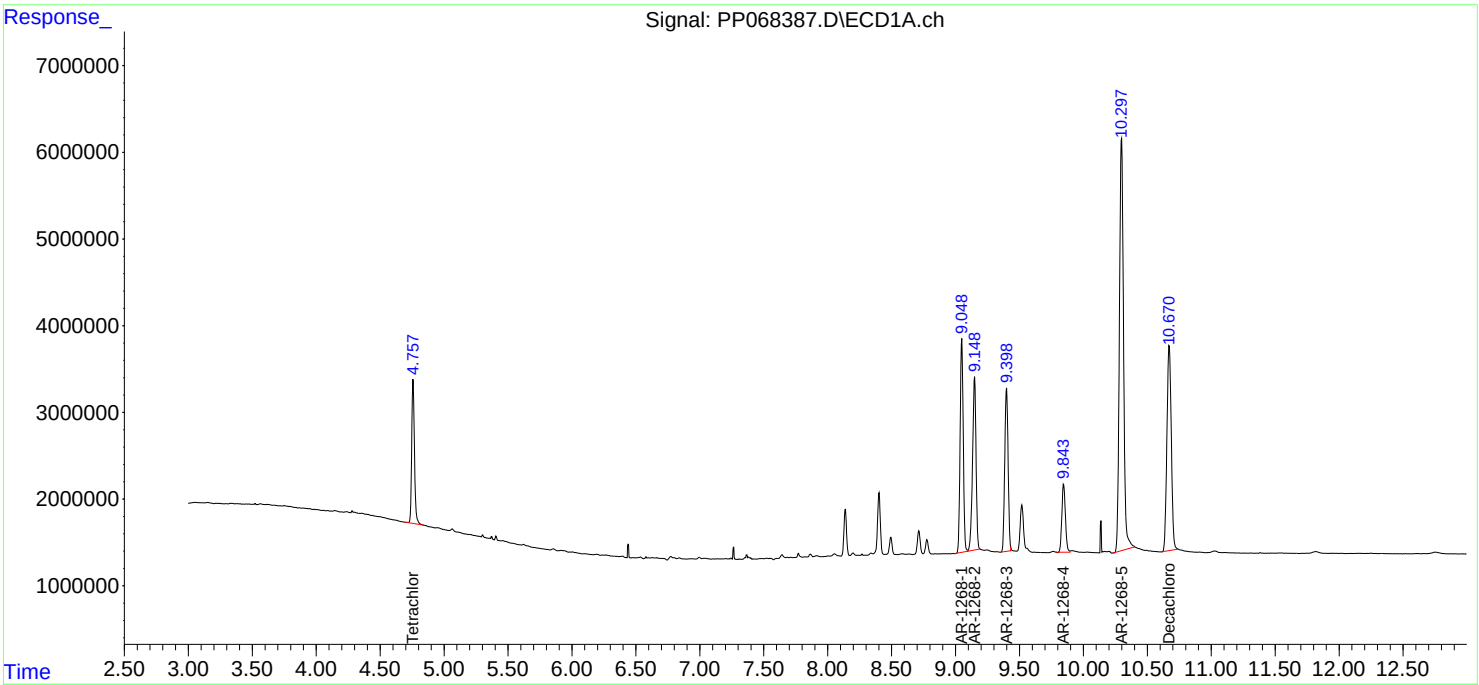
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

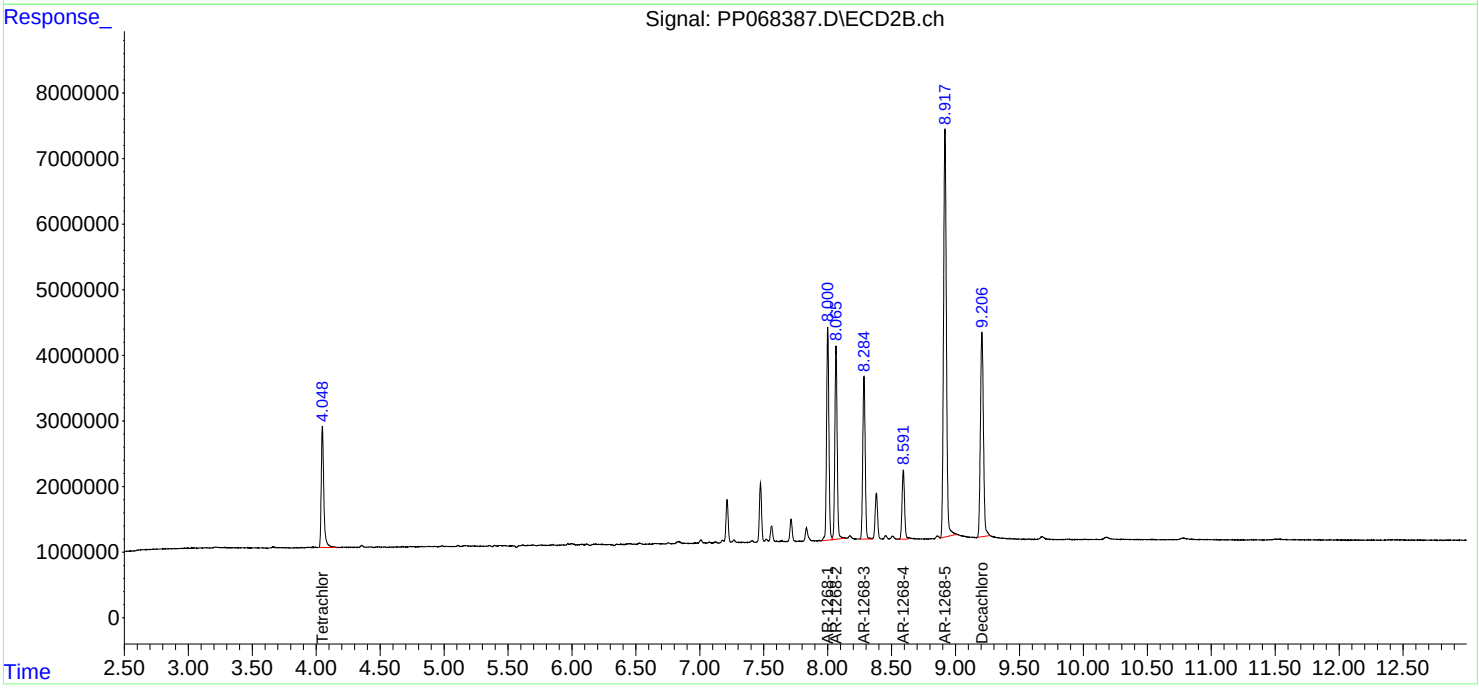
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068387.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 09:50
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

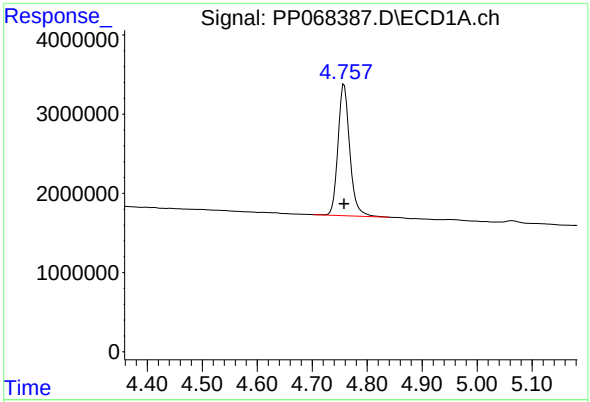
Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 10:20:43 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 10:12:44 2024
Response via : Initial Calibration
Integrator: ChemStation

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



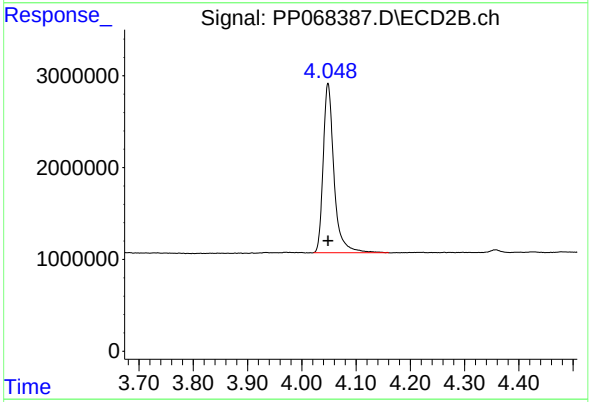




#1 Tetrachloro-m-xylene

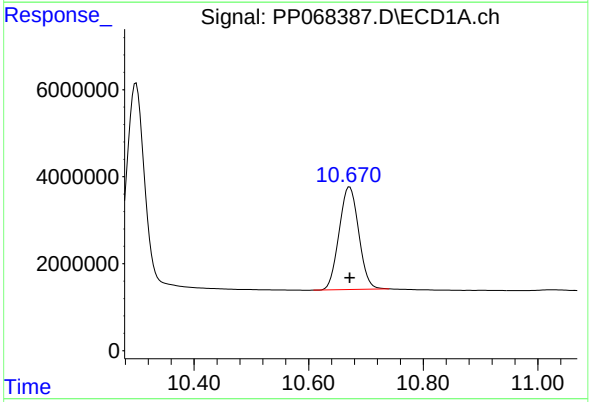
R.T.: 4.758 min
Delta R.T.: 0.000 min
Response: 24716059
Conc: 24.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



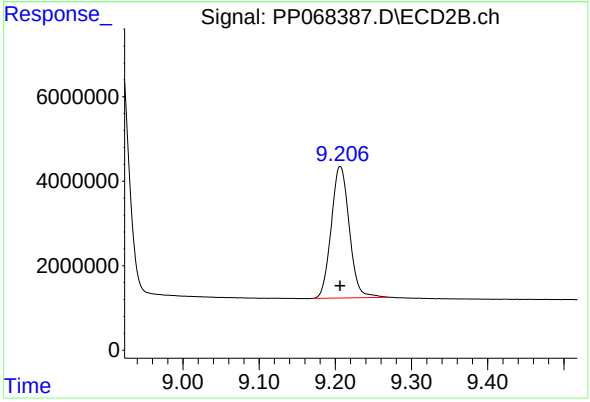
#1 Tetrachloro-m-xylene

R.T.: 4.048 min
Delta R.T.: 0.000 min
Response: 25561394
Conc: 25.79 ng/ml



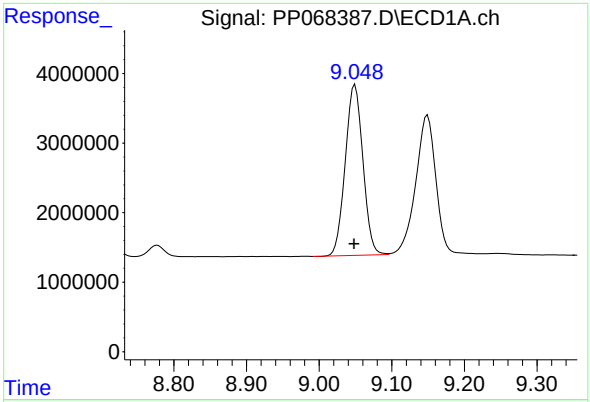
#2 Decachlorobiphenyl

R.T.: 10.671 min
Delta R.T.: 0.000 min
Response: 56279615
Conc: 27.31 ng/ml



#2 Decachlorobiphenyl

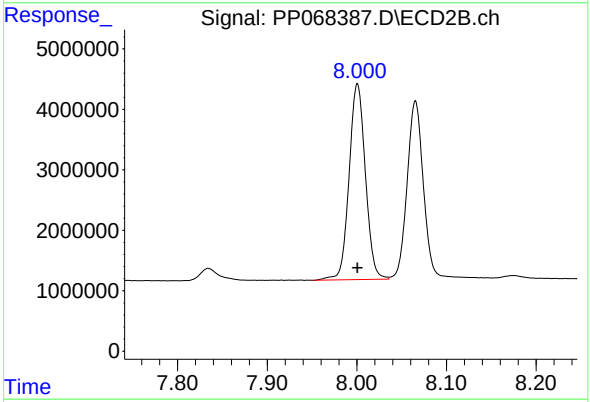
R.T.: 9.206 min
Delta R.T.: 0.000 min
Response: 51296322
Conc: 26.81 ng/ml



#41 AR-1268-1

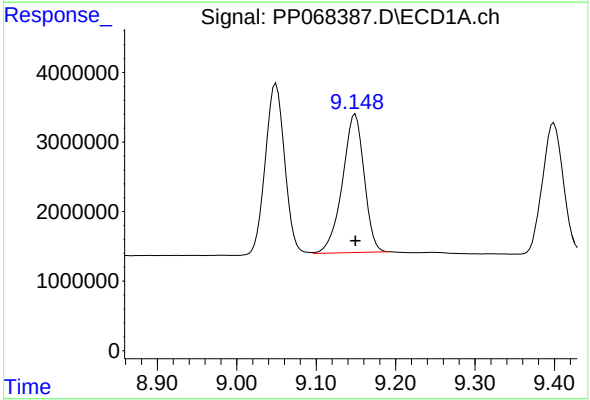
R.T.: 9.049 min
Delta R.T.: 0.001 min
Response: 41409310
Conc: 266.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



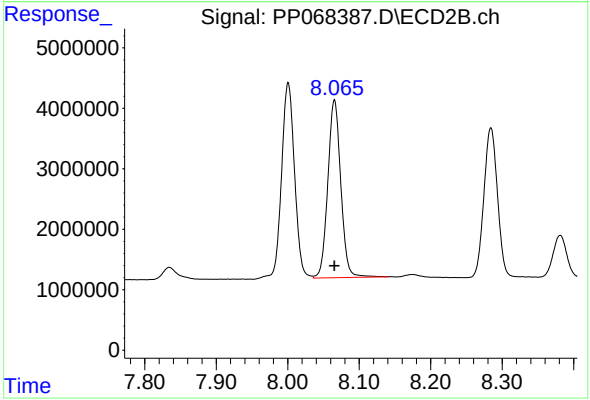
#41 AR-1268-1

R.T.: 8.001 min
Delta R.T.: 0.000 min
Response: 40939644
Conc: 262.18 ng/ml



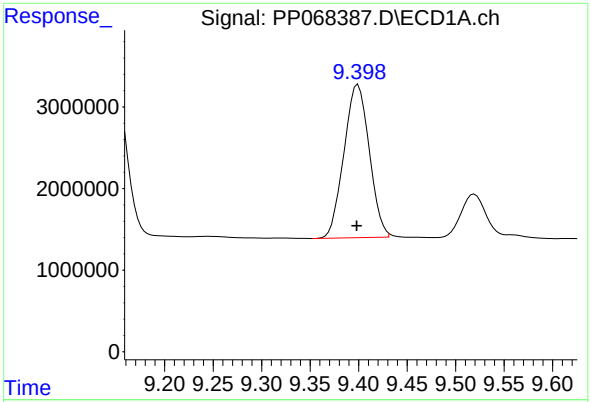
#42 AR-1268-2

R.T.: 9.149 min
Delta R.T.: 0.000 min
Response: 37763648
Conc: 267.02 ng/ml



#42 AR-1268-2

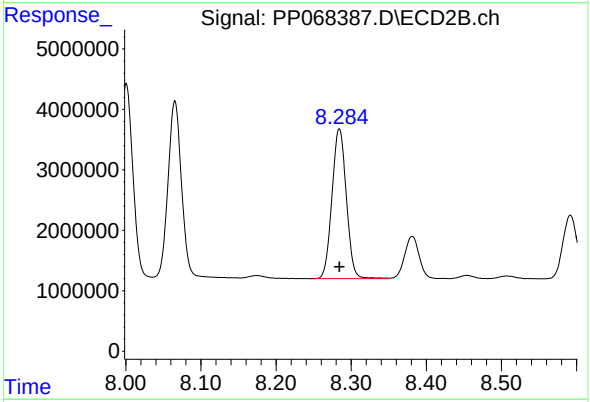
R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 37154972
Conc: 261.33 ng/ml



#43 AR-1268-3

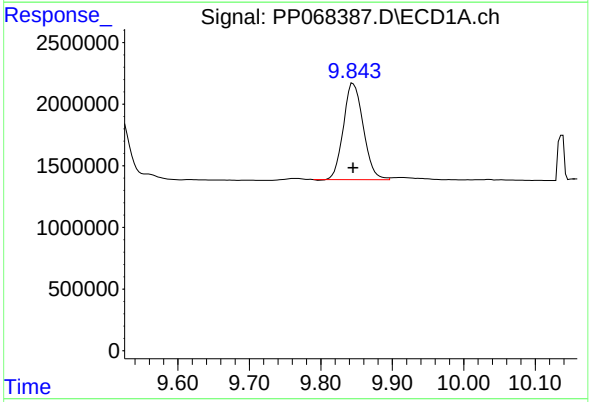
R.T.: 9.399 min
Delta R.T.: 0.001 min
Response: 34090592
Conc: 268.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



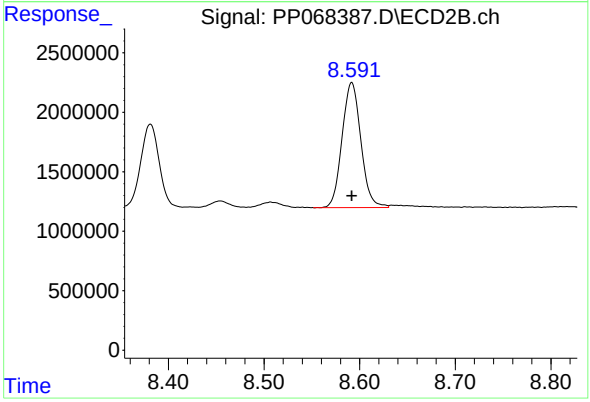
#43 AR-1268-3

R.T.: 8.284 min
Delta R.T.: 0.000 min
Response: 32866076
Conc: 262.90 ng/ml



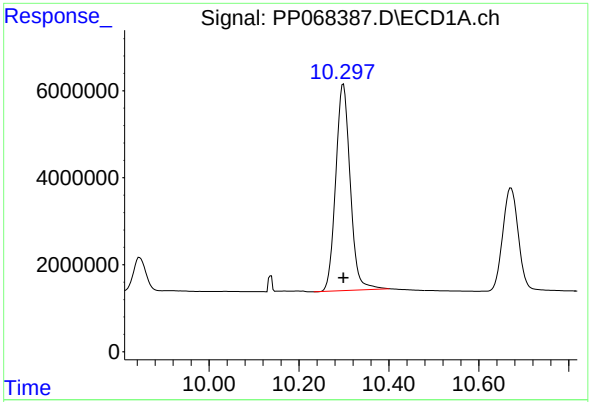
#44 AR-1268-4

R.T.: 9.845 min
Delta R.T.: 0.000 min
Response: 15148086
Conc: 265.00 ng/ml



#44 AR-1268-4

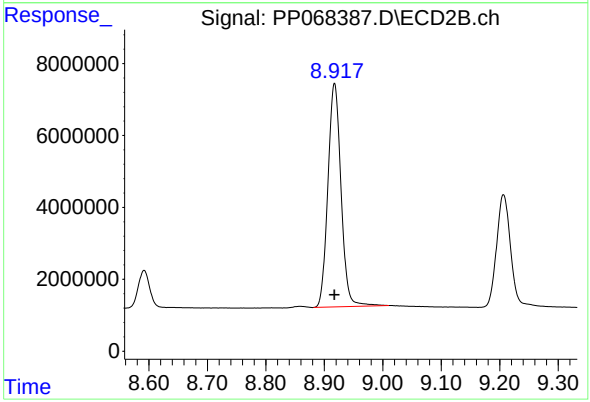
R.T.: 8.592 min
Delta R.T.: 0.000 min
Response: 14405127
Conc: 257.30 ng/ml



#45 AR-1268-5

R.T.: 10.299 min
Delta R.T.: 0.000 min
Response: 106181826
Conc: 265.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



#45 AR-1268-5

R.T.: 8.917 min
Delta R.T.: 0.000 min
Response: 96887509
Conc: 254.97 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068388.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 10:39
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: Nov 08 10:56:06 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 10:55:56 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.756	4.049	4157021	4376664	4.286	4.521
2)	SA Decachlor...	10.670	9.209	10314920	10005265	5.004	5.182
	Target Compounds						
41)	L9 AR-1268-1	9.048	8.002	7497683	7702391	48.588	49.460
42)	L9 AR-1268-2	9.147	8.066	6711092	6954961	47.941	49.131
43)	L9 AR-1268-3	9.398	8.285	6048928	6125782	48.142	49.197
44)	L9 AR-1268-4	9.846	8.593	1890647	2454152	35.285	44.944 #
45)	L9 AR-1268-5	10.297	8.920	19376455	18144214	48.811	48.182

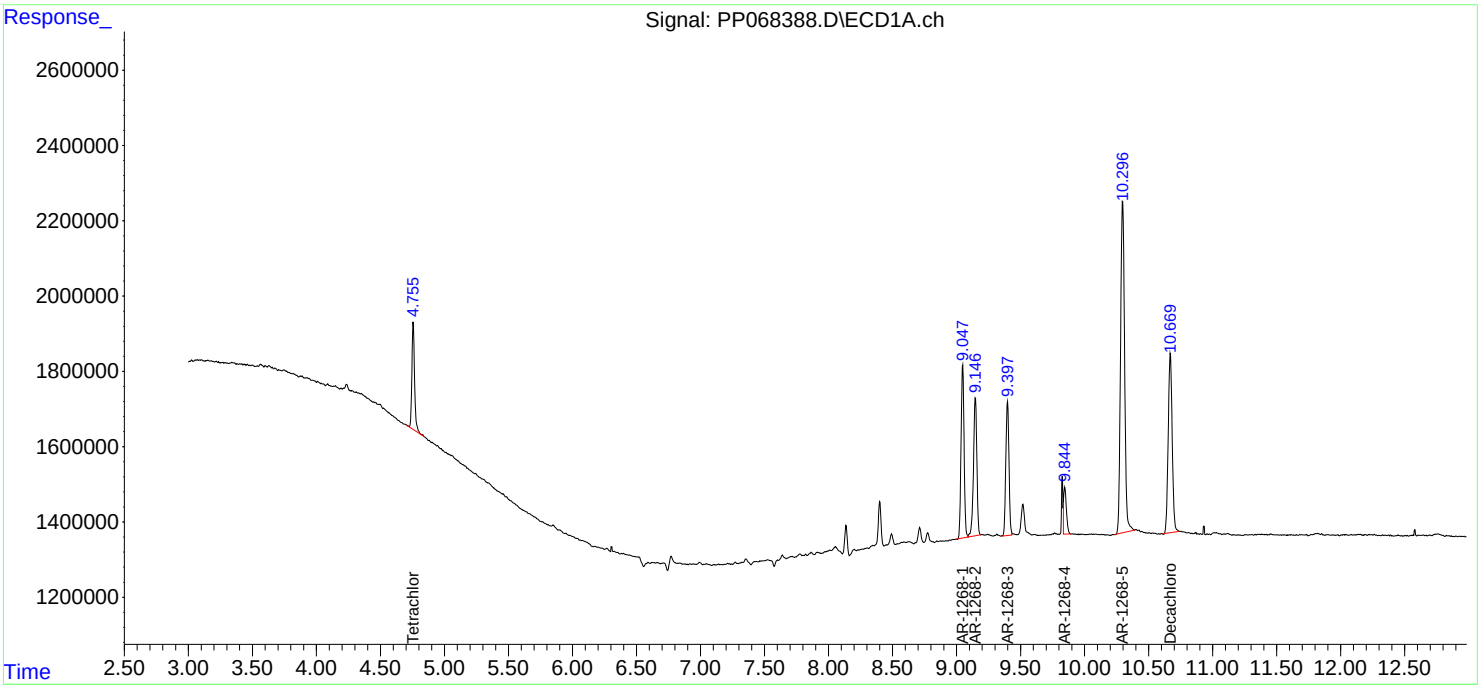
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

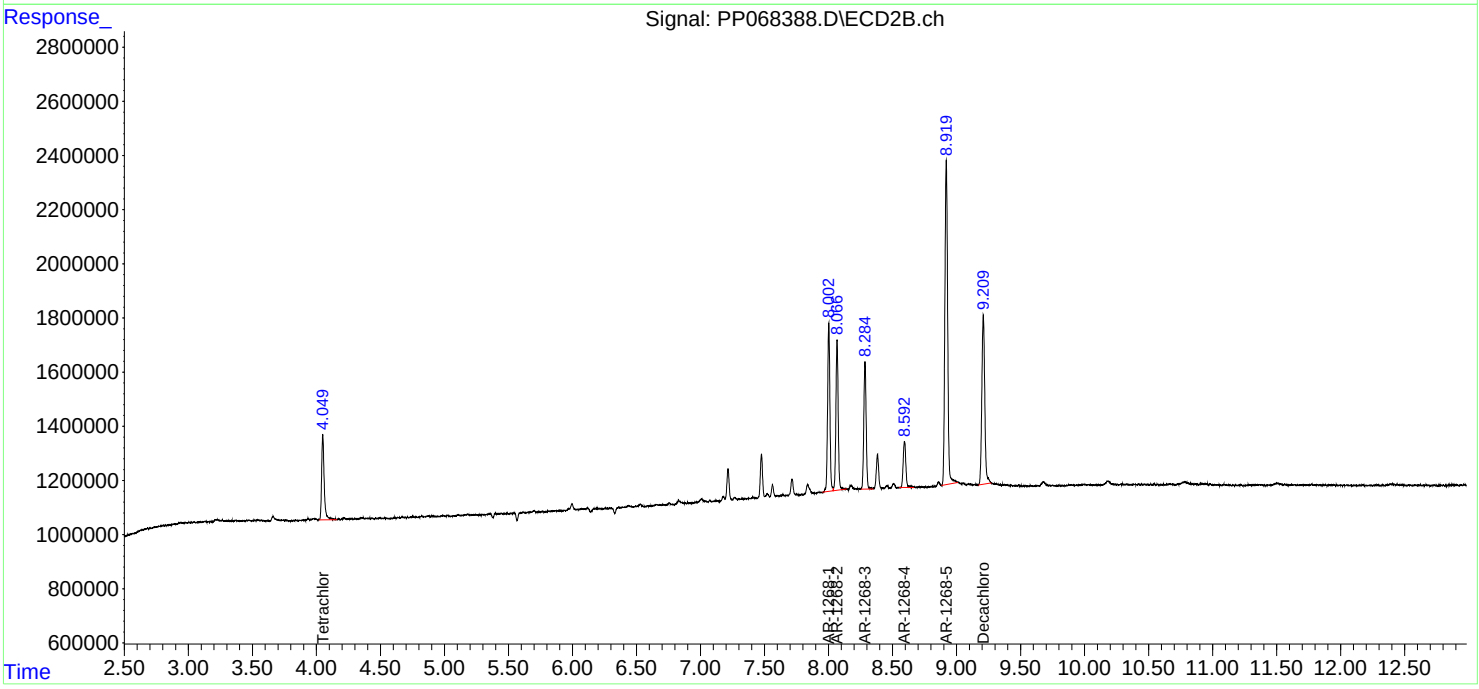
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068388.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 10:39
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

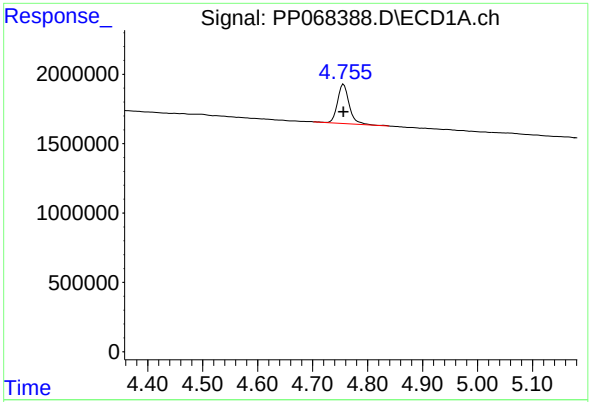
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 10:56:06 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 10:55:56 2024
Response via : Initial Calibration
Integrator: ChemStation

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



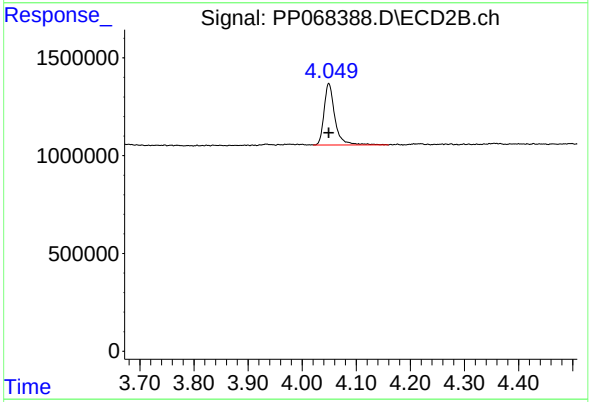




#1 Tetrachloro-m-xylene

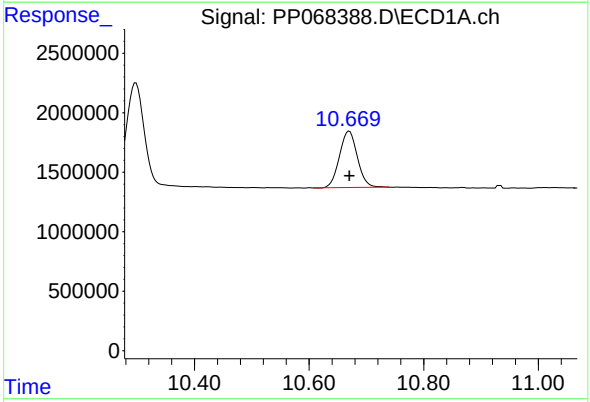
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 4157021
Conc: 4.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



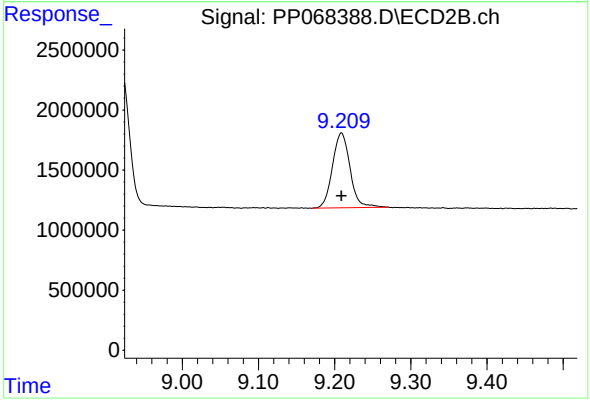
#1 Tetrachloro-m-xylene

R.T.: 4.049 min
Delta R.T.: 0.000 min
Response: 4376664
Conc: 4.52 ng/ml



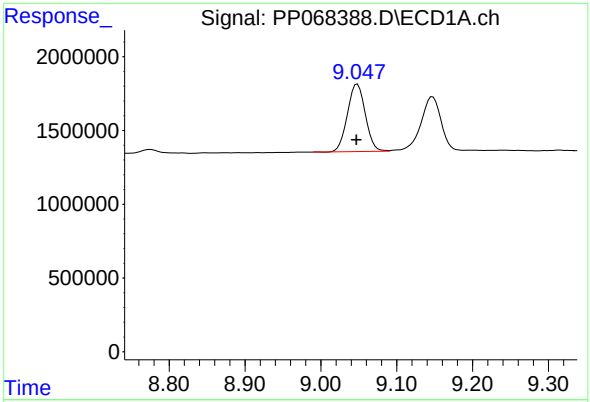
#2 Decachlorobiphenyl

R.T.: 10.670 min
Delta R.T.: 0.000 min
Response: 10314920
Conc: 5.00 ng/ml



#2 Decachlorobiphenyl

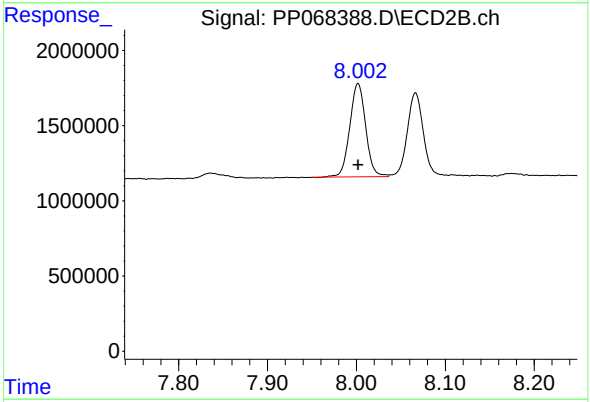
R.T.: 9.209 min
Delta R.T.: 0.000 min
Response: 10005265
Conc: 5.18 ng/ml



#41 AR-1268-1

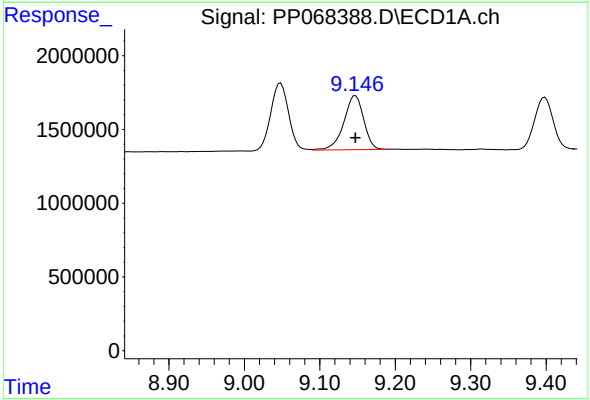
R.T.: 9.048 min
Delta R.T.: 0.001 min
Response: 7497683
Conc: 48.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



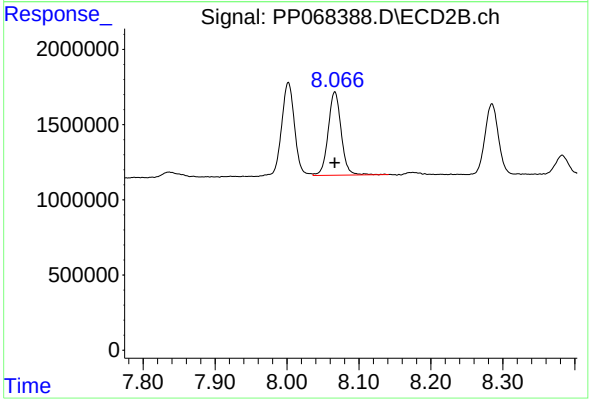
#41 AR-1268-1

R.T.: 8.002 min
Delta R.T.: 0.000 min
Response: 7702391
Conc: 49.46 ng/ml



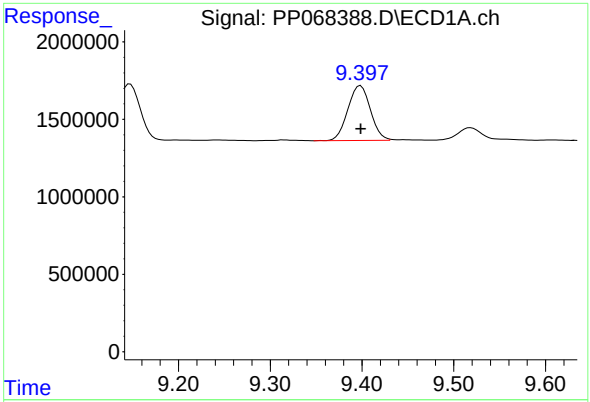
#42 AR-1268-2

R.T.: 9.147 min
Delta R.T.: 0.000 min
Response: 6711092
Conc: 47.94 ng/ml



#42 AR-1268-2

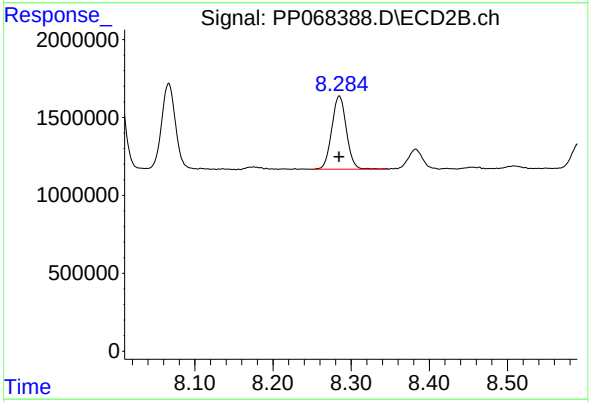
R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 6954961
Conc: 49.13 ng/ml



#43 AR-1268-3

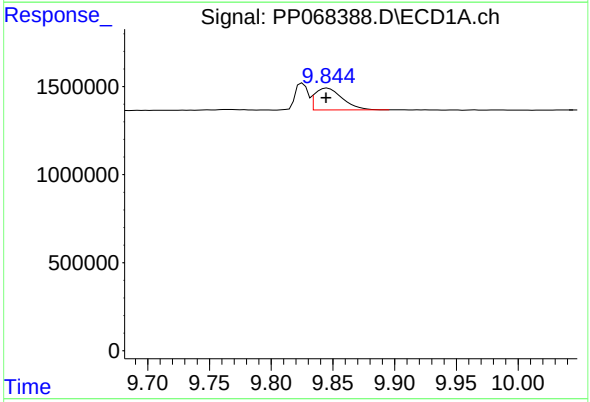
R.T.: 9.398 min
Delta R.T.: 0.000 min
Response: 6048928
Conc: 48.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



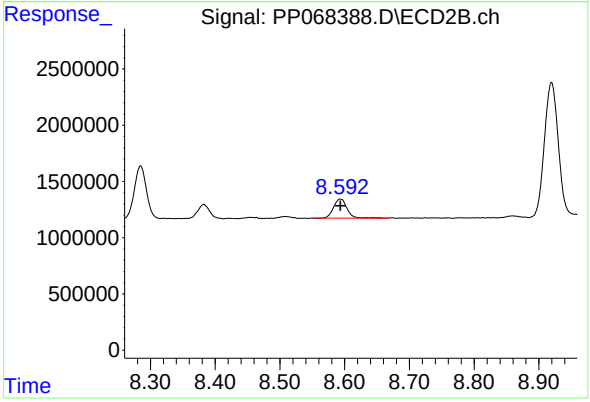
#43 AR-1268-3

R.T.: 8.285 min
Delta R.T.: 0.000 min
Response: 6125782
Conc: 49.20 ng/ml



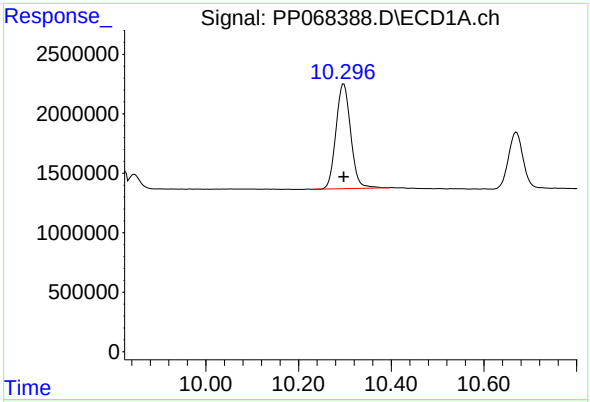
#44 AR-1268-4

R.T.: 9.846 min
Delta R.T.: 0.001 min
Response: 1890647
Conc: 35.29 ng/ml



#44 AR-1268-4

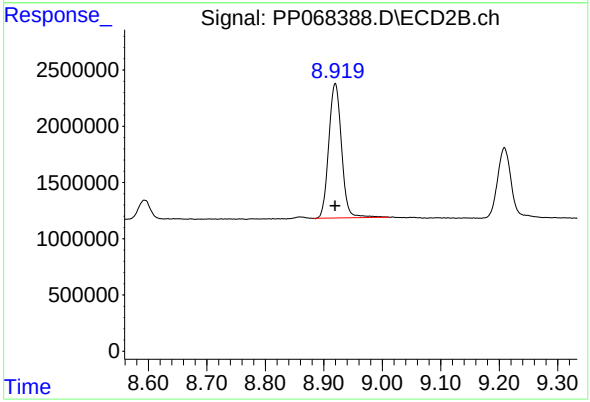
R.T.: 8.593 min
Delta R.T.: 0.000 min
Response: 2454152
Conc: 44.94 ng/ml



#45 AR-1268-5

R.T.: 10.297 min
Delta R.T.: 0.000 min
Response: 19376455
Conc: 48.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



#45 AR-1268-5

R.T.: 8.920 min
Delta R.T.: 0.000 min
Response: 18144214
Conc: 48.18 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068390.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 11:12
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 11:23:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.756	4.050	50275844	51121712	51.798	52.796	
2)	SA Decachlor...	10.669	9.209	64384965	58737597	51.447	51.926	
	Target Compounds							
3)	L1 AR-1016-1	5.920	5.157	15636105	14588135	435.109	441.434	
4)	L1 AR-1016-2	5.942	5.177	23125277	20110329	436.736	430.235	
5)	L1 AR-1016-3	6.006	5.358	14876978	10966167	449.340	405.550	
6)	L1 AR-1016-4	6.104	5.398	12561283	8725890	477.941	369.820	
7)	L1 AR-1016-5	6.398	5.616	11682962	14018786	414.172	472.934	
8)	L2 AR-1221-1	4.952	4.263	1483589	1561333	109.392	123.813	
9)	L2 AR-1221-2	5.045	4.354	2562077	2478933	254.034	253.653	
10)	L2 AR-1221-3	5.121	4.431	8944969	8747588	295.605	286.892	
11)	L3 AR-1232-1	5.121	4.431	8944969	8747588	383.582	370.635	
12)	L3 AR-1232-2	5.654	5.177	11591401	20110329	775.100	923.121	
13)	L3 AR-1232-3	5.942	5.358	23125277	10966167	923.014	978.193	
14)	L3 AR-1232-4	6.104	5.441	12561283	12039278	1014.793	1098.824	
15)	L3 AR-1232-5	6.193	5.616	9536443	14018786	958.937	1137.885	
16)	L4 AR-1242-1	5.920	5.157	15636105	14588135	523.411	524.946	
17)	L4 AR-1242-2	5.942	5.177	23125277	20110329	524.358	520.655	
18)	L4 AR-1242-3	6.006	5.358	14876978	10966167	534.020	515.326	
19)	L4 AR-1242-4	6.104	5.441	12561283	12039278	574.099	528.185	
20)	L4 AR-1242-5	6.838	5.970	14184802	16278038	584.208	592.978	
21)	L5 AR-1248-1	5.920	5.157	15636105	14588135	692.953	667.727	
22)	L5 AR-1248-2	6.193	5.398	9536443	8725890	283.733	272.948	
23)	L5 AR-1248-3	6.398	5.441	11682962	12039278	319.944	359.294	
24)	L5 AR-1248-4	6.798	5.616	12769343	14018786	298.449	361.041	
25)	L5 AR-1248-5	6.838	6.013	14184802	15894645	341.480	428.794	#
26)	L6 AR-1254-1	6.772	5.970	9104001	16278038	175.460	268.429	#
27)	L6 AR-1254-2	6.995	6.118	12462397	6504941	182.633	123.351	#
28)	L6 AR-1254-3	7.356	6.528	7733118	7716855	108.219	92.682	
29)	L6 AR-1254-4	7.639	6.756	7707038	5911061	143.215	121.558	
30)	L6 AR-1254-5	8.057	7.177	2047226	1870255	32.668	25.059	
31)	L7 AR-1260-1	7.523	6.676	4367641	3179777	80.727	57.140	#
32)	L7 AR-1260-2	7.773	6.842	4592045	2511997	72.190	37.925	#
33)	L7 AR-1260-3	8.120	7.002	443295	1436016	8.241	23.202	#
34)	L7 AR-1260-4	8.358	7.479	979777	123720	15.745	2.346	#
35)	L7 AR-1260-5	0.000	7.716	0	217143	N.D.	1.824	#
36)	L8 AR-1262-1	8.358	7.247	979777	172805	13.217	2.227	#
37)	L8 AR-1262-2	0.000	7.479	0	123720	N.D.	1.750	#
38)	L8 AR-1262-3	0.000	8.039f	0	1396360	N.D.	23.728	#
39)	L8 AR-1262-4	0.000	8.049	0	1549552	N.D.	14.957	#
40)	L8 AR-1262-5	9.915f	8.599	107363	65075	2.007	1.284	#
41)	L9 AR-1268-1	0.000	8.039f	0	1396360	N.D.	8.967	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068390.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 11:12
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 11:23:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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	0.000	8.049	0	1549552	N.D.	10.946 #
43) L9	AR-1268-3	0.000	8.285	0	322671	N.D.	2.591 #
44) L9	AR-1268-4	0.000	8.599	0	65075	N.D.	1.192 #
45) L9	AR-1268-5	10.297	8.918	440102	373083	1.109	0.991

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

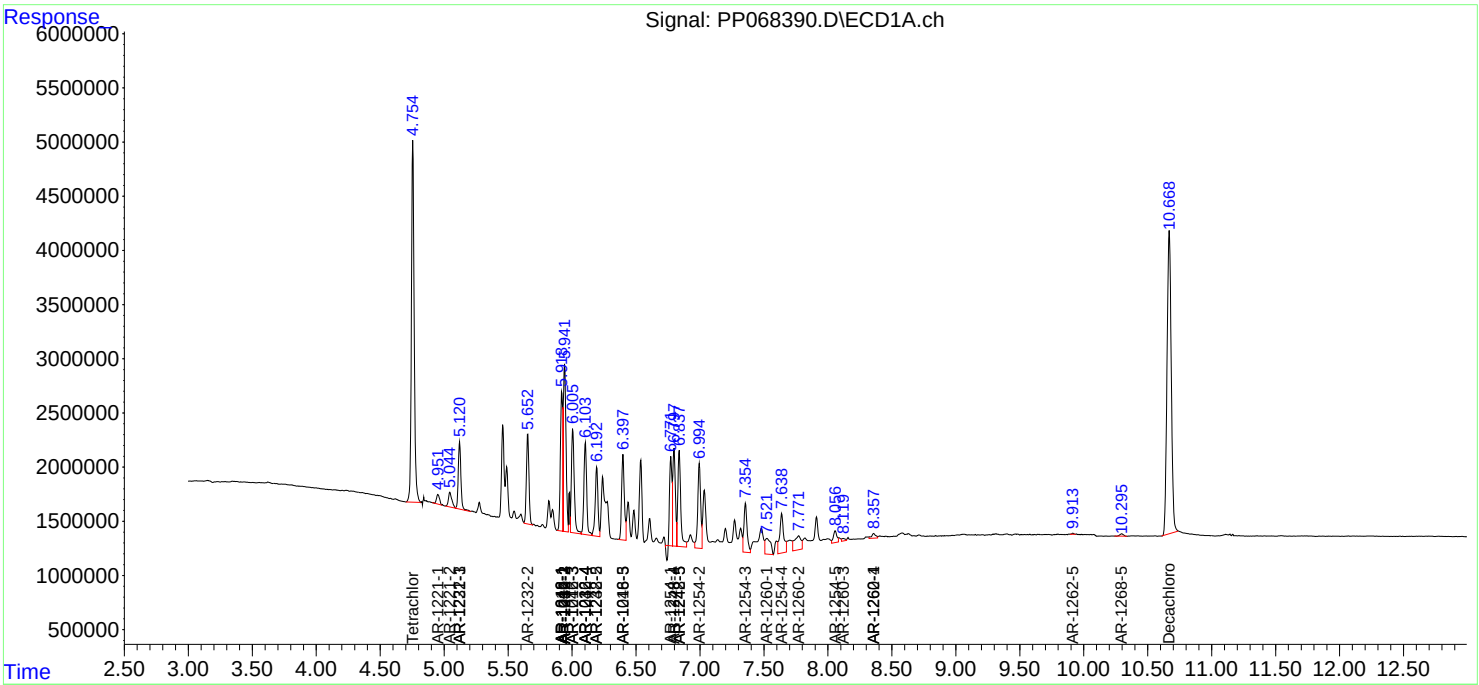
Quantitation Report (Not Reviewed)

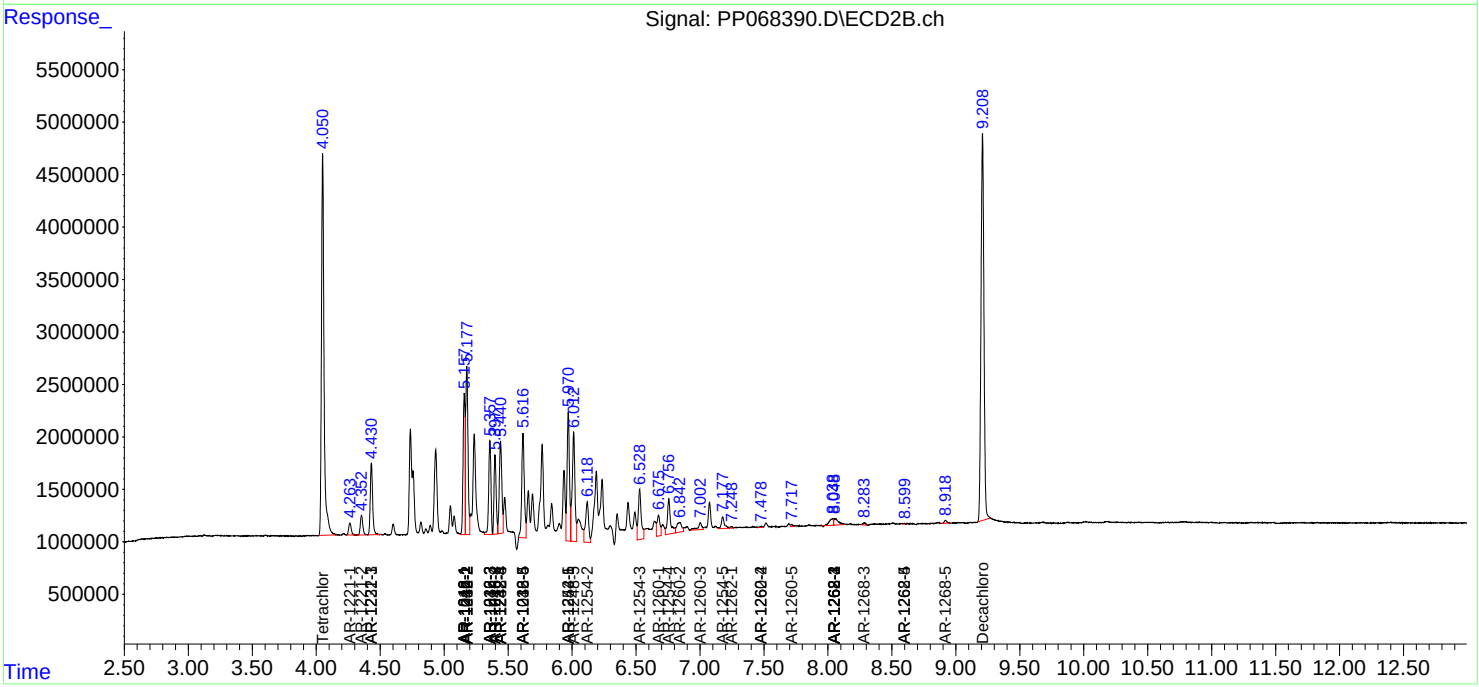
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068390.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 11:12
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

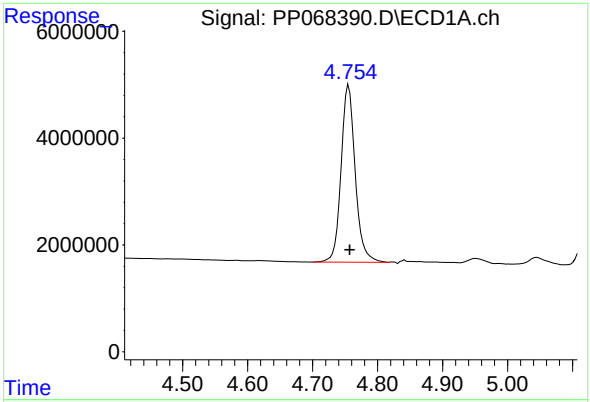
Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 11:23:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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



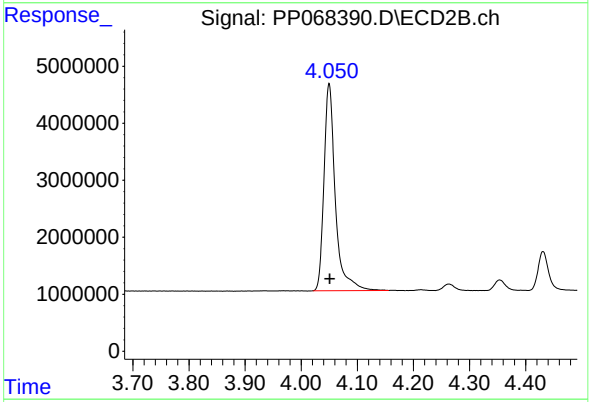




#1 Tetrachloro-m-xylene

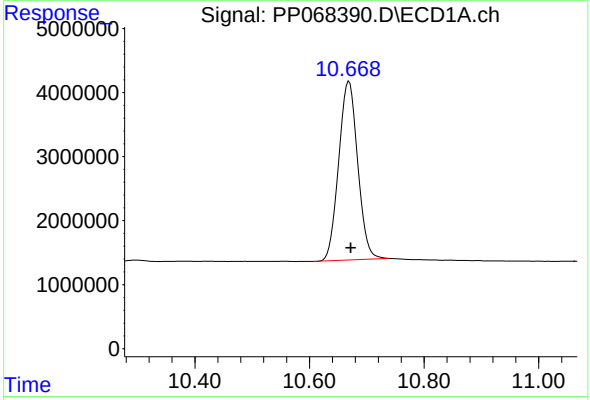
R.T.: 4.756 min
Delta R.T.: -0.001 min
Response: 50275844
Conc: 51.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1242



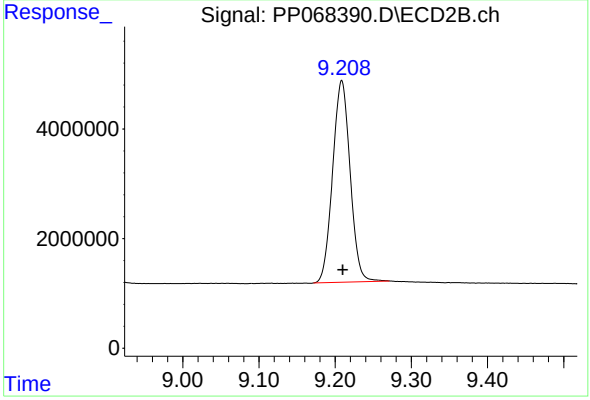
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: -0.001 min
Response: 51121712
Conc: 52.80 ng/ml



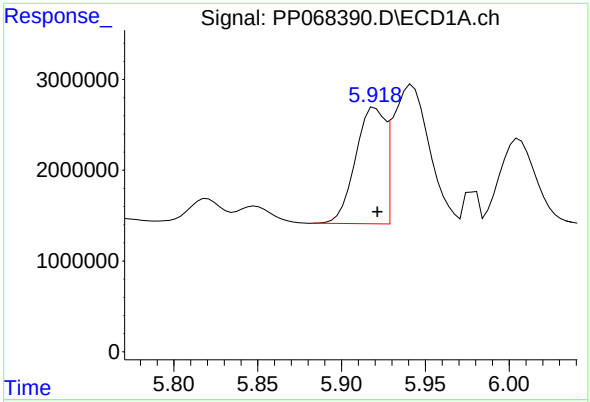
#2 Decachlorobiphenyl

R.T.: 10.669 min
Delta R.T.: -0.003 min
Response: 64384965
Conc: 51.45 ng/ml



#2 Decachlorobiphenyl

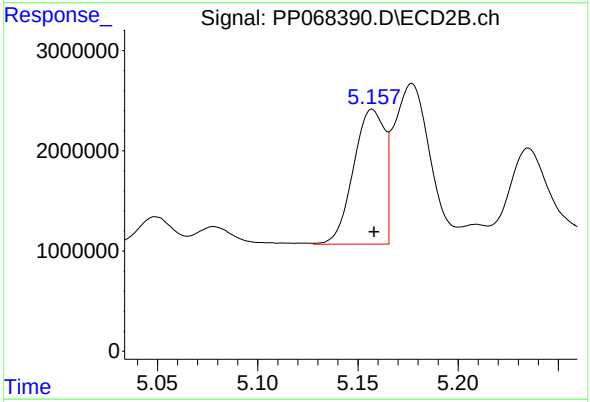
R.T.: 9.209 min
Delta R.T.: -0.001 min
Response: 58737597
Conc: 51.93 ng/ml



#3 AR-1016-1

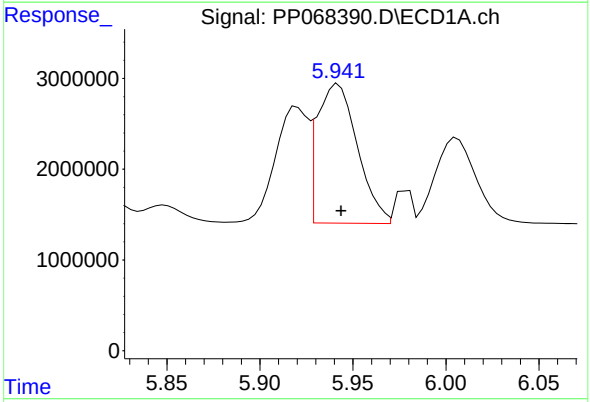
R.T.: 5.920 min
Delta R.T.: -0.001 min
Response: 15636105
Conc: 435.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1242



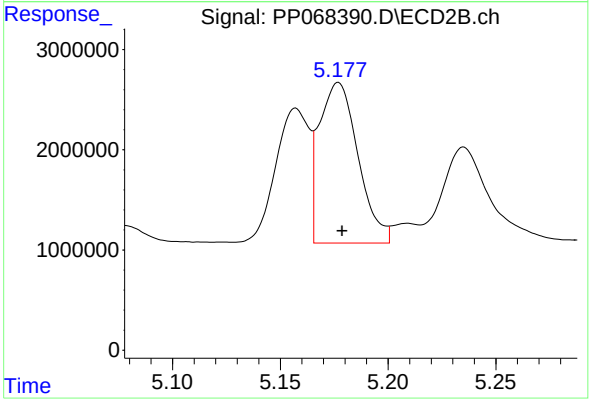
#3 AR-1016-1

R.T.: 5.157 min
Delta R.T.: 0.000 min
Response: 14588135
Conc: 441.43 ng/ml



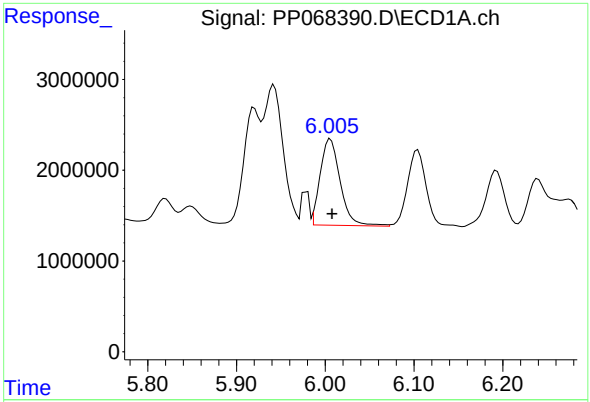
#4 AR-1016-2

R.T.: 5.942 min
Delta R.T.: -0.001 min
Response: 23125277
Conc: 436.74 ng/ml



#4 AR-1016-2

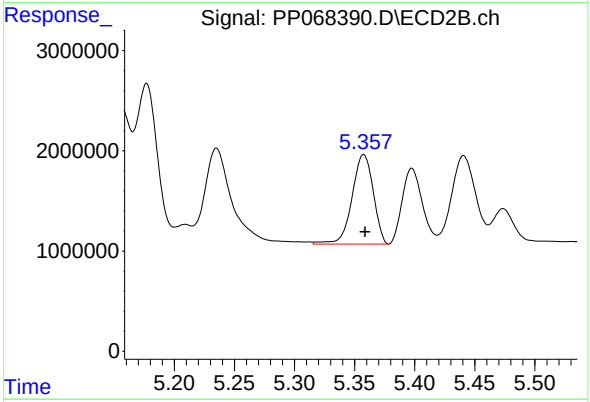
R.T.: 5.177 min
Delta R.T.: -0.002 min
Response: 20110329
Conc: 430.24 ng/ml



#5 AR-1016-3

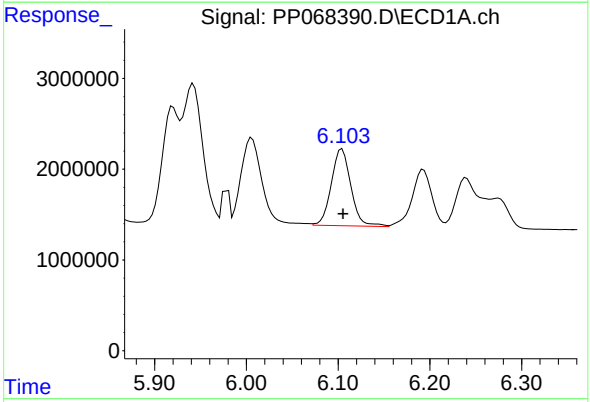
R.T.: 6.006 min
Delta R.T.: -0.002 min
Response: 14876978
Conc: 449.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1242



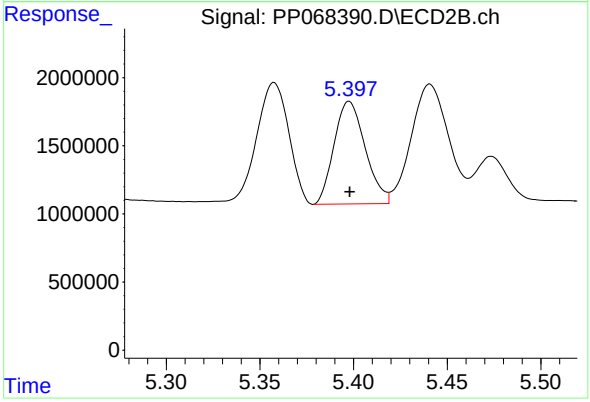
#5 AR-1016-3

R.T.: 5.358 min
Delta R.T.: -0.001 min
Response: 10966167
Conc: 405.55 ng/ml



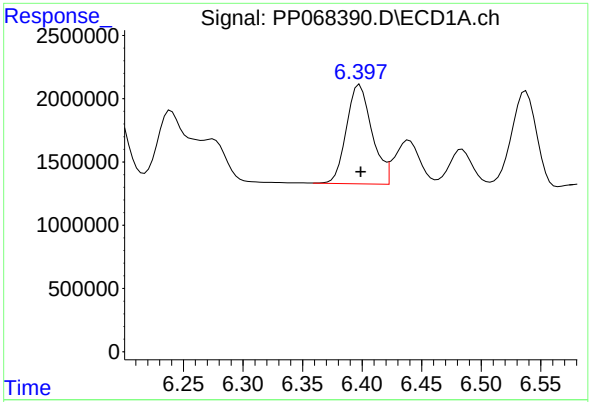
#6 AR-1016-4

R.T.: 6.104 min
Delta R.T.: -0.001 min
Response: 12561283
Conc: 477.94 ng/ml



#6 AR-1016-4

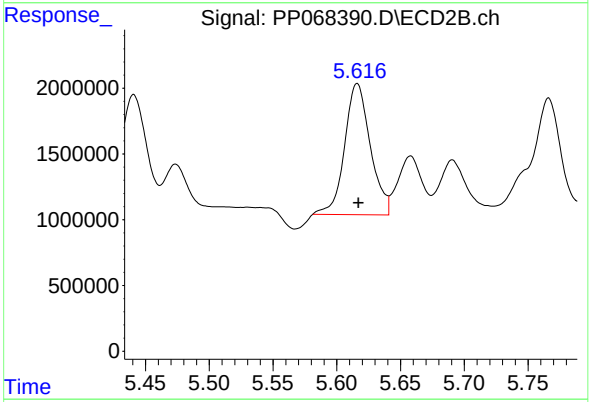
R.T.: 5.398 min
Delta R.T.: 0.000 min
Response: 8725890
Conc: 369.82 ng/ml



#7 AR-1016-5

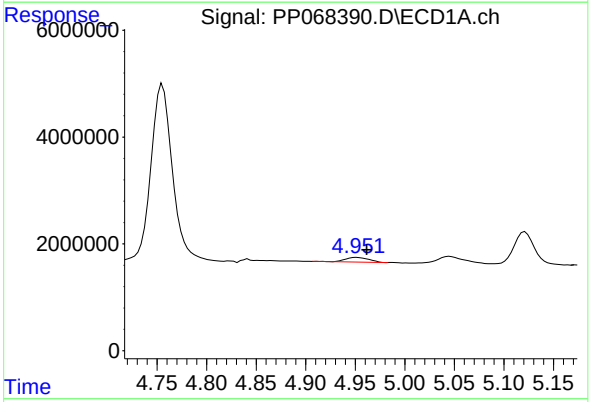
R.T.: 6.398 min
Delta R.T.: 0.000 min
Response: 11682962
Conc: 414.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1242



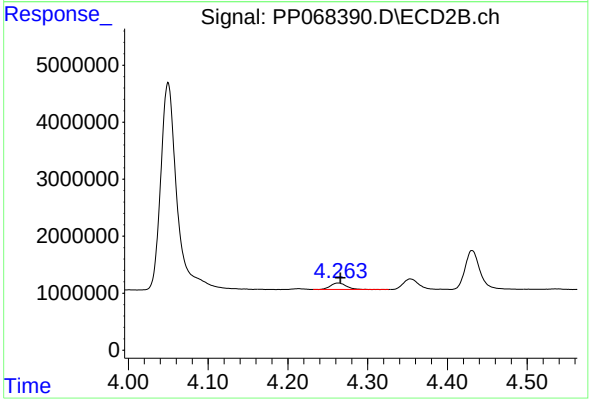
#7 AR-1016-5

R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 14018786
Conc: 472.93 ng/ml



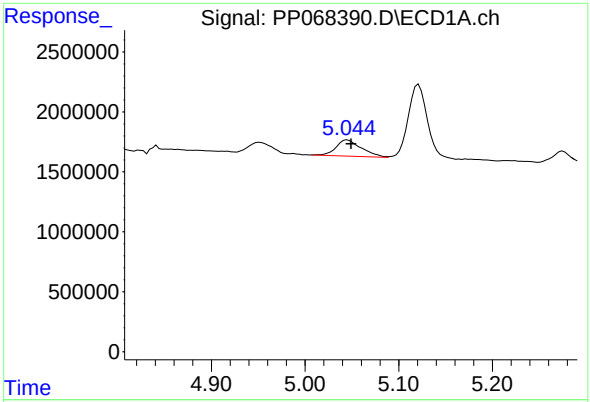
#8 AR-1221-1

R.T.: 4.952 min
Delta R.T.: -0.010 min
Response: 1483589
Conc: 109.39 ng/ml



#8 AR-1221-1

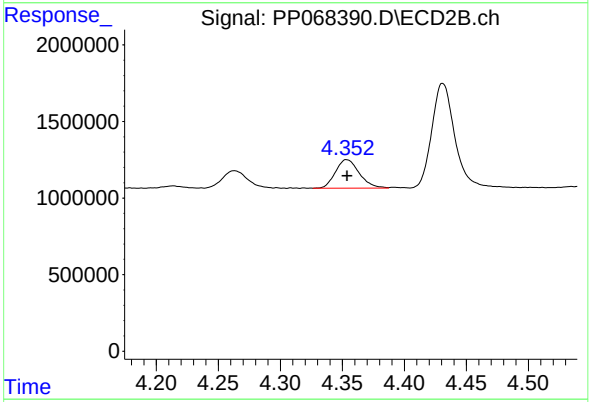
R.T.: 4.263 min
Delta R.T.: -0.003 min
Response: 1561333
Conc: 123.81 ng/ml



#9 AR-1221-2

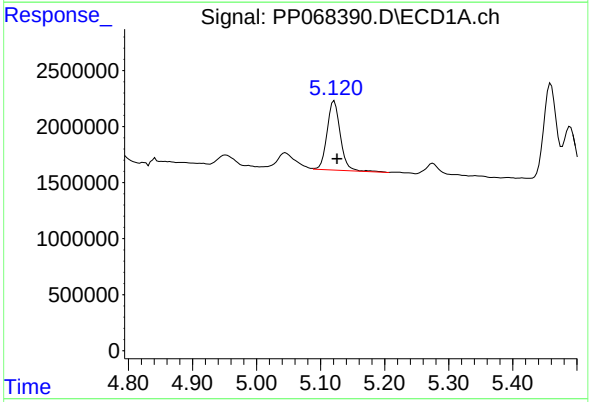
R.T.: 5.045 min
Delta R.T.: -0.004 min
Response: 2562077
Conc: 254.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1242



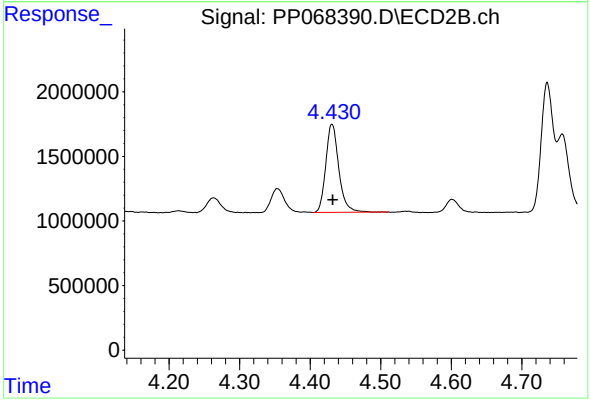
#9 AR-1221-2

R.T.: 4.354 min
Delta R.T.: 0.000 min
Response: 2478933
Conc: 253.65 ng/ml



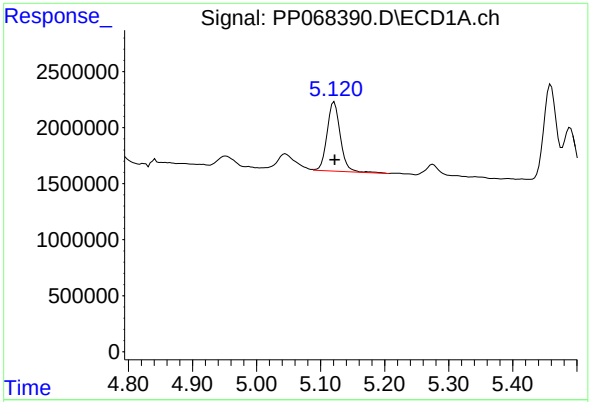
#10 AR-1221-3

R.T.: 5.121 min
Delta R.T.: -0.005 min
Response: 8944969
Conc: 295.60 ng/ml



#10 AR-1221-3

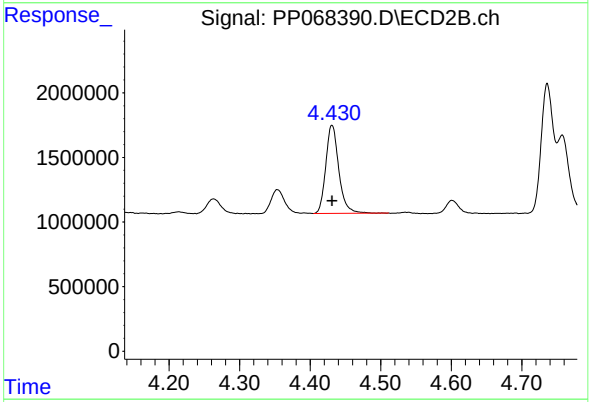
R.T.: 4.431 min
Delta R.T.: -0.001 min
Response: 8747588
Conc: 286.89 ng/ml



#11 AR-1232-1

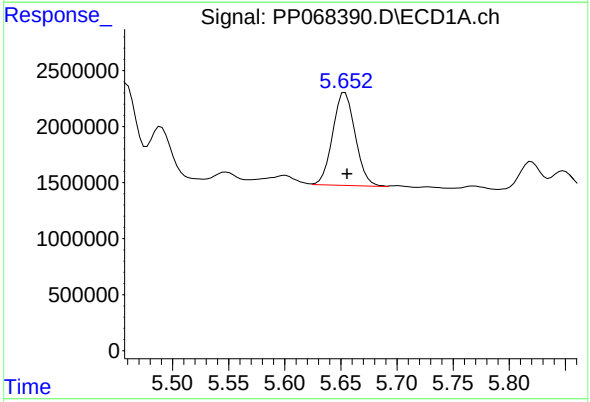
R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 8944969
Conc: 383.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1242



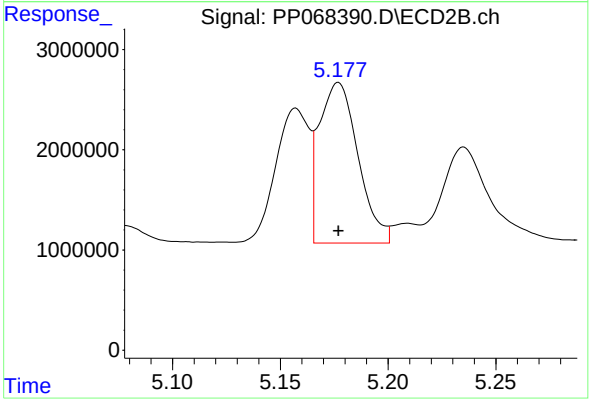
#11 AR-1232-1

R.T.: 4.431 min
Delta R.T.: 0.000 min
Response: 8747588
Conc: 370.64 ng/ml



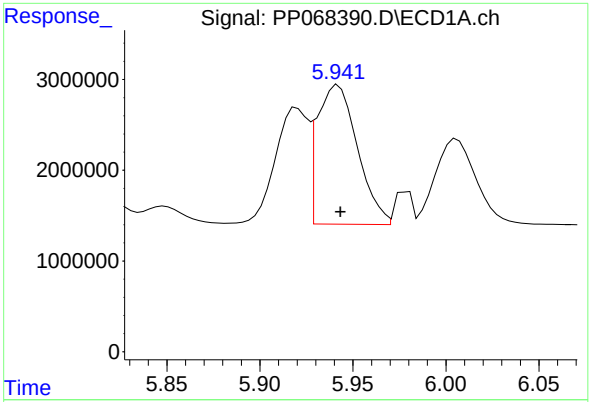
#12 AR-1232-2

R.T.: 5.654 min
Delta R.T.: -0.002 min
Response: 11591401
Conc: 775.10 ng/ml



#12 AR-1232-2

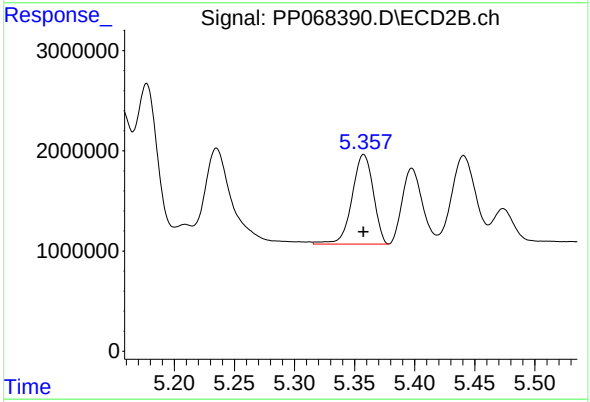
R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 20110329
Conc: 923.12 ng/ml



#13 AR-1232-3

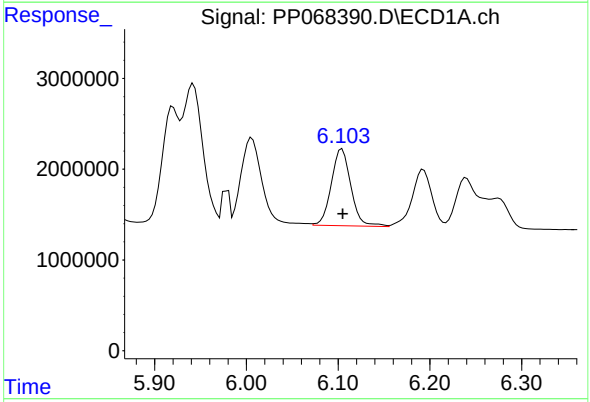
R.T.: 5.942 min
Delta R.T.: -0.001 min
Response: 23125277
Conc: 923.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1242



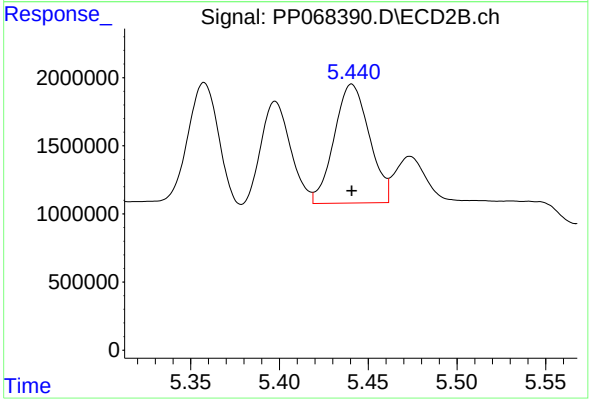
#13 AR-1232-3

R.T.: 5.358 min
Delta R.T.: 0.000 min
Response: 10966167
Conc: 978.19 ng/ml



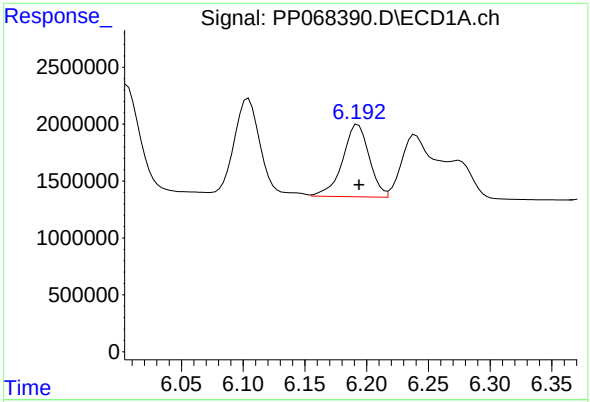
#14 AR-1232-4

R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 12561283
Conc: 1014.79 ng/ml



#14 AR-1232-4

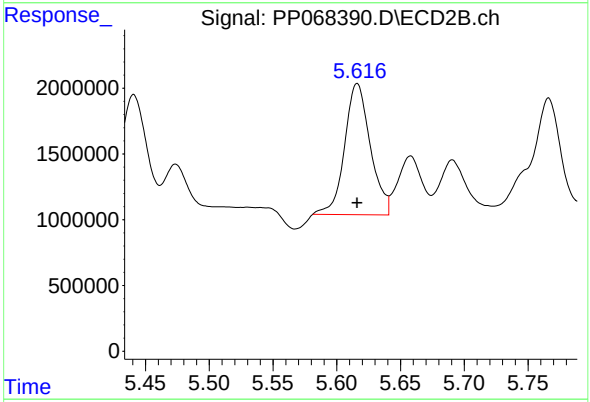
R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 12039278
Conc: 1098.82 ng/ml



#15 AR-1232-5

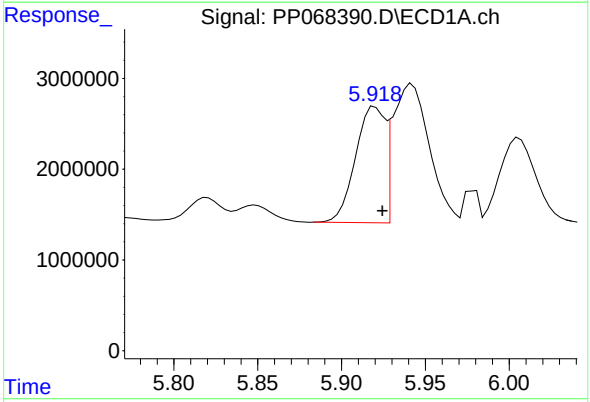
R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 9536443
Conc: 958.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1242



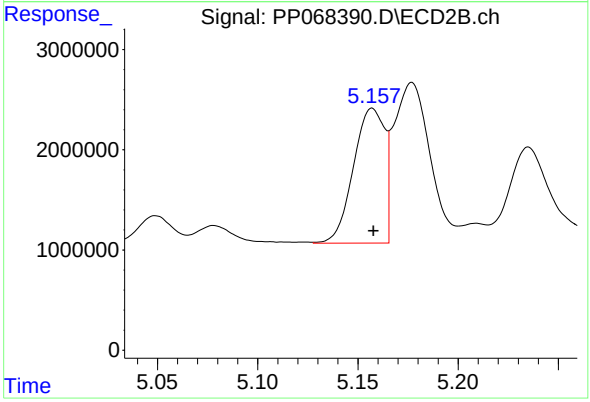
#15 AR-1232-5

R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 14018786
Conc: 1137.88 ng/ml



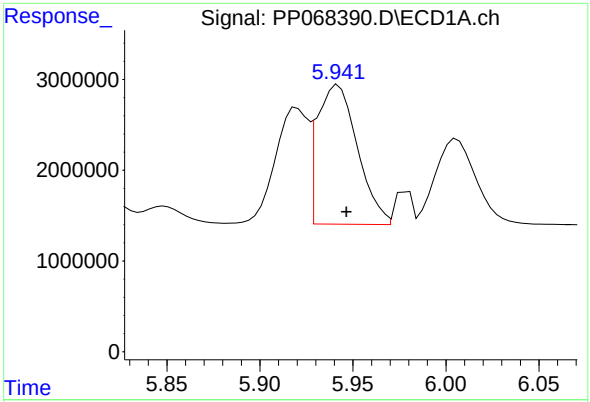
#16 AR-1242-1

R.T.: 5.920 min
Delta R.T.: -0.004 min
Response: 15636105
Conc: 523.41 ng/ml



#16 AR-1242-1

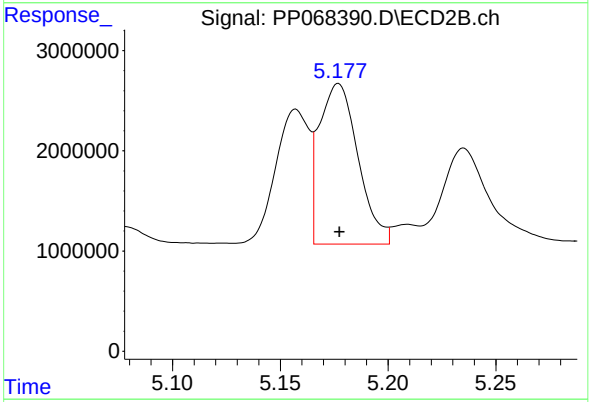
R.T.: 5.157 min
Delta R.T.: 0.000 min
Response: 14588135
Conc: 524.95 ng/ml



#17 AR-1242-2

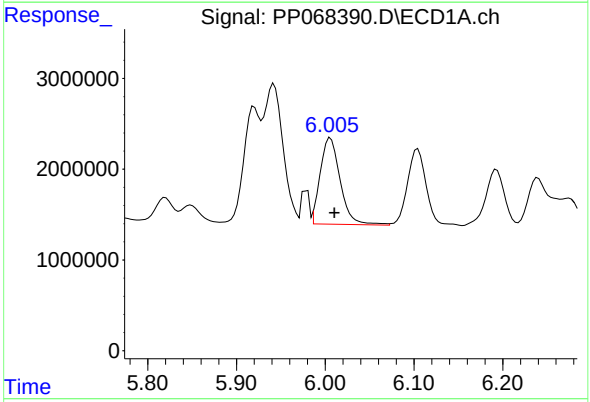
R.T.: 5.942 min
Delta R.T.: -0.004 min
Response: 23125277
Conc: 524.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1242



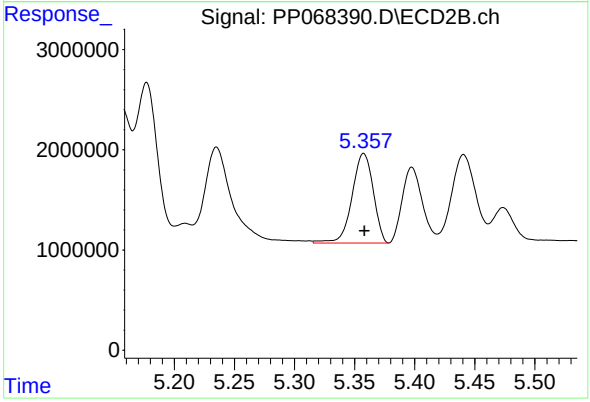
#17 AR-1242-2

R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 20110329
Conc: 520.65 ng/ml



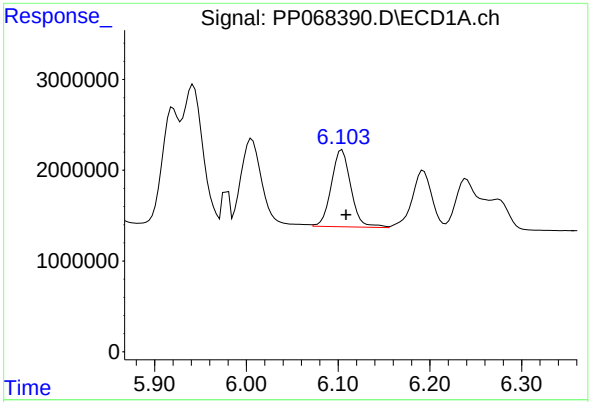
#18 AR-1242-3

R.T.: 6.006 min
Delta R.T.: -0.004 min
Response: 14876978
Conc: 534.02 ng/ml



#18 AR-1242-3

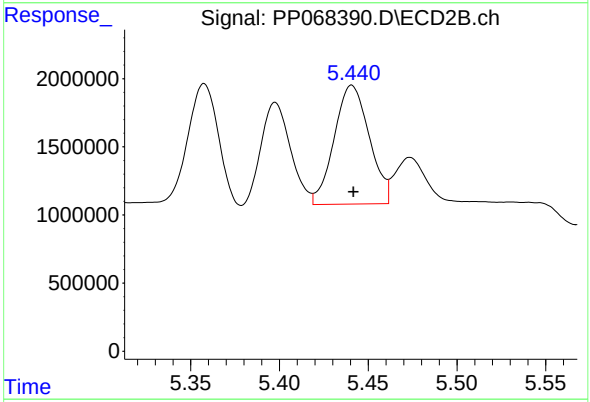
R.T.: 5.358 min
Delta R.T.: 0.000 min
Response: 10966167
Conc: 515.33 ng/ml



#19 AR-1242-4

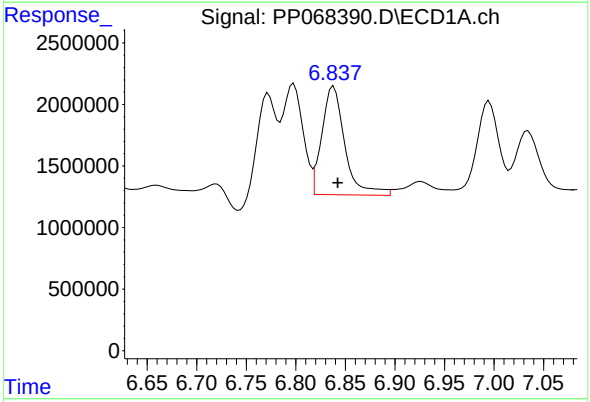
R.T.: 6.104 min
Delta R.T.: -0.004 min
Response: 12561283
Conc: 574.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1242



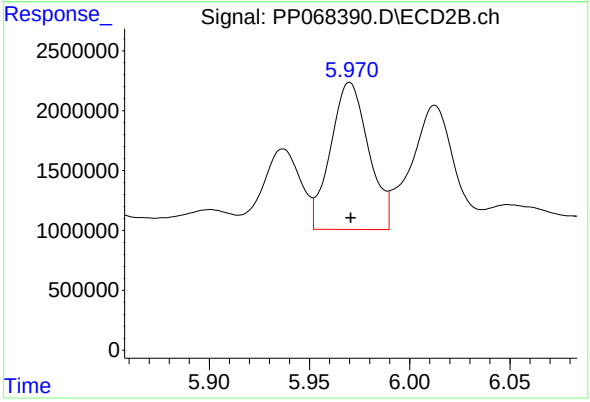
#19 AR-1242-4

R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 12039278
Conc: 528.18 ng/ml



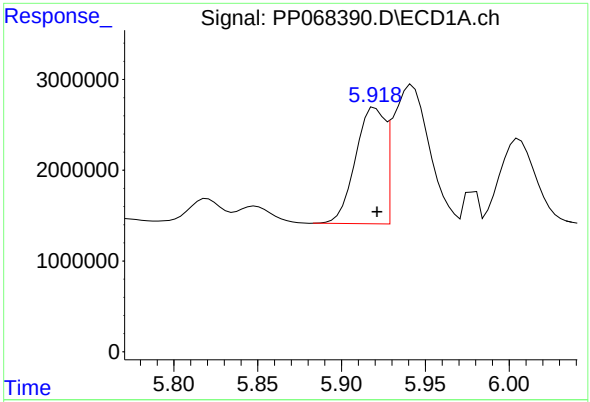
#20 AR-1242-5

R.T.: 6.838 min
Delta R.T.: -0.004 min
Response: 14184802
Conc: 584.21 ng/ml



#20 AR-1242-5

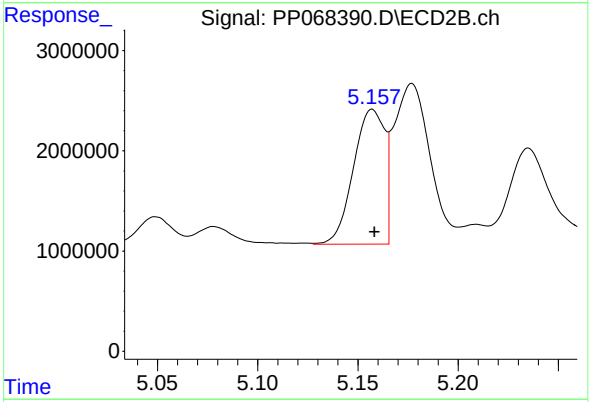
R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 16278038
Conc: 592.98 ng/ml



#21 AR-1248-1

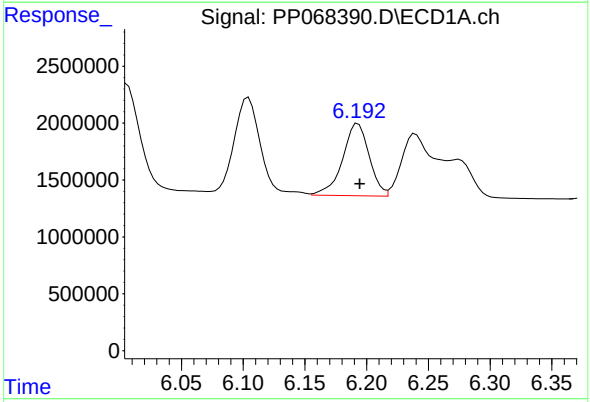
R.T.: 5.920 min
Delta R.T.: 0.000 min
Response: 15636105
Conc: 692.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1242



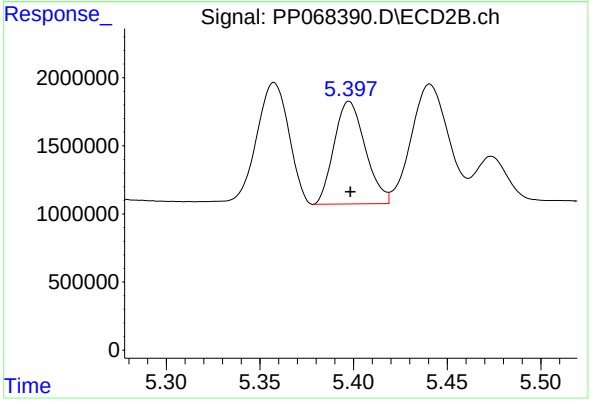
#21 AR-1248-1

R.T.: 5.157 min
Delta R.T.: -0.001 min
Response: 14588135
Conc: 667.73 ng/ml



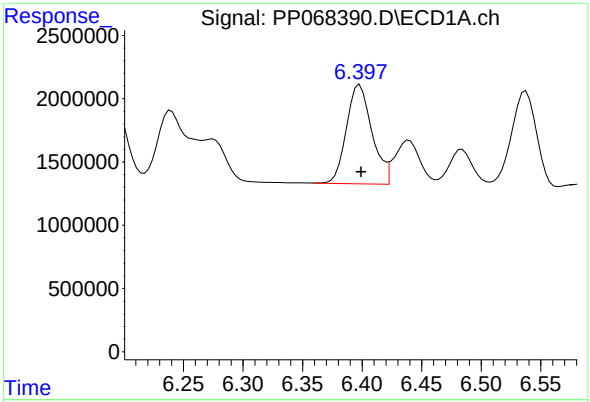
#22 AR-1248-2

R.T.: 6.193 min
Delta R.T.: -0.001 min
Response: 9536443
Conc: 283.73 ng/ml



#22 AR-1248-2

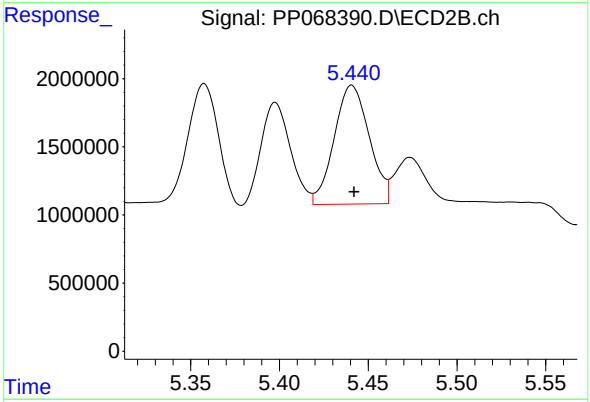
R.T.: 5.398 min
Delta R.T.: 0.000 min
Response: 8725890
Conc: 272.95 ng/ml



#23 AR-1248-3

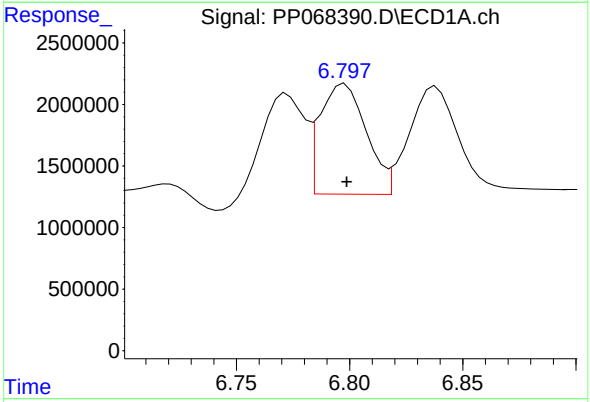
R.T.: 6.398 min
Delta R.T.: -0.001 min
Response: 11682962
Conc: 319.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1242



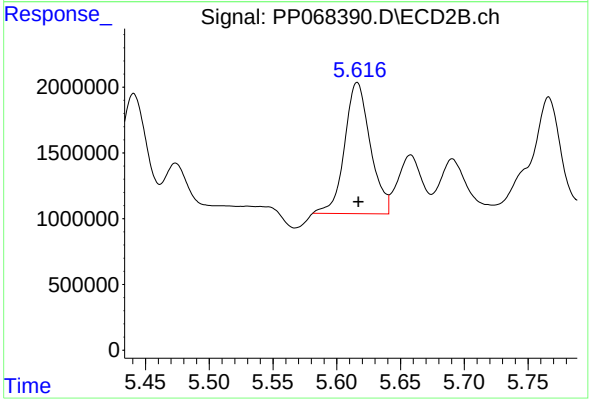
#23 AR-1248-3

R.T.: 5.441 min
Delta R.T.: -0.001 min
Response: 12039278
Conc: 359.29 ng/ml



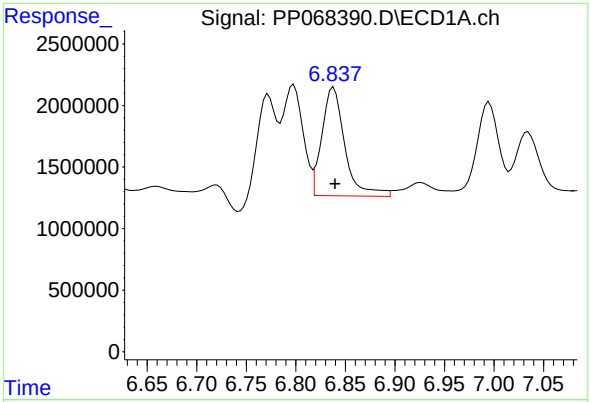
#24 AR-1248-4

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 12769343
Conc: 298.45 ng/ml



#24 AR-1248-4

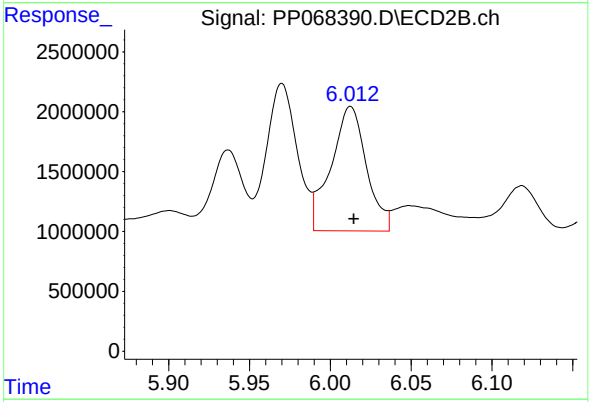
R.T.: 5.616 min
Delta R.T.: -0.001 min
Response: 14018786
Conc: 361.04 ng/ml



#25 AR-1248-5

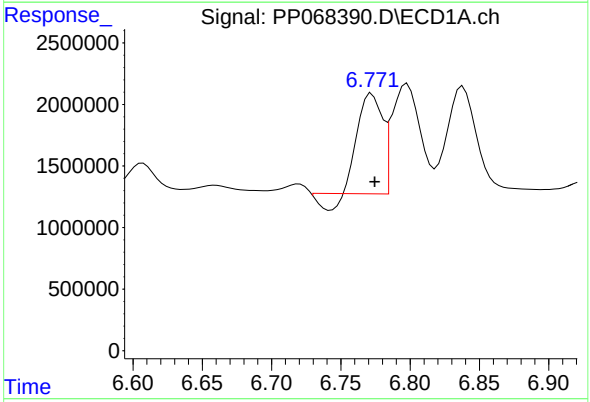
R.T.: 6.838 min
Delta R.T.: -0.001 min
Response: 14184802
Conc: 341.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1242



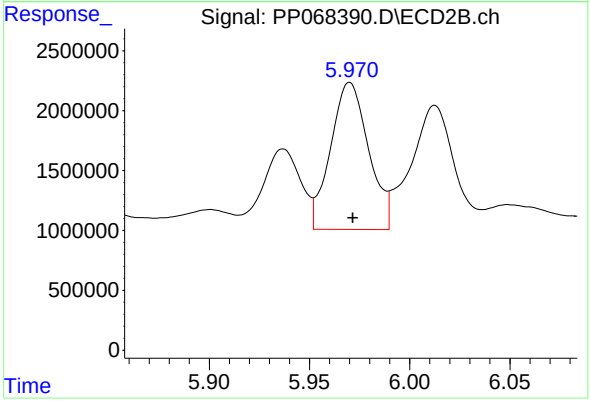
#25 AR-1248-5

R.T.: 6.013 min
Delta R.T.: -0.002 min
Response: 15894645
Conc: 428.79 ng/ml



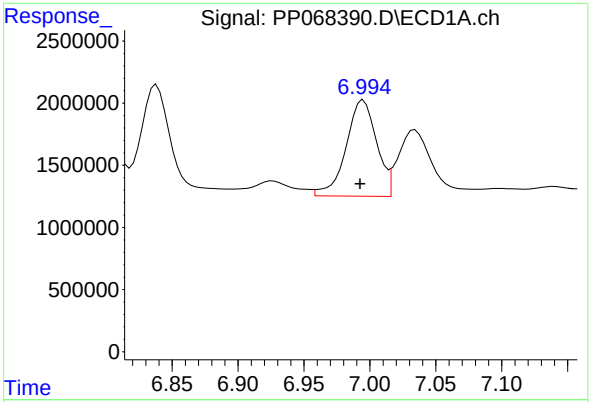
#26 AR-1254-1

R.T.: 6.772 min
Delta R.T.: -0.002 min
Response: 9104001
Conc: 175.46 ng/ml



#26 AR-1254-1

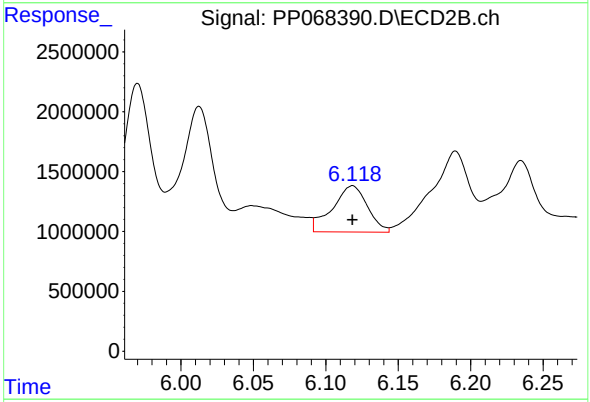
R.T.: 5.970 min
Delta R.T.: -0.001 min
Response: 16278038
Conc: 268.43 ng/ml



#27 AR-1254-2

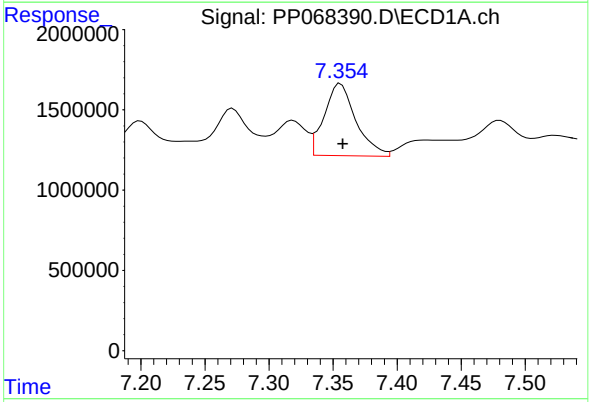
R.T.: 6.995 min
Delta R.T.: 0.003 min
Response: 12462397
Conc: 182.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1242



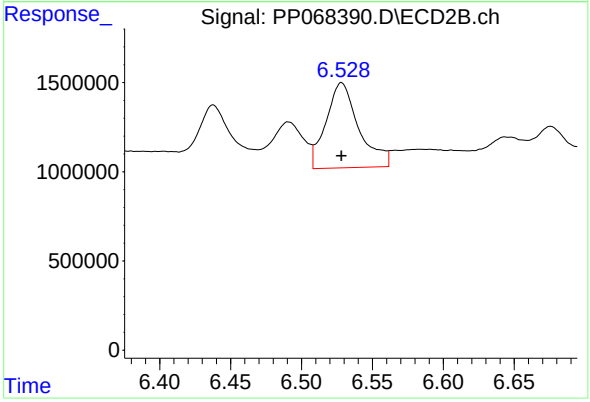
#27 AR-1254-2

R.T.: 6.118 min
Delta R.T.: 0.000 min
Response: 6504941
Conc: 123.35 ng/ml



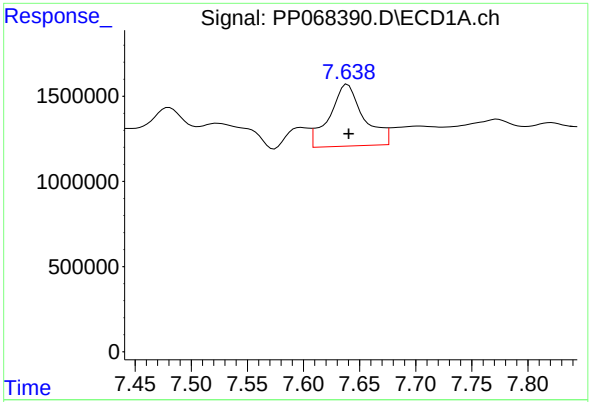
#28 AR-1254-3

R.T.: 7.356 min
Delta R.T.: -0.002 min
Response: 7733118
Conc: 108.22 ng/ml



#28 AR-1254-3

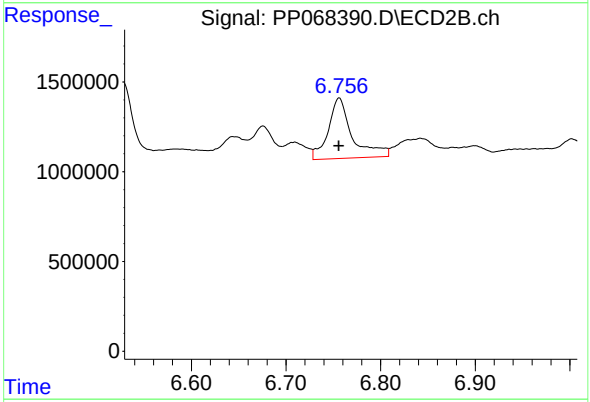
R.T.: 6.528 min
Delta R.T.: 0.000 min
Response: 7716855
Conc: 92.68 ng/ml



#29 AR-1254-4

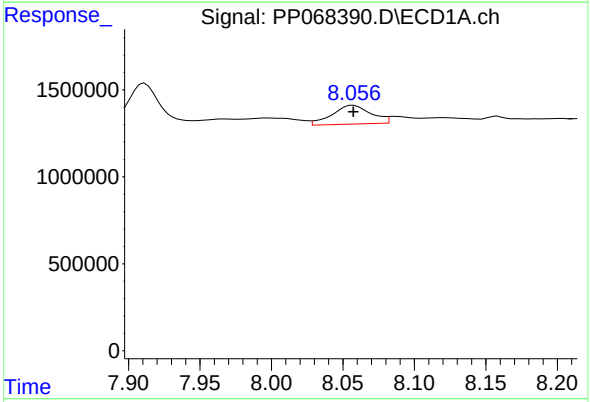
R.T.: 7.639 min
Delta R.T.: 0.000 min
Response: 7707038
Conc: 143.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1242



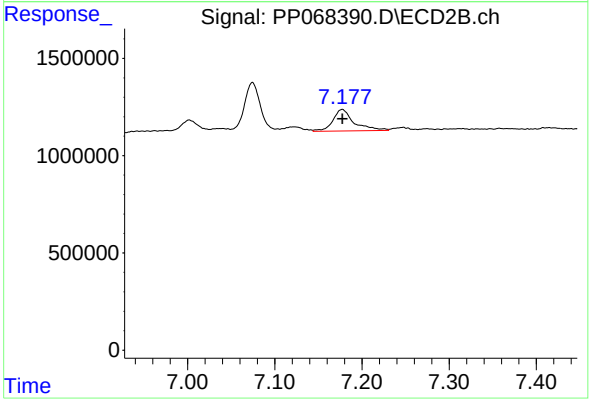
#29 AR-1254-4

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 5911061
Conc: 121.56 ng/ml



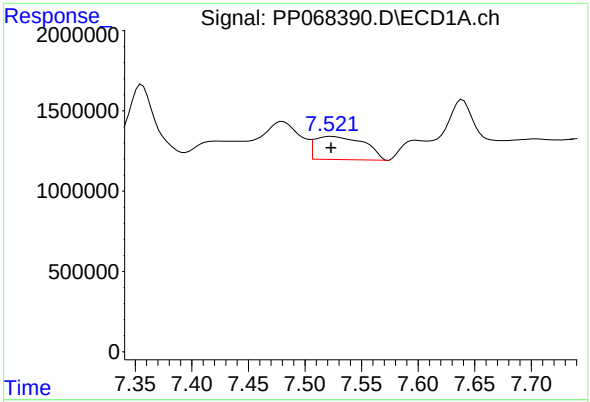
#30 AR-1254-5

R.T.: 8.057 min
Delta R.T.: 0.000 min
Response: 2047226
Conc: 32.67 ng/ml



#30 AR-1254-5

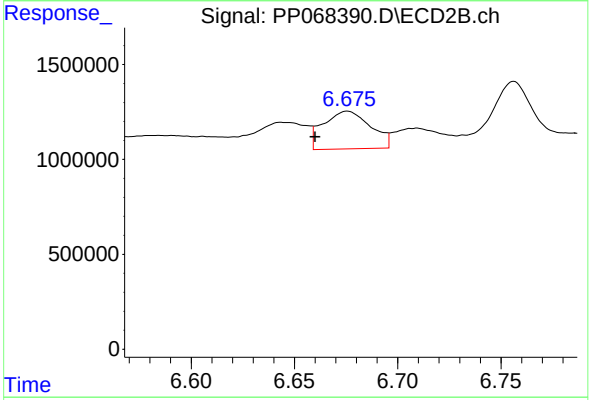
R.T.: 7.177 min
Delta R.T.: 0.000 min
Response: 1870255
Conc: 25.06 ng/ml



#31 AR-1260-1

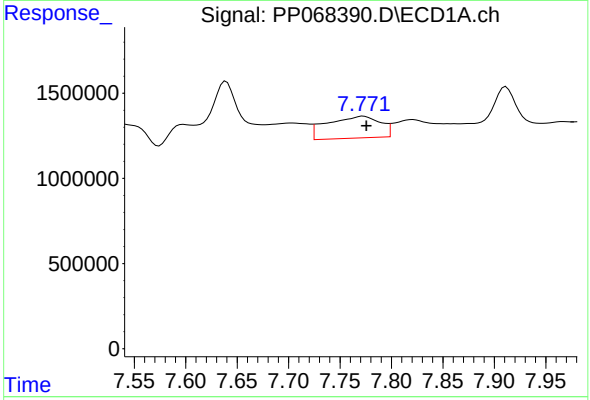
R.T.: 7.523 min
Delta R.T.: 0.000 min
Response: 4367641
Conc: 80.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1242



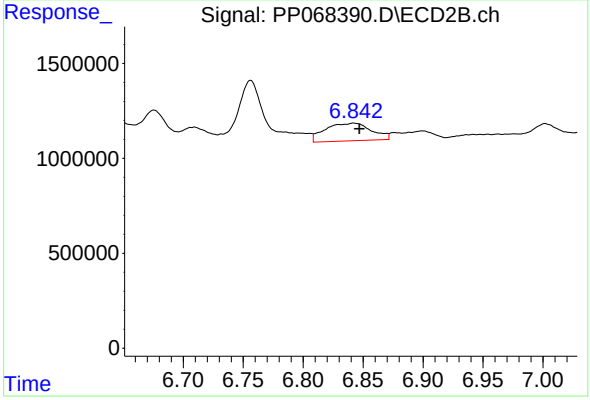
#31 AR-1260-1

R.T.: 6.676 min
Delta R.T.: 0.016 min
Response: 3179777
Conc: 57.14 ng/ml



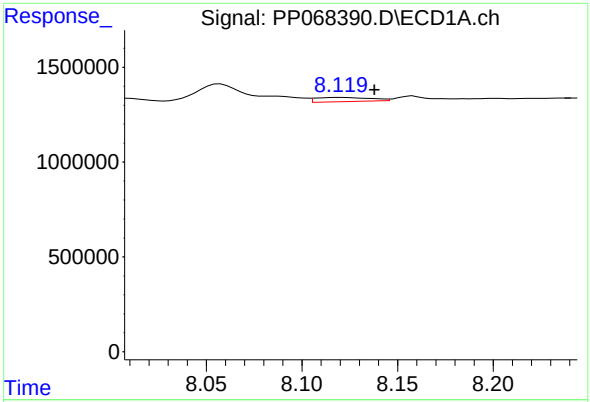
#32 AR-1260-2

R.T.: 7.773 min
Delta R.T.: -0.003 min
Response: 4592045
Conc: 72.19 ng/ml



#32 AR-1260-2

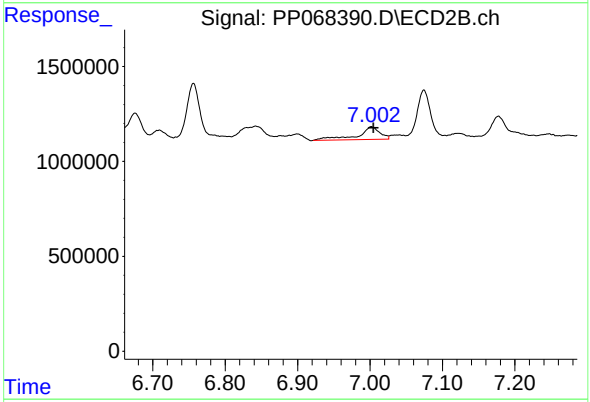
R.T.: 6.842 min
Delta R.T.: -0.005 min
Response: 2511997
Conc: 37.93 ng/ml



#33 AR-1260-3

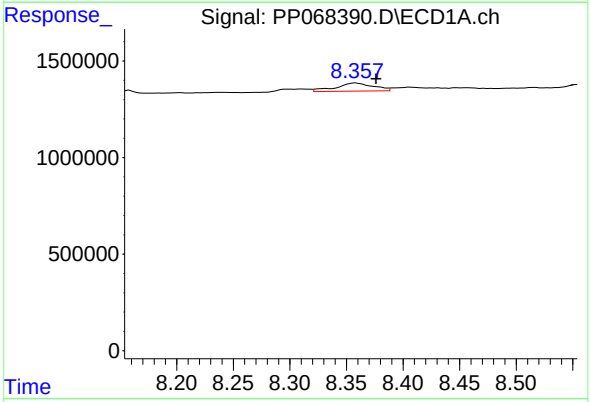
R.T.: 8.120 min
Delta R.T.: -0.017 min
Response: 443295
Conc: 8.24 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1242



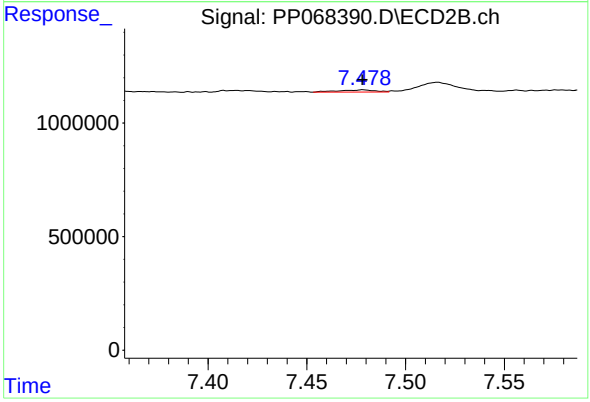
#33 AR-1260-3

R.T.: 7.002 min
Delta R.T.: -0.003 min
Response: 1436016
Conc: 23.20 ng/ml



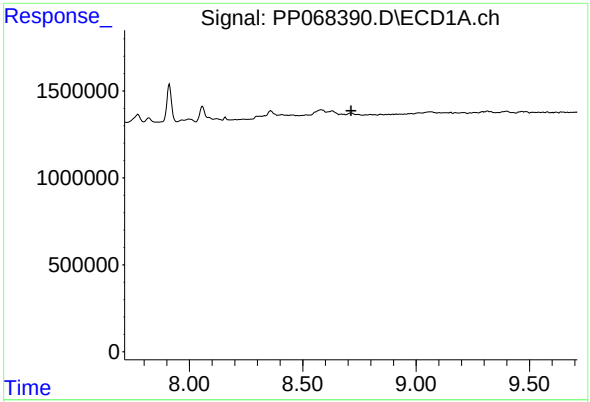
#34 AR-1260-4

R.T.: 8.358 min
Delta R.T.: -0.018 min
Response: 979777
Conc: 15.74 ng/ml



#34 AR-1260-4

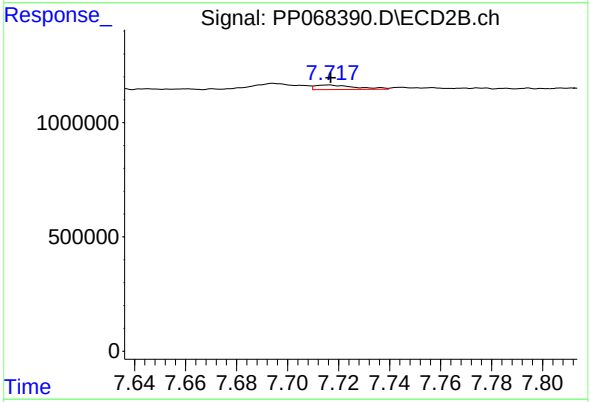
R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 123720
Conc: 2.35 ng/ml



#35 AR-1260-5

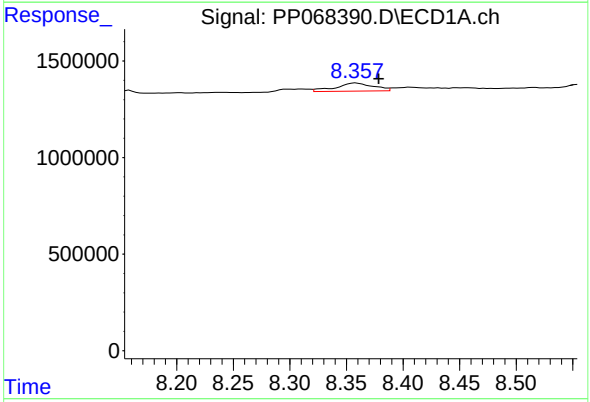
R.T.: 0.000 min
Exp R.T. : 8.713 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1242



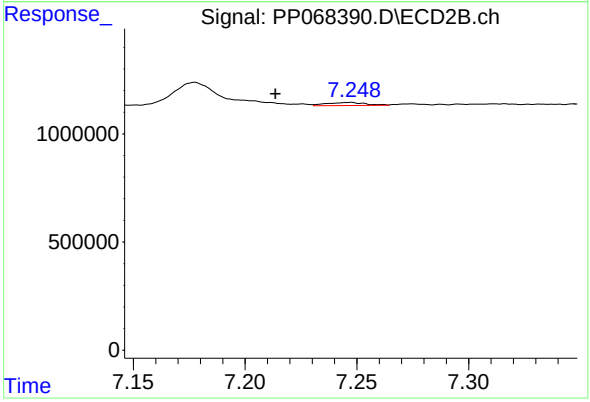
#35 AR-1260-5

R.T.: 7.716 min
Delta R.T.: -0.001 min
Response: 217143
Conc: 1.82 ng/ml



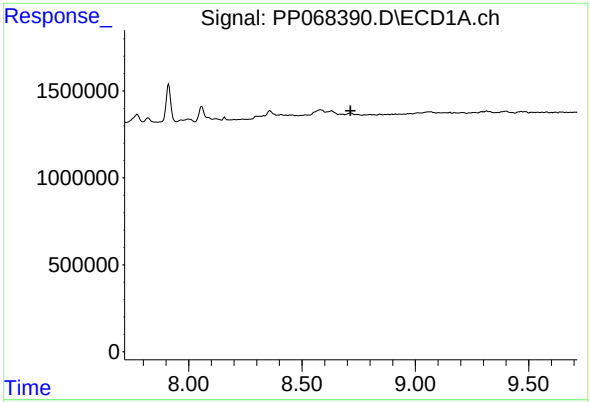
#36 AR-1262-1

R.T.: 8.358 min
Delta R.T.: -0.020 min
Response: 979777
Conc: 13.22 ng/ml



#36 AR-1262-1

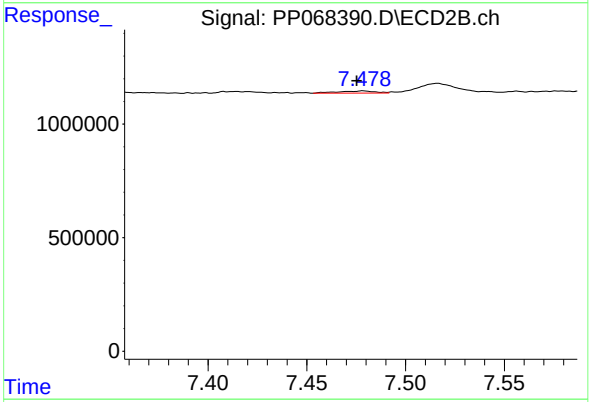
R.T.: 7.247 min
Delta R.T.: 0.033 min
Response: 172805
Conc: 2.23 ng/ml



#37 AR-1262-2

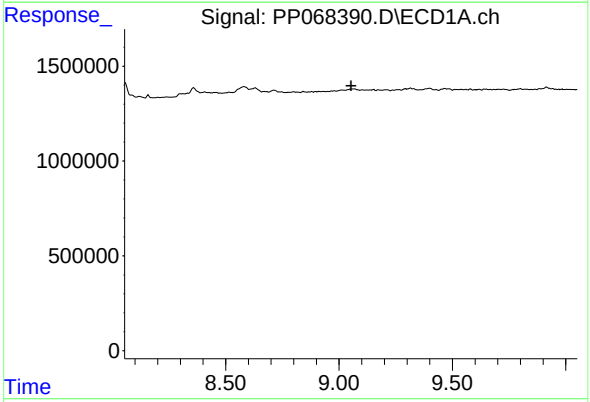
R.T.: 0.000 min
Exp R.T. : 8.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1242



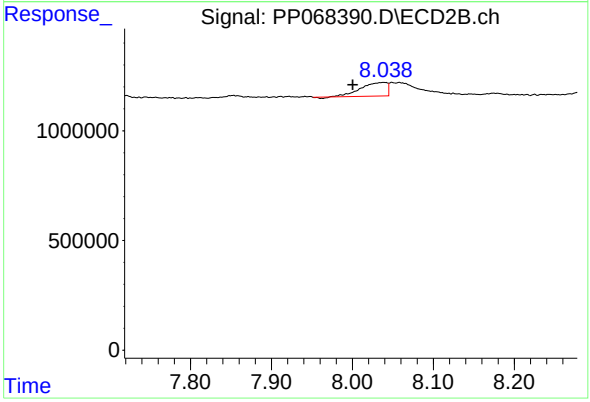
#37 AR-1262-2

R.T.: 7.479 min
Delta R.T.: 0.003 min
Response: 123720
Conc: 1.75 ng/ml



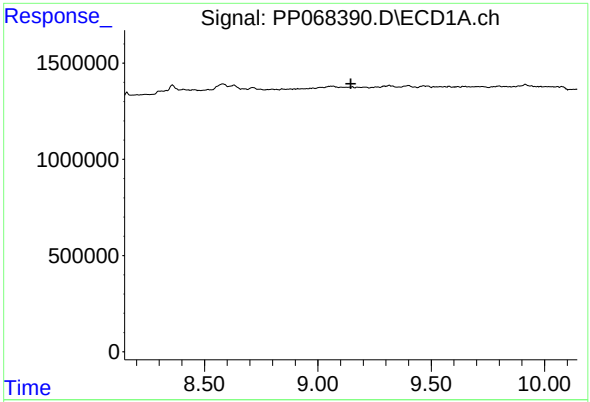
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.054 min
Response: 0
Conc: N.D.



#38 AR-1262-3

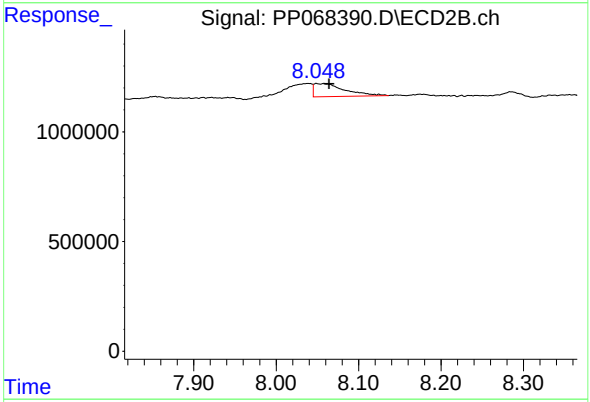
R.T.: 8.039 min
Delta R.T.: 0.038 min
Response: 1396360
Conc: 23.73 ng/ml



#39 AR-1262-4

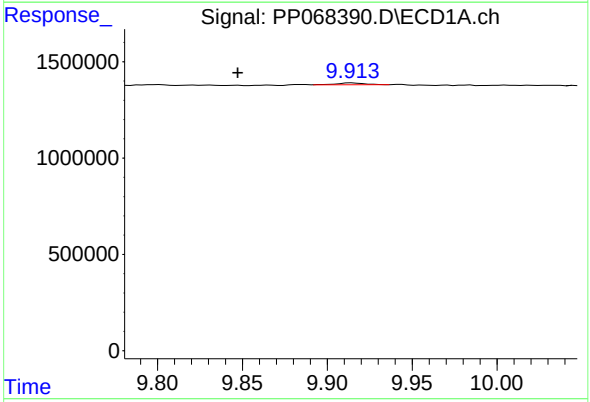
R.T.: 0.000 min
Exp R.T. : 9.146 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1242



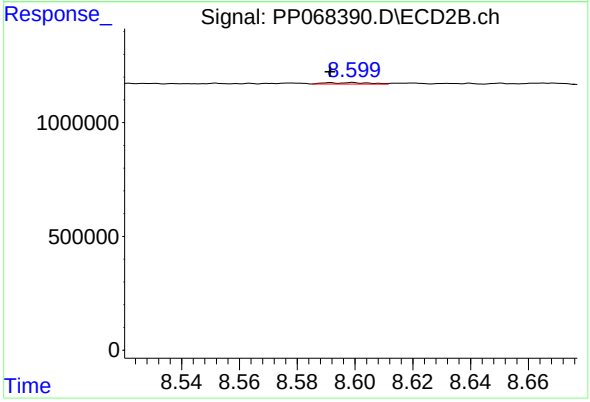
#39 AR-1262-4

R.T.: 8.049 min
Delta R.T.: -0.015 min
Response: 1549552
Conc: 14.96 ng/ml



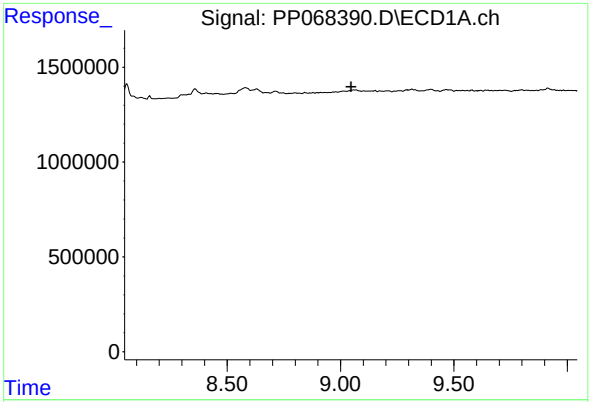
#40 AR-1262-5

R.T.: 9.915 min
Delta R.T.: 0.068 min
Response: 107363
Conc: 2.01 ng/ml



#40 AR-1262-5

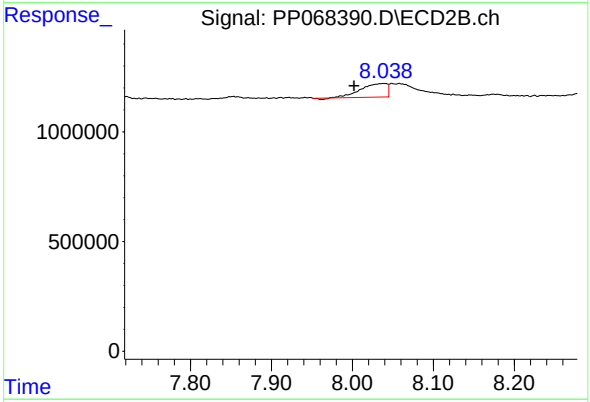
R.T.: 8.599 min
Delta R.T.: 0.008 min
Response: 65075
Conc: 1.28 ng/ml



#41 AR-1268-1

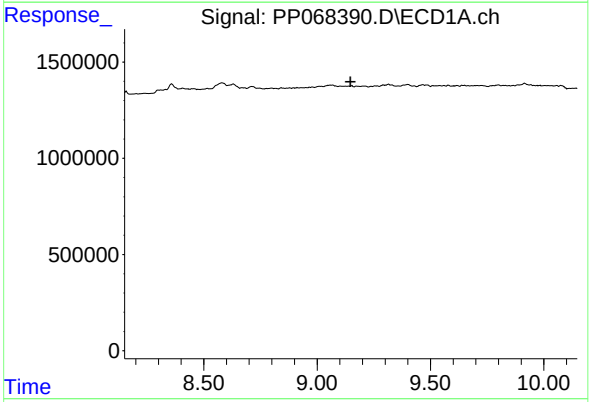
R.T.: 0.000 min
Exp R.T. : 9.047 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1242



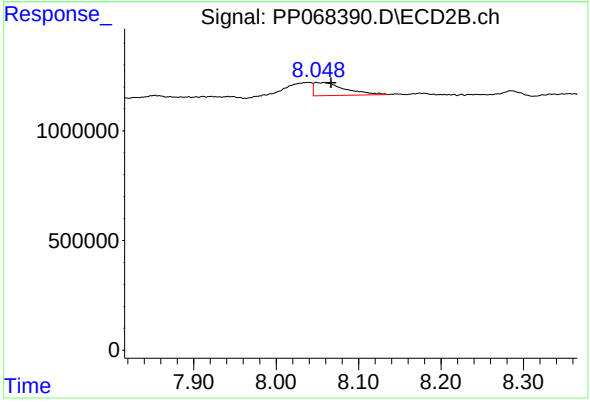
#41 AR-1268-1

R.T.: 8.039 min
Delta R.T.: 0.037 min
Response: 1396360
Conc: 8.97 ng/ml



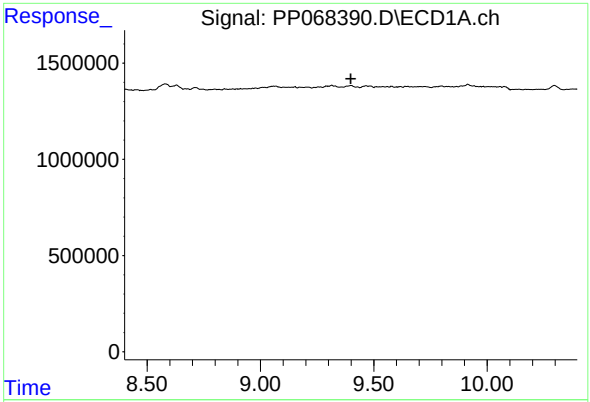
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.147 min
Response: 0
Conc: N.D.



#42 AR-1268-2

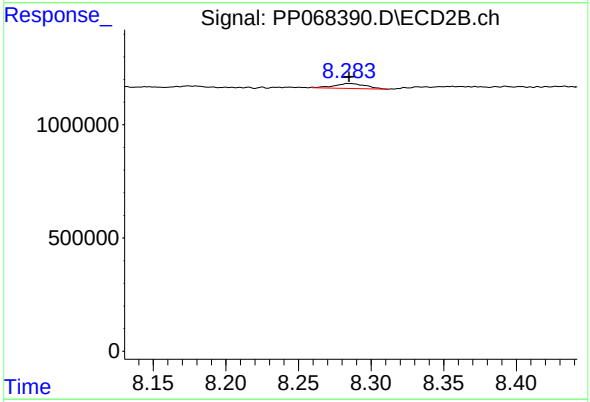
R.T.: 8.049 min
Delta R.T.: -0.018 min
Response: 1549552
Conc: 10.95 ng/ml



#43 AR-1268-3

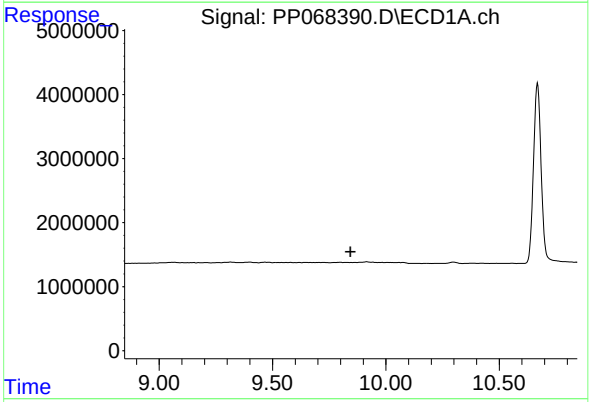
R.T.: 0.000 min
Exp R.T. : 9.398 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1242



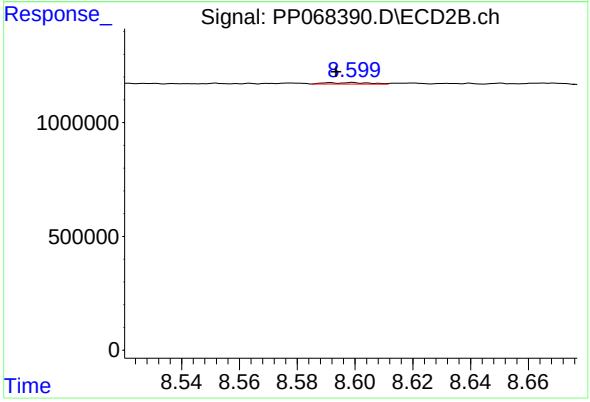
#43 AR-1268-3

R.T.: 8.285 min
Delta R.T.: 0.000 min
Response: 322671
Conc: 2.59 ng/ml



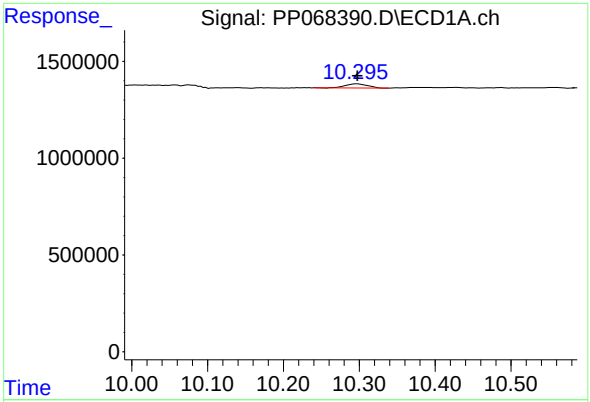
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.844 min
Response: 0
Conc: N.D.



#44 AR-1268-4

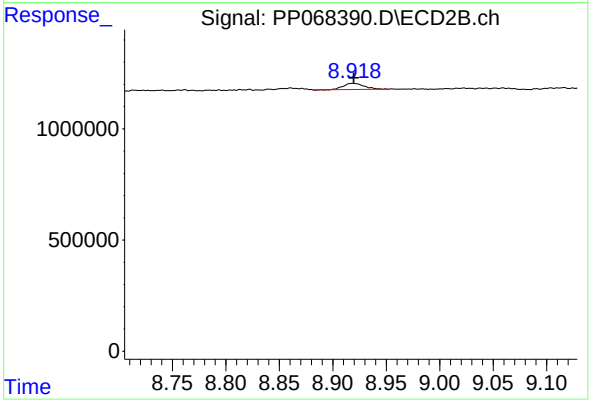
R.T.: 8.599 min
Delta R.T.: 0.006 min
Response: 65075
Conc: 1.19 ng/ml



#45 AR-1268-5

R.T.: 10.297 min
Delta R.T.: 0.000 min
Response: 440102
Conc: 1.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1242



#45 AR-1268-5

R.T.: 8.918 min
Delta R.T.: -0.001 min
Response: 373083
Conc: 0.99 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068392.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 11:45
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 12:01:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.756	4.049	49771307	50055306	51.278	51.695	
2)	SA Decachlor...	10.670	9.208	64599990	60296903	51.619	53.304	
	Target Compounds							
3)	L1 AR-1016-1	5.916	5.157	2038470	2863588	56.725	86.652	#
4)	L1 AR-1016-2	5.916	5.176	2038470	2167820	38.498	46.378	
5)	L1 AR-1016-3	0.000	5.357	0	3841962	N.D.	142.083	#
6)	L1 AR-1016-4	6.103	5.397	255035	15146355	9.704	641.931	#
7)	L1 AR-1016-5	6.399	5.615	7982636	9051125	282.992	305.346	
8)	L2 AR-1221-1	0.000	4.263	0	33864	N.D.	2.685	#
9)	L2 AR-1221-2	5.062	4.358	1006958	783895	99.842	80.211	
10)	L2 AR-1221-3	5.062f	4.430	1006958	160920	33.277	5.278	#
11)	L3 AR-1232-1	5.062f	4.430	1006958	160920	43.181	6.818	#
12)	L3 AR-1232-2	0.000	5.176	0	2167820	N.D.	99.509	#
13)	L3 AR-1232-3	5.916	5.357	2038470	3841962	81.363	342.707	#
14)	L3 AR-1232-4	6.103	5.439	255035	7651943	20.604	698.392	#
15)	L3 AR-1232-5	6.193	5.615	11869201	9051125	1193.508	734.667	#
16)	L4 AR-1242-1	5.916	5.157	2038470	2863588	68.237	103.045	#
17)	L4 AR-1242-2	5.916	5.176	2038470	2167820	46.222	56.125	
18)	L4 AR-1242-3	0.000	5.357	0	3841962	N.D.	180.543	#
19)	L4 AR-1242-4	6.103	5.439	255035	7651943	11.656	335.705	#
20)	L4 AR-1242-5	6.843	5.971	8971845	34473417	369.510	1255.800	#
21)	L5 AR-1248-1	5.916	5.157	2038470	2863588	90.340	131.072	#
22)	L5 AR-1248-2	6.193	5.397	11869201	15146355	353.138	473.782	#
23)	L5 AR-1248-3	6.399	5.439	7982636	7651943	218.608	228.360	
24)	L5 AR-1248-4	6.775	5.615	33425928	9051125	781.241	233.103	#
25)	L5 AR-1248-5	6.843	6.010	8971845	5271699	215.985	142.216	#
26)	L6 AR-1254-1	6.775	5.971	33425928	34473417	644.214	568.475	
27)	L6 AR-1254-2	6.993	6.118	34878260	28264573	511.130	535.971	
28)	L6 AR-1254-3	7.357	6.528	37589018	44409341	526.029	533.374	
29)	L6 AR-1254-4	7.641	6.756	32304413	25764643	600.294	529.836	
30)	L6 AR-1254-5	8.058	7.177	36209324	37295416	577.808	499.713	
31)	L7 AR-1260-1	7.522	6.658	18798634	24262823	347.453	435.998	#
32)	L7 AR-1260-2	7.775	6.845	21032133	19891319	330.637	300.311	
33)	L7 AR-1260-3	8.122	7.002	5089777	17897124	94.620	289.170	#
34)	L7 AR-1260-4	8.359	7.477	12980447	1901599	208.595	36.058	#
35)	L7 AR-1260-5	8.712	7.714	5142856	4768836	45.438	40.049	
36)	L8 AR-1262-1	8.359	7.248	12980447	4364863	175.097	56.251	#
37)	L8 AR-1262-2	8.712	7.477	5142856	1901599	39.868	26.899	#
38)	L8 AR-1262-3	9.063	7.947f	4069401	26933	42.531	0.458	#
39)	L8 AR-1262-4	9.114	8.063	900168	11431399	11.784	110.340	#
40)	L8 AR-1262-5	9.917f	8.592	1709261	244058	31.959	4.815	#
41)	L9 AR-1268-1	9.063	7.947f	4069401	26933	26.374	0.173	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068392.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 11:45
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 12:01:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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	9.114	8.063	900168	11431399	6.430	80.754	#
43) L9	AR-1268-3	9.393	8.286	749406	314559	5.964	2.526	#
44) L9	AR-1268-4	0.000	8.592	0	244058	N.D.	4.470	#
45) L9	AR-1268-5	10.298	8.921	461899	254532	1.164	0.676	#

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

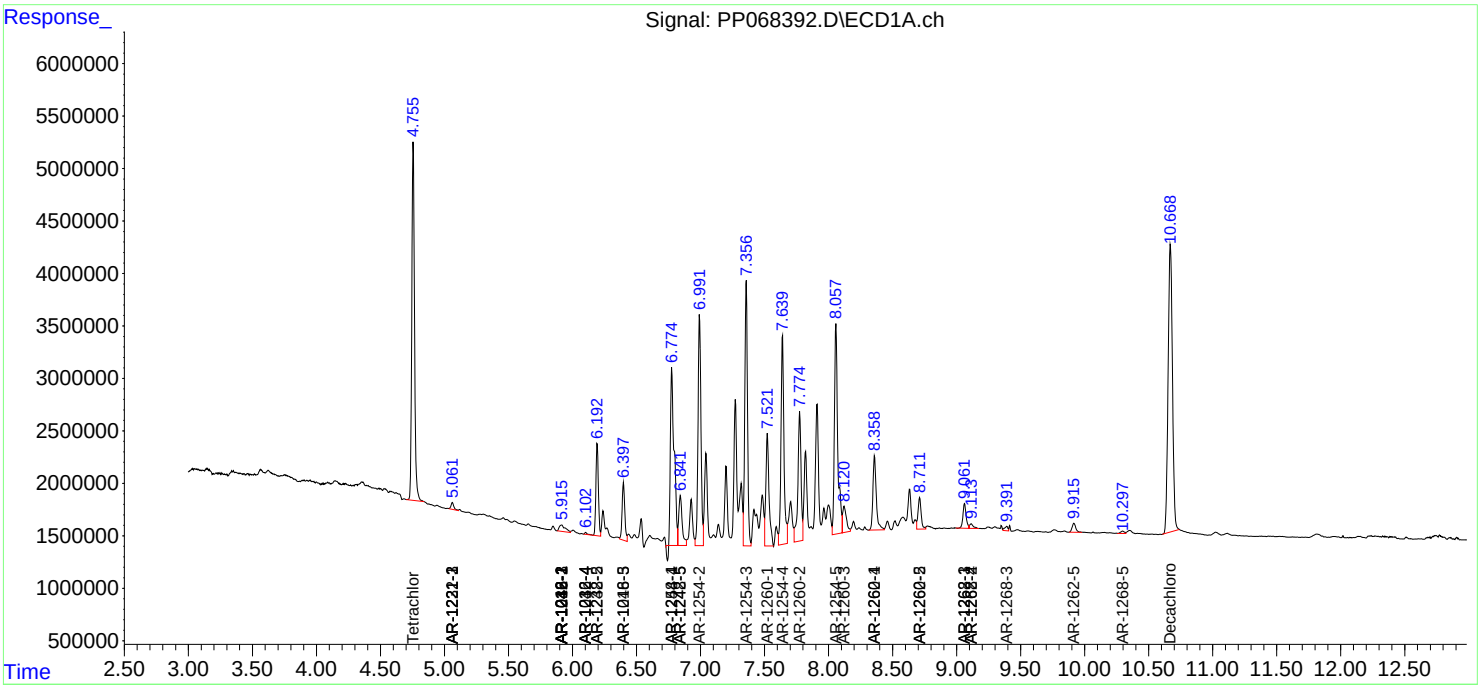
Quantitation Report (Not Reviewed)

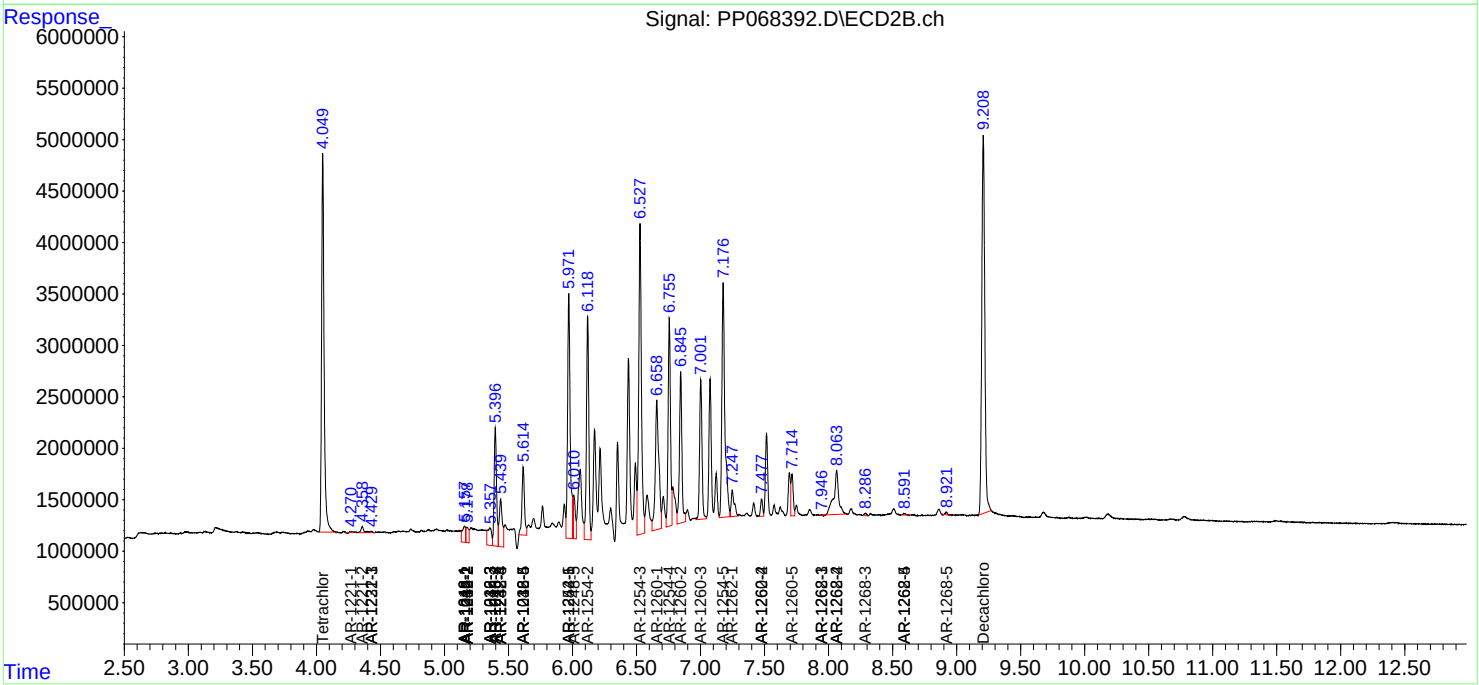
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068392.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 11:45
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

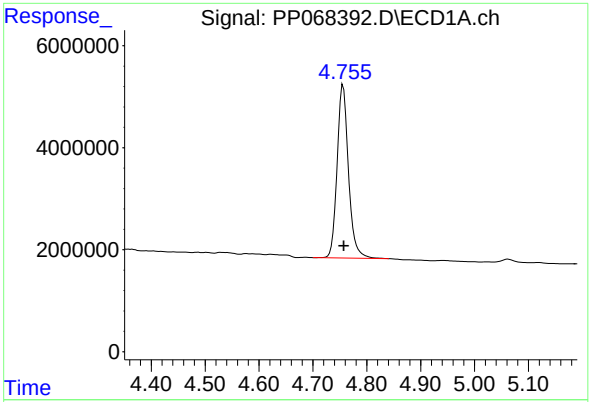
Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 12:01:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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



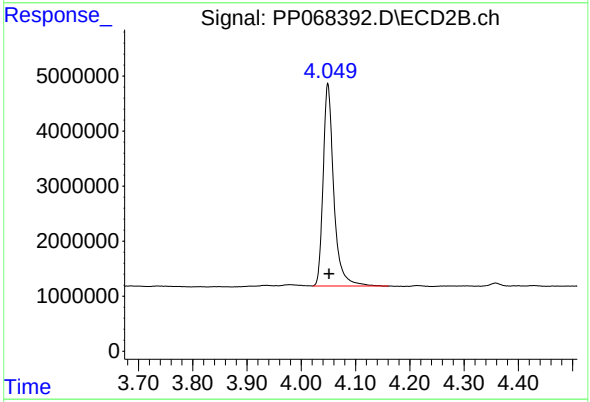




#1 Tetrachloro-m-xylene

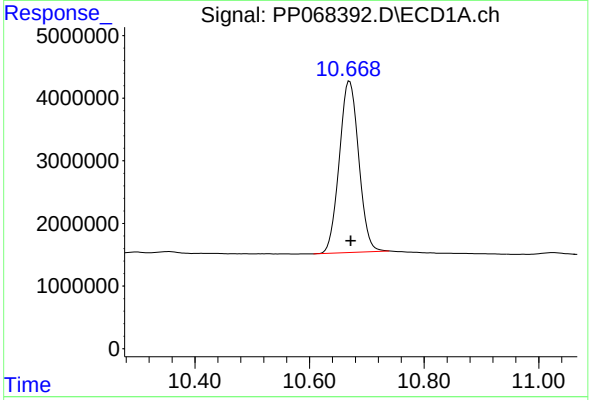
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 49771307
Conc: 51.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1254



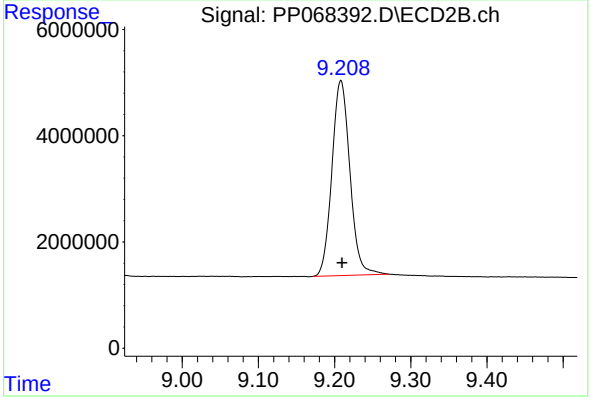
#1 Tetrachloro-m-xylene

R.T.: 4.049 min
Delta R.T.: -0.002 min
Response: 50055306
Conc: 51.69 ng/ml



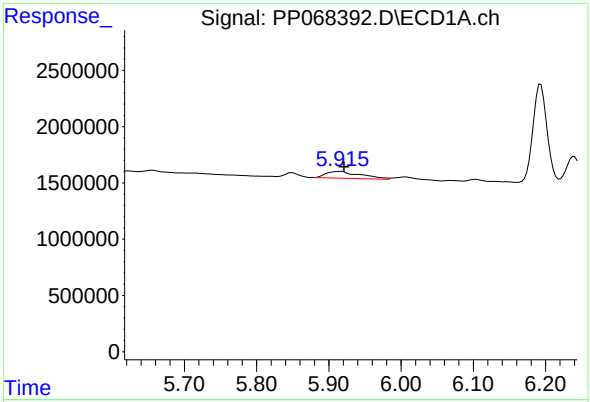
#2 Decachlorobiphenyl

R.T.: 10.670 min
Delta R.T.: -0.002 min
Response: 64599990
Conc: 51.62 ng/ml



#2 Decachlorobiphenyl

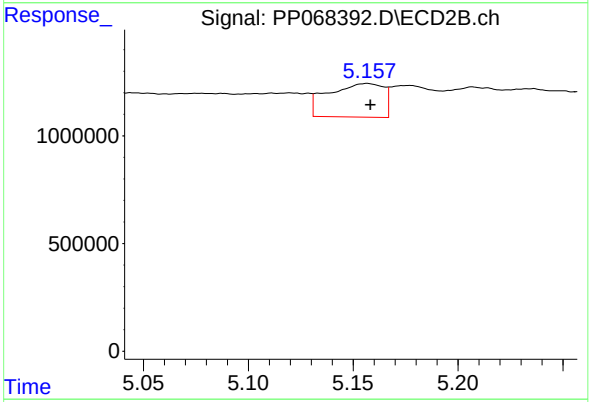
R.T.: 9.208 min
Delta R.T.: -0.002 min
Response: 60296903
Conc: 53.30 ng/ml



#3 AR-1016-1

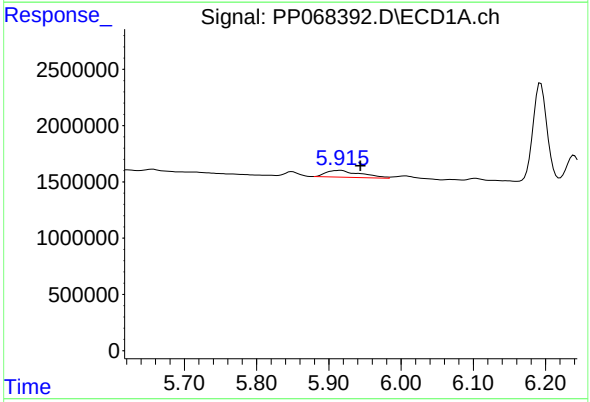
R.T.: 5.916 min
Delta R.T.: -0.005 min
Response: 2038470
Conc: 56.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1254



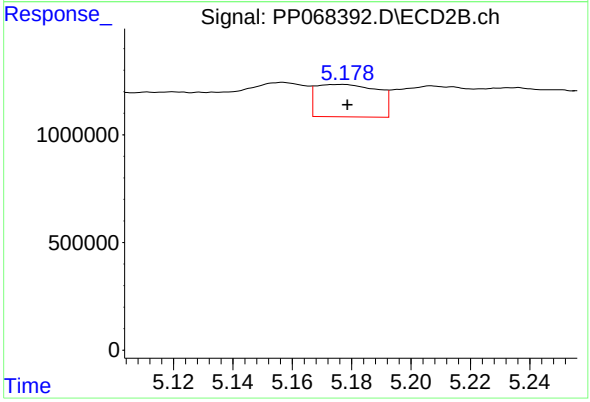
#3 AR-1016-1

R.T.: 5.157 min
Delta R.T.: -0.001 min
Response: 2863588
Conc: 86.65 ng/ml



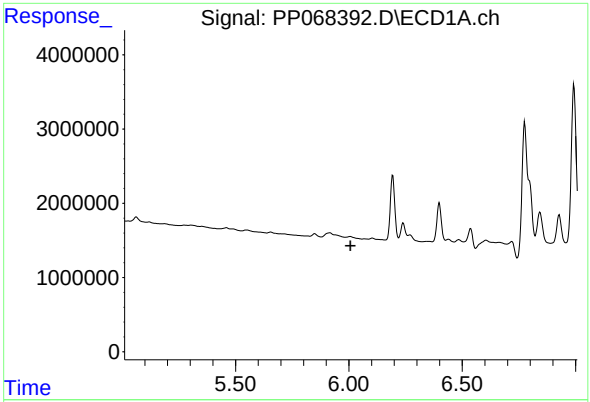
#4 AR-1016-2

R.T.: 5.916 min
Delta R.T.: -0.027 min
Response: 2038470
Conc: 38.50 ng/ml



#4 AR-1016-2

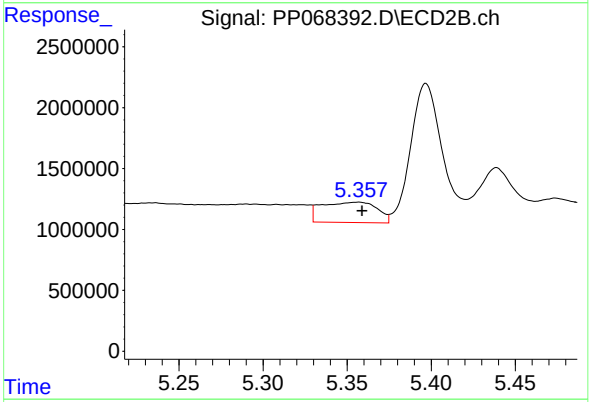
R.T.: 5.176 min
Delta R.T.: -0.002 min
Response: 2167820
Conc: 46.38 ng/ml



#5 AR-1016-3

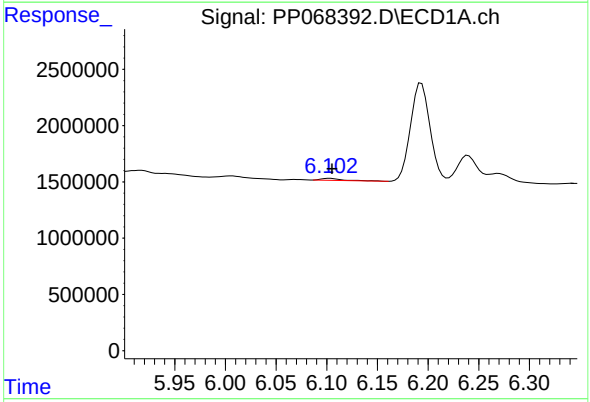
R.T.: 0.000 min
Exp R.T. : 6.008 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1254



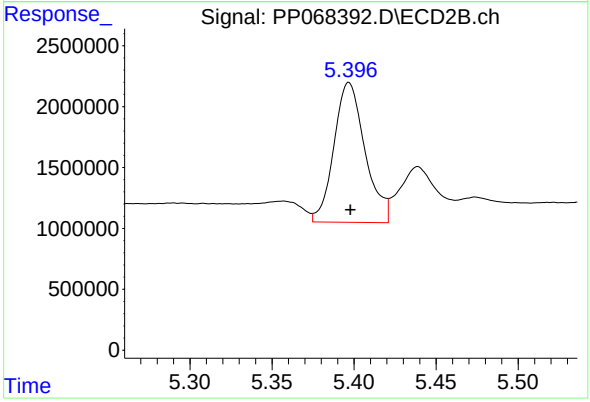
#5 AR-1016-3

R.T.: 5.357 min
Delta R.T.: -0.002 min
Response: 3841962
Conc: 142.08 ng/ml



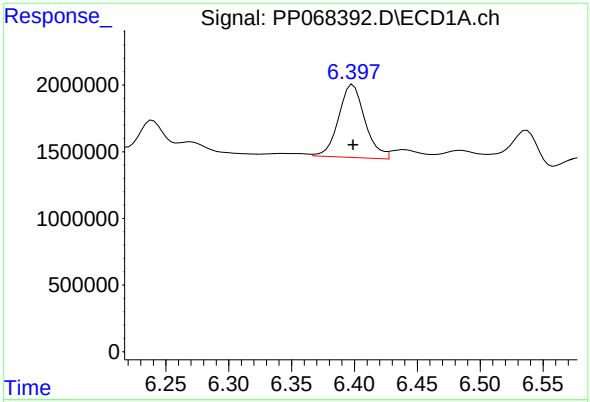
#6 AR-1016-4

R.T.: 6.103 min
Delta R.T.: -0.002 min
Response: 255035
Conc: 9.70 ng/ml



#6 AR-1016-4

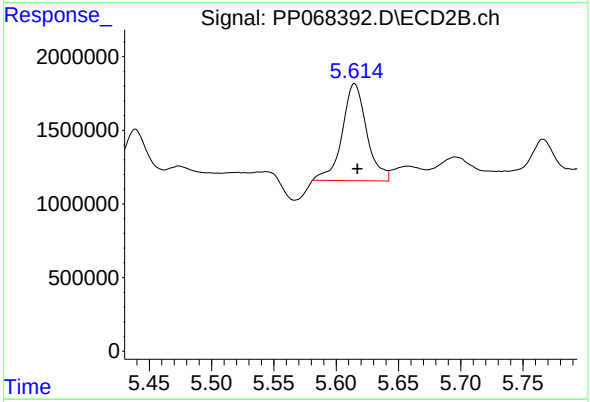
R.T.: 5.397 min
Delta R.T.: -0.001 min
Response: 15146355
Conc: 641.93 ng/ml



#7 AR-1016-5

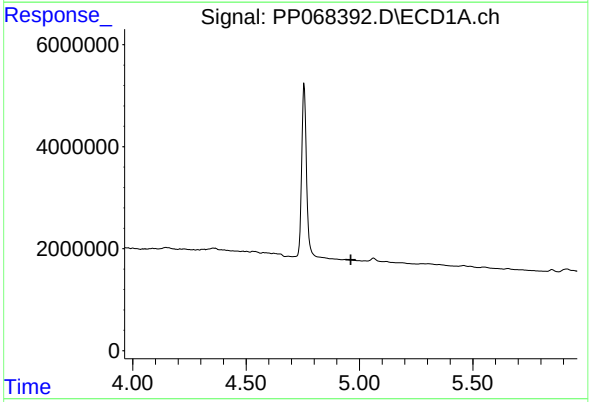
R.T.: 6.399 min
Delta R.T.: 0.000 min
Response: 7982636
Conc: 282.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1254



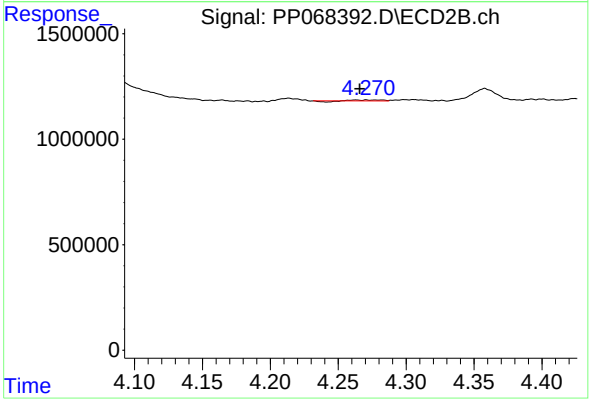
#7 AR-1016-5

R.T.: 5.615 min
Delta R.T.: -0.002 min
Response: 9051125
Conc: 305.35 ng/ml



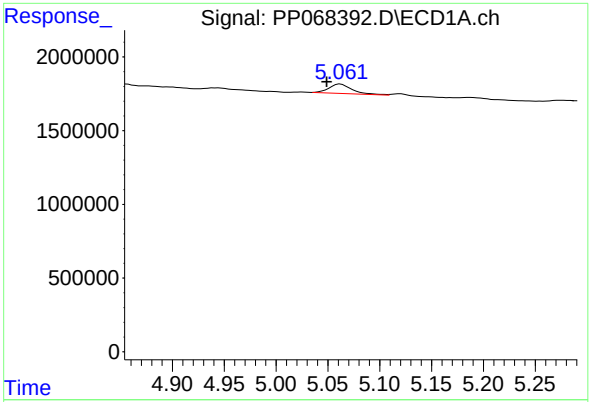
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.962 min
Response: 0
Conc: N.D.



#8 AR-1221-1

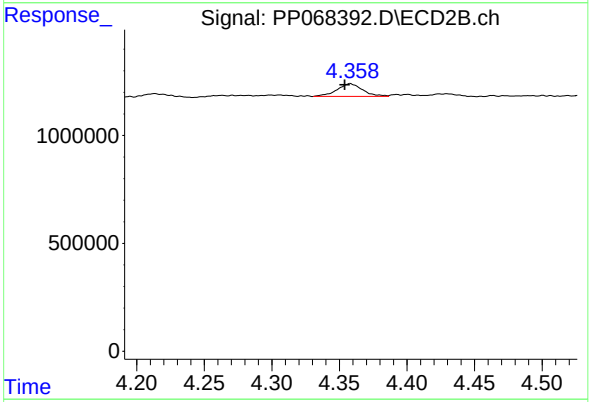
R.T.: 4.263 min
Delta R.T.: -0.002 min
Response: 33864
Conc: 2.69 ng/ml



#9 AR-1221-2

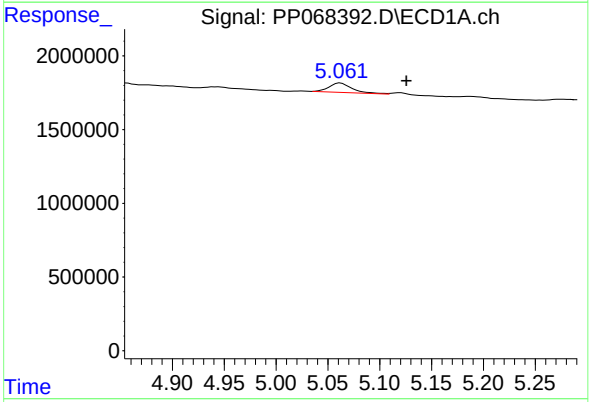
R.T.: 5.062 min
Delta R.T.: 0.013 min
Response: 1006958
Conc: 99.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1254



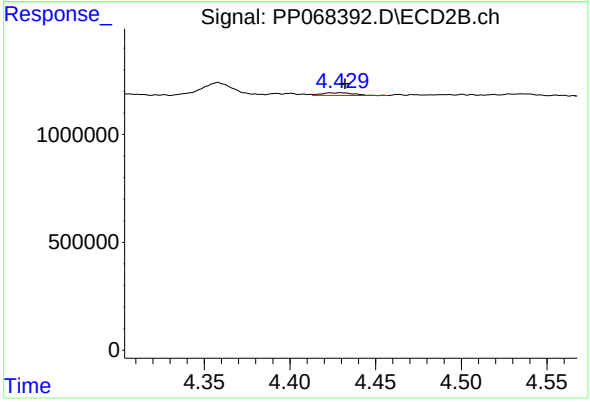
#9 AR-1221-2

R.T.: 4.358 min
Delta R.T.: 0.004 min
Response: 783895
Conc: 80.21 ng/ml



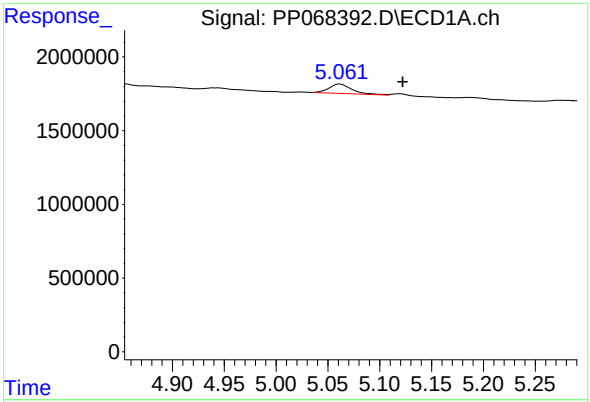
#10 AR-1221-3

R.T.: 5.062 min
Delta R.T.: -0.064 min
Response: 1006958
Conc: 33.28 ng/ml



#10 AR-1221-3

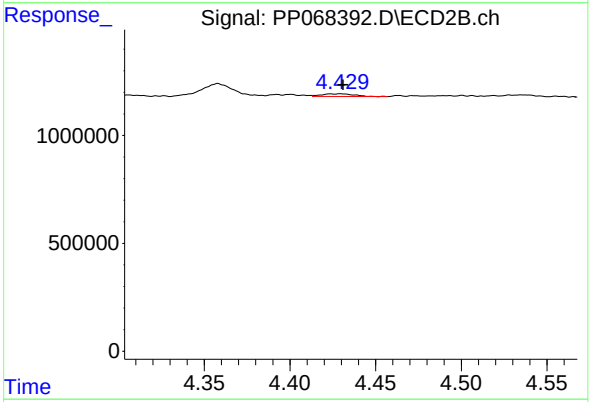
R.T.: 4.430 min
Delta R.T.: -0.002 min
Response: 160920
Conc: 5.28 ng/ml



#11 AR-1232-1

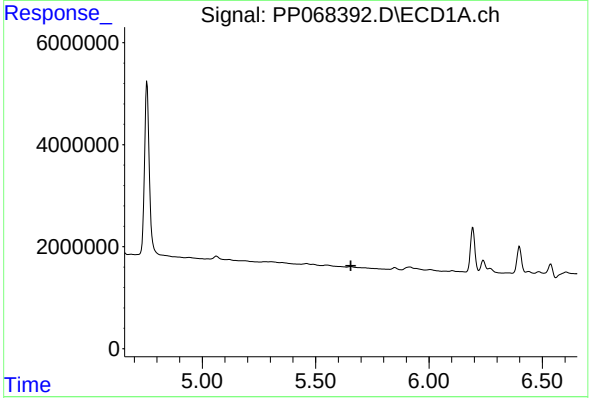
R.T.: 5.062 min
Delta R.T.: -0.060 min
Response: 1006958
Conc: 43.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1254



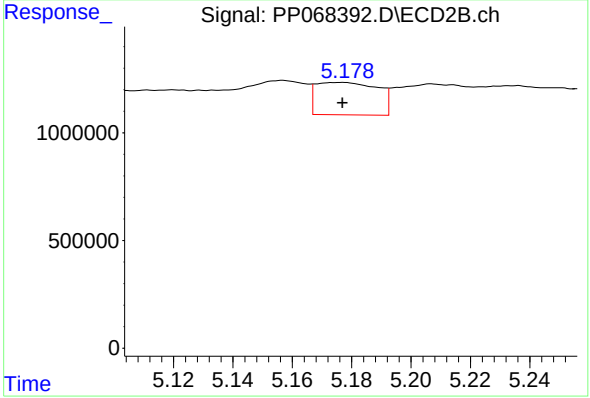
#11 AR-1232-1

R.T.: 4.430 min
Delta R.T.: -0.001 min
Response: 160920
Conc: 6.82 ng/ml



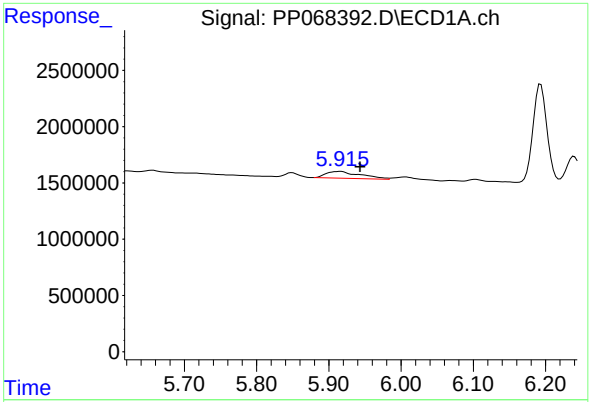
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.656 min
Response: 0
Conc: N.D.



#12 AR-1232-2

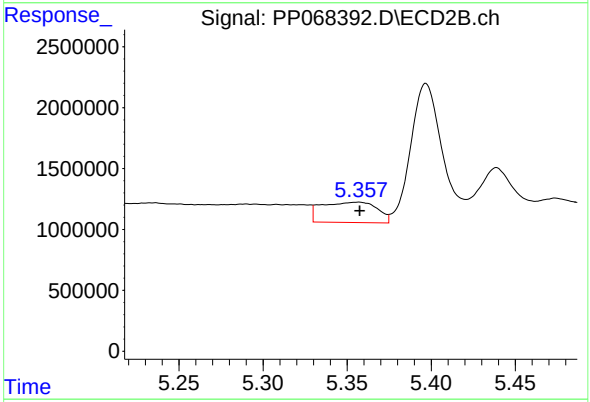
R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 2167820
Conc: 99.51 ng/ml



#13 AR-1232-3

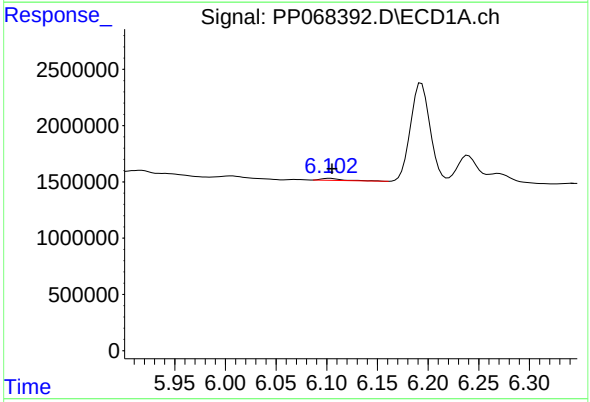
R.T.: 5.916 min
Delta R.T.: -0.027 min
Response: 2038470
Conc: 81.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1254



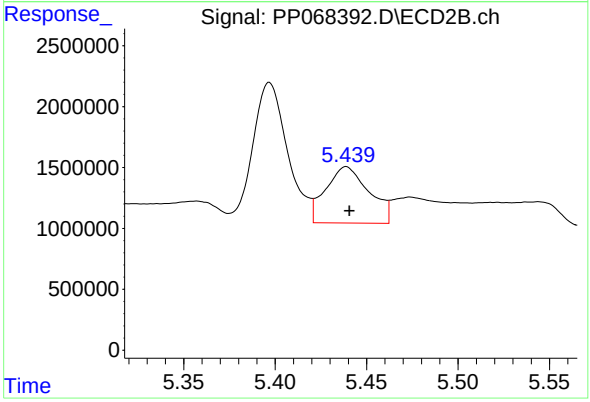
#13 AR-1232-3

R.T.: 5.357 min
Delta R.T.: 0.000 min
Response: 3841962
Conc: 342.71 ng/ml



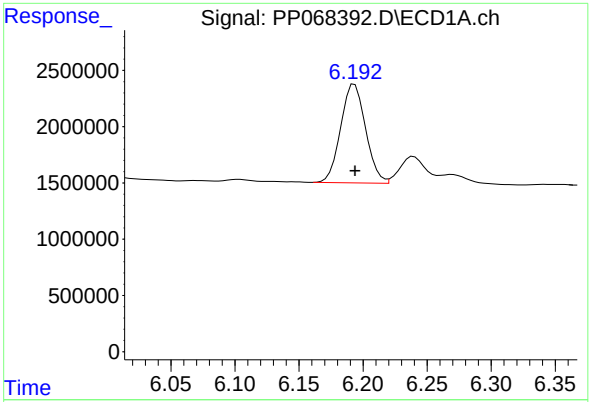
#14 AR-1232-4

R.T.: 6.103 min
Delta R.T.: -0.002 min
Response: 255035
Conc: 20.60 ng/ml



#14 AR-1232-4

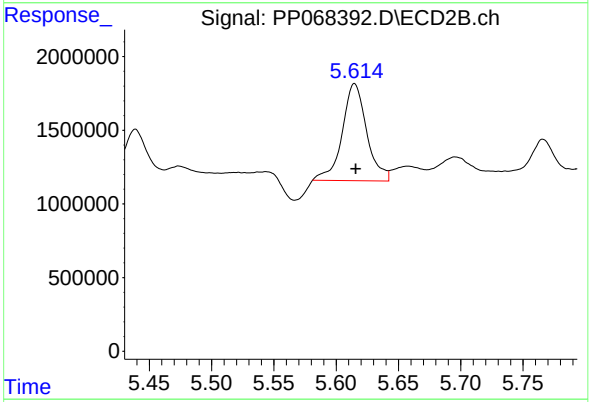
R.T.: 5.439 min
Delta R.T.: -0.002 min
Response: 7651943
Conc: 698.39 ng/ml



#15 AR-1232-5

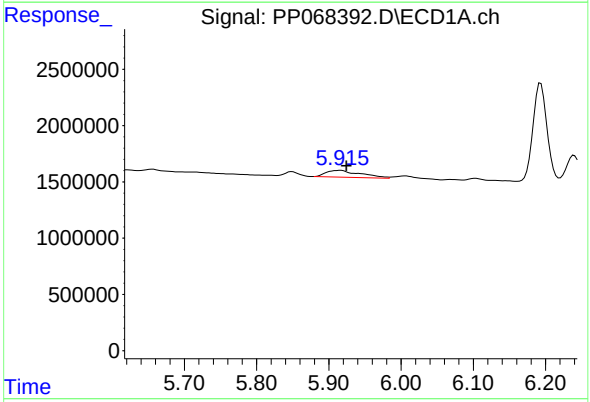
R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 11869201
Conc: 1193.51 ng/m

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1254



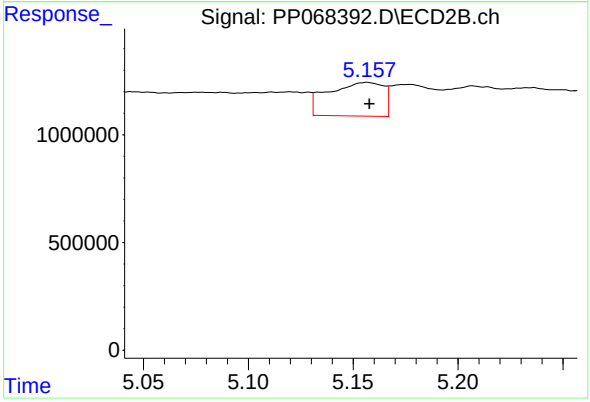
#15 AR-1232-5

R.T.: 5.615 min
Delta R.T.: -0.001 min
Response: 9051125
Conc: 734.67 ng/ml



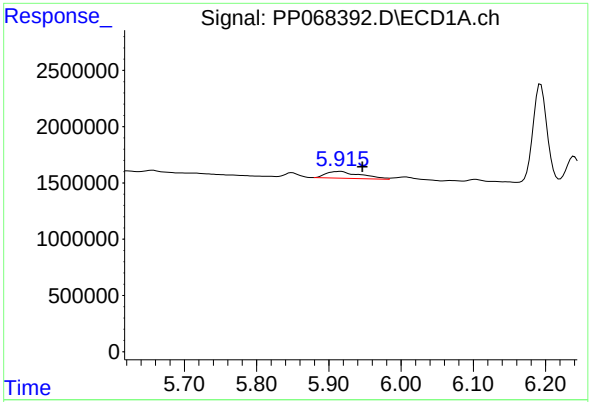
#16 AR-1242-1

R.T.: 5.916 min
Delta R.T.: -0.008 min
Response: 2038470
Conc: 68.24 ng/ml



#16 AR-1242-1

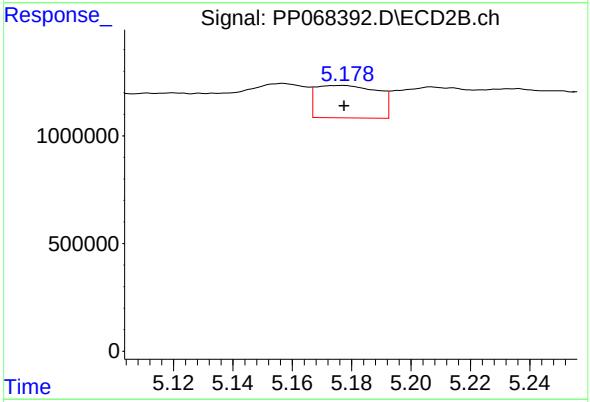
R.T.: 5.157 min
Delta R.T.: -0.001 min
Response: 2863588
Conc: 103.04 ng/ml



#17 AR-1242-2

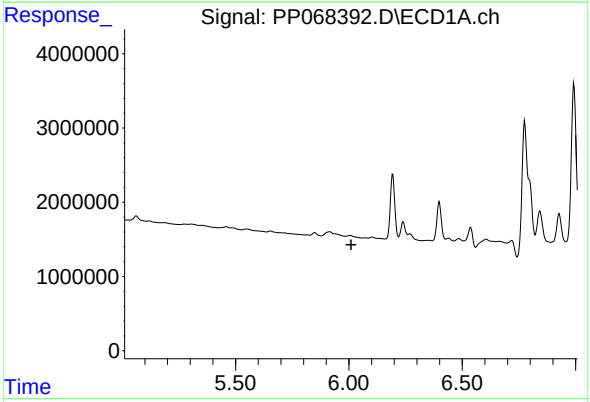
R.T.: 5.916 min
Delta R.T.: -0.030 min
Response: 2038470
Conc: 46.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1254



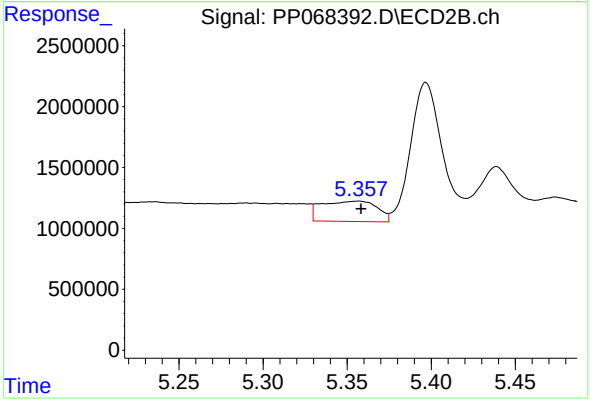
#17 AR-1242-2

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 2167820
Conc: 56.12 ng/ml



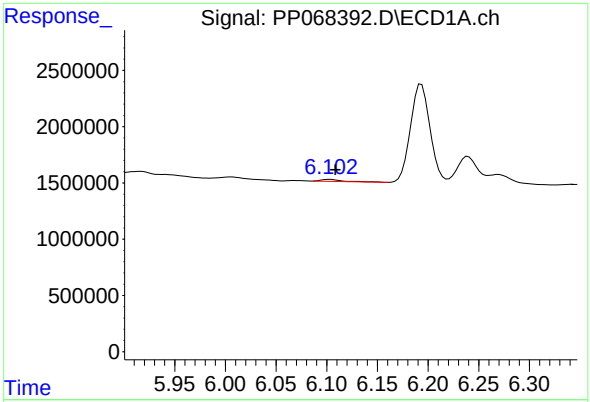
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 6.010 min
Response: 0
Conc: N.D.



#18 AR-1242-3

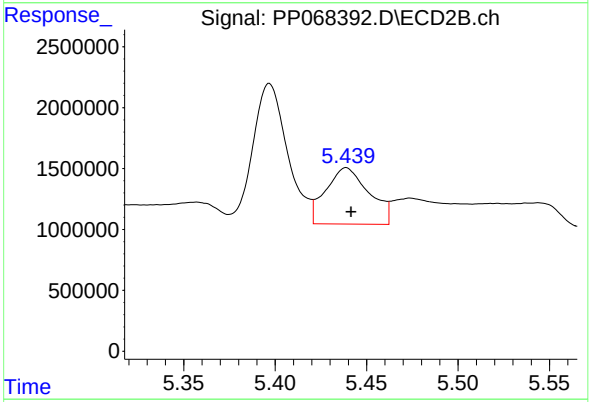
R.T.: 5.357 min
Delta R.T.: -0.002 min
Response: 3841962
Conc: 180.54 ng/ml



#19 AR-1242-4

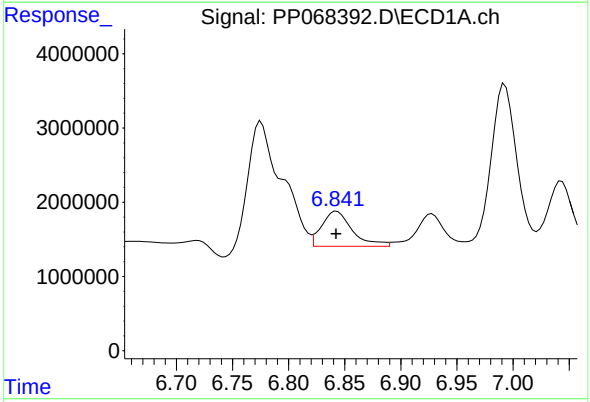
R.T.: 6.103 min
Delta R.T.: -0.005 min
Response: 255035
Conc: 11.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1254



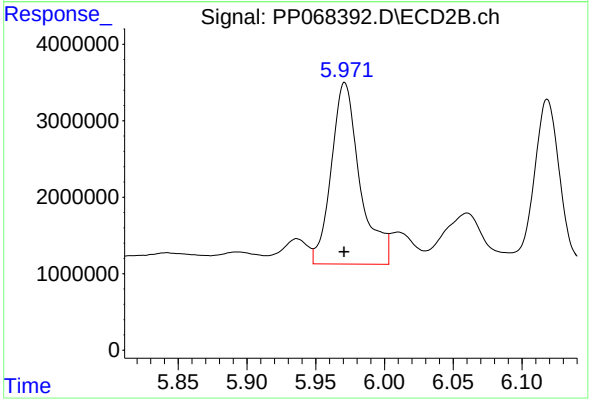
#19 AR-1242-4

R.T.: 5.439 min
Delta R.T.: -0.003 min
Response: 7651943
Conc: 335.70 ng/ml



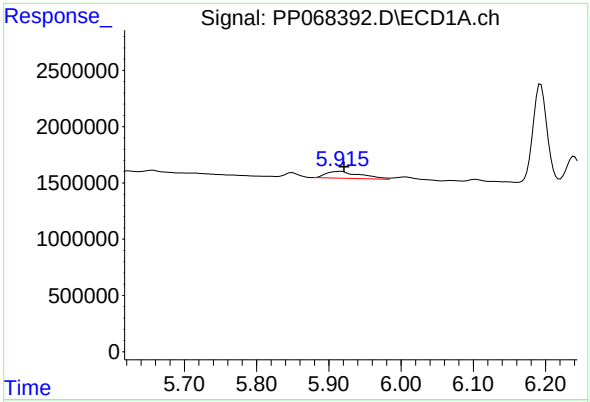
#20 AR-1242-5

R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 8971845
Conc: 369.51 ng/ml



#20 AR-1242-5

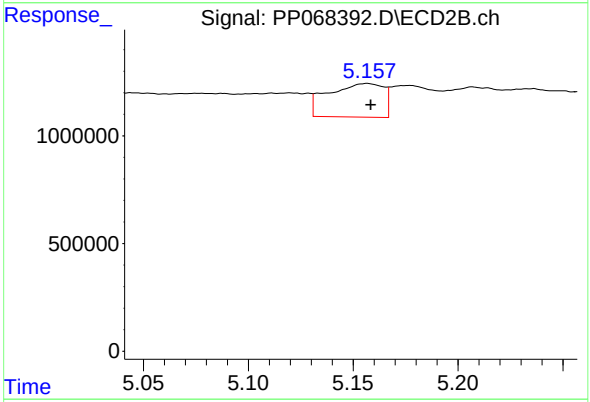
R.T.: 5.971 min
Delta R.T.: 0.000 min
Response: 34473417
Conc: 1255.80 ng/ml



#21 AR-1248-1

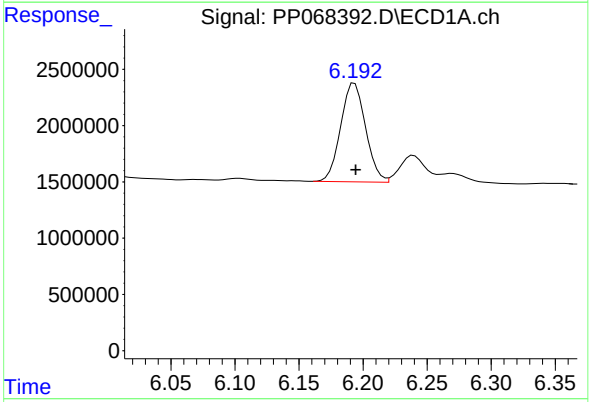
R.T.: 5.916 min
Delta R.T.: -0.005 min
Response: 2038470
Conc: 90.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1254



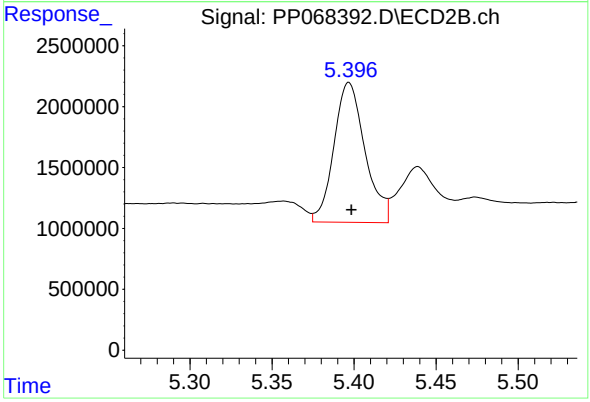
#21 AR-1248-1

R.T.: 5.157 min
Delta R.T.: -0.002 min
Response: 2863588
Conc: 131.07 ng/ml



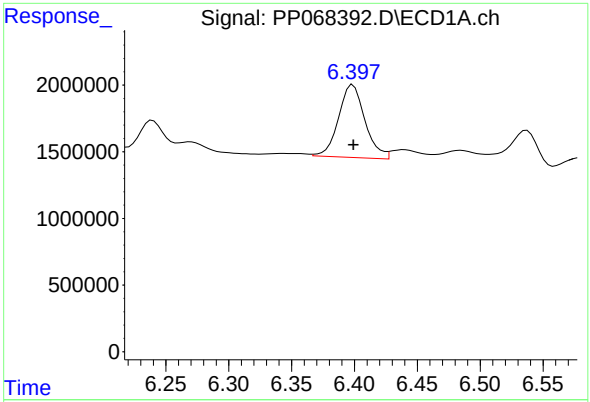
#22 AR-1248-2

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 11869201
Conc: 353.14 ng/ml



#22 AR-1248-2

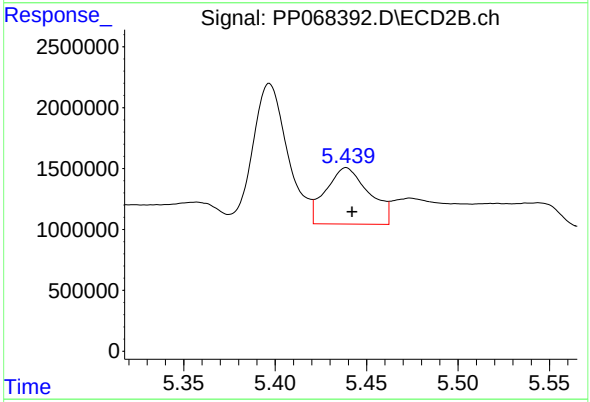
R.T.: 5.397 min
Delta R.T.: -0.002 min
Response: 15146355
Conc: 473.78 ng/ml



#23 AR-1248-3

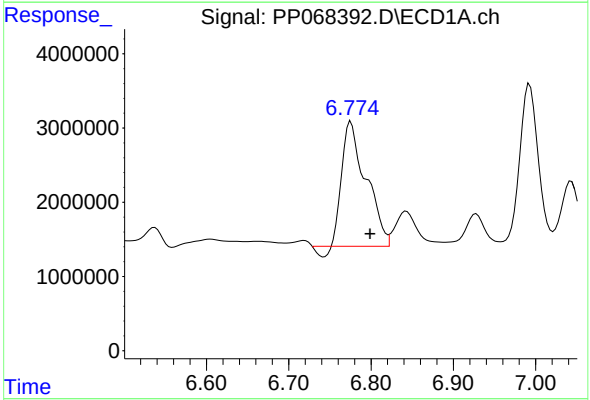
R.T.: 6.399 min
Delta R.T.: 0.000 min
Response: 7982636
Conc: 218.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1254



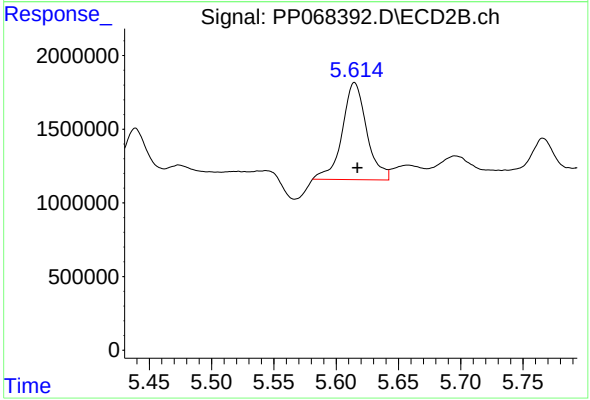
#23 AR-1248-3

R.T.: 5.439 min
Delta R.T.: -0.003 min
Response: 7651943
Conc: 228.36 ng/ml



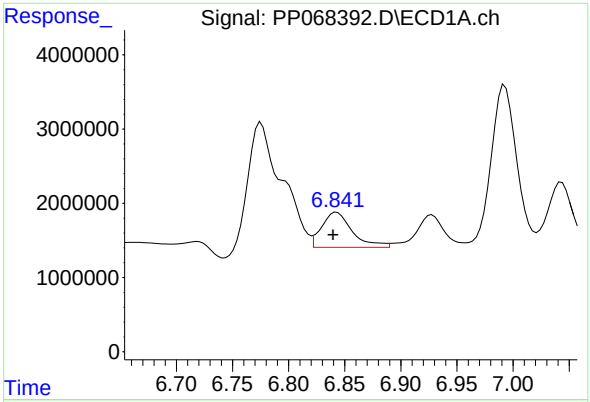
#24 AR-1248-4

R.T.: 6.775 min
Delta R.T.: -0.023 min
Response: 33425928
Conc: 781.24 ng/ml



#24 AR-1248-4

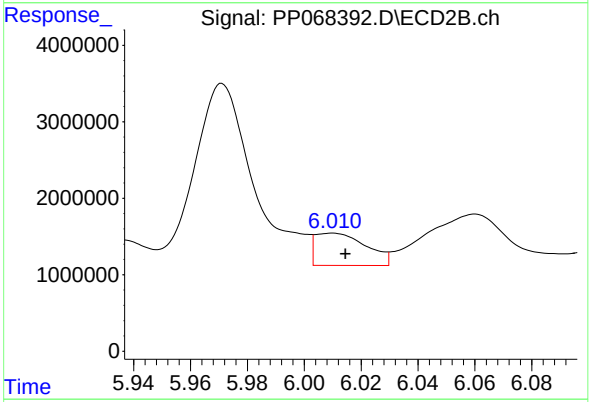
R.T.: 5.615 min
Delta R.T.: -0.002 min
Response: 9051125
Conc: 233.10 ng/ml



#25 AR-1248-5

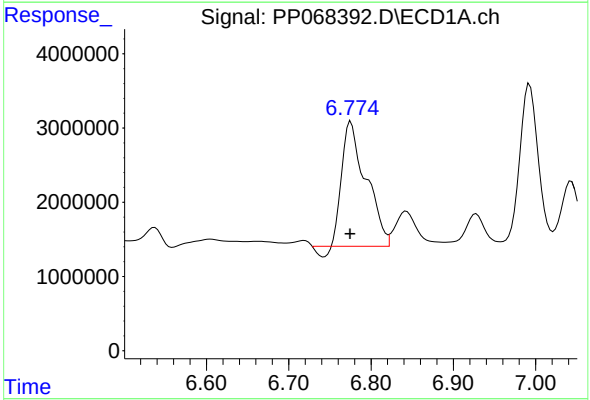
R.T.: 6.843 min
Delta R.T.: 0.003 min
Response: 8971845
Conc: 215.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1254



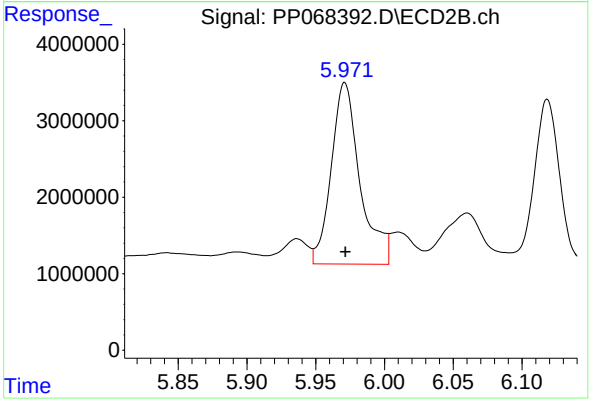
#25 AR-1248-5

R.T.: 6.010 min
Delta R.T.: -0.005 min
Response: 5271699
Conc: 142.22 ng/ml



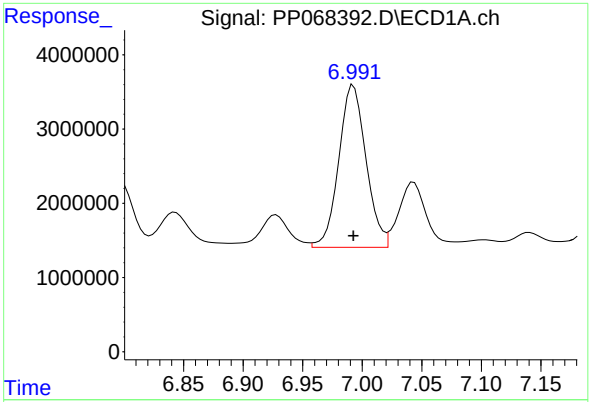
#26 AR-1254-1

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 33425928
Conc: 644.21 ng/ml



#26 AR-1254-1

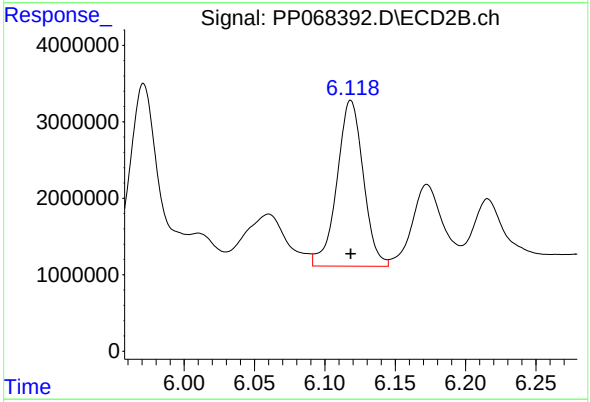
R.T.: 5.971 min
Delta R.T.: 0.000 min
Response: 34473417
Conc: 568.48 ng/ml



#27 AR-1254-2

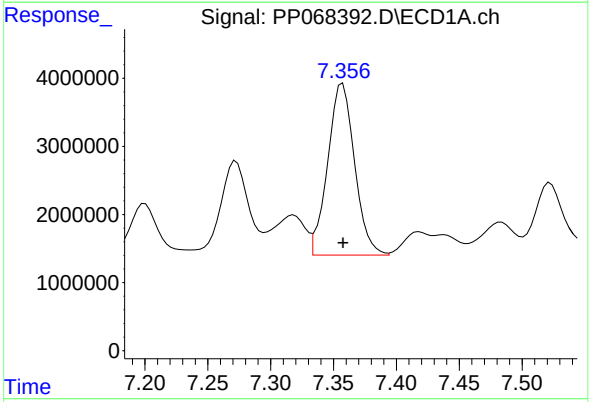
R.T.: 6.993 min
Delta R.T.: 0.000 min
Response: 34878260
Conc: 511.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1254



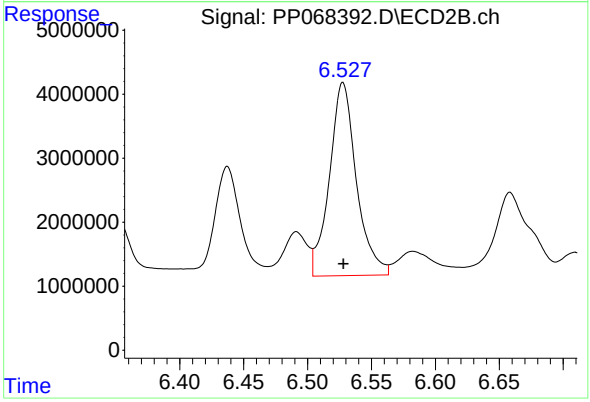
#27 AR-1254-2

R.T.: 6.118 min
Delta R.T.: 0.000 min
Response: 28264573
Conc: 535.97 ng/ml



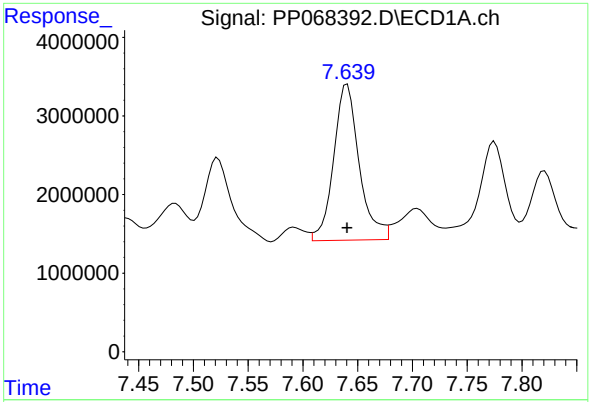
#28 AR-1254-3

R.T.: 7.357 min
Delta R.T.: 0.000 min
Response: 37589018
Conc: 526.03 ng/ml



#28 AR-1254-3

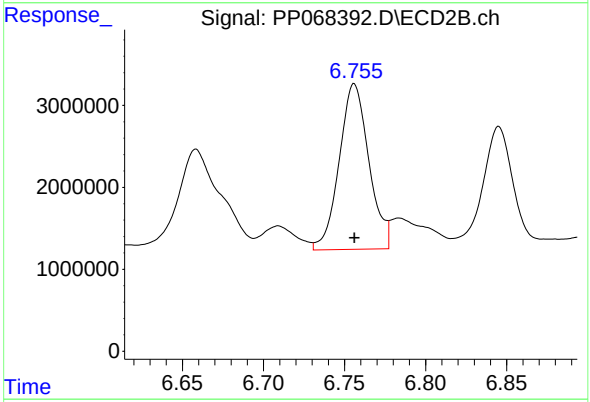
R.T.: 6.528 min
Delta R.T.: 0.000 min
Response: 44409341
Conc: 533.37 ng/ml



#29 AR-1254-4

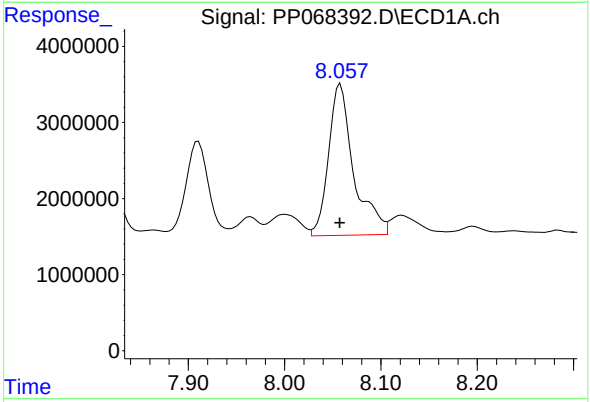
R.T.: 7.641 min
Delta R.T.: 0.000 min
Response: 32304413
Conc: 600.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1254



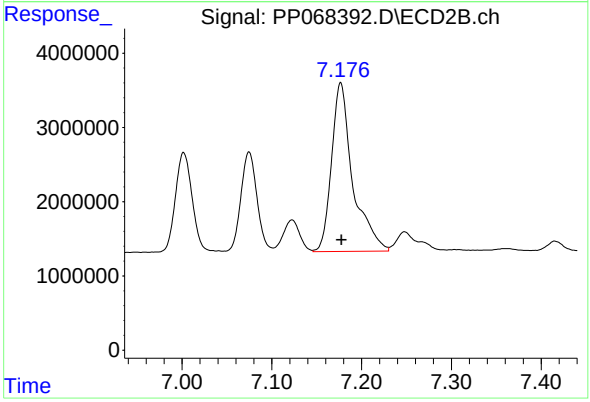
#29 AR-1254-4

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 25764643
Conc: 529.84 ng/ml



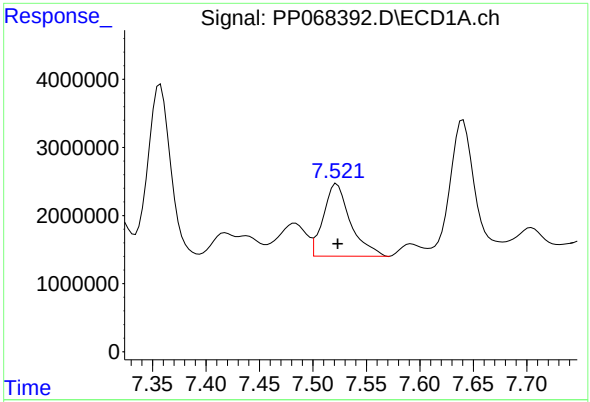
#30 AR-1254-5

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 36209324
Conc: 577.81 ng/ml



#30 AR-1254-5

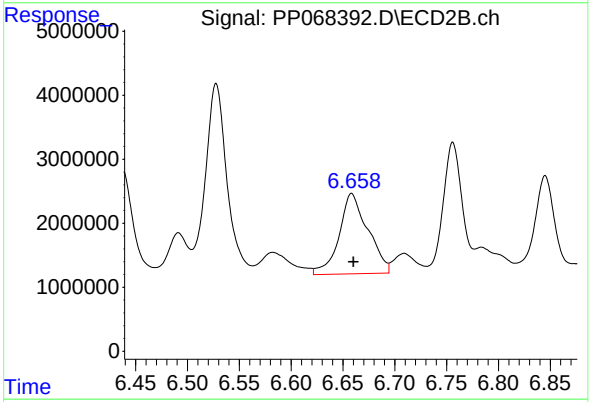
R.T.: 7.177 min
Delta R.T.: 0.000 min
Response: 37295416
Conc: 499.71 ng/ml



#31 AR-1260-1

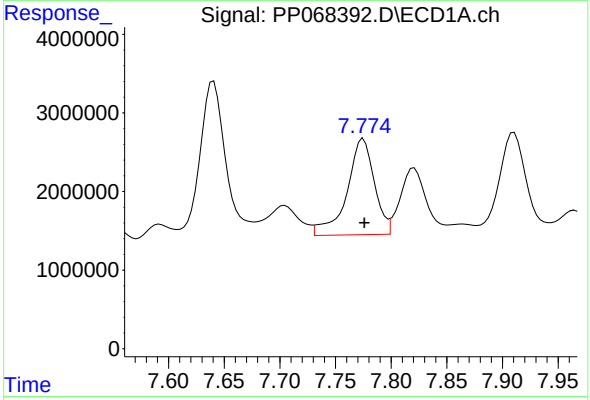
R.T.: 7.522 min
Delta R.T.: 0.000 min
Response: 18798634
Conc: 347.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1254



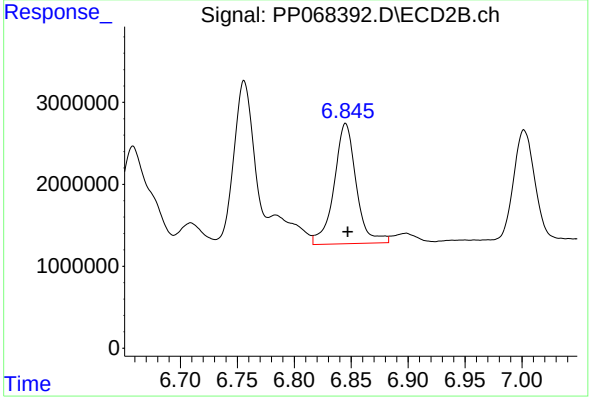
#31 AR-1260-1

R.T.: 6.658 min
Delta R.T.: -0.002 min
Response: 24262823
Conc: 436.00 ng/ml



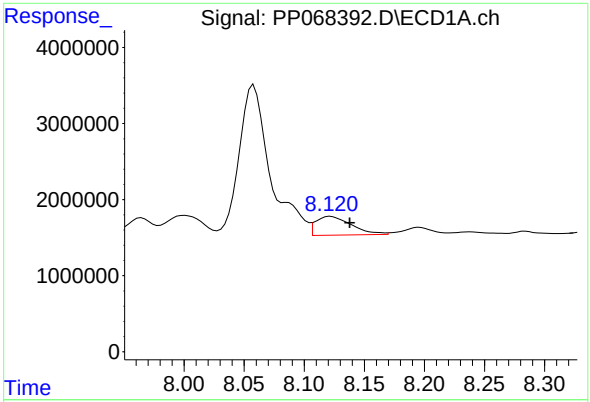
#32 AR-1260-2

R.T.: 7.775 min
Delta R.T.: 0.000 min
Response: 21032133
Conc: 330.64 ng/ml



#32 AR-1260-2

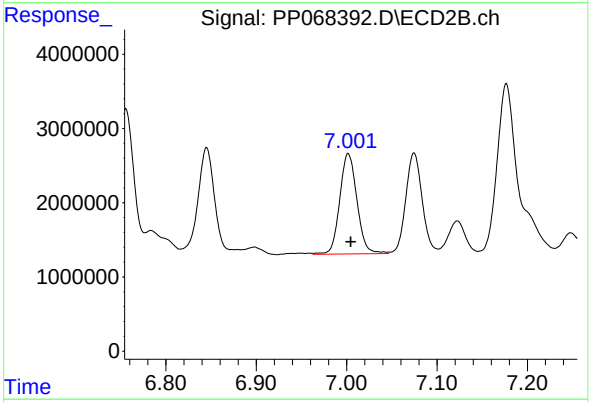
R.T.: 6.845 min
Delta R.T.: -0.002 min
Response: 19891319
Conc: 300.31 ng/ml



#33 AR-1260-3

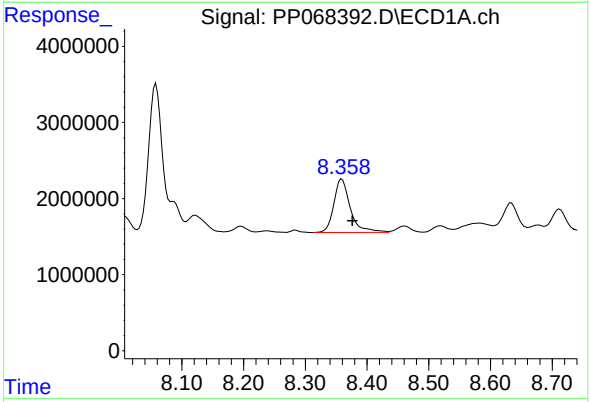
R.T.: 8.122 min
Delta R.T.: -0.016 min
Response: 5089777
Conc: 94.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1254



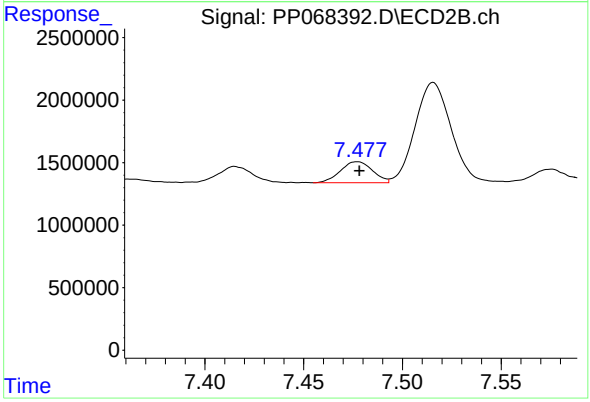
#33 AR-1260-3

R.T.: 7.002 min
Delta R.T.: -0.003 min
Response: 17897124
Conc: 289.17 ng/ml



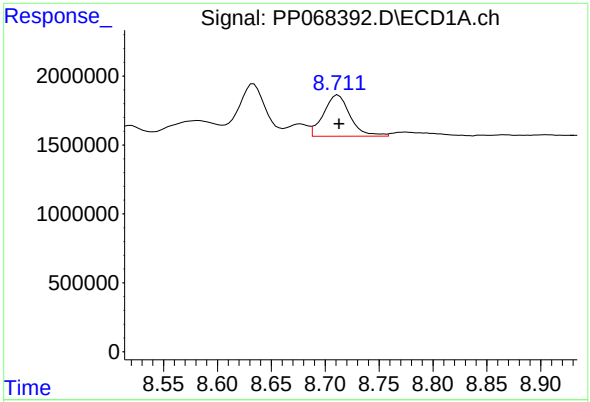
#34 AR-1260-4

R.T.: 8.359 min
Delta R.T.: -0.017 min
Response: 12980447
Conc: 208.59 ng/ml



#34 AR-1260-4

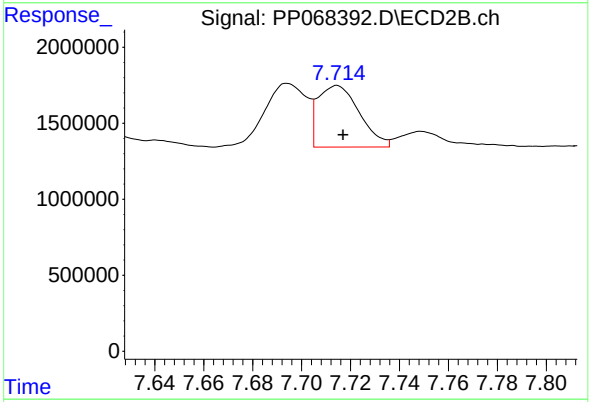
R.T.: 7.477 min
Delta R.T.: -0.001 min
Response: 1901599
Conc: 36.06 ng/ml



#35 AR-1260-5

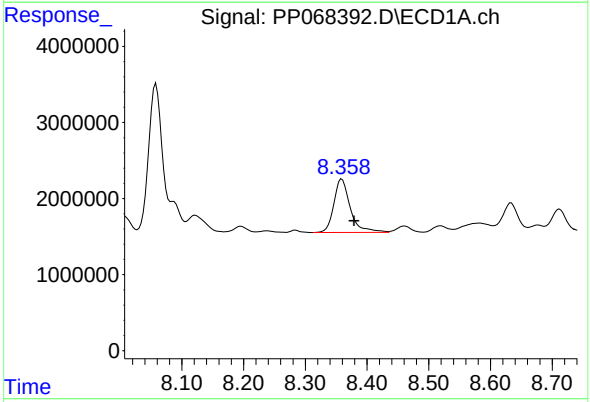
R.T.: 8.712 min
Delta R.T.: -0.001 min
Response: 5142856
Conc: 45.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1254



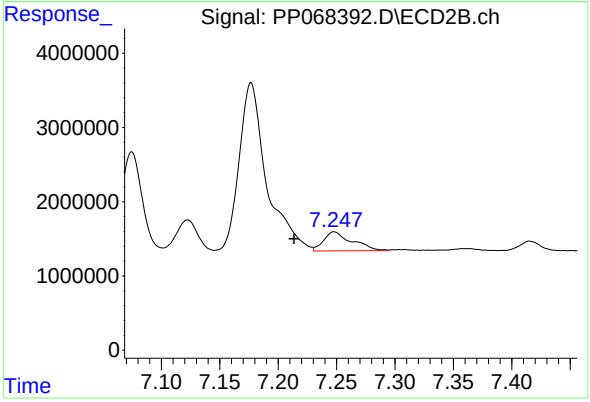
#35 AR-1260-5

R.T.: 7.714 min
Delta R.T.: -0.002 min
Response: 4768836
Conc: 40.05 ng/ml



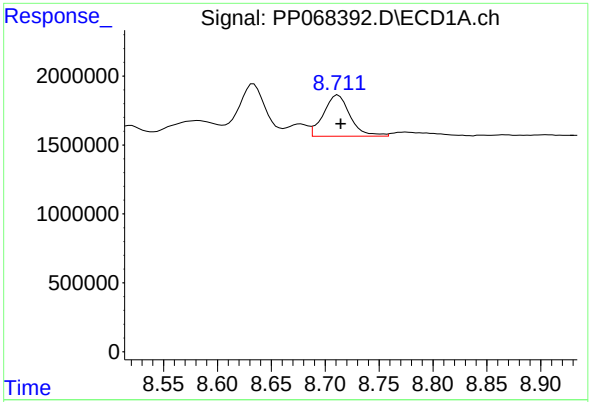
#36 AR-1262-1

R.T.: 8.359 min
Delta R.T.: -0.019 min
Response: 12980447
Conc: 175.10 ng/ml



#36 AR-1262-1

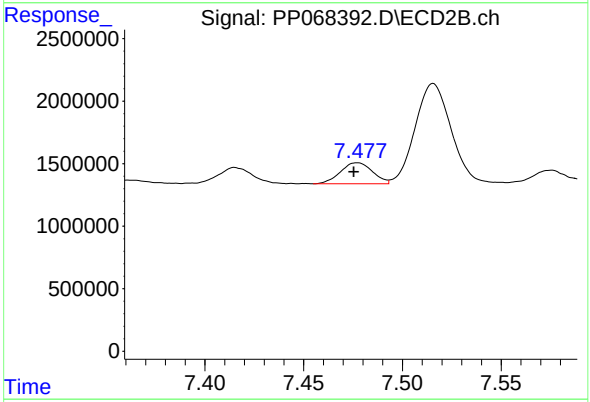
R.T.: 7.248 min
Delta R.T.: 0.034 min
Response: 4364863
Conc: 56.25 ng/ml



#37 AR-1262-2

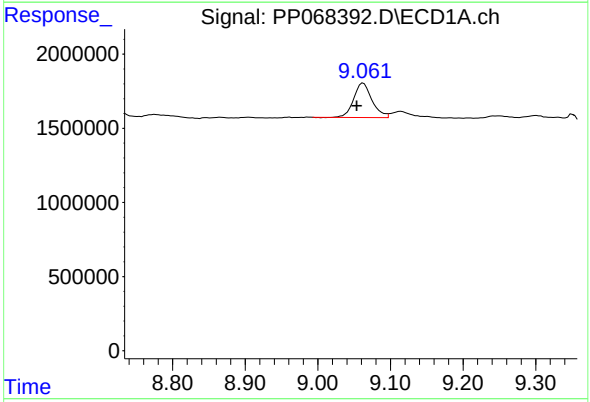
R.T.: 8.712 min
Delta R.T.: -0.002 min
Response: 5142856
Conc: 39.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1254



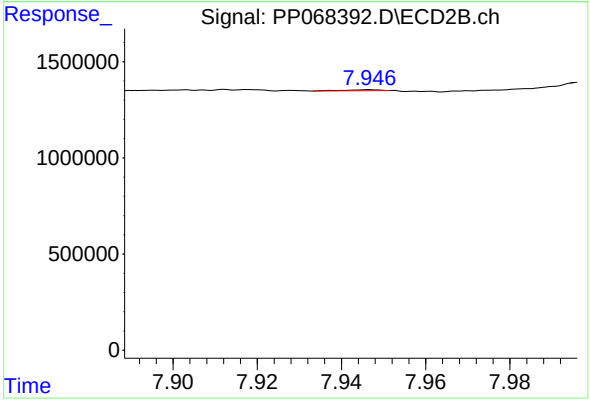
#37 AR-1262-2

R.T.: 7.477 min
Delta R.T.: 0.002 min
Response: 1901599
Conc: 26.90 ng/ml



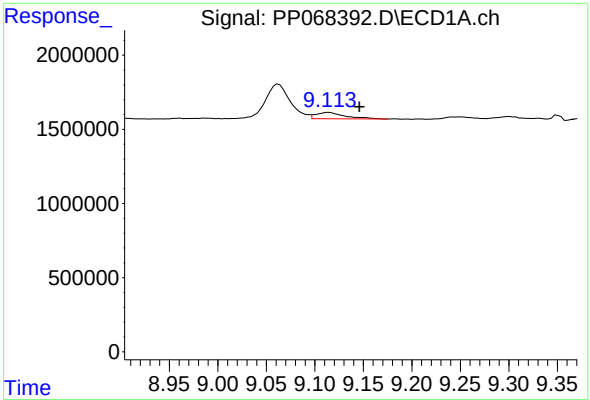
#38 AR-1262-3

R.T.: 9.063 min
Delta R.T.: 0.009 min
Response: 4069401
Conc: 42.53 ng/ml



#38 AR-1262-3

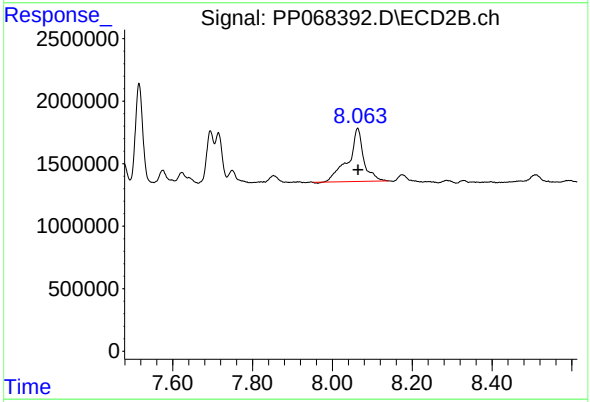
R.T.: 7.947 min
Delta R.T.: -0.054 min
Response: 26933
Conc: 0.46 ng/ml



#39 AR-1262-4

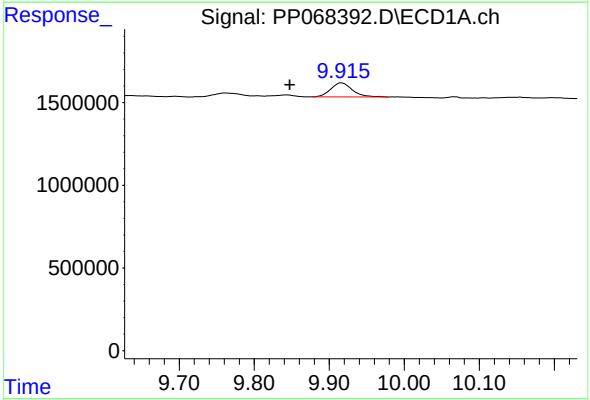
R.T.: 9.114 min
Delta R.T.: -0.032 min
Response: 900168
Conc: 11.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1254



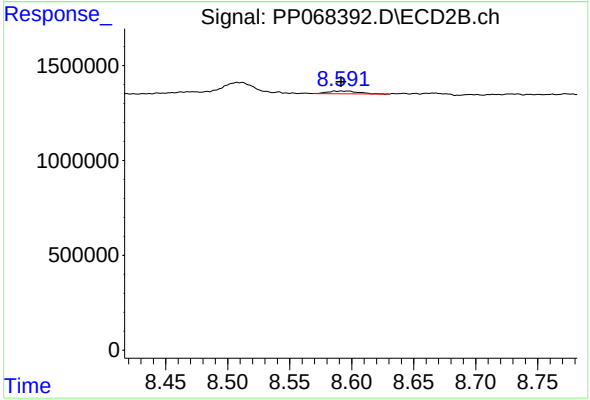
#39 AR-1262-4

R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 11431399
Conc: 110.34 ng/ml



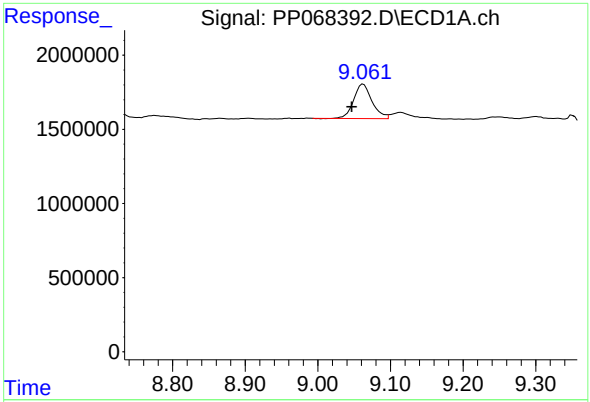
#40 AR-1262-5

R.T.: 9.917 min
Delta R.T.: 0.070 min
Response: 1709261
Conc: 31.96 ng/ml



#40 AR-1262-5

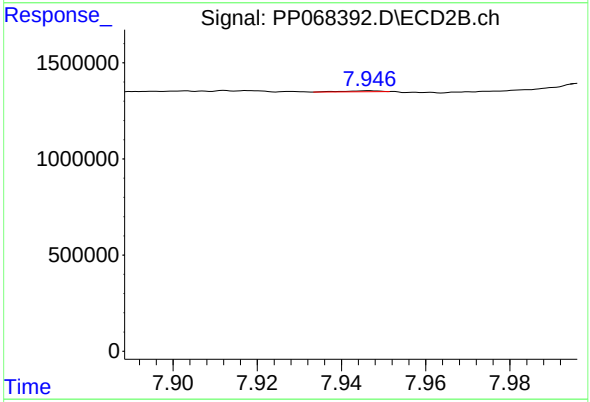
R.T.: 8.592 min
Delta R.T.: 0.000 min
Response: 244058
Conc: 4.81 ng/ml



#41 AR-1268-1

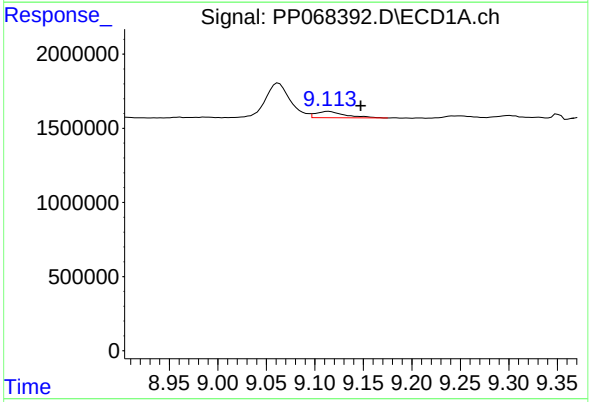
R.T.: 9.063 min
Delta R.T.: 0.016 min
Response: 4069401
Conc: 26.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1254



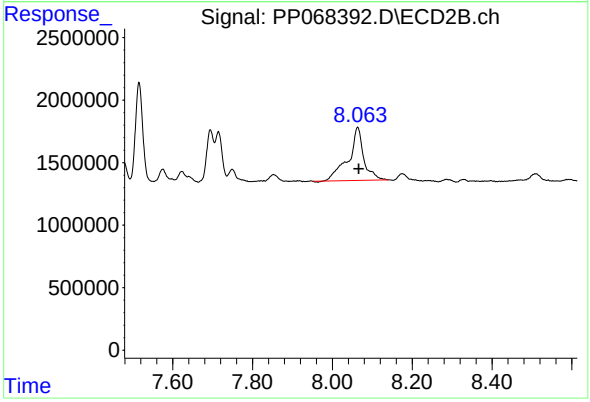
#41 AR-1268-1

R.T.: 7.947 min
Delta R.T.: -0.055 min
Response: 26933
Conc: 0.17 ng/ml



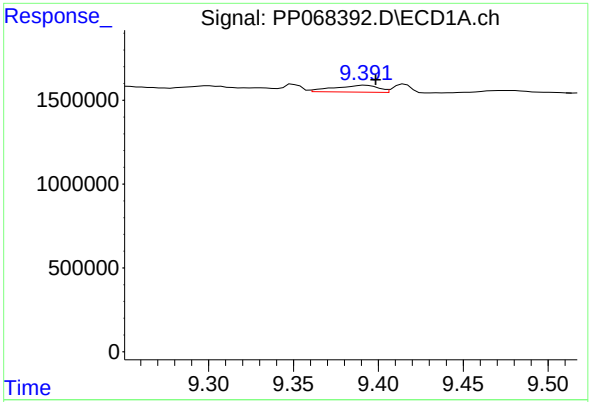
#42 AR-1268-2

R.T.: 9.114 min
Delta R.T.: -0.033 min
Response: 900168
Conc: 6.43 ng/ml



#42 AR-1268-2

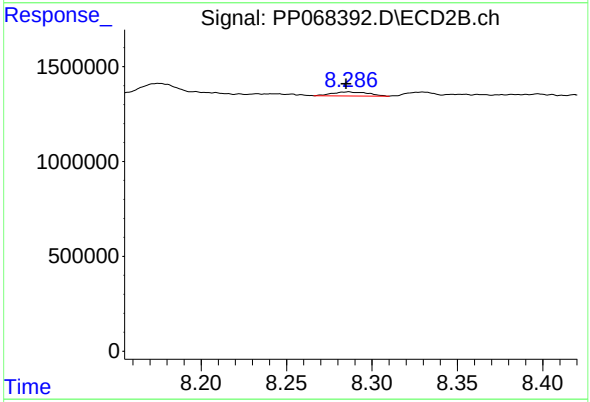
R.T.: 8.063 min
Delta R.T.: -0.003 min
Response: 11431399
Conc: 80.75 ng/ml



#43 AR-1268-3

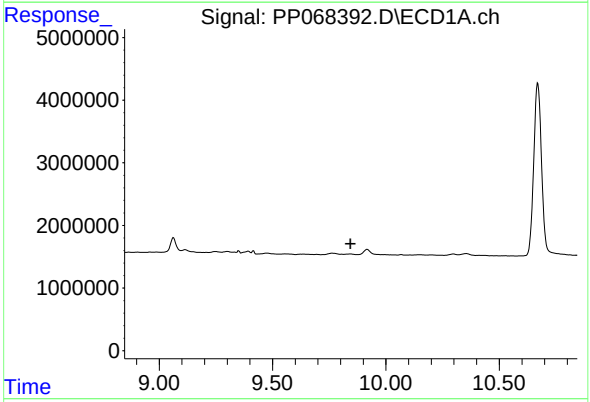
R.T.: 9.393 min
Delta R.T.: -0.006 min
Response: 749406
Conc: 5.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1254



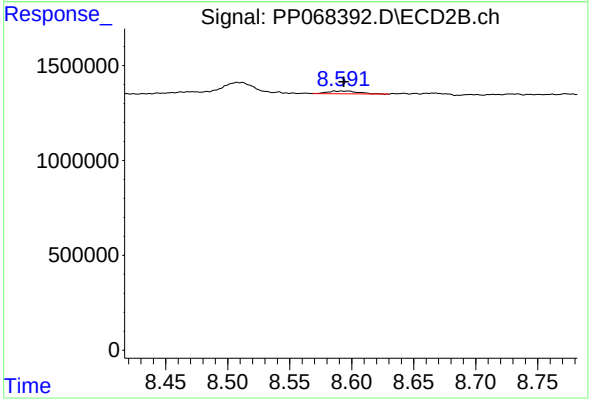
#43 AR-1268-3

R.T.: 8.286 min
Delta R.T.: 0.001 min
Response: 314559
Conc: 2.53 ng/ml



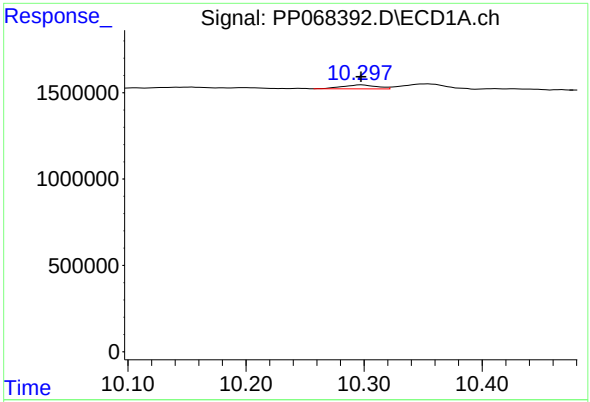
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.844 min
Response: 0
Conc: N.D.



#44 AR-1268-4

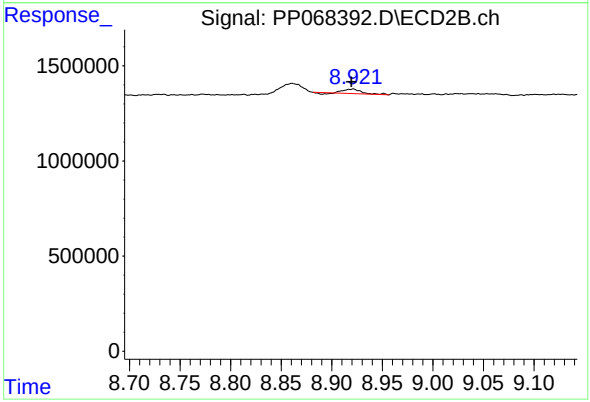
R.T.: 8.592 min
Delta R.T.: -0.002 min
Response: 244058
Conc: 4.47 ng/ml



#45 AR-1268-5

R.T.: 10.298 min
Delta R.T.: 0.000 min
Response: 461899
Conc: 1.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1254



#45 AR-1268-5

R.T.: 8.921 min
Delta R.T.: 0.002 min
Response: 254532
Conc: 0.68 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068393.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 12:01
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 12:20:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.757	4.050	50376429	49328950	51.902	50.944	
2)	SA Decachlor...	10.672	9.210	102.9E6	96062002	82.227	84.922	
	Target Compounds							
3)	L1 AR-1016-1	5.923	5.176	717915	6186425	19.978	187.200	#
4)	L1 AR-1016-2	5.923	5.176	717915	6186425	13.558	132.351	#
5)	L1 AR-1016-3	0.000	5.356	0	4983782	N.D.	184.310	#
6)	L1 AR-1016-4	0.000	5.403	0	3001988	N.D.	127.230	#
7)	L1 AR-1016-5	6.400	5.616	1277527	2596340	45.290	87.589	#
8)	L2 AR-1221-1	0.000	4.215f	0	159687	N.D.	12.663	#
9)	L2 AR-1221-2	5.063	4.359	1114848	790880	110.539	80.926	#
10)	L2 AR-1221-3	5.063f	4.427	1114848	201463	36.842	6.607	#
11)	L3 AR-1232-1	5.063f	4.427	1114848	201463	47.807	8.536	#
12)	L3 AR-1232-2	5.656	5.176	1132186	6186425	75.708	283.974	#
13)	L3 AR-1232-3	5.923	5.356	717915	4983782	28.655	444.558	#
14)	L3 AR-1232-4	0.000	5.441	0	4010844	N.D.	366.069	#
15)	L3 AR-1232-5	0.000	5.616	0	2596340	N.D.	210.741	#
16)	L4 AR-1242-1	5.923	5.176	717915	6186425	24.032	222.615	#
17)	L4 AR-1242-2	5.923	5.176	717915	6186425	16.278	160.166	#
18)	L4 AR-1242-3	0.000	5.356	0	4983782	N.D.	234.200	#
19)	L4 AR-1242-4	0.000	5.441	0	4010844	N.D.	175.963	#
20)	L4 AR-1242-5	6.838	5.996	2486241	11214581	102.397	408.526	#
21)	L5 AR-1248-1	5.923	5.176	717915	6186425	31.816	283.165	#
22)	L5 AR-1248-2	0.000	5.403	0	3001988	N.D.	93.903	#
23)	L5 AR-1248-3	6.400	5.441	1277527	4010844	34.986	119.697	#
24)	L5 AR-1248-4	6.772	5.616	5467726	2596340	127.793	66.866	#
25)	L5 AR-1248-5	6.838	5.996	2486241	11214581	59.853	302.538	#
26)	L6 AR-1254-1	6.772	5.996	5467726	11214581	105.379	184.931	#
27)	L6 AR-1254-2	6.995	6.119	4170105	3329508	61.112	63.136	
28)	L6 AR-1254-3	7.357	6.529	6343186	3608198	88.768	43.336	#
29)	L6 AR-1254-4	7.638	6.756	9174827	2180774	170.491	44.846	#
30)	L6 AR-1254-5	8.051	7.178	2972367	310077	47.431	4.155	#
31)	L7 AR-1260-1	7.520	6.658	6092636	2701931	112.609	48.553	#
32)	L7 AR-1260-2	7.777	6.827	4438567	3582342	69.777	54.085	
33)	L7 AR-1260-3	8.138	7.011	15631512	1595545	290.592	25.780	#
34)	L7 AR-1260-4	8.401	7.477	20421644	19849226	328.175	376.381	
35)	L7 AR-1260-5	8.714	7.715	8177802	8325744	72.252	69.920	
36)	L8 AR-1262-1	8.401	7.215	20421644	15088505	275.474	194.448	#
37)	L8 AR-1262-2	8.714	7.477	8177802	19849226	63.394	280.774	#
38)	L8 AR-1262-3	9.049	8.002	76767387	79343717	802.326	1348.294	#
39)	L8 AR-1262-4	9.150	8.067	70702887	73179227	925.590	706.352	
40)	L8 AR-1262-5	9.848	8.594	28417537	28016994	531.339	552.698	
41)	L9 AR-1268-1	9.049	8.002	76767387	79343717	497.540	509.495	

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068393.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 12:01
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 12:20:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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	9.150	8.067	70702887	73179227	505.068	516.953
43) L9	AR-1268-3	9.400	8.286	62402882	62074565	496.648	498.532
44) L9	AR-1268-4	9.848	8.594	28417537	28016994	531.799	513.091
45) L9	AR-1268-5	10.300	8.920	198.2E6	189.6E6	499.329	503.420

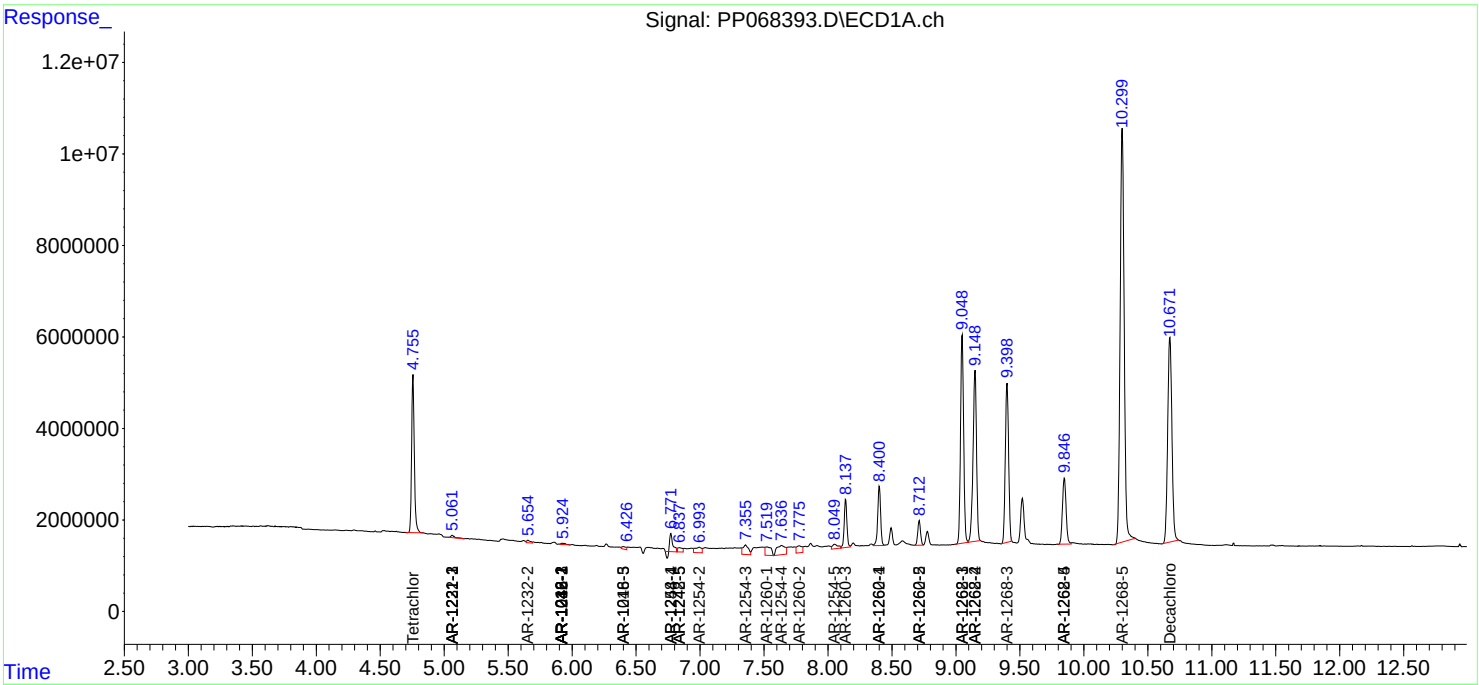
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

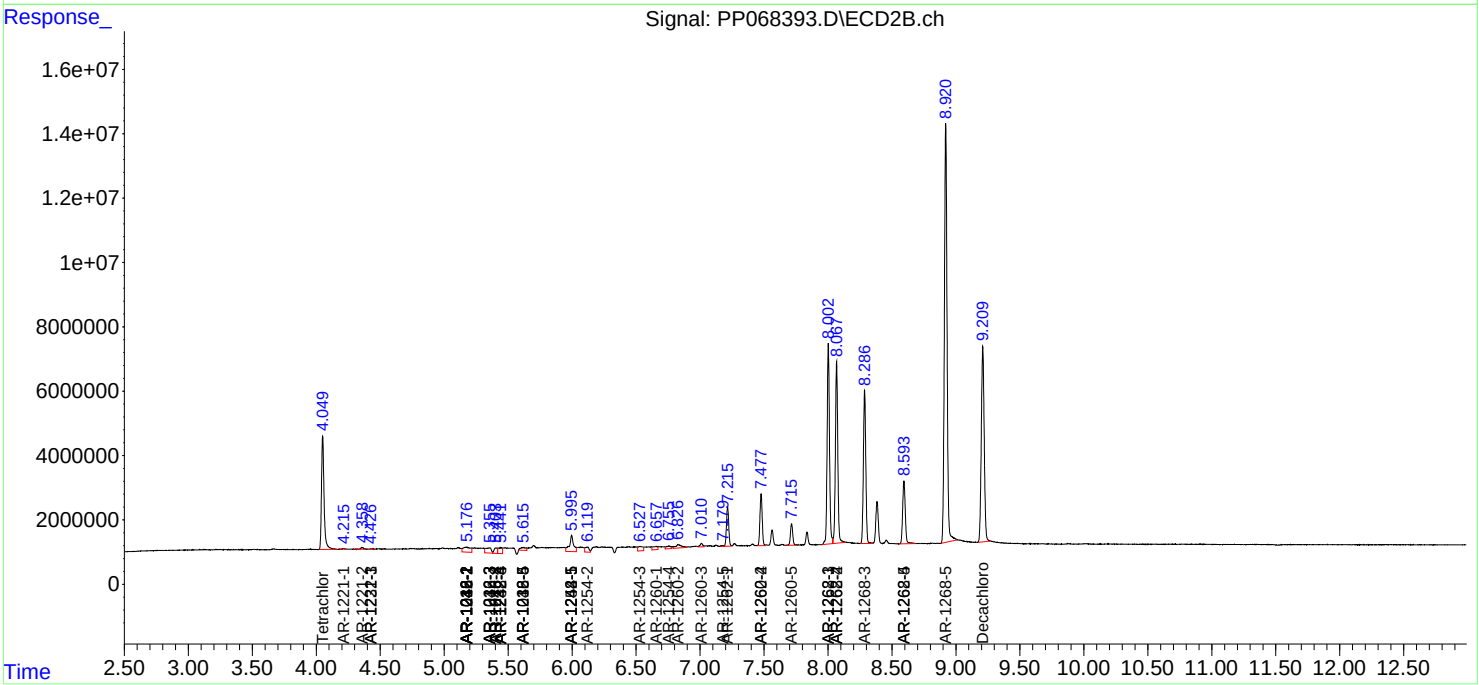
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068393.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 12:01
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

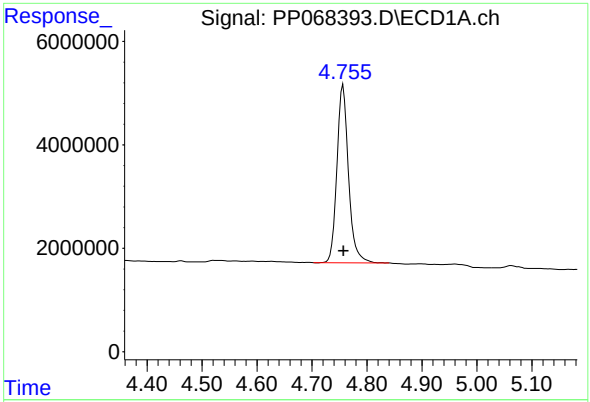
Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 12:20:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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



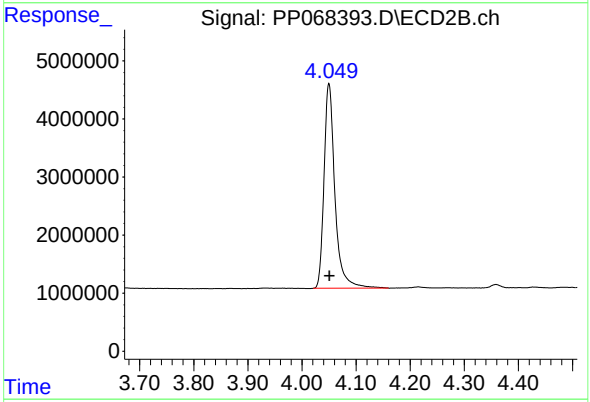




#1 Tetrachloro-m-xylene

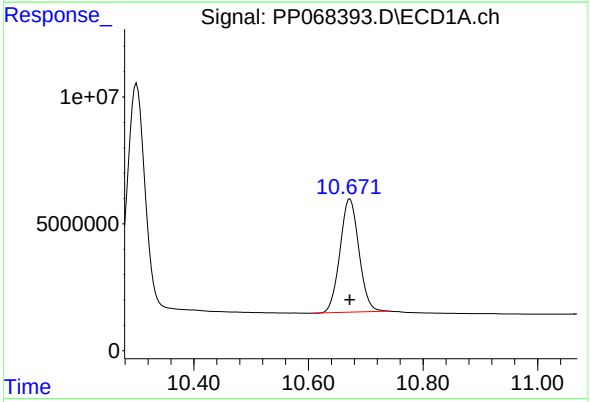
R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 50376429
Conc: 51.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1268



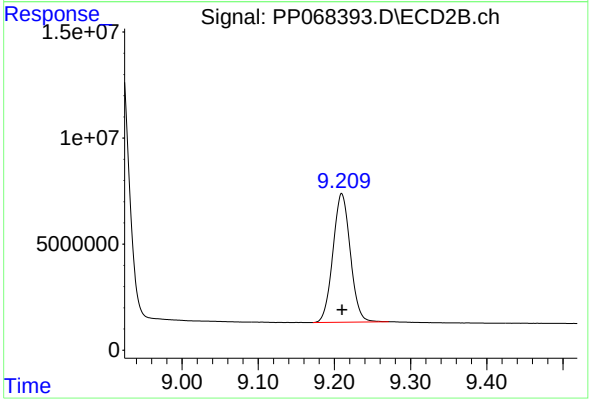
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: -0.001 min
Response: 49328950
Conc: 50.94 ng/ml



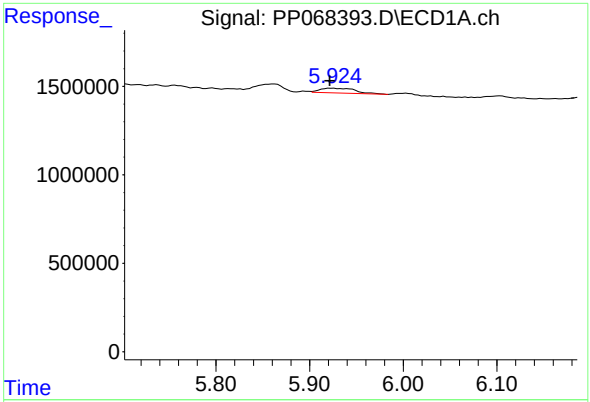
#2 Decachlorobiphenyl

R.T.: 10.672 min
Delta R.T.: 0.000 min
Response: 102905974
Conc: 82.23 ng/ml



#2 Decachlorobiphenyl

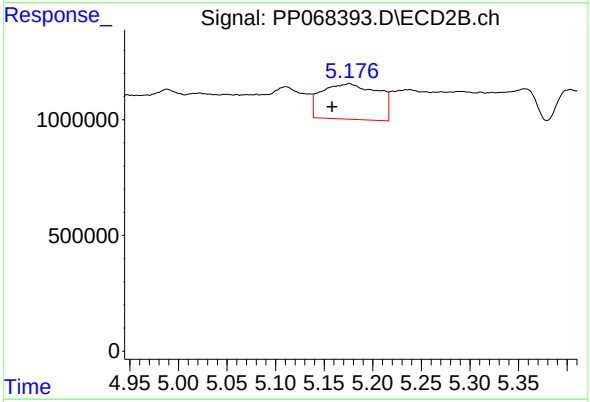
R.T.: 9.210 min
Delta R.T.: 0.000 min
Response: 96062002
Conc: 84.92 ng/ml



#3 AR-1016-1

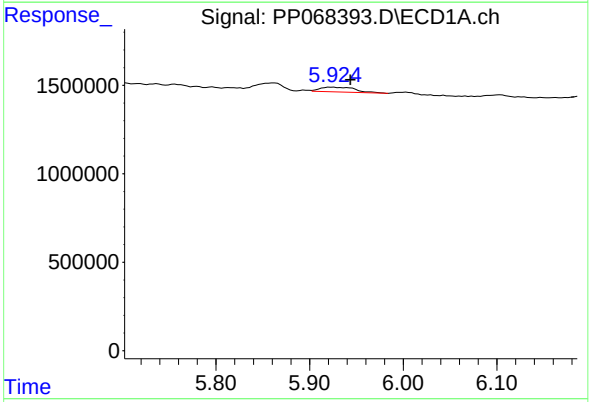
R.T.: 5.923 min
Delta R.T.: 0.001 min
Response: 717915
Conc: 19.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1268



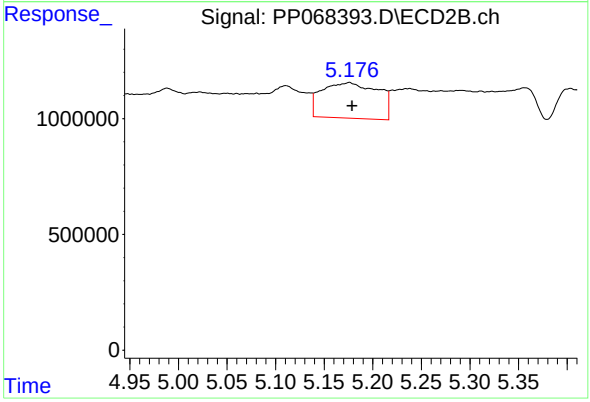
#3 AR-1016-1

R.T.: 5.176 min
Delta R.T.: 0.018 min
Response: 6186425
Conc: 187.20 ng/ml



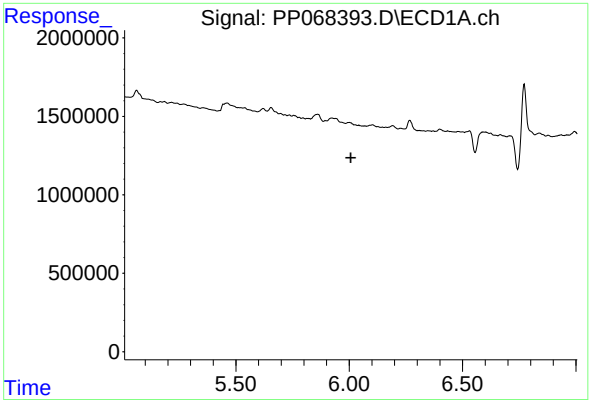
#4 AR-1016-2

R.T.: 5.923 min
Delta R.T.: -0.021 min
Response: 717915
Conc: 13.56 ng/ml



#4 AR-1016-2

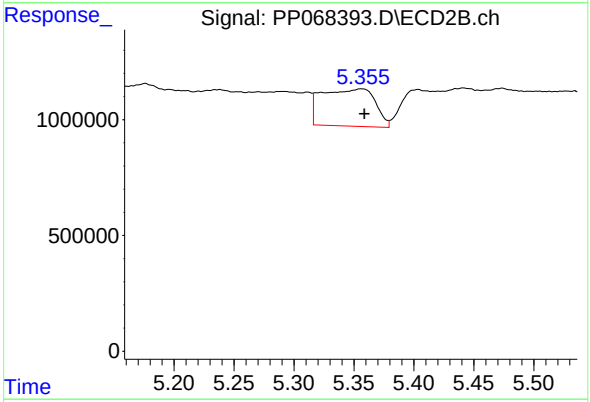
R.T.: 5.176 min
Delta R.T.: -0.003 min
Response: 6186425
Conc: 132.35 ng/ml



#5 AR-1016-3

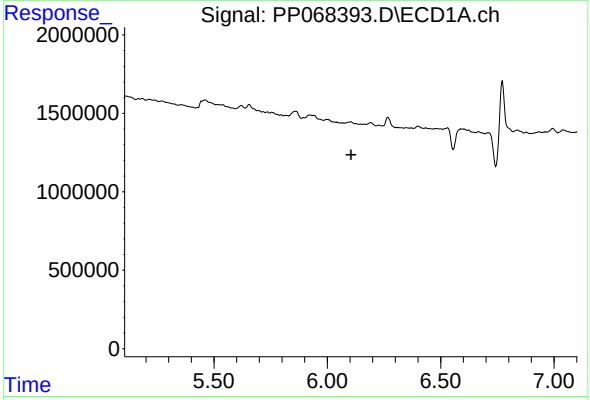
R.T.: 0.000 min
Exp R.T. : 6.008 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1268



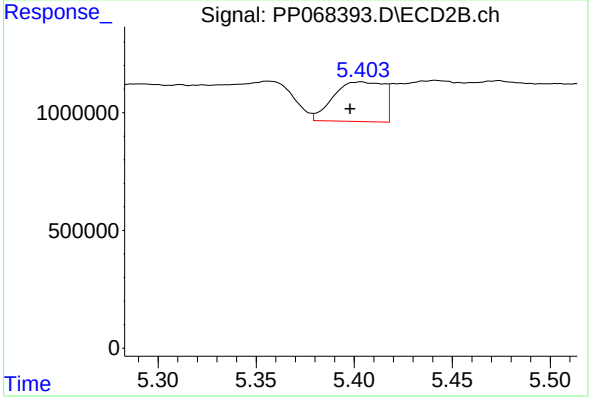
#5 AR-1016-3

R.T.: 5.356 min
Delta R.T.: -0.003 min
Response: 4983782
Conc: 184.31 ng/ml



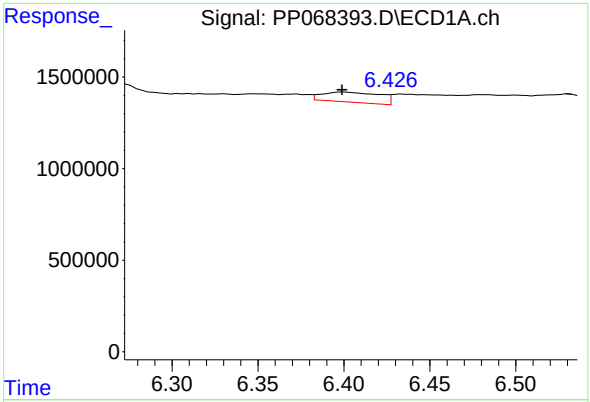
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.105 min
Response: 0
Conc: N.D.



#6 AR-1016-4

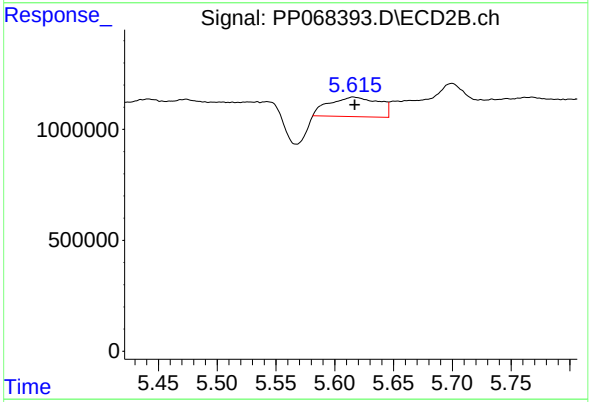
R.T.: 5.403 min
Delta R.T.: 0.006 min
Response: 3001988
Conc: 127.23 ng/ml



#7 AR-1016-5

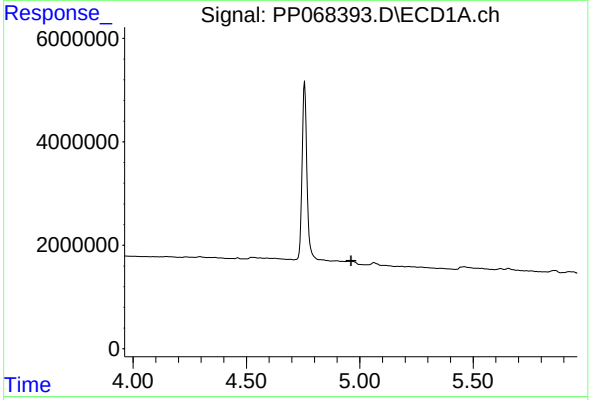
R.T.: 6.400 min
Delta R.T.: 0.000 min
Response: 1277527
Conc: 45.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1268



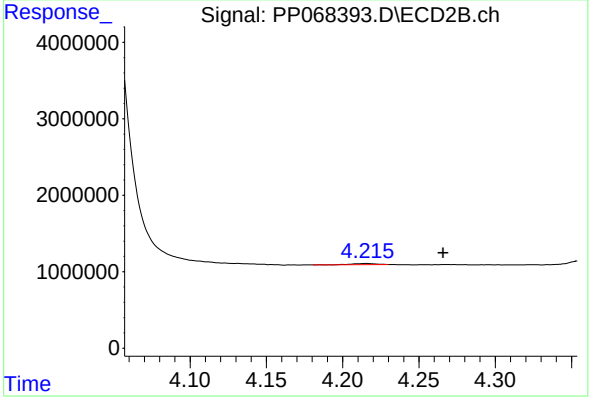
#7 AR-1016-5

R.T.: 5.616 min
Delta R.T.: -0.001 min
Response: 2596340
Conc: 87.59 ng/ml



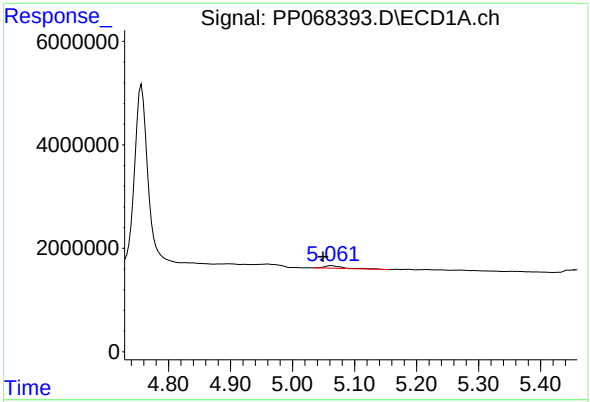
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.962 min
Response: 0
Conc: N.D.



#8 AR-1221-1

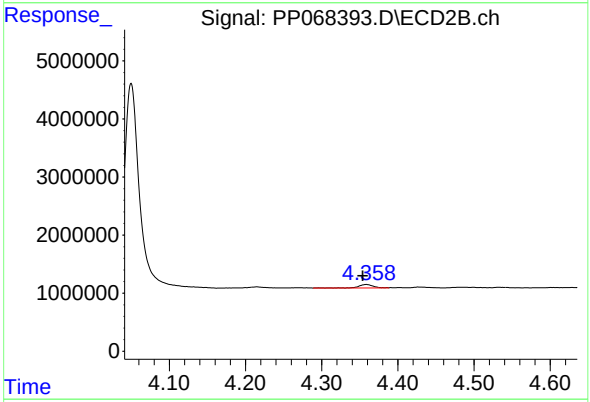
R.T.: 4.215 min
Delta R.T.: -0.051 min
Response: 159687
Conc: 12.66 ng/ml



#9 AR-1221-2

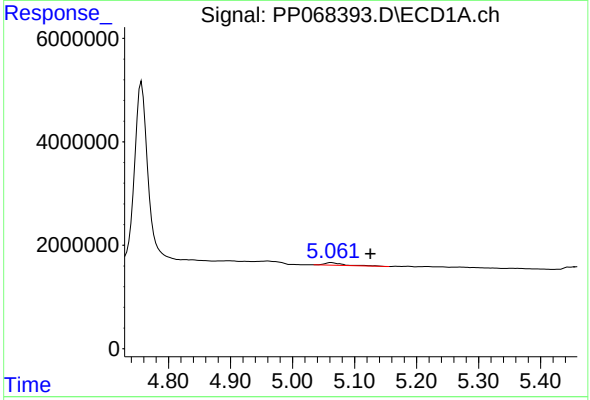
R.T.: 5.063 min
Delta R.T.: 0.014 min
Response: 1114848
Conc: 110.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1268



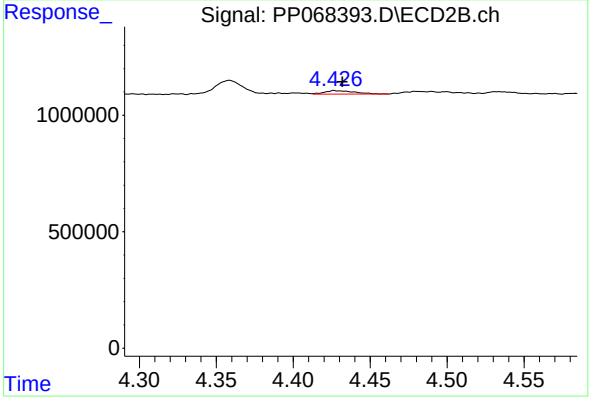
#9 AR-1221-2

R.T.: 4.359 min
Delta R.T.: 0.005 min
Response: 790880
Conc: 80.93 ng/ml



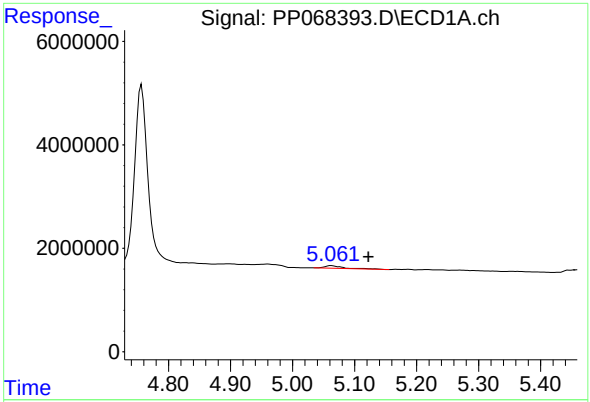
#10 AR-1221-3

R.T.: 5.063 min
Delta R.T.: -0.063 min
Response: 1114848
Conc: 36.84 ng/ml



#10 AR-1221-3

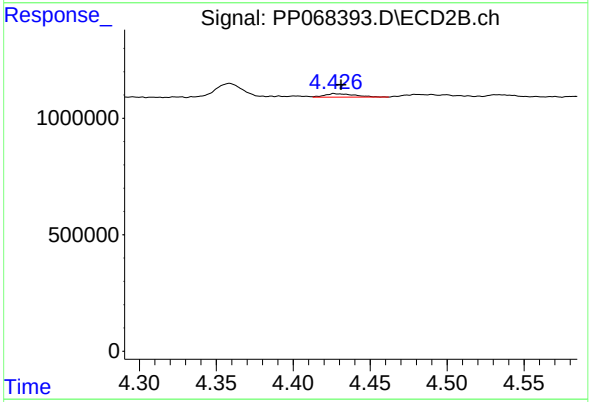
R.T.: 4.427 min
Delta R.T.: -0.005 min
Response: 201463
Conc: 6.61 ng/ml



#11 AR-1232-1

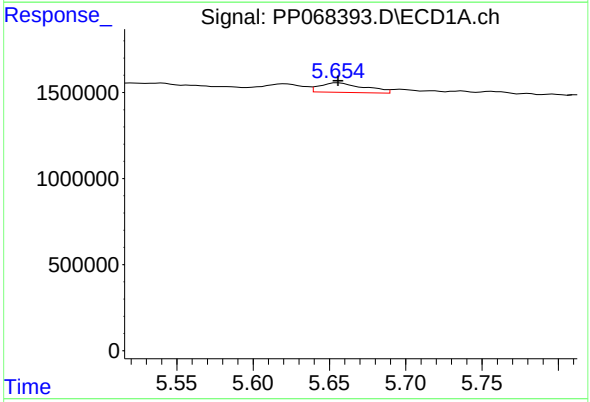
R.T.: 5.063 min
Delta R.T.: -0.059 min
Response: 1114848
Conc: 47.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1268



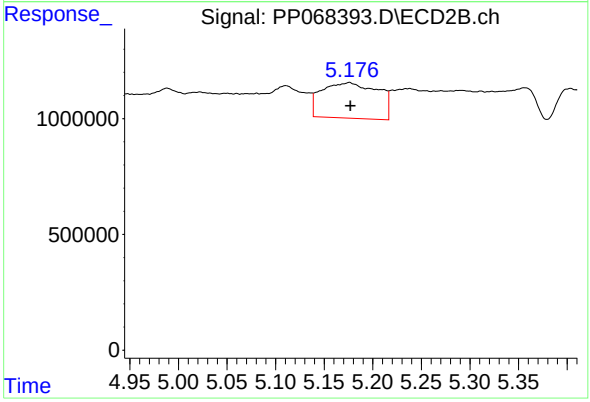
#11 AR-1232-1

R.T.: 4.427 min
Delta R.T.: -0.004 min
Response: 201463
Conc: 8.54 ng/ml



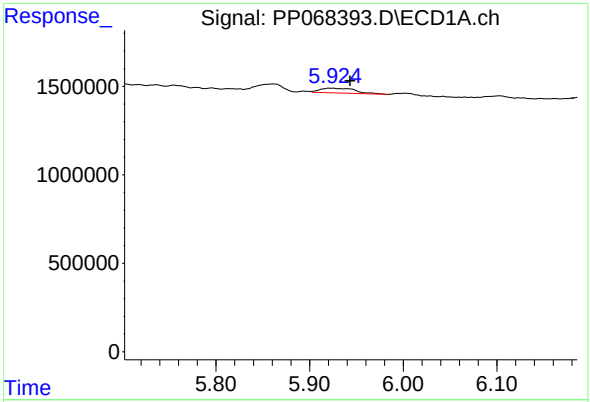
#12 AR-1232-2

R.T.: 5.656 min
Delta R.T.: 0.000 min
Response: 1132186
Conc: 75.71 ng/ml



#12 AR-1232-2

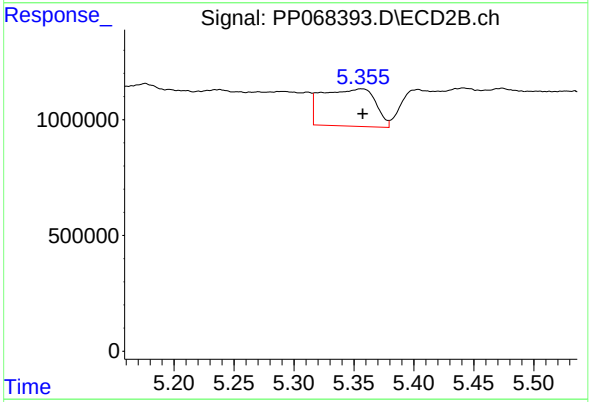
R.T.: 5.176 min
Delta R.T.: -0.001 min
Response: 6186425
Conc: 283.97 ng/ml



#13 AR-1232-3

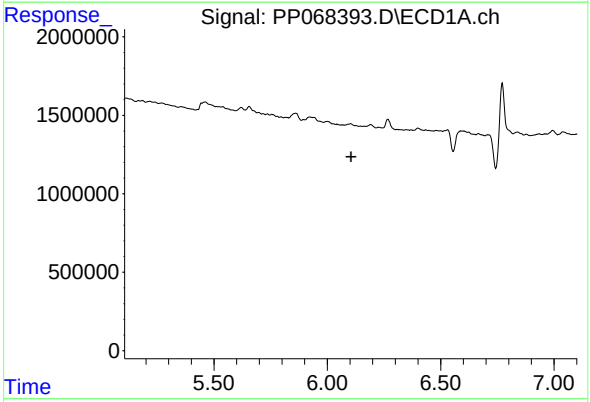
R.T.: 5.923 min
Delta R.T.: -0.021 min
Response: 717915
Conc: 28.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1268



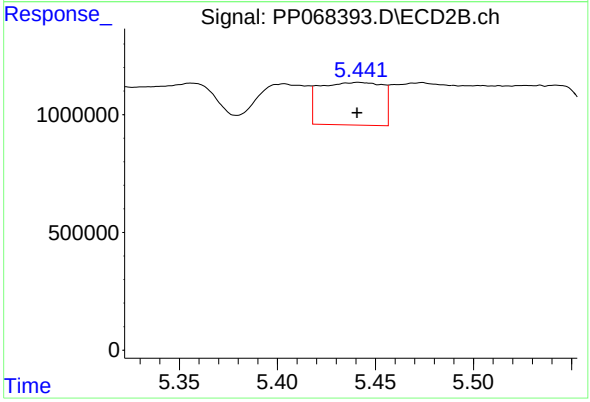
#13 AR-1232-3

R.T.: 5.356 min
Delta R.T.: -0.001 min
Response: 4983782
Conc: 444.56 ng/ml



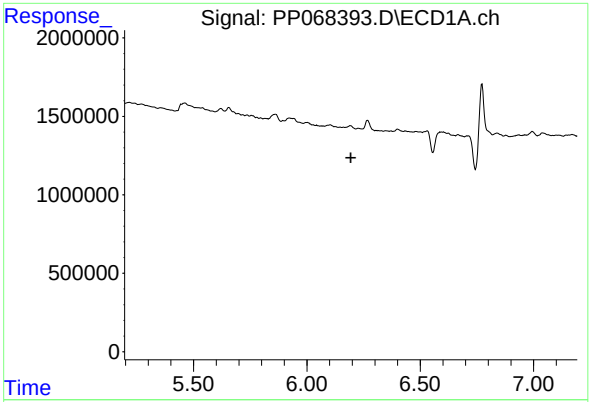
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.105 min
Response: 0
Conc: N.D.



#14 AR-1232-4

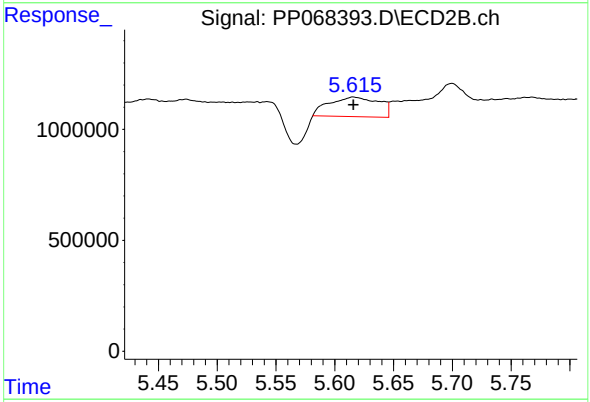
R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 4010844
Conc: 366.07 ng/ml



#15 AR-1232-5

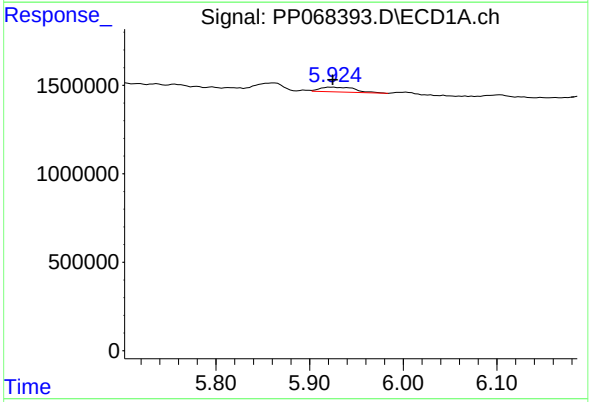
R.T.: 0.000 min
Exp R.T. : 6.194 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1268



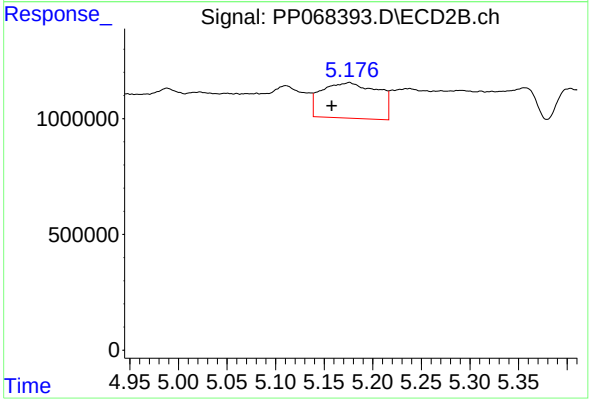
#15 AR-1232-5

R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 2596340
Conc: 210.74 ng/ml



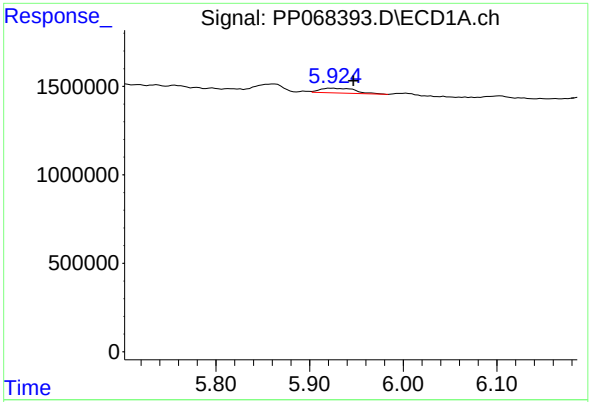
#16 AR-1242-1

R.T.: 5.923 min
Delta R.T.: -0.002 min
Response: 717915
Conc: 24.03 ng/ml



#16 AR-1242-1

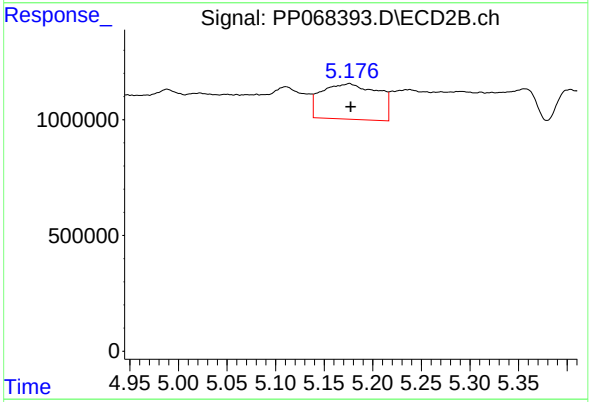
R.T.: 5.176 min
Delta R.T.: 0.018 min
Response: 6186425
Conc: 222.62 ng/ml



#17 AR-1242-2

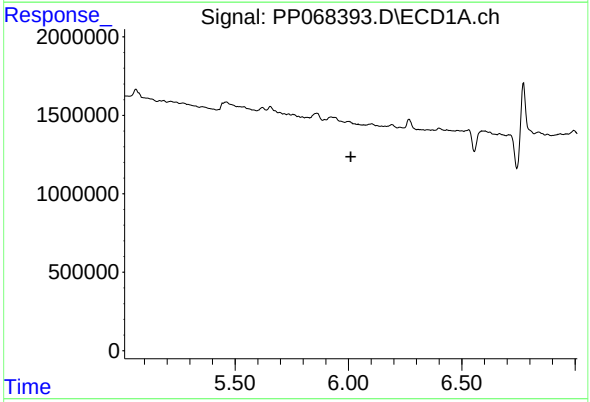
R.T.: 5.923 min
Delta R.T.: -0.024 min
Response: 717915
Conc: 16.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1268



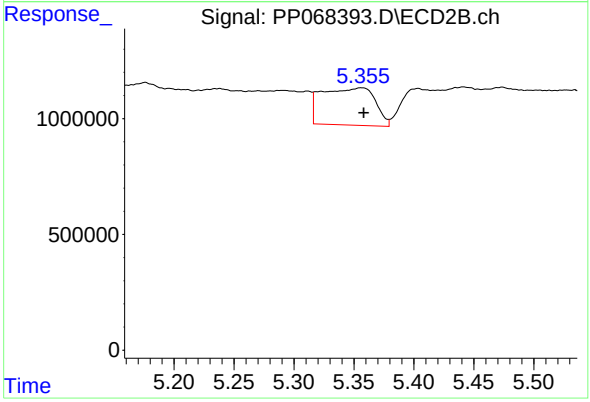
#17 AR-1242-2

R.T.: 5.176 min
Delta R.T.: -0.002 min
Response: 6186425
Conc: 160.17 ng/ml



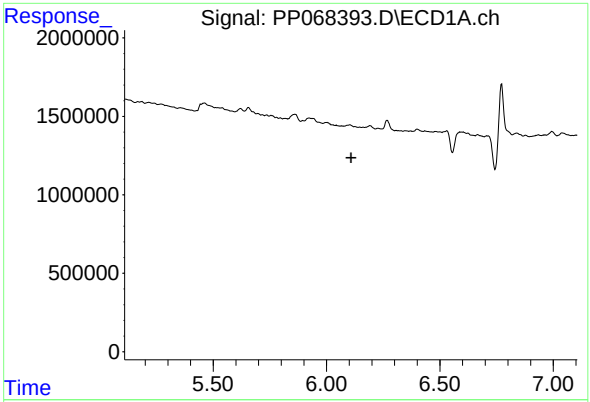
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 6.010 min
Response: 0
Conc: N.D.



#18 AR-1242-3

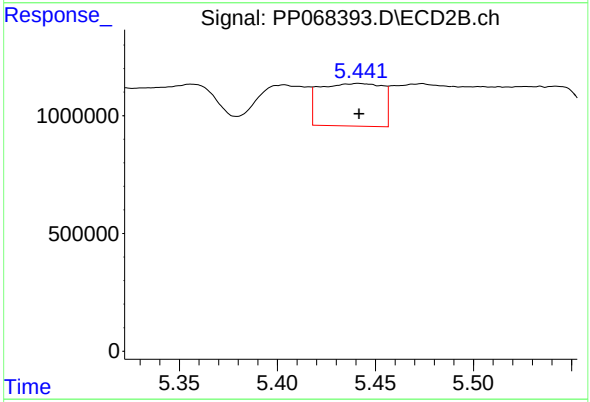
R.T.: 5.356 min
Delta R.T.: -0.002 min
Response: 4983782
Conc: 234.20 ng/ml



#19 AR-1242-4

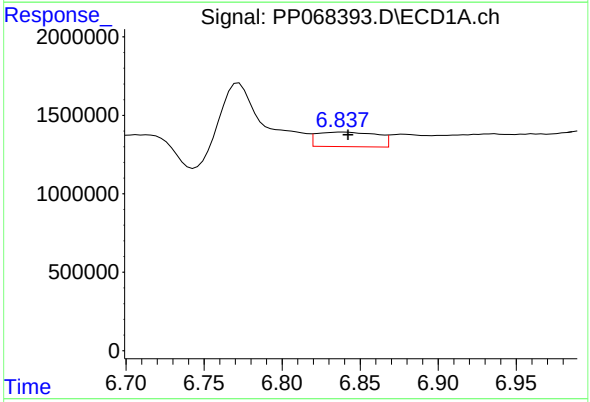
R.T.: 0.000 min
Exp R.T. : 6.109 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1268



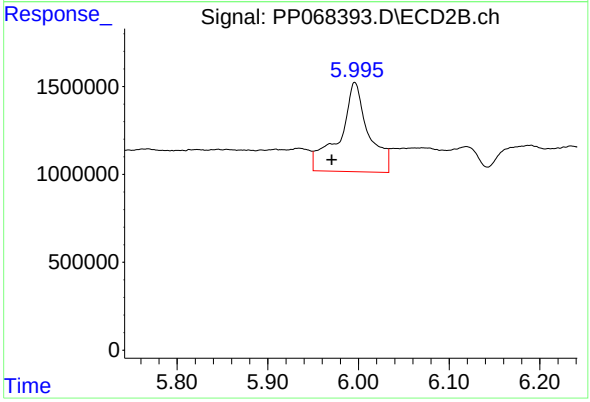
#19 AR-1242-4

R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 4010844
Conc: 175.96 ng/ml



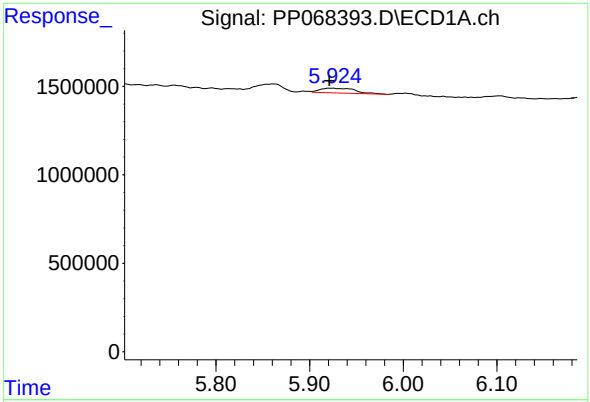
#20 AR-1242-5

R.T.: 6.838 min
Delta R.T.: -0.004 min
Response: 2486241
Conc: 102.40 ng/ml



#20 AR-1242-5

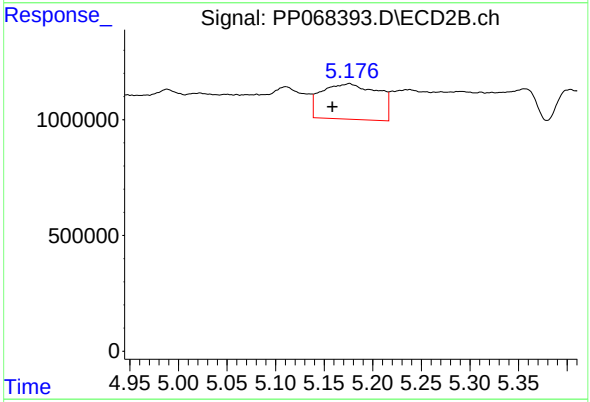
R.T.: 5.996 min
Delta R.T.: 0.025 min
Response: 11214581
Conc: 408.53 ng/ml



#21 AR-1248-1

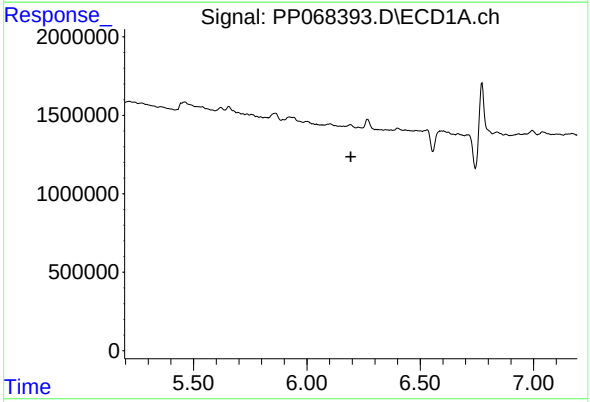
R.T.: 5.923 min
Delta R.T.: 0.001 min
Response: 717915
Conc: 31.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1268



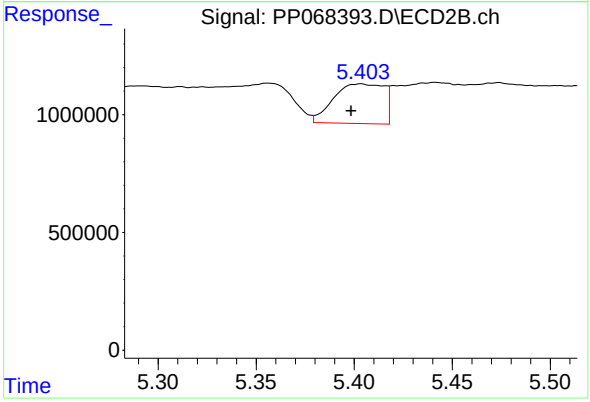
#21 AR-1248-1

R.T.: 5.176 min
Delta R.T.: 0.018 min
Response: 6186425
Conc: 283.16 ng/ml



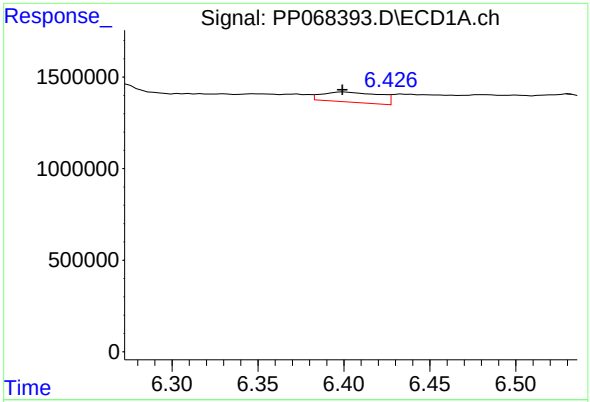
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.194 min
Response: 0
Conc: N.D.



#22 AR-1248-2

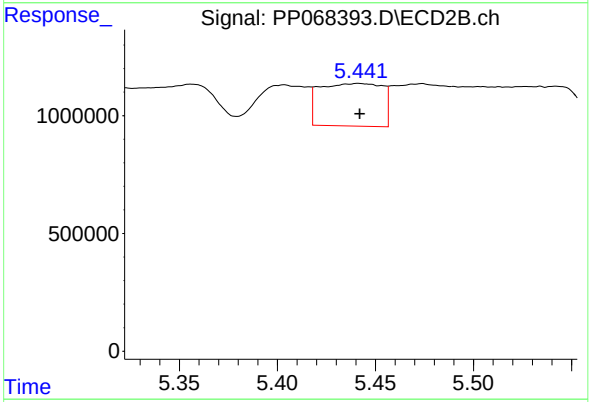
R.T.: 5.403 min
Delta R.T.: 0.005 min
Response: 3001988
Conc: 93.90 ng/ml



#23 AR-1248-3

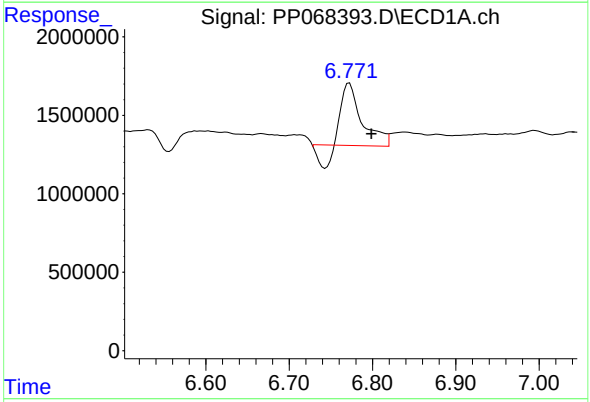
R.T.: 6.400 min
Delta R.T.: 0.000 min
Response: 1277527
Conc: 34.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1268



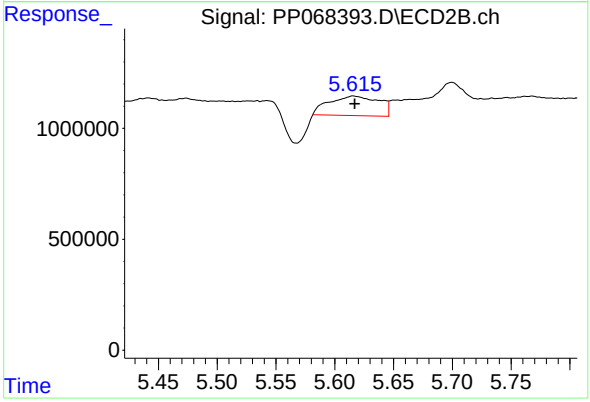
#23 AR-1248-3

R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 4010844
Conc: 119.70 ng/ml



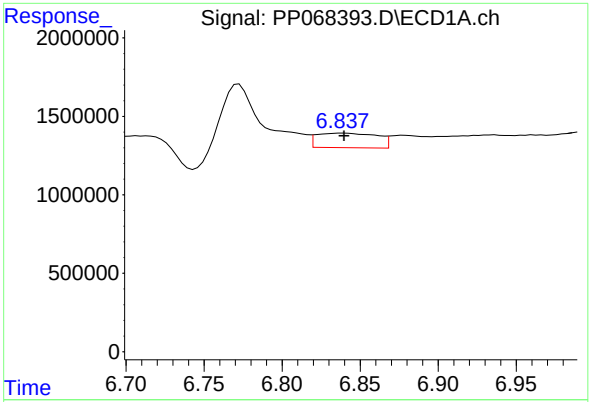
#24 AR-1248-4

R.T.: 6.772 min
Delta R.T.: -0.026 min
Response: 5467726
Conc: 127.79 ng/ml



#24 AR-1248-4

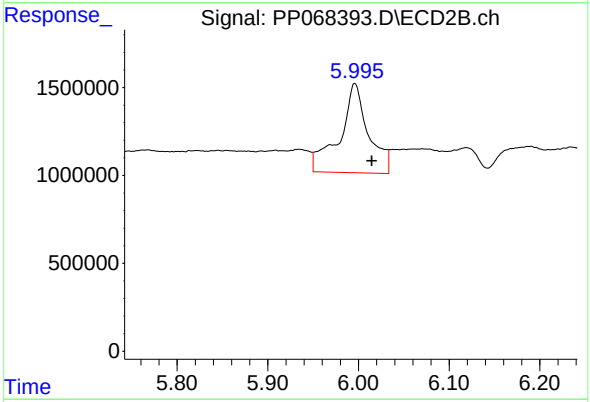
R.T.: 5.616 min
Delta R.T.: -0.001 min
Response: 2596340
Conc: 66.87 ng/ml



#25 AR-1248-5

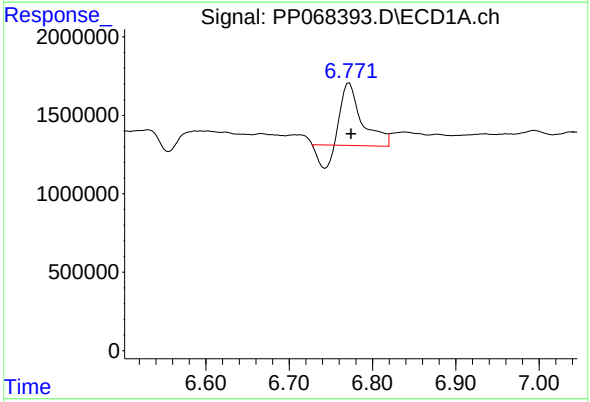
R.T.: 6.838 min
Delta R.T.: -0.001 min
Response: 2486241
Conc: 59.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1268



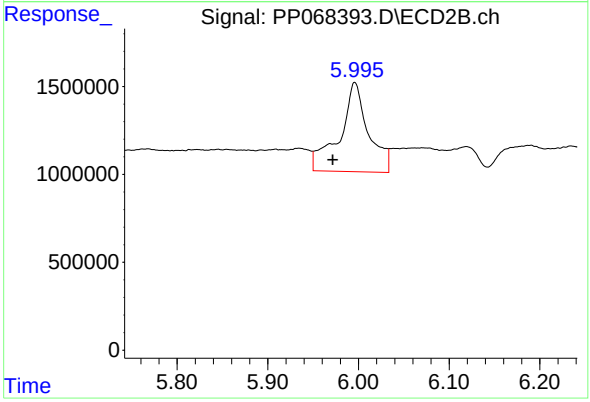
#25 AR-1248-5

R.T.: 5.996 min
Delta R.T.: -0.018 min
Response: 11214581
Conc: 302.54 ng/ml



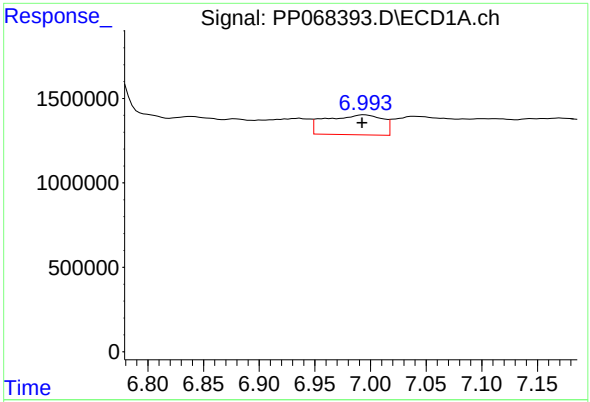
#26 AR-1254-1

R.T.: 6.772 min
Delta R.T.: -0.002 min
Response: 5467726
Conc: 105.38 ng/ml



#26 AR-1254-1

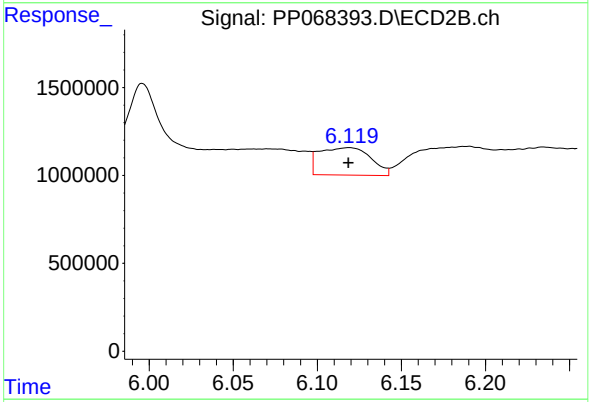
R.T.: 5.996 min
Delta R.T.: 0.025 min
Response: 11214581
Conc: 184.93 ng/ml



#27 AR-1254-2

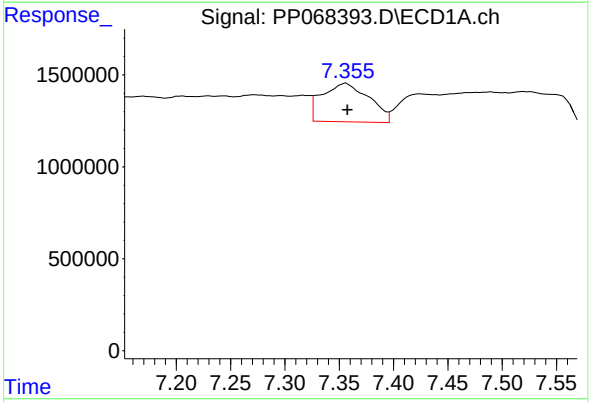
R.T.: 6.995 min
Delta R.T.: 0.002 min
Response: 4170105
Conc: 61.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1268



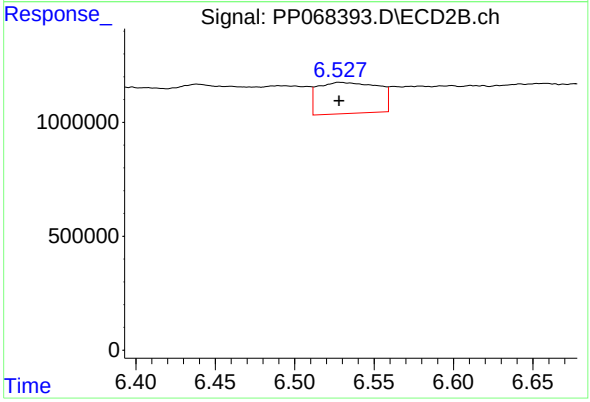
#27 AR-1254-2

R.T.: 6.119 min
Delta R.T.: 0.000 min
Response: 3329508
Conc: 63.14 ng/ml



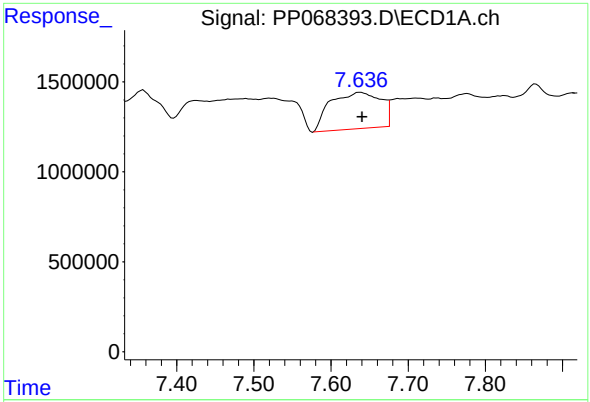
#28 AR-1254-3

R.T.: 7.357 min
Delta R.T.: 0.000 min
Response: 6343186
Conc: 88.77 ng/ml



#28 AR-1254-3

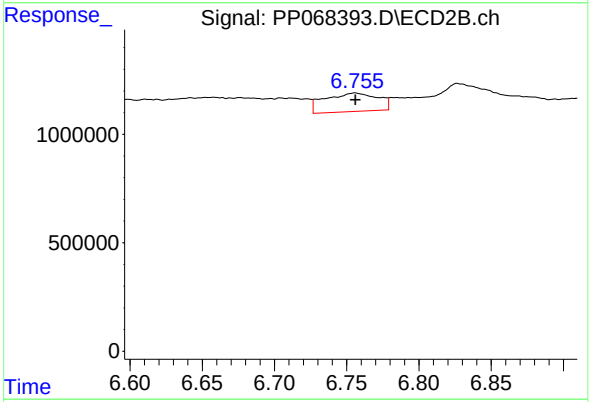
R.T.: 6.529 min
Delta R.T.: 0.000 min
Response: 3608198
Conc: 43.34 ng/ml



#29 AR-1254-4

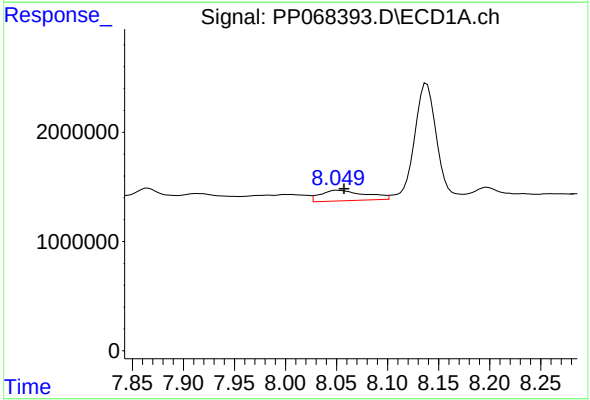
R.T.: 7.638 min
Delta R.T.: -0.003 min
Response: 9174827
Conc: 170.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1268



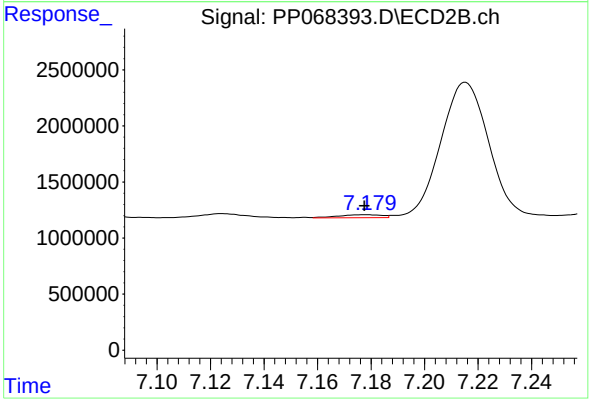
#29 AR-1254-4

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 2180774
Conc: 44.85 ng/ml



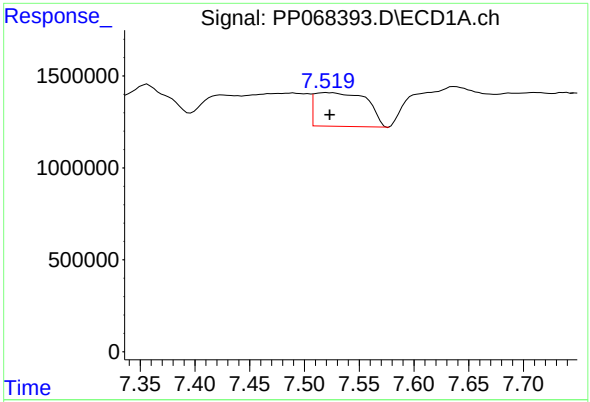
#30 AR-1254-5

R.T.: 8.051 min
Delta R.T.: -0.006 min
Response: 2972367
Conc: 47.43 ng/ml



#30 AR-1254-5

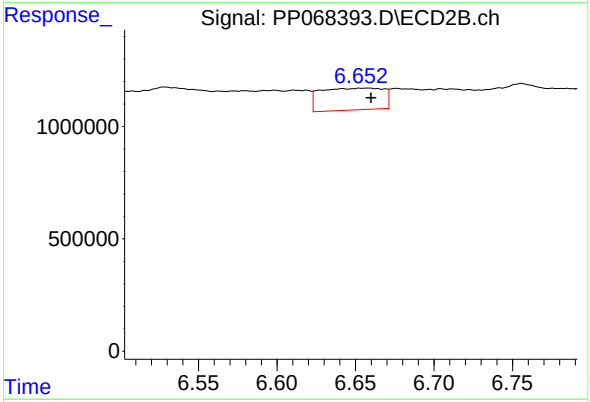
R.T.: 7.178 min
Delta R.T.: 0.000 min
Response: 310077
Conc: 4.15 ng/ml



#31 AR-1260-1

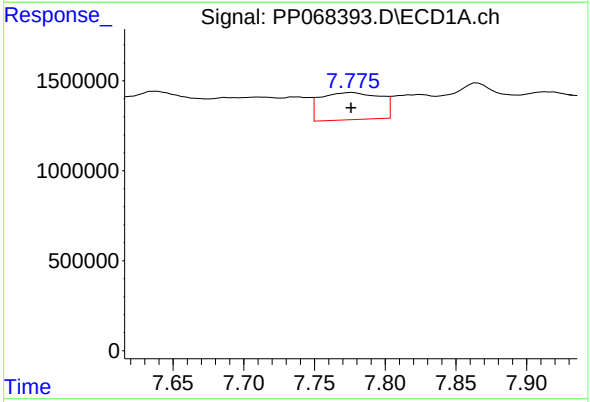
R.T.: 7.520 min
Delta R.T.: -0.003 min
Response: 6092636
Conc: 112.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1268



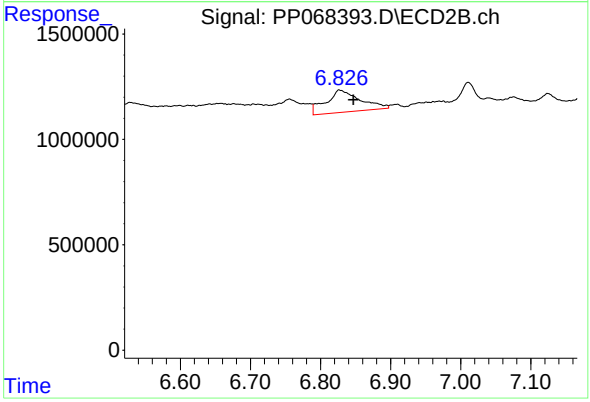
#31 AR-1260-1

R.T.: 6.658 min
Delta R.T.: -0.002 min
Response: 2701931
Conc: 48.55 ng/ml



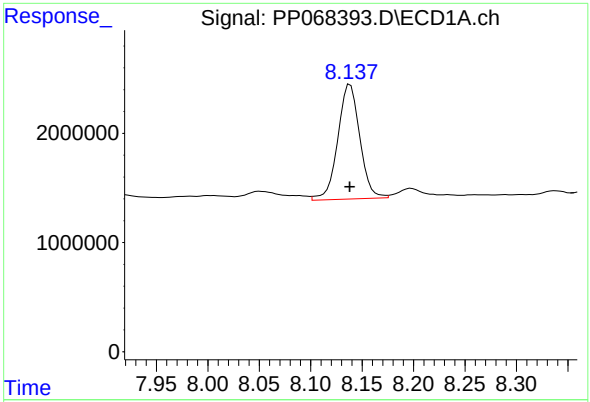
#32 AR-1260-2

R.T.: 7.777 min
Delta R.T.: 0.000 min
Response: 4438567
Conc: 69.78 ng/ml



#32 AR-1260-2

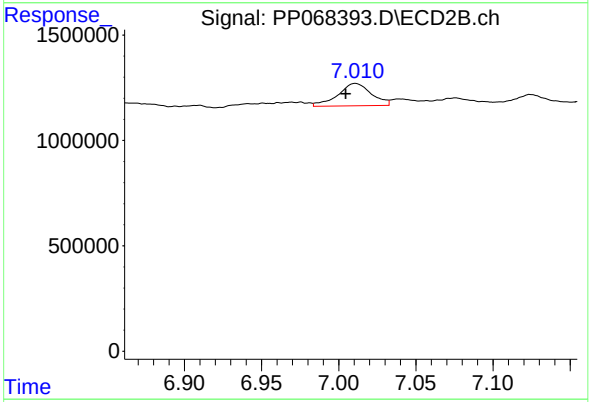
R.T.: 6.827 min
Delta R.T.: -0.020 min
Response: 3582342
Conc: 54.08 ng/ml



#33 AR-1260-3

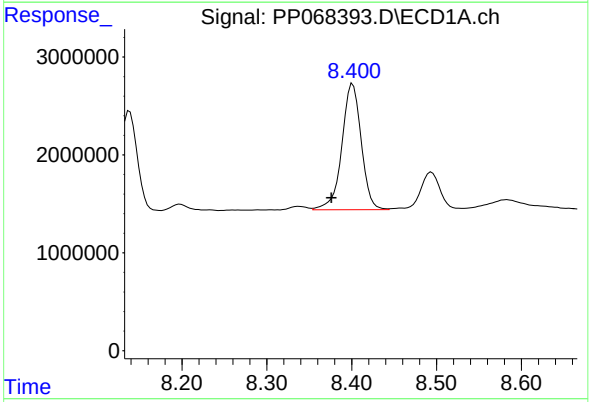
R.T.: 8.138 min
Delta R.T.: 0.000 min
Response: 15631512
Conc: 290.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1268



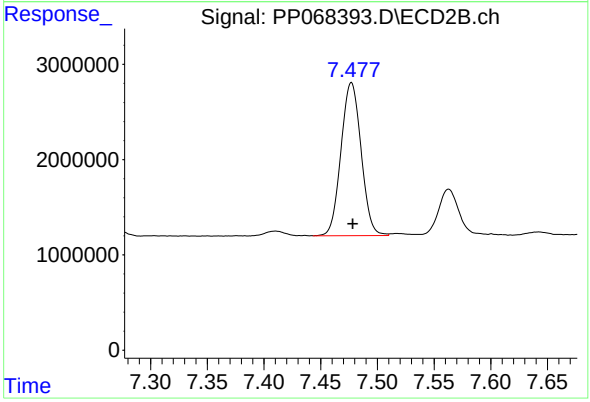
#33 AR-1260-3

R.T.: 7.011 min
Delta R.T.: 0.006 min
Response: 1595545
Conc: 25.78 ng/ml



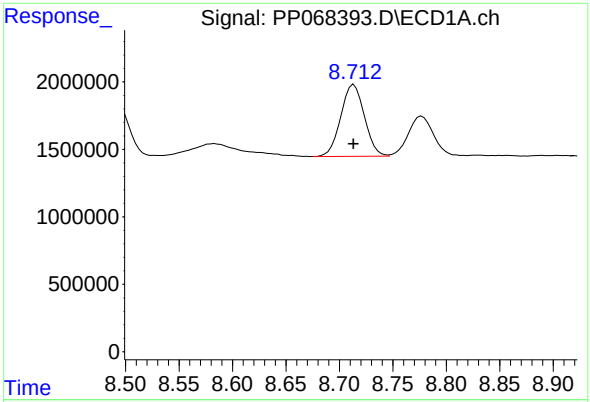
#34 AR-1260-4

R.T.: 8.401 min
Delta R.T.: 0.025 min
Response: 20421644
Conc: 328.17 ng/ml



#34 AR-1260-4

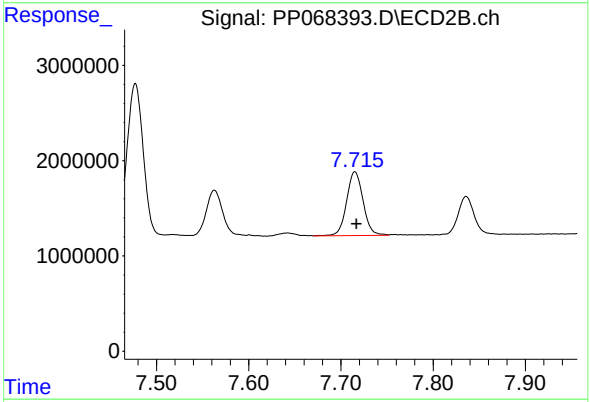
R.T.: 7.477 min
Delta R.T.: -0.001 min
Response: 19849226
Conc: 376.38 ng/ml



#35 AR-1260-5

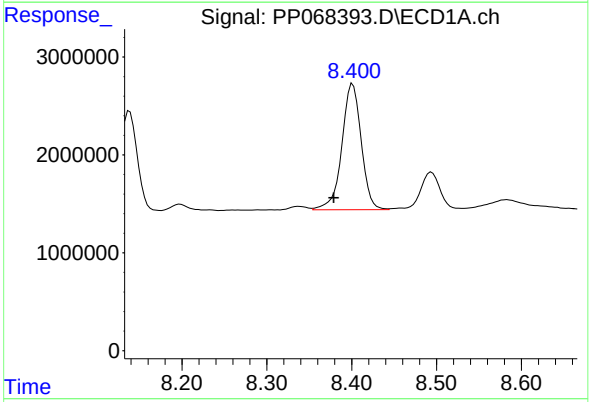
R.T.: 8.714 min
Delta R.T.: 0.000 min
Response: 8177802
Conc: 72.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1268



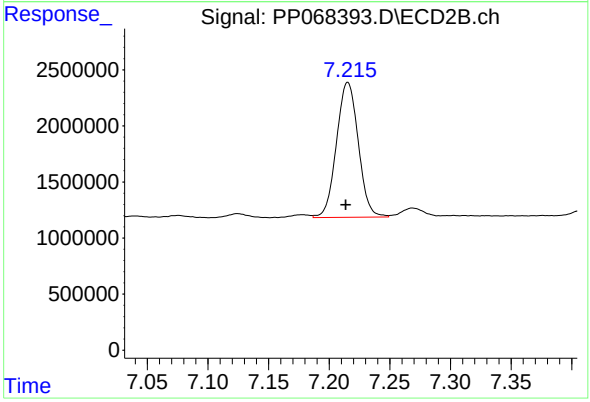
#35 AR-1260-5

R.T.: 7.715 min
Delta R.T.: -0.002 min
Response: 8325744
Conc: 69.92 ng/ml



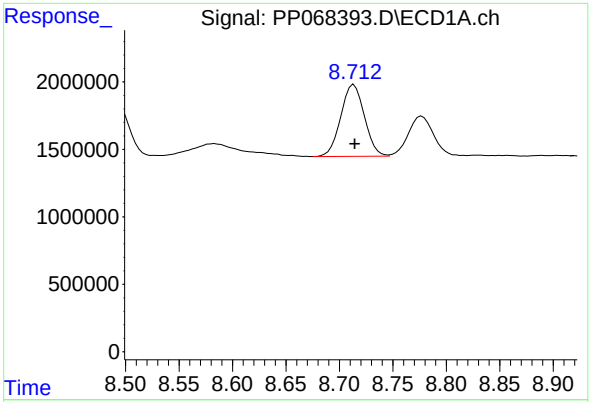
#36 AR-1262-1

R.T.: 8.401 min
Delta R.T.: 0.023 min
Response: 20421644
Conc: 275.47 ng/ml



#36 AR-1262-1

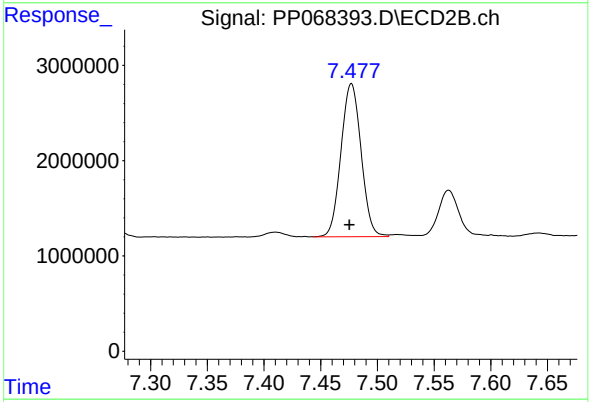
R.T.: 7.215 min
Delta R.T.: 0.002 min
Response: 15088505
Conc: 194.45 ng/ml



#37 AR-1262-2

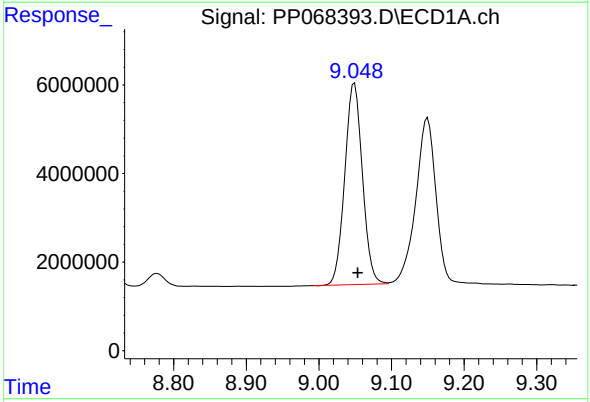
R.T.: 8.714 min
Delta R.T.: 0.000 min
Response: 8177802
Conc: 63.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1268



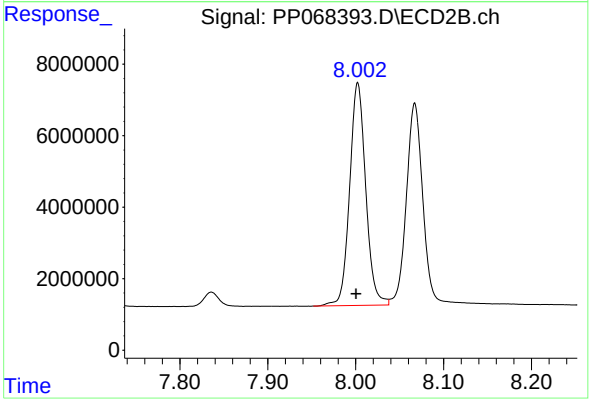
#37 AR-1262-2

R.T.: 7.477 min
Delta R.T.: 0.002 min
Response: 19849226
Conc: 280.77 ng/ml



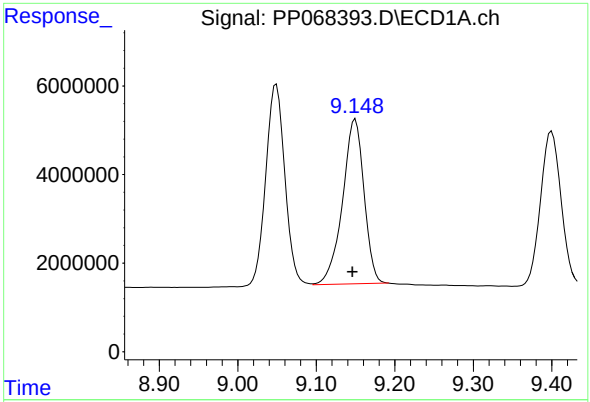
#38 AR-1262-3

R.T.: 9.049 min
Delta R.T.: -0.005 min
Response: 76767387
Conc: 802.33 ng/ml



#38 AR-1262-3

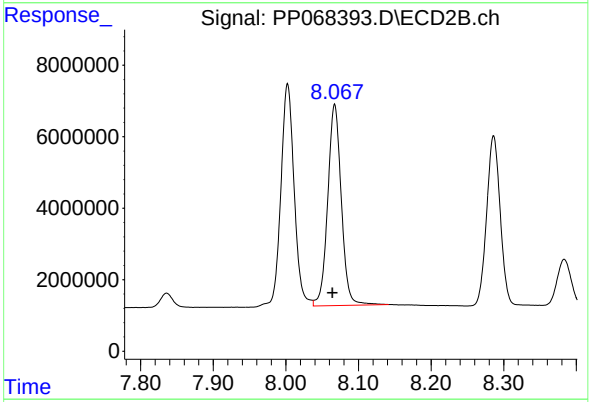
R.T.: 8.002 min
Delta R.T.: 0.002 min
Response: 79343717
Conc: 1348.29 ng/ml



#39 AR-1262-4

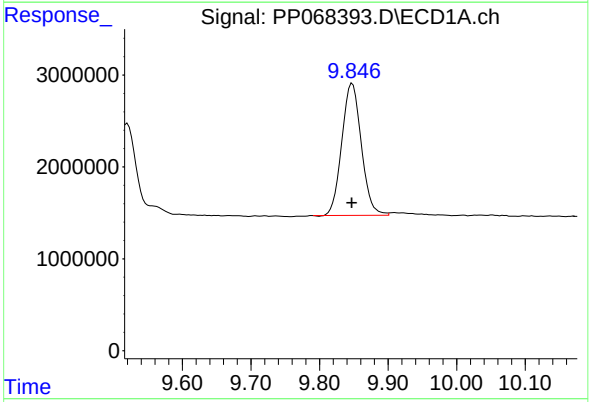
R.T.: 9.150 min
Delta R.T.: 0.004 min
Response: 70702887
Conc: 925.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1268



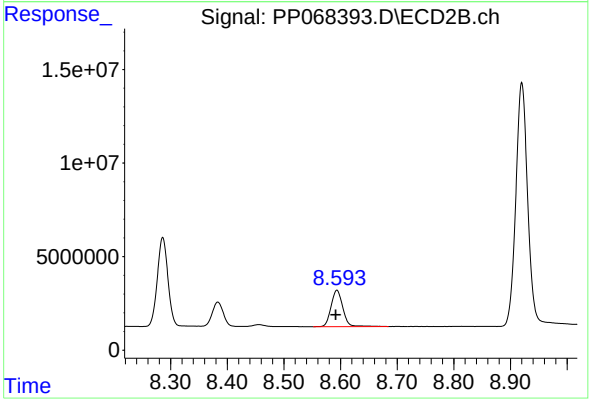
#39 AR-1262-4

R.T.: 8.067 min
Delta R.T.: 0.003 min
Response: 73179227
Conc: 706.35 ng/ml



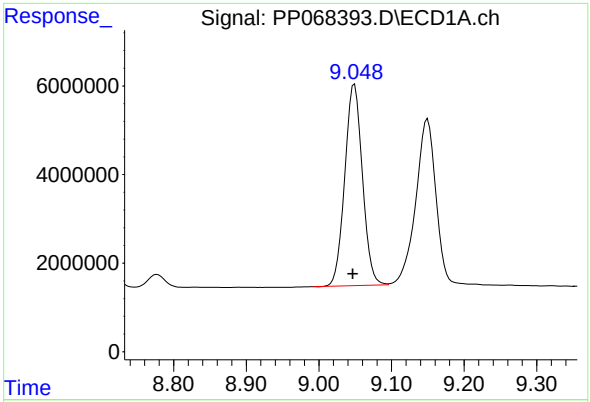
#40 AR-1262-5

R.T.: 9.848 min
Delta R.T.: 0.000 min
Response: 28417537
Conc: 531.34 ng/ml



#40 AR-1262-5

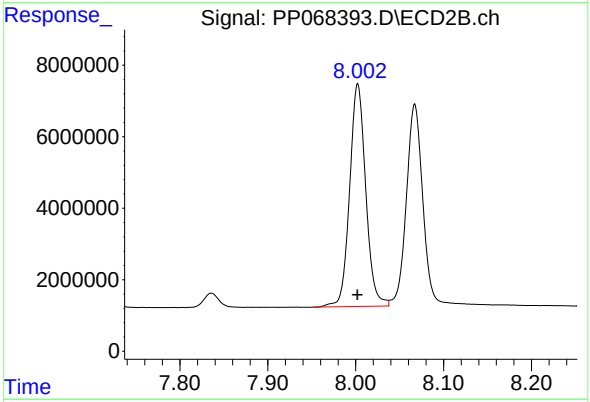
R.T.: 8.594 min
Delta R.T.: 0.002 min
Response: 28016994
Conc: 552.70 ng/ml



#41 AR-1268-1

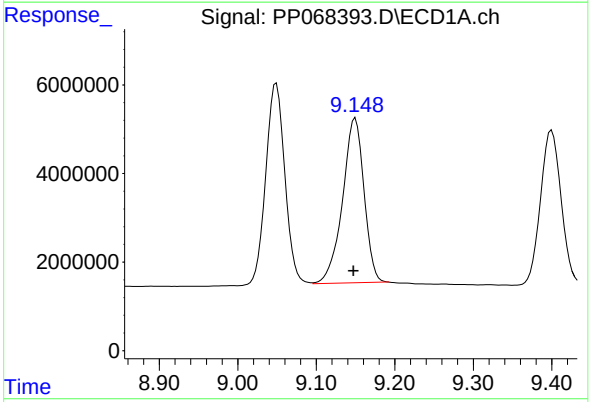
R.T.: 9.049 min
Delta R.T.: 0.002 min
Response: 76767387
Conc: 497.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1268



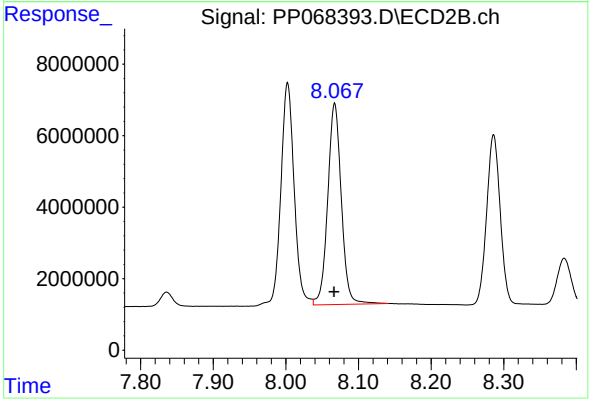
#41 AR-1268-1

R.T.: 8.002 min
Delta R.T.: 0.000 min
Response: 79343717
Conc: 509.50 ng/ml



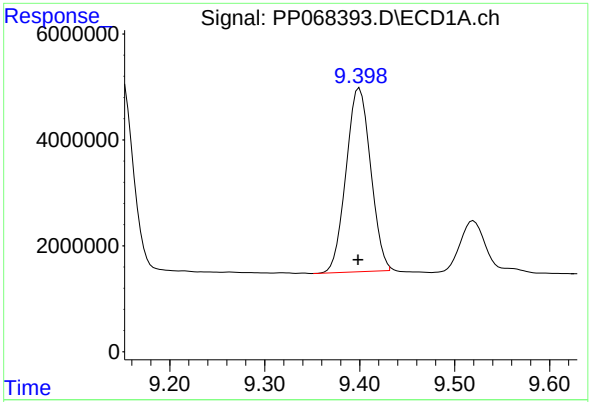
#42 AR-1268-2

R.T.: 9.150 min
Delta R.T.: 0.002 min
Response: 70702887
Conc: 505.07 ng/ml



#42 AR-1268-2

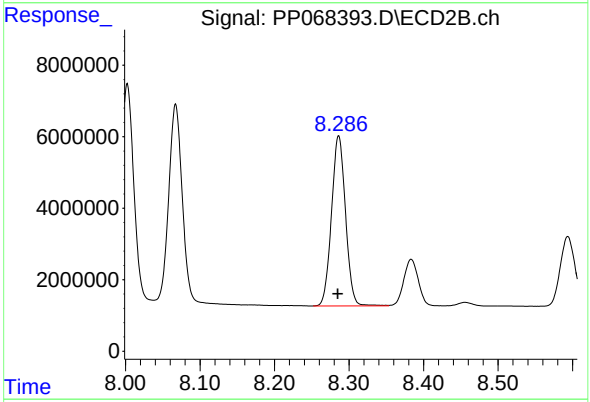
R.T.: 8.067 min
Delta R.T.: 0.000 min
Response: 73179227
Conc: 516.95 ng/ml



#43 AR-1268-3

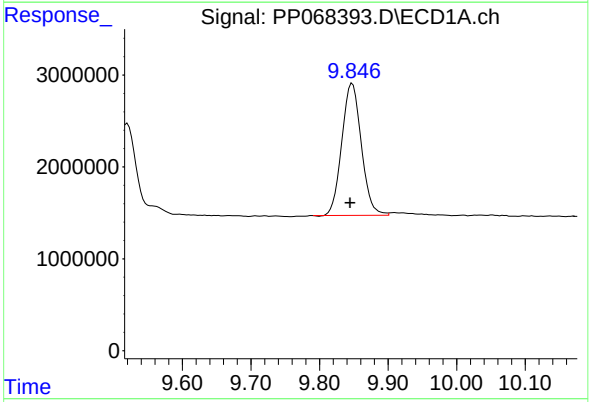
R.T.: 9.400 min
Delta R.T.: 0.001 min
Response: 62402882
Conc: 496.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1268



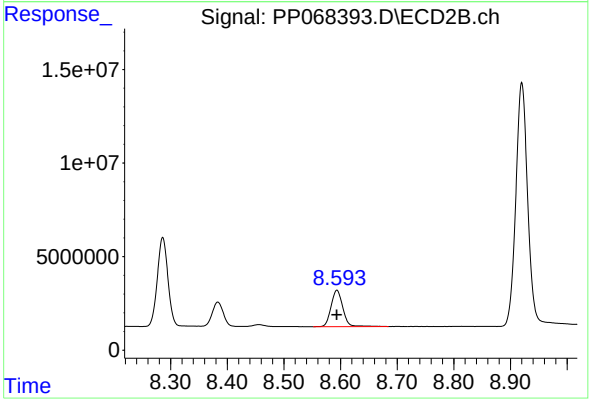
#43 AR-1268-3

R.T.: 8.286 min
Delta R.T.: 0.001 min
Response: 62074565
Conc: 498.53 ng/ml



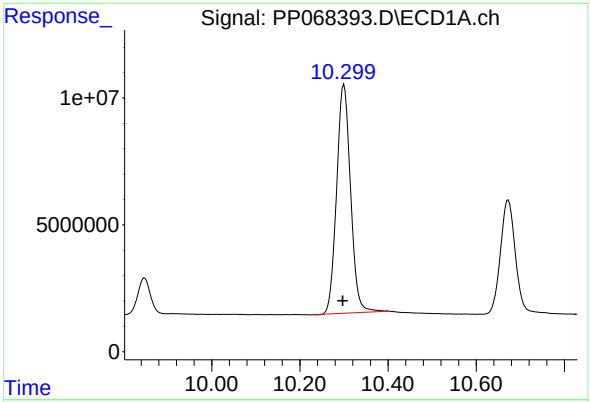
#44 AR-1268-4

R.T.: 9.848 min
Delta R.T.: 0.003 min
Response: 28417537
Conc: 531.80 ng/ml



#44 AR-1268-4

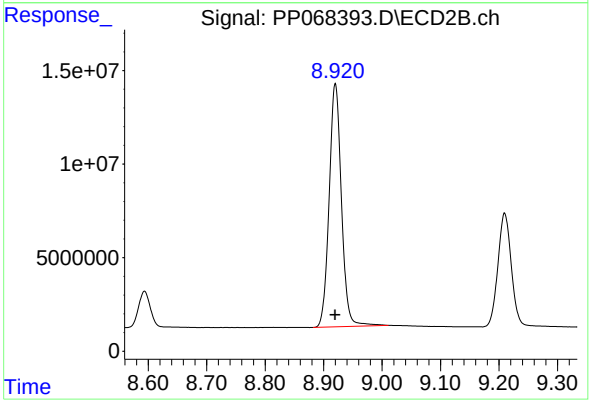
R.T.: 8.594 min
Delta R.T.: 0.000 min
Response: 28016994
Conc: 513.09 ng/ml



#45 AR-1268-5

R.T.: 10.300 min
Delta R.T.: 0.002 min
Response: 198216796
Conc: 499.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP110724AR1268



#45 AR-1268-5

R.T.: 8.920 min
Delta R.T.: 0.000 min
Response: 189575668
Conc: 503.42 ng/ml