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

Cover Page

Order ID : Q1122

Project ID : NWIRP Bethpage 112G08005-WE13

Client : Tetra Tech NUS, Inc.

Lab Sample Number	Client Sample Number
Q1122-01	RW10A-20250116
Q1122-02	RW10A-F-20250116

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: 1/22/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

CASE NARRATIVE

Tetra Tech NUS, Inc.
Project Name: NWIRP Bethpage 112G08005-WE13
Project Manager : Ernie Wu
Chemtech Project # Q1122
Test Name: PCB

A. Number of Samples and Date of Receipt:
2 Water samples were received on 01/16/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Alkalinity, Dissolved ICP-TAL Metals, Dissolved Mercury, DISSOLVED METALS-TAL, Mercury, Metals ICP-TAL, METALS-TAL, PCB, PESTICIDE Group2, Pesticide-PCB, Pesticide-TCL, pH, Phosphorus-Total, SVOC-TCL BNA -20, TDS and TSS. 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 3510.

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 RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank Spike Duplicate 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 File ID PP069229.D met the requirements except for Aroclor-1260(Peak-04) is failing in 2nd column but it is passing for 1st column therefore no corrective action taken.

E. Additional Comments:
Sample# RW10A-20250116 was received with Limited volume for PCB, client aware of this issue, see ROC in shipping document section.

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

The laboratory cRW10A-20250116ertifies that the all-electronic diskette deliverable exactly match the data summary forms (i.e. Form Is).
The not QT review data is reported in the Miscellaneous.

F. 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_____

284 Sheffield Street, Mountainside NJ 07092 Tel. 908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- ORGANIC

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

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

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

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: Q1122 MATRIX: Water

METHOD: 8082A/3510

		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 File ID PP069229.D met the requirements except for Aroclor-1260(Peak-04) is failing in 2nd column but it is passing for 1st column therefore no corrective action taken			✓
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 Blank Spike met requirements for all samples . The Blank Spike Duplicate 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:			✓
9.	Analysis Holding Time Met If not met, list those compounds and their recoveries which fall outside the acceptable range.			✓

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

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

NA NO YES

ADDITIONAL COMMENTS:

Sample# RW10A-20250116 was received with Limited volume for PCB , client aware of this issue, see ROC in shipping document section.

The laboratory cRW10A-20250116ertifies that the all-electronic diskette deliverable exactly match the data summary forms (i.e. Form Is).

The not QT review data is reported in the Miscellaneous.

_____ _____

QA REVIEW Date

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q1122**

	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:** **01/22/2025**

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

LAB CHRONICLE

OrderID:	Q1122	**OrderDate:**	1/17/2025 8:43:00 AM
Client:	Tetra Tech NUS, Inc.	**Project:**	NWIRP Bethpage 112G08005-WE13
Contact:	Ernie Wu	**Location:**	E11,M11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1122-01	**RW10A-20250116**	**WATER**			**01/16/25**			**01/16/25**
			PCB	8082A		01/17/25	01/20/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q1122 **Order ID:** Q1122

Client: Tetra Tech NUS, Inc. **Project ID:** NWIRP Bethpage 112G08005-WE13

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

Client ID :

Total Concentration: **0.000**

QC
SUMMARY

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

Surrogate Summary

SDG No.: Q1122

Client: Tetra Tech NUS, Inc.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PP068914.D	PIBLK-PP068914.D	Tetrachloro-m-xylene	1	20	21.4	107		60	140
		Decachlorobiphenyl	1	20	23.6	118		60	140
		Tetrachloro-m-xylene	2	20	21.8	109		60	140
		Decachlorobiphenyl	2	20	22.9	115		60	140
I.BLK-PP069218.D	PIBLK-PP069218.D	Tetrachloro-m-xylene	1	20	18.2	91		60	140
		Decachlorobiphenyl	1	20	18.5	93		60	140
		Tetrachloro-m-xylene	2	20	17.0	85		60	140
		Decachlorobiphenyl	2	20	18.0	90		60	140
PB166124BL	PB166124BL	Tetrachloro-m-xylene	1	20	21.4	107		35	137
		Decachlorobiphenyl	1	20	21.5	107		40	135
		Tetrachloro-m-xylene	2	20	20.6	103		35	137
		Decachlorobiphenyl	2	20	20.3	101		40	135
PB166124BS	PB166124BS	Tetrachloro-m-xylene	1	20	21.9	110		35	137
		Decachlorobiphenyl	1	20	21.1	106		40	135
		Tetrachloro-m-xylene	2	20	20.8	104		35	137
		Decachlorobiphenyl	2	20	20.3	102		40	135
PB166124BSD	PB166124BSD	Tetrachloro-m-xylene	1	20	21.9	110		35	137
		Decachlorobiphenyl	1	20	21.6	108		40	135
		Tetrachloro-m-xylene	2	20	21.4	107		35	137
		Decachlorobiphenyl	2	20	20.9	105		40	135
Q1122-01	RW10A-20250116	Tetrachloro-m-xylene	1	20	20.4	102		35	137
		Decachlorobiphenyl	1	20	20.6	103		40	135
		Tetrachloro-m-xylene	2	20	19.4	97		35	137
		Decachlorobiphenyl	2	20	18.9	94		40	135
I.BLK-PP069233.D	PIBLK-PP069233.D	Tetrachloro-m-xylene	1	20	19.0	95		60	140
		Decachlorobiphenyl	1	20	18.7	94		60	140
		Tetrachloro-m-xylene	2	20	17.9	89		60	140
		Decachlorobiphenyl	2	20	17.7	88		60	140

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1122

Client: Tetra Tech NUS, Inc.

Analytical Method: 8082A **Datafile :** PP069220.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB166124BS	AR1016	5	4.50	ug/L	90				46	129	
	AR1260	5	4.10	ug/L	82				45	134	

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1122

Client: Tetra Tech NUS, Inc.

Analytical Method: 8082A **Datafile :** PP069221.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB166124BSD	AR1016	5	4.60	ug/L	92	2			46	129	20
	AR1260	5	4.10	ug/L	82	0			45	134	20

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

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB166124BL

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q1122 SAS No.: Q1122 SDG NO.: Q1122

Lab Sample ID: PB166124BL Lab File ID: PP069219.D

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

Sulfur Cleanup: (Y/N) N Date Extracted: 01/17/2025

Date Analyzed (1): 01/20/2025 Date Analyzed (2): 01/20/2025

Time Analyzed (1): 10:21 Time Analyzed (2): 10:21

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
PB166124BS	PB166124BS	PP069220.D	01/20/2025	01/20/2025
PB166124BSD	PB166124BSD	PP069221.D	01/20/2025	01/20/2025
RW10A-20250116	Q1122-01	PP069222.D	01/20/2025	01/20/2025

COMMENTS:

Alliance
TECHNICAL GROUP

SAMPLE DATA

Raw Data: **PP069222.D**

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/16/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	01/16/25
Client Sample ID:	RW10A-20250116	SDG No.:	Q1122
Lab Sample ID:	Q1122-01	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	490 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069222.D	1	01/17/25 11:30	01/20/25 11:10	PB166124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.41	U	0.15	0.41	0.51	ug/L
11104-28-2	Aroclor-1221	0.41	U	0.23	0.41	0.51	ug/L
11141-16-5	Aroclor-1232	0.41	U	0.38	0.41	0.51	ug/L
53469-21-9	Aroclor-1242	0.41	U	0.16	0.41	0.51	ug/L
12672-29-6	Aroclor-1248	0.41	U	0.12	0.41	0.51	ug/L
11097-69-1	Aroclor-1254	0.41	U	0.11	0.41	0.51	ug/L
37324-23-5	Aroclor-1262	0.41	U	0.14	0.41	0.51	ug/L
11100-14-4	Aroclor-1268	0.41	U	0.12	0.41	0.51	ug/L
11096-82-5	Aroclor-1260	0.41	U	0.15	0.41	0.51	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.4		35 - 137		102%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.6		40 - 135		103%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PP069222.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012025\
Data File : PP069222.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jan 2025 11:10
Operator : YP\AJ
Sample : Q1122-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
RW10A-20250116

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 20 11:30:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 11:05:55 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.668	3.979	28397858	18884217	20.411	19.345
2)	SA Decachlor...	10.509	9.097	22943483	22685317	20.550	18.884
	Target Compounds						

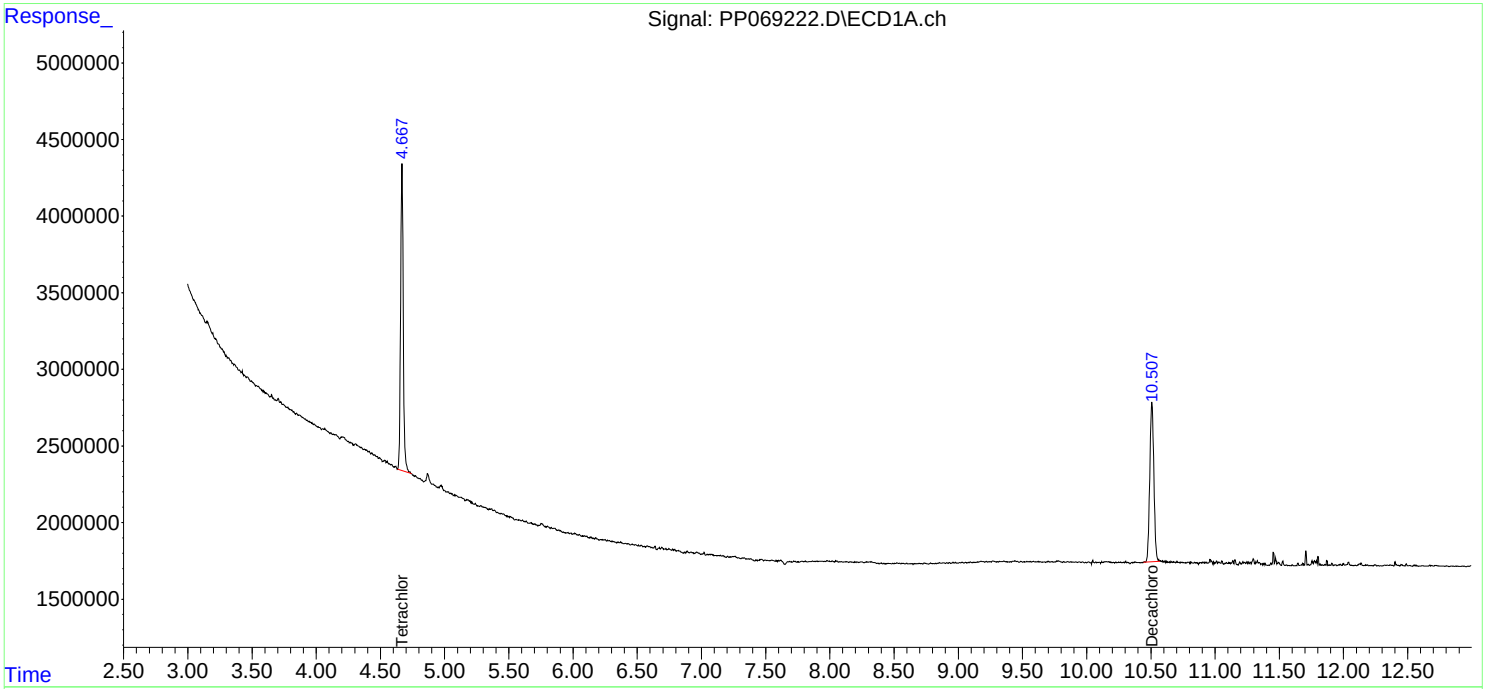
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

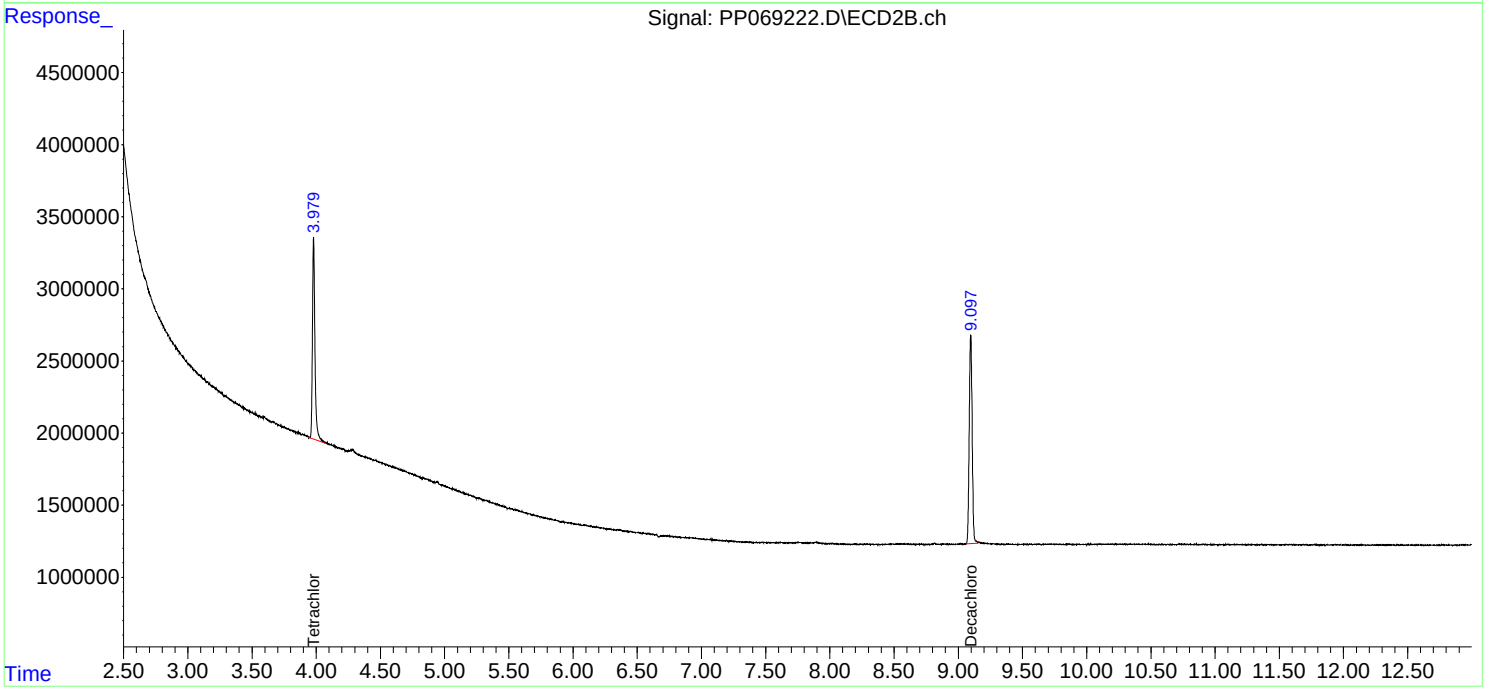
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012025\
Data File : PP069222.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jan 2025 11:10
Operator : YP\AJ
Sample : Q1122-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

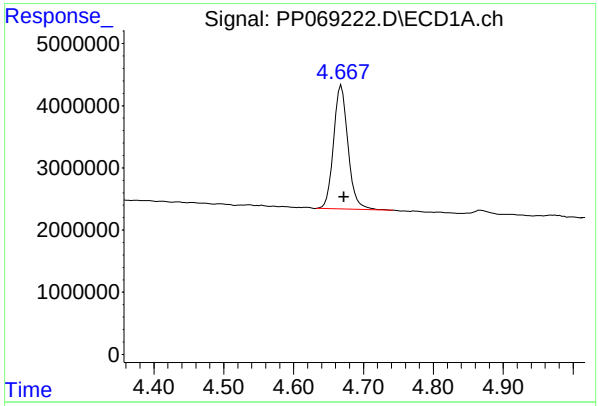
Instrument :
ECD_P
ClientSampleId :
RW10A-20250116

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 20 11:30:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 11:05:55 2025
Response via : Initial Calibration
Integrator: ChemStation

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



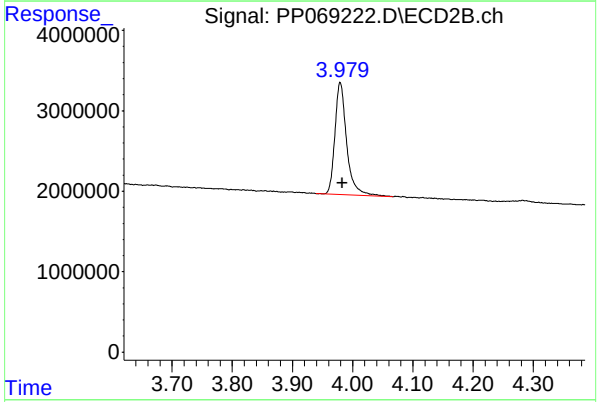




#1 Tetrachloro-m-xylene

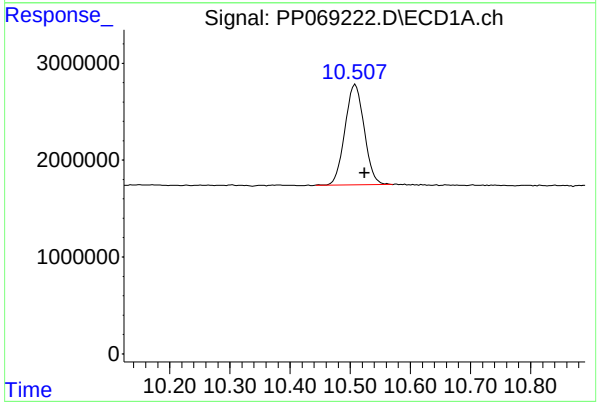
R.T.: 4.668 min
Delta R.T.: -0.004 min
Response: 28397858
Conc: 20.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
RW10A-20250116



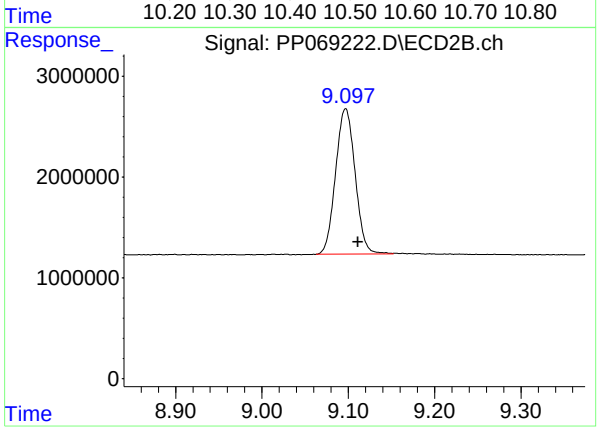
#1 Tetrachloro-m-xylene

R.T.: 3.979 min
Delta R.T.: -0.004 min
Response: 18884217
Conc: 19.35 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.509 min
Delta R.T.: -0.016 min
Response: 22943483
Conc: 20.55 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.097 min
Delta R.T.: -0.014 min
Response: 22685317
Conc: 18.88 ng/ml

CALIBRATION SUMMARY

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Contract: TETR06

Lab Code: CHEM **Case No.:** Q1122 **SAS No.:** Q1122 **SDG NO.:** Q1122

Instrument ID: ECD_P **Calibration Date(s):** 01/06/2025 01/07/2025

Calibration Times: 19:57 03:16

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

LAB FILE ID: RT 1000 = PP068915.D RT 750 = PP068916.D

RT 500 = PP068917.D RT 250 = PP068918.D RT 050 = PP068919.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.83	5.83	5.83	5.83	5.83	5.83	5.73	5.93
Aroclor-1016-2	(2)	5.85	5.86	5.85	5.85	5.85	5.85	5.75	5.95
Aroclor-1016-3	(3)	5.92	5.92	5.92	5.92	5.92	5.92	5.82	6.02
Aroclor-1016-4	(4)	6.02	6.02	6.02	6.02	6.02	6.02	5.92	6.12
Aroclor-1016-5	(5)	6.31	6.31	6.31	6.31	6.31	6.31	6.21	6.41
Aroclor-1260-1	(1)	7.43	7.43	7.43	7.43	7.43	7.43	7.33	7.53
Aroclor-1260-2	(2)	7.69	7.69	7.69	7.69	7.69	7.69	7.59	7.79
Aroclor-1260-3	(3)	8.05	8.05	8.05	8.05	8.05	8.05	7.95	8.15
Aroclor-1260-4	(4)	8.28	8.28	8.28	8.28	8.28	8.28	8.18	8.38
Aroclor-1260-5	(5)	8.61	8.61	8.61	8.61	8.61	8.61	8.51	8.71
Decachlorobiphenyl		10.52	10.53	10.52	10.52	10.53	10.52	10.42	10.62
Tetrachloro-m-xylene		4.67	4.67	4.67	4.67	4.67	4.67	4.57	4.77
Aroclor-1242-1	(1)	5.83	5.83	5.83	5.84	5.84	5.83	5.73	5.93
Aroclor-1242-2	(2)	5.86	5.86	5.86	5.86	5.86	5.86	5.76	5.96
Aroclor-1242-3	(3)	5.92	5.92	5.92	5.92	5.92	5.92	5.82	6.02
Aroclor-1242-4	(4)	6.02	6.02	6.02	6.02	6.02	6.02	5.92	6.12
Aroclor-1242-5	(5)	6.75	6.75	6.75	6.75	6.75	6.75	6.65	6.85
Decachlorobiphenyl		10.53	10.52	10.53	10.53	10.53	10.53	10.43	10.63
Tetrachloro-m-xylene		4.67	4.67	4.67	4.67	4.67	4.67	4.57	4.77
Aroclor-1248-1	(1)	5.83	5.83	5.84	5.83	5.84	5.83	5.73	5.93
Aroclor-1248-2	(2)	6.10	6.11	6.11	6.11	6.11	6.11	6.01	6.21
Aroclor-1248-3	(3)	6.31	6.31	6.31	6.31	6.31	6.31	6.21	6.41
Aroclor-1248-4	(4)	6.71	6.71	6.71	6.71	6.71	6.71	6.61	6.81
Aroclor-1248-5	(5)	6.75	6.75	6.75	6.75	6.75	6.75	6.65	6.85
Decachlorobiphenyl		10.52	10.52	10.53	10.52	10.53	10.52	10.42	10.62
Tetrachloro-m-xylene		4.67	4.67	4.67	4.67	4.68	4.67	4.57	4.77
Aroclor-1254-1	(1)	6.69	6.69	6.69	6.69	6.69	6.69	6.59	6.79
Aroclor-1254-2	(2)	6.91	6.90	6.91	6.90	6.91	6.91	6.81	7.01
Aroclor-1254-3	(3)	7.27	7.27	7.27	7.27	7.27	7.27	7.17	7.37
Aroclor-1254-4	(4)	7.55	7.55	7.55	7.55	7.55	7.55	7.45	7.65
Aroclor-1254-5	(5)	7.97	7.97	7.97	7.97	7.97	7.97	7.87	8.07
Decachlorobiphenyl		10.52	10.52	10.52	10.52	10.53	10.52	10.42	10.62
Tetrachloro-m-xylene		4.67	4.67	4.67	4.67	4.67	4.67	4.57	4.77
Aroclor-1268-1	(1)	8.94	8.94	8.94	8.94	8.94	8.94	8.84	9.04
Aroclor-1268-2	(2)	9.04	9.04	9.04	9.04	9.04	9.04	8.94	9.14
Aroclor-1268-3	(3)	9.29	9.28	9.29	9.29	9.28	9.29	9.19	9.39
Aroclor-1268-4	(4)	9.72	9.72	9.72	9.72	9.72	9.72	9.62	9.82
Aroclor-1268-5	(5)	10.16	10.16	10.16	10.16	10.16	10.16	10.06	10.26

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

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.53	10.52	10.53	10.53	10.53	10.53	10.43	10.63
Tetrachloro-m-xylene	4.67	4.67	4.68	4.67	4.67	4.67	4.57	4.77

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Contract: TETR06

Lab Code: CHEM **Case No.:** Q1122 **SAS No.:** Q1122 **SDG NO.:** Q1122

Instrument ID: ECD_P **Calibration Date(s):** 01/06/2025 01/07/2025

Calibration Times: 19:57 03:16

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

LAB FILE ID: RT 1000 = PP068915.D RT 750 = PP068916.D

RT 500 = PP068917.D RT 250 = PP068918.D RT 050 = PP068919.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.09	5.09	5.09	5.09	5.09	5.09	4.99	5.19
Aroclor-1016-2	(2)	5.11	5.10	5.10	5.10	5.11	5.10	5.00	5.20
Aroclor-1016-3	(3)	5.29	5.28	5.28	5.28	5.28	5.28	5.18	5.38
Aroclor-1016-4	(4)	5.32	5.32	5.32	5.32	5.32	5.32	5.22	5.42
Aroclor-1016-5	(5)	5.54	5.54	5.54	5.54	5.54	5.54	5.44	5.64
Aroclor-1260-1	(1)	6.58	6.58	6.58	6.58	6.59	6.58	6.48	6.68
Aroclor-1260-2	(2)	6.77	6.77	6.77	6.77	6.77	6.77	6.67	6.87
Aroclor-1260-3	(3)	6.93	6.93	6.93	6.93	6.93	6.93	6.83	7.03
Aroclor-1260-4	(4)	7.40	7.40	7.40	7.40	7.40	7.40	7.30	7.50
Aroclor-1260-5	(5)	7.64	7.64	7.64	7.64	7.64	7.64	7.54	7.74
Decachlorobiphenyl		9.11	9.11	9.11	9.11	9.11	9.11	9.01	9.21
Tetrachloro-m-xylene		3.98	3.98	3.98	3.98	3.98	3.98	3.88	4.08
Aroclor-1242-1	(1)	5.09	5.08	5.08	5.09	5.09	5.09	4.99	5.19
Aroclor-1242-2	(2)	5.11	5.10	5.10	5.10	5.10	5.10	5.00	5.20
Aroclor-1242-3	(3)	5.29	5.28	5.28	5.28	5.28	5.28	5.18	5.38
Aroclor-1242-4	(4)	5.37	5.37	5.37	5.37	5.37	5.37	5.27	5.47
Aroclor-1242-5	(5)	5.90	5.90	5.90	5.90	5.90	5.90	5.80	6.00
Decachlorobiphenyl		9.11	9.11	9.11	9.11	9.11	9.11	9.01	9.21
Tetrachloro-m-xylene		3.98	3.98	3.98	3.98	3.98	3.98	3.88	4.08
Aroclor-1248-1	(1)	5.09	5.08	5.09	5.09	5.09	5.09	4.99	5.19
Aroclor-1248-2	(2)	5.33	5.32	5.32	5.33	5.32	5.32	5.22	5.42
Aroclor-1248-3	(3)	5.37	5.37	5.37	5.37	5.37	5.37	5.27	5.47
Aroclor-1248-4	(4)	5.54	5.54	5.54	5.54	5.54	5.54	5.44	5.64
Aroclor-1248-5	(5)	5.94	5.94	5.94	5.94	5.94	5.94	5.84	6.04
Decachlorobiphenyl		9.11	9.11	9.11	9.11	9.11	9.11	9.01	9.21
Tetrachloro-m-xylene		3.98	3.98	3.98	3.98	3.98	3.98	3.88	4.08
Aroclor-1254-1	(1)	5.90	5.90	5.90	5.90	5.90	5.90	5.80	6.00
Aroclor-1254-2	(2)	6.05	6.05	6.05	6.05	6.05	6.05	5.95	6.15
Aroclor-1254-3	(3)	6.45	6.45	6.45	6.45	6.45	6.45	6.35	6.55
Aroclor-1254-4	(4)	6.68	6.68	6.68	6.68	6.68	6.68	6.58	6.78
Aroclor-1254-5	(5)	7.10	7.10	7.10	7.10	7.10	7.10	7.00	7.20
Decachlorobiphenyl		9.11	9.11	9.11	9.11	9.11	9.11	9.01	9.21
Tetrachloro-m-xylene		3.98	3.98	3.98	3.98	3.98	3.98	3.88	4.08
Aroclor-1268-1	(1)	7.93	7.93	7.93	7.93	7.93	7.93	7.83	8.03
Aroclor-1268-2	(2)	7.99	7.99	7.99	7.99	7.99	7.99	7.89	8.09
Aroclor-1268-3	(3)	8.21	8.21	8.21	8.21	8.21	8.21	8.11	8.31
Aroclor-1268-4	(4)	8.51	8.51	8.51	8.51	8.51	8.51	8.41	8.61
Aroclor-1268-5	(5)	8.83	8.83	8.83	8.83	8.83	8.83	8.73	8.93

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

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	9.11	9.11	9.11	9.11	9.11	9.11	9.01	9.21
Tetrachloro-m-xylene	3.98	3.99	3.98	3.99	3.99	3.99	3.89	4.09

Raw Data

Alliance TECHNICAL GROUP

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: TETR06

Lab Code: CHEM **Case No.:** Q1122 **SAS No.:** Q1122 **SDG NO.:** Q1122

Instrument ID: ECD_P **Calibration Date(s):** 01/06/2025 01/07/2025

Calibration Times: 19:57 03:16

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

LAB FILE ID: **CF 1000 =** PP068915.D **CF 750 =** PP068916.D

CF 500 = PP068917.D **CF 250 =** PP068918.D **CF 050 =** PP068919.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	40885041	42512889	44289716	47071260	49420440	44835869	8
Aroclor-1016-2	(2)	62798143	66870065	71355832	74463520	60581160	67213744	9
Aroclor-1016-3	(3)	38906215	41190977	43337062	44705104	42803280	42188528	5
Aroclor-1016-4	(4)	32017271	33989945	35396090	37112512	36407480	34984660	6
Aroclor-1016-5	(5)	31333269	33431283	34724498	36878872	36588000	34591184	7
Aroclor-1260-1	(1)	55297007	58192836	62922684	69154760	68099580	62733373	10
Aroclor-1260-2	(2)	67660862	71484929	76227518	82167320	81110380	75730202	8
Aroclor-1260-3	(3)	58632775	61433135	65701952	71094008	71146000	65601574	9
Aroclor-1260-4	(4)	59030440	62369265	66379830	72014688	71257740	66210393	8
Aroclor-1260-5	(5)	114116479	119881285	126090058	134301316	131412820	125160392	7
Decachlorobiphenyl		1023741880	1056425320	1121292880	1210658840	1170227200	1116469224	7
Tetrachloro-m-xylene		1326275610	1382087027	1468306860	1479335360	1300426400	1391286251	6
Aroclor-1242-1	(1)	34530888	35835835	38265986	39688008	36986960	37061535	5
Aroclor-1242-2	(2)	53812431	57030873	58285280	60713132	56990340	57366411	4
Aroclor-1242-3	(3)	33081940	34635303	35614556	36593920	32098720	34404888	5
Aroclor-1242-4	(4)	27124048	28554160	29011970	30535176	28553820	28755835	4
Aroclor-1242-5	(5)	28568682	30265879	31460328	34073560	32548420	31383374	7
Decachlorobiphenyl		1057852260	1096409133	1155210300	1246587680	1198216600	1150855195	7
Tetrachloro-m-xylene		1394590290	1447491667	1467964440	1549944240	1381835600	1448365247	5
Aroclor-1248-1	(1)	26695957	28363937	29113116	30696272	32268960	29427648	7
Aroclor-1248-2	(2)	39758611	41635612	43966204	45812740	44431240	43120881	6
Aroclor-1248-3	(3)	43369699	45590668	48109160	50175608	48642380	47177503	6
Aroclor-1248-4	(4)	48885695	51390620	54733604	57272840	56221120	53700776	7
Aroclor-1248-5	(5)	48278095	50482795	53357482	55918364	52049580	52017263	6
Decachlorobiphenyl		1066892850	1123847293	1166223560	1225696720	1209265600	1158385205	6
Tetrachloro-m-xylene		1361089130	1427544907	1477014820	1525467280	1364872200	1431197667	5
Aroclor-1254-1	(1)	49172649	49533699	53610608	58077532	55866960	53252290	7
Aroclor-1254-2	(2)	74069643	77837235	82015762	86380616	86228260	81306303	7
Aroclor-1254-3	(3)	74567235	77904277	81251544	85540744	83625320	80577824	5
Aroclor-1254-4	(4)	56677692	58857921	61471660	64793644	62695060	60899195	5
Aroclor-1254-5	(5)	58716523	62776568	66462096	67494376	64118280	63913569	5
Decachlorobiphenyl		1066838960	1102446147	1164362860	1216202280	1160296800	1142029409	5
Tetrachloro-m-xylene		1365775780	1425990440	1463637820	1512114920	1328566000	1419216992	5
Aroclor-1268-1	(1)	171965956	177687748	186682010	194675404	192886820	184779588	5

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	154222187	158538831	166288358	172425976	164689060	163232882	4
Aroclor-1268-3	(3)	132497790	136244848	143110640	148784080	145166140	141160700	5
Aroclor-1268-4	(4)	52619884	54911151	57926548	58342576	54828300	55725692	4
Aroclor-1268-5	(5)	378200294	382944067	400675634	416373980	405222020	396683199	4
Decachlorobiphenyl		1745780270	1802805640	1904368380	1971078840	1937468800	1872300386	5
Tetrachloro-m-xylene		1365175360	1389613933	1450454560	1456482120	1340302600	1400405715	4

Raw Data

Alliance TECHNICAL GROUP

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: TETR06

Lab Code: CHEM **Case No.:** Q1122 **SAS No.:** Q1122 **SDG NO.:** Q1122

Instrument ID: ECD_P **Calibration Date(s):** 01/06/2025 01/07/2025

Calibration Times: 19:57 03:16

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

LAB FILE ID: **CF 1000 =** PP068915.D **CF 750 =** PP068916.D

CF 500 = PP068917.D **CF 250 =** PP068918.D **CF 050 =** PP068919.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	29491720	31871205	35002460	37188936	35609200	33832704	9
Aroclor-1016-2	(2)	43905696	46895139	51079918	59834124	49947760	50332527	12
Aroclor-1016-3	(3)	24591042	26218015	28467334	29753780	26453500	27096734	7
Aroclor-1016-4	(4)	21752440	23319543	25647084	27056044	25429040	24640830	9
Aroclor-1016-5	(5)	26864500	28975405	32107876	32642752	30388580	30195823	8
Aroclor-1260-1	(1)	50390605	53012508	58700244	62769480	61600300	57294627	9
Aroclor-1260-2	(2)	58350095	59819339	67189098	72555824	71470420	65876955	10
Aroclor-1260-3	(3)	56856247	58933307	66166408	70041080	69921440	64383696	10
Aroclor-1260-4	(4)	50536167	50055928	57211992	62777372	59480660	56012424	10
Aroclor-1260-5	(5)	113748686	110133253	122878600	134950020	132356860	122813484	9
Decachlorobiphenyl		1055952250	1078345120	1181870400	1328006000	1362385800	1201311914	12
Tetrachloro-m-xylene		921448750	960676413	1002945440	1051065280	944696000	976166377	5
Aroclor-1242-1	(1)	25904769	27693345	29421300	31654716	32061380	29347102	9
Aroclor-1242-2	(2)	38827344	40647475	42253498	45564736	43218900	42102391	6
Aroclor-1242-3	(3)	21506578	22670196	23486094	24288540	24384700	23267222	5
Aroclor-1242-4	(4)	22209738	23492983	24690230	25684072	25766040	24368613	6
Aroclor-1242-5	(5)	26270830	28162075	29282028	30515800	30936940	29033535	7
Decachlorobiphenyl		1065489030	1201310467	1161897160	1288078080	1369157600	1217186467	10
Tetrachloro-m-xylene		958809120	1008718787	1019527140	1074481240	990259000	1010359057	4
Aroclor-1248-1	(1)	20093138	22105341	23598424	24146056	25052820	22999156	8
Aroclor-1248-2	(2)	29632170	32533207	34508544	36839176	37195000	34141619	9
Aroclor-1248-3	(3)	31007140	33988465	35908688	37877684	37882320	35332859	8
Aroclor-1248-4	(4)	36296413	39507735	41759214	44484412	43761000	41161755	8
Aroclor-1248-5	(5)	34689161	38121964	39504132	41178700	39937060	38686203	6
Decachlorobiphenyl		1094465140	1151641293	1242326740	1360729280	1293380600	1228508611	9
Tetrachloro-m-xylene		941029690	986176773	1020381960	1054278600	985643400	997502085	4
Aroclor-1254-1	(1)	54013826	55348175	60179124	66113132	65004480	60131747	9
Aroclor-1254-2	(2)	47307501	48908441	53313688	59053240	58911200	53498814	10
Aroclor-1254-3	(3)	74830722	75469891	83014460	89549424	88739340	82320767	9
Aroclor-1254-4	(4)	41013798	41461259	45272902	49531452	47721160	45000114	8
Aroclor-1254-5	(5)	68187162	69945763	75883524	79998908	79038140	74610699	7
Decachlorobiphenyl		1087096440	1107415987	1209539480	1317992920	1429766000	1230362165	12
Tetrachloro-m-xylene		1009511300	1003719773	1056322440	1076595560	991234800	1027476775	4
Aroclor-1268-1	(1)	148439751	158177365	166475976	163027408	175252540	162274608	6

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	137898942	145673481	153326760	149568992	153368500	147967335	4
Aroclor-1268-3	(3)	122316439	129783148	136690276	135543656	139957980	132858300	5
Aroclor-1268-4	(4)	50957332	53350585	56471448	56057256	49474280	53262180	6
Aroclor-1268-5	(5)	371642320	386230217	400122764	389095000	402465320	389911124	3
Decachlorobiphenyl		1815118270	1907478640	2025499340	2052352080	2187263600	1997542386	7
Tetrachloro-m-xylene		980182400	966201333	1012184220	1043386960	1003939400	1001178863	3

Raw Data

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: TETR06

Lab Code: CHEM **Case No.:** Q1122 **SAS No.:** Q1122 **SDG NO.:** Q1122

Instrument ID: ECD_P **Date(s) Analyzed:** 01/06/2025 01/07/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.87	4.77	4.97	17785200
		2	4.96	4.86	5.06	12871900
		3	5.04	4.94	5.14	38767800
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	5.04	4.94	5.14	29682400
		2	5.57	5.47	5.67	16809200
		3	5.86	5.76	5.96	31337200
		4	6.02	5.92	6.12	15643200
		5	6.11	6.01	6.21	12044900
Aroclor-1262	500	1	8.28	8.18	8.38	79133000
		2	8.62	8.52	8.72	144417000
		3	8.95	8.85	9.05	102560000
		4	9.04	8.94	9.14	83101200
		5	9.72	9.62	9.82	50821400

Raw Data

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: TETR06

Lab Code: CHEM **Case No.:** Q1122 **SAS No.:** Q1122 **SDG NO.:** Q1122

Instrument ID: ECD_P **Date(s) Analyzed:** 01/06/2025 01/07/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.20	4.10	4.30	13491500
		2	4.29	4.19	4.39	10378200
		3	4.36	4.26	4.46	31049200
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.36	4.26	4.46	24630800
		2	5.10	5.00	5.20	23918600
		3	5.28	5.18	5.38	12560200
		4	5.37	5.27	5.47	11992000
		5	5.54	5.44	5.64	12836200
Aroclor-1262	500	1	7.14	7.04	7.24	79852400
		2	7.40	7.30	7.50	69928200
		3	7.93	7.83	8.03	57593000
		4	7.99	7.89	8.09	100831000
		5	8.51	8.41	8.61	48819800

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068915.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 19:57
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 02:40:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 02:39:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.672	3.983	132.6E6	92144875	90.327	91.874
2)	SA Decachlor...	10.523	9.112	102.4E6	105.6E6	91.300	89.346
	Target Compounds						
3)	L1 AR-1016-1	5.833	5.085	40885041	29491720	923.127	842.561
4)	L1 AR-1016-2	5.854	5.105	62798143	43905696	880.070	859.549
5)	L1 AR-1016-3	5.918	5.285	38906215	24591042	897.758	863.834
6)	L1 AR-1016-4	6.015	5.324	32017271	21752440	904.543	848.145
7)	L1 AR-1016-5	6.310	5.542	31333269	26864500	902.339	836.695
31)	L7 AR-1260-1	7.433	6.584	55297007	50390605	878.809	858.439
32)	L7 AR-1260-2	7.687	6.772	67660862	58350095	887.617	868.446
33)	L7 AR-1260-3	8.047	6.929	58632775	56856247	892.405	859.292
34)	L7 AR-1260-4	8.280	7.402	59030440	50536167	889.283	883.314
35)	L7 AR-1260-5	8.612	7.641	114.1E6	113.7E6	905.039	925.700

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

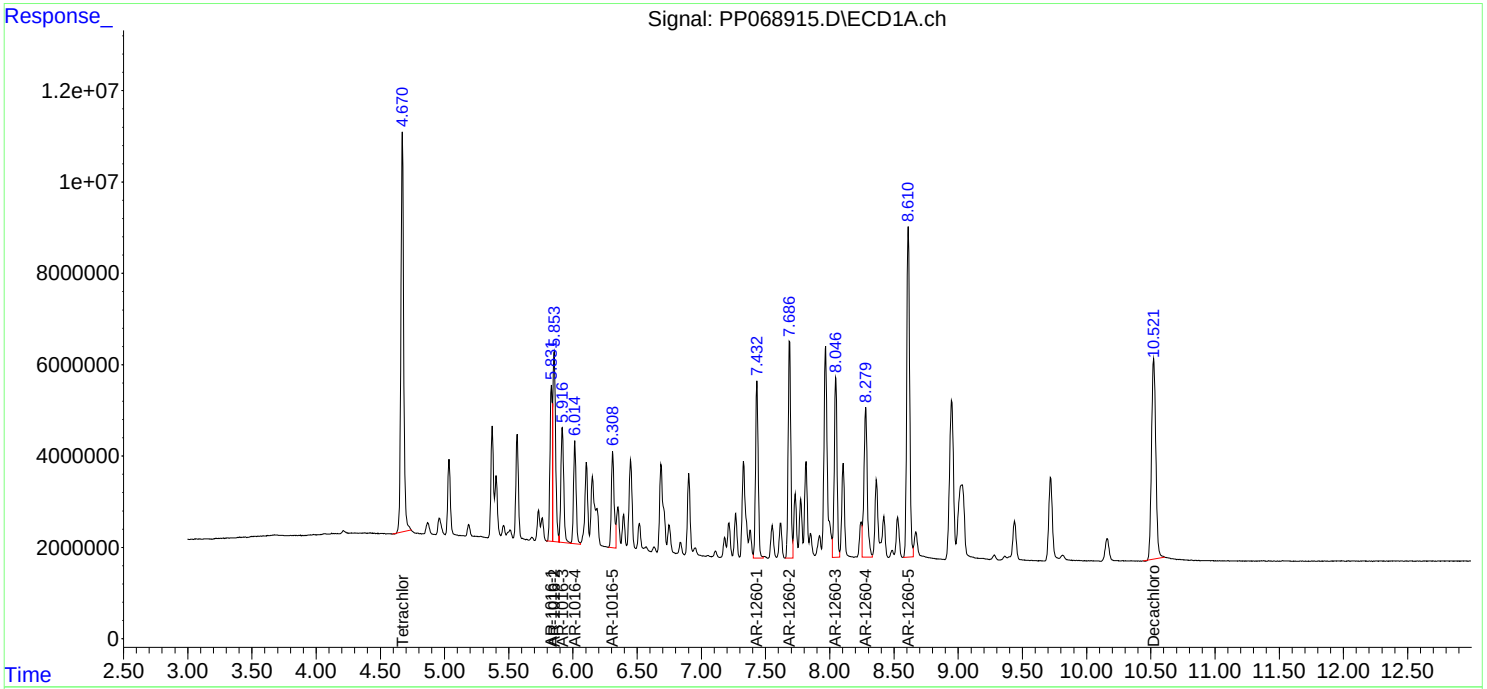
ICAL Form

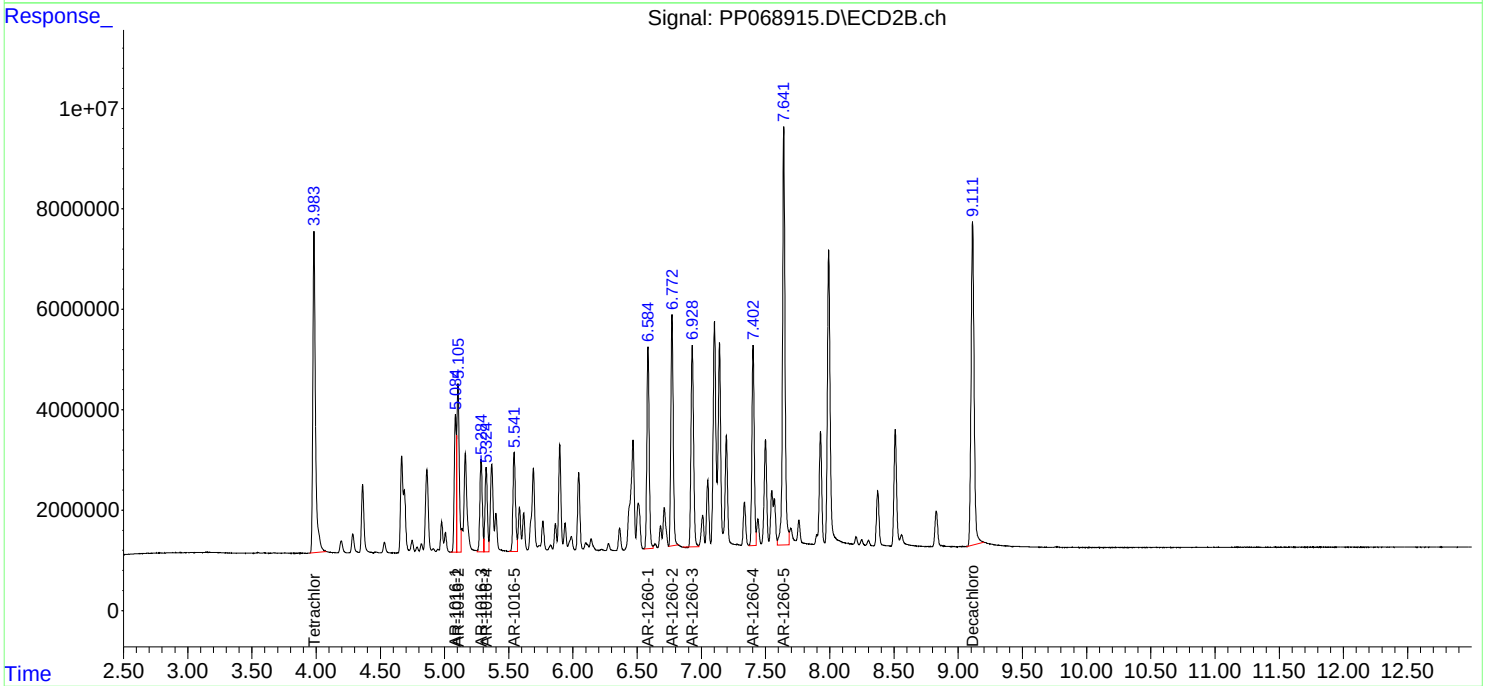
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068915.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 19:57
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

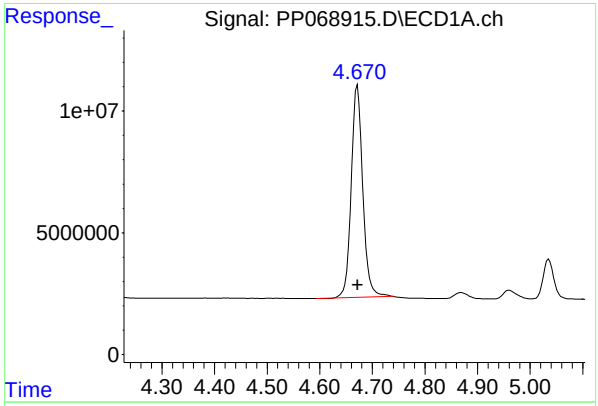
Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 02:40:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 02:39:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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



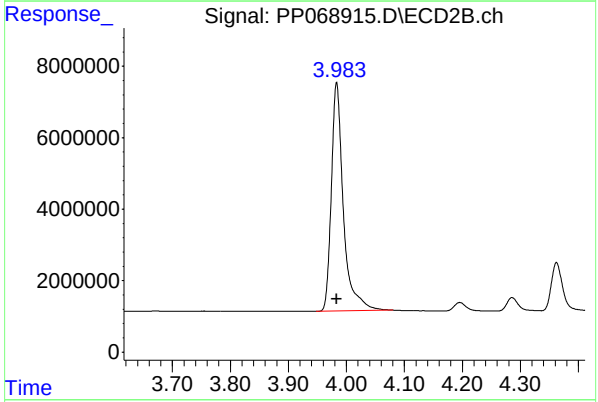




#1 Tetrachloro-m-xylene

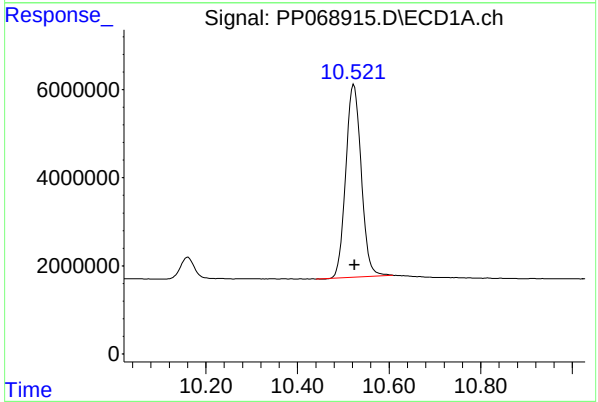
R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 132627561
Conc: 90.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



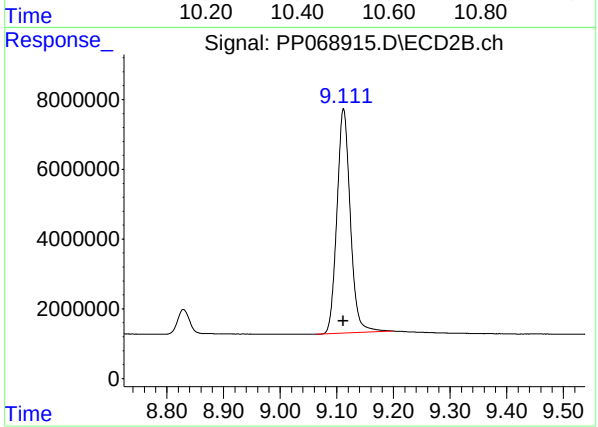
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 92144875
Conc: 91.87 ng/ml



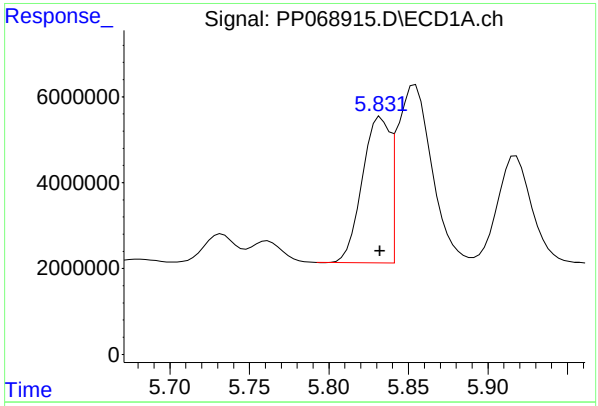
#2 Decachlorobiphenyl

R.T.: 10.523 min
Delta R.T.: -0.001 min
Response: 102374188
Conc: 91.30 ng/ml



#2 Decachlorobiphenyl

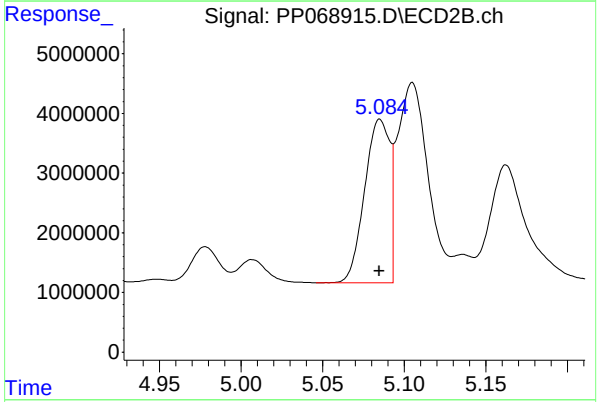
R.T.: 9.112 min
Delta R.T.: 0.000 min
Response: 105595225
Conc: 89.35 ng/ml



#3 AR-1016-1

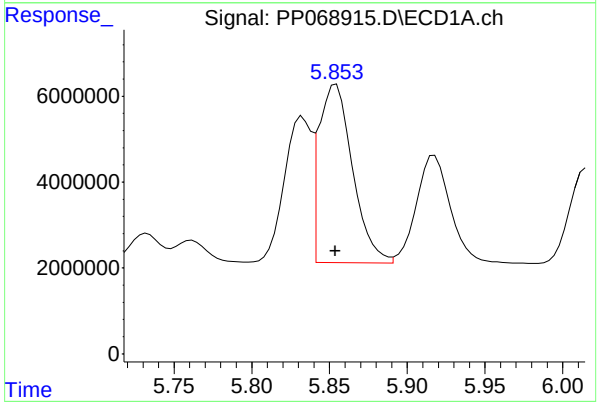
R.T.: 5.833 min
Delta R.T.: 0.000 min
Response: 40885041
Conc: 923.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



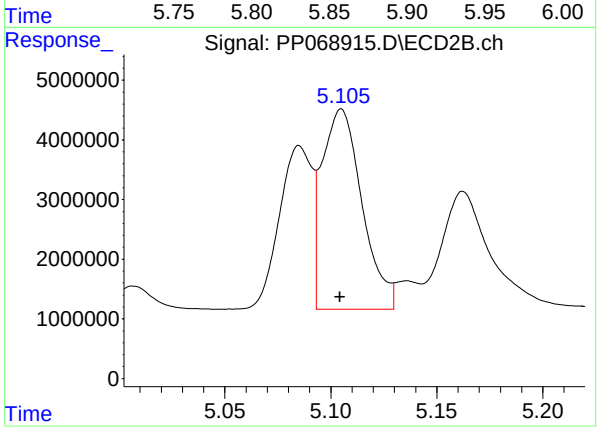
#3 AR-1016-1

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 29491720
Conc: 842.56 ng/ml



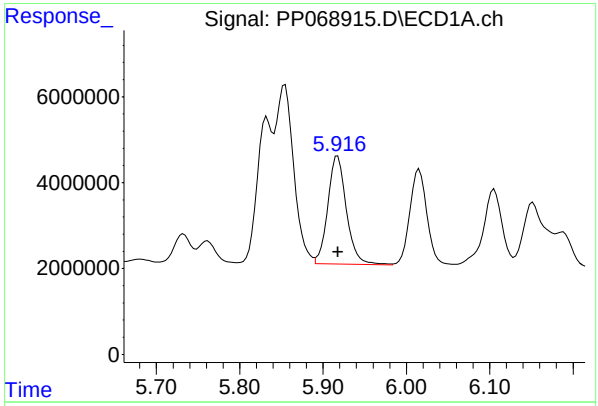
#4 AR-1016-2

R.T.: 5.854 min
Delta R.T.: 0.000 min
Response: 62798143
Conc: 880.07 ng/ml



#4 AR-1016-2

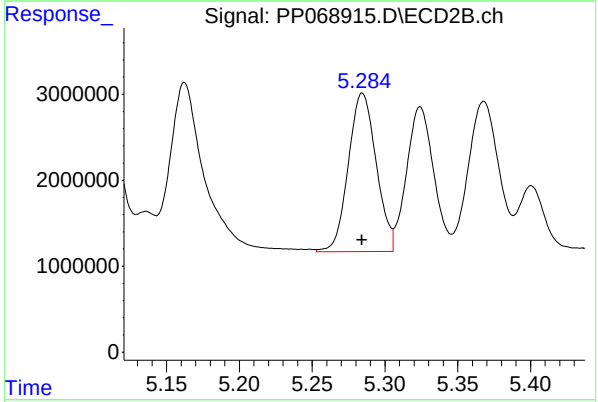
R.T.: 5.105 min
Delta R.T.: 0.000 min
Response: 43905696
Conc: 859.55 ng/ml



#5 AR-1016-3

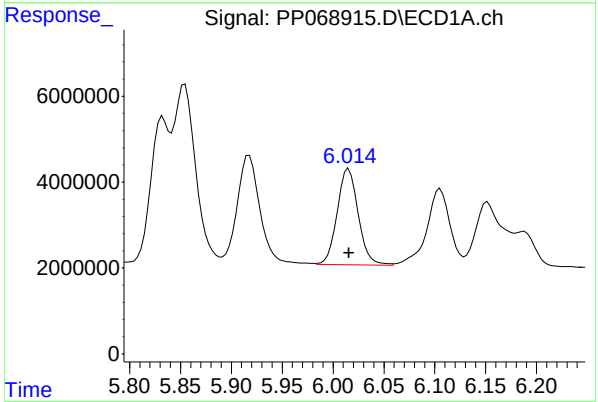
R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 38906215
Conc: 897.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



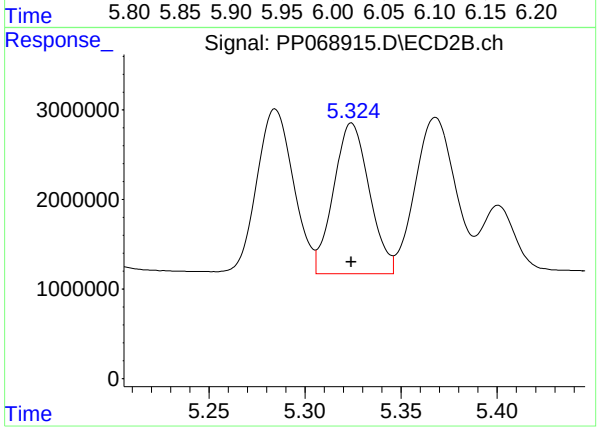
#5 AR-1016-3

R.T.: 5.285 min
Delta R.T.: 0.000 min
Response: 24591042
Conc: 863.83 ng/ml



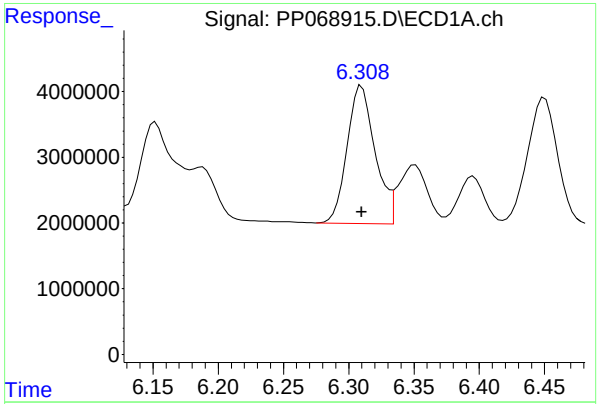
#6 AR-1016-4

R.T.: 6.015 min
Delta R.T.: 0.000 min
Response: 32017271
Conc: 904.54 ng/ml



#6 AR-1016-4

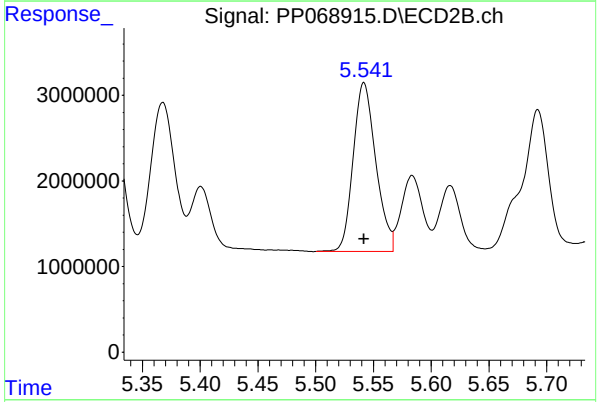
R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 21752440
Conc: 848.14 ng/ml



#7 AR-1016-5

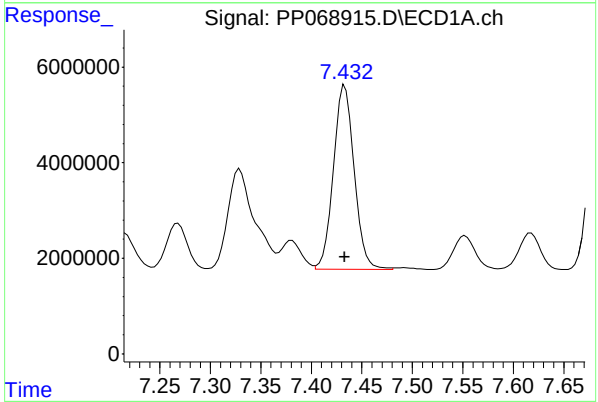
R.T.: 6.310 min
Delta R.T.: 0.000 min
Response: 31333269
Conc: 902.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



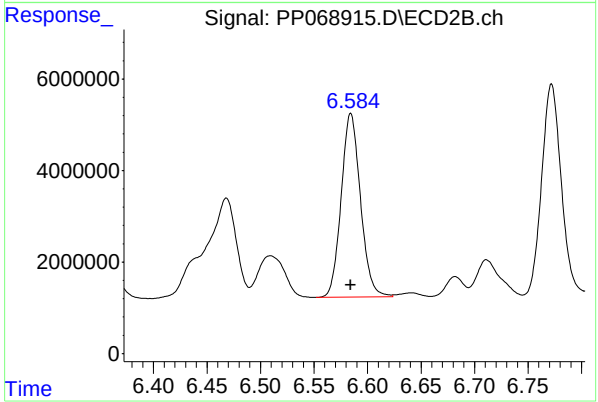
#7 AR-1016-5

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 26864500
Conc: 836.70 ng/ml



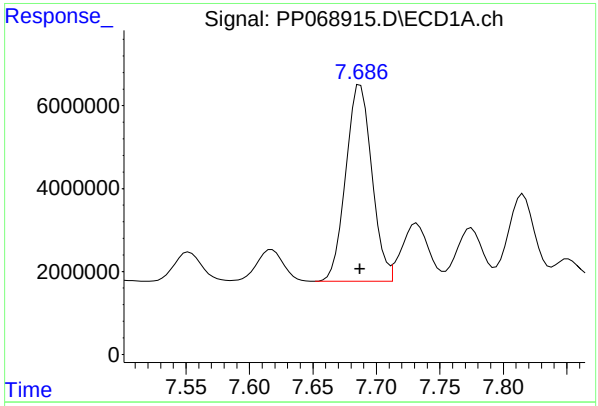
#31 AR-1260-1

R.T.: 7.433 min
Delta R.T.: 0.000 min
Response: 55297007
Conc: 878.81 ng/ml



#31 AR-1260-1

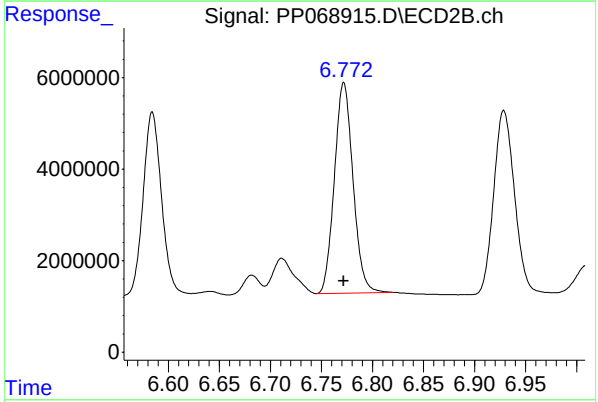
R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 50390605
Conc: 858.44 ng/ml



#32 AR-1260-2

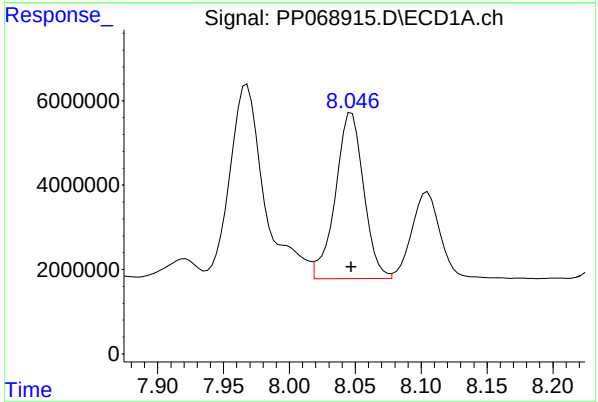
R.T.: 7.687 min
Delta R.T.: 0.000 min
Response: 67660862
Conc: 887.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



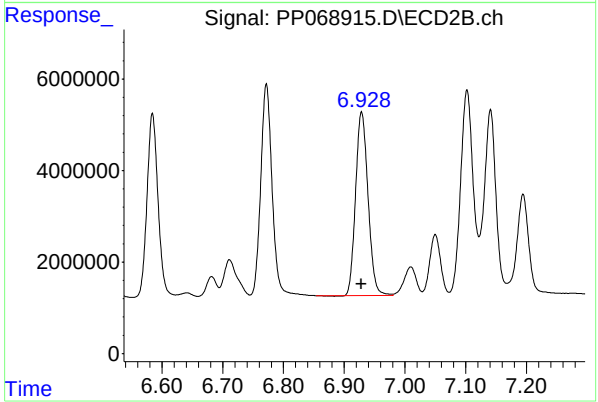
#32 AR-1260-2

R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 58350095
Conc: 868.45 ng/ml



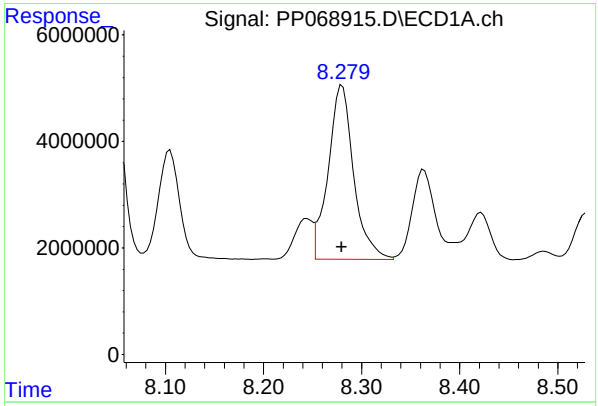
#33 AR-1260-3

R.T.: 8.047 min
Delta R.T.: 0.000 min
Response: 58632775
Conc: 892.41 ng/ml



#33 AR-1260-3

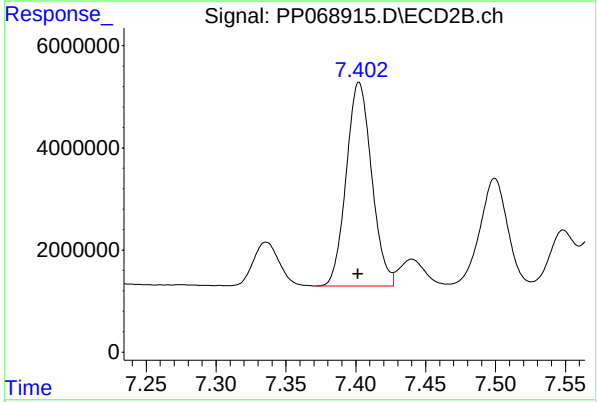
R.T.: 6.929 min
Delta R.T.: 0.000 min
Response: 56856247
Conc: 859.29 ng/ml



#34 AR-1260-4

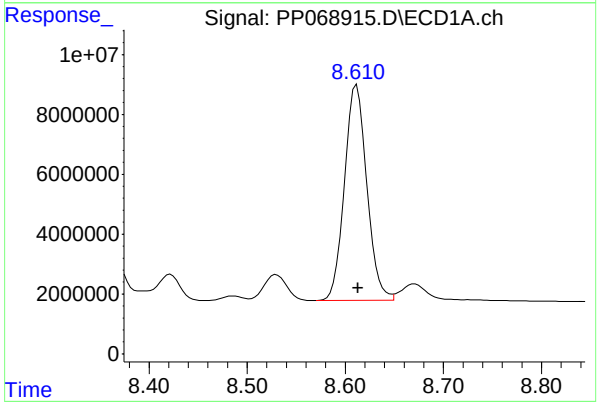
R.T.: 8.280 min
Delta R.T.: 0.000 min
Response: 59030440
Conc: 889.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



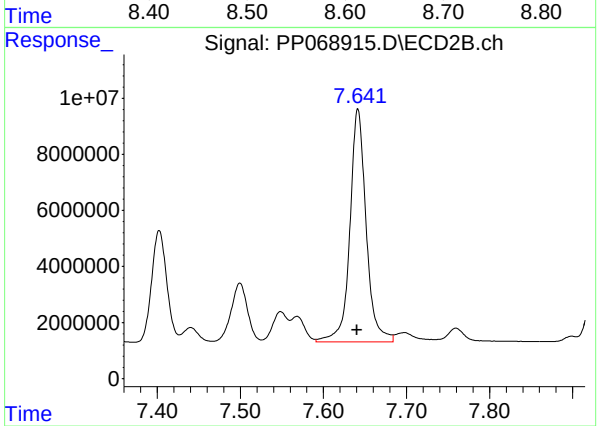
#34 AR-1260-4

R.T.: 7.402 min
Delta R.T.: 0.000 min
Response: 50536167
Conc: 883.31 ng/ml



#35 AR-1260-5

R.T.: 8.612 min
Delta R.T.: -0.001 min
Response: 114116479
Conc: 905.04 ng/ml



#35 AR-1260-5

R.T.: 7.641 min
Delta R.T.: 0.000 min
Response: 113748686
Conc: 925.70 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068916.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 20:13
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 02:41:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 02:39:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.672	3.983	103.7E6	72050731	70.596	71.839
2)	SA Decachlor...	10.525	9.112	79231899	80875884	70.661	68.430
	Target Compounds						
3)	L1 AR-1016-1	5.834	5.085	31884667	23903404	719.911	682.906
4)	L1 AR-1016-2	5.855	5.104	50152549	35171354	702.851	688.555
5)	L1 AR-1016-3	5.919	5.283	30893233	19663511	712.859	690.739
6)	L1 AR-1016-4	6.016	5.324	25492459	17489657	720.205	681.935
7)	L1 AR-1016-5	6.311	5.541	25073462	21731554	722.068	676.829
31)	L7 AR-1260-1	7.434	6.584	43644627	39759381	693.623	677.329
32)	L7 AR-1260-2	7.688	6.771	53613697	44864504	703.338	667.735
33)	L7 AR-1260-3	8.048	6.928	46074851	44199980	701.271	668.012
34)	L7 AR-1260-4	8.281	7.402	46776949	37541946	704.686	656.190
35)	L7 AR-1260-5	8.612	7.642	89910964	82599940	713.069	672.208

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

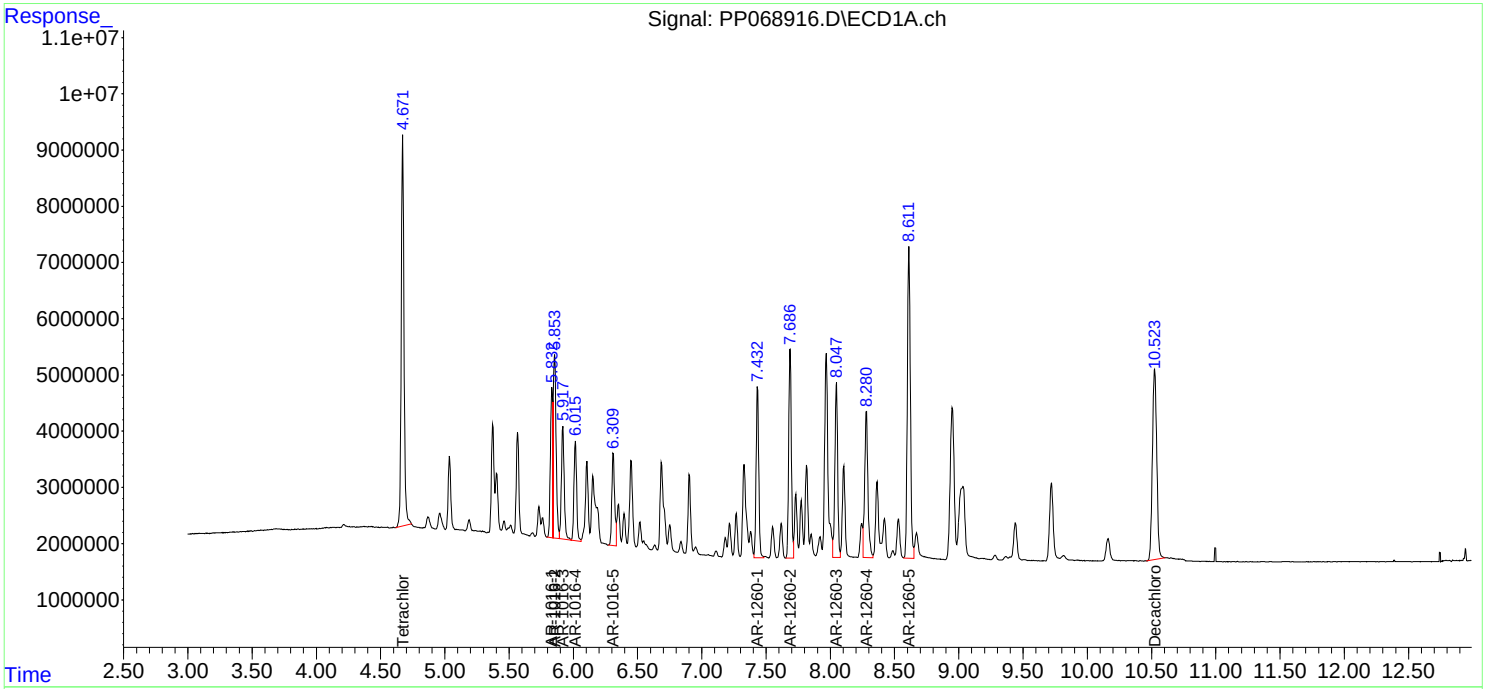
ICAL Form

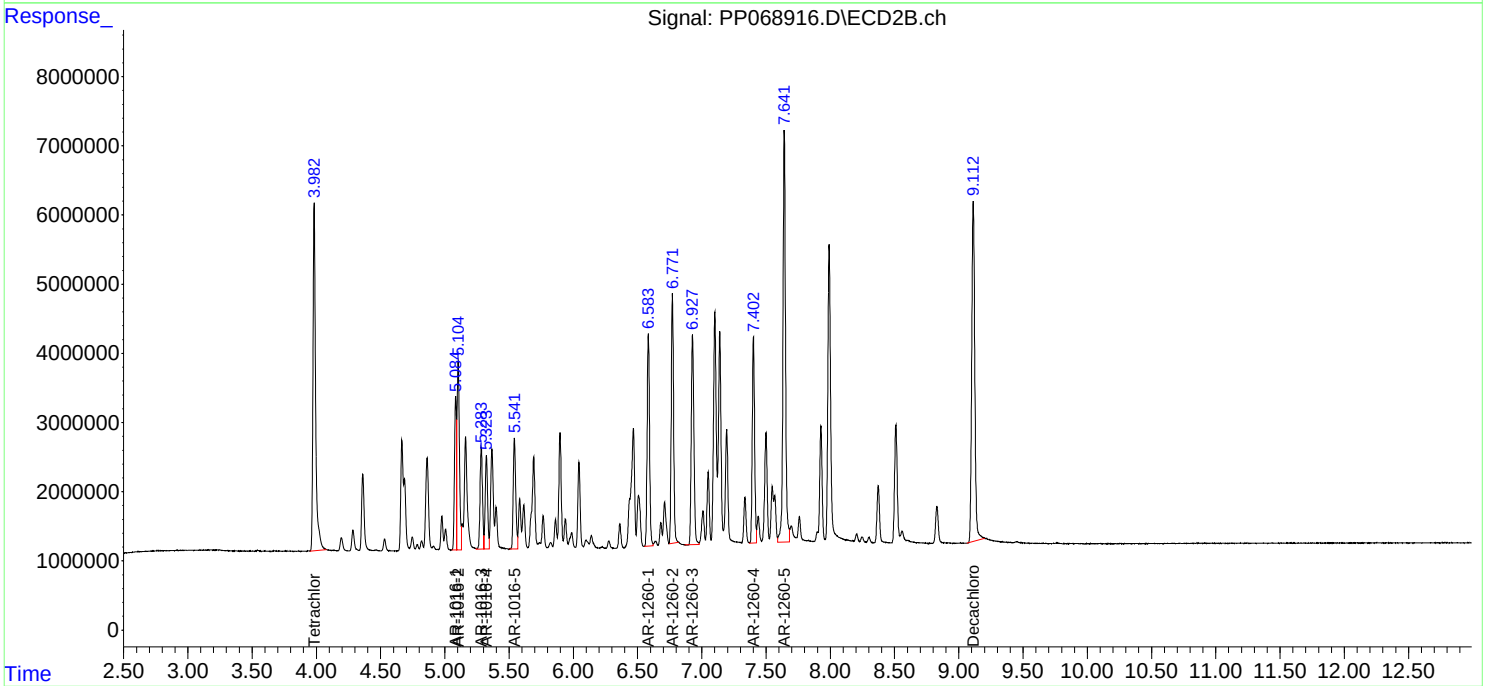
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068916.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 20:13
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

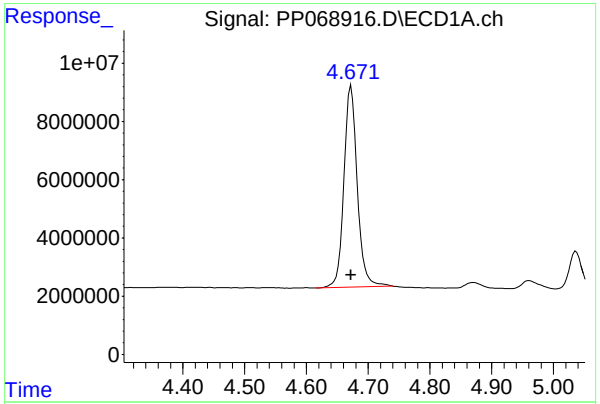
Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 02:41:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 02:39:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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



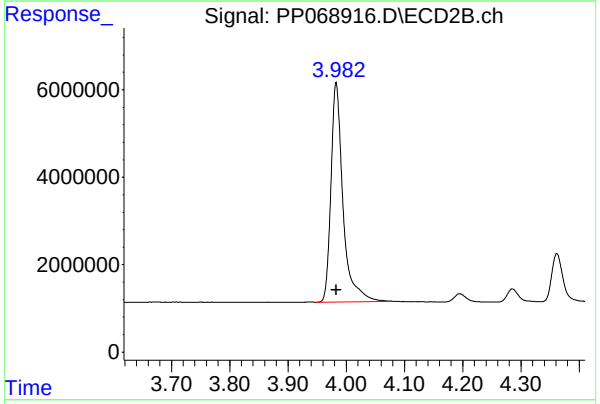




#1 Tetrachloro-m-xylene

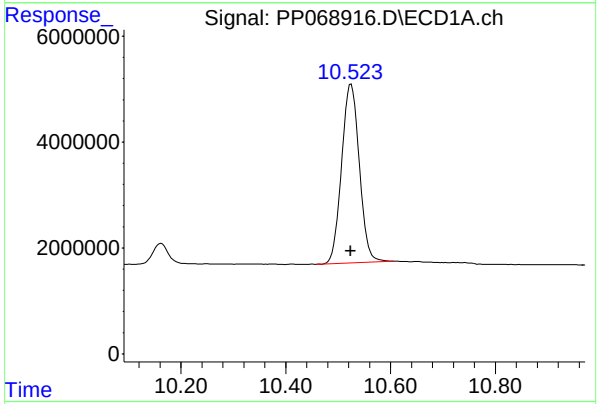
R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 103656527
Conc: 70.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



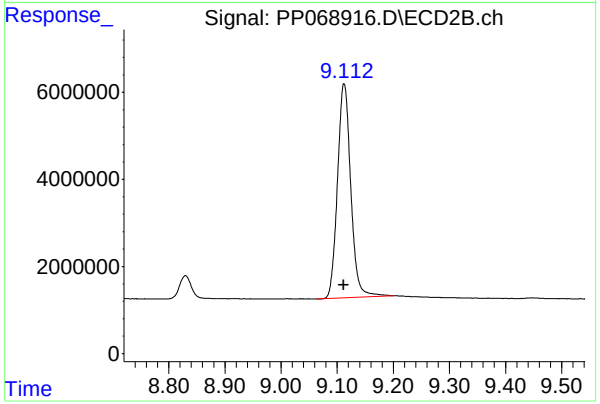
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 72050731
Conc: 71.84 ng/ml



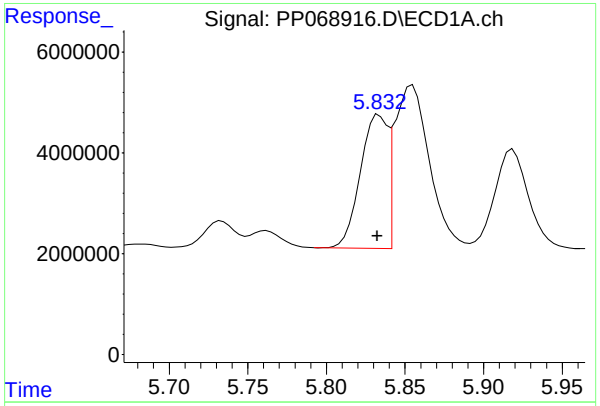
#2 Decachlorobiphenyl

R.T.: 10.525 min
Delta R.T.: 0.000 min
Response: 79231899
Conc: 70.66 ng/ml



#2 Decachlorobiphenyl

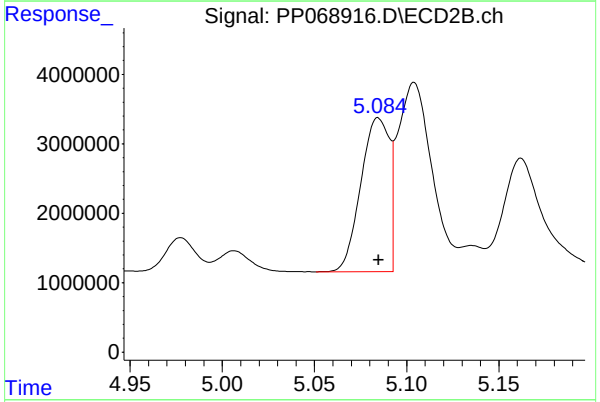
R.T.: 9.112 min
Delta R.T.: 0.000 min
Response: 80875884
Conc: 68.43 ng/ml



#3 AR-1016-1

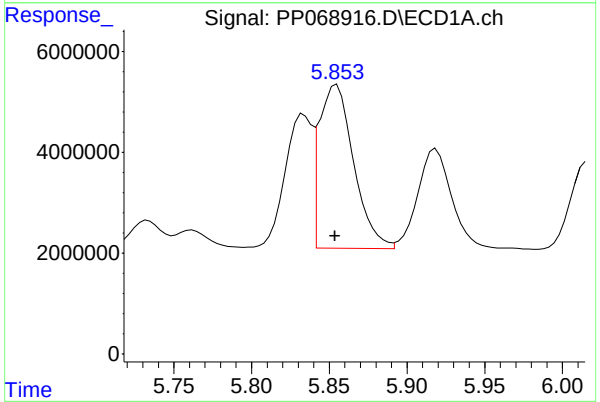
R.T.: 5.834 min
Delta R.T.: 0.001 min
Response: 31884667
Conc: 719.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



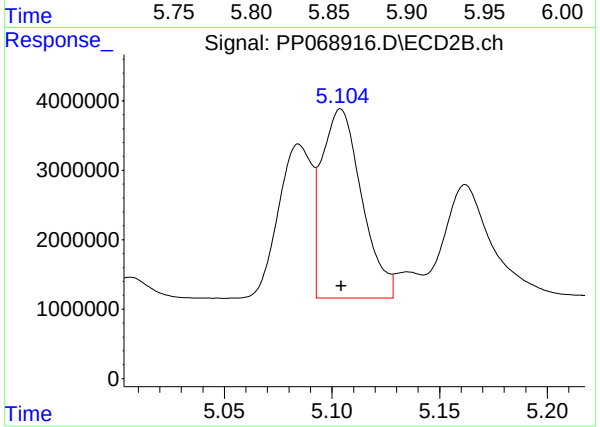
#3 AR-1016-1

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 23903404
Conc: 682.91 ng/ml



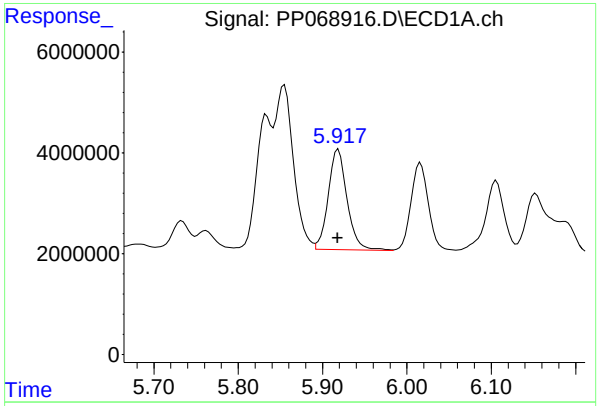
#4 AR-1016-2

R.T.: 5.855 min
Delta R.T.: 0.001 min
Response: 50152549
Conc: 702.85 ng/ml



#4 AR-1016-2

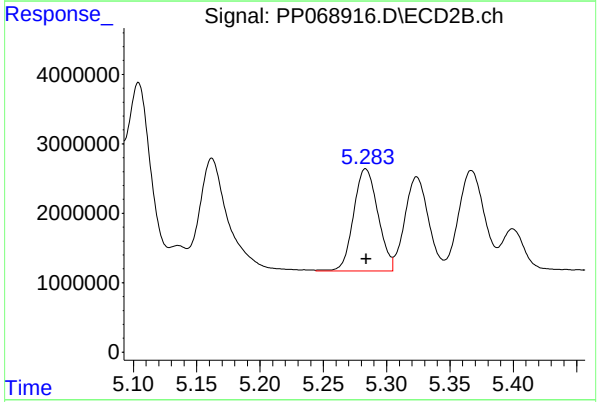
R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 35171354
Conc: 688.56 ng/ml



#5 AR-1016-3

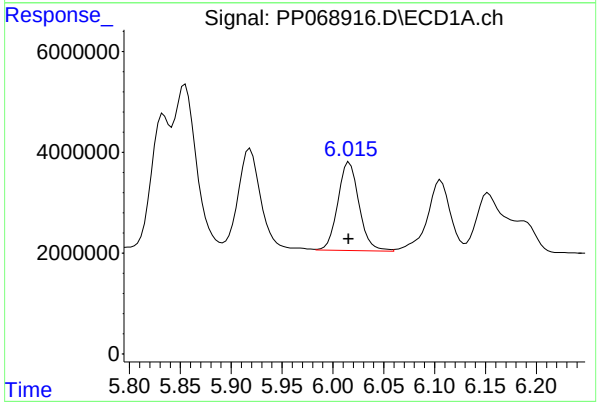
R.T.: 5.919 min
Delta R.T.: 0.000 min
Response: 30893233
Conc: 712.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



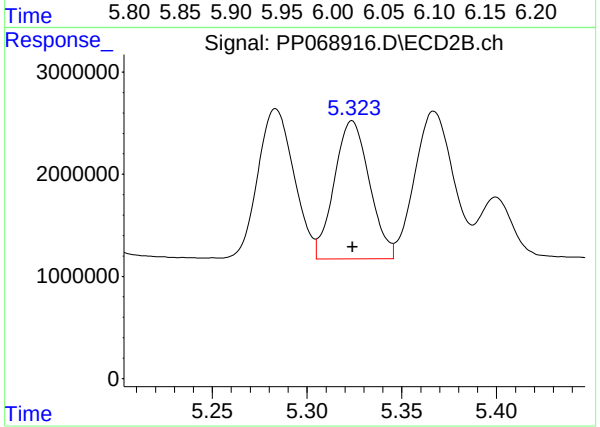
#5 AR-1016-3

R.T.: 5.283 min
Delta R.T.: 0.000 min
Response: 19663511
Conc: 690.74 ng/ml



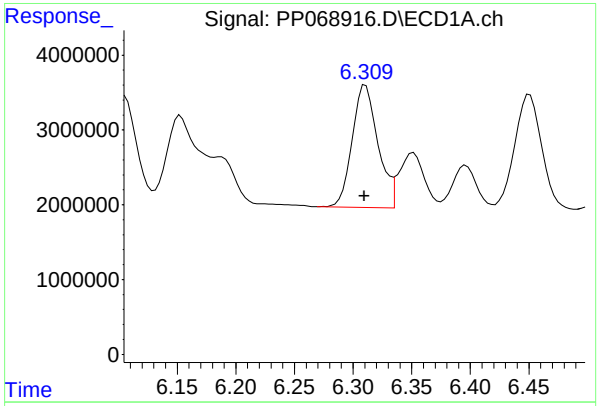
#6 AR-1016-4

R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 25492459
Conc: 720.21 ng/ml



#6 AR-1016-4

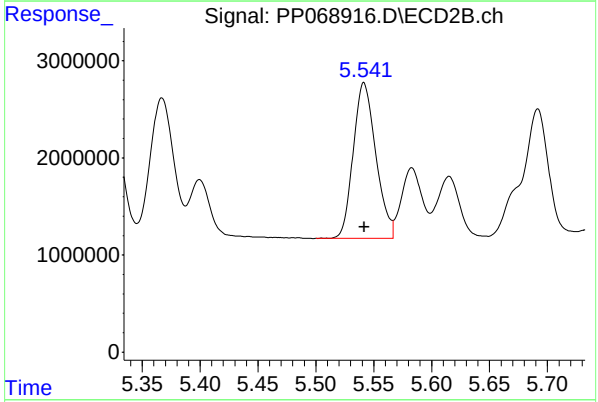
R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 17489657
Conc: 681.94 ng/ml



#7 AR-1016-5

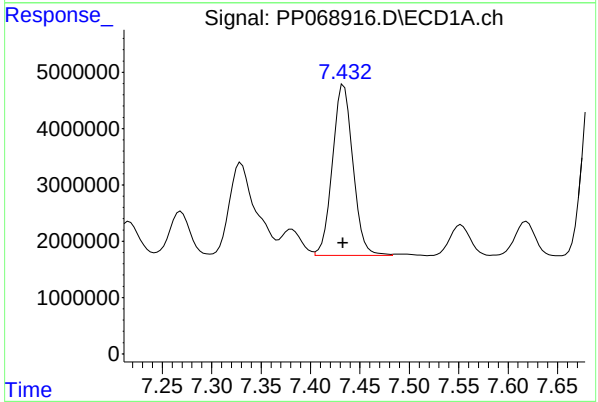
R.T.: 6.311 min
Delta R.T.: 0.000 min
Response: 25073462
Conc: 722.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



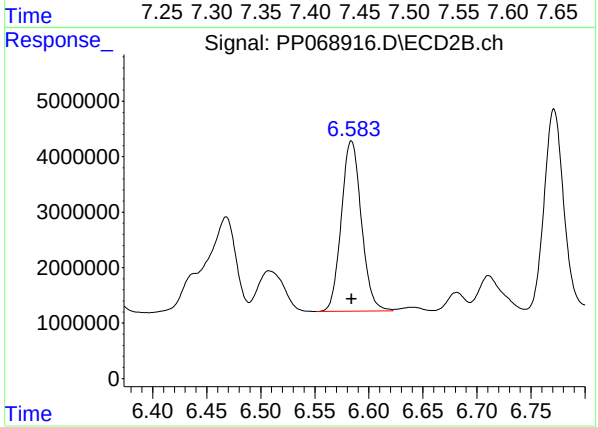
#7 AR-1016-5

R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 21731554
Conc: 676.83 ng/ml



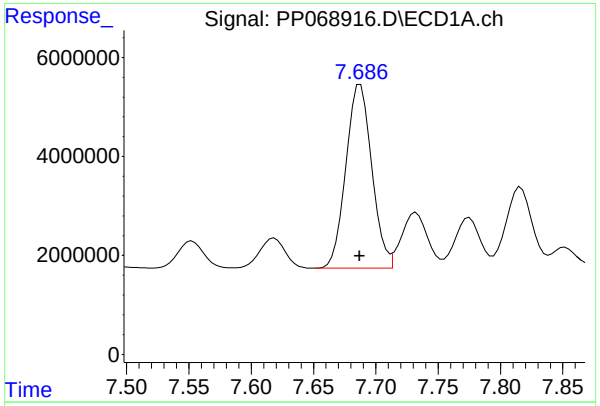
#31 AR-1260-1

R.T.: 7.434 min
Delta R.T.: 0.000 min
Response: 43644627
Conc: 693.62 ng/ml



#31 AR-1260-1

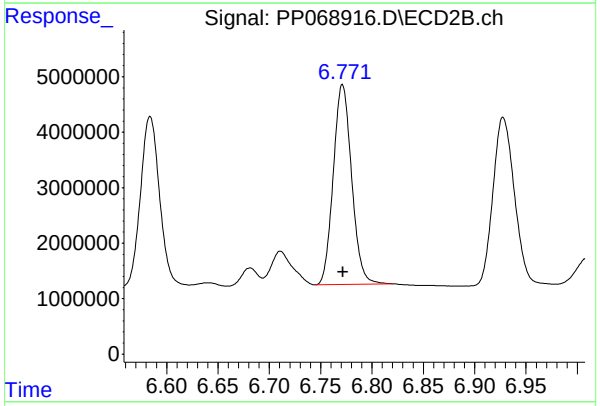
R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 39759381
Conc: 677.33 ng/ml



#32 AR-1260-2

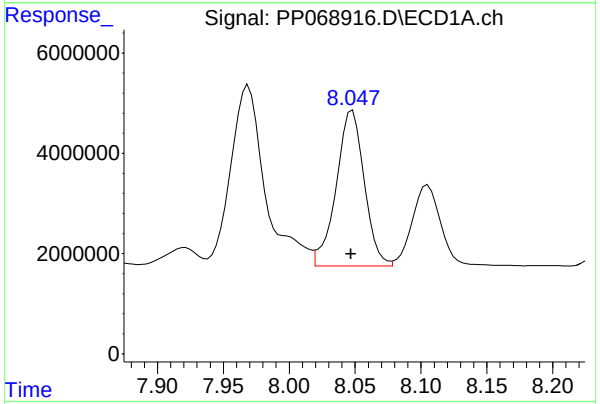
R.T.: 7.688 min
Delta R.T.: 0.000 min
Response: 53613697
Conc: 703.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



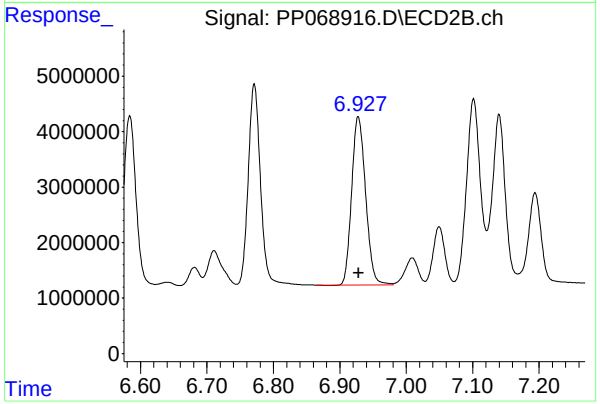
#32 AR-1260-2

R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 44864504
Conc: 667.73 ng/ml



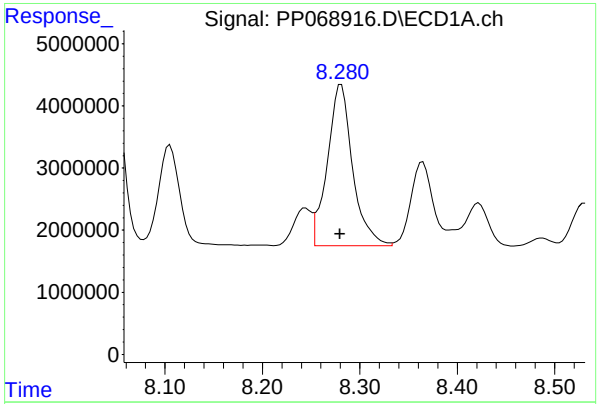
#33 AR-1260-3

R.T.: 8.048 min
Delta R.T.: 0.001 min
Response: 46074851
Conc: 701.27 ng/ml



#33 AR-1260-3

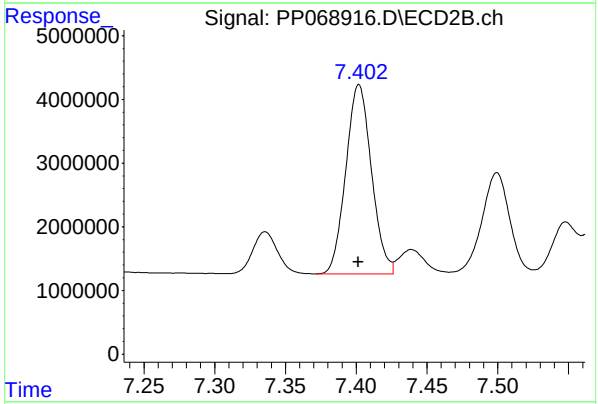
R.T.: 6.928 min
Delta R.T.: 0.000 min
Response: 44199980
Conc: 668.01 ng/ml



#34 AR-1260-4

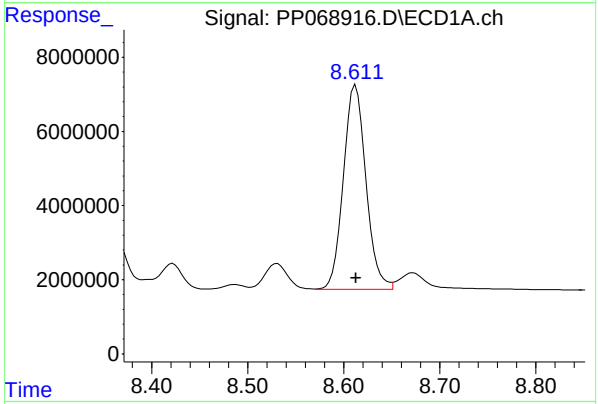
R.T.: 8.281 min
Delta R.T.: 0.001 min
Response: 46776949
Conc: 704.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



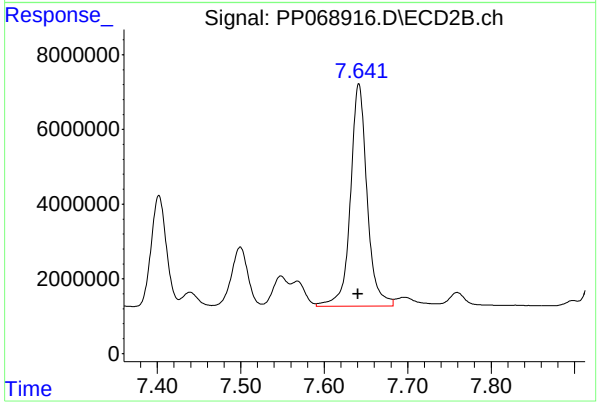
#34 AR-1260-4

R.T.: 7.402 min
Delta R.T.: 0.000 min
Response: 37541946
Conc: 656.19 ng/ml



#35 AR-1260-5

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 89910964
Conc: 713.07 ng/ml



#35 AR-1260-5

R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 82599940
Conc: 672.21 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068917.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 20:30
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 02:41:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 02:39:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.672	3.983	73415343	50147272	50.000	50.000
2)	SA Decachlor...	10.524	9.111	56064644	59093520	50.000	50.000
	Target Compounds						
3)	L1 AR-1016-1	5.832	5.085	22144858	17501230	500.000	500.000
4)	L1 AR-1016-2	5.854	5.104	35677916	25539959	500.000	500.000
5)	L1 AR-1016-3	5.918	5.284	21668531	14233667	500.000	500.000
6)	L1 AR-1016-4	6.016	5.324	17698045	12823542	500.000	500.000
7)	L1 AR-1016-5	6.310	5.542	17362249	16053938	500.000	500.000
31)	L7 AR-1260-1	7.433	6.584	31461342	29350122	500.000	500.000
32)	L7 AR-1260-2	7.687	6.772	38113759	33594549	500.000	500.000
33)	L7 AR-1260-3	8.047	6.928	32850976	33083204	500.000	500.000
34)	L7 AR-1260-4	8.280	7.402	33189915	28605996	500.000	500.000
35)	L7 AR-1260-5	8.613	7.641	63045029	61439300	500.000	500.000

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

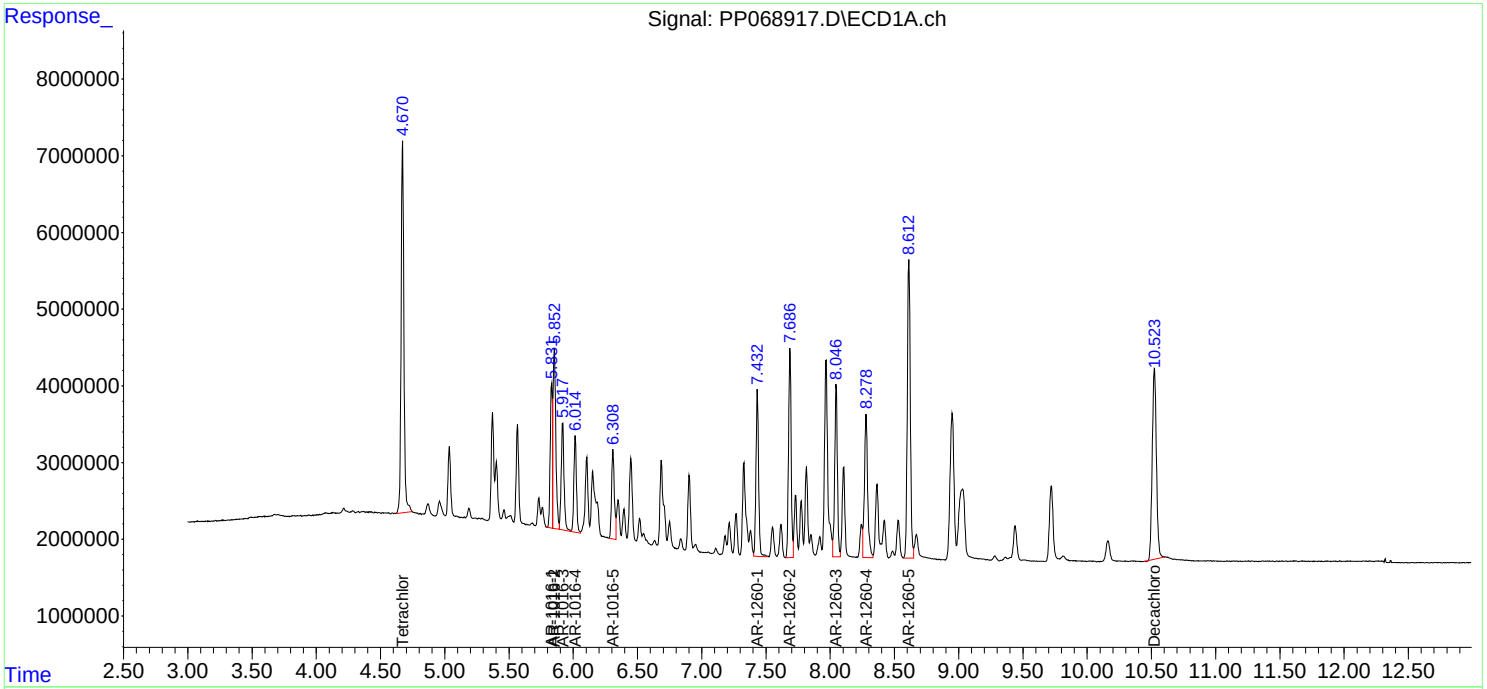
ICAL Form

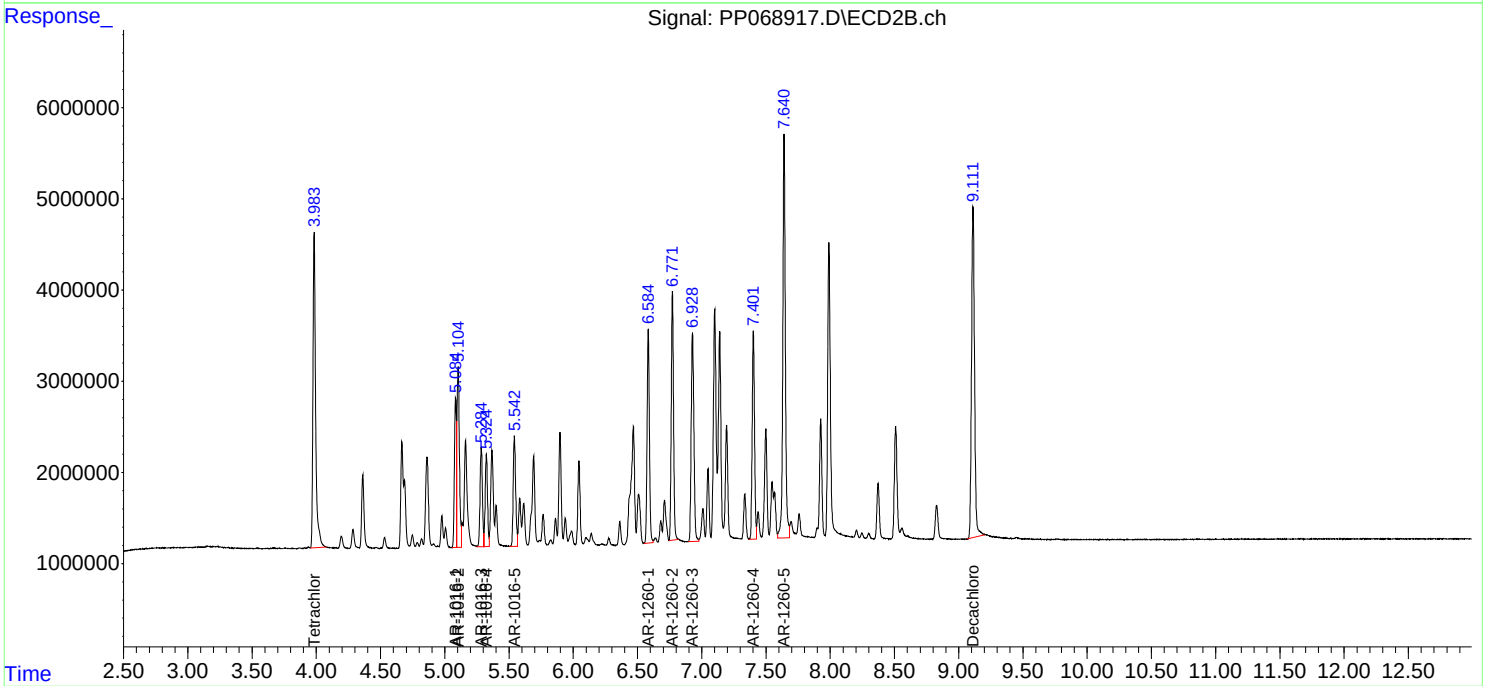
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068917.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 20:30
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

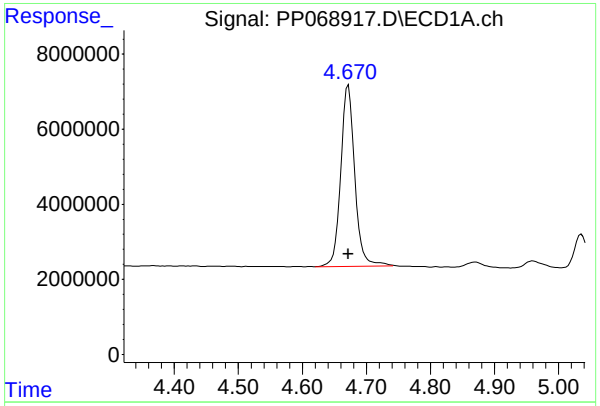
Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 02:41:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 02:39:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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



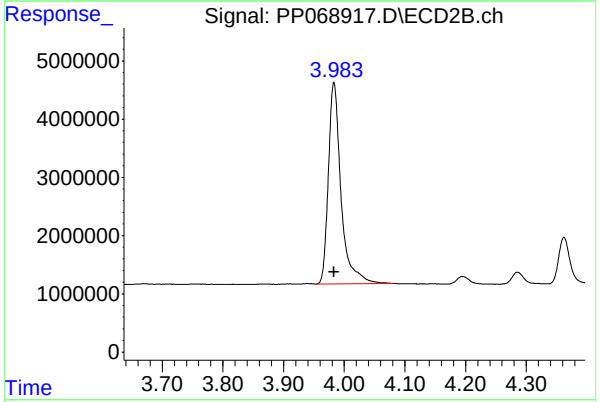




#1 Tetrachloro-m-xylene

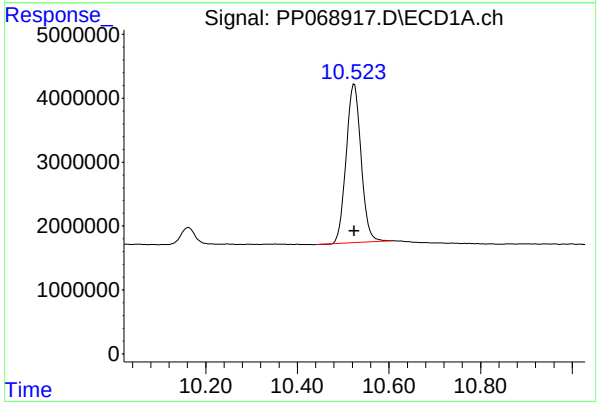
R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 73415343
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



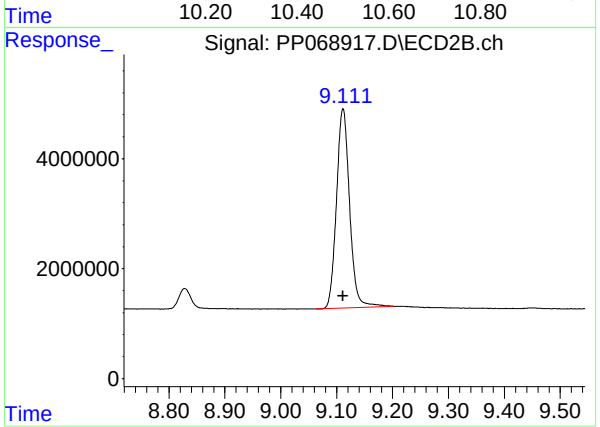
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 50147272
Conc: 50.00 ng/ml



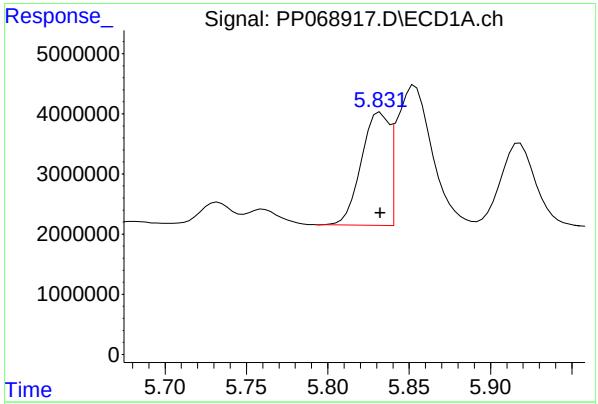
#2 Decachlorobiphenyl

R.T.: 10.524 min
Delta R.T.: 0.000 min
Response: 56064644
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

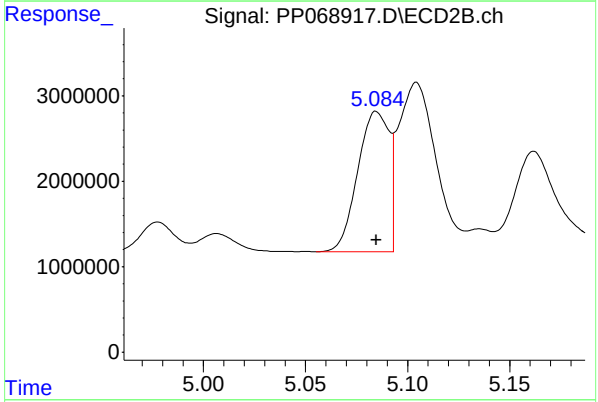
R.T.: 9.111 min
Delta R.T.: 0.000 min
Response: 59093520
Conc: 50.00 ng/ml



#3 AR-1016-1

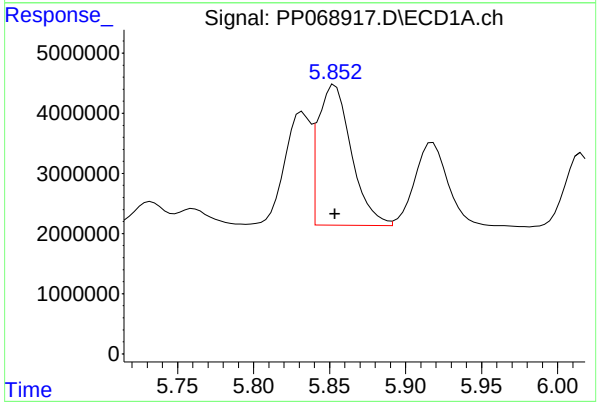
R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 22144858
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



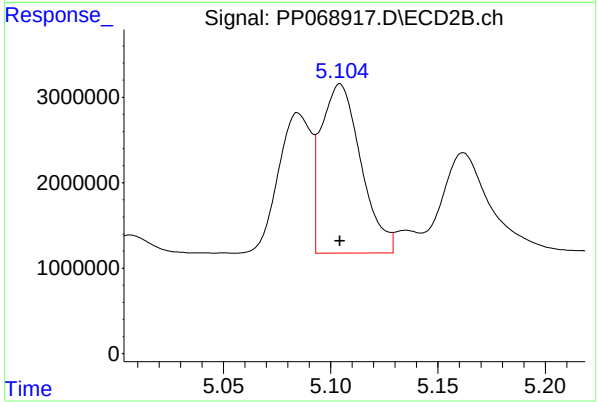
#3 AR-1016-1

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 17501230
Conc: 500.00 ng/ml



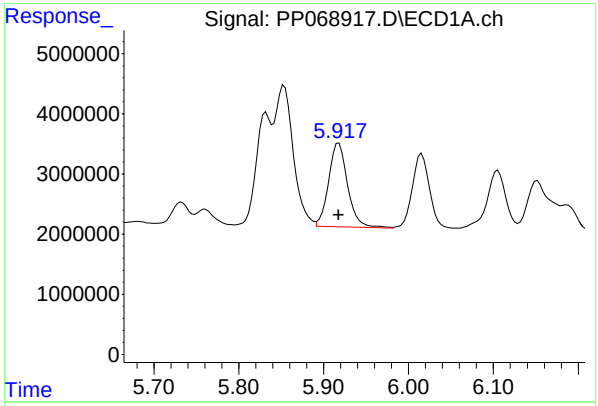
#4 AR-1016-2

R.T.: 5.854 min
Delta R.T.: 0.000 min
Response: 35677916
Conc: 500.00 ng/ml



#4 AR-1016-2

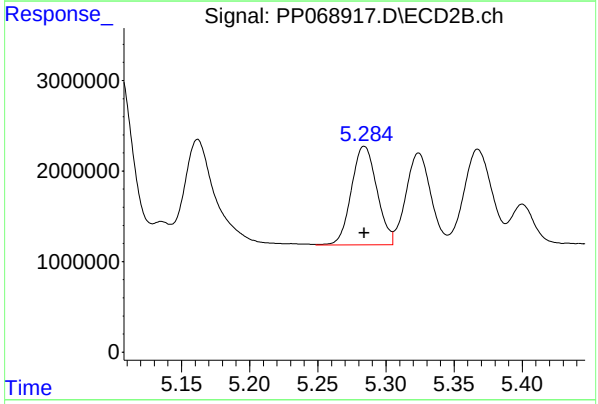
R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 25539959
Conc: 500.00 ng/ml



#5 AR-1016-3

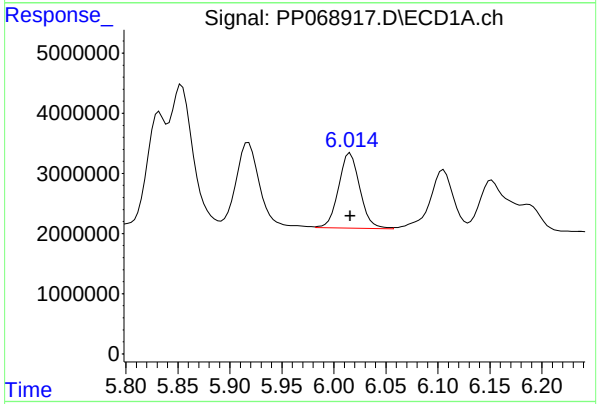
R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 21668531
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



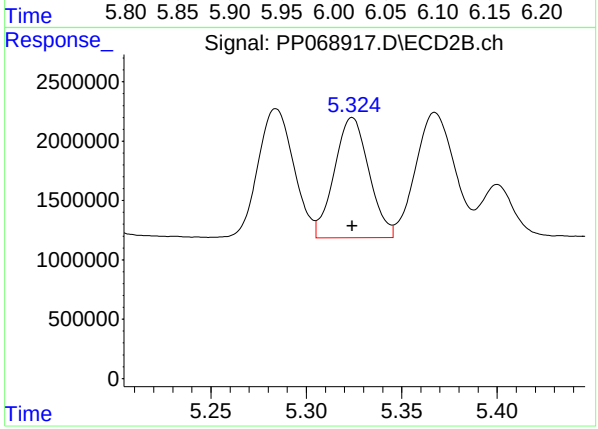
#5 AR-1016-3

R.T.: 5.284 min
Delta R.T.: 0.000 min
Response: 14233667
Conc: 500.00 ng/ml



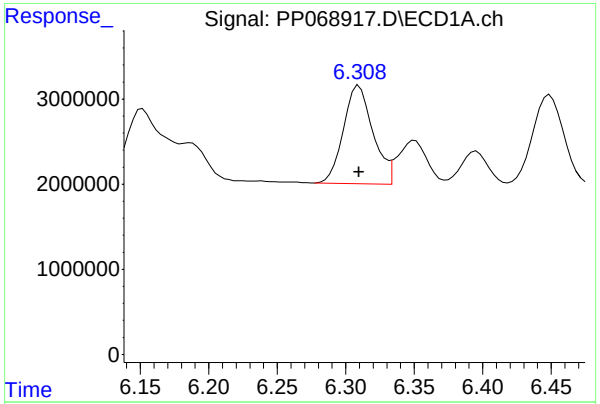
#6 AR-1016-4

R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 17698045
Conc: 500.00 ng/ml



#6 AR-1016-4

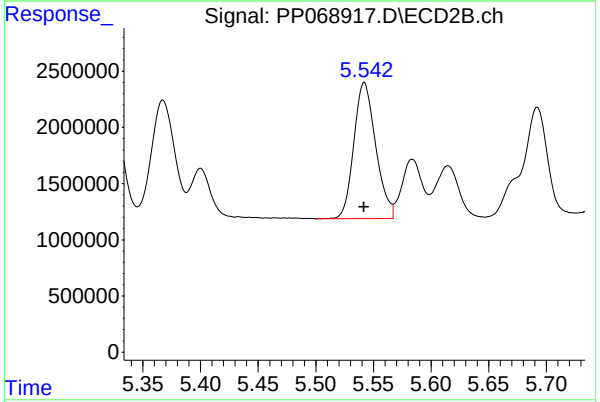
R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 12823542
Conc: 500.00 ng/ml



#7 AR-1016-5

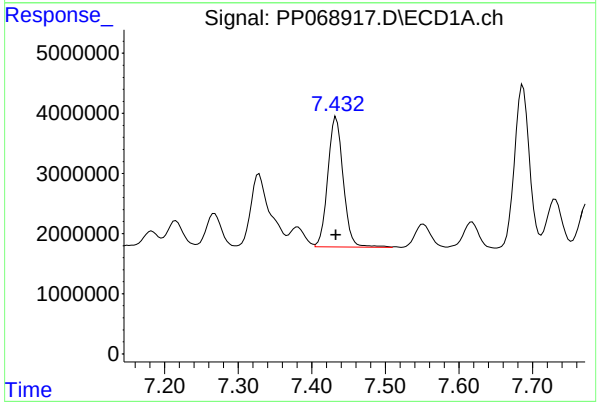
R.T.: 6.310 min
Delta R.T.: 0.000 min
Response: 17362249
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



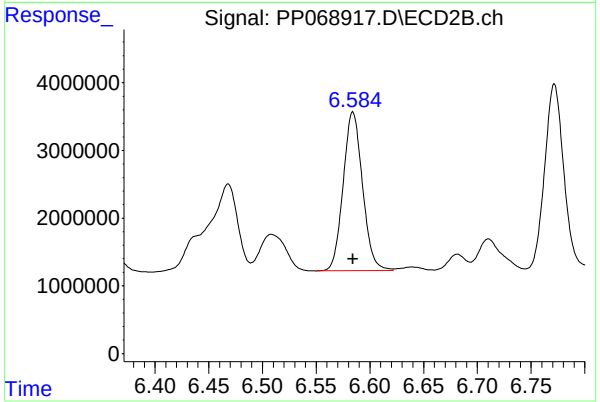
#7 AR-1016-5

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 16053938
Conc: 500.00 ng/ml



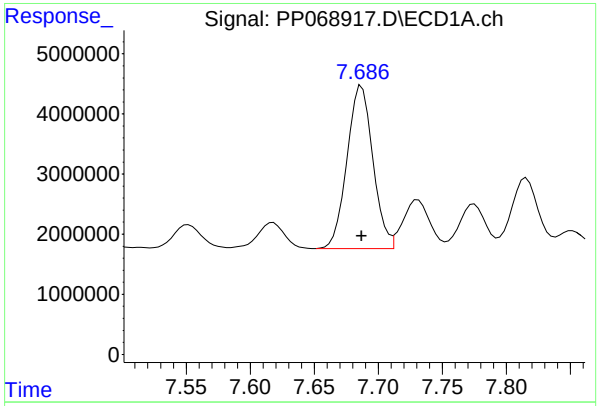
#31 AR-1260-1

R.T.: 7.433 min
Delta R.T.: 0.000 min
Response: 31461342
Conc: 500.00 ng/ml



#31 AR-1260-1

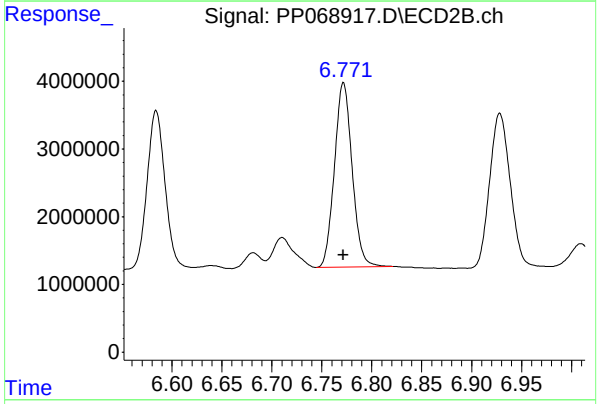
R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 29350122
Conc: 500.00 ng/ml



#32 AR-1260-2

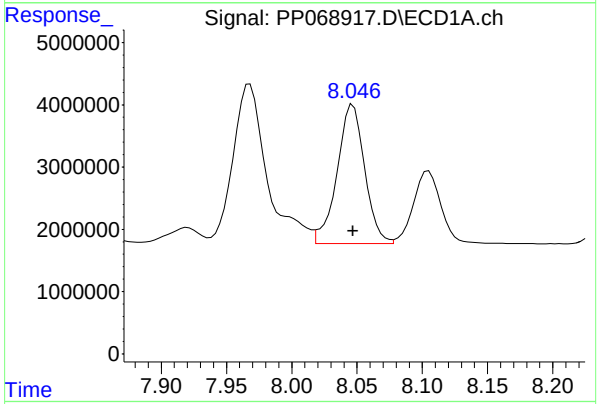
R.T.: 7.687 min
Delta R.T.: 0.000 min
Response: 38113759
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



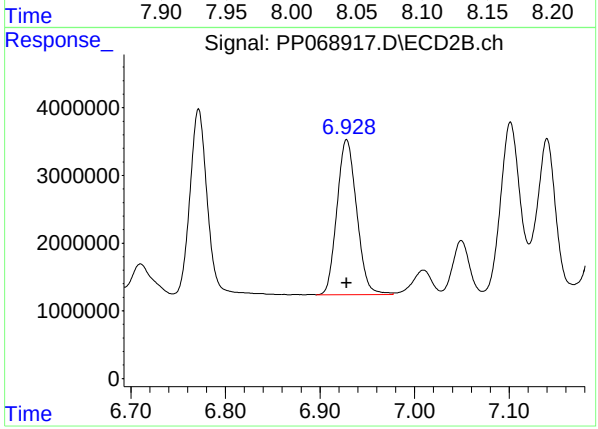
#32 AR-1260-2

R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 33594549
Conc: 500.00 ng/ml



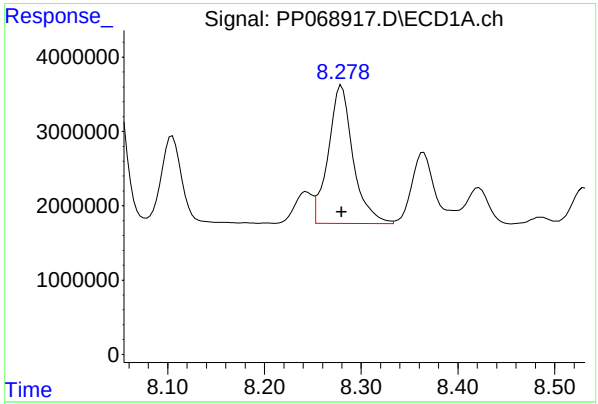
#33 AR-1260-3

R.T.: 8.047 min
Delta R.T.: 0.000 min
Response: 32850976
Conc: 500.00 ng/ml



#33 AR-1260-3

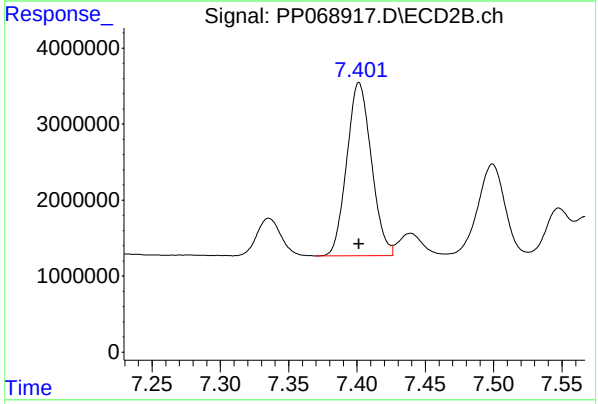
R.T.: 6.928 min
Delta R.T.: 0.000 min
Response: 33083204
Conc: 500.00 ng/ml



#34 AR-1260-4

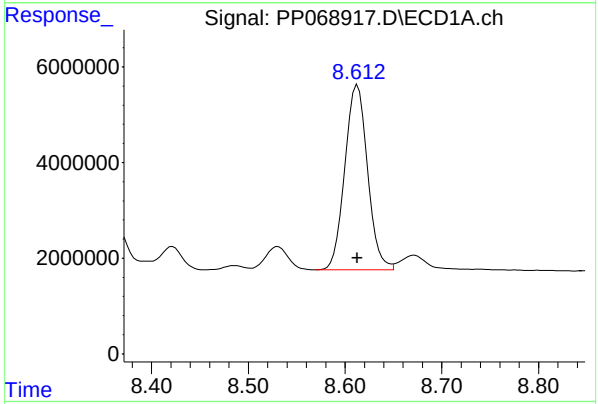
R.T.: 8.280 min
Delta R.T.: 0.000 min
Response: 33189915
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



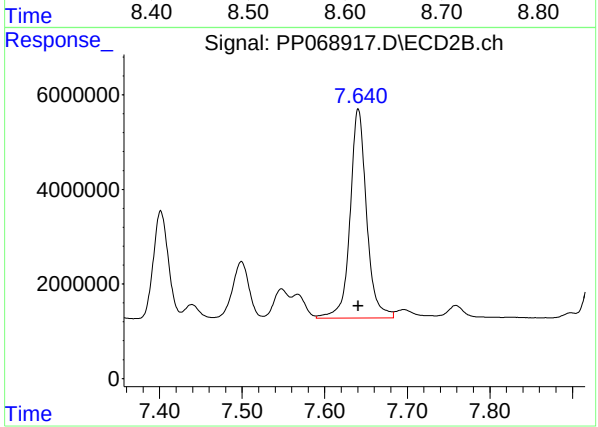
#34 AR-1260-4

R.T.: 7.402 min
Delta R.T.: 0.000 min
Response: 28605996
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 8.613 min
Delta R.T.: 0.000 min
Response: 63045029
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.641 min
Delta R.T.: 0.000 min
Response: 61439300
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068918.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 20:46
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 02:41:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 02:39:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.671	3.982	36983384	26276632	25.188	26.199
2)	SA Decachlor...	10.524	9.110	30266471	33200150	26.992	28.091
	Target Compounds						
3)	L1 AR-1016-1	5.832	5.085	11767815	9297234	265.701	265.617
4)	L1 AR-1016-2	5.854	5.104	18615880	14958531	260.888	292.846
5)	L1 AR-1016-3	5.917	5.284	11176276	7438445	257.892	261.298
6)	L1 AR-1016-4	6.015	5.324	9278128	6764011	262.123	263.734
7)	L1 AR-1016-5	6.310	5.542	9219718	8160688	265.510	254.165
31)	L7 AR-1260-1	7.433	6.584	17288690	15692370	274.761	267.331
32)	L7 AR-1260-2	7.687	6.771	20541830	18138956	269.481	269.969
33)	L7 AR-1260-3	8.047	6.928	17773502	17510270	270.517	264.640
34)	L7 AR-1260-4	8.280	7.402	18003672	15694343	271.222	274.319
35)	L7 AR-1260-5	8.612	7.640	33575329	33737505	266.281	274.560

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

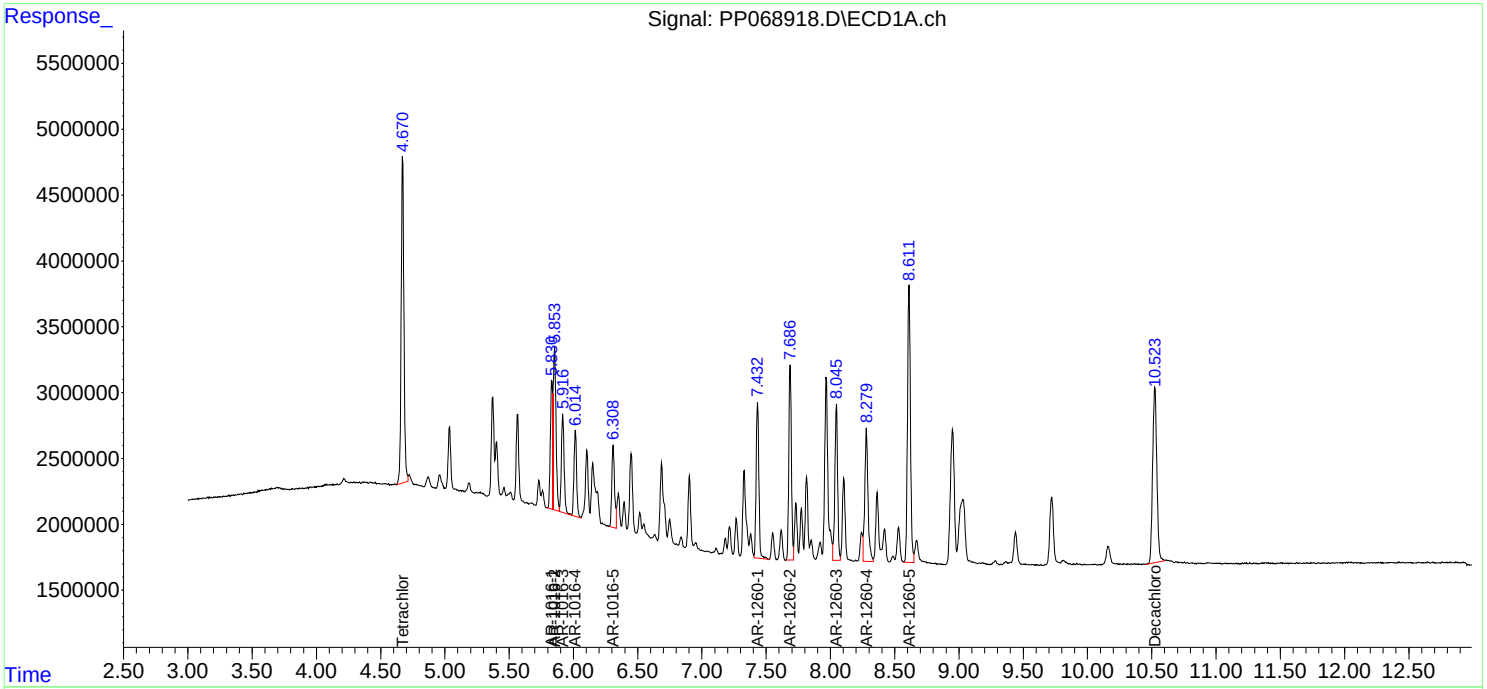
ICAL Form

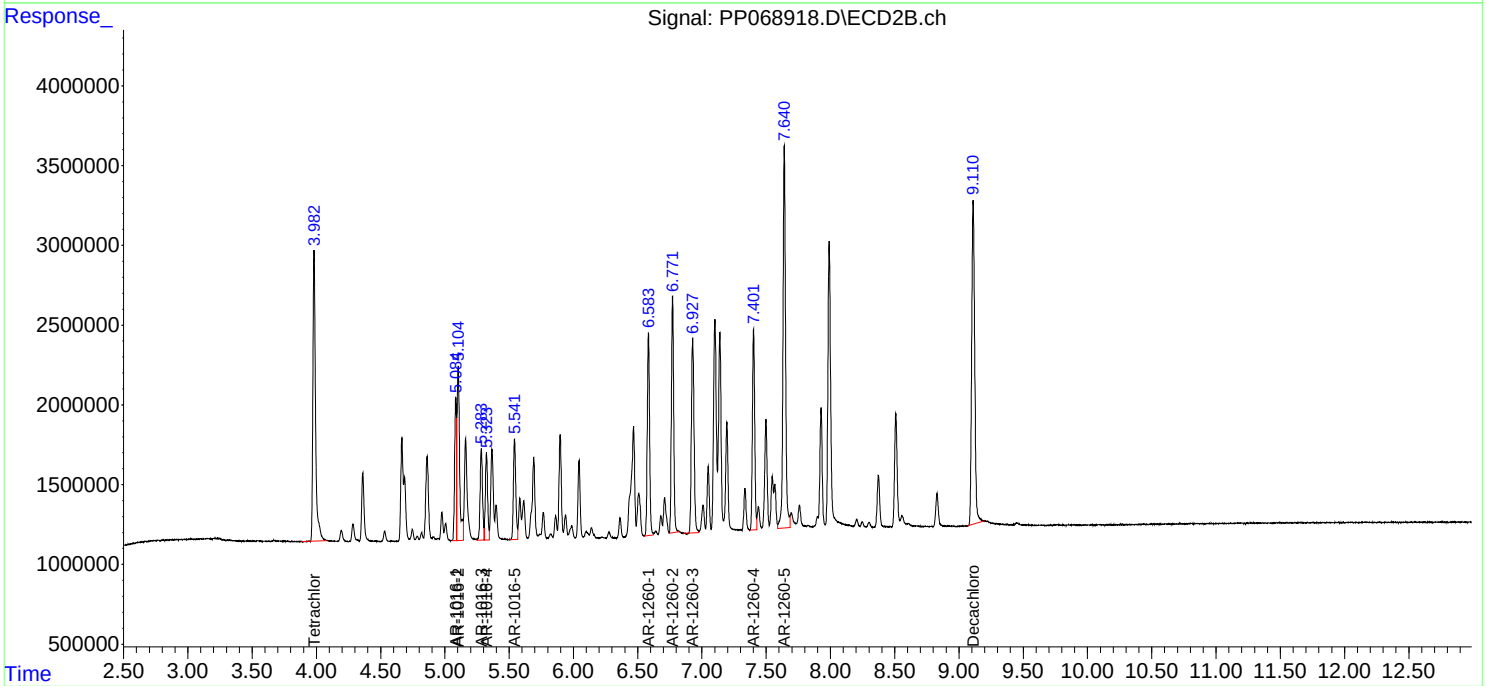
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068918.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 20:46
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

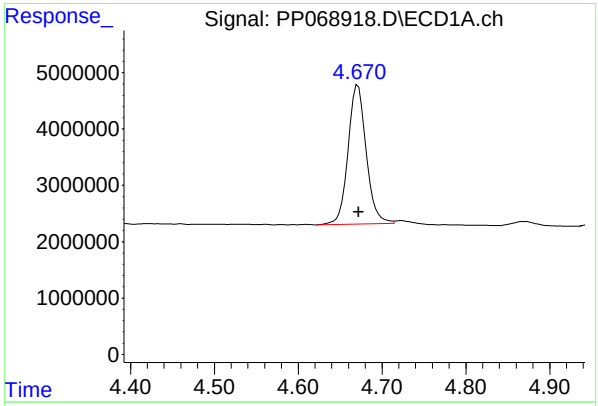
Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 02:41:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 02:39:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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



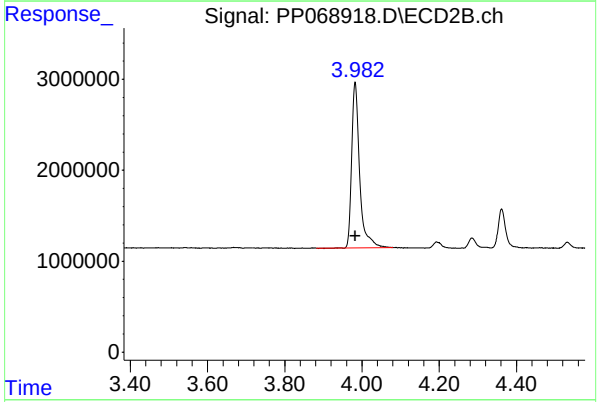




#1 Tetrachloro-m-xylene

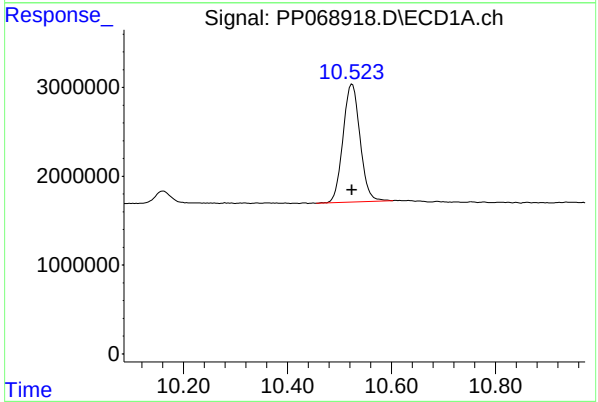
R.T.: 4.671 min
Delta R.T.: 0.000 min
Response: 36983384
Conc: 25.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



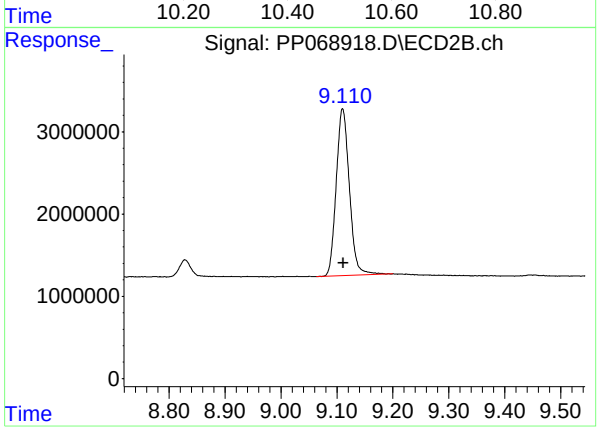
#1 Tetrachloro-m-xylene

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 26276632
Conc: 26.20 ng/ml



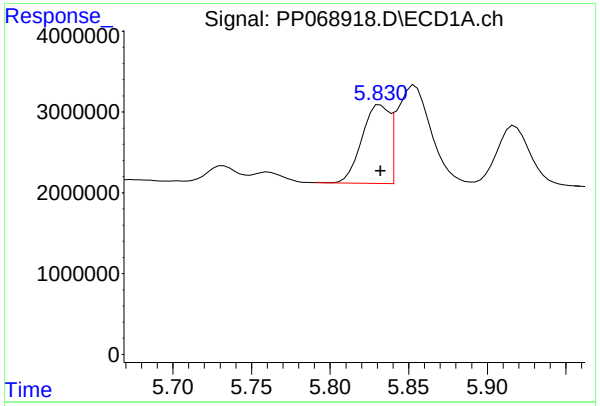
#2 Decachlorobiphenyl

R.T.: 10.524 min
Delta R.T.: 0.000 min
Response: 30266471
Conc: 26.99 ng/ml



#2 Decachlorobiphenyl

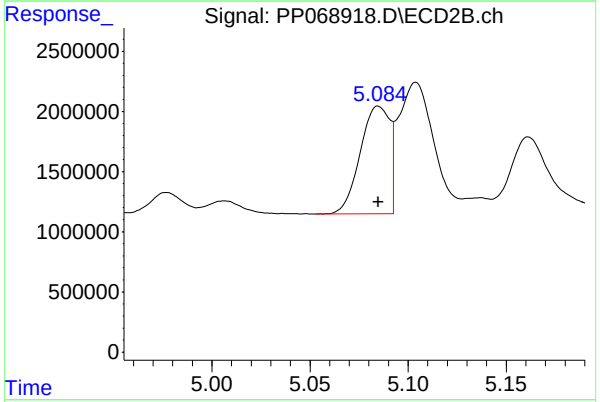
R.T.: 9.110 min
Delta R.T.: -0.001 min
Response: 33200150
Conc: 28.09 ng/ml



#3 AR-1016-1

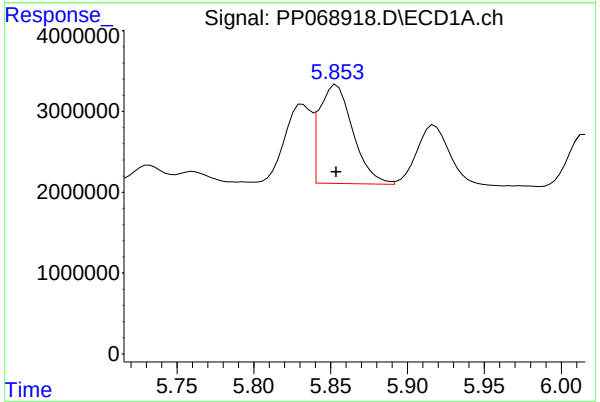
R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 11767815
Conc: 265.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



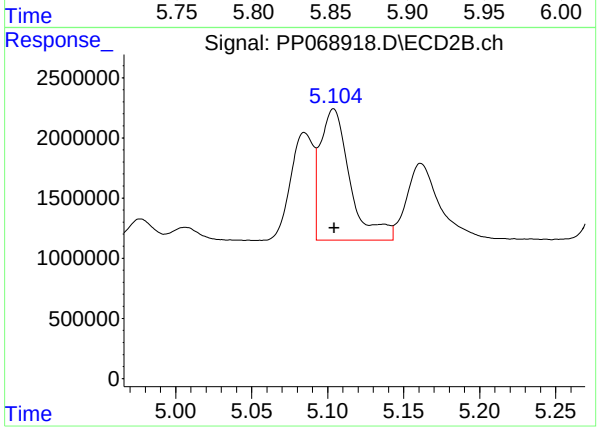
#3 AR-1016-1

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 9297234
Conc: 265.62 ng/ml



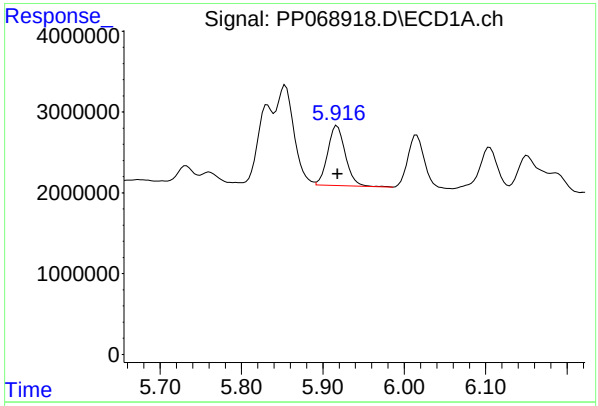
#4 AR-1016-2

R.T.: 5.854 min
Delta R.T.: 0.000 min
Response: 18615880
Conc: 260.89 ng/ml



#4 AR-1016-2

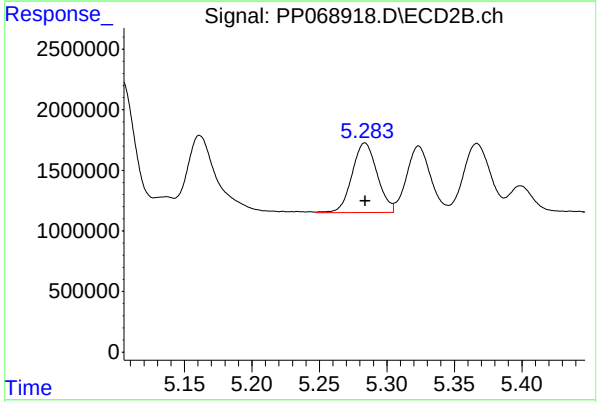
R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 14958531
Conc: 292.85 ng/ml



#5 AR-1016-3

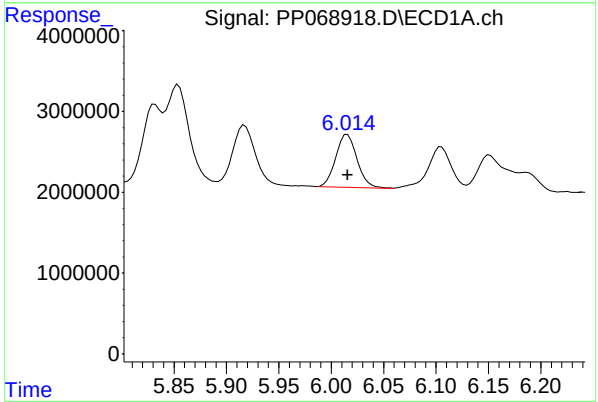
R.T.: 5.917 min
Delta R.T.: 0.000 min
Response: 11176276
Conc: 257.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



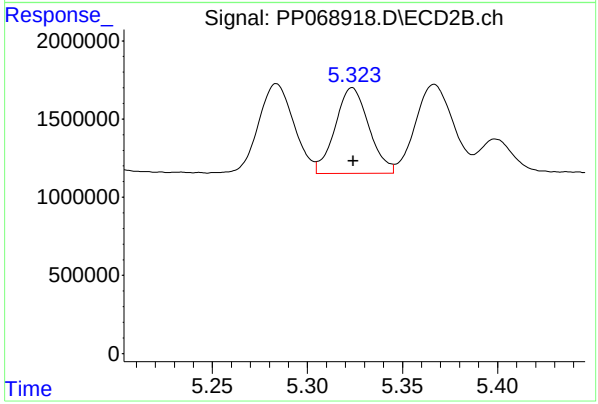
#5 AR-1016-3

R.T.: 5.284 min
Delta R.T.: 0.000 min
Response: 7438445
Conc: 261.30 ng/ml



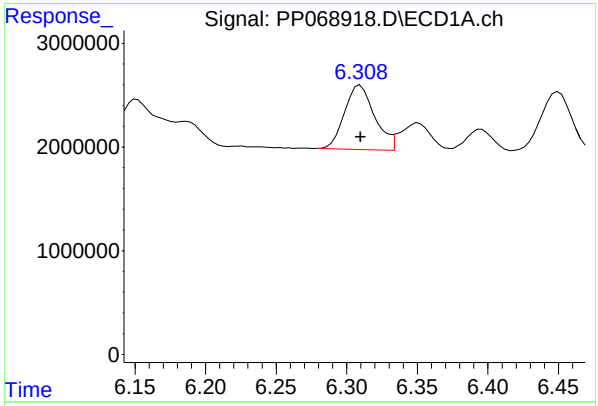
#6 AR-1016-4

R.T.: 6.015 min
Delta R.T.: 0.000 min
Response: 9278128
Conc: 262.12 ng/ml



#6 AR-1016-4

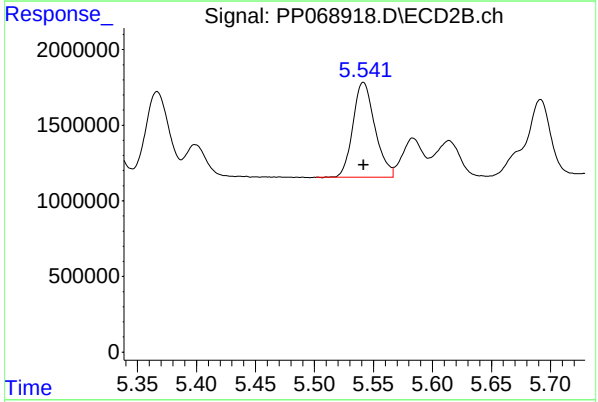
R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 6764011
Conc: 263.73 ng/ml



#7 AR-1016-5

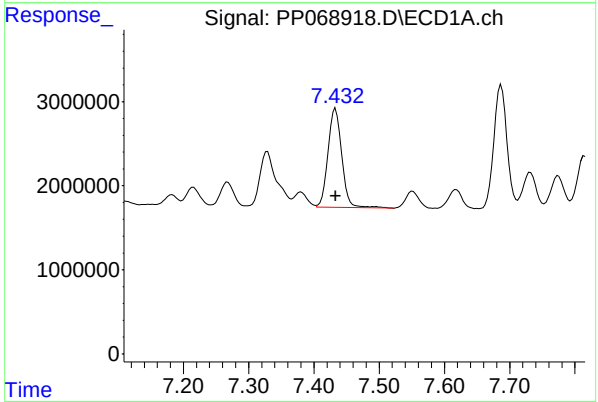
R.T.: 6.310 min
Delta R.T.: 0.000 min
Response: 9219718
Conc: 265.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



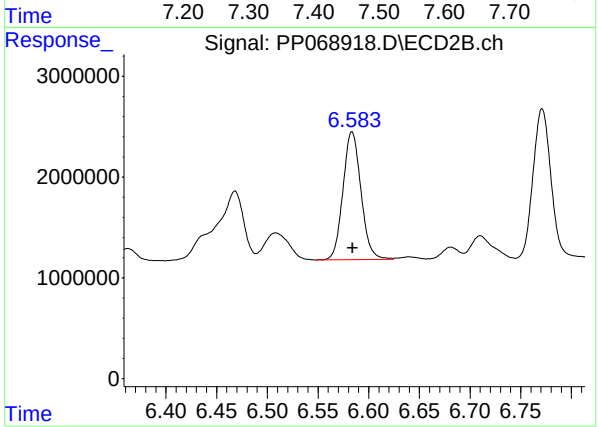
#7 AR-1016-5

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 8160688
Conc: 254.16 ng/ml



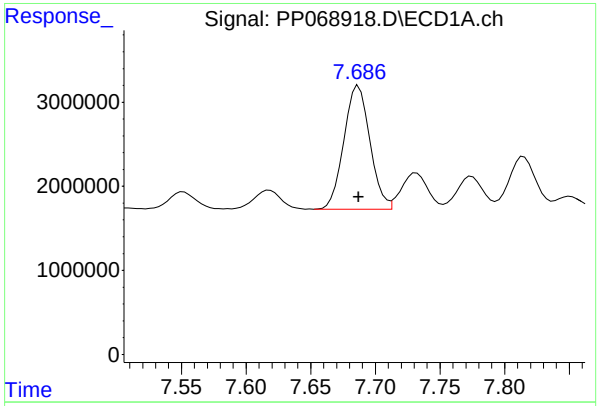
#31 AR-1260-1

R.T.: 7.433 min
Delta R.T.: 0.000 min
Response: 17288690
Conc: 274.76 ng/ml



#31 AR-1260-1

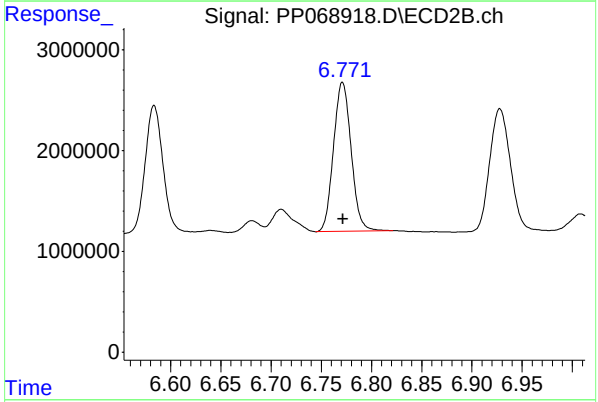
R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 15692370
Conc: 267.33 ng/ml



#32 AR-1260-2

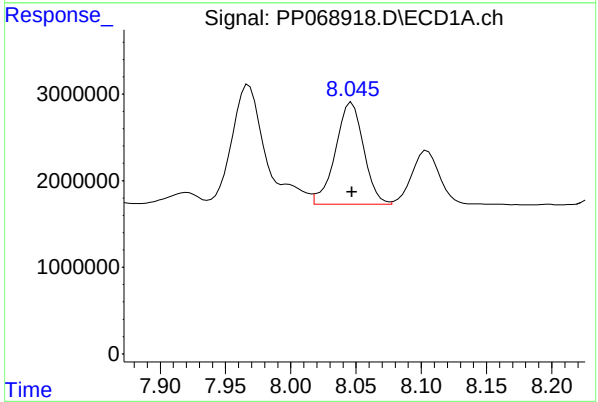
R.T.: 7.687 min
Delta R.T.: 0.000 min
Response: 20541830
Conc: 269.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



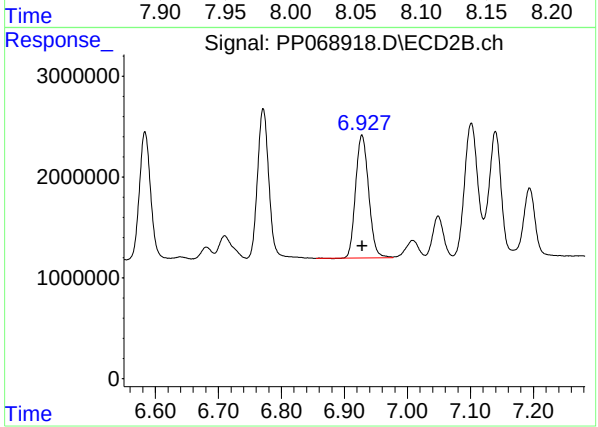
#32 AR-1260-2

R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 18138956
Conc: 269.97 ng/ml



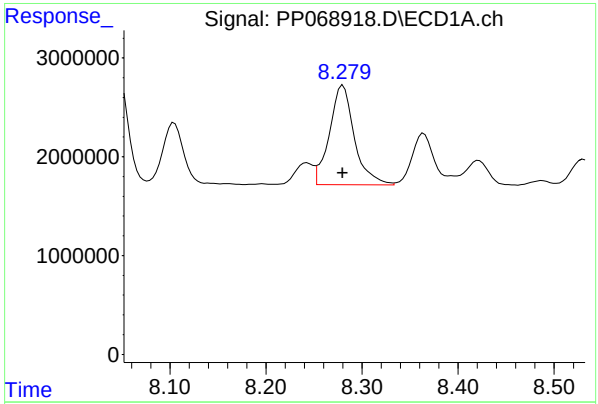
#33 AR-1260-3

R.T.: 8.047 min
Delta R.T.: 0.000 min
Response: 17773502
Conc: 270.52 ng/ml



#33 AR-1260-3

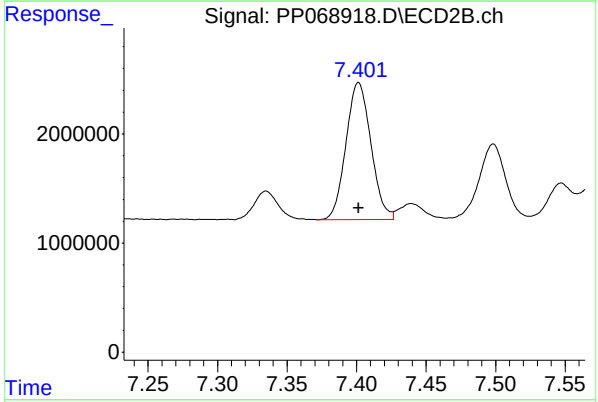
R.T.: 6.928 min
Delta R.T.: 0.000 min
Response: 17510270
Conc: 264.64 ng/ml



#34 AR-1260-4

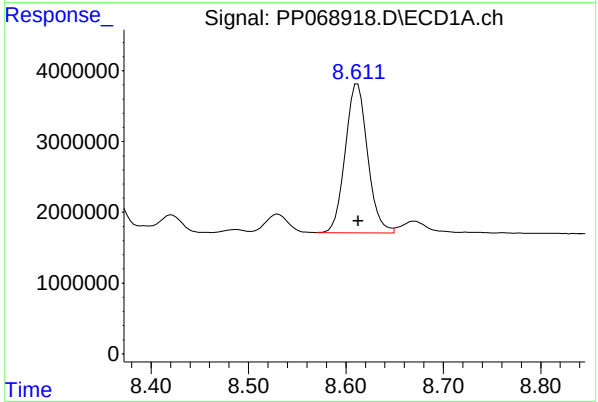
R.T.: 8.280 min
Delta R.T.: 0.000 min
Response: 18003672
Conc: 271.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



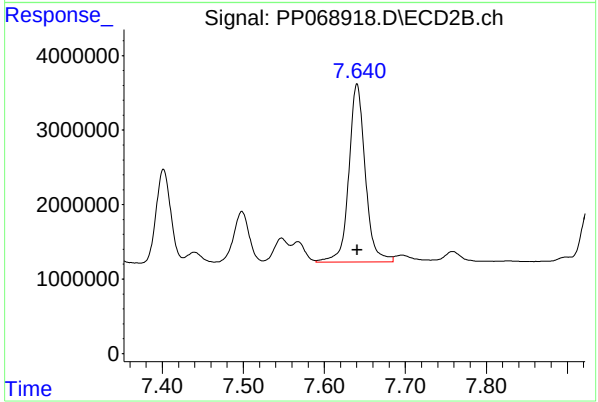
#34 AR-1260-4

R.T.: 7.402 min
Delta R.T.: 0.000 min
Response: 15694343
Conc: 274.32 ng/ml



#35 AR-1260-5

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 33575329
Conc: 266.28 ng/ml



#35 AR-1260-5

R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 33737505
Conc: 274.56 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068919.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 21:02
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 02:41:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 02:39:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.673	3.983	6502132	4723480	4.428	4.710
2)	SA Decachlor...	10.525	9.112	5851136	6811929	5.218	5.764
	Target Compounds						
3)	L1 AR-1016-1	5.832	5.086	2471022	1780460	55.792m	50.867
4)	L1 AR-1016-2	5.854	5.105	3029058	2497388	42.450m	48.892
5)	L1 AR-1016-3	5.918	5.284	2140164	1322675	49.384	46.463
6)	L1 AR-1016-4	6.016	5.324	1820374	1271452	51.429	49.575
7)	L1 AR-1016-5	6.311	5.542	1829400	1519429	52.683	47.323
31)	L7 AR-1260-1	7.434	6.585	3404979	3080015	54.114	52.470
32)	L7 AR-1260-2	7.688	6.772	4055519	3573521	53.203	53.186
33)	L7 AR-1260-3	8.048	6.928	3557300	3496072	54.143	52.838
34)	L7 AR-1260-4	8.281	7.402	3562887	2974033	53.674	51.983
35)	L7 AR-1260-5	8.613	7.642	6570641	6617843	52.111	53.857

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068919.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 21:02
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

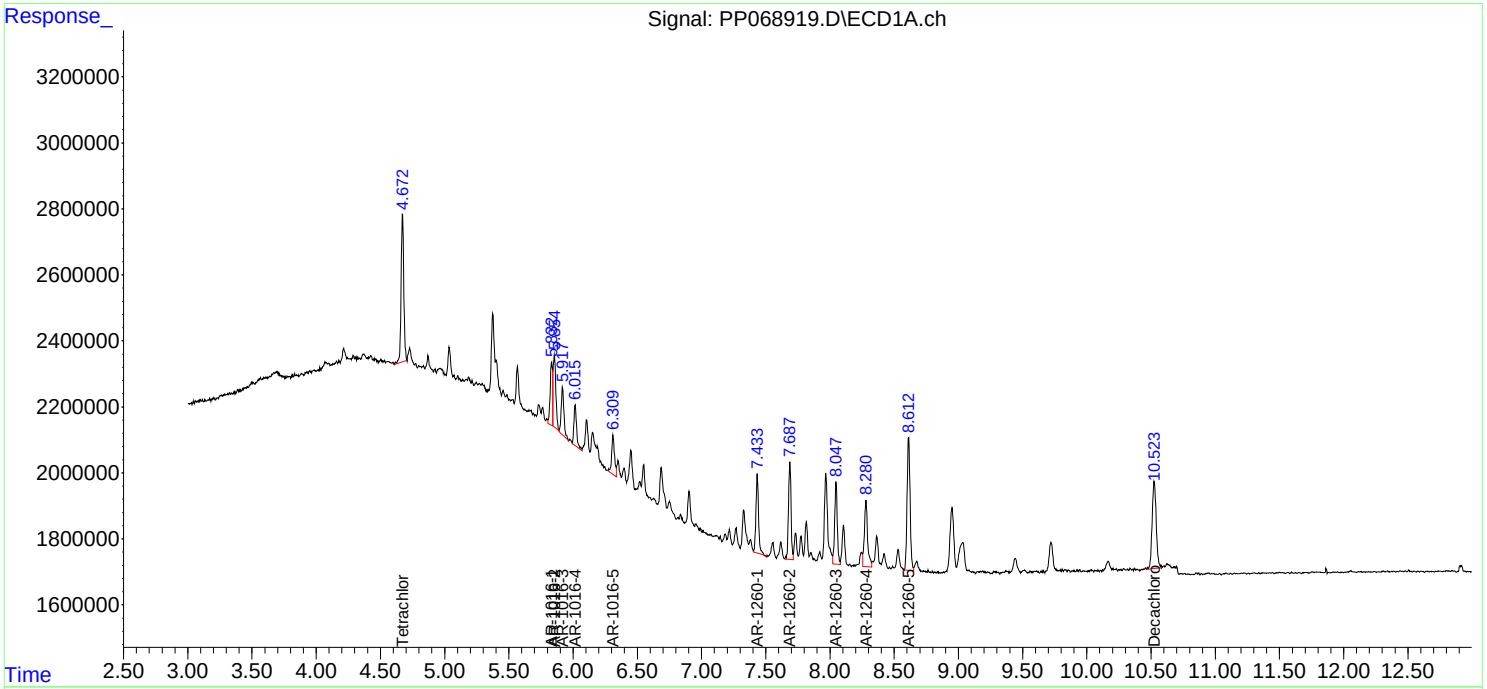
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

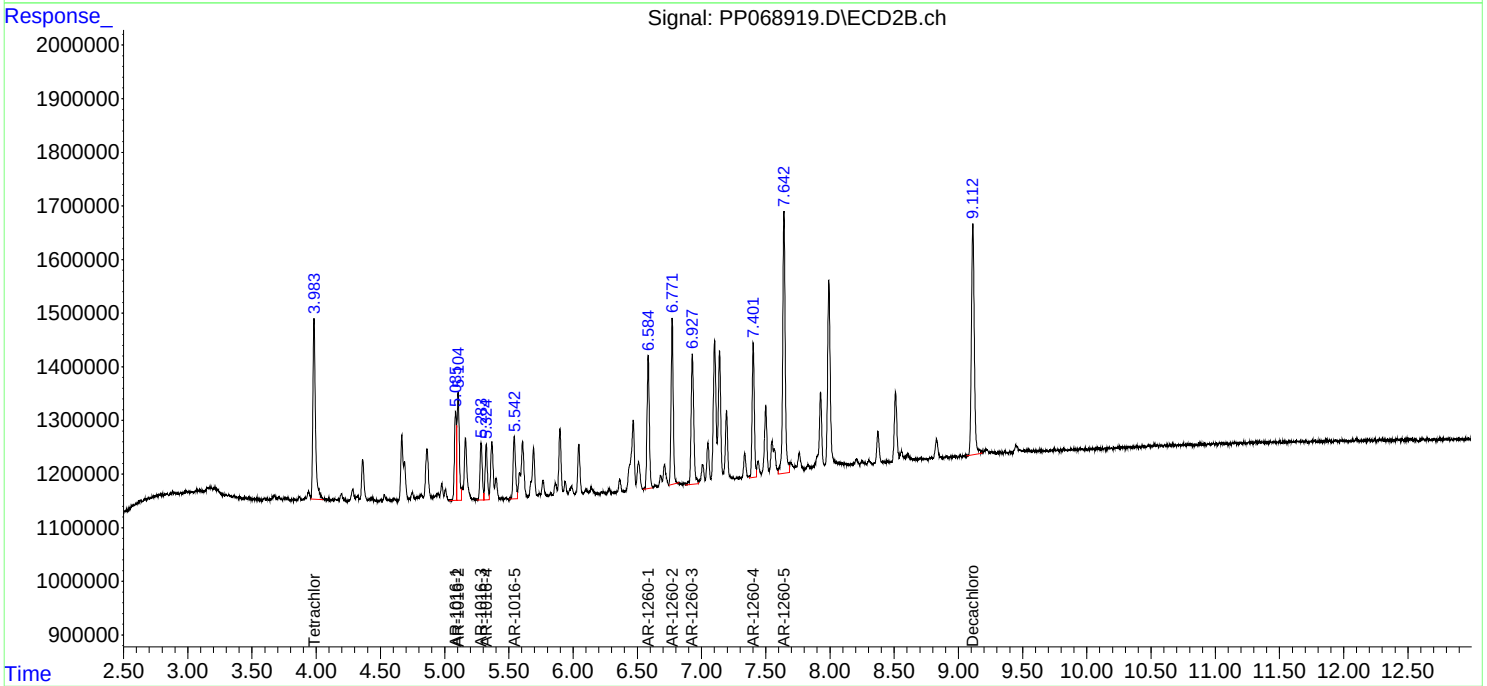
Manual Integrations APPROVED

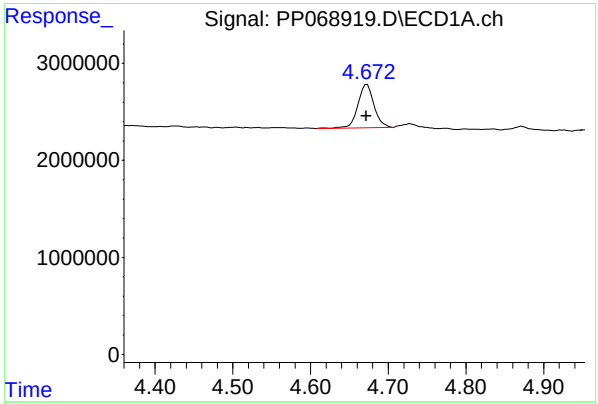
Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 02:41:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 02:39:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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







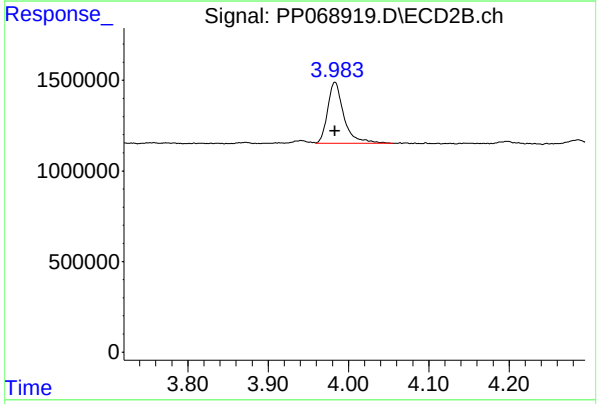
#1 Tetrachloro-m-xylene

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 6502132
Conc: 4.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

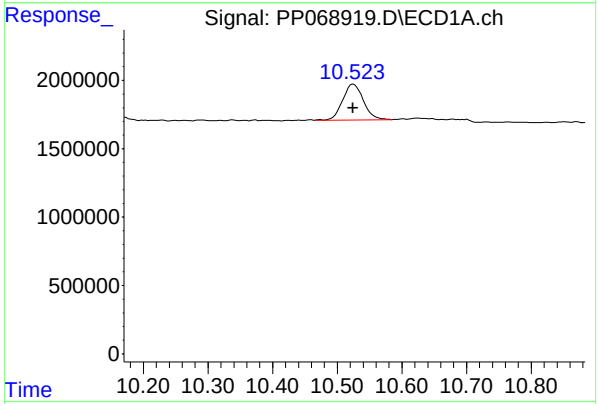
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



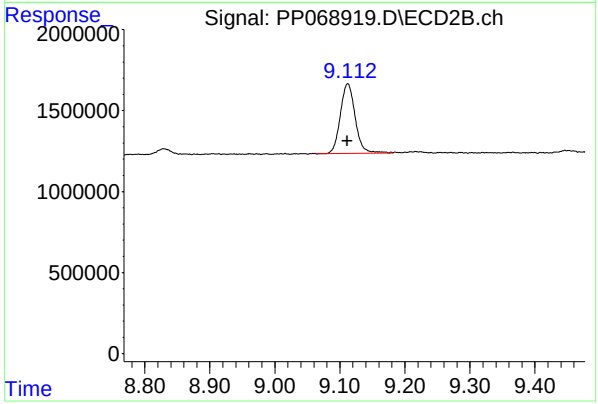
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 4723480
Conc: 4.71 ng/ml



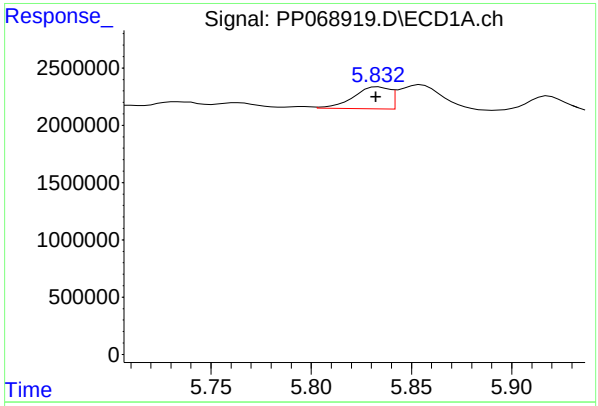
#2 Decachlorobiphenyl

R.T.: 10.525 min
Delta R.T.: 0.000 min
Response: 5851136
Conc: 5.22 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.112 min
Delta R.T.: 0.000 min
Response: 6811929
Conc: 5.76 ng/ml



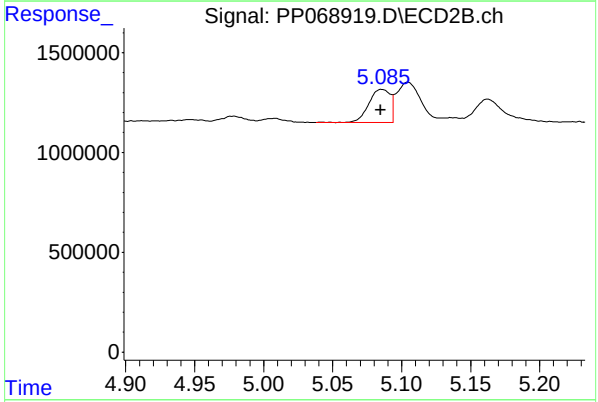
#3 AR-1016-1

R.T.: 5.832 min
Delta R.T.: 0.000 mi
Response: 2471022
Conc: 55.79 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

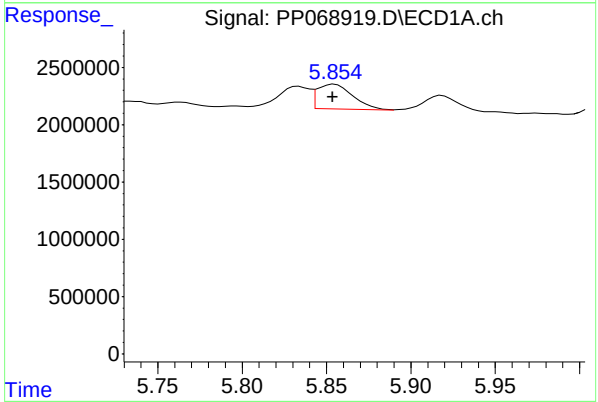
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



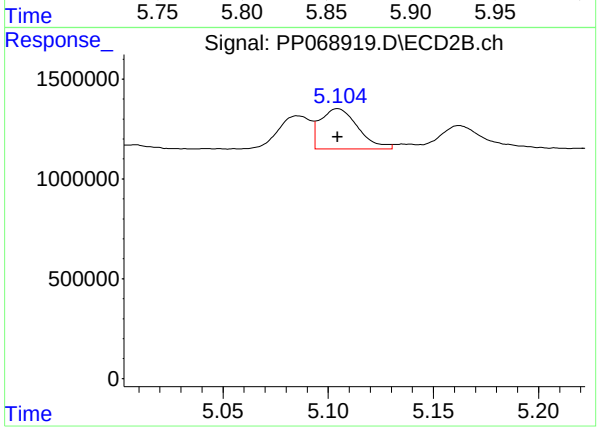
#3 AR-1016-1

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 1780460
Conc: 50.87 ng/ml



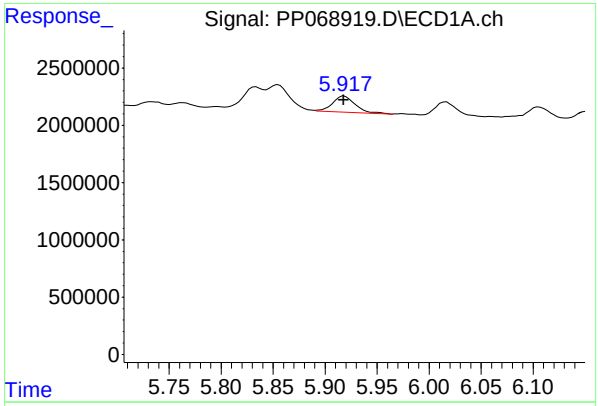
#4 AR-1016-2

R.T.: 5.854 min
Delta R.T.: 0.000 min
Response: 3029058
Conc: 42.45 ng/ml m



#4 AR-1016-2

R.T.: 5.105 min
Delta R.T.: 0.000 min
Response: 2497388
Conc: 48.89 ng/ml



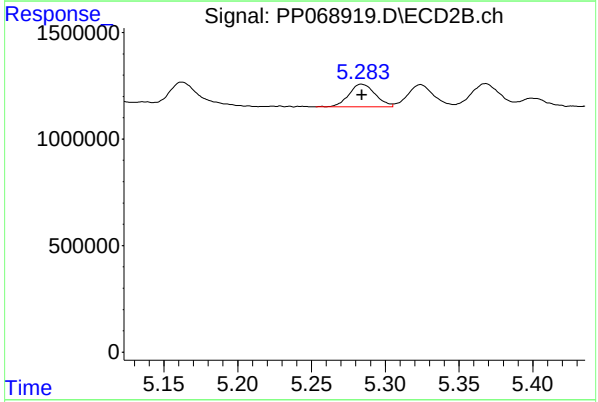
#5 AR-1016-3

R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 2140164
Conc: 49.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

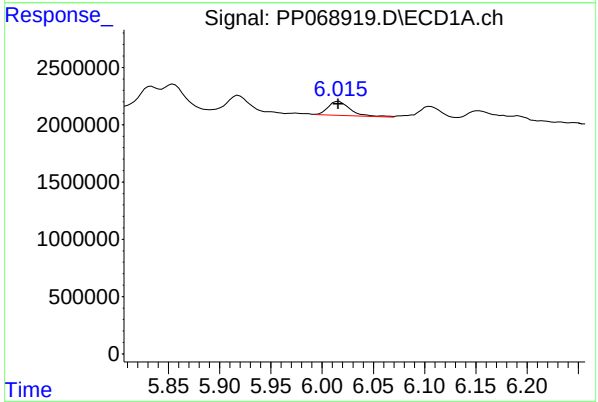
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



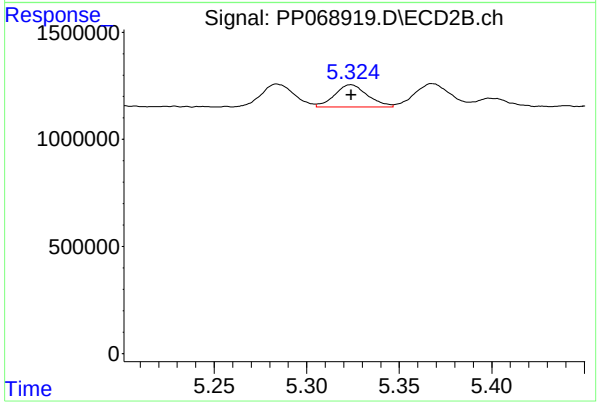
#5 AR-1016-3

R.T.: 5.284 min
Delta R.T.: 0.000 min
Response: 1322675
Conc: 46.46 ng/ml



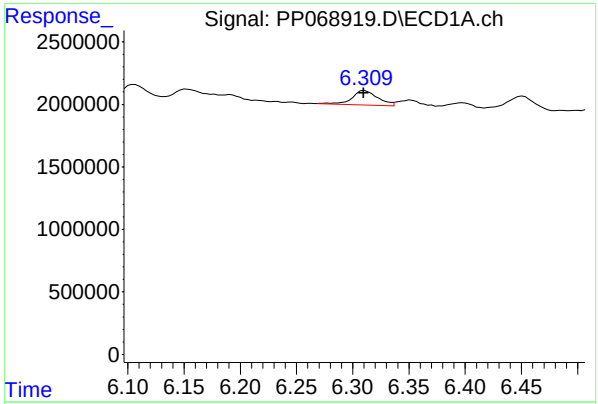
#6 AR-1016-4

R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 1820374
Conc: 51.43 ng/ml



#6 AR-1016-4

R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 1271452
Conc: 49.57 ng/ml



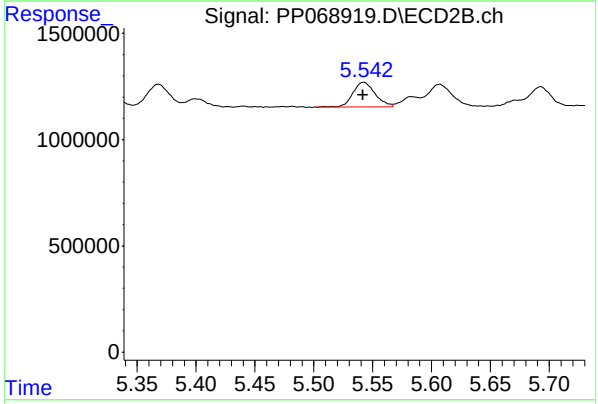
#7 AR-1016-5

R.T.: 6.311 min
Delta R.T.: 0.001 min
Response: 1829400
Conc: 52.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

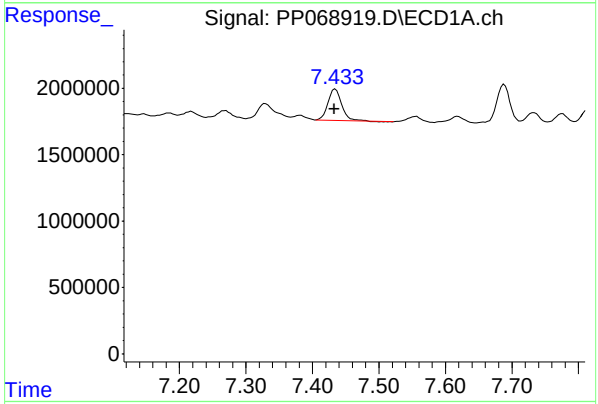
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



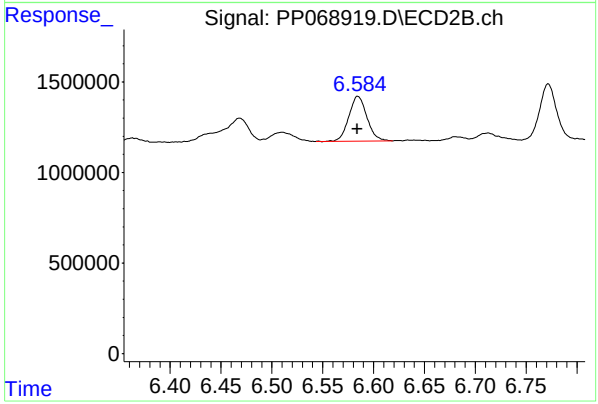
#7 AR-1016-5

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 1519429
Conc: 47.32 ng/ml



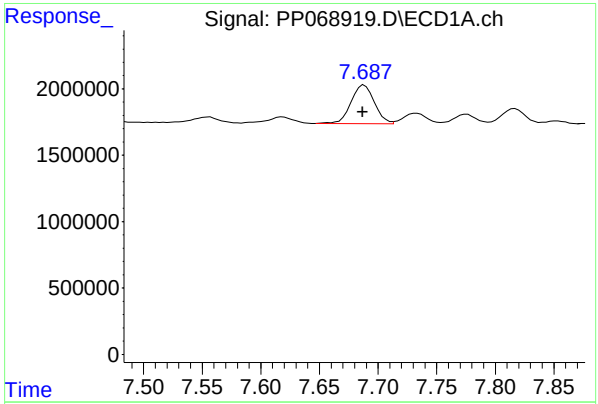
#31 AR-1260-1

R.T.: 7.434 min
Delta R.T.: 0.001 min
Response: 3404979
Conc: 54.11 ng/ml



#31 AR-1260-1

R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 3080015
Conc: 52.47 ng/ml



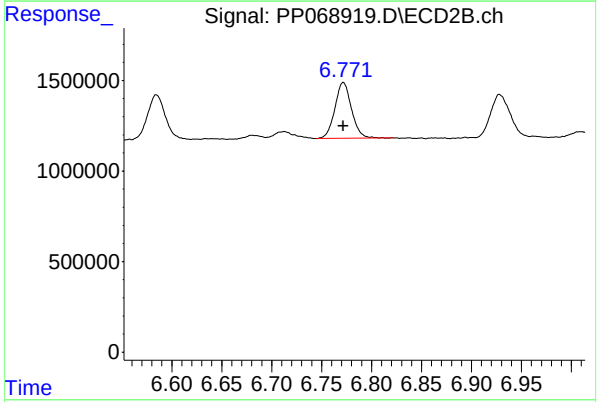
#32 AR-1260-2

R.T.: 7.688 min
Delta R.T.: 0.001 min
Response: 4055519
Conc: 53.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

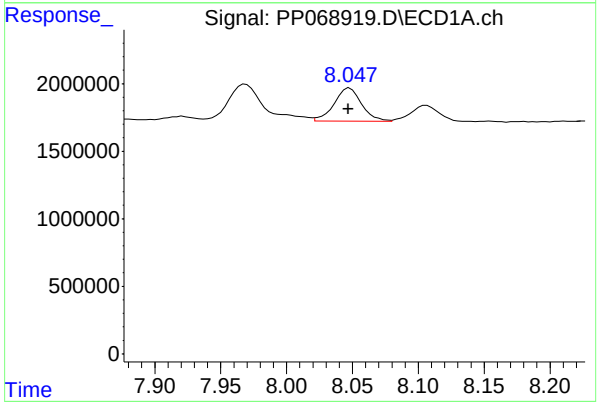
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



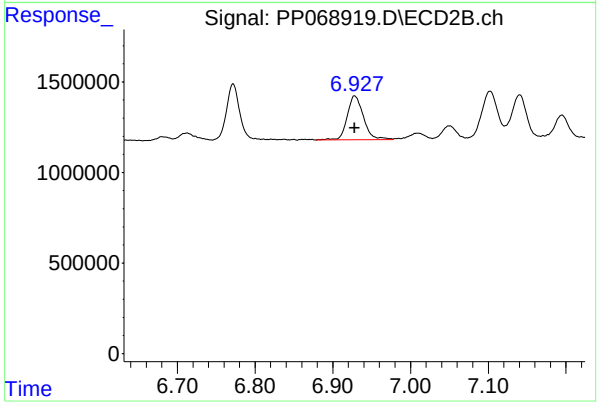
#32 AR-1260-2

R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 3573521
Conc: 53.19 ng/ml



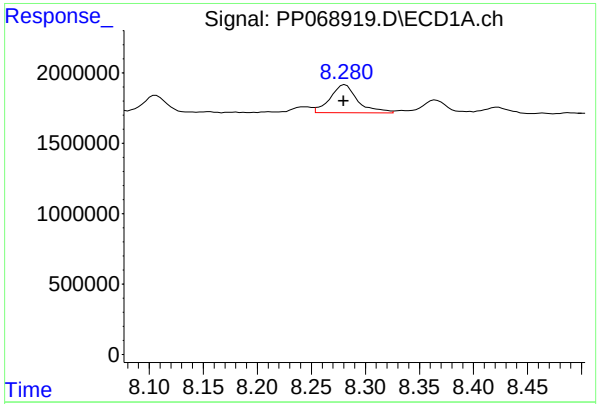
#33 AR-1260-3

R.T.: 8.048 min
Delta R.T.: 0.001 min
Response: 3557300
Conc: 54.14 ng/ml



#33 AR-1260-3

R.T.: 6.928 min
Delta R.T.: 0.000 min
Response: 3496072
Conc: 52.84 ng/ml



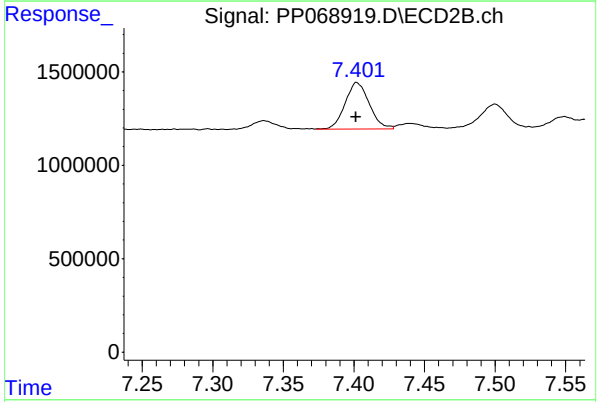
#34 AR-1260-4

R.T.: 8.281 min
Delta R.T.: 0.001 min
Response: 3562887
Conc: 53.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

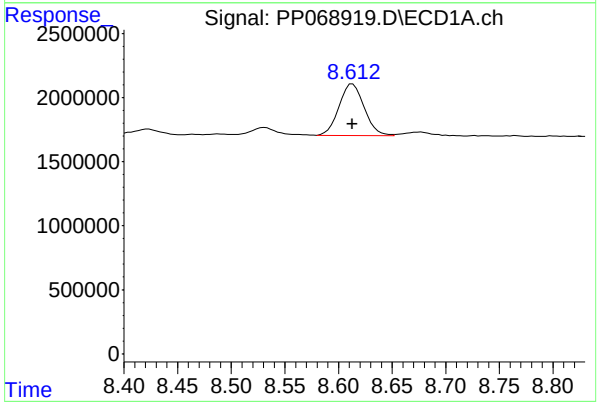
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



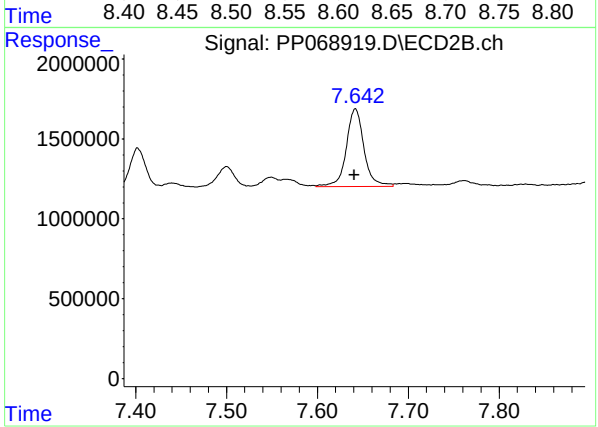
#34 AR-1260-4

R.T.: 7.402 min
Delta R.T.: 0.000 min
Response: 2974033
Conc: 51.98 ng/ml



#35 AR-1260-5

R.T.: 8.613 min
Delta R.T.: 0.000 min
Response: 6570641
Conc: 52.11 ng/ml



#35 AR-1260-5

R.T.: 7.642 min
Delta R.T.: 0.001 min
Response: 6617843
Conc: 53.86 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068920.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 21:19
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 03:22:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 03:22:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.672	3.983	75140981	52106220	50.000	50.000
2)	SA Decachlor...	10.525	9.112	57933955	62437321	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	4.873	4.197	8892583	6745743	500.000	500.000
9)	L2 AR-1221-2	4.960	4.285	6435961	5189108	500.000	500.000
10)	L2 AR-1221-3	5.036	4.362	19383914	15524592	500.000	500.000

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

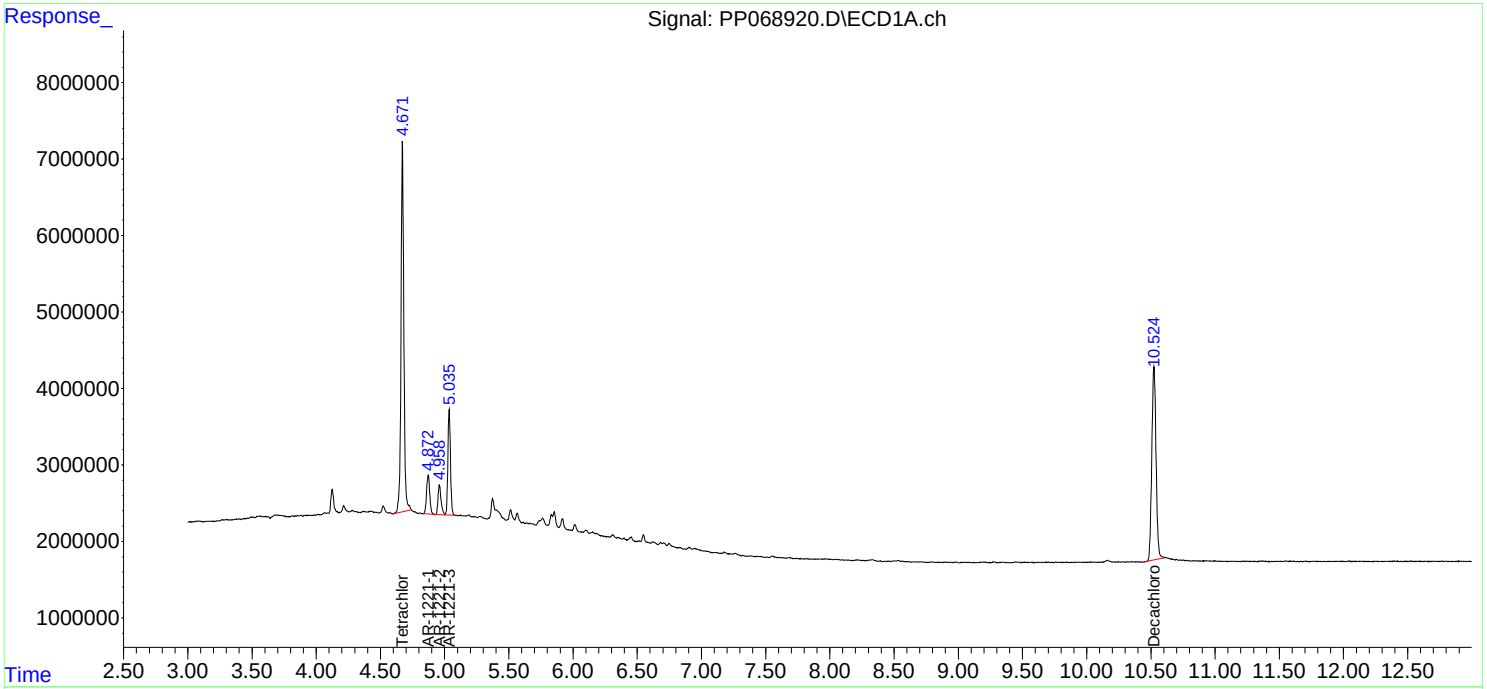
ICAL Form

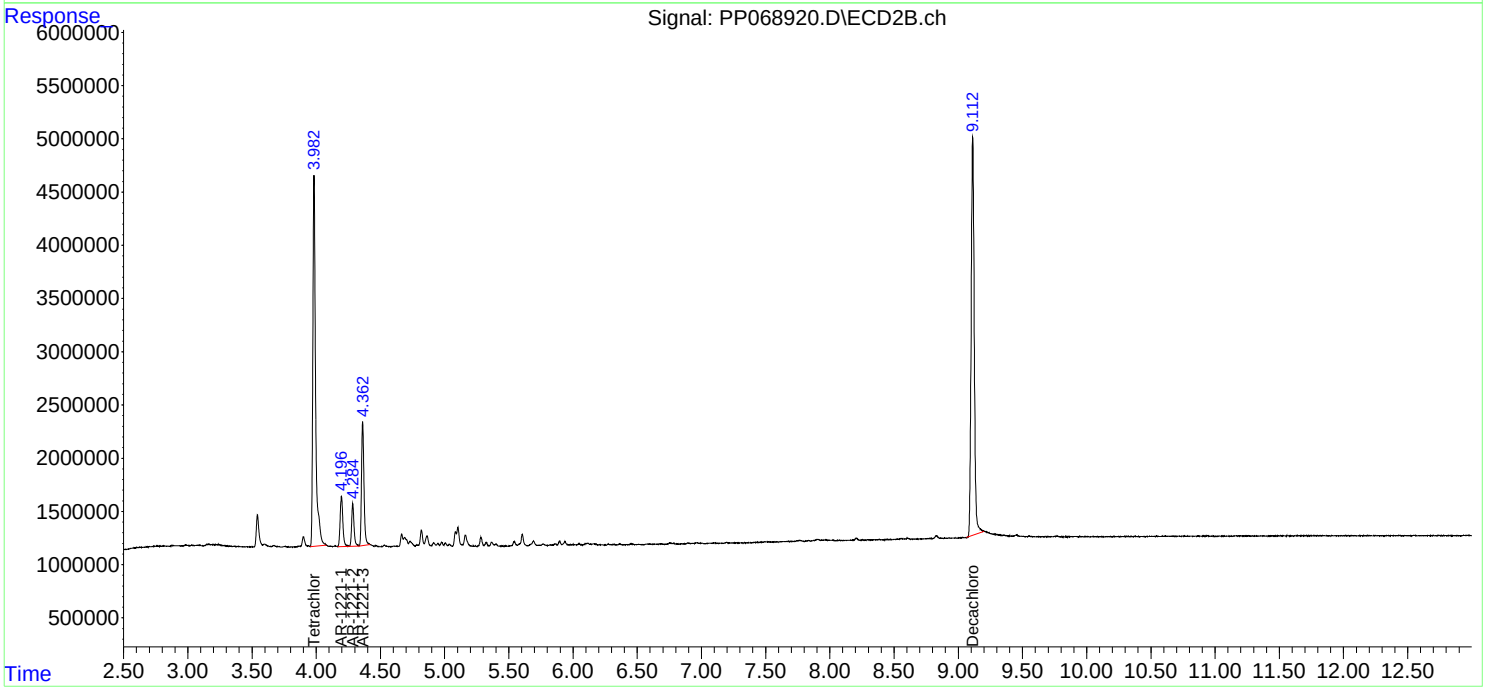
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068920.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 21:19
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

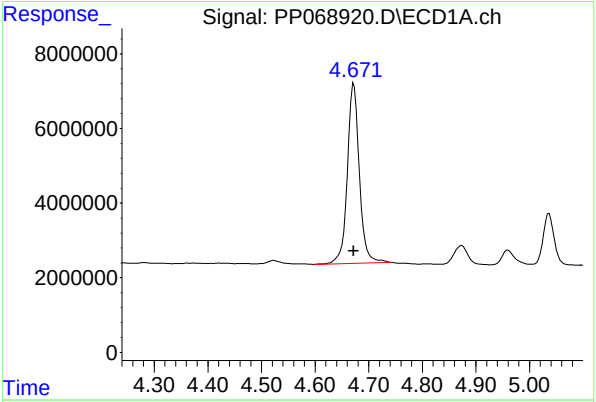
Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 03:22:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 03:22:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



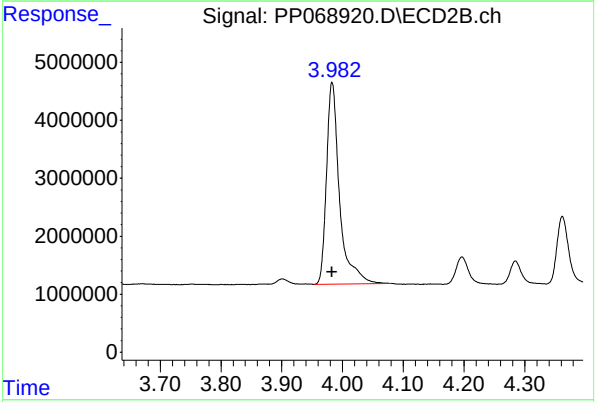




#1 Tetrachloro-m-xylene

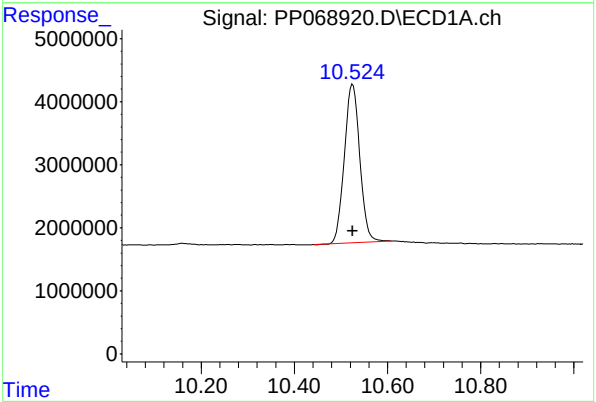
R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 75140981
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



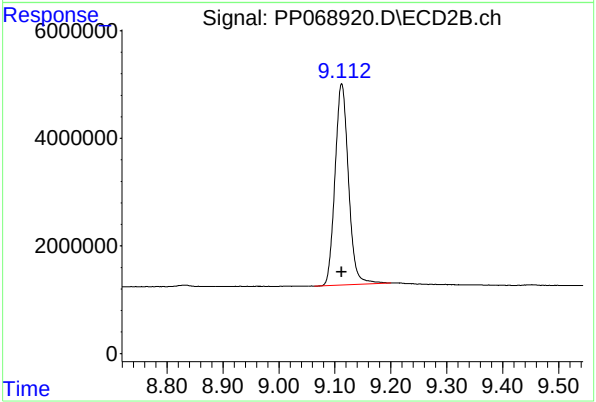
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 52106220
Conc: 50.00 ng/ml



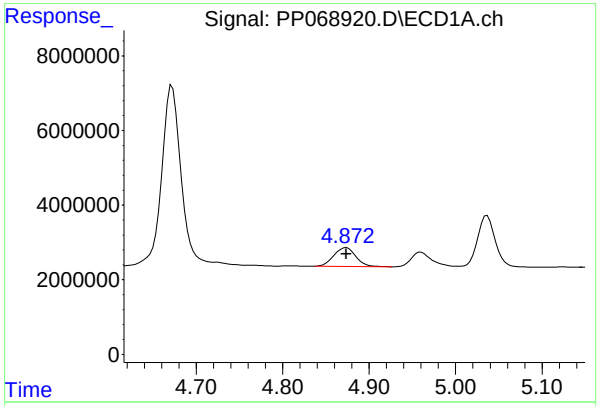
#2 Decachlorobiphenyl

R.T.: 10.525 min
Delta R.T.: 0.000 min
Response: 57933955
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

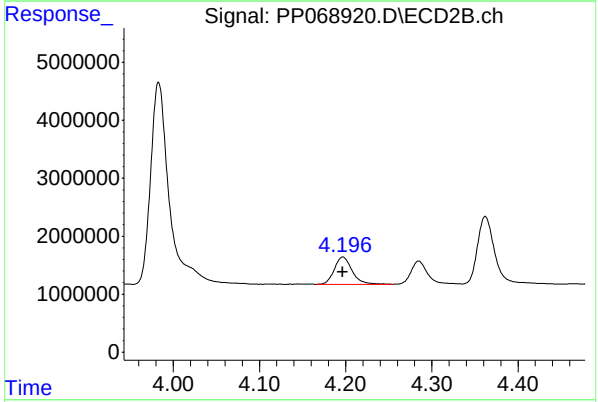
R.T.: 9.112 min
Delta R.T.: 0.000 min
Response: 62437321
Conc: 50.00 ng/ml



#8 AR-1221-1

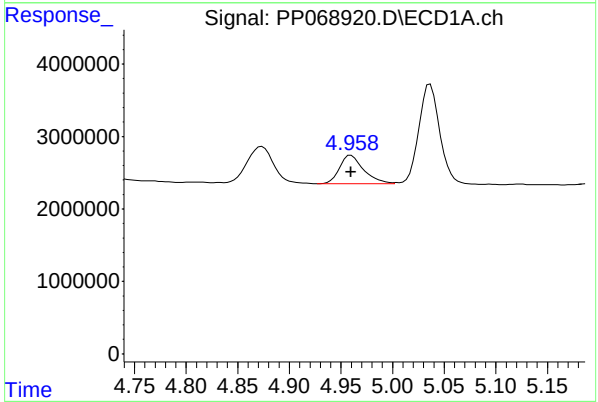
R.T.: 4.873 min
Delta R.T.: 0.000 mi
Response: 8892583
Conc: 500.00 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



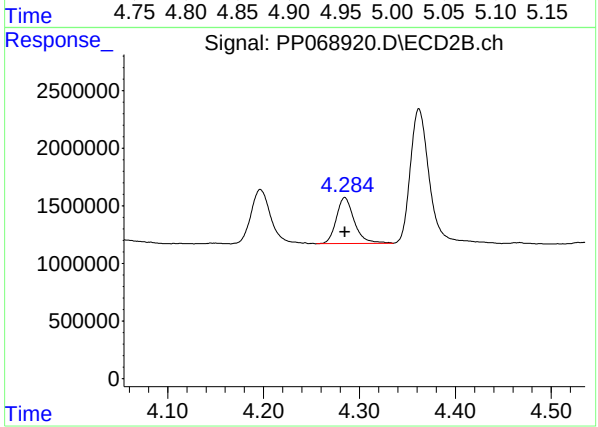
#8 AR-1221-1

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 6745743
Conc: 500.00 ng/ml



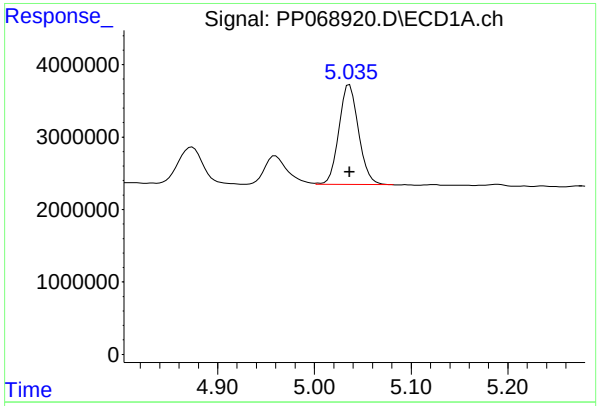
#9 AR-1221-2

R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 6435961
Conc: 500.00 ng/ml



#9 AR-1221-2

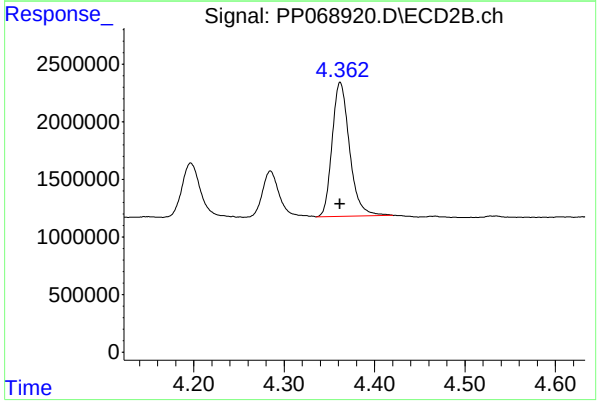
R.T.: 4.285 min
Delta R.T.: 0.000 min
Response: 5189108
Conc: 500.00 ng/ml



#10 AR-1221-3

R.T.: 5.036 min
Delta R.T.: 0.000 mi
Response: 19383914
Conc: 500.00 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



#10 AR-1221-3

R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 15524592
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068921.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 21:35
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 03:21:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 03:20:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.673	3.982	71729141	49915828	50.000	50.000
2)	SA Decachlor...	10.523	9.112	55413073	57538612	50.000	50.000
	Target Compounds						
11)	L3 AR-1232-1	5.037	4.362	14841168	12315360	500.000	500.000
12)	L3 AR-1232-2	5.567	5.104	8404612	11959335	500.000	500.000
13)	L3 AR-1232-3	5.855	5.283	15668569	6280083	500.000	500.000
14)	L3 AR-1232-4	6.017	5.367	7821612	5995978	500.000	500.000
15)	L3 AR-1232-5	6.107	5.542	6022471	6418092	500.000	500.000

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

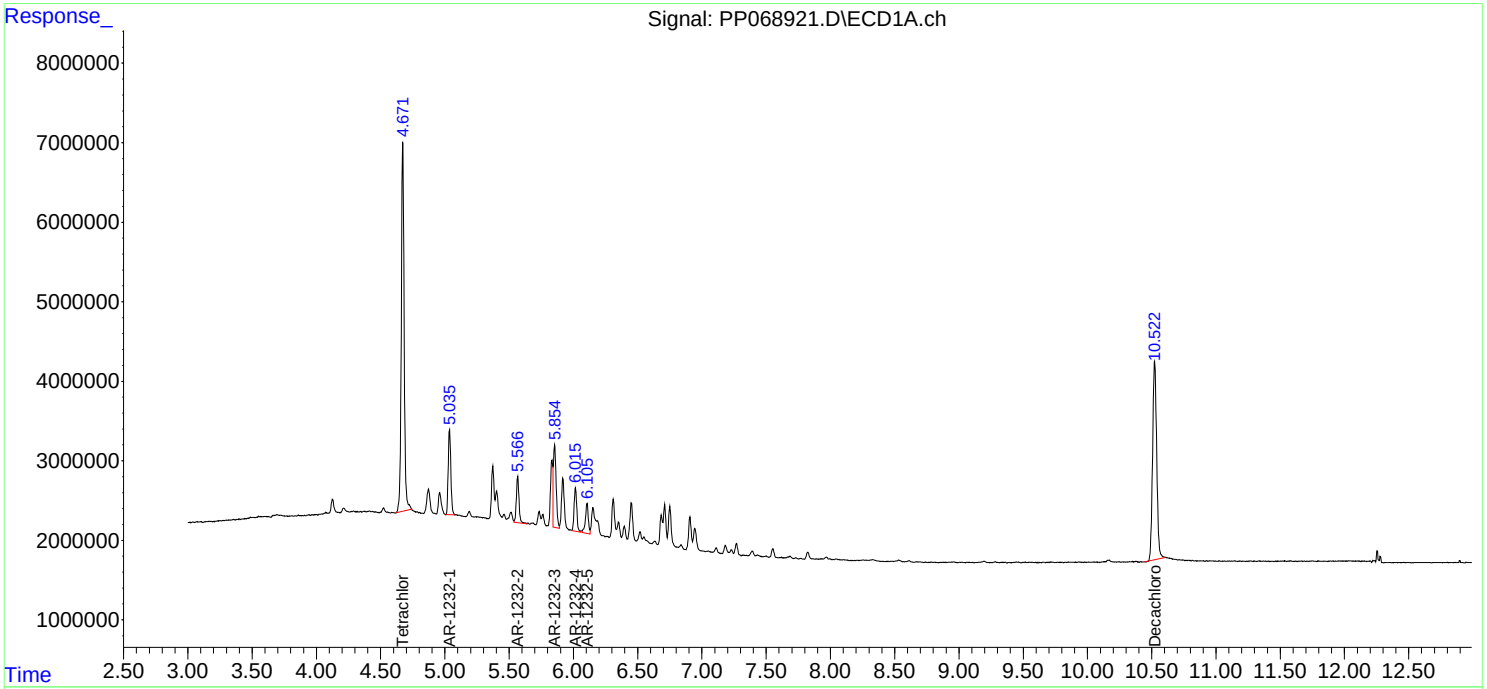
ICAL Form

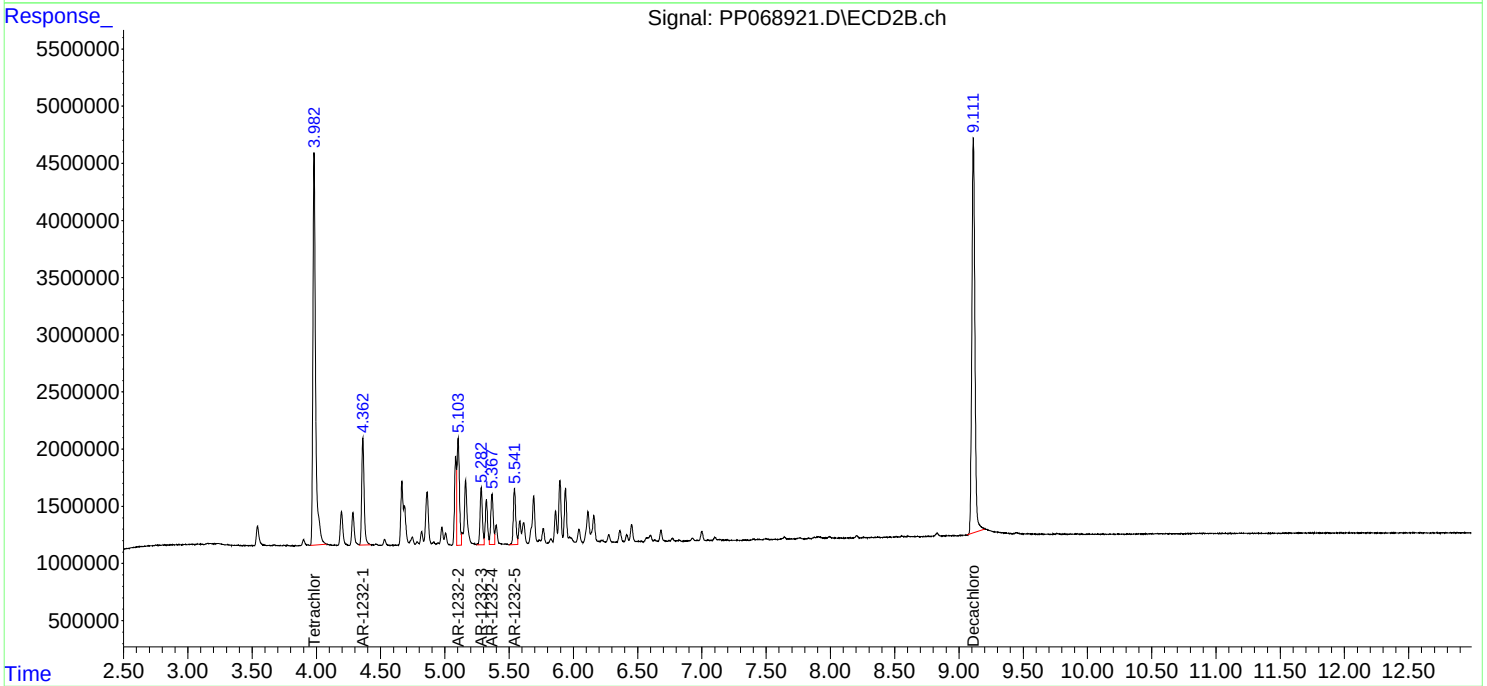
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068921.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 21:35
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

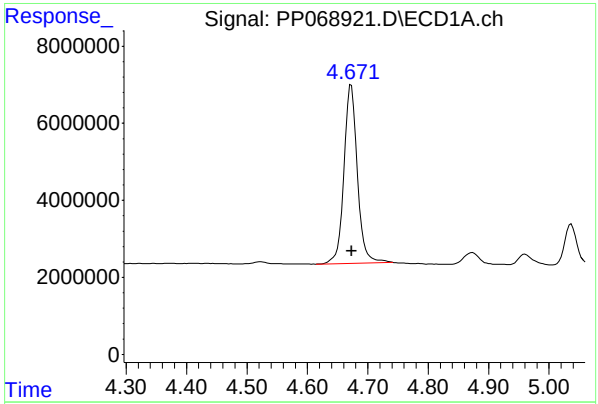
Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 03:21:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 03:20:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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



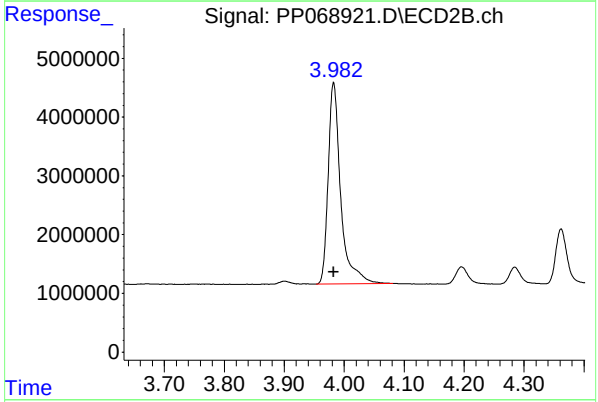




#1 Tetrachloro-m-xylene

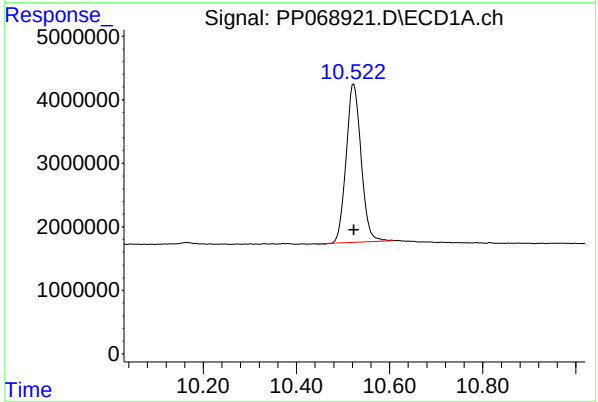
R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 71729141
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



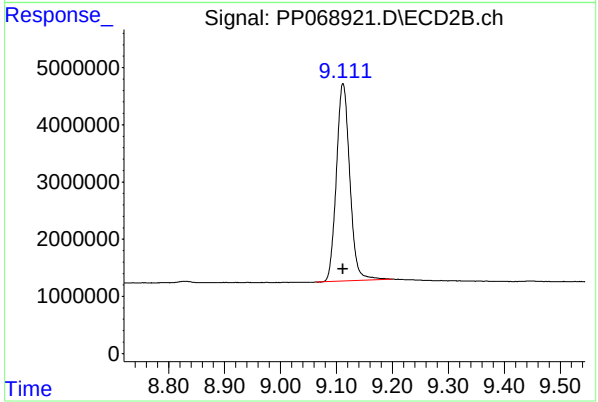
#1 Tetrachloro-m-xylene

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 49915828
Conc: 50.00 ng/ml



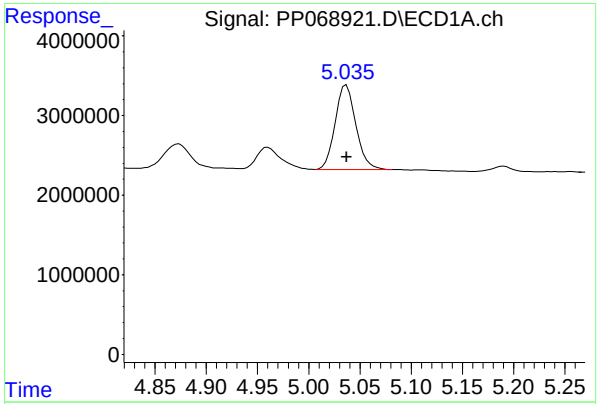
#2 Decachlorobiphenyl

R.T.: 10.523 min
Delta R.T.: 0.000 min
Response: 55413073
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

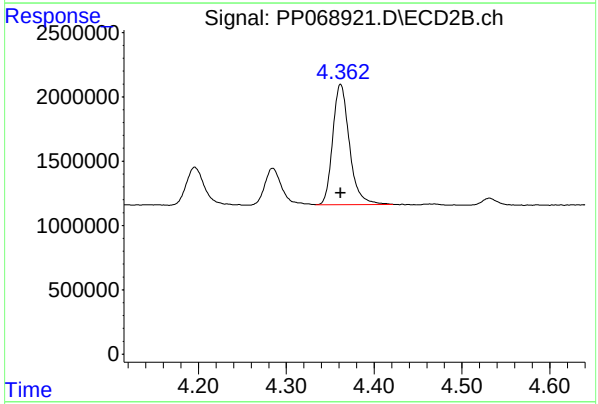
R.T.: 9.112 min
Delta R.T.: 0.000 min
Response: 57538612
Conc: 50.00 ng/ml



#11 AR-1232-1

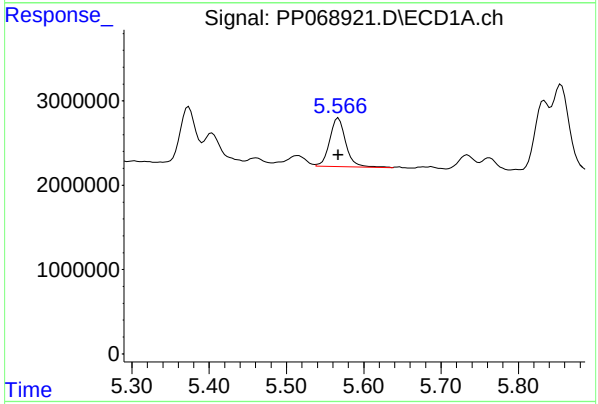
R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 14841168
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



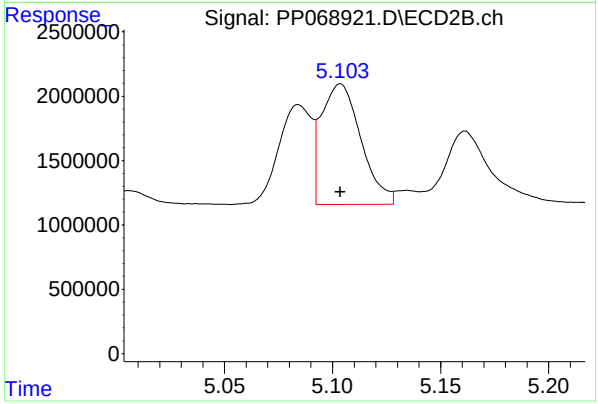
#11 AR-1232-1

R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 12315360
Conc: 500.00 ng/ml



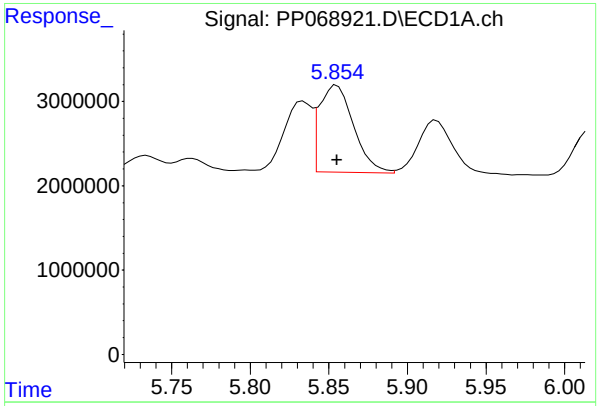
#12 AR-1232-2

R.T.: 5.567 min
Delta R.T.: 0.000 min
Response: 8404612
Conc: 500.00 ng/ml



#12 AR-1232-2

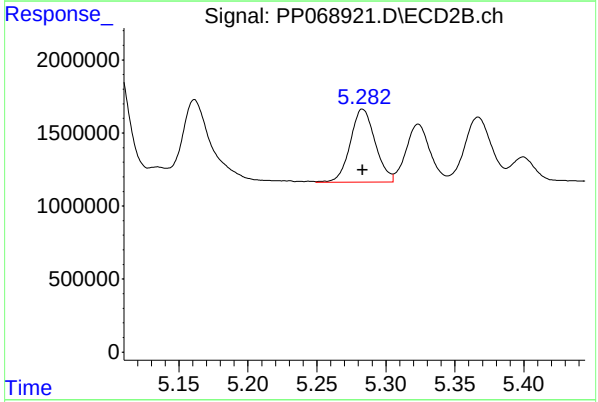
R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 11959335
Conc: 500.00 ng/ml



#13 AR-1232-3

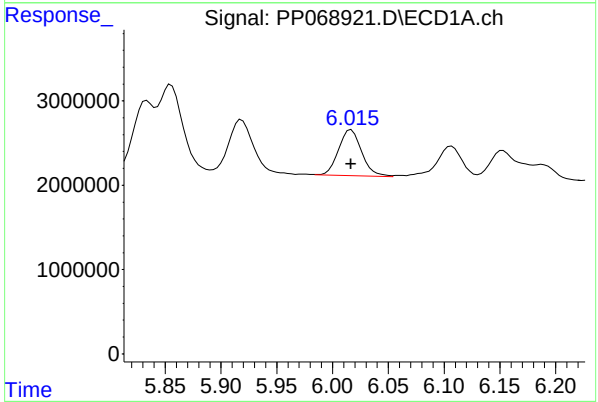
R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 15668569
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



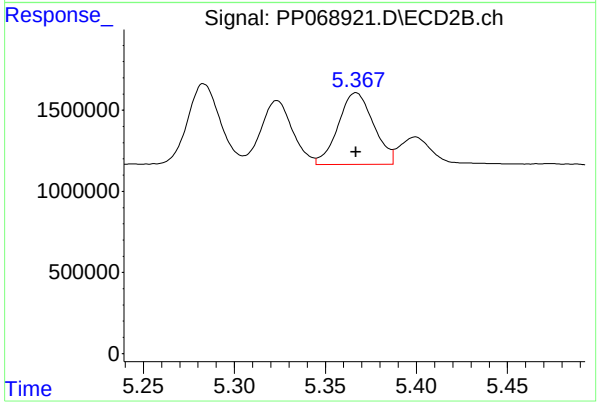
#13 AR-1232-3

R.T.: 5.283 min
Delta R.T.: 0.000 min
Response: 6280083
Conc: 500.00 ng/ml



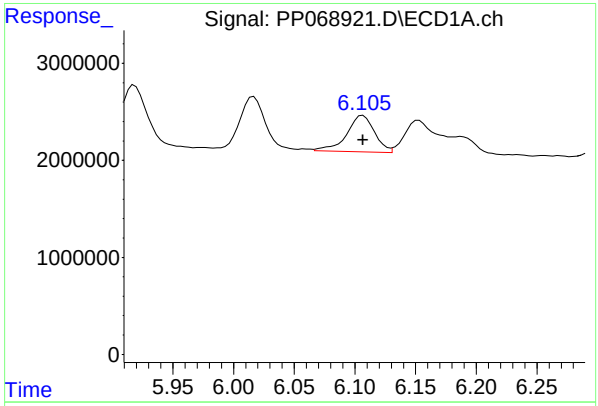
#14 AR-1232-4

R.T.: 6.017 min
Delta R.T.: 0.000 min
Response: 7821612
Conc: 500.00 ng/ml



#14 AR-1232-4

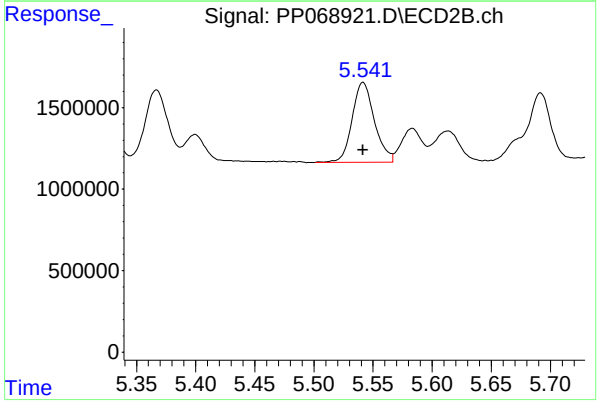
R.T.: 5.367 min
Delta R.T.: 0.000 min
Response: 5995978
Conc: 500.00 ng/ml



#15 AR-1232-5

R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 6022471
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



#15 AR-1232-5

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 6418092
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068922.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 21:51
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 10:47:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 10:44:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.672	3.984	139.5E6	95880912	97.437	96.931
2)	SA Decachlor...	10.525	9.112	105.8E6	106.5E6	95.601	95.672
	Target Compounds						
16)	L4 AR-1242-1	5.833	5.086	34530888	25904769	948.692	936.440
17)	L4 AR-1242-2	5.855	5.105	53812431	38827344	960.099	957.744
18)	L4 AR-1242-3	5.918	5.285	33081940	21506578	963.133	956.004
19)	L4 AR-1242-4	6.016	5.368	27124048	22209738	966.369	947.111
20)	L4 AR-1242-5	6.750	5.897	28568682	26270830	951.829	945.796

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

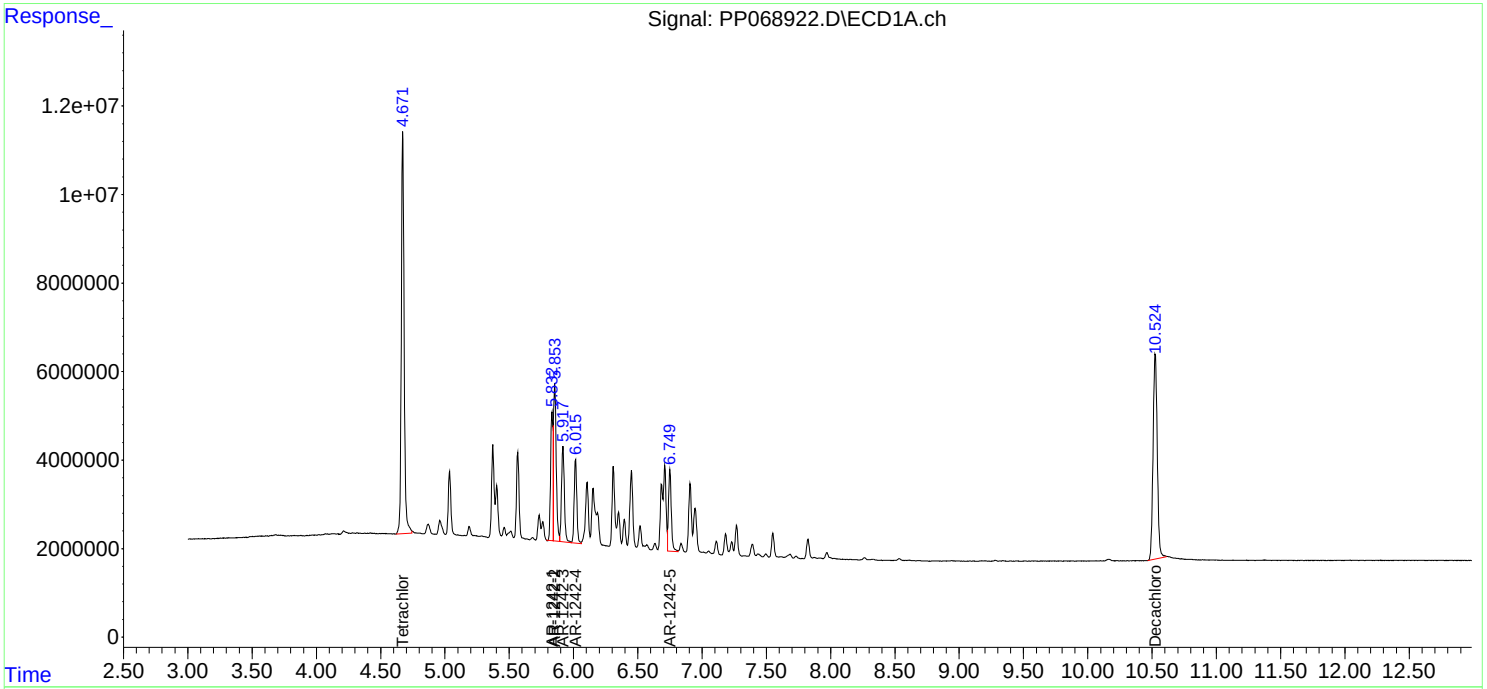
ICAL Form

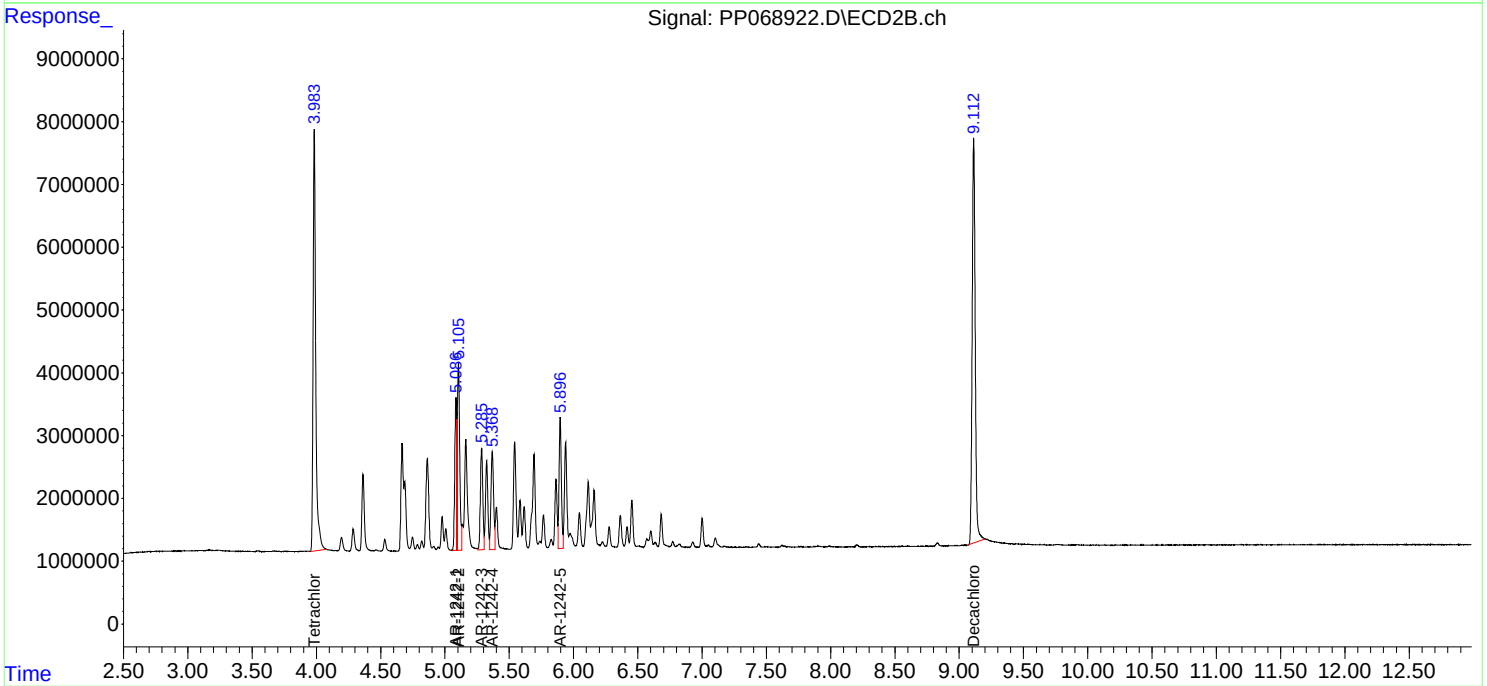
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068922.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 21:51
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

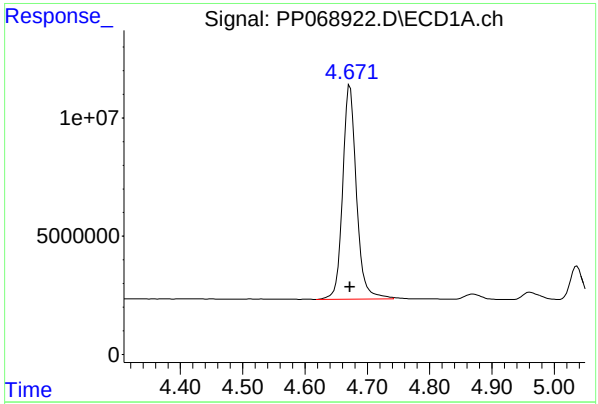
Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 10:47:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 10:44:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



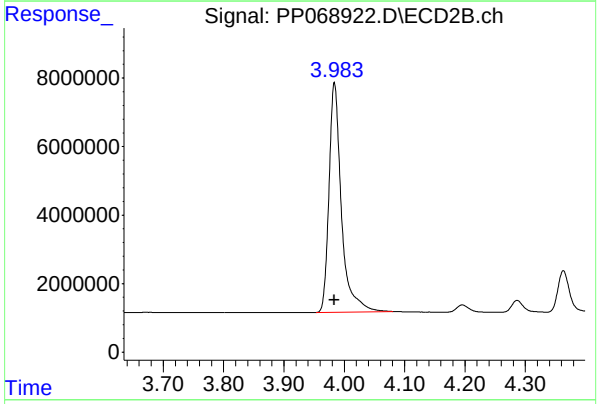




#1 Tetrachloro-m-xylene

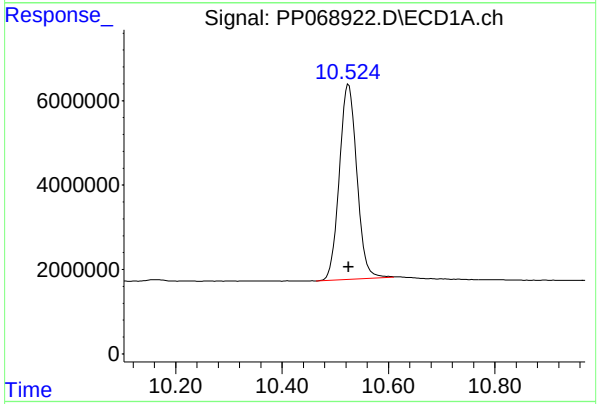
R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 139459029
Conc: 97.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



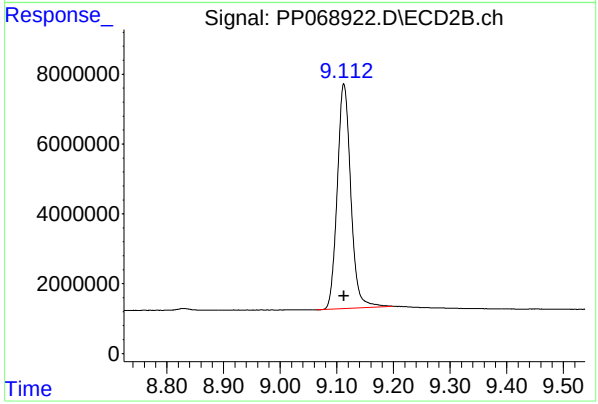
#1 Tetrachloro-m-xylene

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 95880912
Conc: 96.93 ng/ml



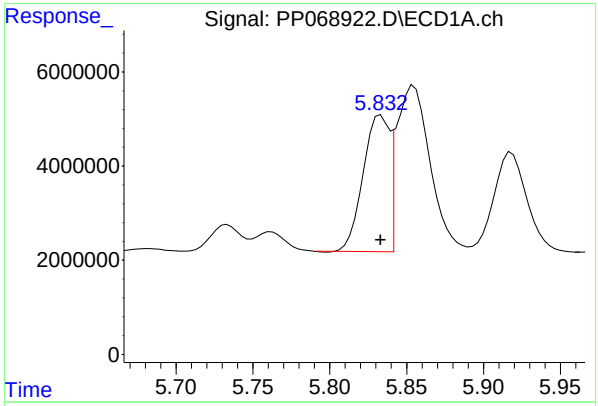
#2 Decachlorobiphenyl

R.T.: 10.525 min
Delta R.T.: 0.000 min
Response: 105785226
Conc: 95.60 ng/ml



#2 Decachlorobiphenyl

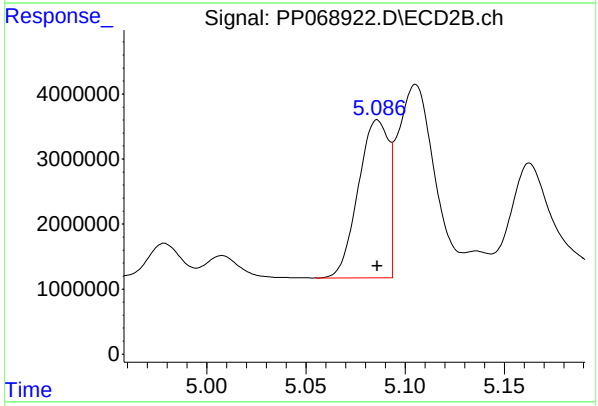
R.T.: 9.112 min
Delta R.T.: 0.000 min
Response: 106548903
Conc: 95.67 ng/ml



#16 AR-1242-1

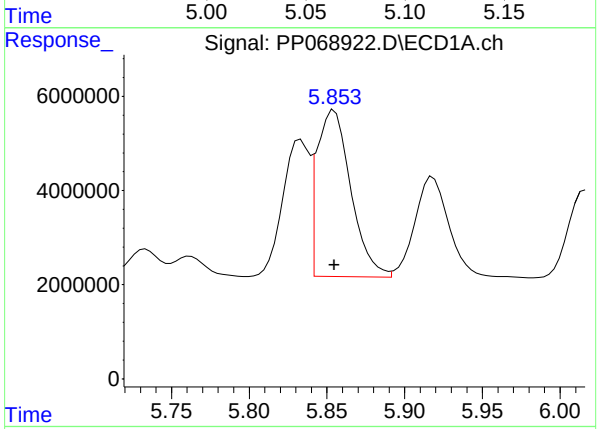
R.T.: 5.833 min
Delta R.T.: 0.000 min
Response: 34530888
Conc: 948.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



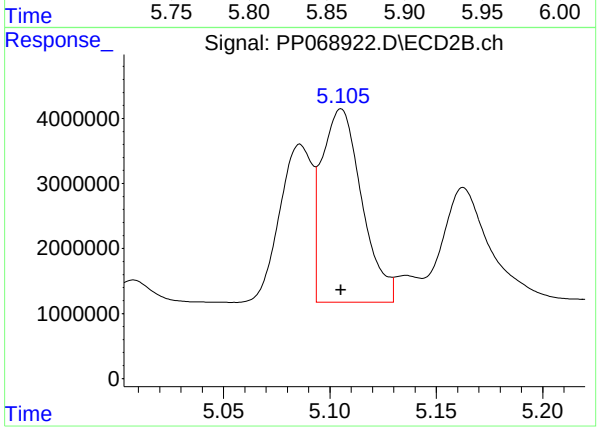
#16 AR-1242-1

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 25904769
Conc: 936.44 ng/ml



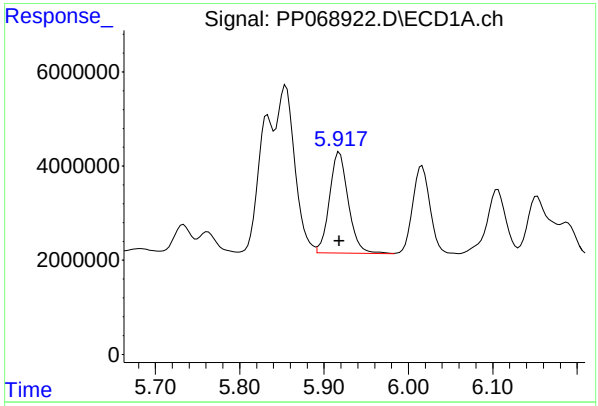
#17 AR-1242-2

R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 53812431
Conc: 960.10 ng/ml



#17 AR-1242-2

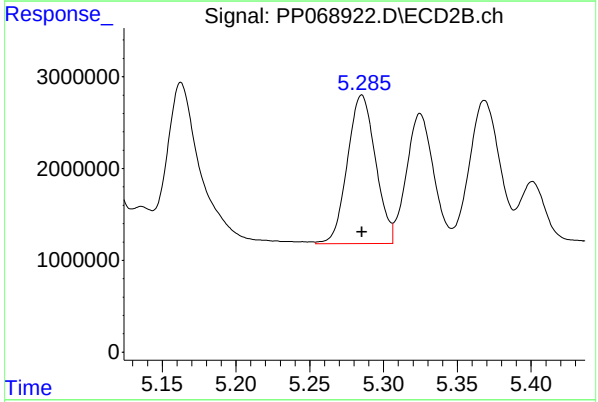
R.T.: 5.105 min
Delta R.T.: 0.000 min
Response: 38827344
Conc: 957.74 ng/ml



#18 AR-1242-3

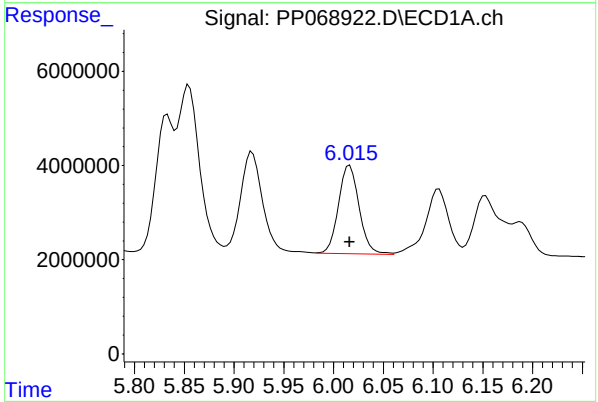
R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 33081940
Conc: 963.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



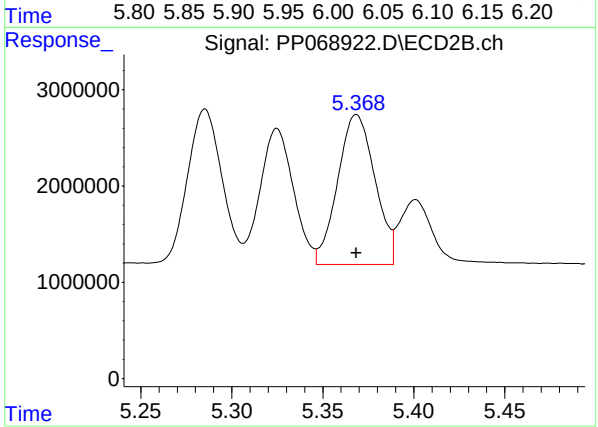
#18 AR-1242-3

R.T.: 5.285 min
Delta R.T.: 0.000 min
Response: 21506578
Conc: 956.00 ng/ml



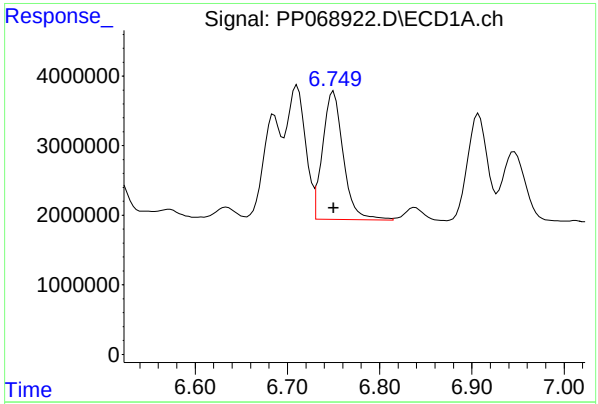
#19 AR-1242-4

R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 27124048
Conc: 966.37 ng/ml



#19 AR-1242-4

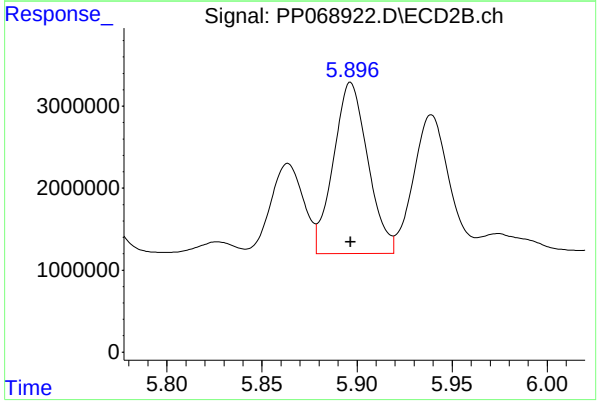
R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 22209738
Conc: 947.11 ng/ml



#20 AR-1242-5

R.T.: 6.750 min
Delta R.T.: 0.000 min
Response: 28568682
Conc: 951.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



#20 AR-1242-5

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 26270830
Conc: 945.80 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068923.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 22:07
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 10:51:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 10:50:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.673	3.983	108.6E6	75653909	75.564	75.982
2)	SA Decachlor...	10.524	9.111	82230685	90098285	74.541	78.833
	Target Compounds						
16)	L4 AR-1242-1	5.834	5.084	26876876	20770009	742.232	750.548
17)	L4 AR-1242-2	5.856	5.104	42773155	30485606	758.710	751.319
18)	L4 AR-1242-3	5.919	5.283	25976477	17002647	754.167	753.854
19)	L4 AR-1242-4	6.017	5.367	21415620	17619737	758.611	750.916
20)	L4 AR-1242-5	6.751	5.896	22699409	21121556	754.176	756.910

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

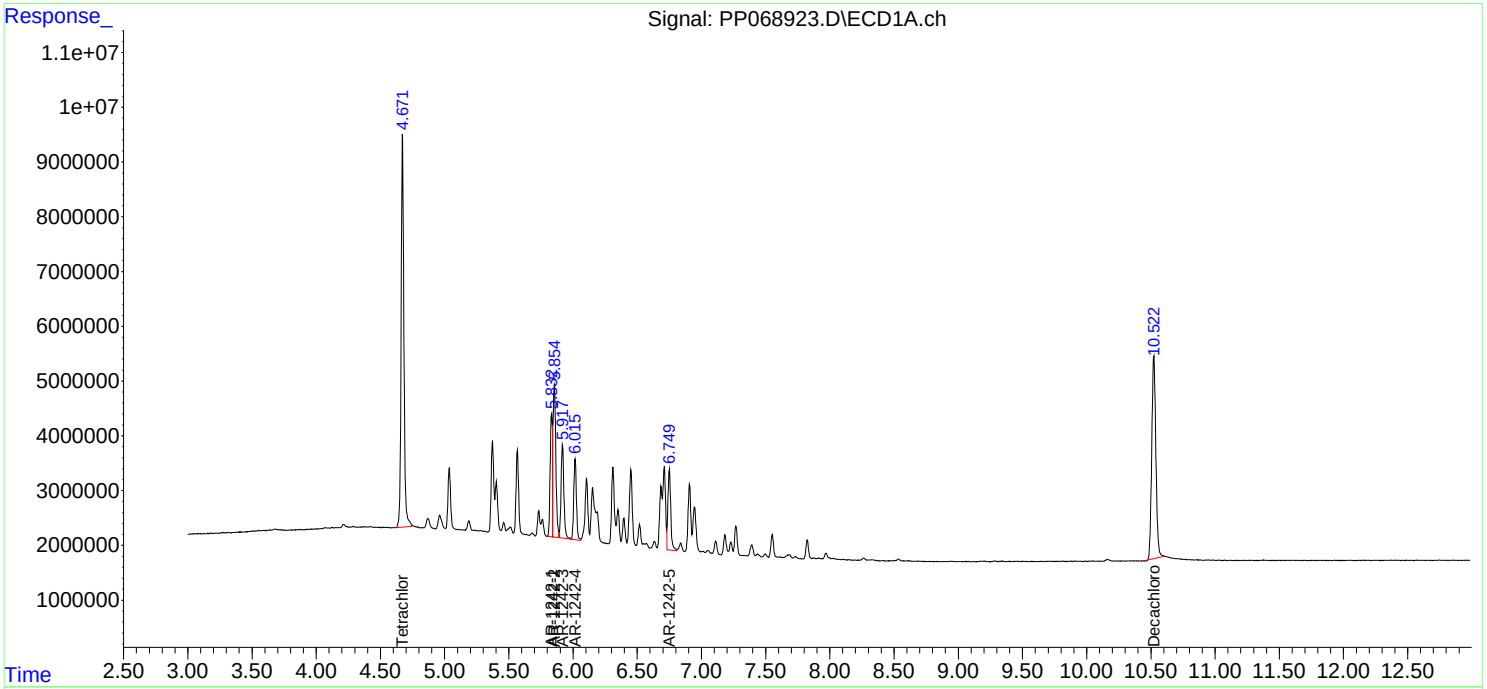
ICAL Form

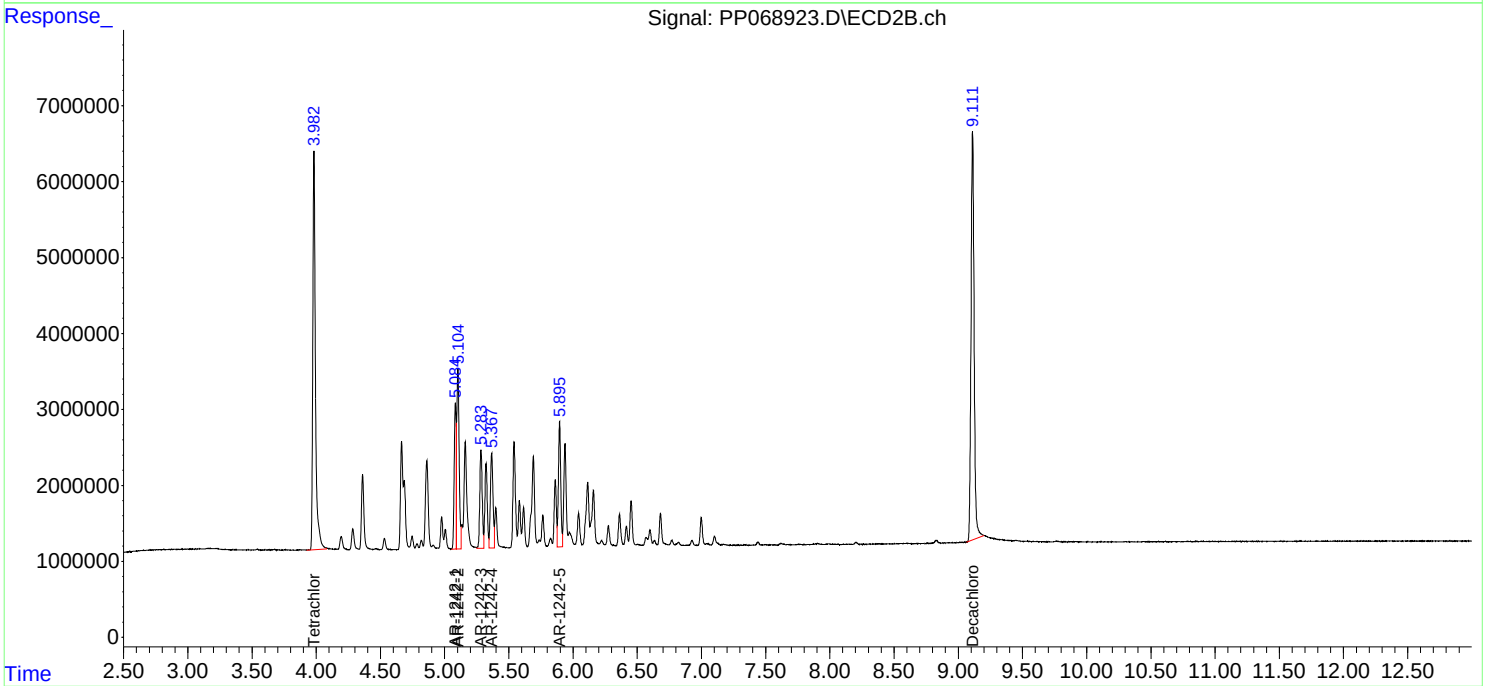
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068923.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 22:07
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

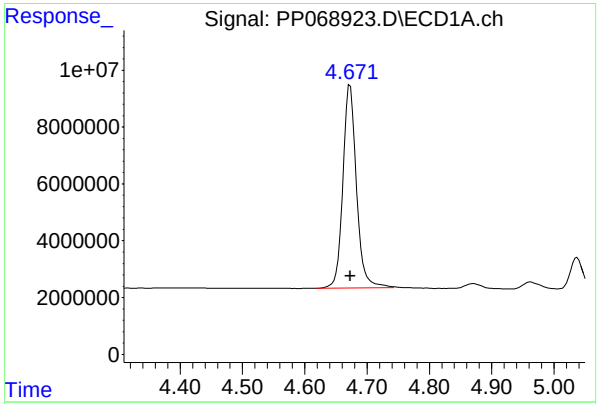
Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 10:51:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 10:50:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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



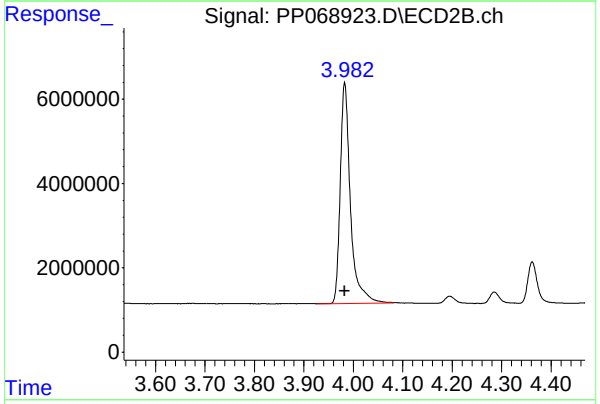




#1 Tetrachloro-m-xylene

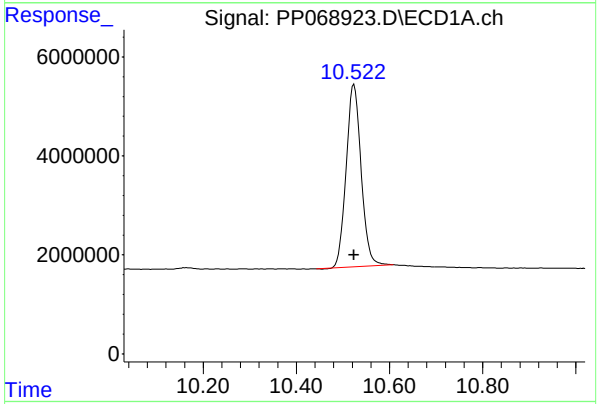
R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 108561875
Conc: 75.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



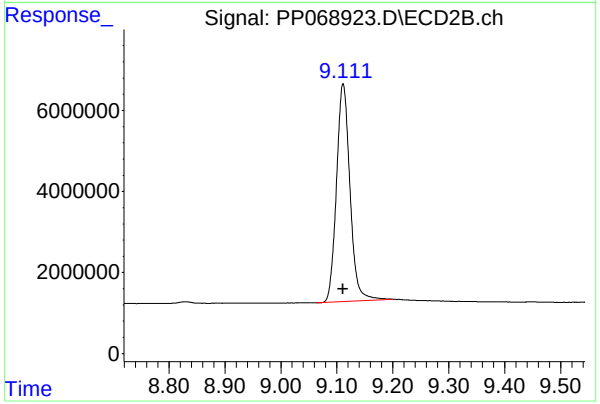
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 75653909
Conc: 75.98 ng/ml



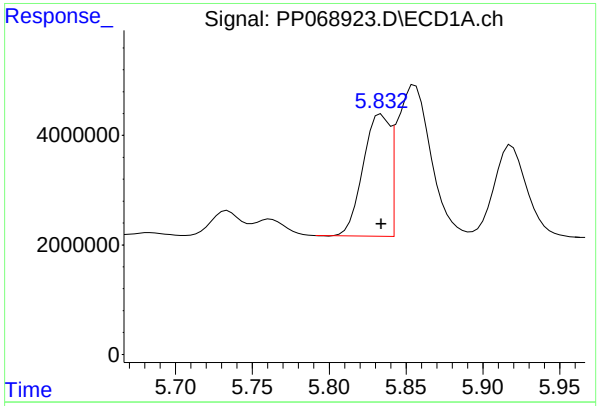
#2 Decachlorobiphenyl

R.T.: 10.524 min
Delta R.T.: 0.000 min
Response: 82230685
Conc: 74.54 ng/ml



#2 Decachlorobiphenyl

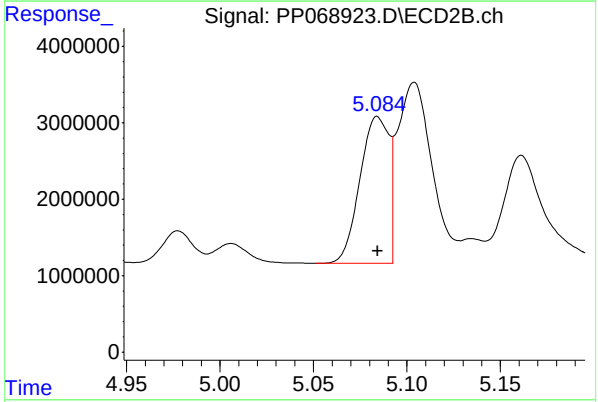
R.T.: 9.111 min
Delta R.T.: 0.000 min
Response: 90098285
Conc: 78.83 ng/ml



#16 AR-1242-1

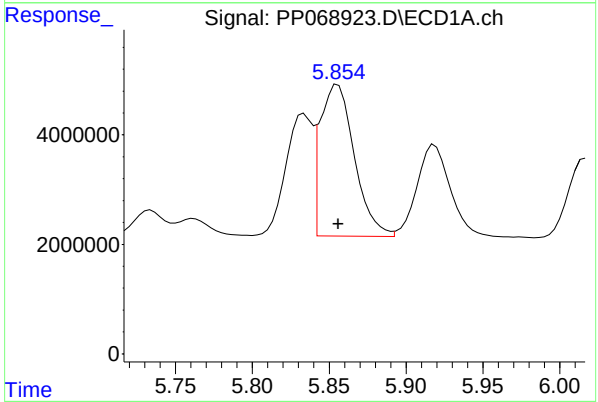
R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 26876876
Conc: 742.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



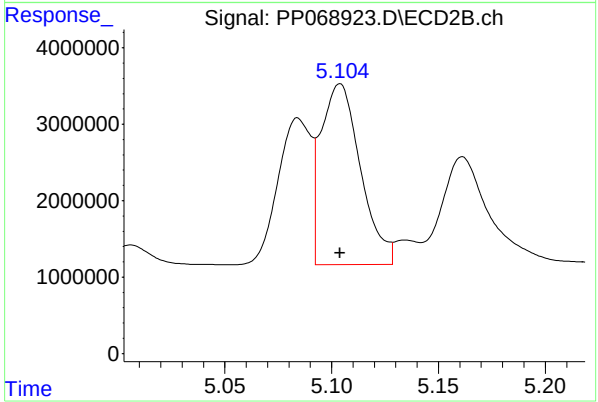
#16 AR-1242-1

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 20770009
Conc: 750.55 ng/ml



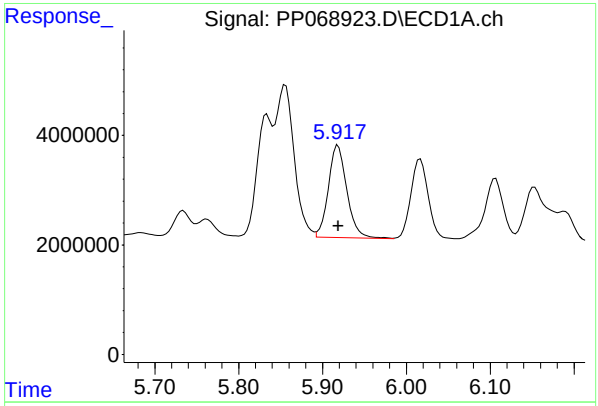
#17 AR-1242-2

R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 42773155
Conc: 758.71 ng/ml



#17 AR-1242-2

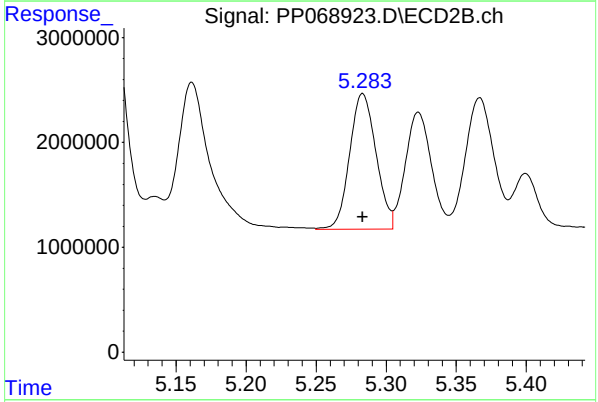
R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 30485606
Conc: 751.32 ng/ml



#18 AR-1242-3

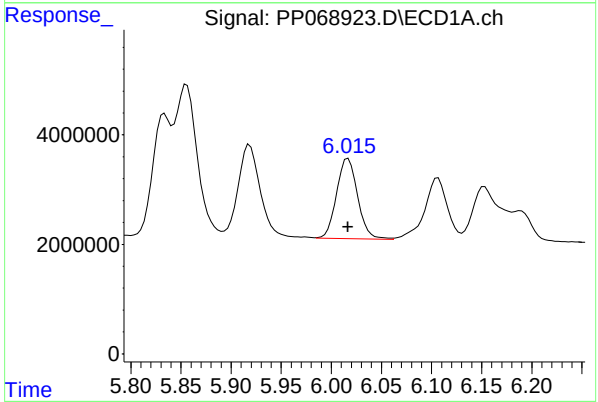
R.T.: 5.919 min
Delta R.T.: 0.000 min
Response: 25976477
Conc: 754.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



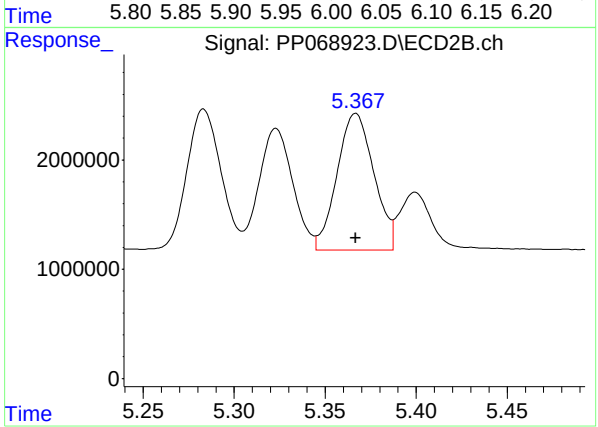
#18 AR-1242-3

R.T.: 5.283 min
Delta R.T.: 0.000 min
Response: 17002647
Conc: 753.85 ng/ml



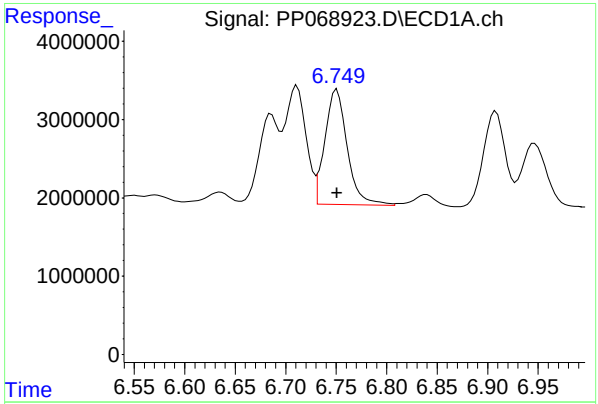
#19 AR-1242-4

R.T.: 6.017 min
Delta R.T.: 0.000 min
Response: 21415620
Conc: 758.61 ng/ml



#19 AR-1242-4

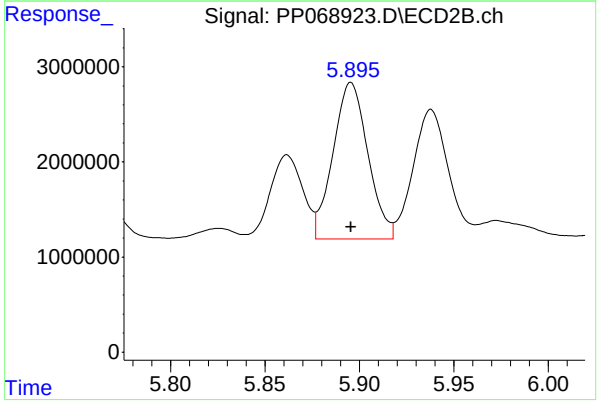
R.T.: 5.367 min
Delta R.T.: 0.000 min
Response: 17619737
Conc: 750.92 ng/ml



#20 AR-1242-5

R.T.: 6.751 min
Delta R.T.: 0.000 min
Response: 22699409
Conc: 754.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



#20 AR-1242-5

R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 21121556
Conc: 756.91 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068924.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 22:24
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 10:45:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 10:44:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.673	3.983	73398222	50976357	50.000	50.000
2)	SA Decachlor...	10.525	9.112	57760515	58094858	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	5.834	5.084	19132993	14710650	500.000	500.000
17)	L4 AR-1242-2	5.855	5.104	29142640	21126749	500.000	500.000
18)	L4 AR-1242-3	5.919	5.284	17807278	11743047	500.000	500.000
19)	L4 AR-1242-4	6.017	5.367	14505985	12345115	500.000	500.000
20)	L4 AR-1242-5	6.751	5.896	15730164	14641014	500.000	500.000

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

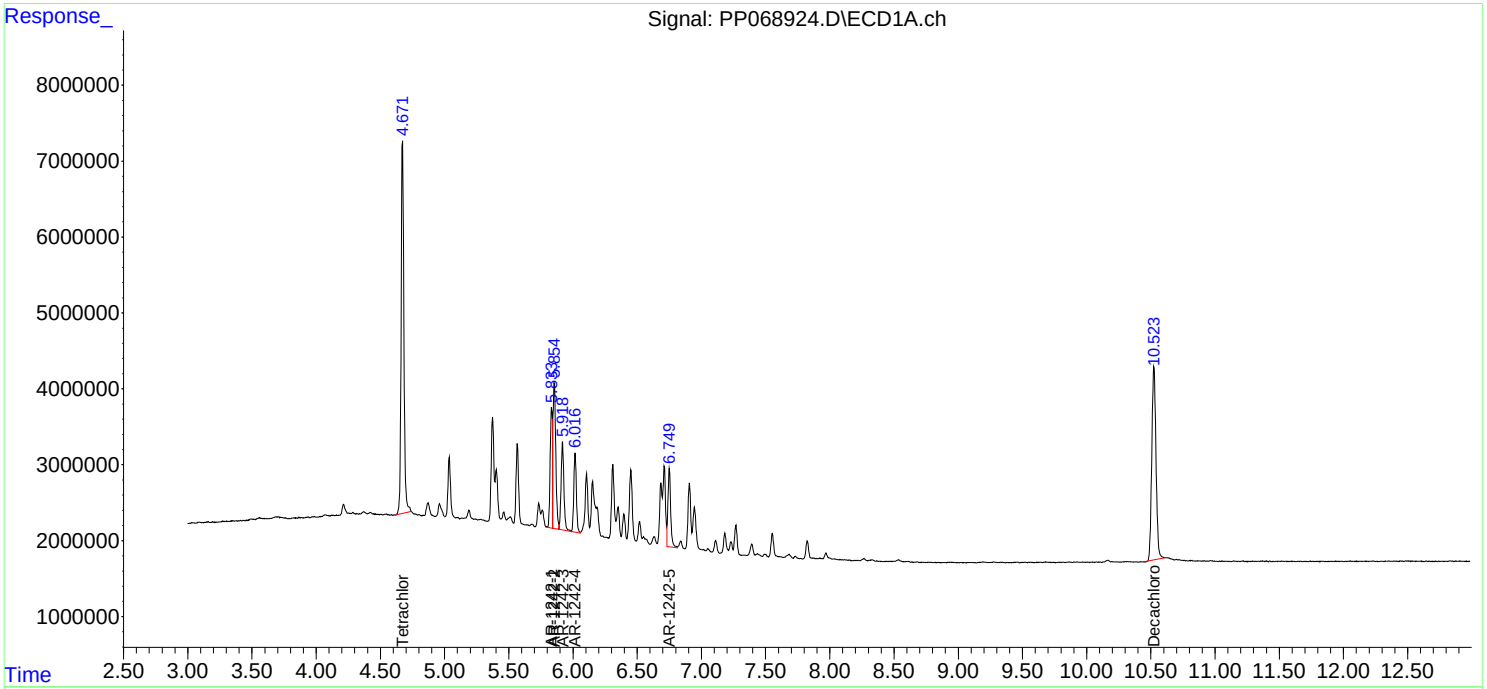
ICAL Form

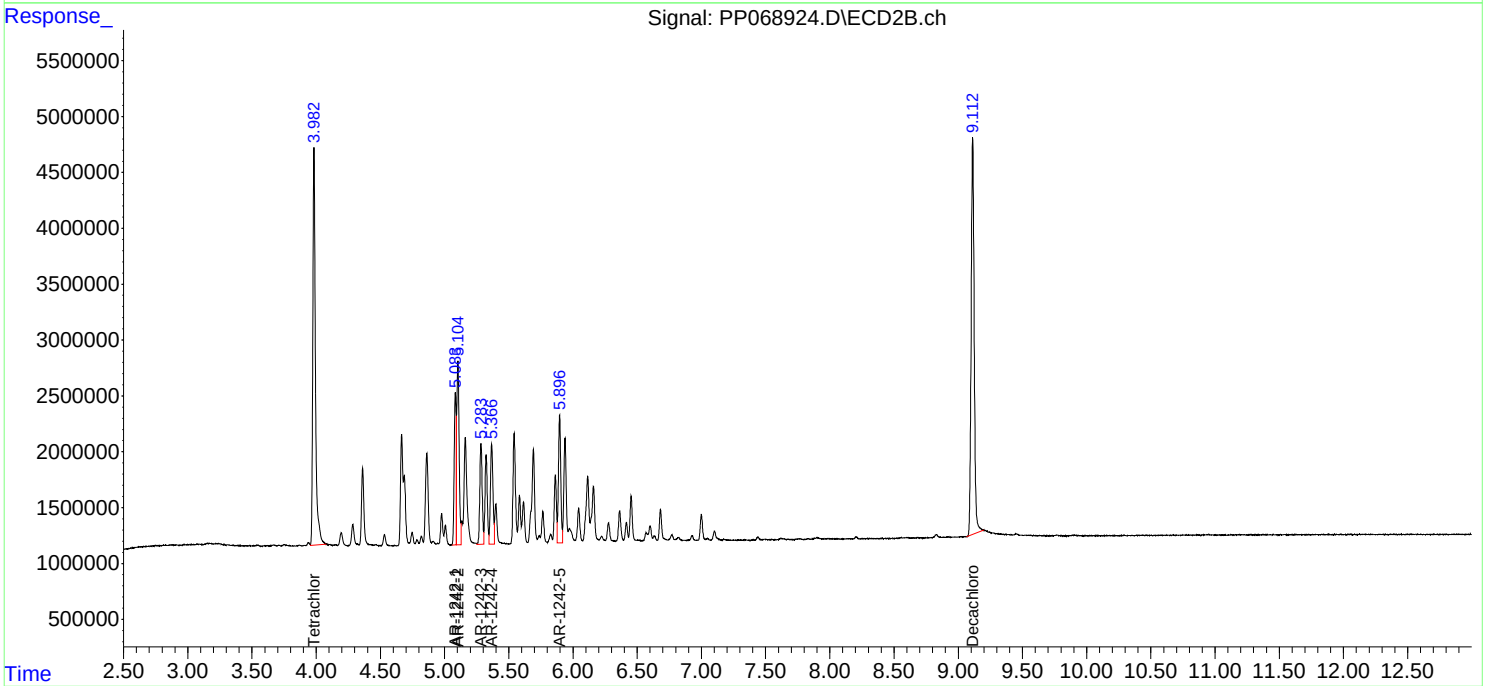
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068924.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 22:24
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

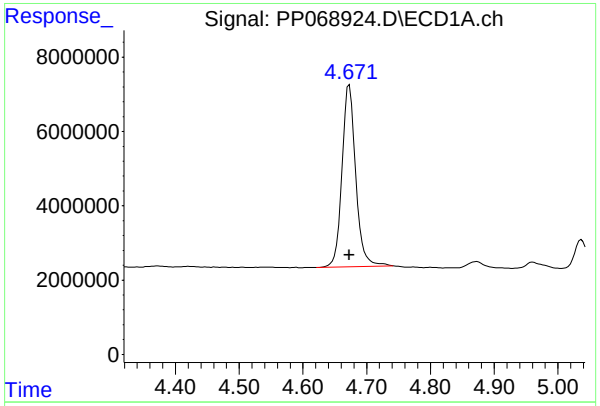
Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 10:45:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 10:44:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



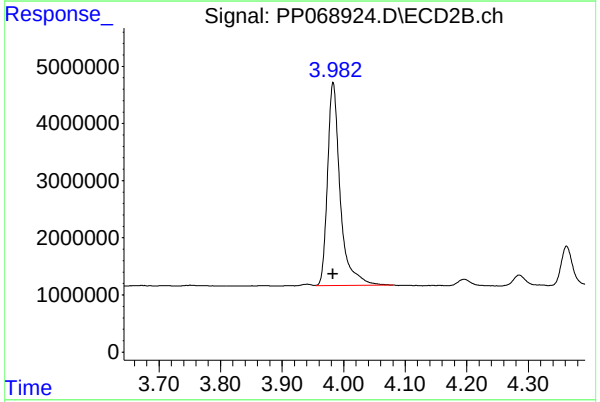




#1 Tetrachloro-m-xylene

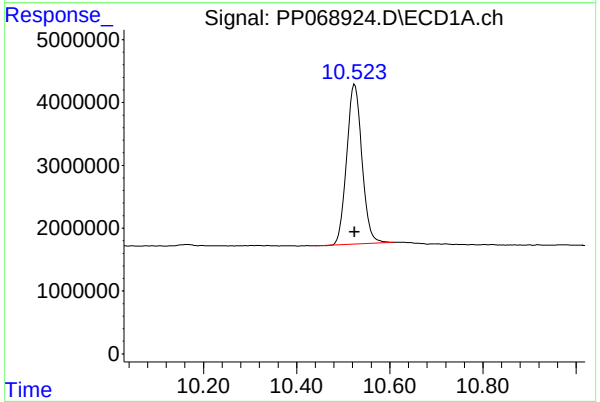
R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 73398222
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



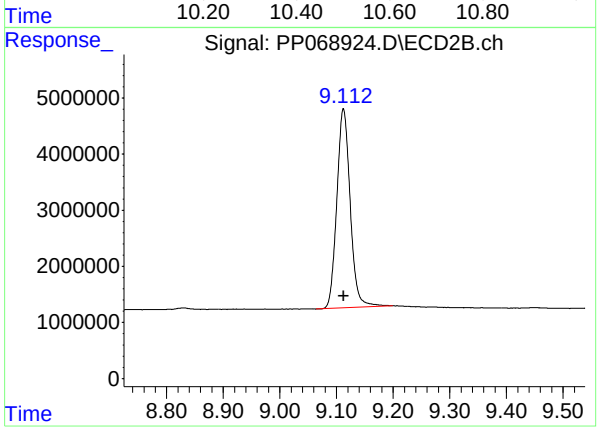
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 50976357
Conc: 50.00 ng/ml



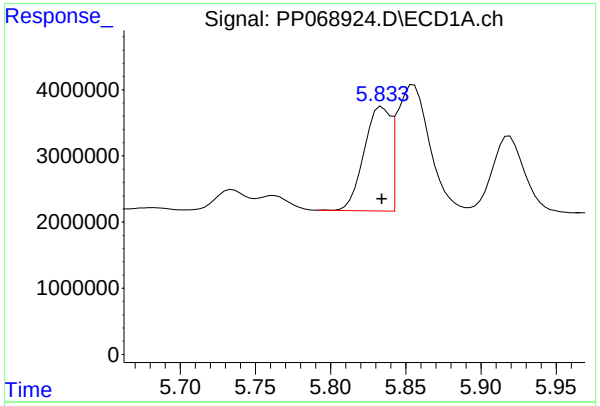
#2 Decachlorobiphenyl

R.T.: 10.525 min
Delta R.T.: 0.000 min
Response: 57760515
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

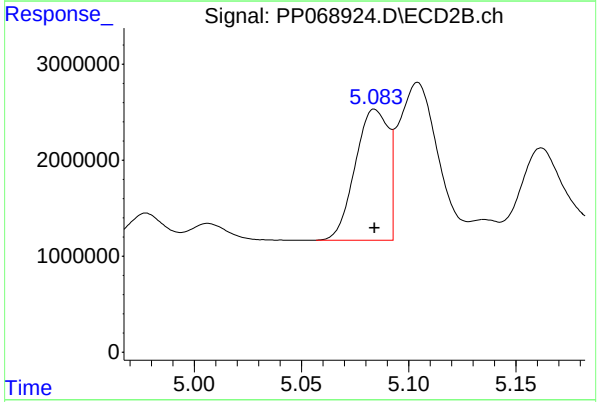
R.T.: 9.112 min
Delta R.T.: 0.000 min
Response: 58094858
Conc: 50.00 ng/ml



#16 AR-1242-1

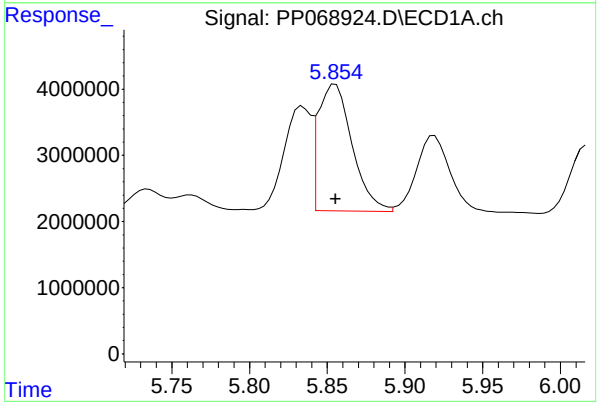
R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 19132993
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



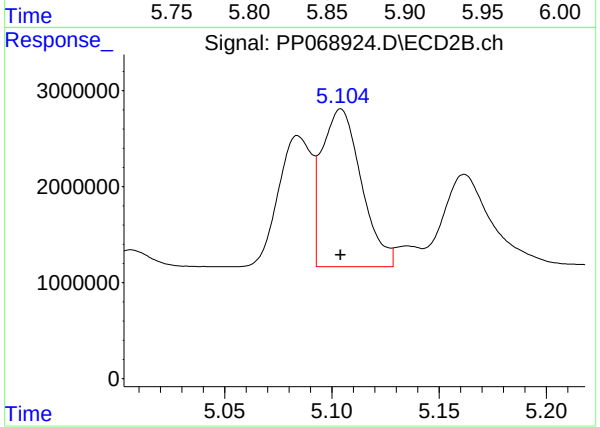
#16 AR-1242-1

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 14710650
Conc: 500.00 ng/ml



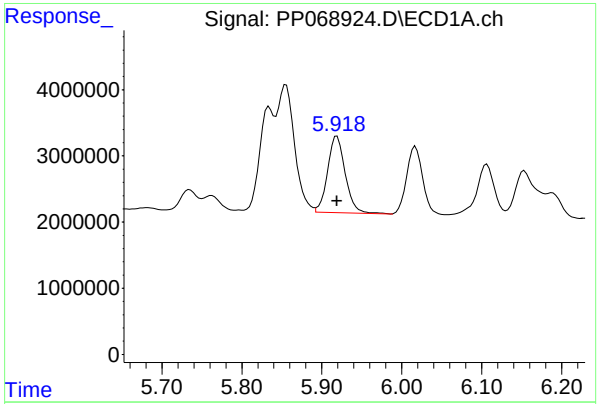
#17 AR-1242-2

R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 29142640
Conc: 500.00 ng/ml



#17 AR-1242-2

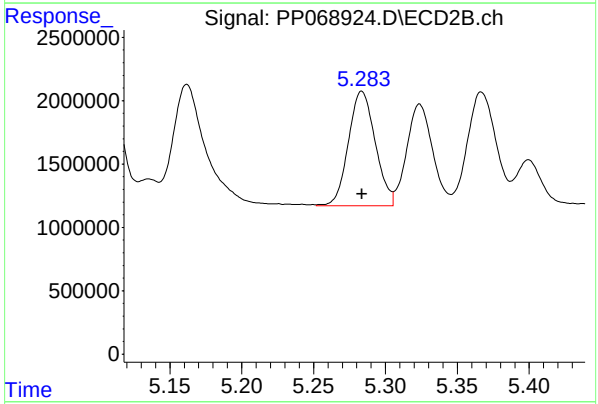
R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 21126749
Conc: 500.00 ng/ml



#18 AR-1242-3

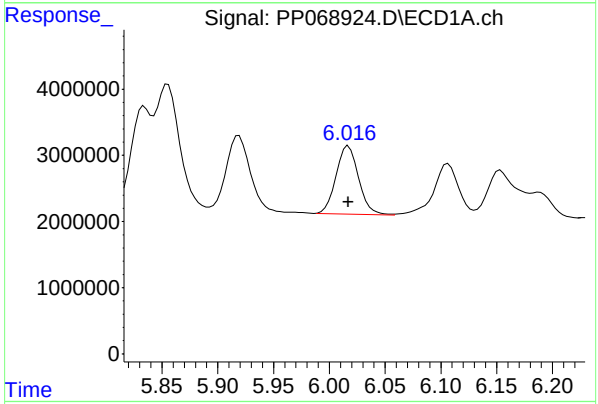
R.T.: 5.919 min
Delta R.T.: 0.000 min
Response: 17807278
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



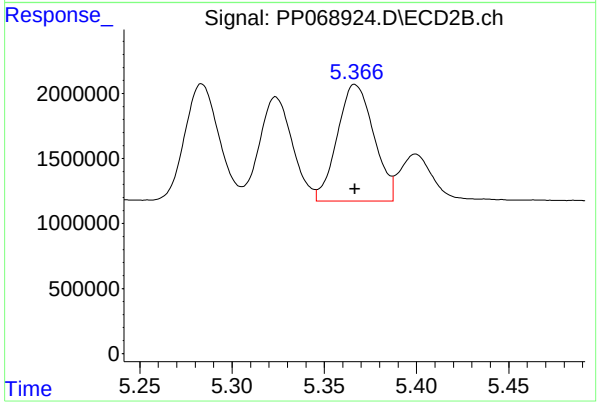
#18 AR-1242-3

R.T.: 5.284 min
Delta R.T.: 0.000 min
Response: 11743047
Conc: 500.00 ng/ml



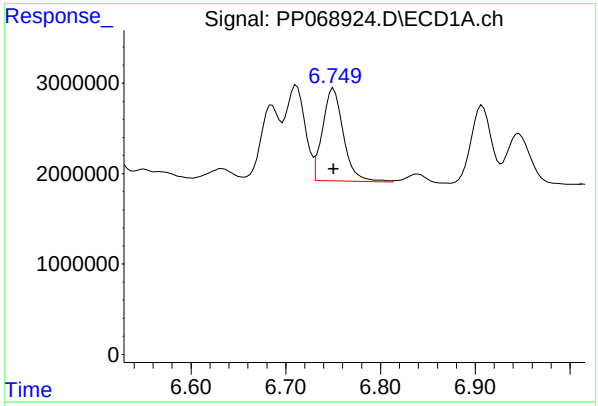
#19 AR-1242-4

R.T.: 6.017 min
Delta R.T.: 0.000 min
Response: 14505985
Conc: 500.00 ng/ml



#19 AR-1242-4

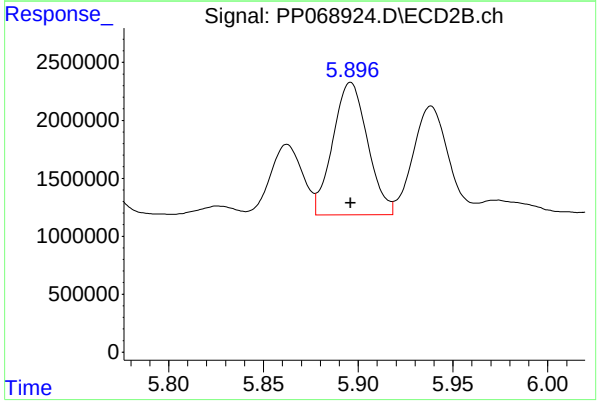
R.T.: 5.367 min
Delta R.T.: 0.000 min
Response: 12345115
Conc: 500.00 ng/ml



#20 AR-1242-5

R.T.: 6.751 min
Delta R.T.: 0.000 min
Response: 15730164
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



#20 AR-1242-5

R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 14641014
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068925.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 22:40
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 10:53:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 10:53:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.673	3.983	38748606	26862031	26.450	26.455
2)	SA Decachlor...	10.525	9.111	31164692	32201952	27.361	27.308
	Target Compounds						
16)	L4 AR-1242-1	5.835	5.085	9922002	7913679	267.582	276.041
17)	L4 AR-1242-2	5.856	5.104	15178283	11391184	264.152	272.365
18)	L4 AR-1242-3	5.920	5.284	9148480	6072135	261.524	264.145
19)	L4 AR-1242-4	6.017	5.368	7633794	6421018	265.004	267.328
20)	L4 AR-1242-5	6.752	5.896	8518390	7628950	273.973	267.142

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

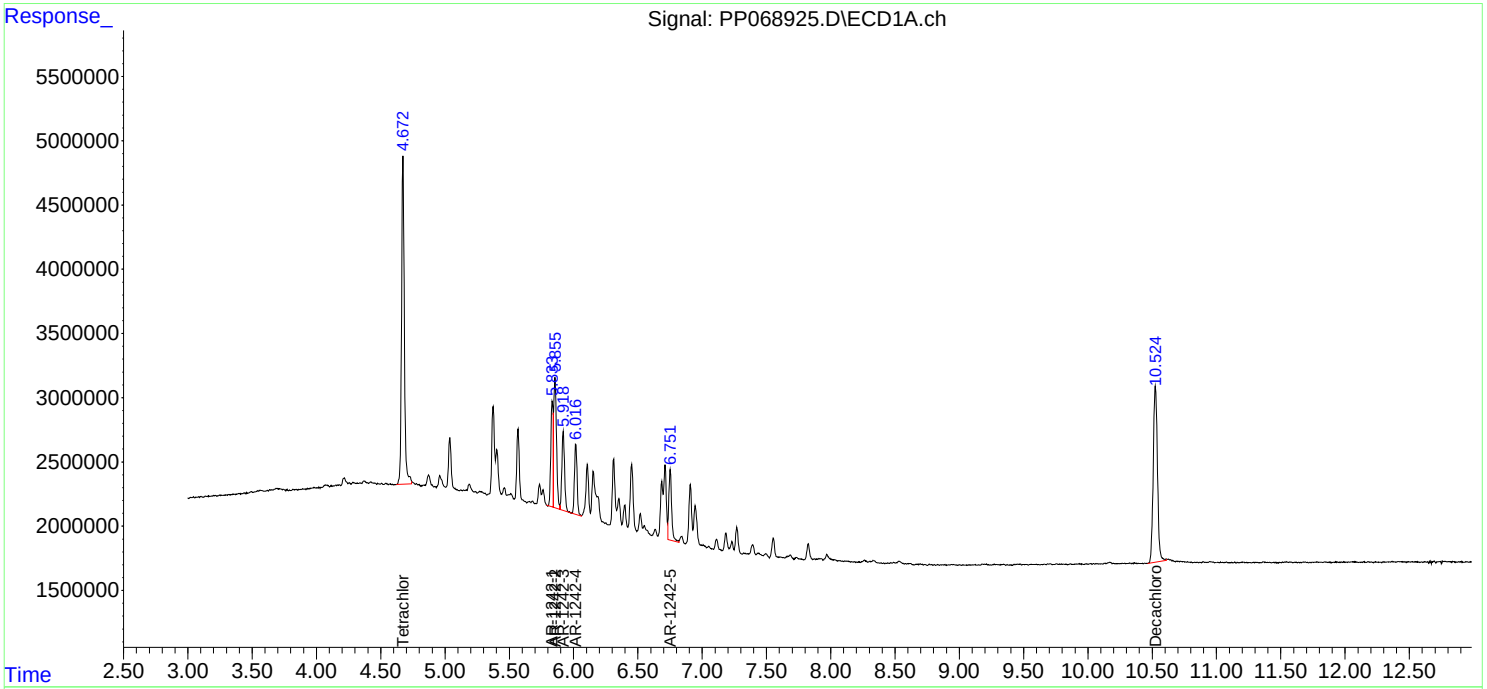
ICAL Form

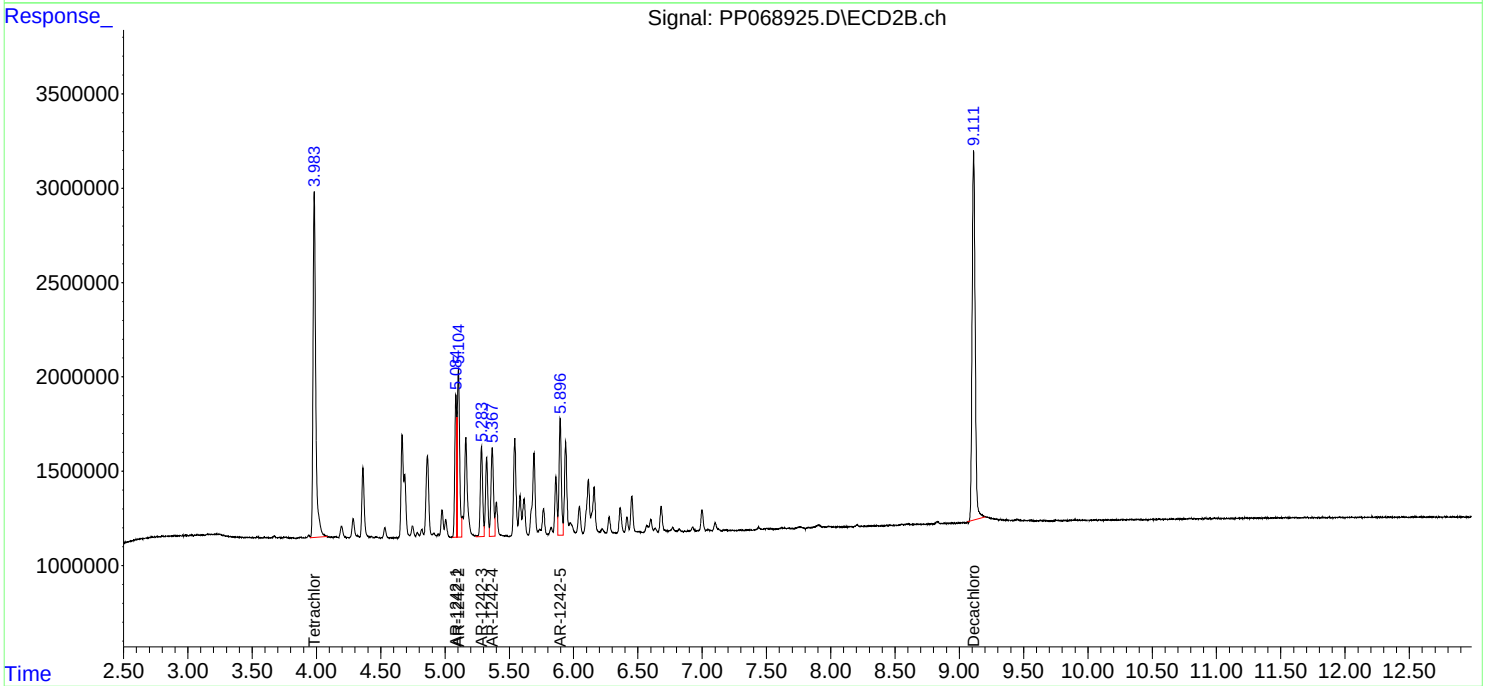
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068925.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 22:40
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

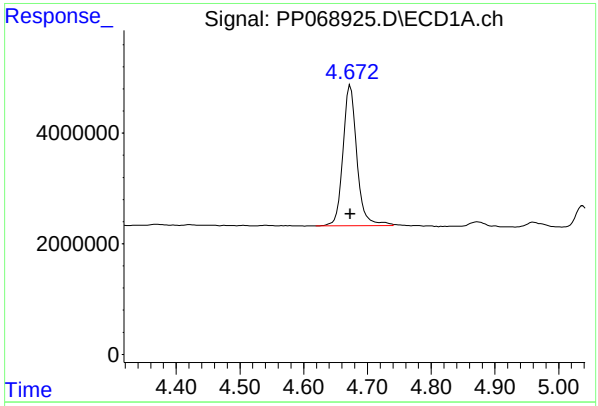
Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 10:53:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 10:53:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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



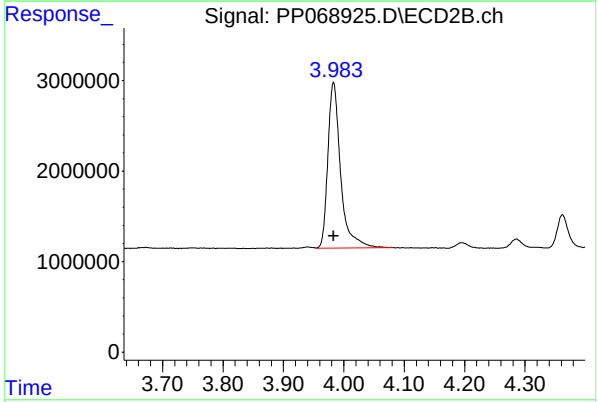




#1 Tetrachloro-m-xylene

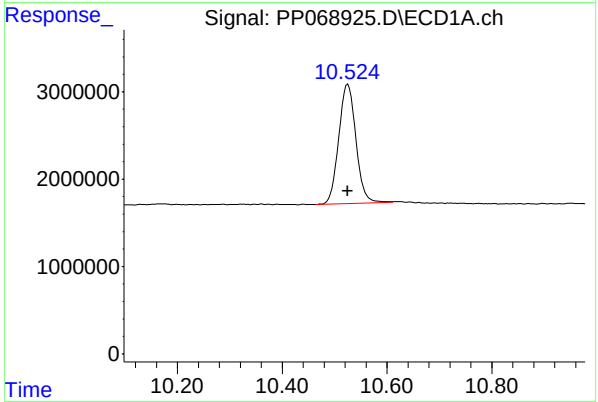
R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 38748606
Conc: 26.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



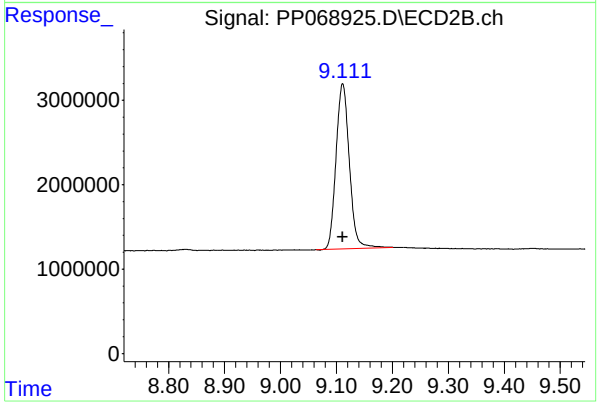
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 26862031
Conc: 26.46 ng/ml



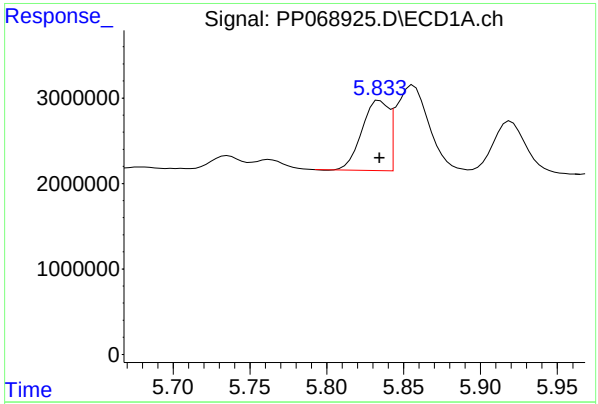
#2 Decachlorobiphenyl

R.T.: 10.525 min
Delta R.T.: 0.000 min
Response: 31164692
Conc: 27.36 ng/ml



#2 Decachlorobiphenyl

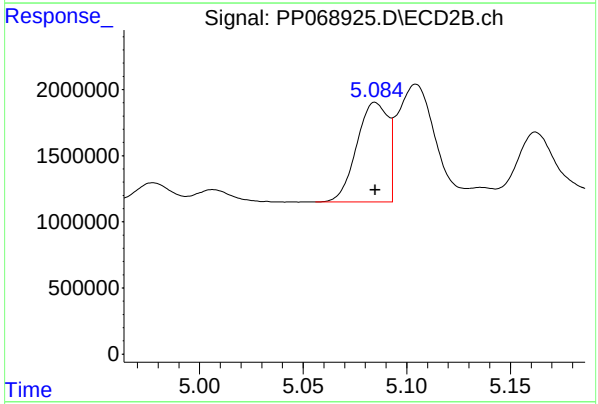
R.T.: 9.111 min
Delta R.T.: 0.000 min
Response: 32201952
Conc: 27.31 ng/ml



#16 AR-1242-1

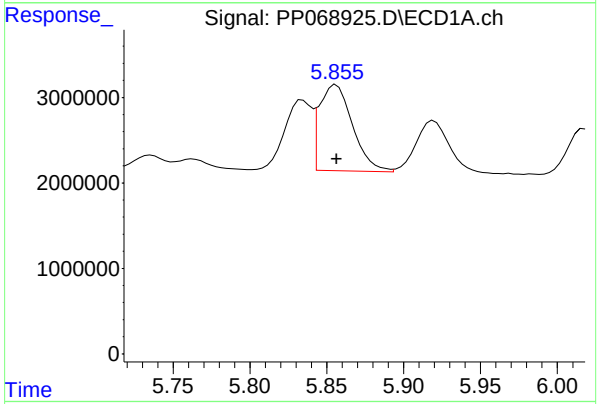
R.T.: 5.835 min
Delta R.T.: 0.000 min
Response: 9922002
Conc: 267.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



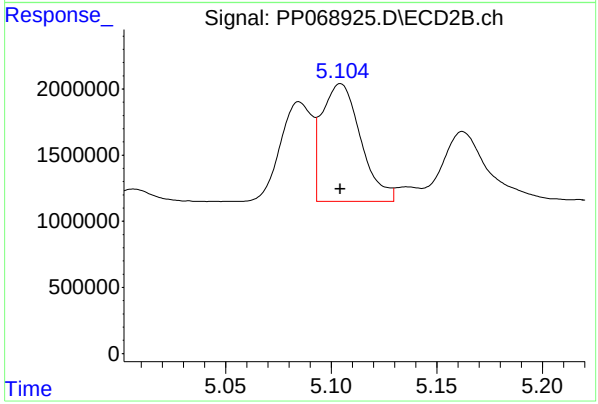
#16 AR-1242-1

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 7913679
Conc: 276.04 ng/ml



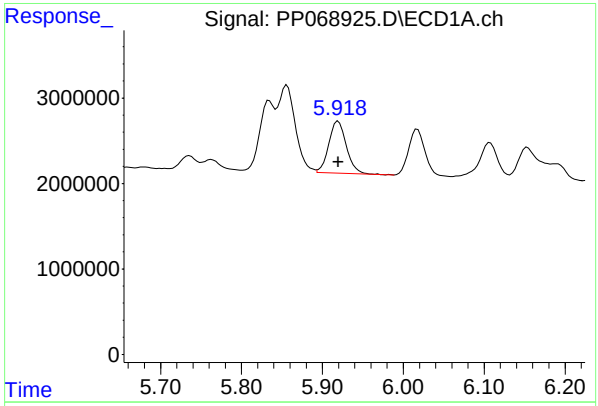
#17 AR-1242-2

R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 15178283
Conc: 264.15 ng/ml



#17 AR-1242-2

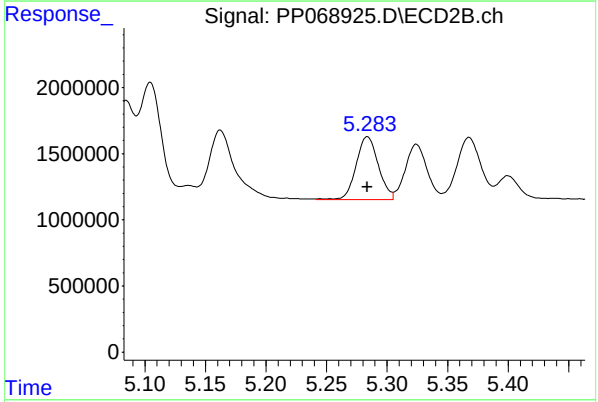
R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 11391184
Conc: 272.36 ng/ml



#18 AR-1242-3

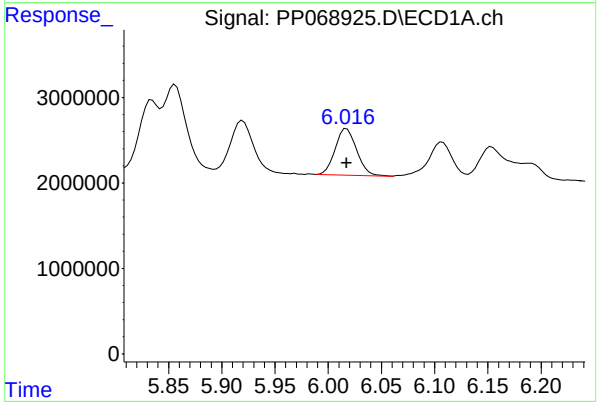
R.T.: 5.920 min
Delta R.T.: 0.000 min
Response: 9148480
Conc: 261.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



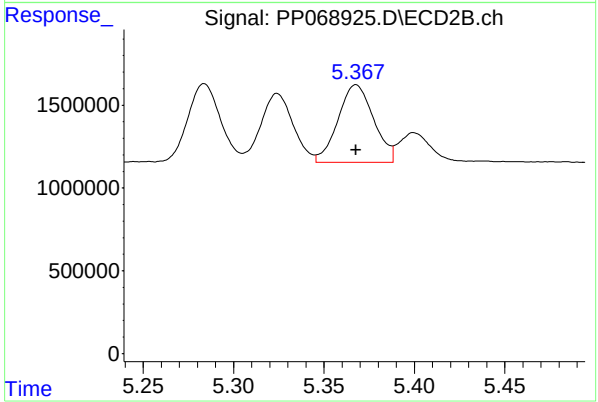
#18 AR-1242-3

R.T.: 5.284 min
Delta R.T.: 0.000 min
Response: 6072135
Conc: 264.15 ng/ml



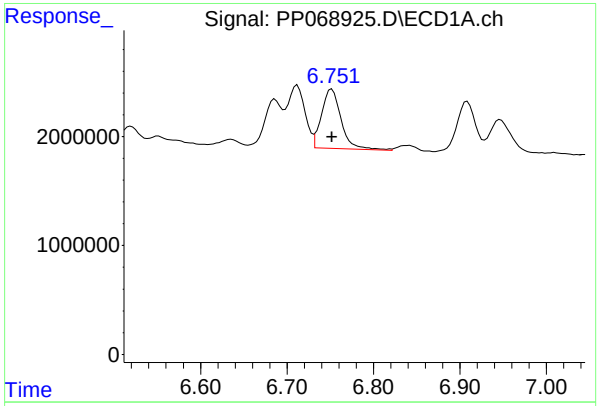
#19 AR-1242-4

R.T.: 6.017 min
Delta R.T.: 0.000 min
Response: 7633794
Conc: 265.00 ng/ml



#19 AR-1242-4

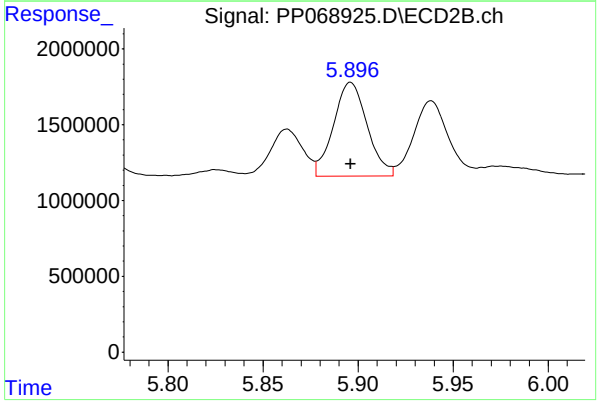
R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 6421018
Conc: 267.33 ng/ml



#20 AR-1242-5

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 8518390
Conc: 273.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



#20 AR-1242-5

R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 7628950
Conc: 267.14 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068926.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 22:56
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 10:56:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 10:55:58 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.672	3.982	6909178	4951295	4.770	4.901
2)	SA Decachlor...	10.525	9.111	5991083	6845788	5.206	5.624
	Target Compounds						
16)	L4 AR-1242-1	5.835	5.085	1849348	1603069	49.899	54.624
17)	L4 AR-1242-2	5.855	5.104	2849517	2160945	49.672	51.326
18)	L4 AR-1242-3	5.920	5.284	1604936	1219235	46.648	52.401
19)	L4 AR-1242-4	6.017	5.368	1427691	1288302	49.649	52.867
20)	L4 AR-1242-5	6.750	5.896	1627421	1546847	51.856	53.278

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

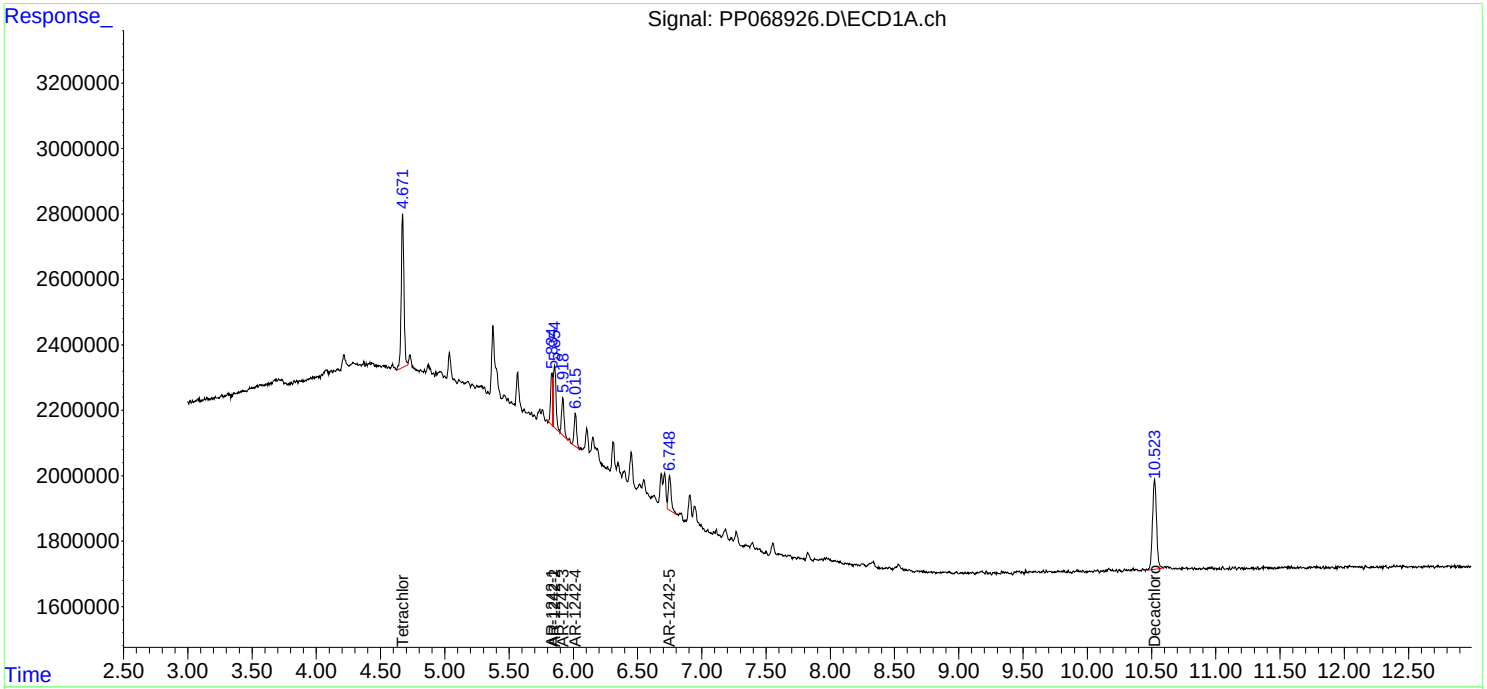
ICAL Form

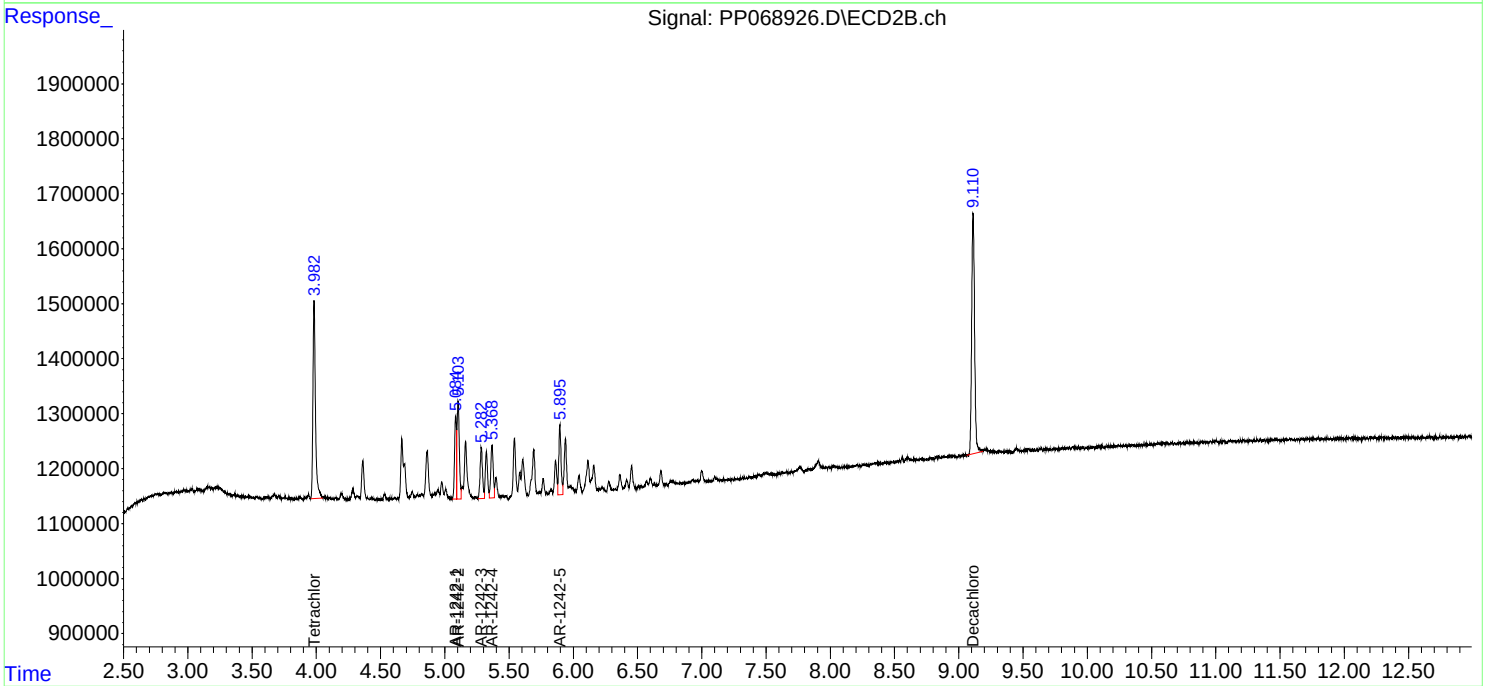
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068926.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 22:56
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

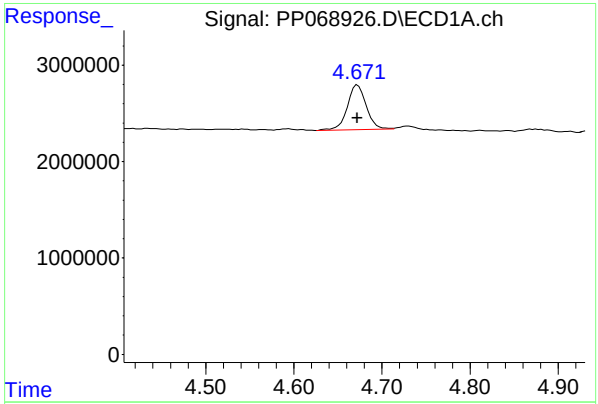
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 10:56:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 10:55:58 2025
Response via : Initial Calibration
Integrator: ChemStation

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



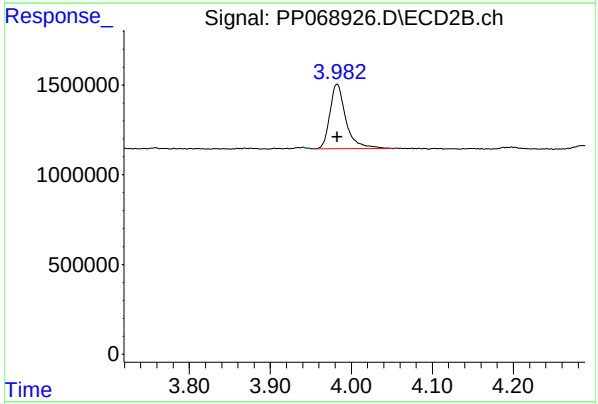




#1 Tetrachloro-m-xylene

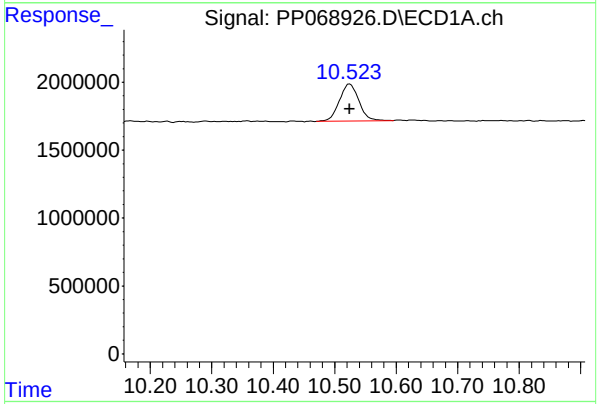
R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 6909178
Conc: 4.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



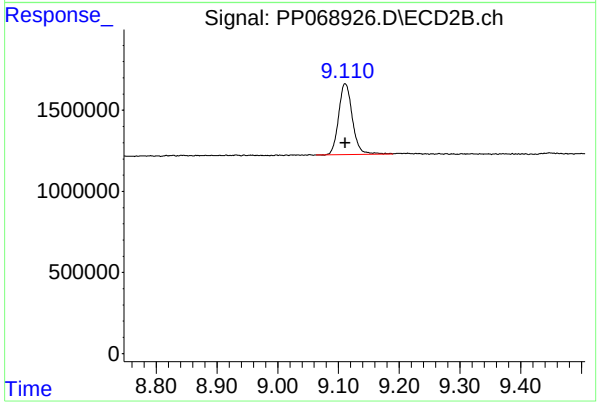
#1 Tetrachloro-m-xylene

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 4951295
Conc: 4.90 ng/ml



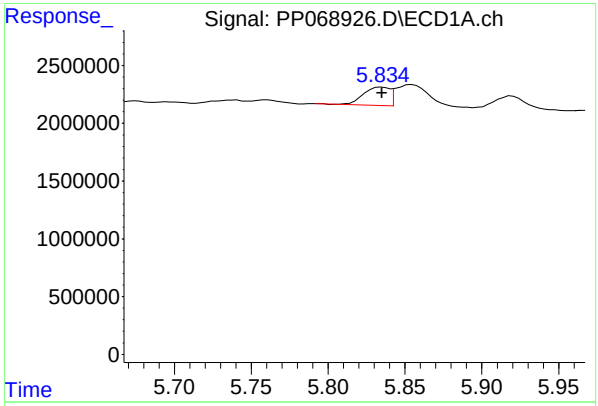
#2 Decachlorobiphenyl

R.T.: 10.525 min
Delta R.T.: 0.000 min
Response: 5991083
Conc: 5.21 ng/ml



#2 Decachlorobiphenyl

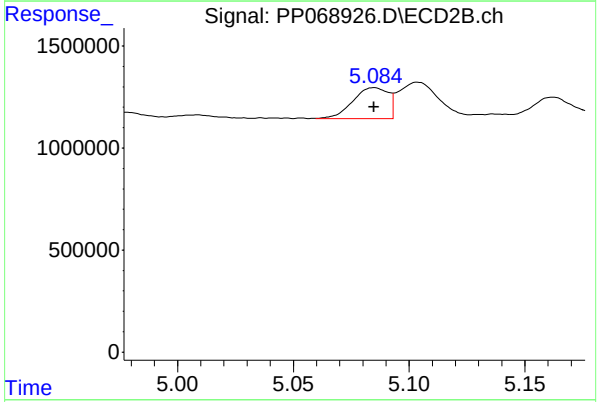
R.T.: 9.111 min
Delta R.T.: 0.000 min
Response: 6845788
Conc: 5.62 ng/ml



#16 AR-1242-1

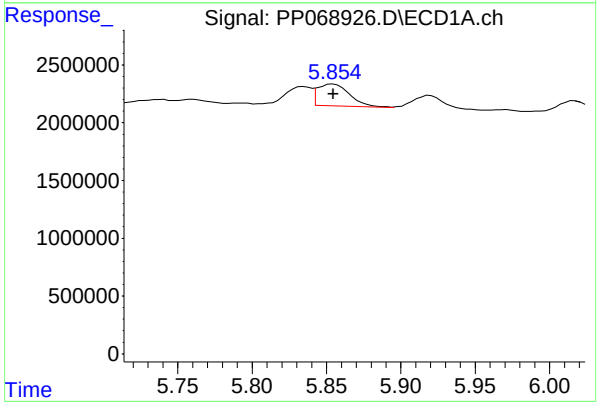
R.T.: 5.835 min
Delta R.T.: 0.000 min
Response: 1849348
Conc: 49.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



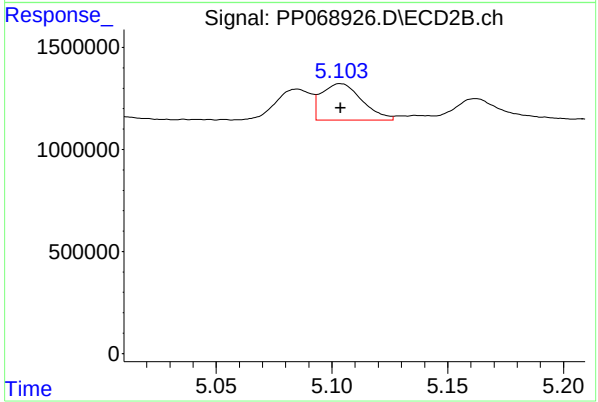
#16 AR-1242-1

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 1603069
Conc: 54.62 ng/ml



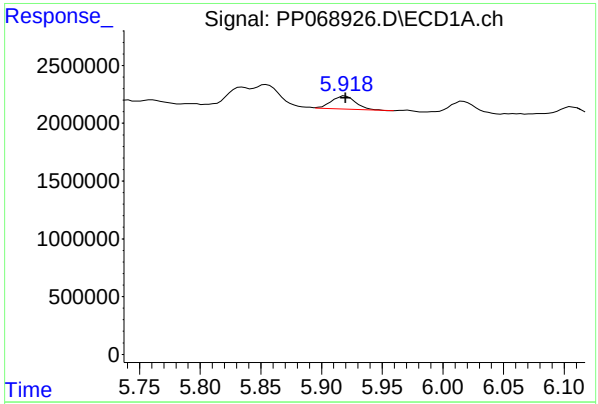
#17 AR-1242-2

R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 2849517
Conc: 49.67 ng/ml



#17 AR-1242-2

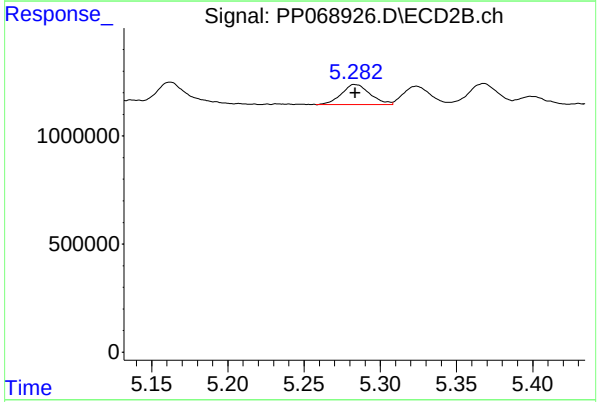
R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 2160945
Conc: 51.33 ng/ml



#18 AR-1242-3

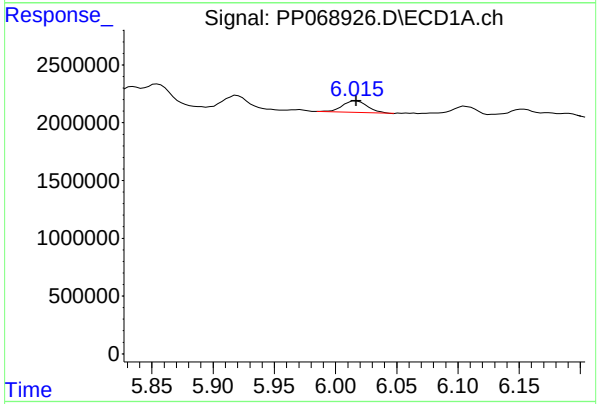
R.T.: 5.920 min
Delta R.T.: 0.000 min
Response: 1604936
Conc: 46.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



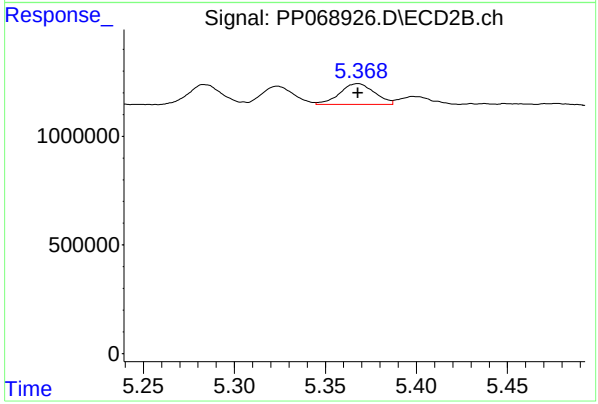
#18 AR-1242-3

R.T.: 5.284 min
Delta R.T.: 0.000 min
Response: 1219235
Conc: 52.40 ng/ml



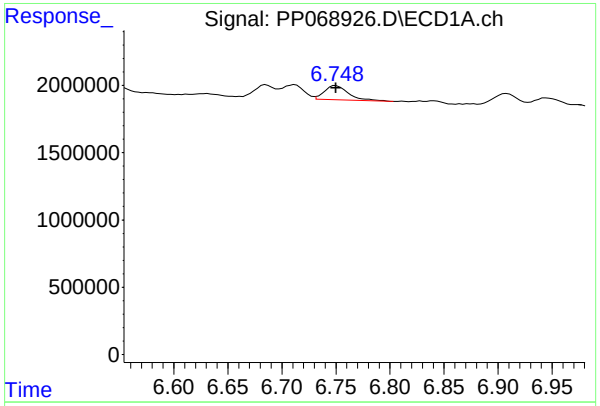
#19 AR-1242-4

R.T.: 6.017 min
Delta R.T.: 0.000 min
Response: 1427691
Conc: 49.65 ng/ml



#19 AR-1242-4

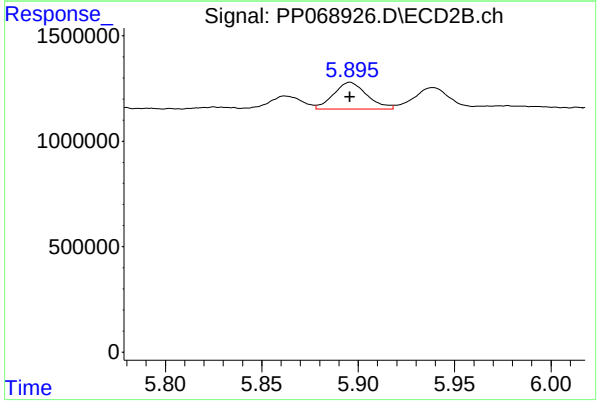
R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 1288302
Conc: 52.87 ng/ml



#20 AR-1242-5

R.T.: 6.750 min
Delta R.T.: 0.000 min
Response: 1627421
Conc: 51.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



#20 AR-1242-5

R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 1546847
Conc: 53.28 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068927.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 23:12
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:00:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 03:59:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.671	3.984	136.1E6	94102969	92.151	92.223
2)	SA Decachlor...	10.522	9.113	106.7E6	109.4E6	91.483	88.098
	Target Compounds						
21)	L5 AR-1248-1	5.832	5.086	26695957	20093138	916.974	851.461
22)	L5 AR-1248-2	6.104	5.325	39758611	29632170	904.299	858.691
23)	L5 AR-1248-3	6.309	5.369	43369699	31007140	901.485	863.500
24)	L5 AR-1248-4	6.709	5.543	48885695	36296413	893.157	869.183
25)	L5 AR-1248-5	6.749	5.940	48278095	34689161	904.805	878.115

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

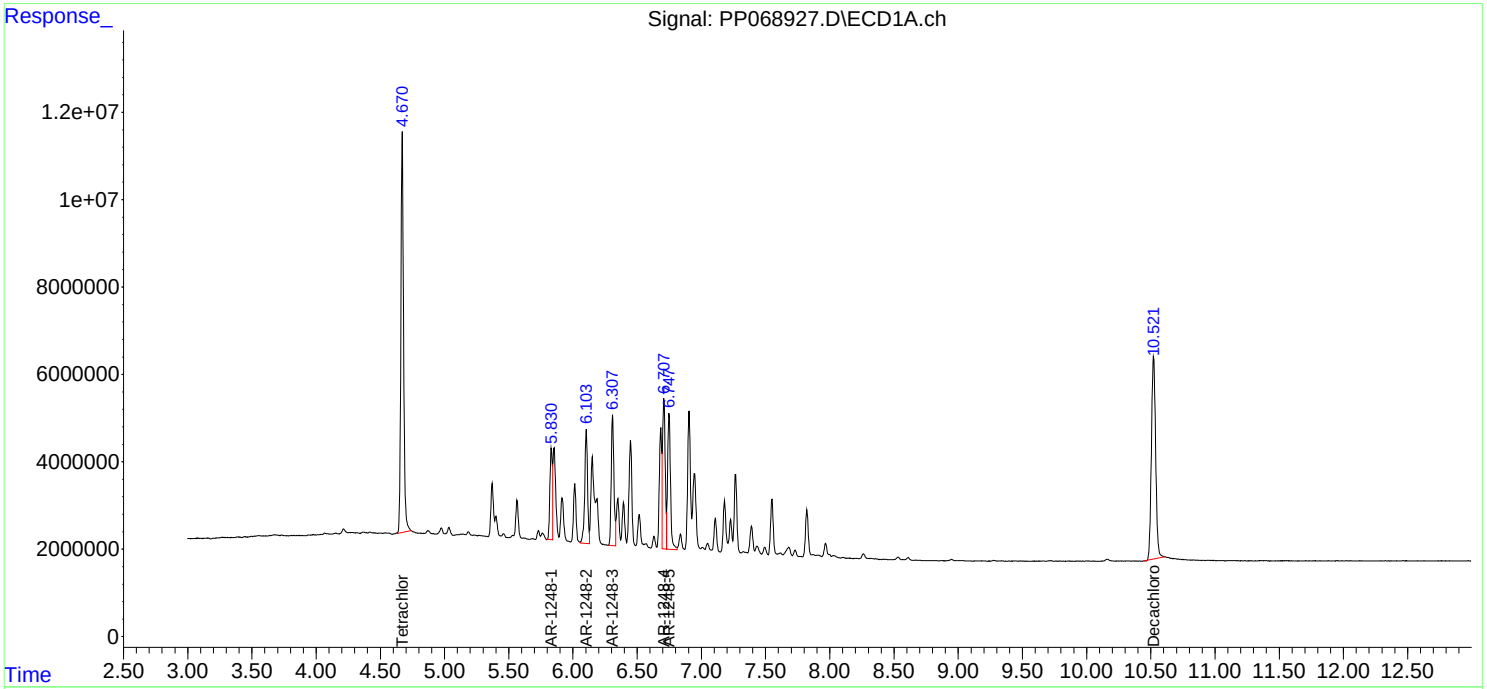
ICAL Form

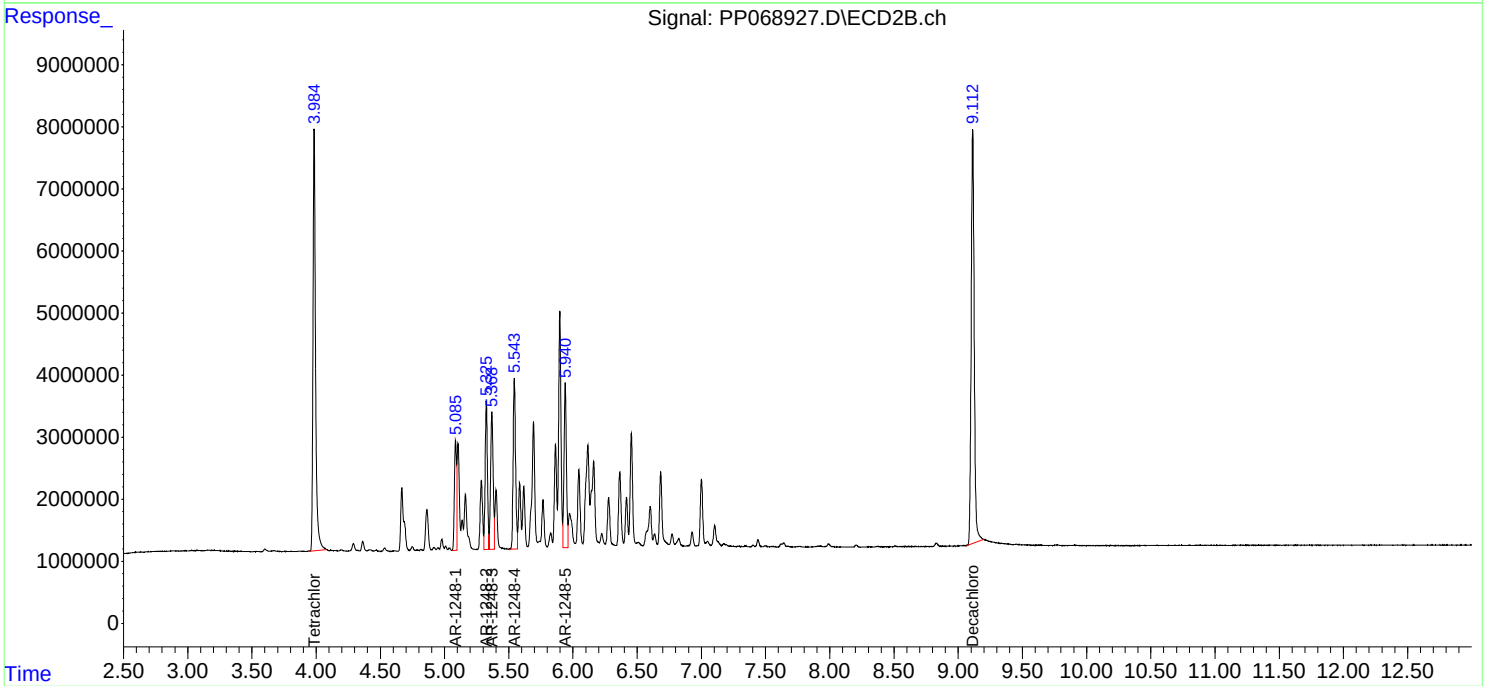
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068927.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 23:12
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

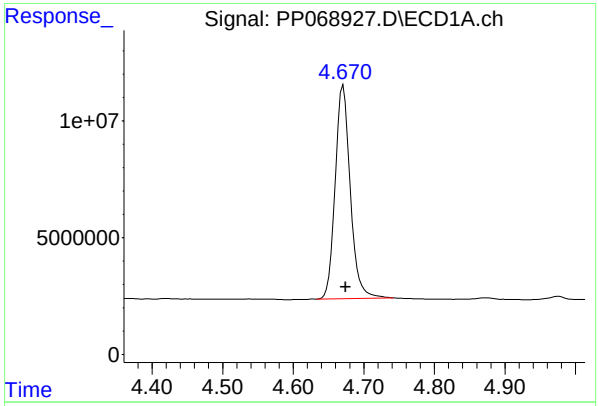
Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:00:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 03:59:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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



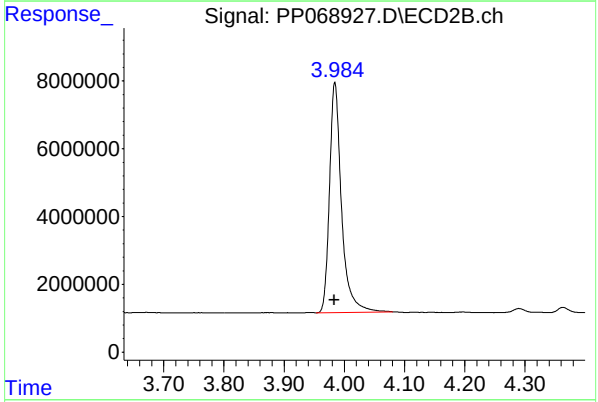




#1 Tetrachloro-m-xylene

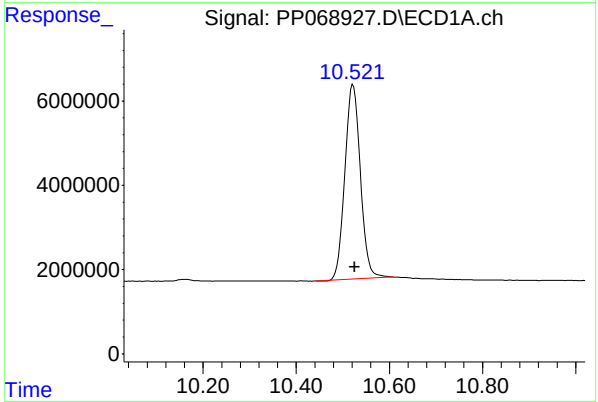
R.T.: 4.671 min
Delta R.T.: -0.003 min
Response: 136108913
Conc: 92.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



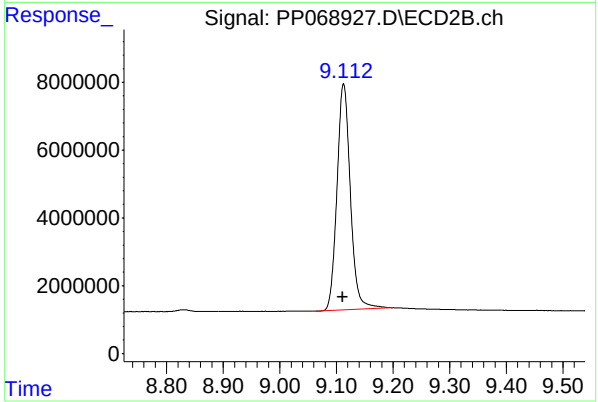
#1 Tetrachloro-m-xylene

R.T.: 3.984 min
Delta R.T.: 0.001 min
Response: 94102969
Conc: 92.22 ng/ml



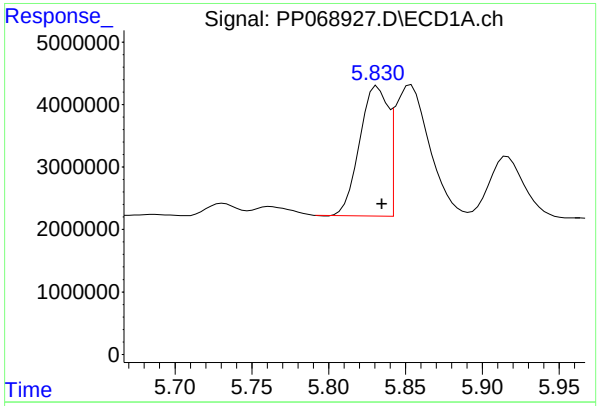
#2 Decachlorobiphenyl

R.T.: 10.522 min
Delta R.T.: -0.003 min
Response: 106689285
Conc: 91.48 ng/ml



#2 Decachlorobiphenyl

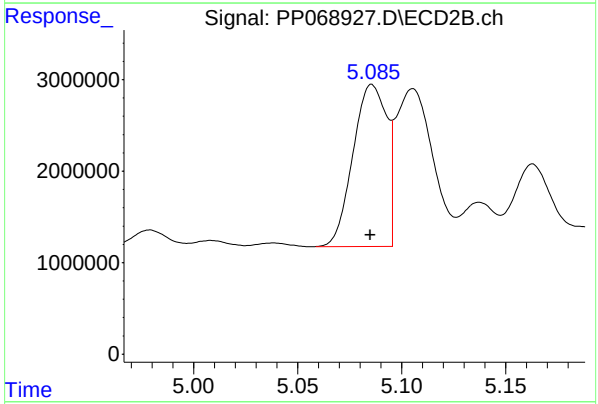
R.T.: 9.113 min
Delta R.T.: 0.001 min
Response: 109446514
Conc: 88.10 ng/ml



#21 AR-1248-1

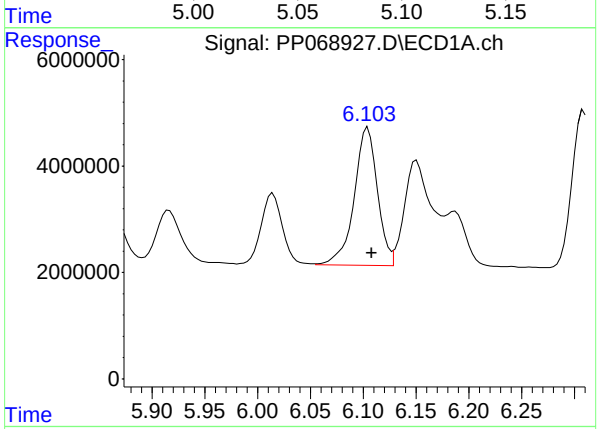
R.T.: 5.832 min
Delta R.T.: -0.003 min
Response: 26695957
Conc: 916.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



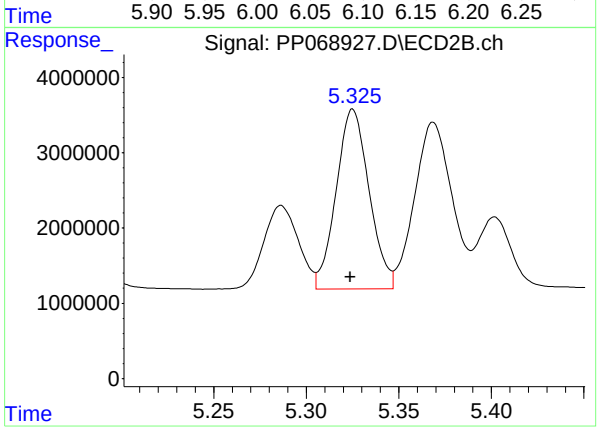
#21 AR-1248-1

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 20093138
Conc: 851.46 ng/ml



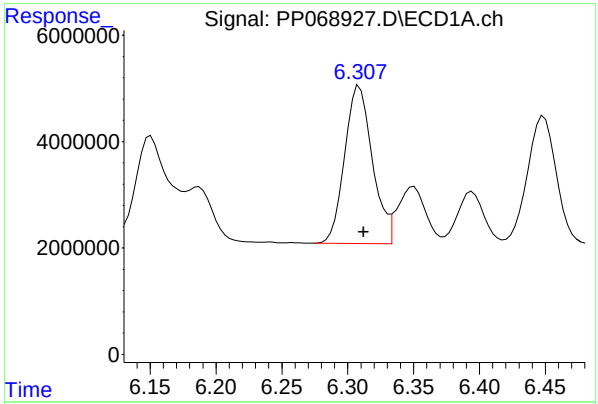
#22 AR-1248-2

R.T.: 6.104 min
Delta R.T.: -0.004 min
Response: 39758611
Conc: 904.30 ng/ml



#22 AR-1248-2

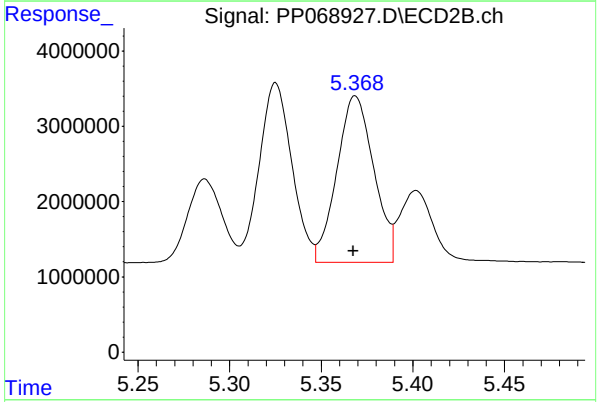
R.T.: 5.325 min
Delta R.T.: 0.001 min
Response: 29632170
Conc: 858.69 ng/ml



#23 AR-1248-3

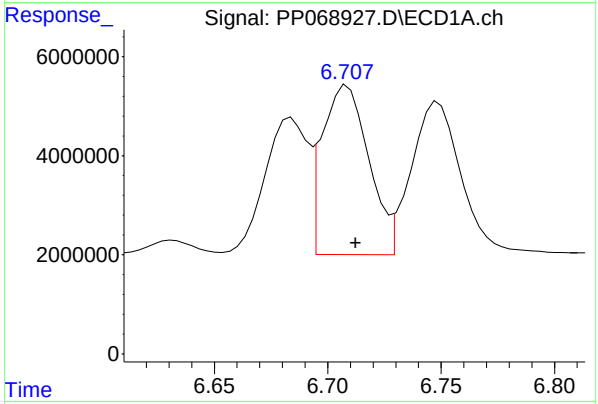
R.T.: 6.309 min
Delta R.T.: -0.003 min
Response: 43369699
Conc: 901.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



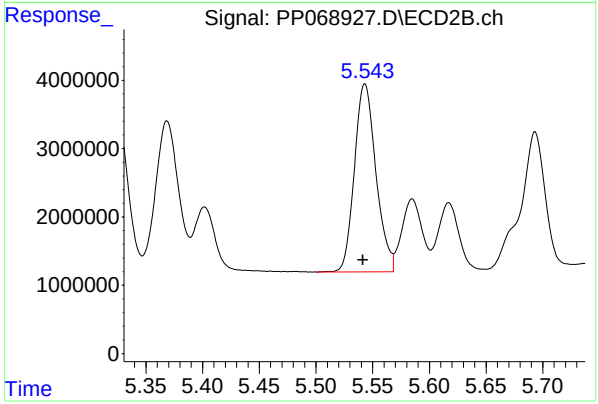
#23 AR-1248-3

R.T.: 5.369 min
Delta R.T.: 0.001 min
Response: 31007140
Conc: 863.50 ng/ml



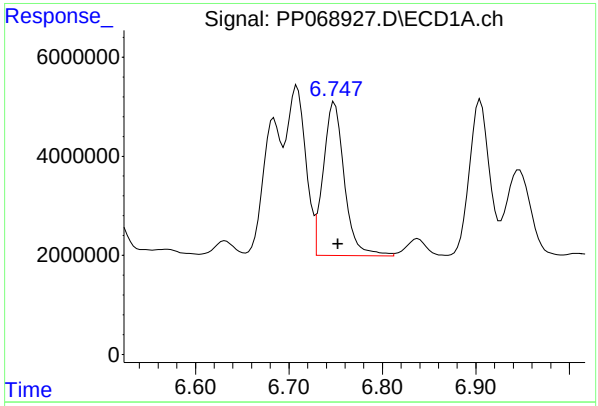
#24 AR-1248-4

R.T.: 6.709 min
Delta R.T.: -0.004 min
Response: 48885695
Conc: 893.16 ng/ml



#24 AR-1248-4

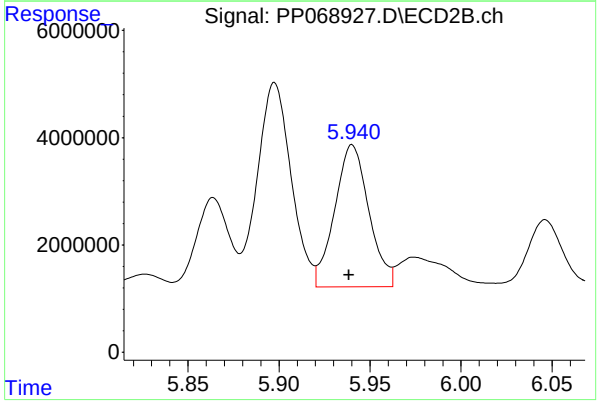
R.T.: 5.543 min
Delta R.T.: 0.002 min
Response: 36296413
Conc: 869.18 ng/ml



#25 AR-1248-5

R.T.: 6.749 min
Delta R.T.: -0.003 min
Response: 48278095
Conc: 904.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



#25 AR-1248-5

R.T.: 5.940 min
Delta R.T.: 0.002 min
Response: 34689161
Conc: 878.11 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068928.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 23:29
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:00:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 03:59:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.673	3.983	107.1E6	73963258	72.488	72.486
2)	SA Decachlor...	10.524	9.112	84288547	86373097	72.275	69.525
	Target Compounds						
21)	L5 AR-1248-1	5.833	5.084	21272953	16579006	730.700	702.547
22)	L5 AR-1248-2	6.107	5.323	31226709	24399905	710.243	707.069
23)	L5 AR-1248-3	6.311	5.367	34193001	25491349	710.738	709.894
24)	L5 AR-1248-4	6.710	5.541	38542965	29630801	704.192	709.563
25)	L5 AR-1248-5	6.750	5.939	37862096	28591473	709.593	723.759

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

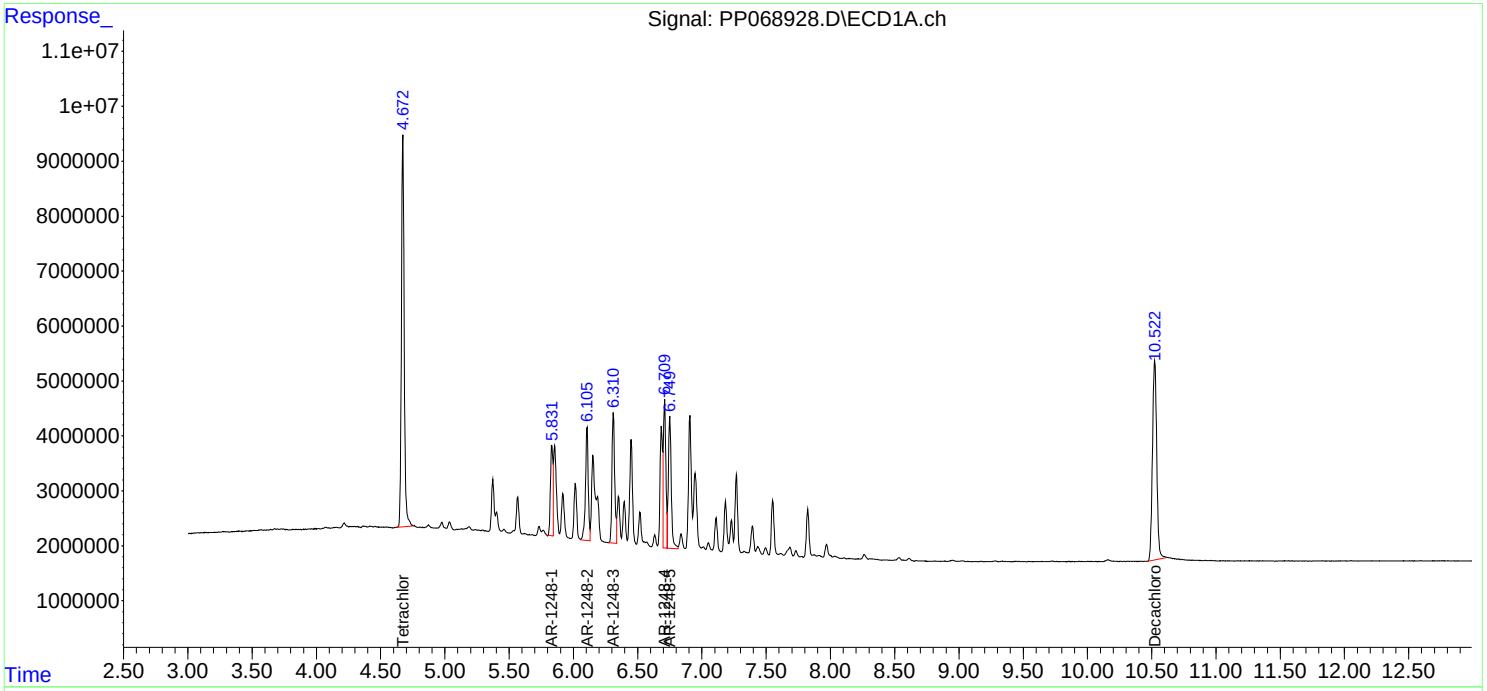
ICAL Form

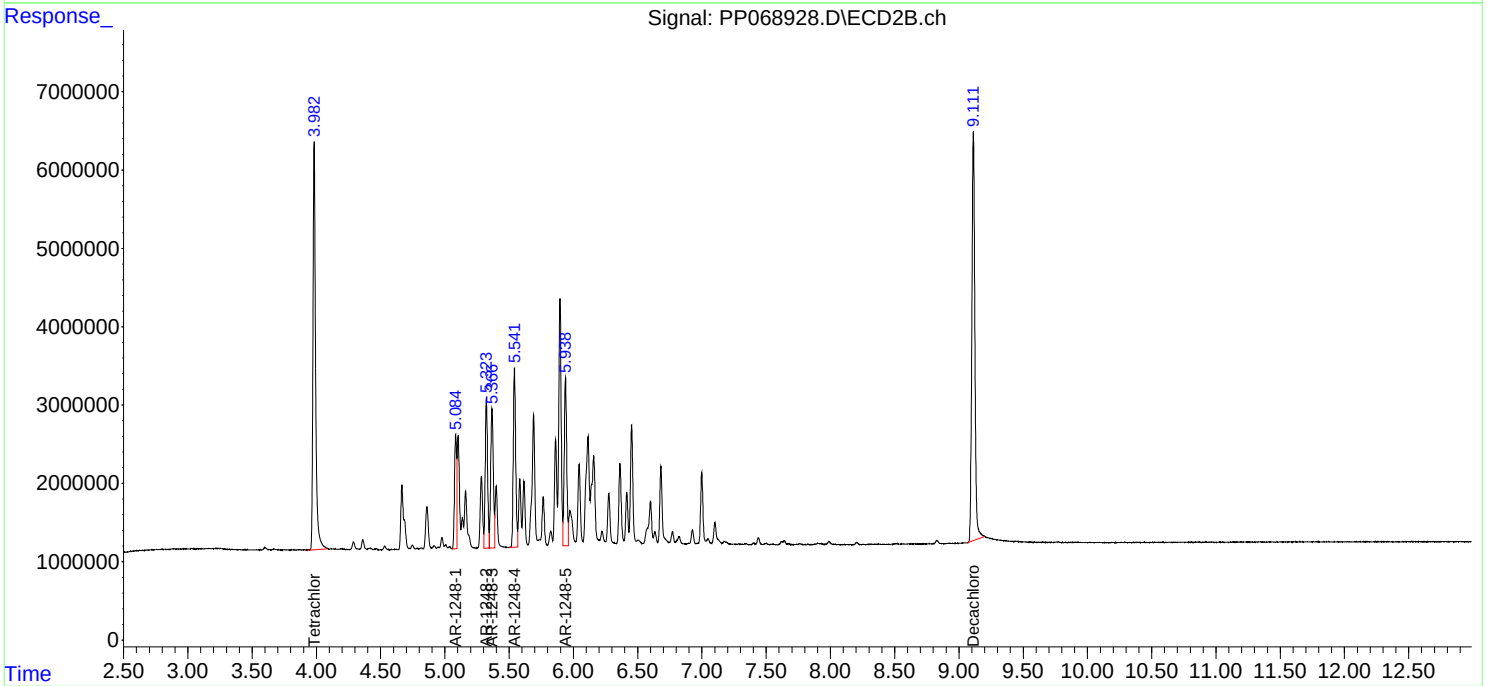
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068928.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 23:29
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

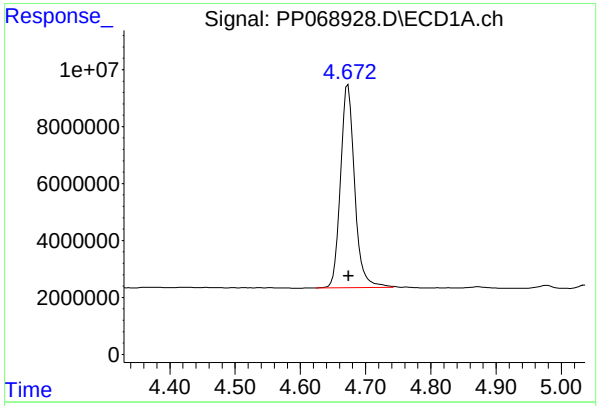
Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:00:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 03:59:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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



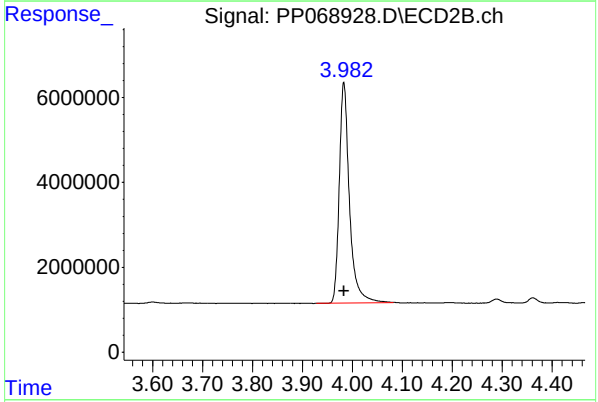




#1 Tetrachloro-m-xylene

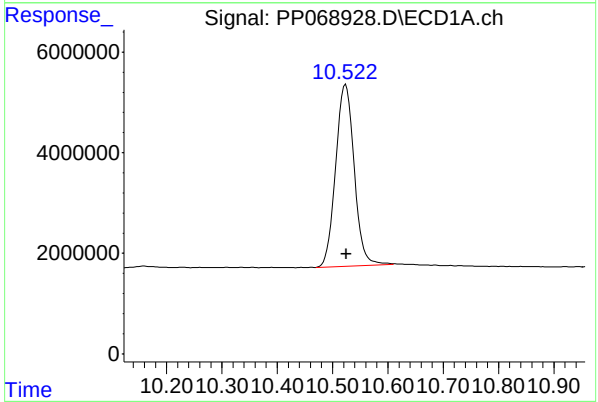
R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 107065868
Conc: 72.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



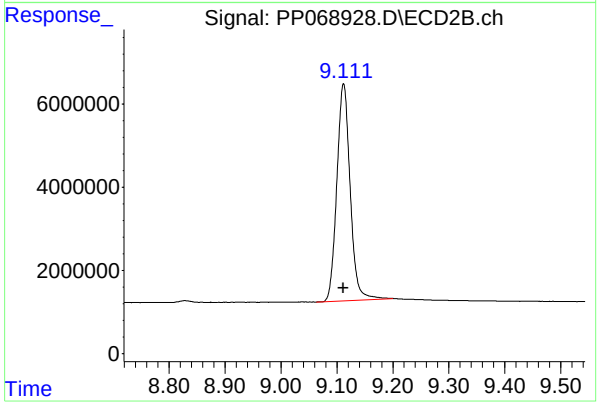
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 73963258
Conc: 72.49 ng/ml



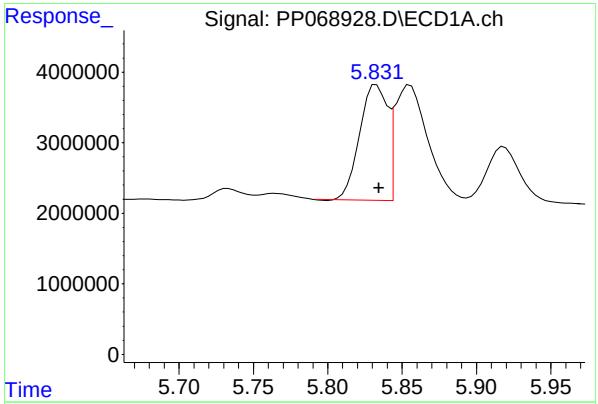
#2 Decachlorobiphenyl

R.T.: 10.524 min
Delta R.T.: -0.002 min
Response: 84288547
Conc: 72.27 ng/ml



#2 Decachlorobiphenyl

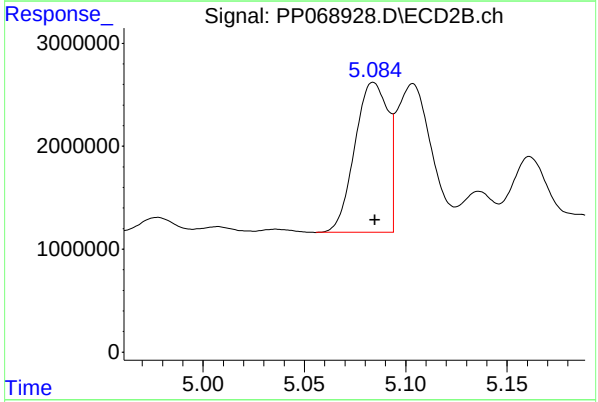
R.T.: 9.112 min
Delta R.T.: 0.000 min
Response: 86373097
Conc: 69.53 ng/ml



#21 AR-1248-1

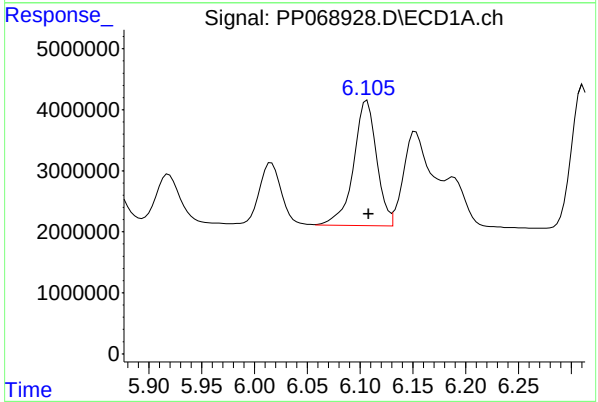
R.T.: 5.833 min
Delta R.T.: -0.002 mi
Response: 21272953
Conc: 730.70 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



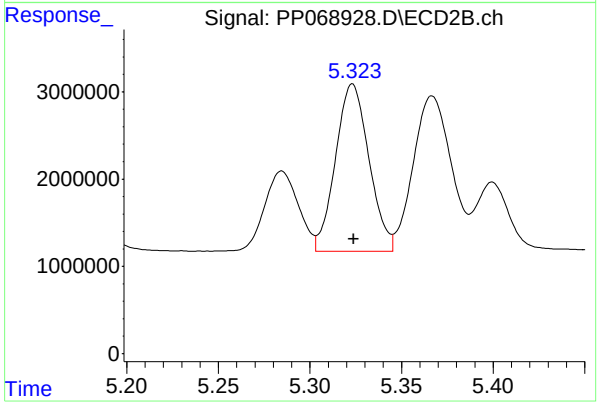
#21 AR-1248-1

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 16579006
Conc: 702.55 ng/ml



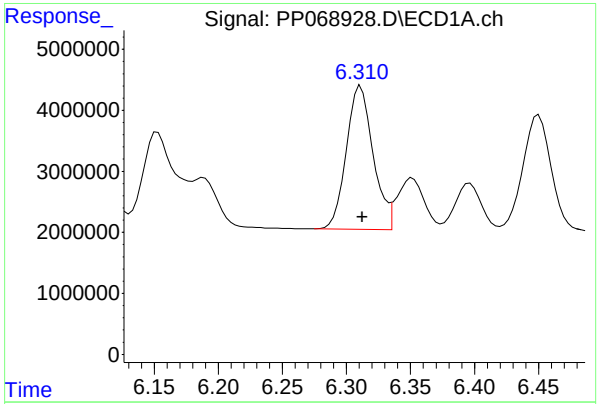
#22 AR-1248-2

R.T.: 6.107 min
Delta R.T.: -0.002 min
Response: 31226709
Conc: 710.24 ng/ml



#22 AR-1248-2

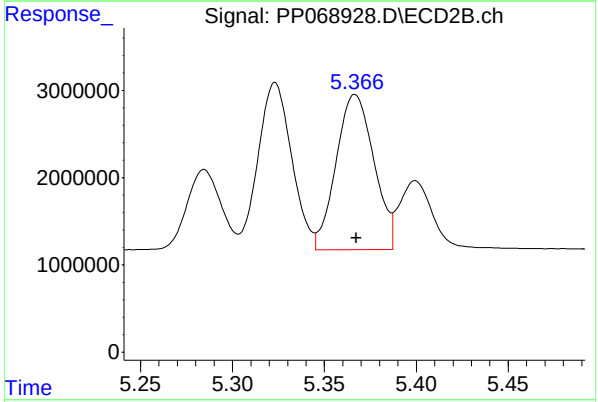
R.T.: 5.323 min
Delta R.T.: 0.000 min
Response: 24399905
Conc: 707.07 ng/ml



#23 AR-1248-3

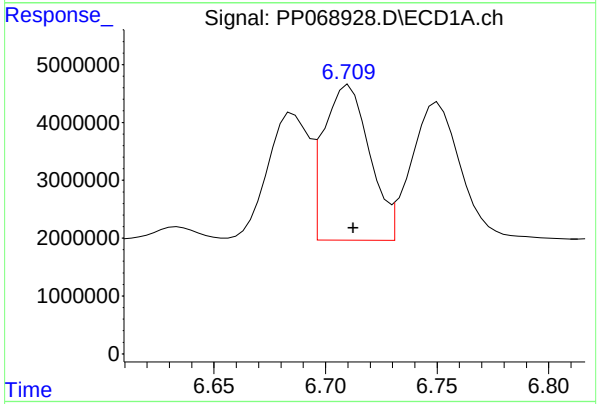
R.T.: 6.311 min
Delta R.T.: -0.001 min
Response: 34193001
Conc: 710.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



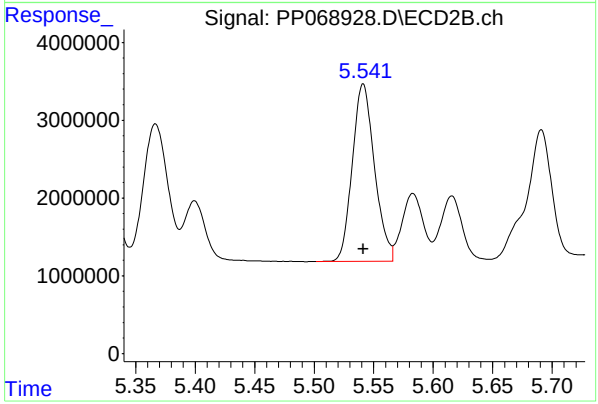
#23 AR-1248-3

R.T.: 5.367 min
Delta R.T.: 0.000 min
Response: 25491349
Conc: 709.89 ng/ml



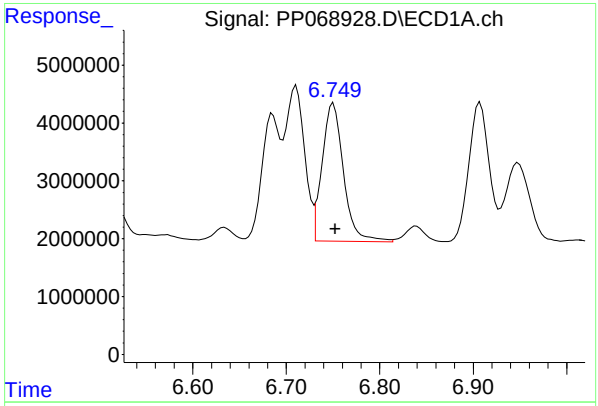
#24 AR-1248-4

R.T.: 6.710 min
Delta R.T.: -0.002 min
Response: 38542965
Conc: 704.19 ng/ml



#24 AR-1248-4

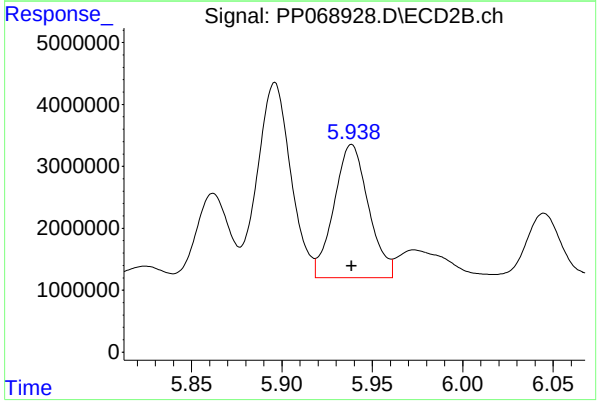
R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 29630801
Conc: 709.56 ng/ml



#25 AR-1248-5

R.T.: 6.750 min
Delta R.T.: -0.002 mi
Response: 37862096
Conc: 709.59 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



#25 AR-1248-5

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 28591473
Conc: 723.76 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068929.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 23:45
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:00:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 03:59:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.674	3.983	73850741	51019098	50.000	50.000
2)	SA Decachlor...	10.525	9.111	58311178	62116337	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	5.835	5.085	14556558	11799212	500.000	500.000
22)	L5 AR-1248-2	6.108	5.324	21983102	17254272	500.000	500.000
23)	L5 AR-1248-3	6.312	5.367	24054580	17954344	500.000	500.000
24)	L5 AR-1248-4	6.712	5.542	27366802	20879607	500.000	500.000
25)	L5 AR-1248-5	6.752	5.939	26678741	19752066	500.000	500.000

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

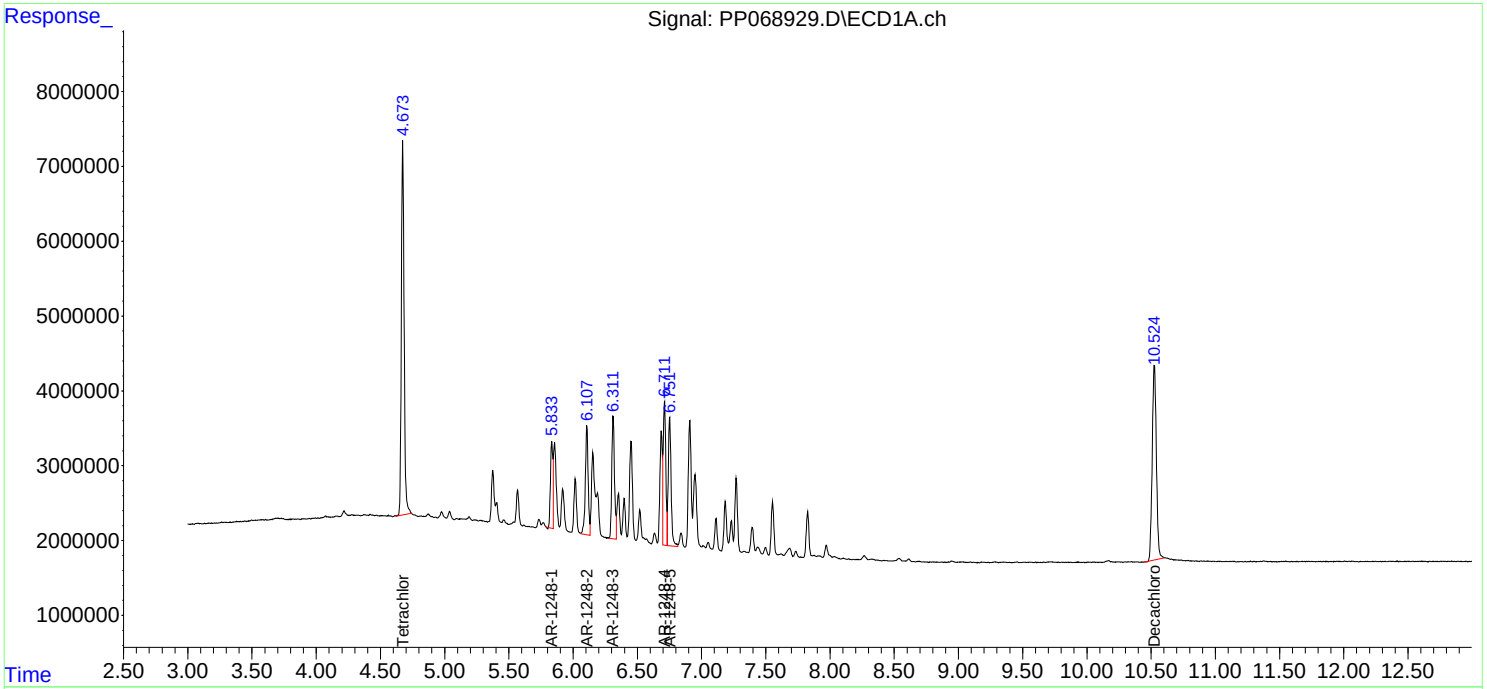
ICAL Form

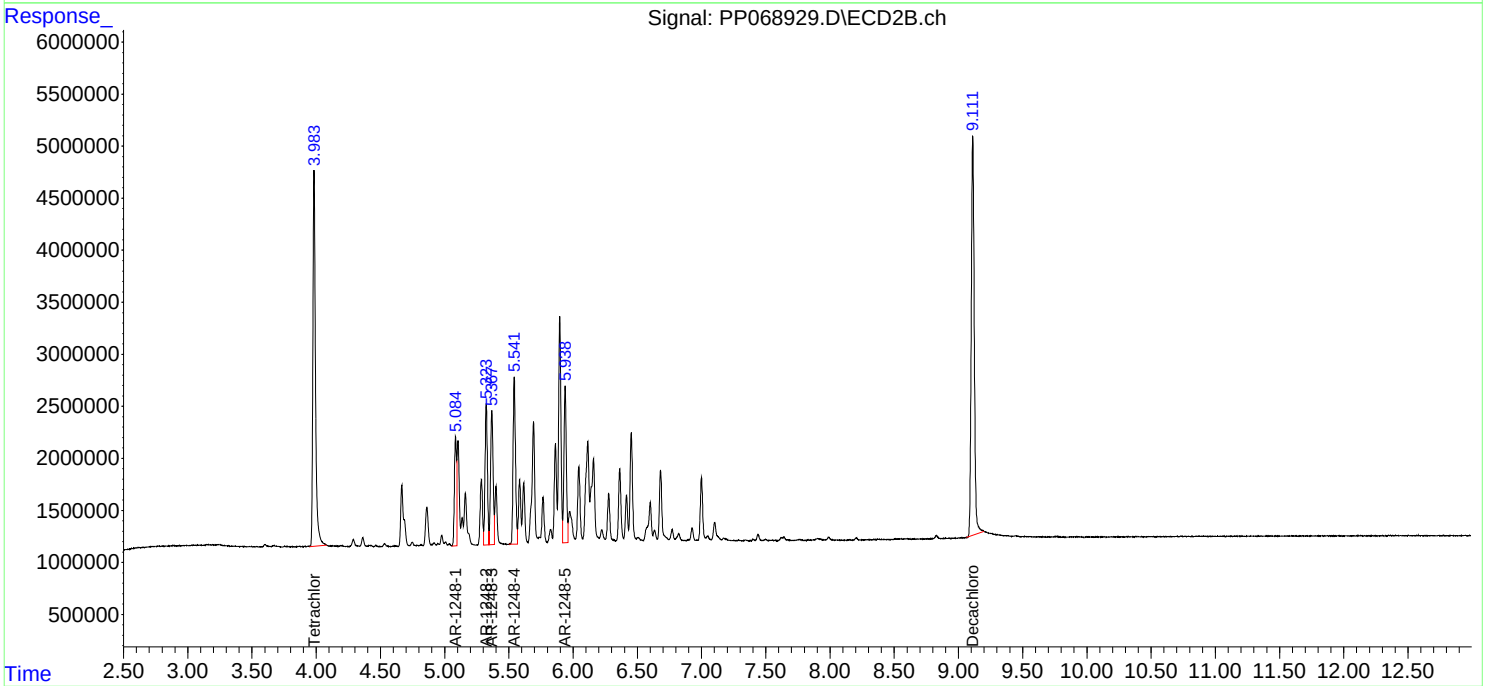
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068929.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 23:45
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

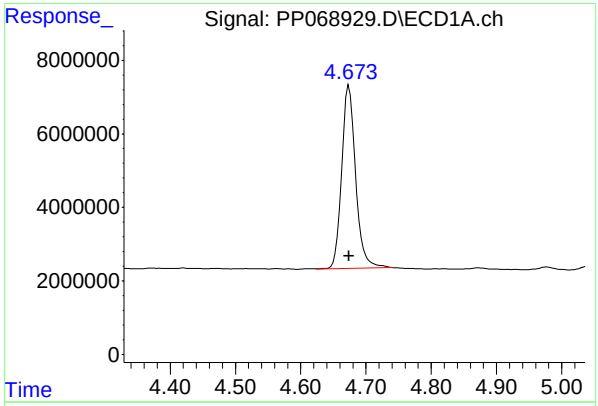
Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:00:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 03:59:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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



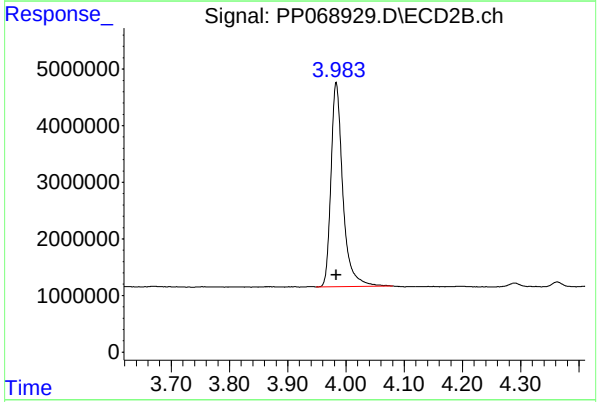




#1 Tetrachloro-m-xylene

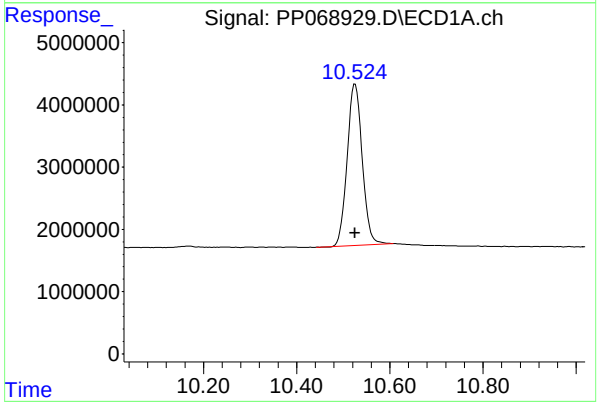
R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 73850741
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



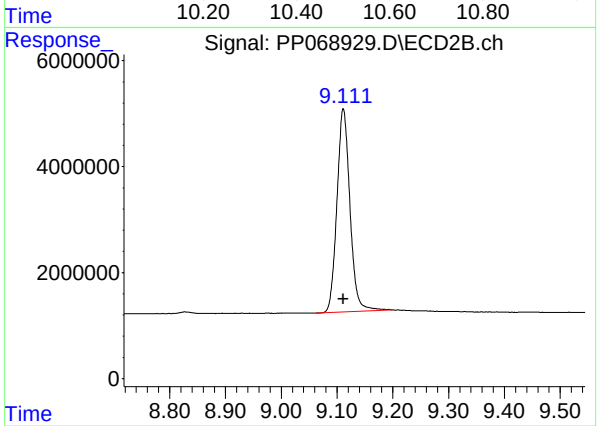
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 51019098
Conc: 50.00 ng/ml



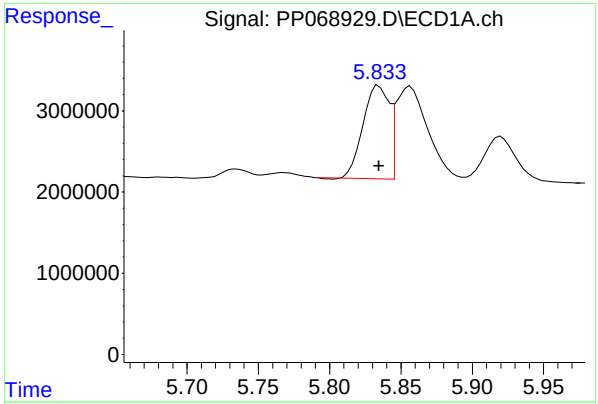
#2 Decachlorobiphenyl

R.T.: 10.525 min
Delta R.T.: 0.000 min
Response: 58311178
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

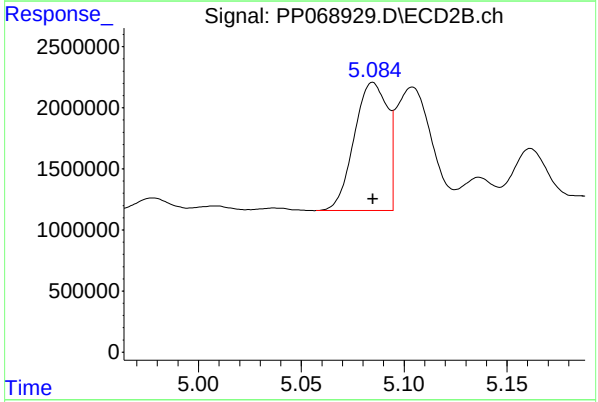
R.T.: 9.111 min
Delta R.T.: 0.000 min
Response: 62116337
Conc: 50.00 ng/ml



#21 AR-1248-1

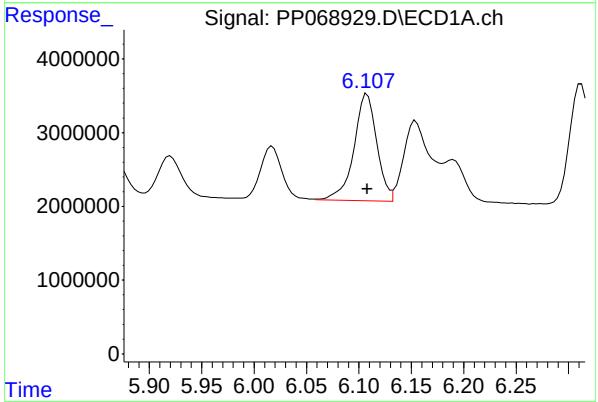
R.T.: 5.835 min
Delta R.T.: 0.000 min
Response: 14556558
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



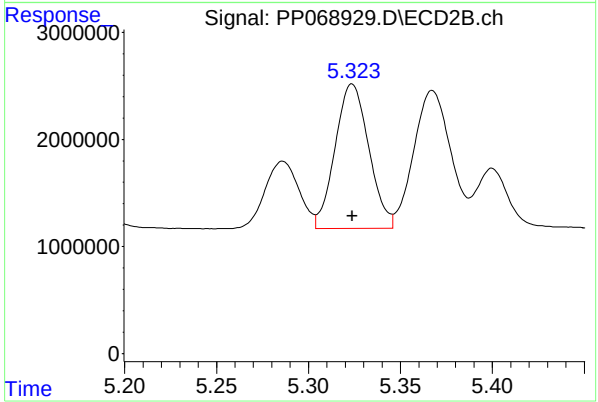
#21 AR-1248-1

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 11799212
Conc: 500.00 ng/ml



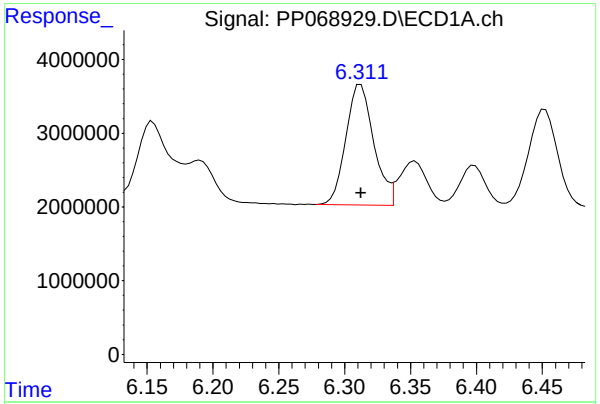
#22 AR-1248-2

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 21983102
Conc: 500.00 ng/ml



#22 AR-1248-2

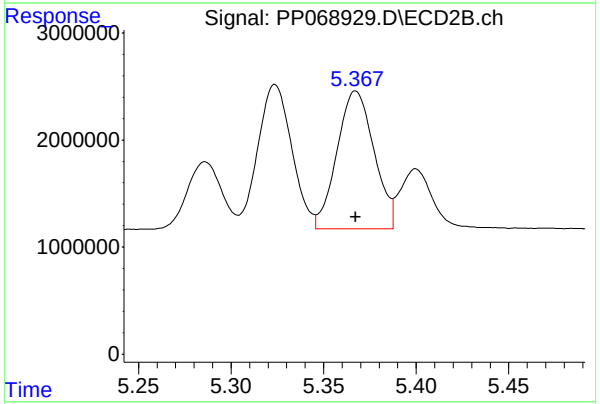
R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 17254272
Conc: 500.00 ng/ml



#23 AR-1248-3

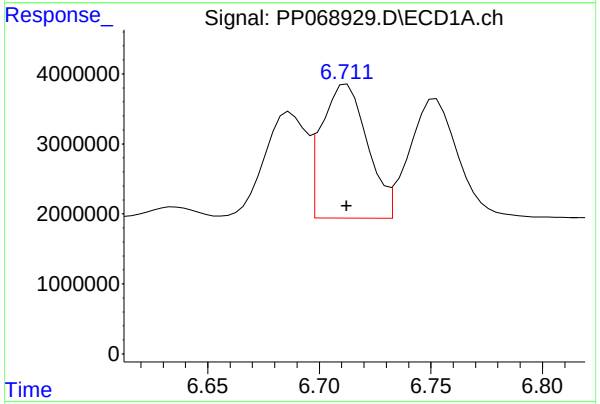
R.T.: 6.312 min
Delta R.T.: 0.000 min
Response: 24054580
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



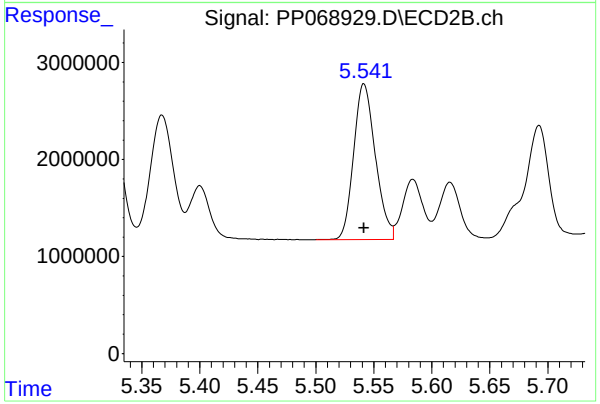
#23 AR-1248-3

R.T.: 5.367 min
Delta R.T.: 0.000 min
Response: 17954344
Conc: 500.00 ng/ml



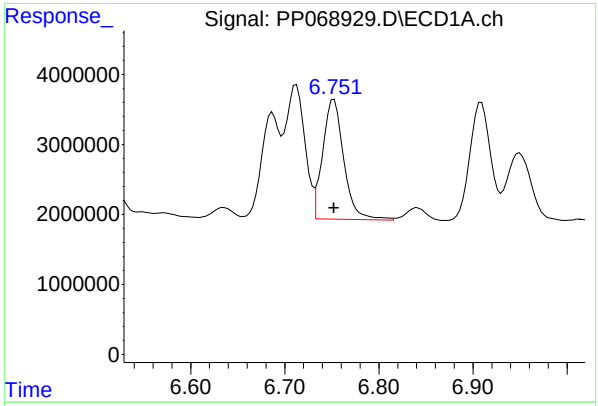
#24 AR-1248-4

R.T.: 6.712 min
Delta R.T.: 0.000 min
Response: 27366802
Conc: 500.00 ng/ml



#24 AR-1248-4

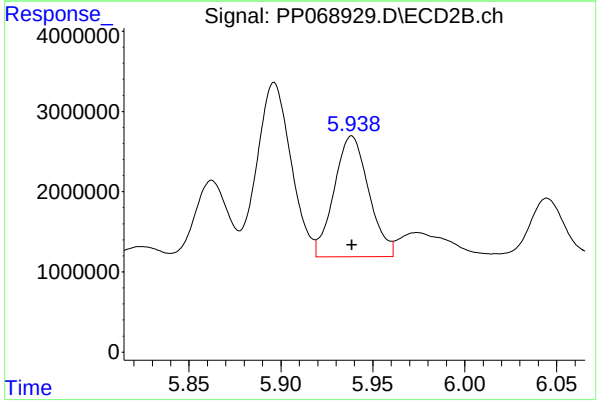
R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 20879607
Conc: 500.00 ng/ml



#25 AR-1248-5

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 26678741
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



#25 AR-1248-5

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 19752066
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068930.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 00:01
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:00:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 03:59:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.673	3.984	38136682	26356965	25.820	25.830
2) SA	Decachlor...	10.524	9.113	30642418	34018232	26.275	27.383
	Target Compounds						
21) L5	AR-1248-1	5.833	5.086	7674068	6036514	263.595	255.802
22) L5	AR-1248-2	6.106	5.325	11453185	9209794	260.500	266.884
23) L5	AR-1248-3	6.310	5.368	12543902	9469421	260.738	263.708
24) L5	AR-1248-4	6.710	5.543	14318210	11121103	261.598	266.315
25) L5	AR-1248-5	6.750	5.940	13979591	10294675	261.999	260.597

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

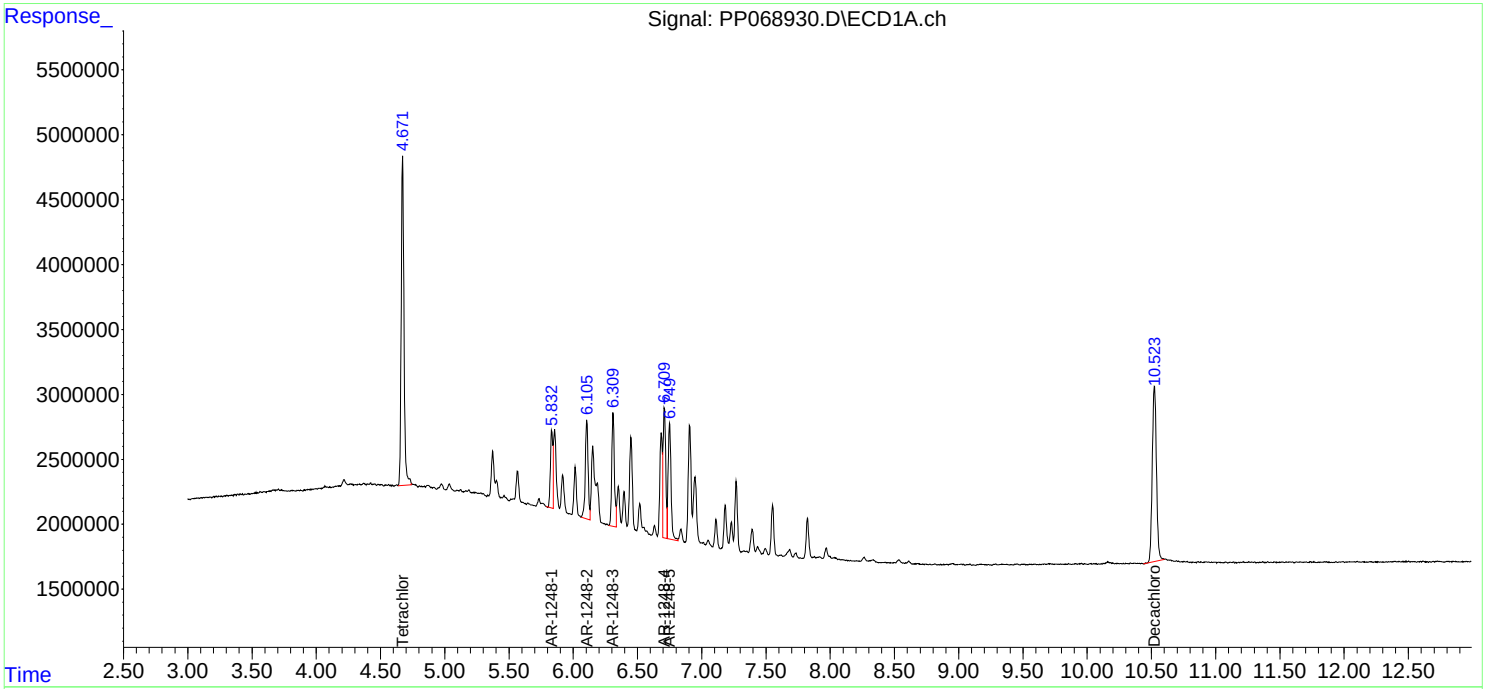
ICAL Form

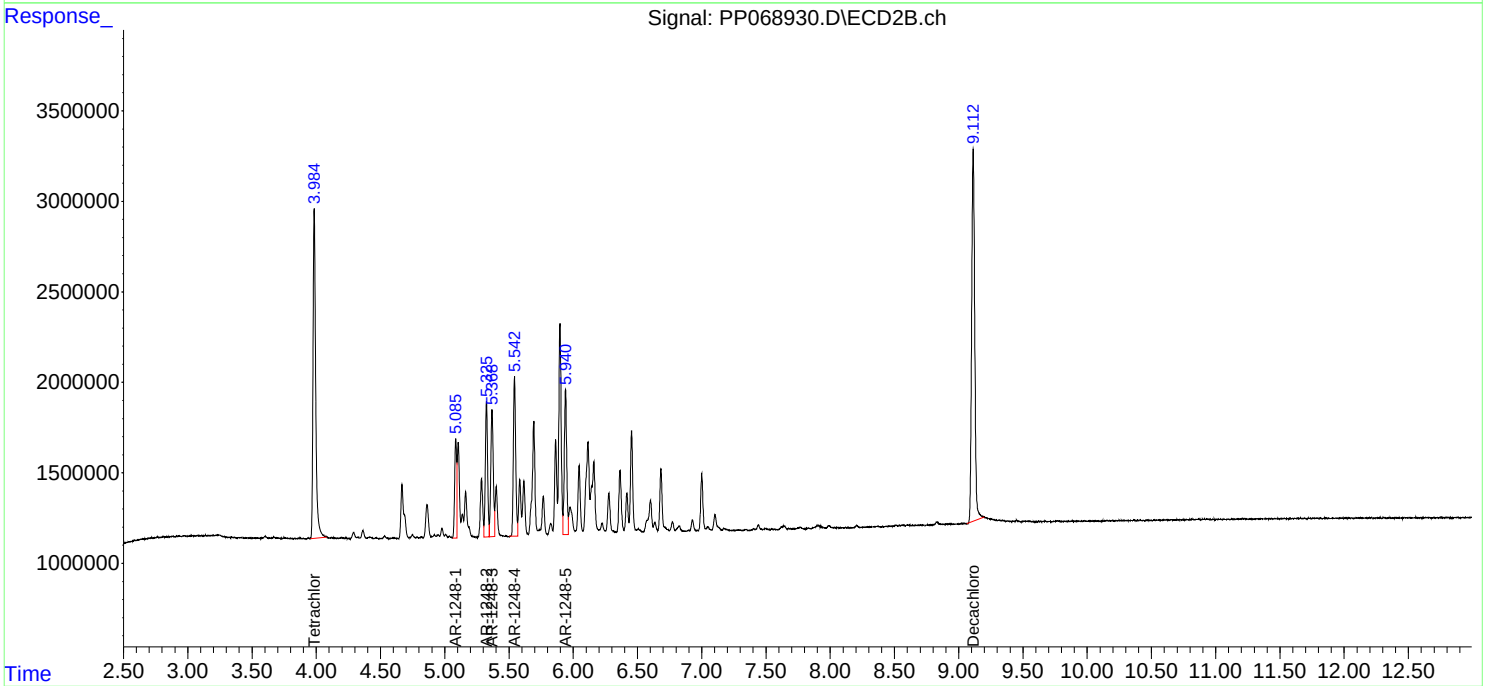
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068930.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 00:01
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

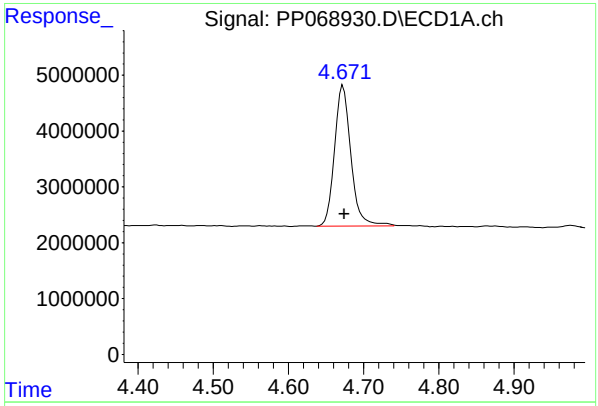
Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:00:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 03:59:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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



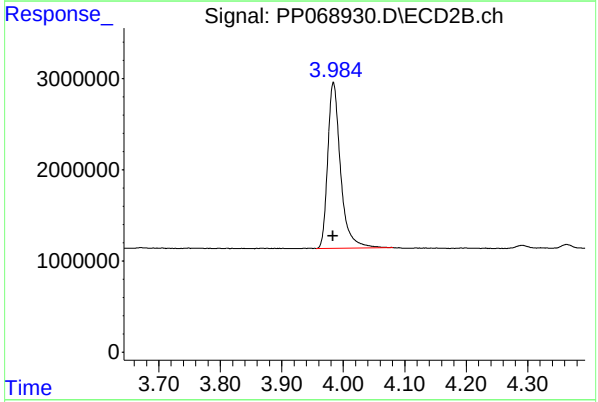




#1 Tetrachloro-m-xylene

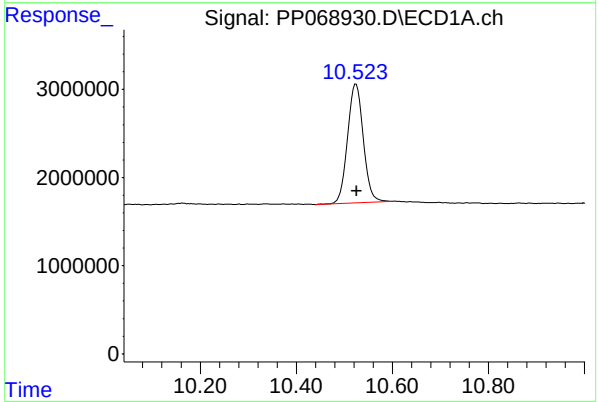
R.T.: 4.673 min
Delta R.T.: -0.001 min
Response: 38136682
Conc: 25.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



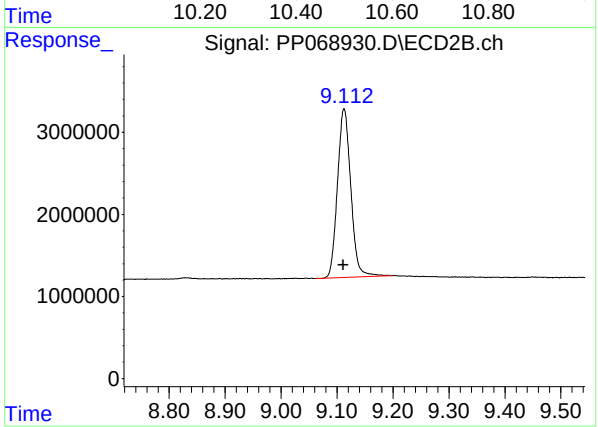
#1 Tetrachloro-m-xylene

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 26356965
Conc: 25.83 ng/ml



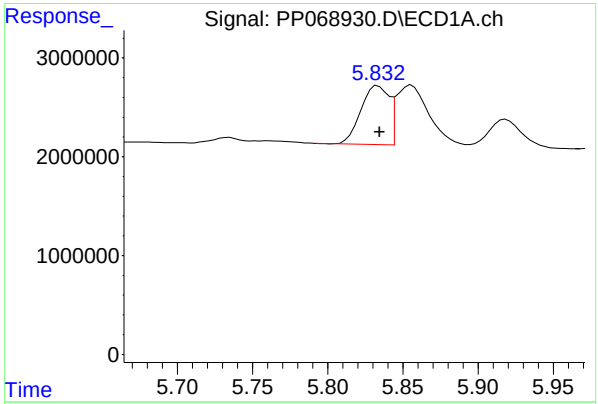
#2 Decachlorobiphenyl

R.T.: 10.524 min
Delta R.T.: -0.001 min
Response: 30642418
Conc: 26.27 ng/ml



#2 Decachlorobiphenyl

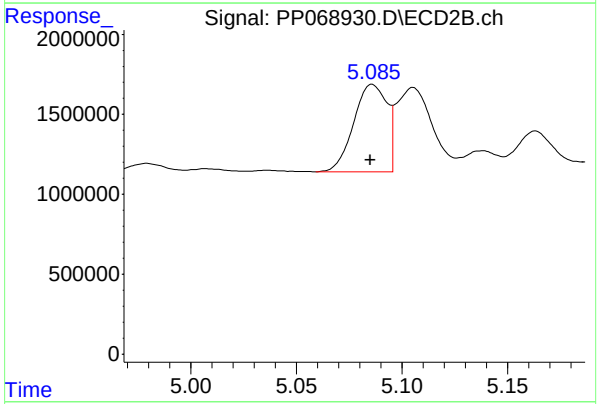
R.T.: 9.113 min
Delta R.T.: 0.001 min
Response: 34018232
Conc: 27.38 ng/ml



#21 AR-1248-1

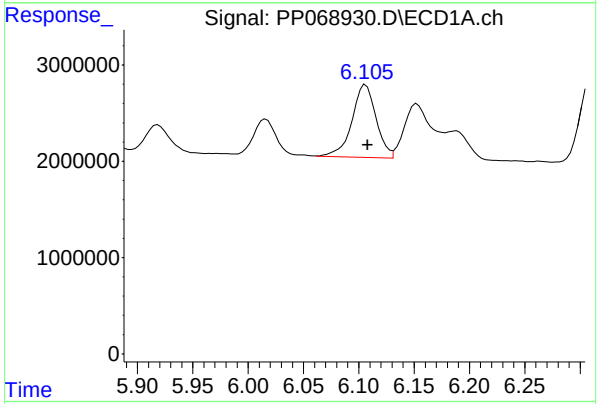
R.T.: 5.833 min
Delta R.T.: -0.001 min
Response: 7674068
Conc: 263.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



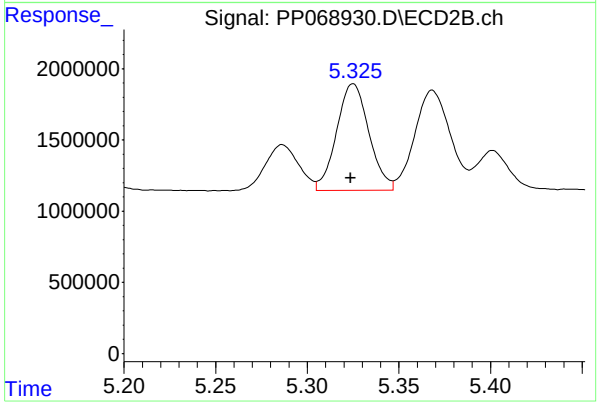
#21 AR-1248-1

R.T.: 5.086 min
Delta R.T.: 0.001 min
Response: 6036514
Conc: 255.80 ng/ml



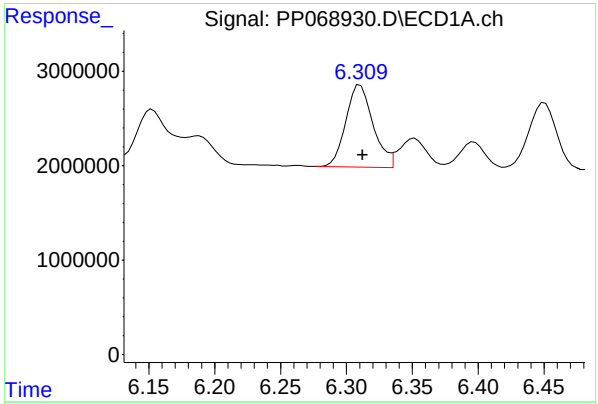
#22 AR-1248-2

R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 11453185
Conc: 260.50 ng/ml



#22 AR-1248-2

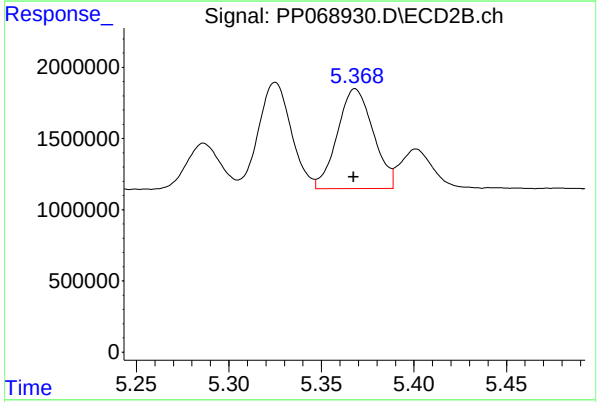
R.T.: 5.325 min
Delta R.T.: 0.001 min
Response: 9209794
Conc: 266.88 ng/ml



#23 AR-1248-3

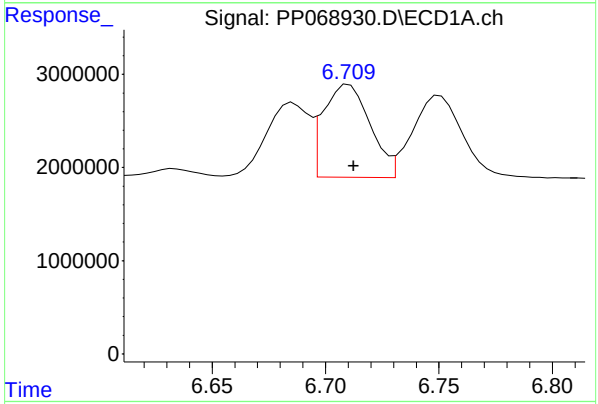
R.T.: 6.310 min
Delta R.T.: -0.002 min
Response: 12543902
Conc: 260.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



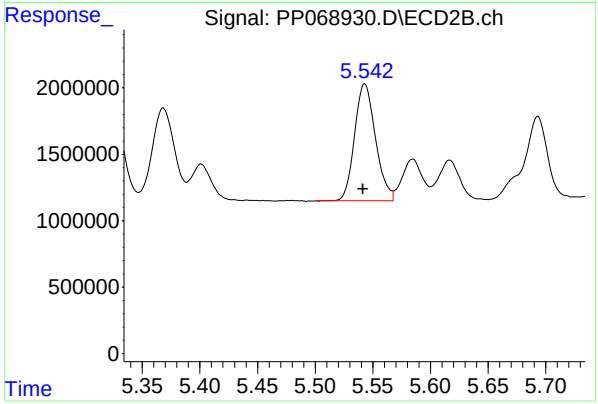
#23 AR-1248-3

R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 9469421
Conc: 263.71 ng/ml



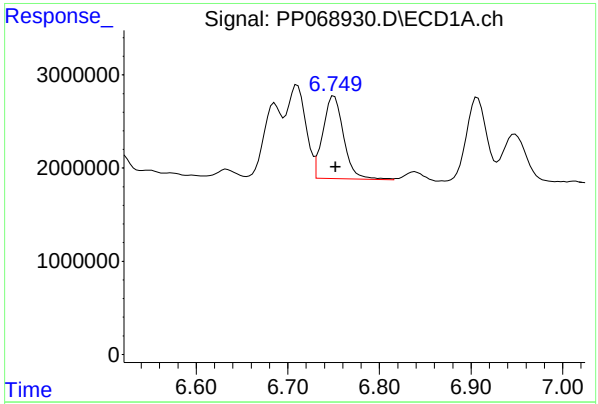
#24 AR-1248-4

R.T.: 6.710 min
Delta R.T.: -0.002 min
Response: 14318210
Conc: 261.60 ng/ml



#24 AR-1248-4

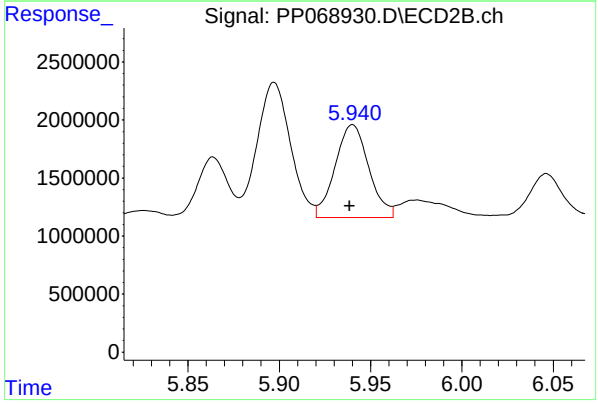
R.T.: 5.543 min
Delta R.T.: 0.001 min
Response: 11121103
Conc: 266.31 ng/ml



#25 AR-1248-5

R.T.: 6.750 min
Delta R.T.: -0.002 min
Response: 13979591
Conc: 262.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



#25 AR-1248-5

R.T.: 5.940 min
Delta R.T.: 0.002 min
Response: 10294675
Conc: 260.60 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068931.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 00:17
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:00:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 03:59:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.675	3.983	6824361	4928217	4.620	4.830
2)	SA Decachlor...	10.525	9.111	6046328	6466903	5.185	5.205
	Target Compounds						
21)	L5 AR-1248-1	5.835	5.085	1613448	1252641	55.420	53.082
22)	L5 AR-1248-2	6.107	5.324	2221562	1859750	50.529	53.892
23)	L5 AR-1248-3	6.313	5.367	2432119	1894116	50.554	52.748
24)	L5 AR-1248-4	6.712	5.542	2811056	2188050	51.359	52.397
25)	L5 AR-1248-5	6.752	5.939	2602479	1996853	48.774	50.548

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

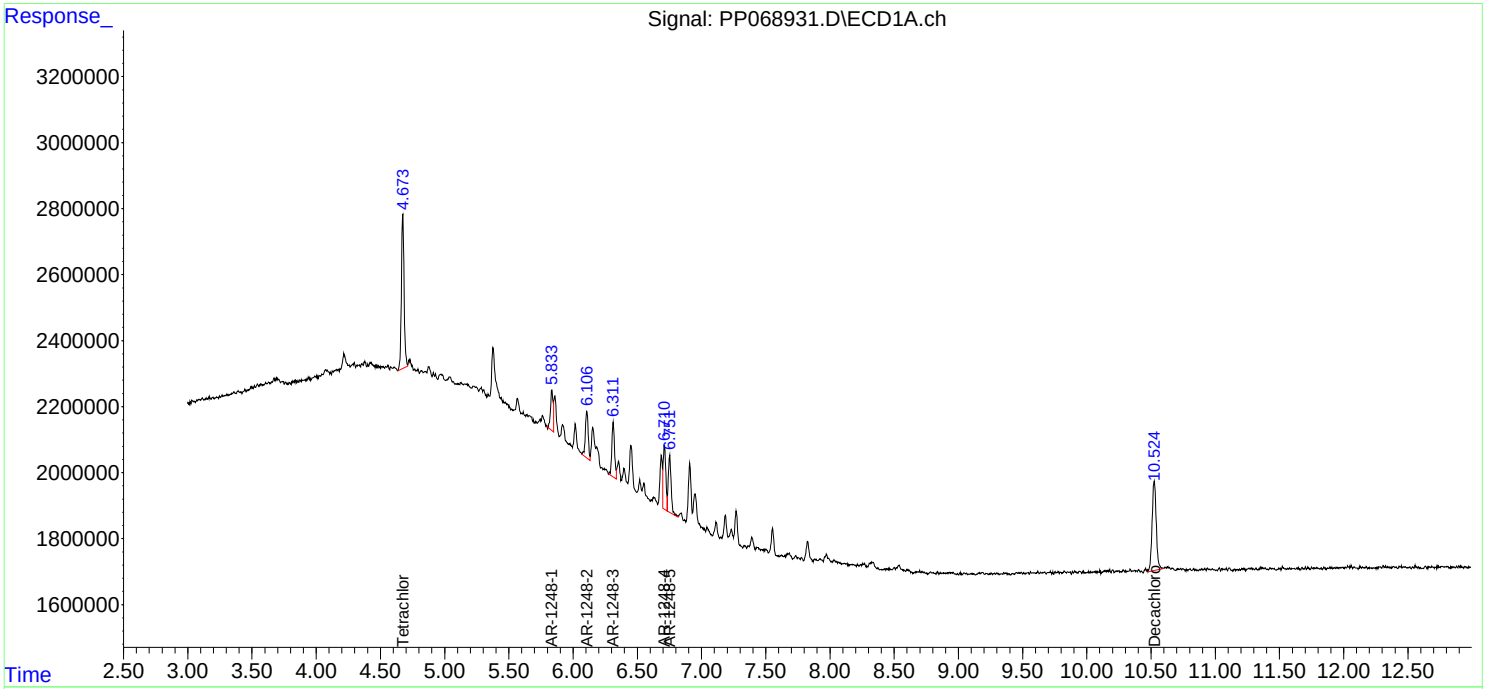
ICAL Form

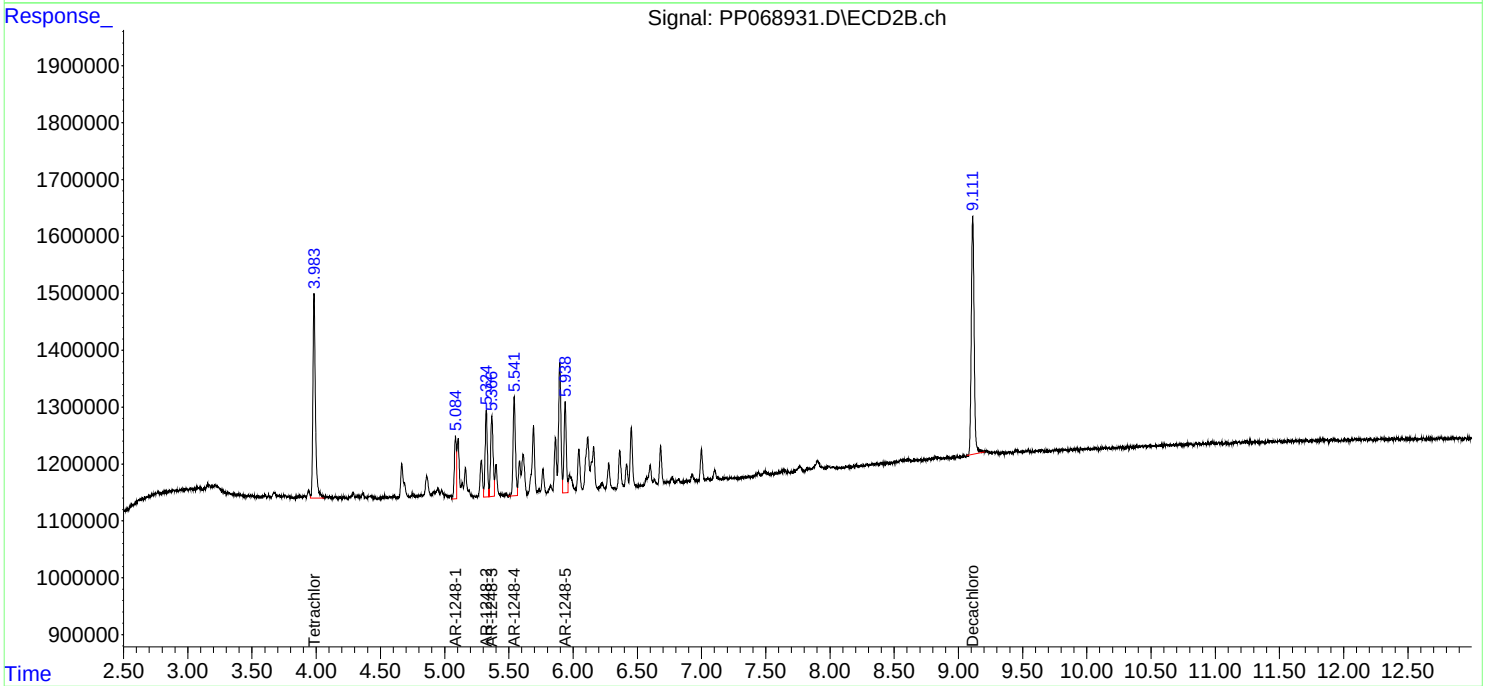
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068931.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 00:17
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

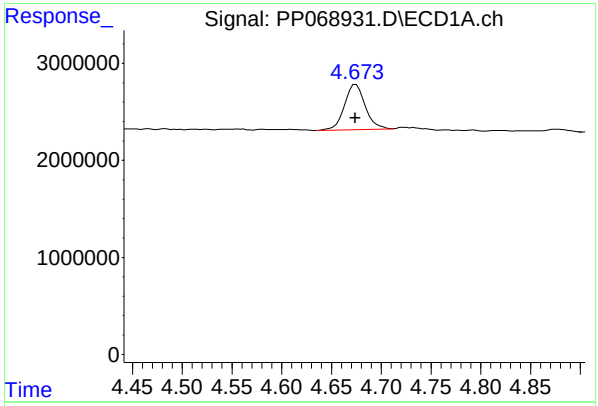
Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:00:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 03:59:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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



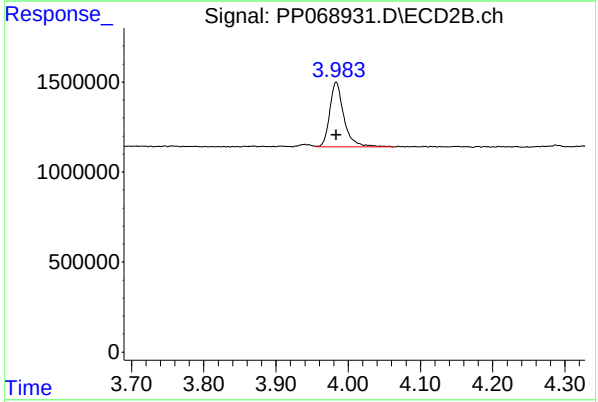




#1 Tetrachloro-m-xylene

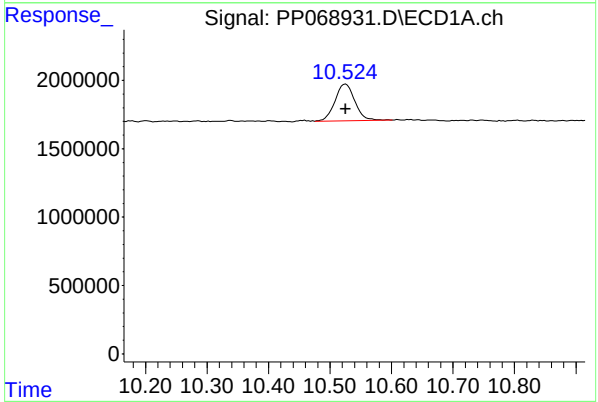
R.T.: 4.675 min
Delta R.T.: 0.000 min
Response: 6824361
Conc: 4.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



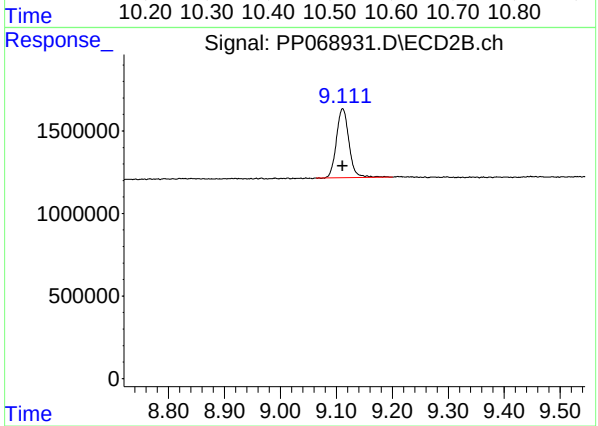
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 4928217
Conc: 4.83 ng/ml



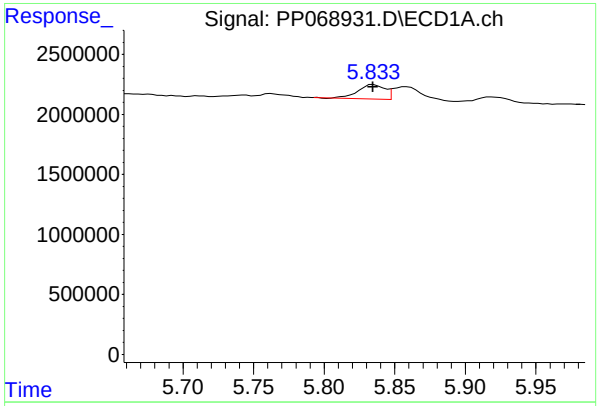
#2 Decachlorobiphenyl

R.T.: 10.525 min
Delta R.T.: 0.000 min
Response: 6046328
Conc: 5.18 ng/ml



#2 Decachlorobiphenyl

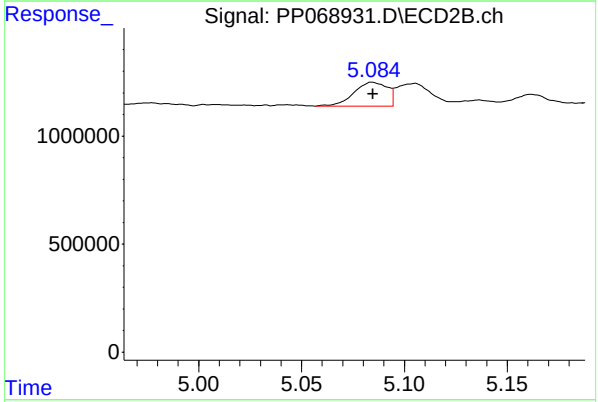
R.T.: 9.111 min
Delta R.T.: 0.000 min
Response: 6466903
Conc: 5.21 ng/ml



#21 AR-1248-1

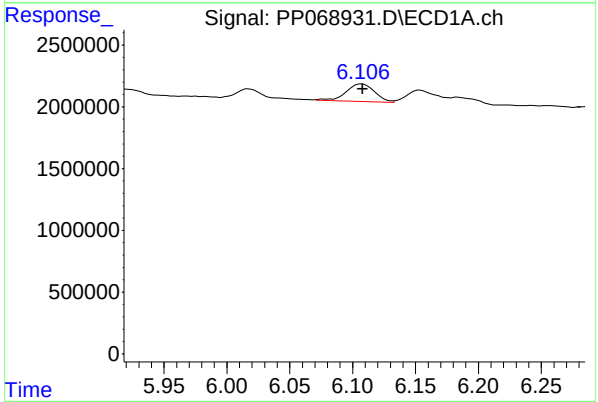
R.T.: 5.835 min
Delta R.T.: 0.000 min
Response: 1613448
Conc: 55.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



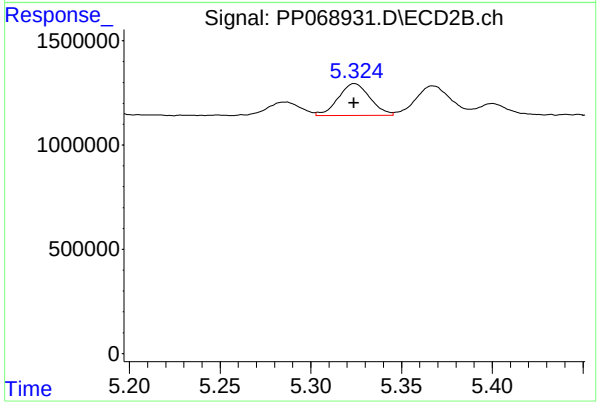
#21 AR-1248-1

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 1252641
Conc: 53.08 ng/ml



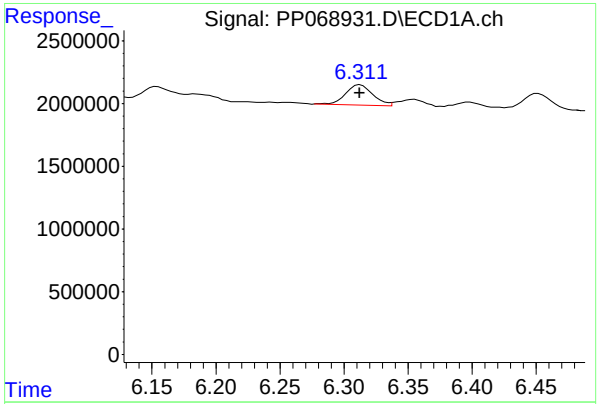
#22 AR-1248-2

R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 2221562
Conc: 50.53 ng/ml



#22 AR-1248-2

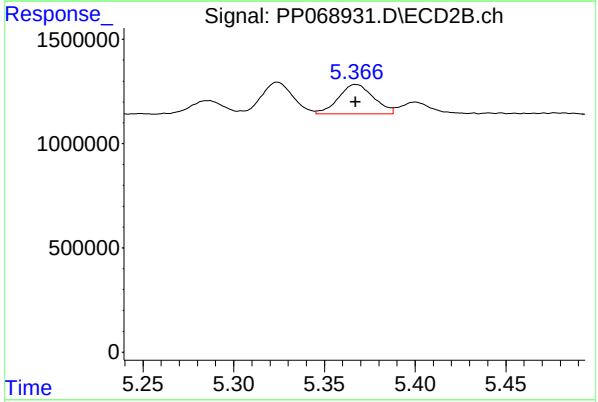
R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 1859750
Conc: 53.89 ng/ml



#23 AR-1248-3

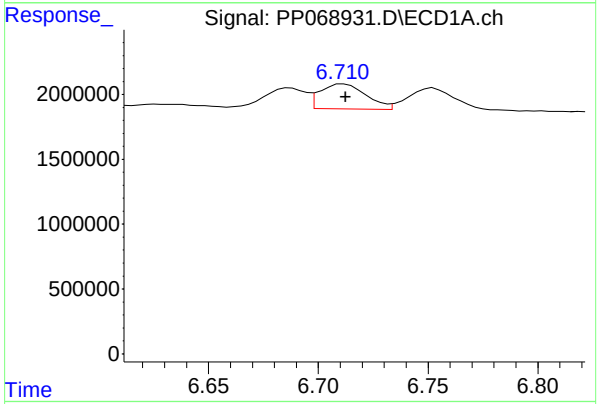
R.T.: 6.313 min
Delta R.T.: 0.000 min
Response: 2432119
Conc: 50.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



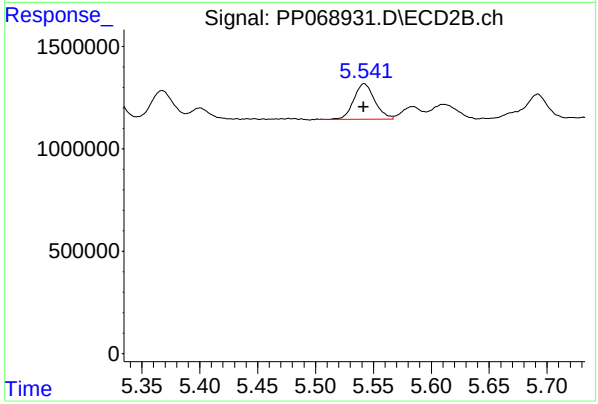
#23 AR-1248-3

R.T.: 5.367 min
Delta R.T.: 0.000 min
Response: 1894116
Conc: 52.75 ng/ml



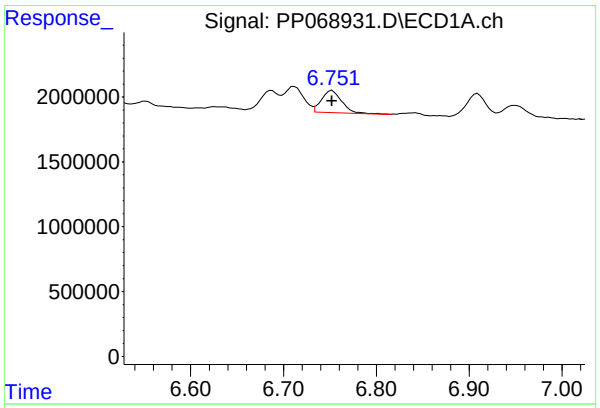
#24 AR-1248-4

R.T.: 6.712 min
Delta R.T.: 0.000 min
Response: 2811056
Conc: 51.36 ng/ml



#24 AR-1248-4

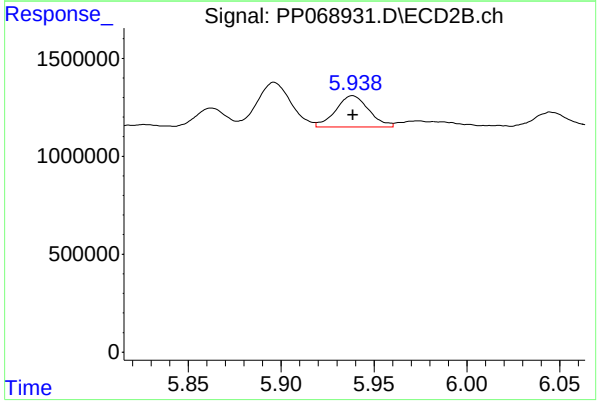
R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 2188050
Conc: 52.40 ng/ml



#25 AR-1248-5

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 2602479
Conc: 48.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



#25 AR-1248-5

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 1996853
Conc: 50.55 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068932.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 00:34
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:54:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 04:31:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.673	3.983	136.6E6	101.0E6	93.314	95.568
2)	SA Decachlor...	10.522	9.111	106.7E6	108.7E6	91.624	89.877
	Target Compounds						
26)	L6 AR-1254-1	6.686	5.898	49172649	54013826	946.144m	897.551
27)	L6 AR-1254-2	6.905	6.045	74069643	47307501	903.115	887.343
28)	L6 AR-1254-3	7.269	6.453	74567235	74830722	917.733	901.418
29)	L6 AR-1254-4	7.552	6.682	56677692	41013798	922.013	905.924
30)	L6 AR-1254-5	7.969	7.102	58716523	68187162	880.203m	898.577

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068932.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 00:34
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

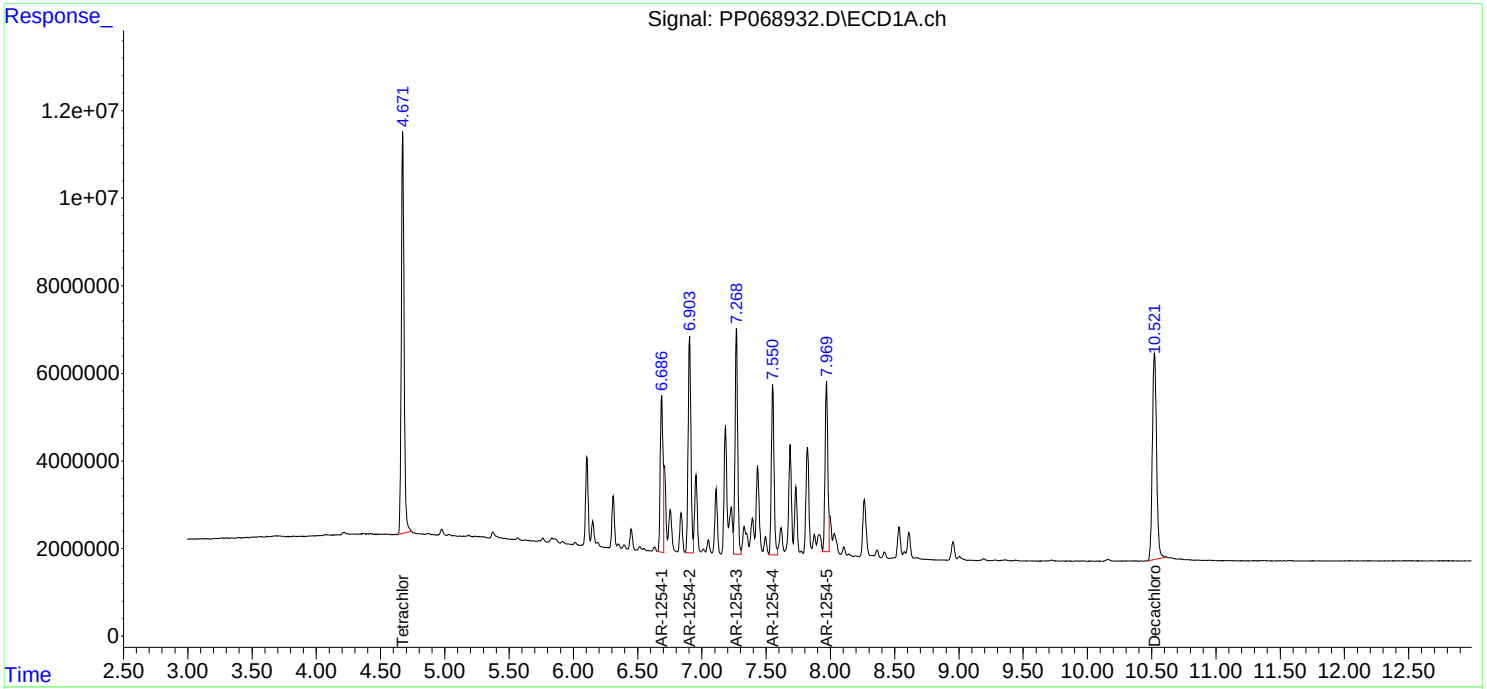
Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

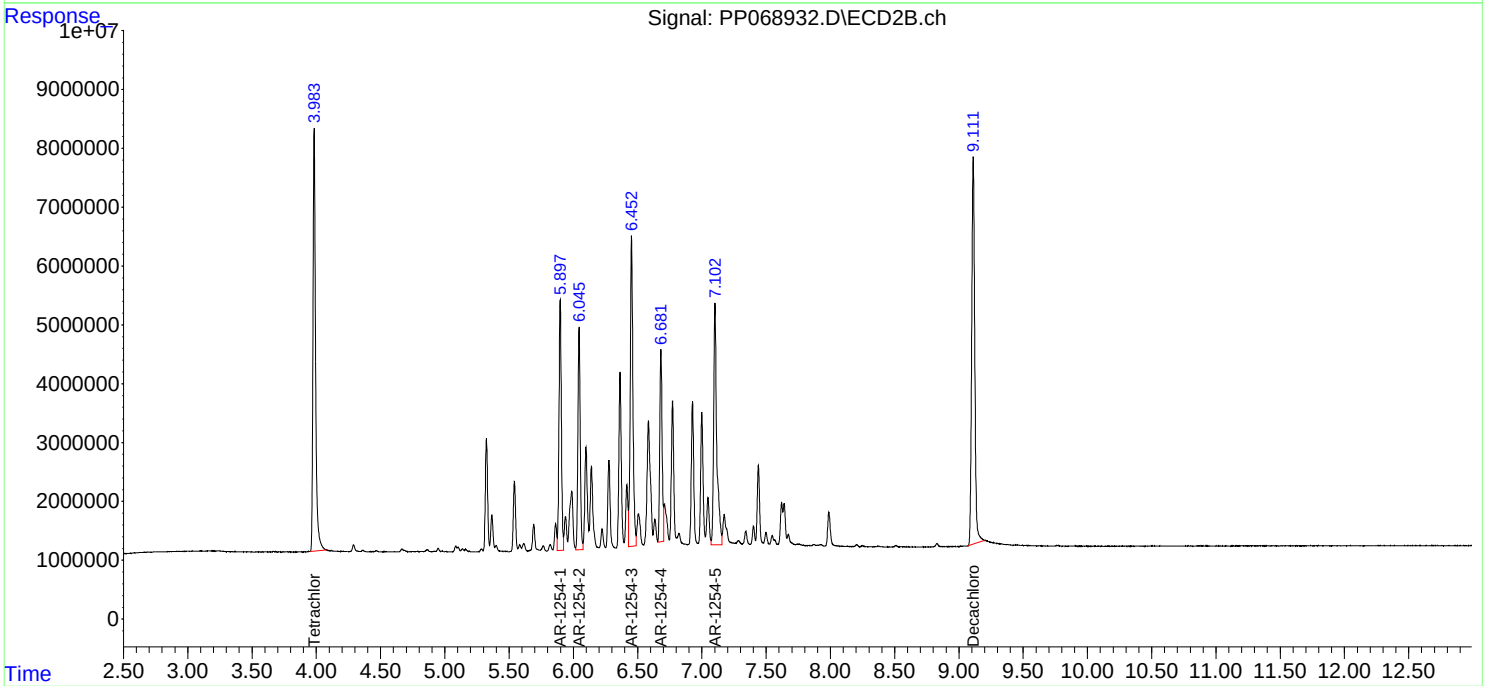
Manual Integrations APPROVED

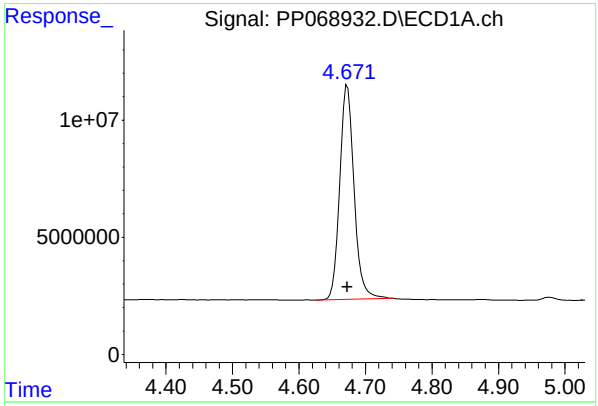
Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:54:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 04:31:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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







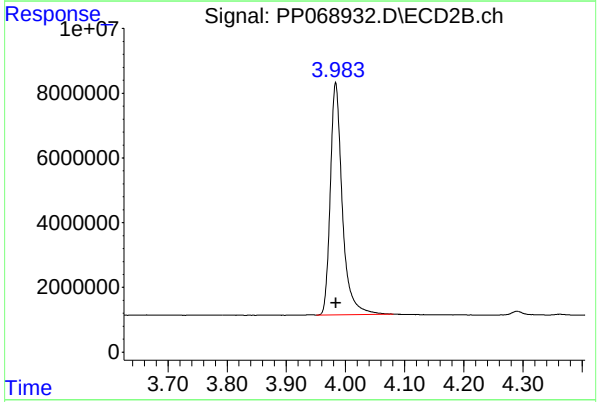
#1 Tetrachloro-m-xylene

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 136577578
Conc: 93.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

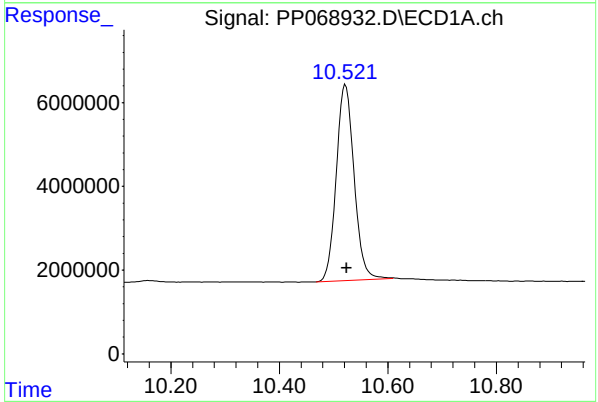
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



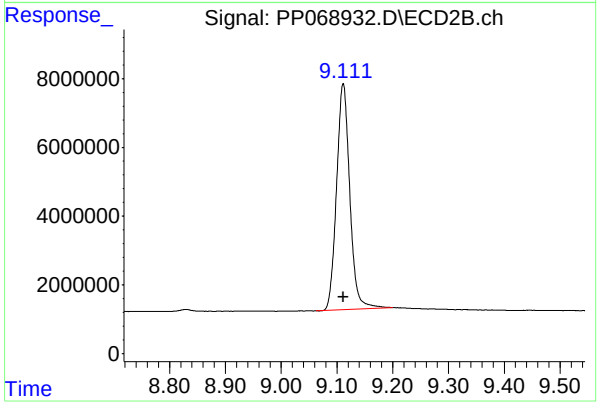
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 100951130
Conc: 95.57 ng/ml



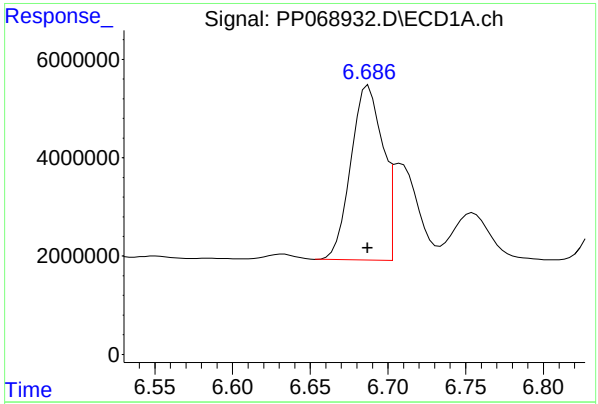
#2 Decachlorobiphenyl

R.T.: 10.522 min
Delta R.T.: -0.002 min
Response: 106683896
Conc: 91.62 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.111 min
Delta R.T.: 0.000 min
Response: 108709644
Conc: 89.88 ng/ml



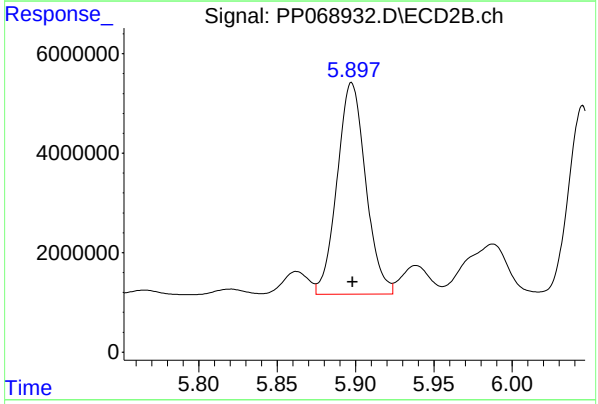
#26 AR-1254-1

R.T.: 6.686 min
Delta R.T.: 0.000 min
Response: 49172649
Conc: 946.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

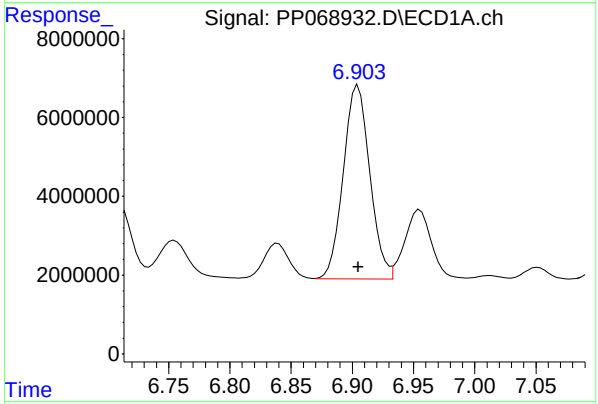
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



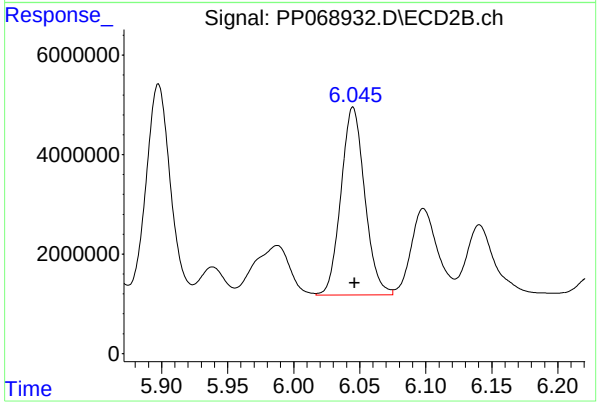
#26 AR-1254-1

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 54013826
Conc: 897.55 ng/ml



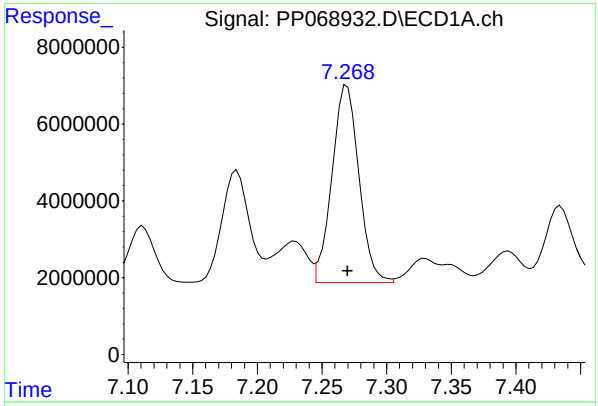
#27 AR-1254-2

R.T.: 6.905 min
Delta R.T.: 0.000 min
Response: 74069643
Conc: 903.11 ng/ml



#27 AR-1254-2

R.T.: 6.045 min
Delta R.T.: -0.001 min
Response: 47307501
Conc: 887.34 ng/ml



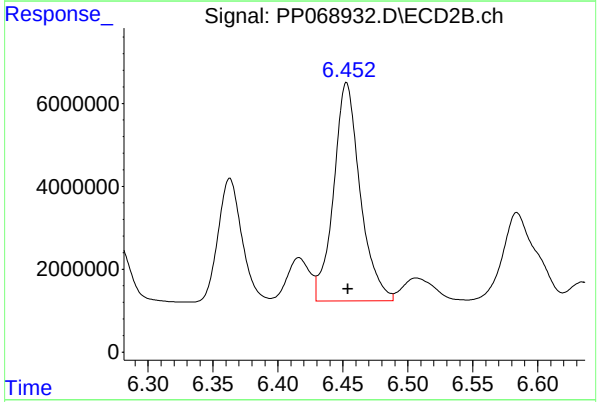
#28 AR-1254-3

R.T.: 7.269 min
Delta R.T.: 0.000 min
Response: 74567235
Conc: 917.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

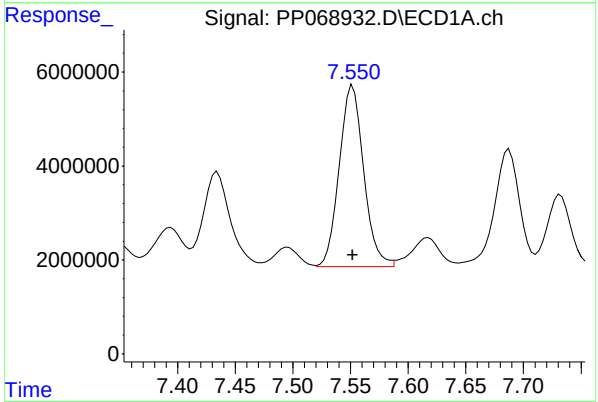
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



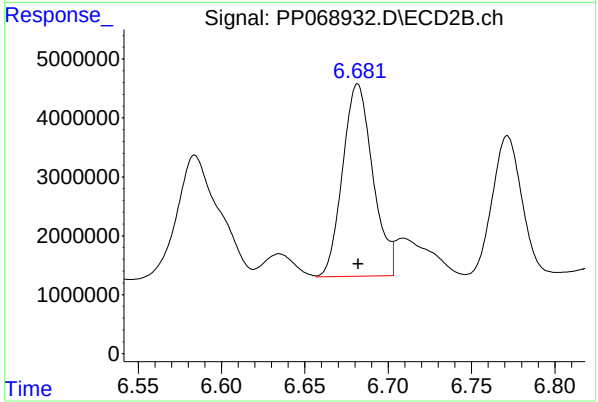
#28 AR-1254-3

R.T.: 6.453 min
Delta R.T.: -0.001 min
Response: 74830722
Conc: 901.42 ng/ml



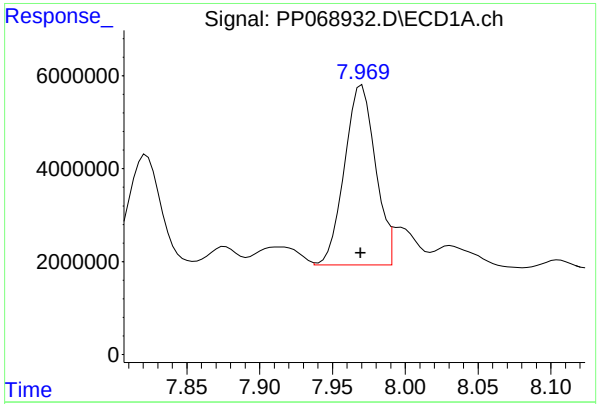
#29 AR-1254-4

R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 56677692
Conc: 922.01 ng/ml



#29 AR-1254-4

R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 41013798
Conc: 905.92 ng/ml



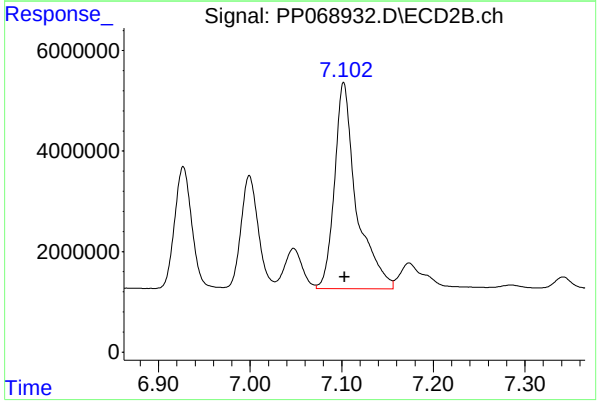
#30 AR-1254-5

R.T.: 7.969 min
Delta R.T.: 0.000 min
Response: 58716523
Conc: 880.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



#30 AR-1254-5

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 68187162
Conc: 898.58 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068933.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 00:50
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:54:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 04:31:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.671	3.984	106.9E6	75278983	73.071	71.265
2)	SA Decachlor...	10.523	9.112	82683461	83056199	71.012	68.668
	Target Compounds						
26)	L6 AR-1254-1	6.685	5.898	37150274	41511131	714.819m	689.793
27)	L6 AR-1254-2	6.903	6.046	58377926	36681331	711.789	688.028
28)	L6 AR-1254-3	7.267	6.454	58428208	56602418	719.103	681.838
29)	L6 AR-1254-4	7.550	6.682	44143441	31095944	718.110	686.856
30)	L6 AR-1254-5	7.967	7.104	47082426	52459322	705.800m	691.314

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068933.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 00:50
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

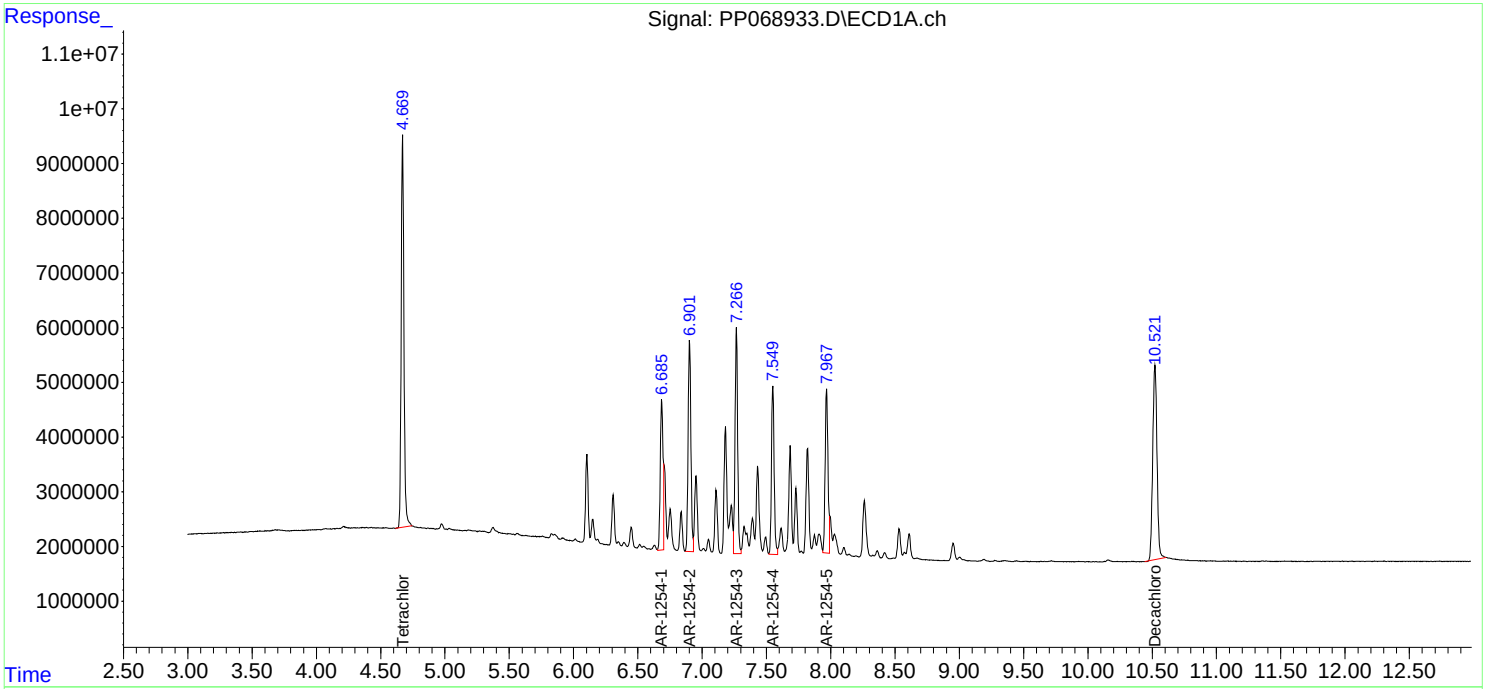
Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

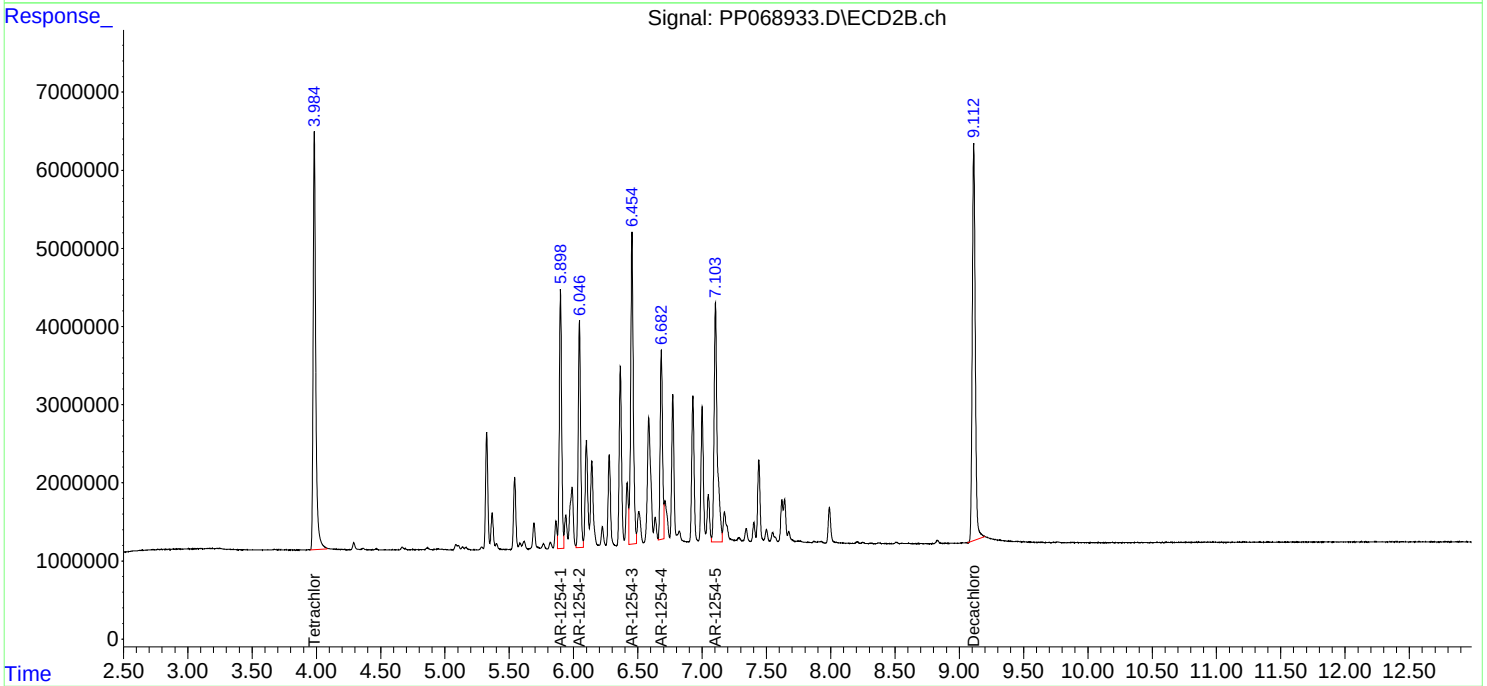
Manual Integrations APPROVED

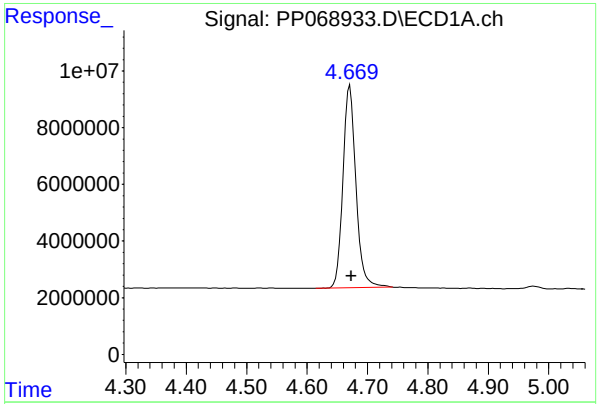
Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:54:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 04:31:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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







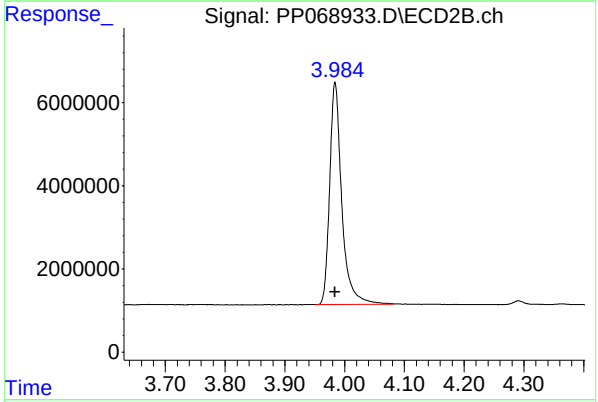
#1 Tetrachloro-m-xylene

R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 106949283
Conc: 73.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

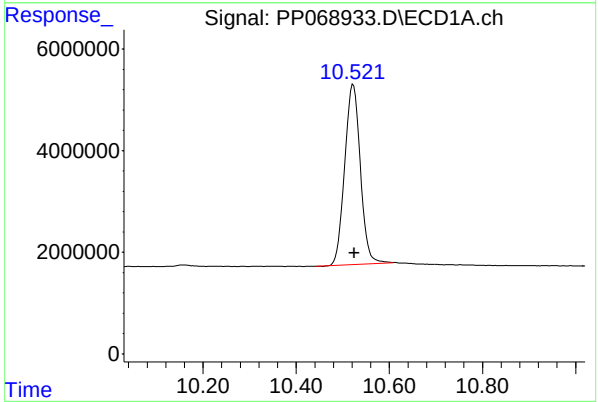
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



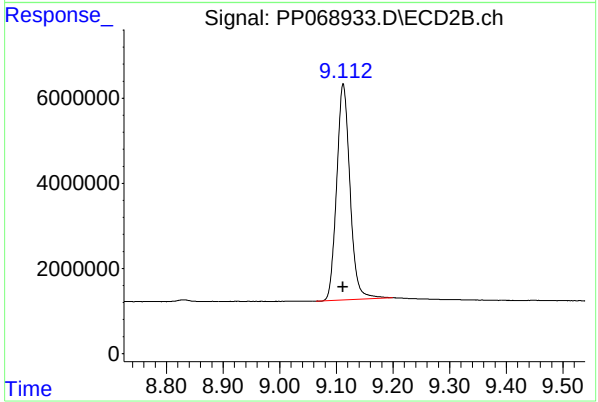
#1 Tetrachloro-m-xylene

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 75278983
Conc: 71.27 ng/ml



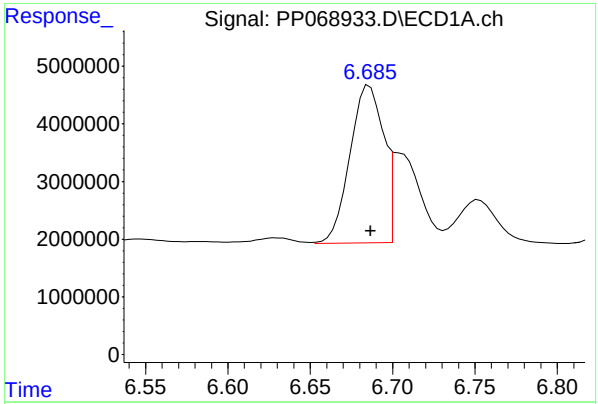
#2 Decachlorobiphenyl

R.T.: 10.523 min
Delta R.T.: -0.002 min
Response: 82683461
Conc: 71.01 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.112 min
Delta R.T.: 0.000 min
Response: 83056199
Conc: 68.67 ng/ml



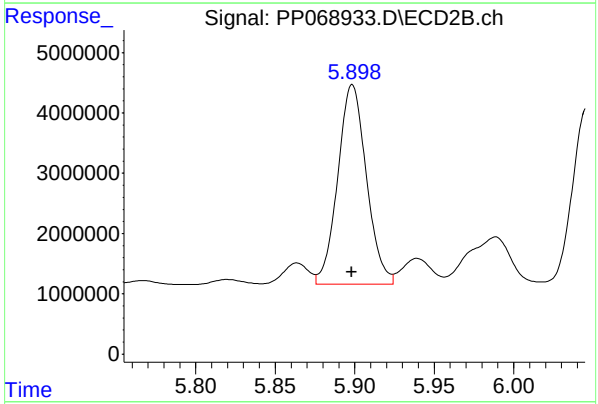
#26 AR-1254-1

R.T.: 6.685 min
Delta R.T.: -0.002 min
Response: 37150274
Conc: 714.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

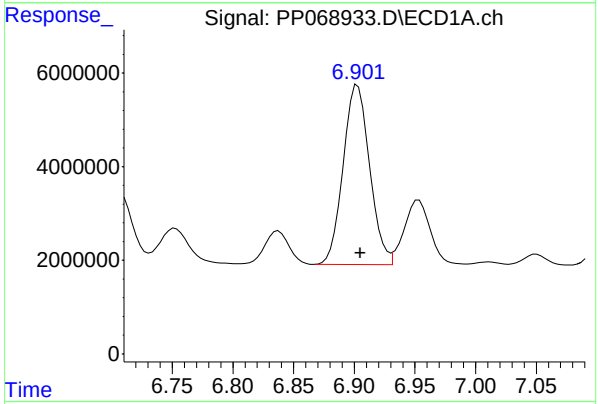
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



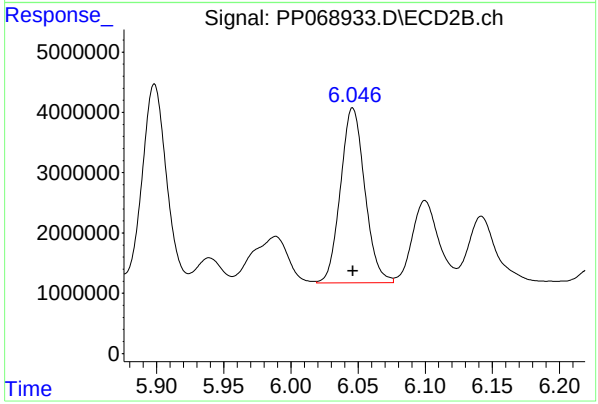
#26 AR-1254-1

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 41511131
Conc: 689.79 ng/ml



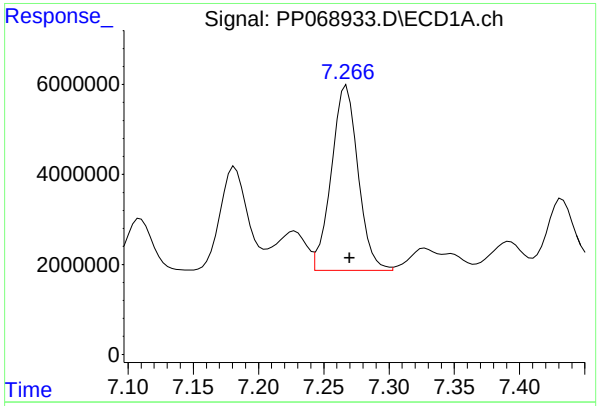
#27 AR-1254-2

R.T.: 6.903 min
Delta R.T.: -0.002 min
Response: 58377926
Conc: 711.79 ng/ml



#27 AR-1254-2

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 36681331
Conc: 688.03 ng/ml



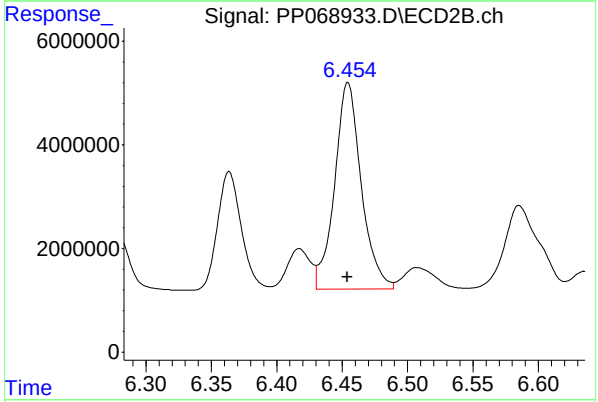
#28 AR-1254-3

R.T.: 7.267 min
Delta R.T.: -0.002 min
Response: 58428208
Conc: 719.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

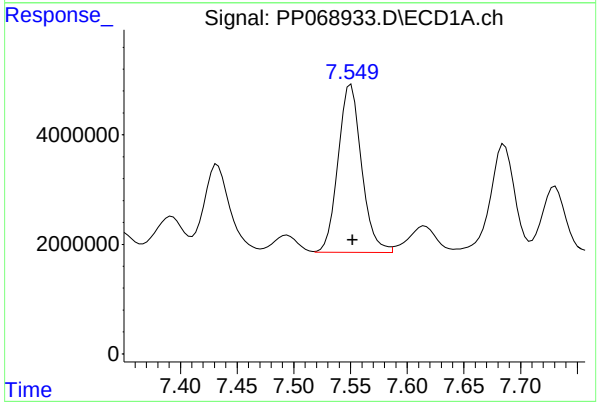
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



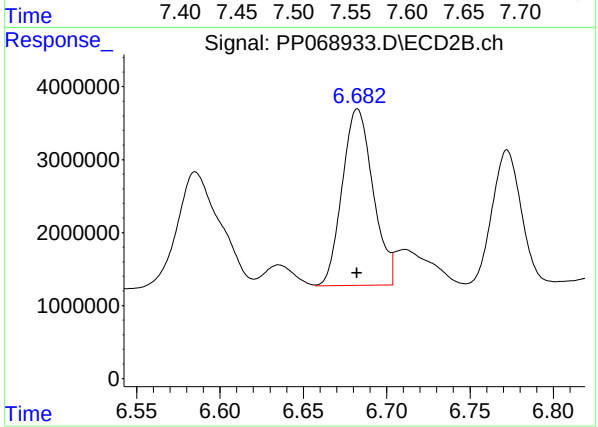
#28 AR-1254-3

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 56602418
Conc: 681.84 ng/ml



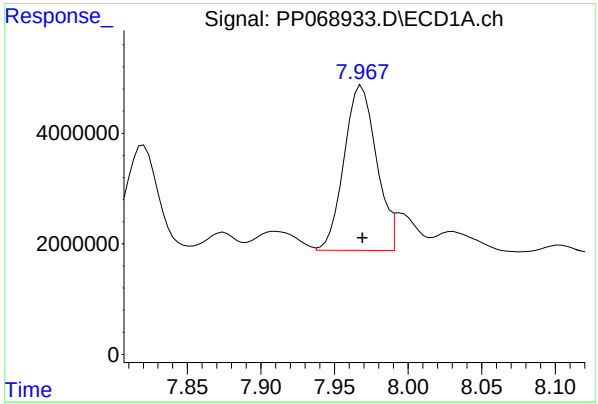
#29 AR-1254-4

R.T.: 7.550 min
Delta R.T.: -0.001 min
Response: 44143441
Conc: 718.11 ng/ml



#29 AR-1254-4

R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 31095944
Conc: 686.86 ng/ml



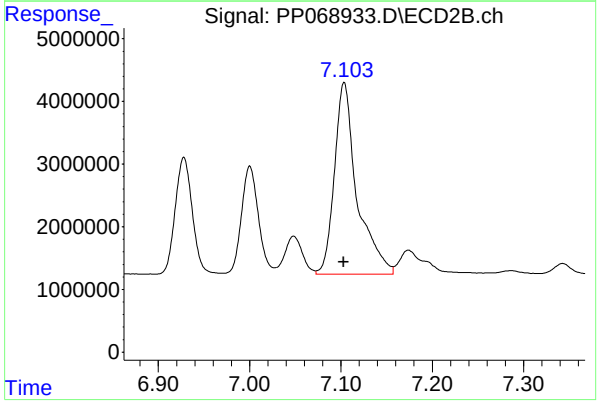
#30 AR-1254-5

R.T.: 7.967 min
Delta R.T.: -0.002 mi
Response: 47082426
Conc: 705.80 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



#30 AR-1254-5

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 52459322
Conc: 691.31 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068934.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 01:06
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:54:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 04:31:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.673	3.984	73181891	52816122	50.000	50.000
2)	SA Decachlor...	10.524	9.112	58218143	60476974	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	6.687	5.898	26805304	30089562	515.768m	500.000
27)	L6 AR-1254-2	6.905	6.046	41007881	26656844	500.000	500.000
28)	L6 AR-1254-3	7.270	6.454	40625772	41507230	500.000	500.000
29)	L6 AR-1254-4	7.552	6.682	30735830	22636451	500.000	500.000
30)	L6 AR-1254-5	7.969	7.103	33231048	37941762	498.158m	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\PP010625\
Data File : PP068934.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 01:06
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

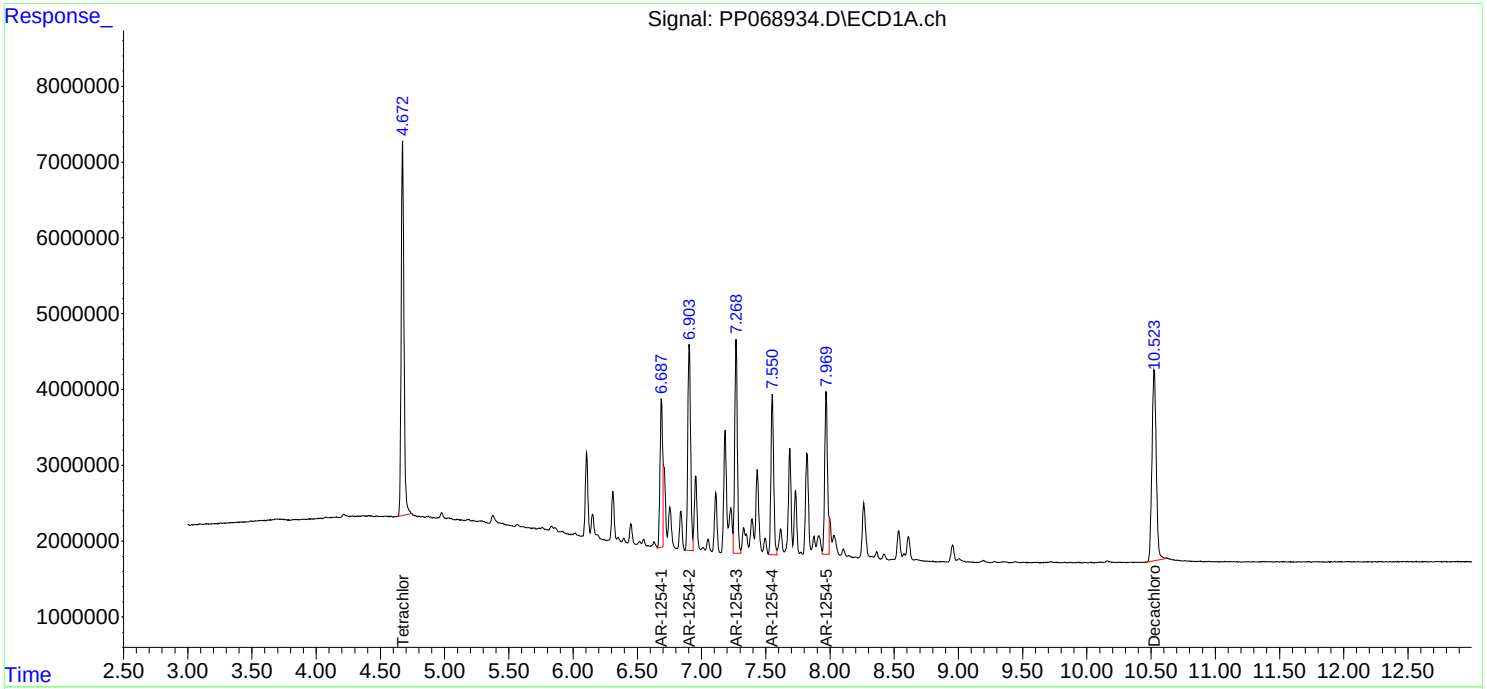
Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

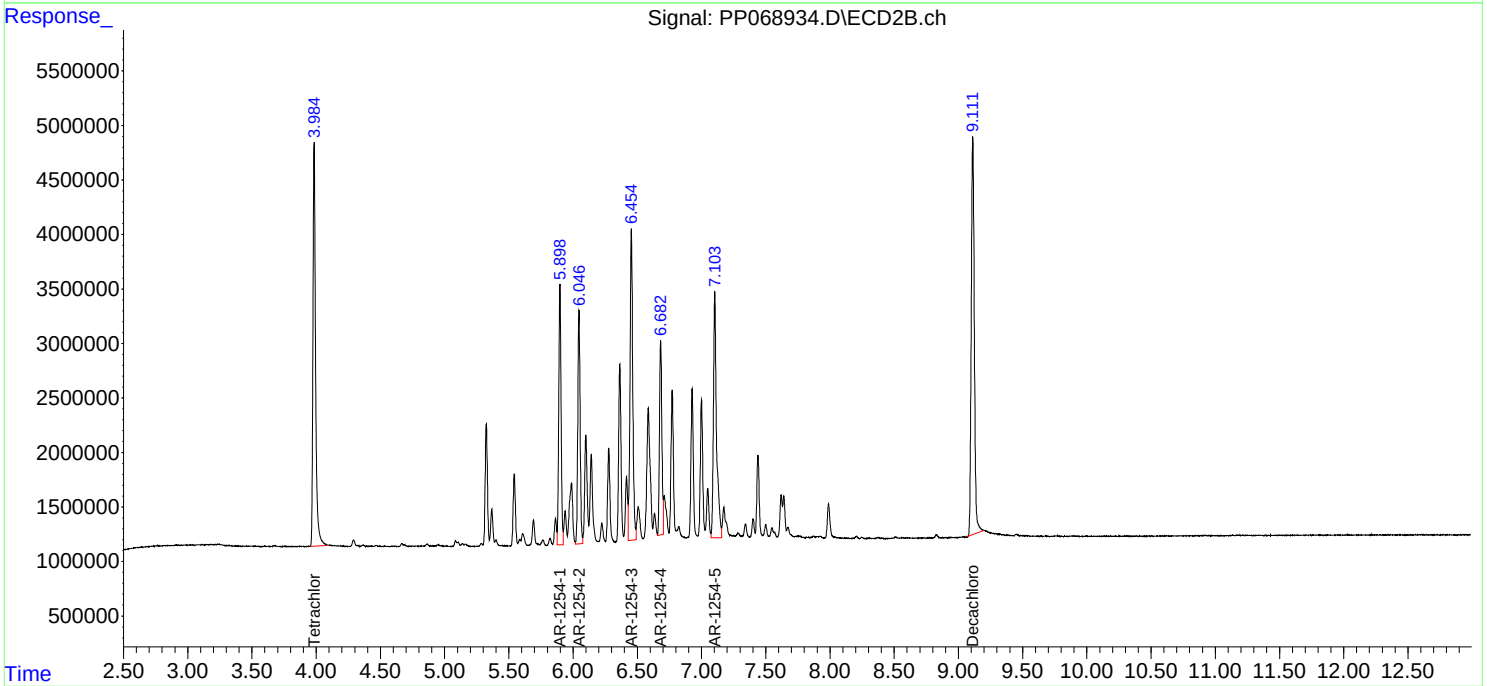
Manual Integrations APPROVED

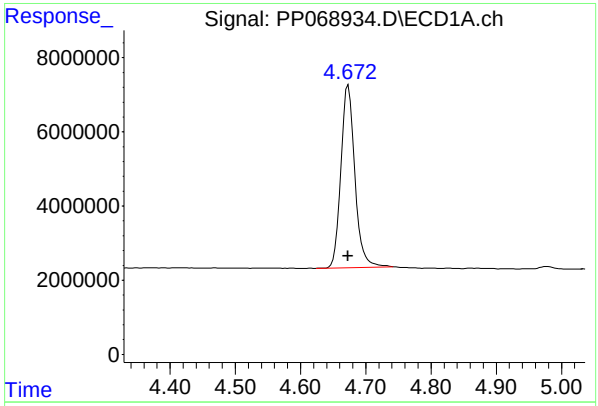
Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:54:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 04:31:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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







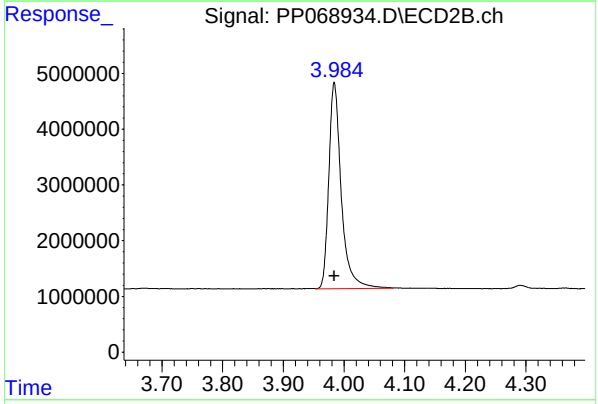
#1 Tetrachloro-m-xylene

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 73181891
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

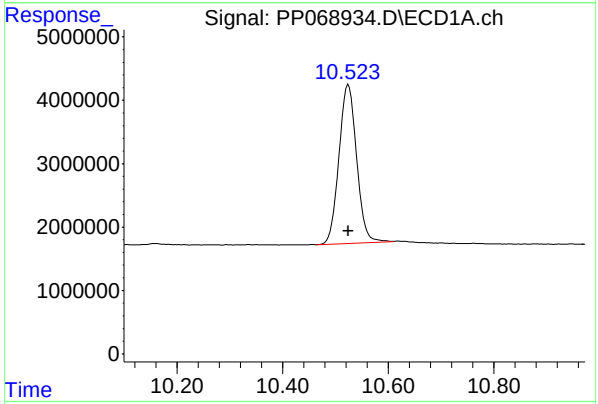
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



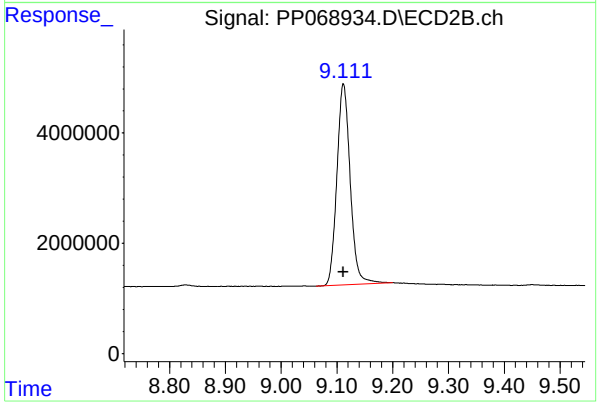
#1 Tetrachloro-m-xylene

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 52816122
Conc: 50.00 ng/ml



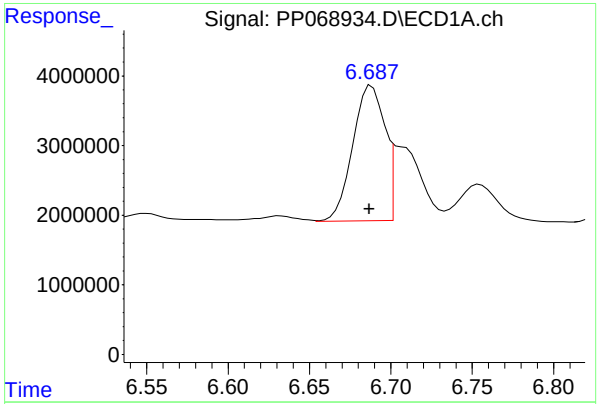
#2 Decachlorobiphenyl

R.T.: 10.524 min
Delta R.T.: 0.000 min
Response: 58218143
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.112 min
Delta R.T.: 0.000 min
Response: 60476974
Conc: 50.00 ng/ml



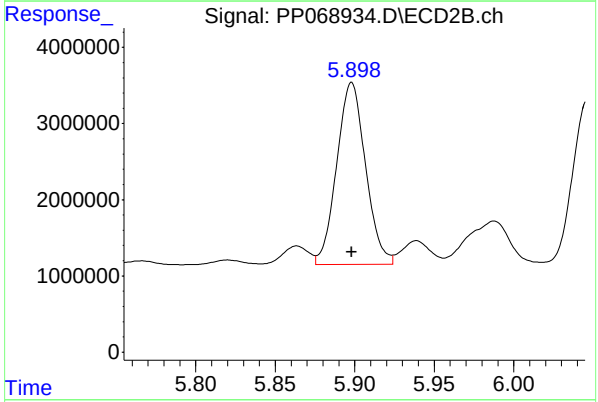
#26 AR-1254-1

R.T.: 6.687 min
Delta R.T.: 0.000 min
Response: 26805304
Conc: 515.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

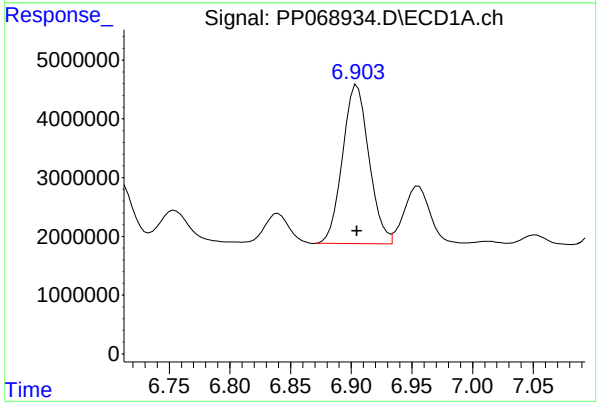
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



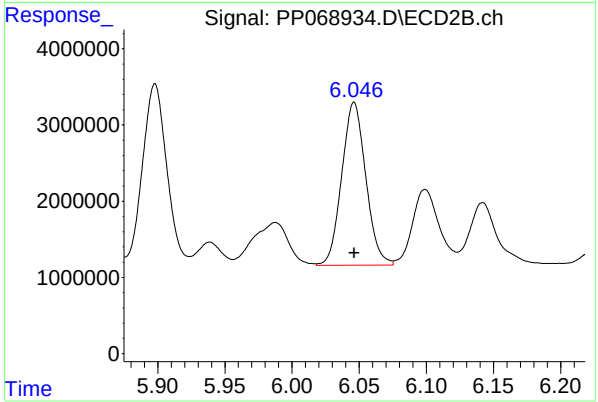
#26 AR-1254-1

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 30089562
Conc: 500.00 ng/ml



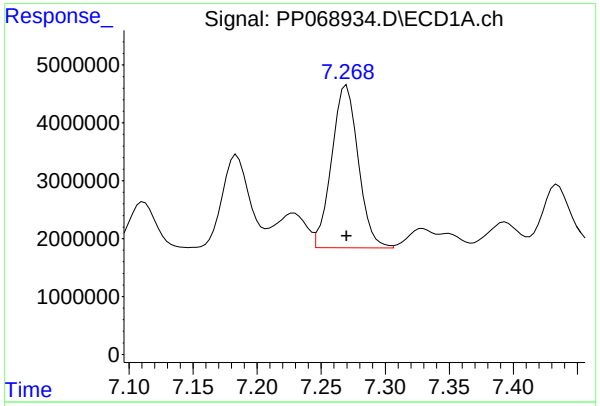
#27 AR-1254-2

R.T.: 6.905 min
Delta R.T.: 0.000 min
Response: 41007881
Conc: 500.00 ng/ml



#27 AR-1254-2

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 26656844
Conc: 500.00 ng/ml



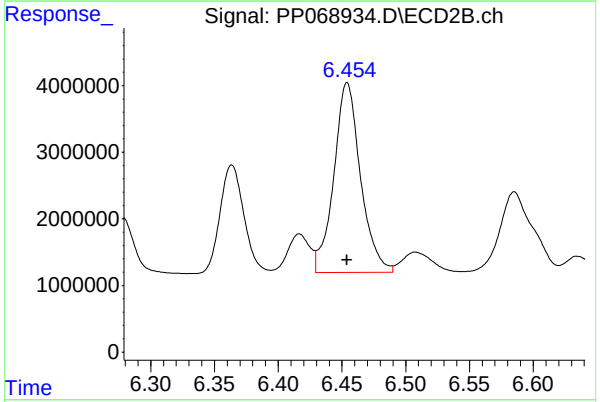
#28 AR-1254-3

R.T.: 7.270 min
Delta R.T.: 0.000 min
Response: 40625772
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

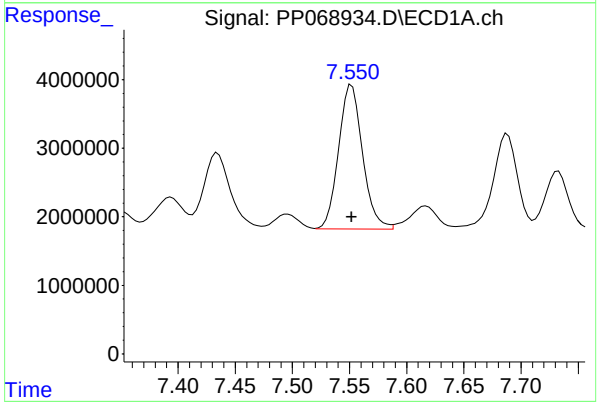
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



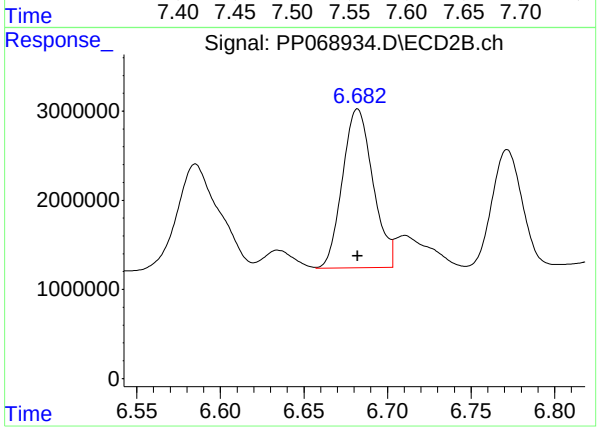
#28 AR-1254-3

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 41507230
Conc: 500.00 ng/ml



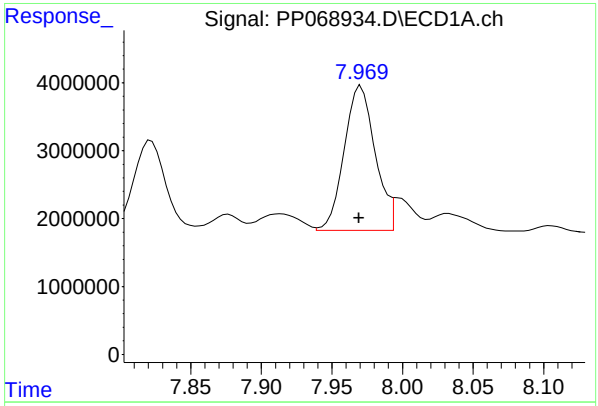
#29 AR-1254-4

R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 30735830
Conc: 500.00 ng/ml



#29 AR-1254-4

R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 22636451
Conc: 500.00 ng/ml



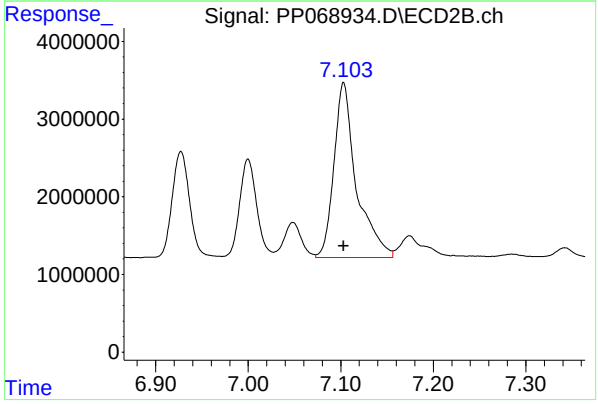
#30 AR-1254-5

R.T.: 7.969 min
Delta R.T.: 0.000 min
Response: 33231048
Conc: 498.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



#30 AR-1254-5

R.T.: 7.103 min
Delta R.T.: 0.000 min
Response: 37941762
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068935.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 01:22
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:55:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 04:31:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.672	3.983	37802873	26914889	25.828	25.480
2)	SA Decachlor...	10.524	9.112	30405057	32949823	26.113	27.242
	Target Compounds						
26)	L6 AR-1254-1	6.686	5.898	14519383	16528283	279.371m	274.651
27)	L6 AR-1254-2	6.904	6.045	21595154	14763310	263.305	276.914
28)	L6 AR-1254-3	7.268	6.454	21385186	22387356	263.197	269.680
29)	L6 AR-1254-4	7.551	6.682	16198411	12382863	263.510	273.516
30)	L6 AR-1254-5	7.968	7.102	16873594	19999727	252.947m	263.558

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068935.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 01:22
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

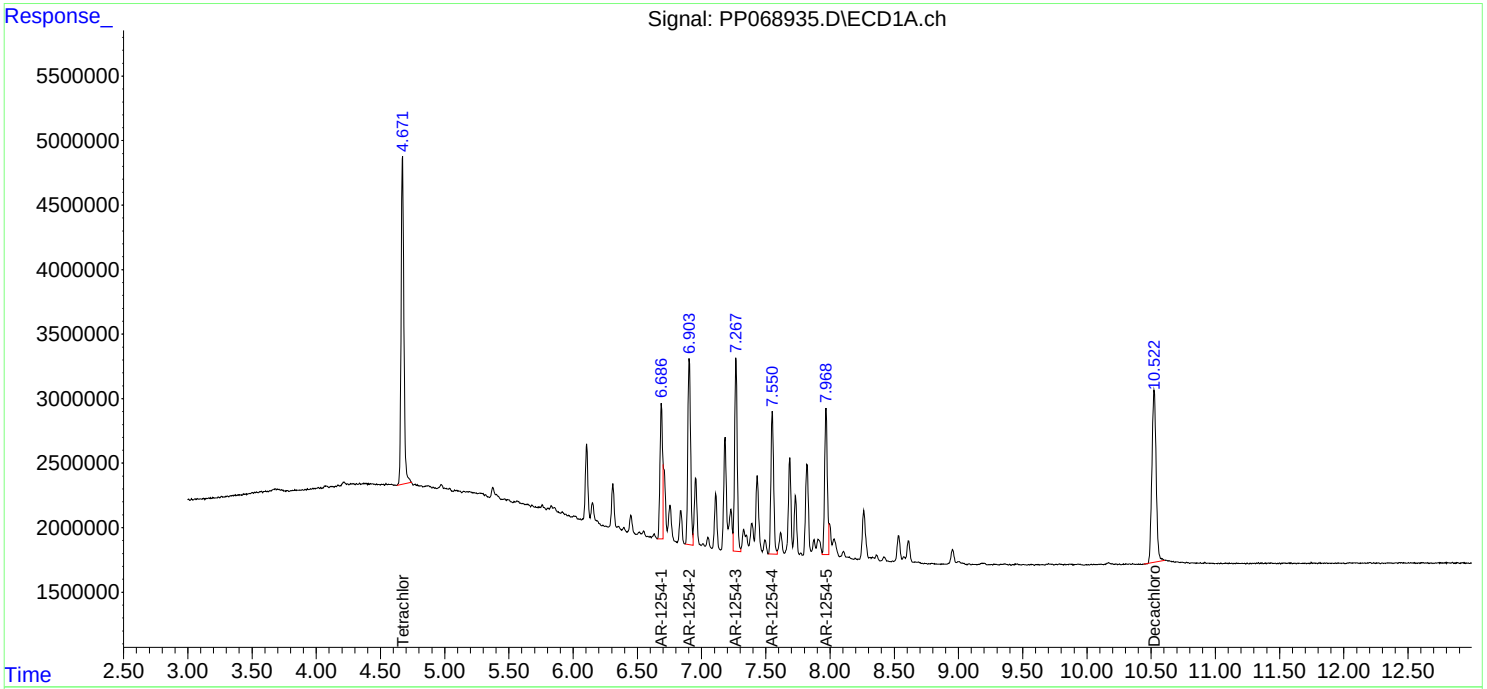
Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

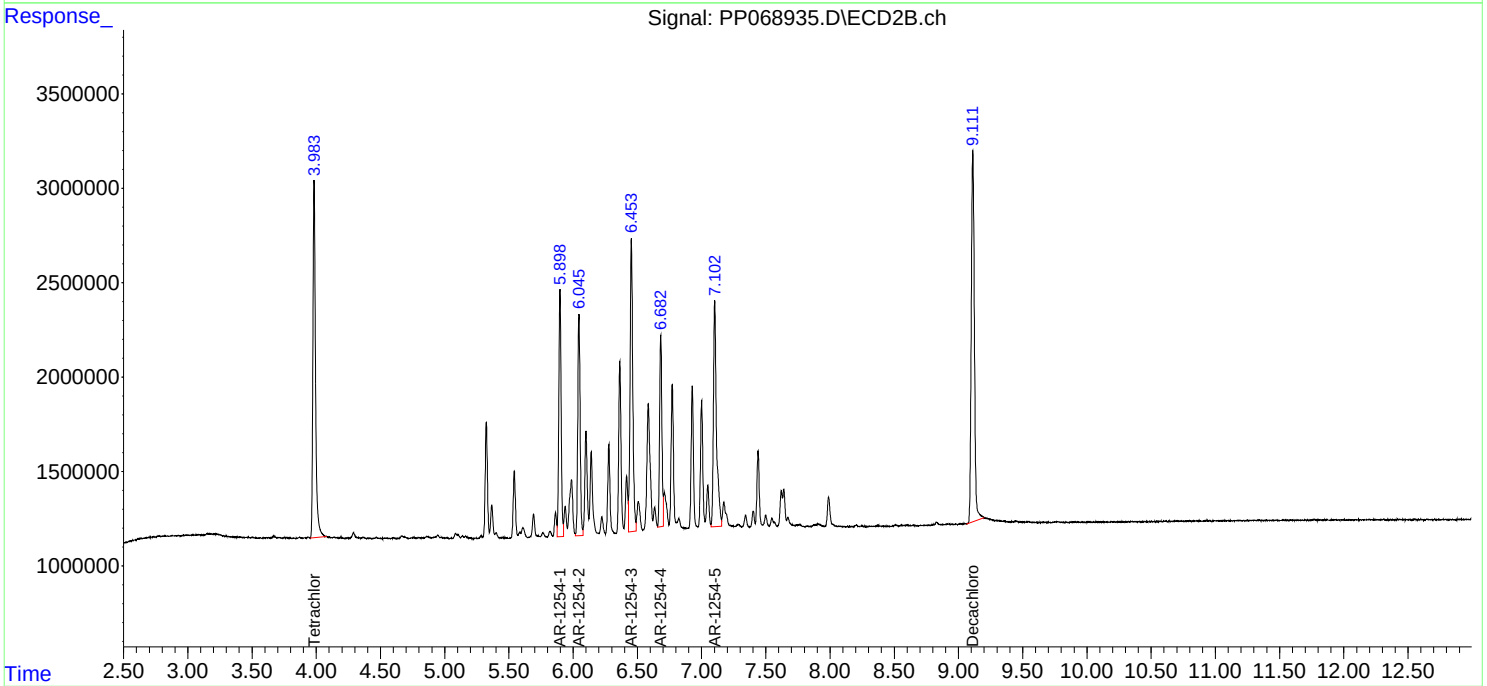
Manual Integrations APPROVED

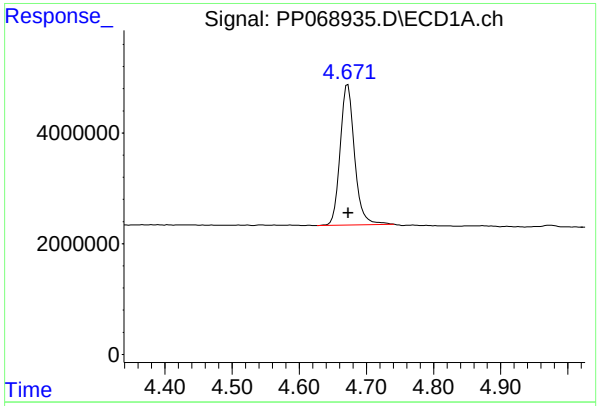
Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:55:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 04:31:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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







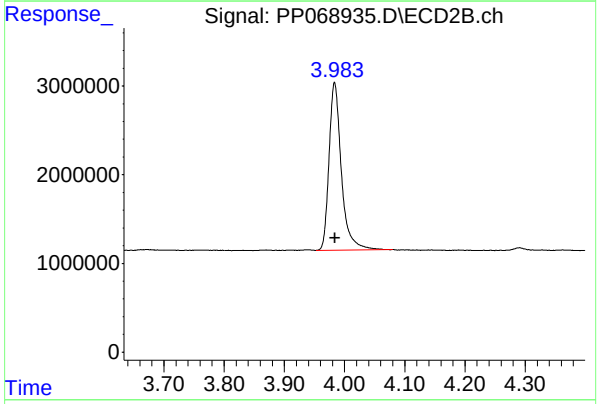
#1 Tetrachloro-m-xylene

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 37802873
Conc: 25.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

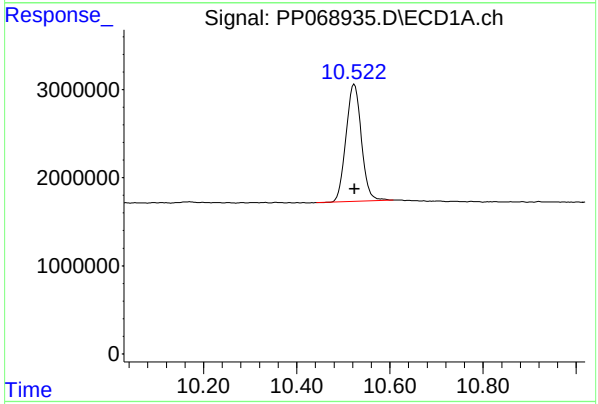
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



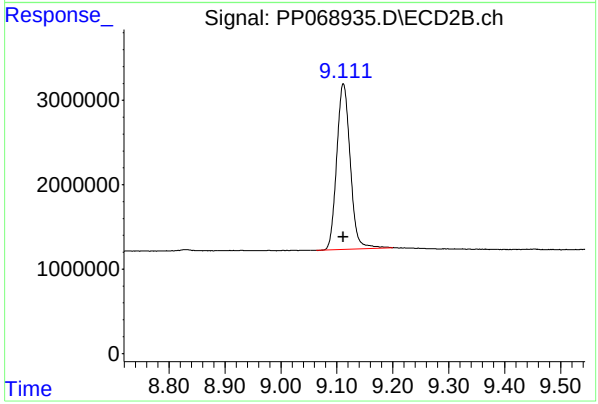
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 26914889
Conc: 25.48 ng/ml



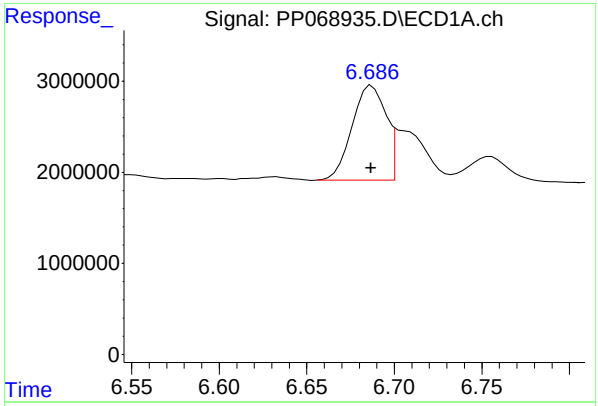
#2 Decachlorobiphenyl

R.T.: 10.524 min
Delta R.T.: 0.000 min
Response: 30405057
Conc: 26.11 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.112 min
Delta R.T.: 0.000 min
Response: 32949823
Conc: 27.24 ng/ml



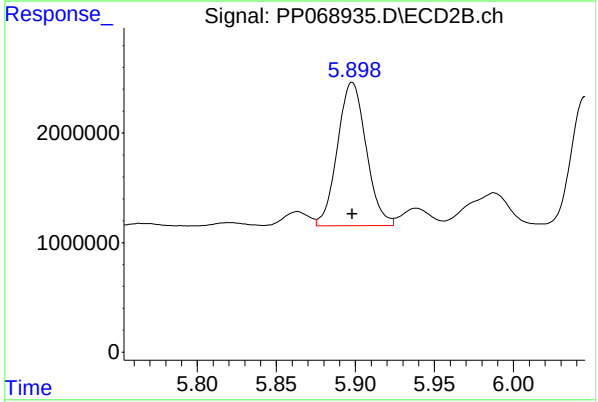
#26 AR-1254-1

R.T.: 6.686 min
Delta R.T.: 0.000 min
Response: 14519383
Conc: 279.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

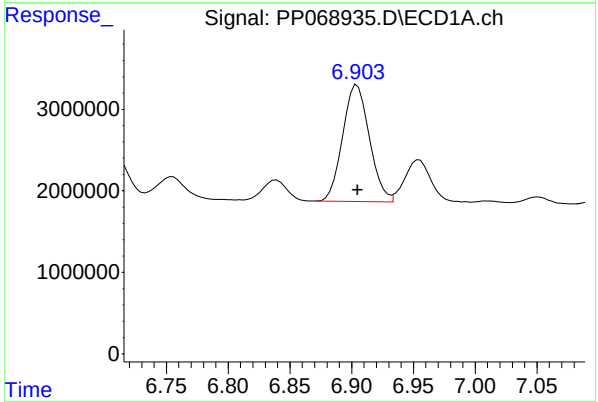
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



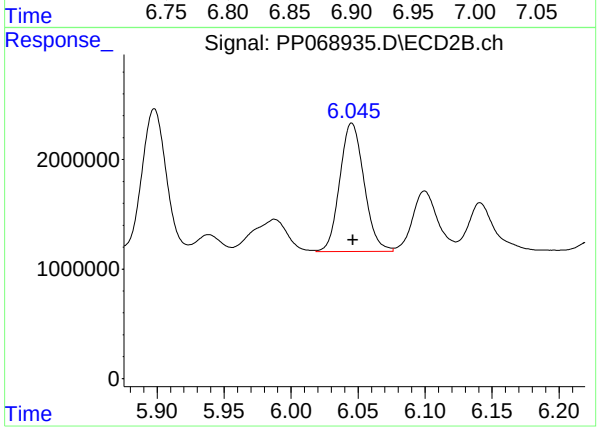
#26 AR-1254-1

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 16528283
Conc: 274.65 ng/ml



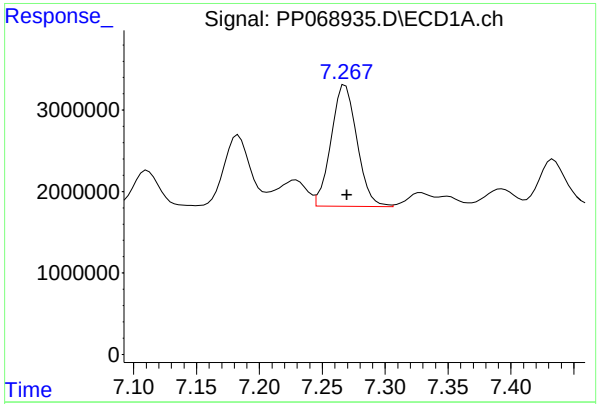
#27 AR-1254-2

R.T.: 6.904 min
Delta R.T.: 0.000 min
Response: 21595154
Conc: 263.30 ng/ml



#27 AR-1254-2

R.T.: 6.045 min
Delta R.T.: 0.000 min
Response: 14763310
Conc: 276.91 ng/ml



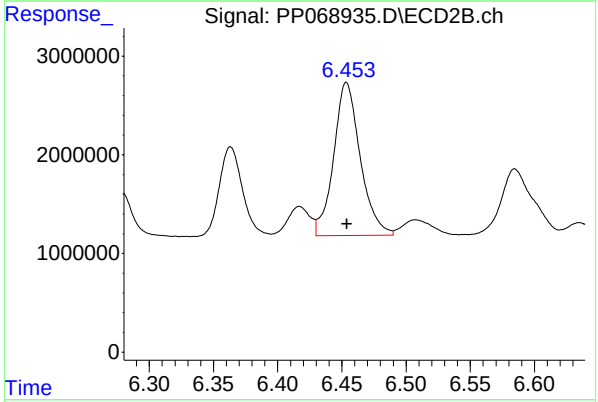
#28 AR-1254-3

R.T.: 7.268 min
Delta R.T.: -0.001 min
Response: 21385186
Conc: 263.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

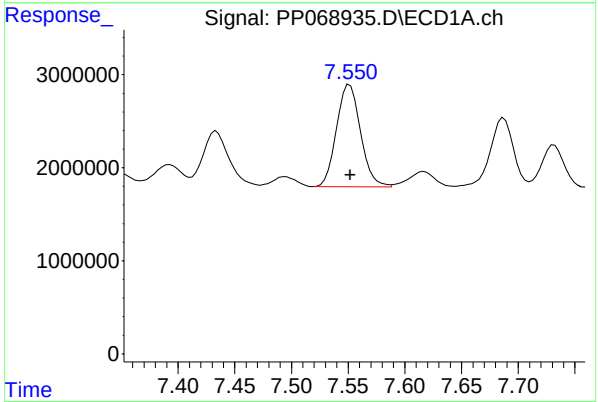
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



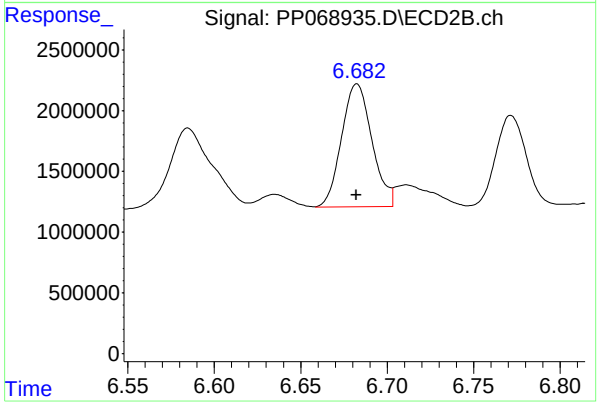
#28 AR-1254-3

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 22387356
Conc: 269.68 ng/ml



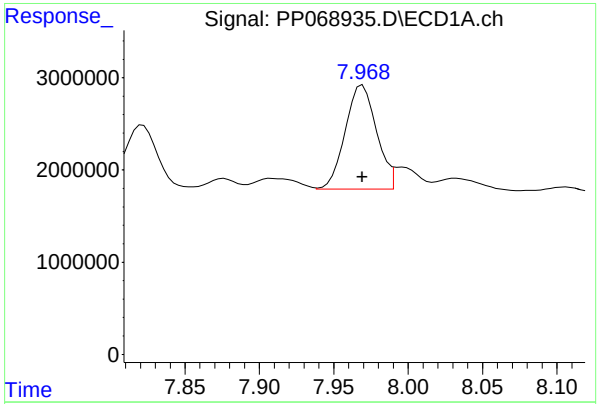
#29 AR-1254-4

R.T.: 7.551 min
Delta R.T.: 0.000 min
Response: 16198411
Conc: 263.51 ng/ml



#29 AR-1254-4

R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 12382863
Conc: 273.52 ng/ml



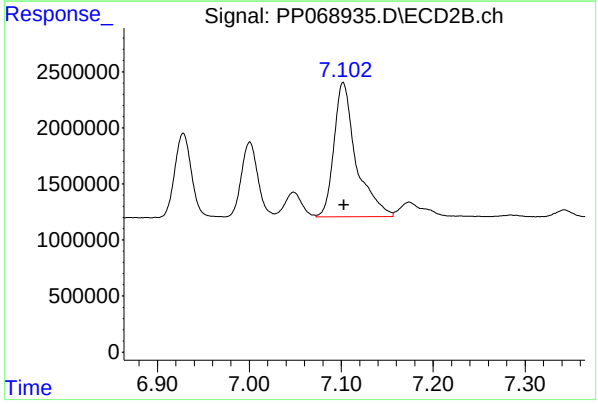
#30 AR-1254-5

R.T.: 7.968 min
Delta R.T.: -0.001 min
Response: 16873594
Conc: 252.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



#30 AR-1254-5

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 19999727
Conc: 263.56 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068936.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 01:39
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:55:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 04:31:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.673	3.984	6642830	4956174	4.539	4.692
2)	SA Decachlor...	10.525	9.113	5801484	7148830	4.983	5.910
	Target Compounds						
26)	L6 AR-1254-1	6.687	5.898	2793348	3250224	53.748m	54.009
27)	L6 AR-1254-2	6.906	6.047	4311413	2945560	52.568	55.250
28)	L6 AR-1254-3	7.270	6.454	4181266	4436967	51.461	53.448
29)	L6 AR-1254-4	7.553	6.683	3134753	2386058	50.995	52.704
30)	L6 AR-1254-5	7.970	7.104	3205914	3951907	48.059m	52.079

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068936.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 01:39
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

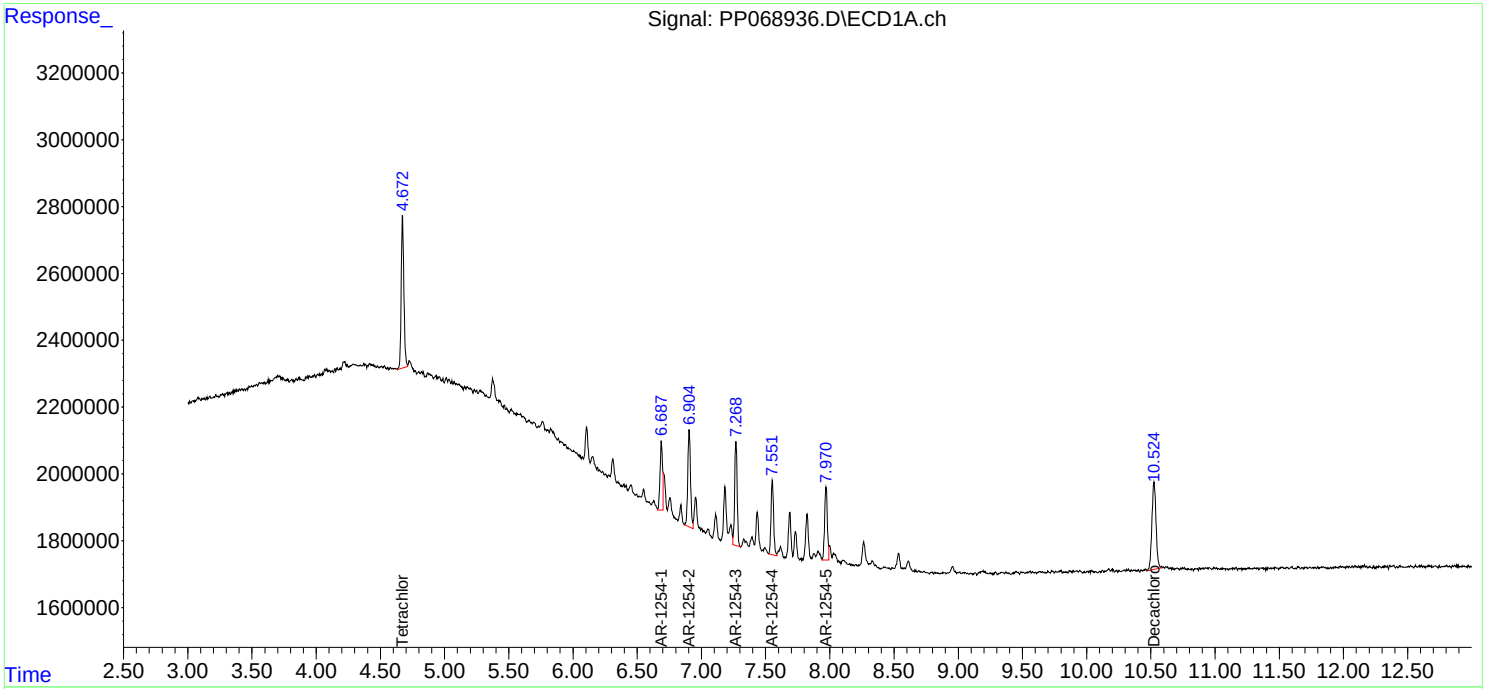
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

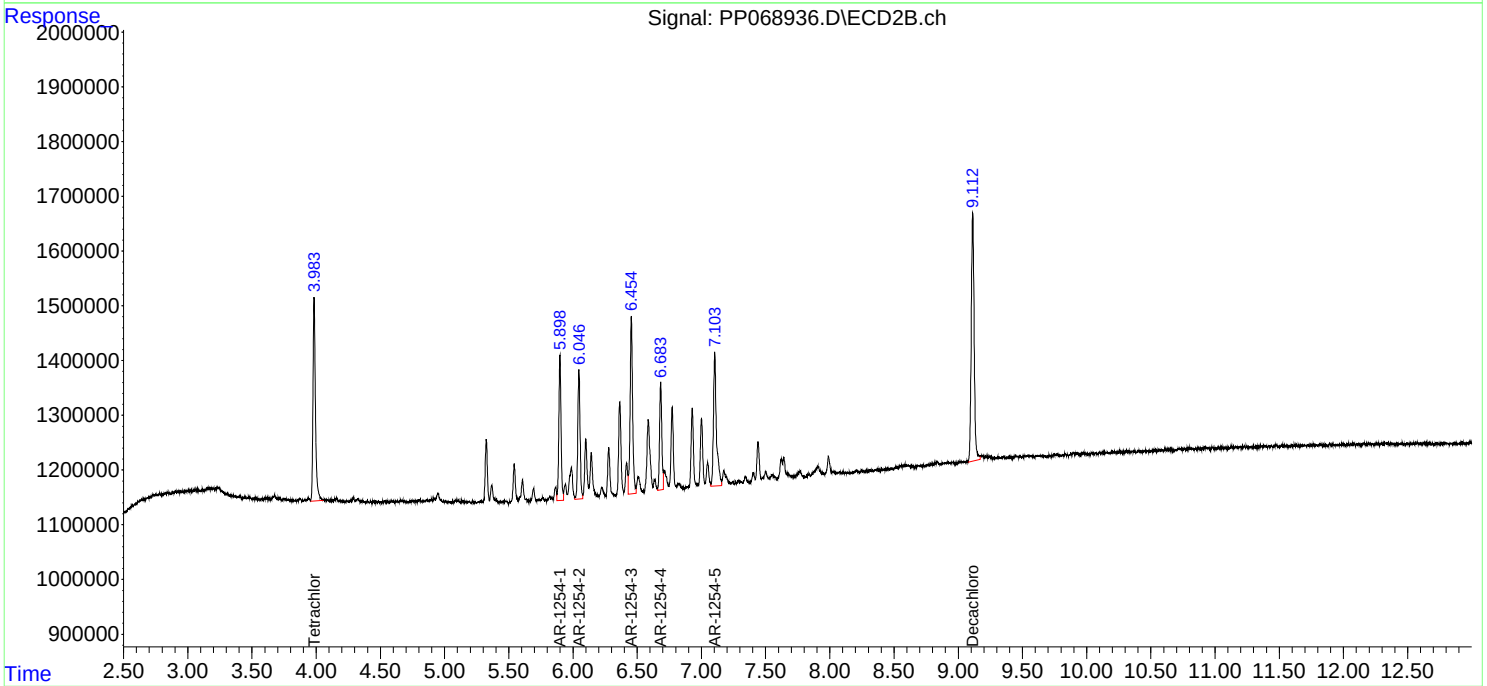
Manual Integrations APPROVED

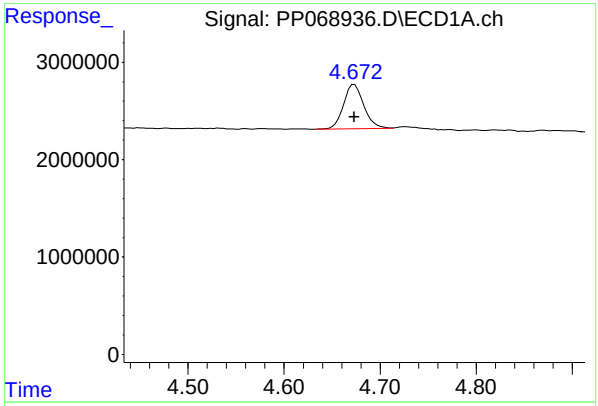
Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:55:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 04:31:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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







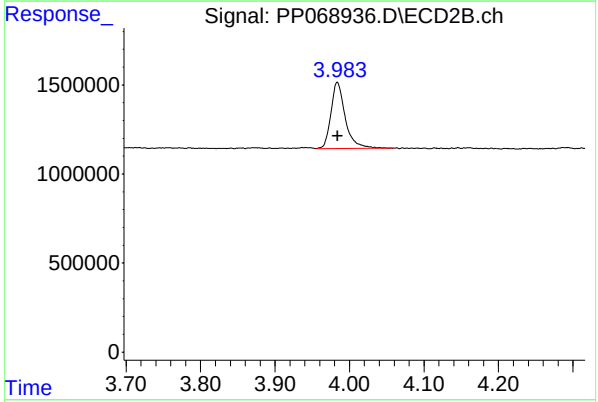
#1 Tetrachloro-m-xylene

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 6642830
Conc: 4.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

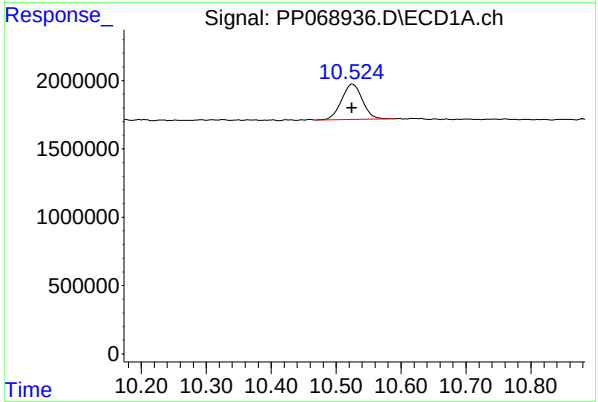
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



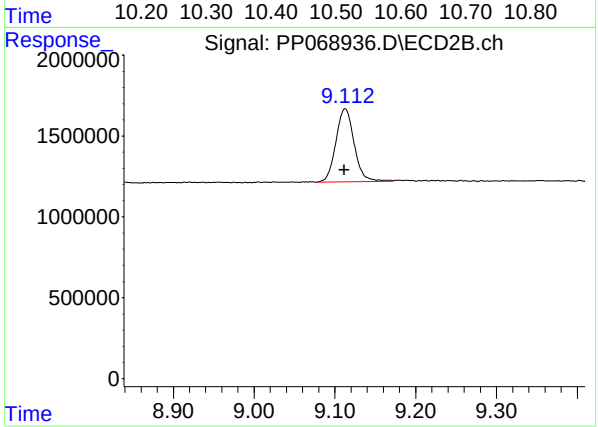
#1 Tetrachloro-m-xylene

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 4956174
Conc: 4.69 ng/ml



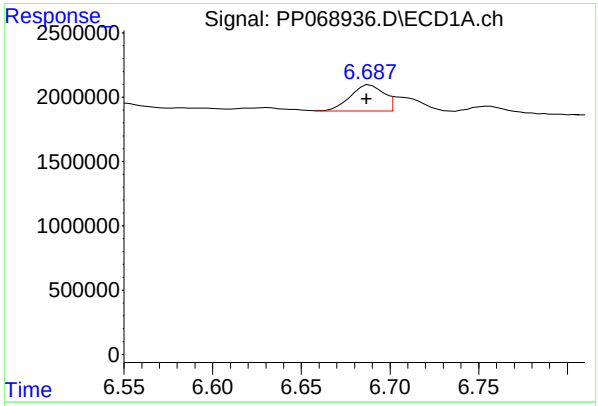
#2 Decachlorobiphenyl

R.T.: 10.525 min
Delta R.T.: 0.001 min
Response: 5801484
Conc: 4.98 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: 0.001 min
Response: 7148830
Conc: 5.91 ng/ml



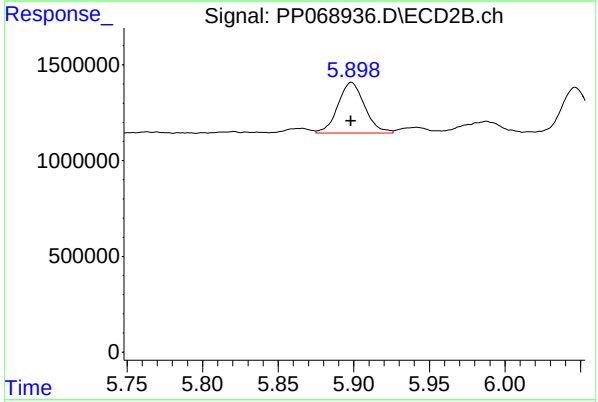
#26 AR-1254-1

R.T.: 6.687 min
Delta R.T.: 0.000 min
Response: 2793348
Conc: 53.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

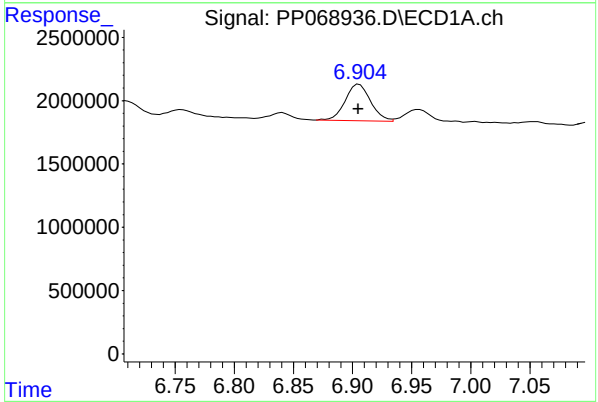
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



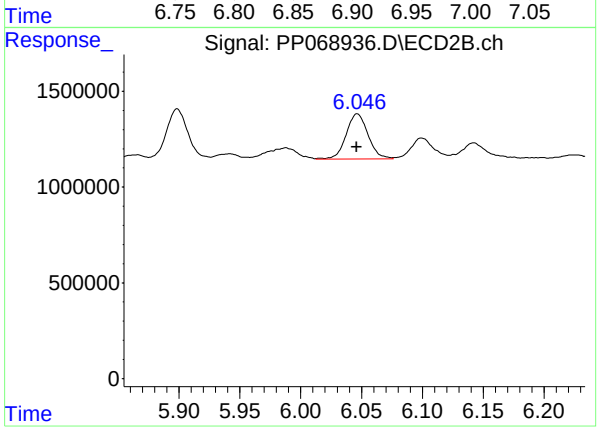
#26 AR-1254-1

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 3250224
Conc: 54.01 ng/ml



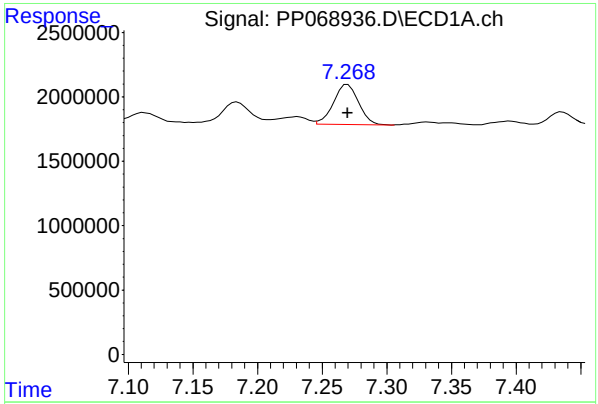
#27 AR-1254-2

R.T.: 6.906 min
Delta R.T.: 0.000 min
Response: 4311413
Conc: 52.57 ng/ml



#27 AR-1254-2

R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 2945560
Conc: 55.25 ng/ml



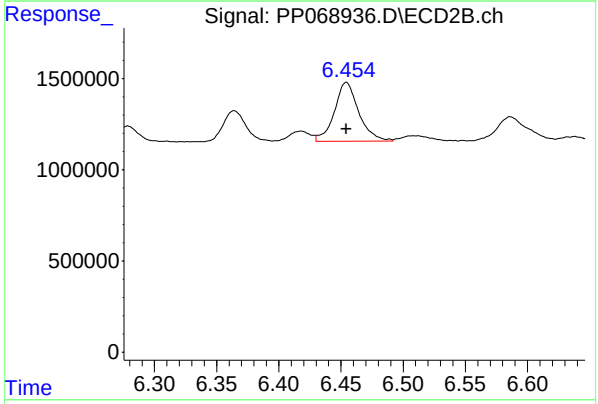
#28 AR-1254-3

R.T.: 7.270 min
Delta R.T.: 0.000 min
Response: 4181266
Conc: 51.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

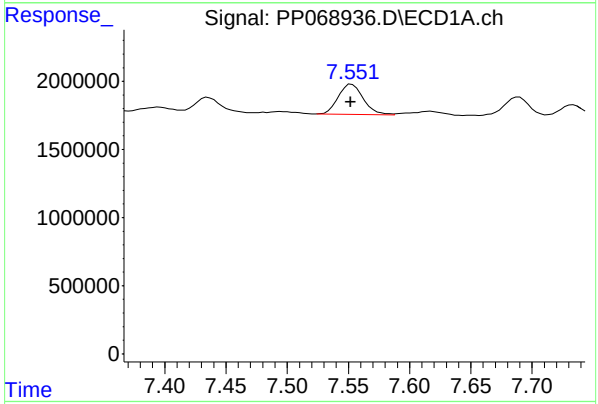
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



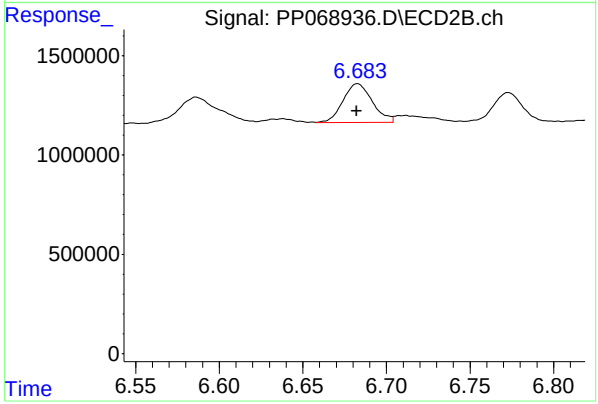
#28 AR-1254-3

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 4436967
Conc: 53.45 ng/ml



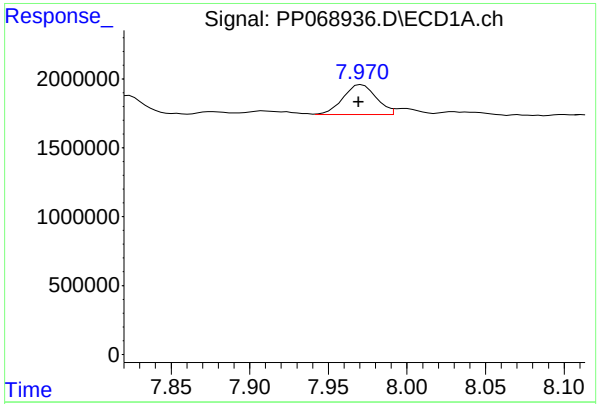
#29 AR-1254-4

R.T.: 7.553 min
Delta R.T.: 0.000 min
Response: 3134753
Conc: 51.00 ng/ml



#29 AR-1254-4

R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 2386058
Conc: 52.70 ng/ml



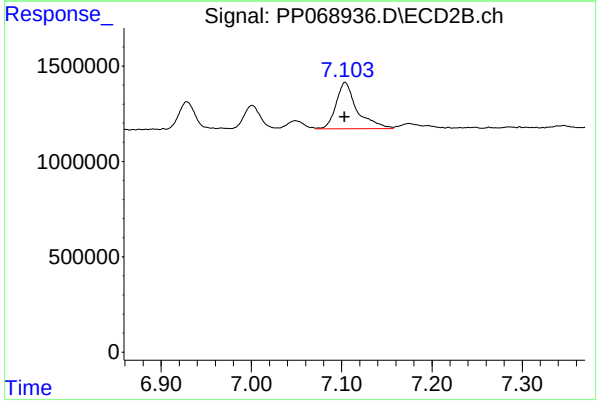
#30 AR-1254-5

R.T.: 7.970 min
Delta R.T.: 0.000 min
Response: 3205914
Conc: 48.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



#30 AR-1254-5

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 3951907
Conc: 52.08 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068937.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 01:55
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 05:36:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:36:09 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.675	3.984	69507266	51457459	50.000	50.000
2)	SA Decachlor...	10.525	9.113	55889671	59383163	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	8.284	7.142	39566513	39926161	500.000	500.000
37)	L8 AR-1262-2	8.615	7.404	72208330	34964080	500.000	500.000
38)	L8 AR-1262-3	8.945	7.929	51279962	28796538	499.554m	500.000
39)	L8 AR-1262-4	9.036	7.993	41550636	50415682	500.000	500.000
40)	L8 AR-1262-5	9.724	8.511	25410731	24409877	500.000	500.000

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068937.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 01:55
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

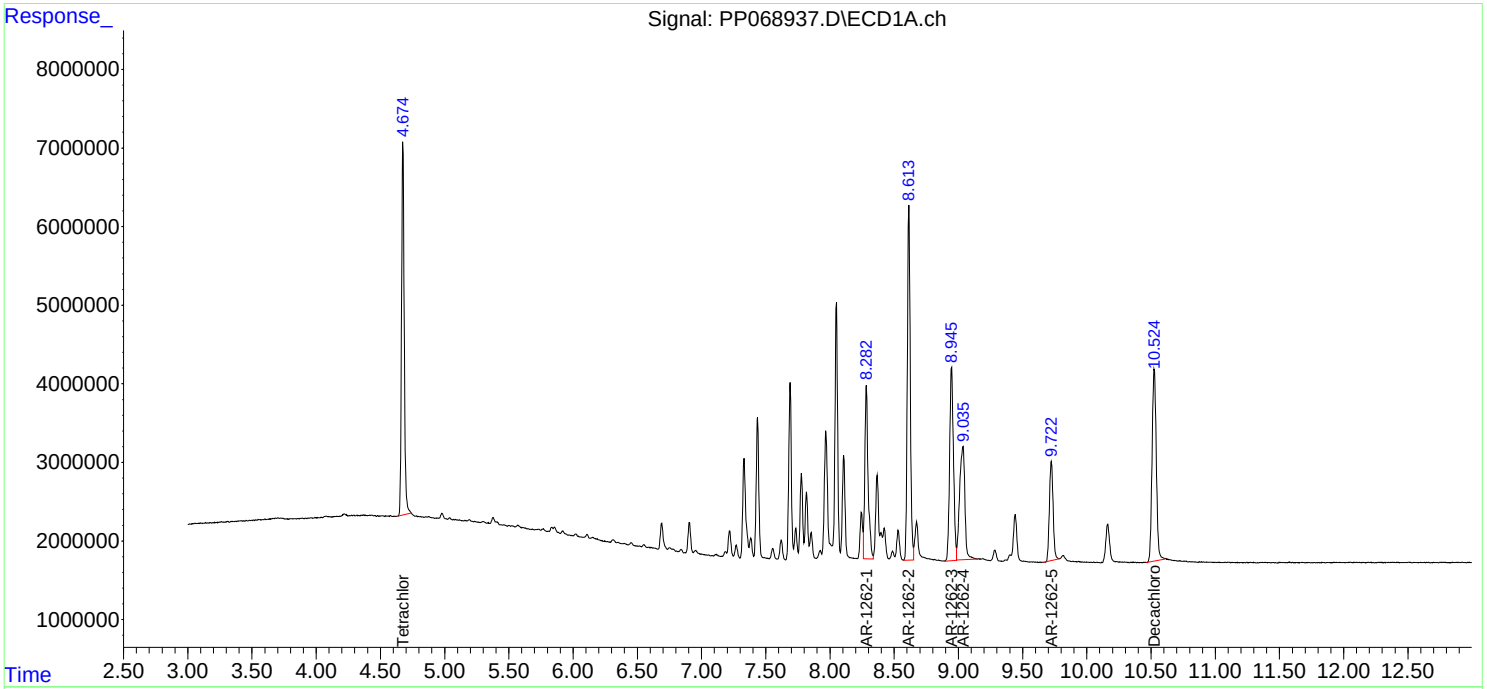
Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

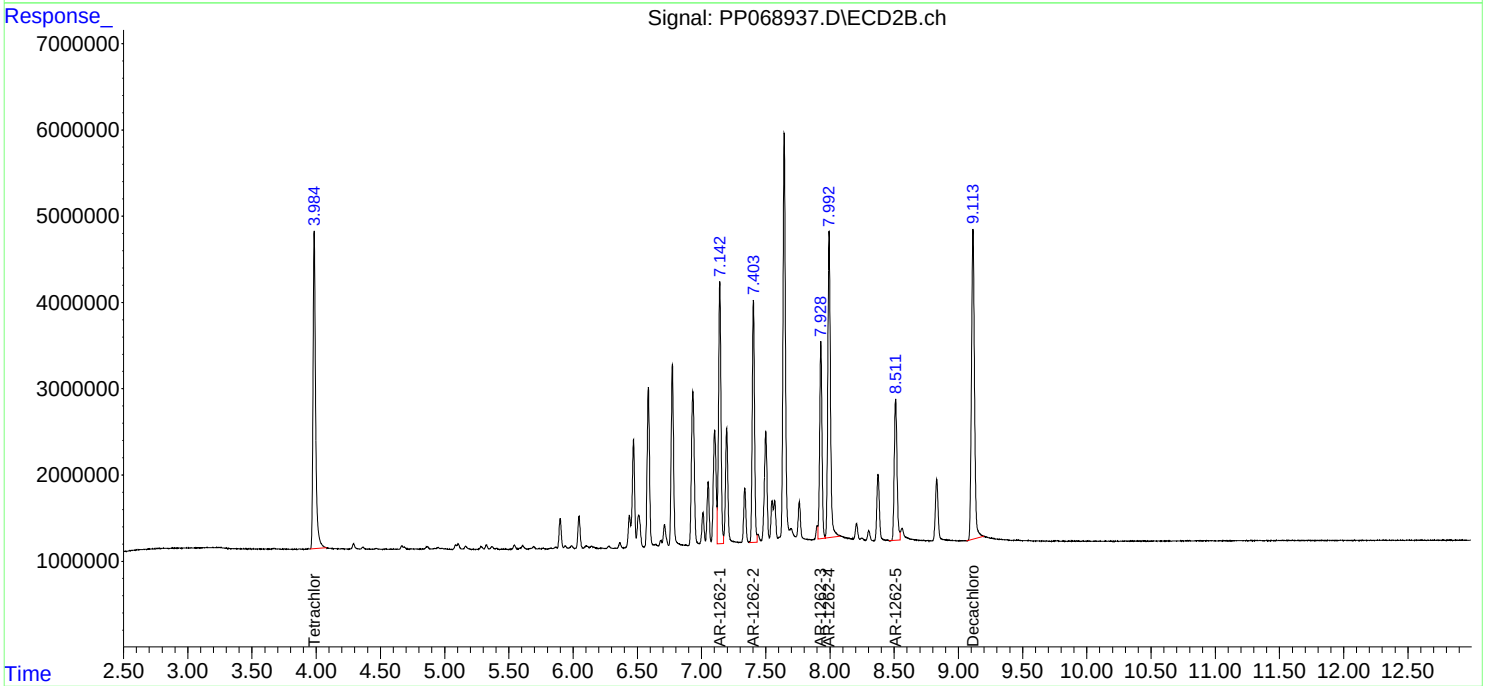
Manual Integrations APPROVED

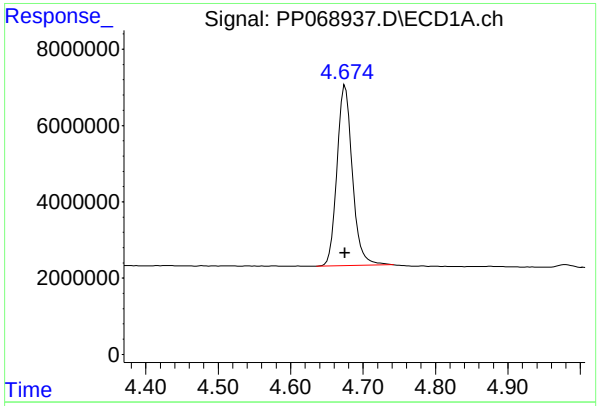
Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 05:36:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:36:09 2025
Response via : Initial Calibration
Integrator: ChemStation

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







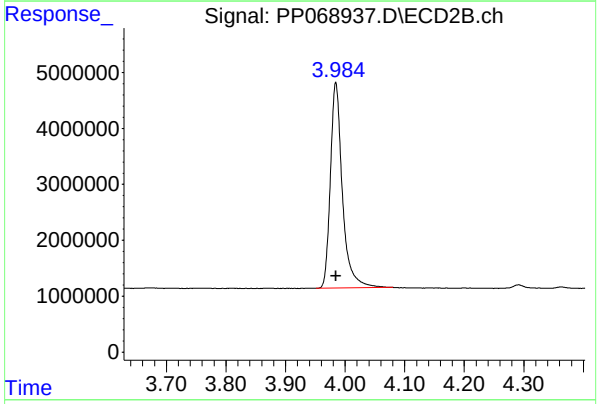
#1 Tetrachloro-m-xylene

R.T.: 4.675 min
Delta R.T.: 0.000 min
Response: 69507266
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

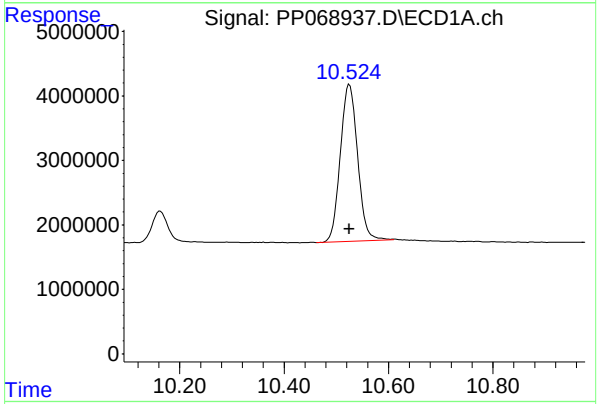
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



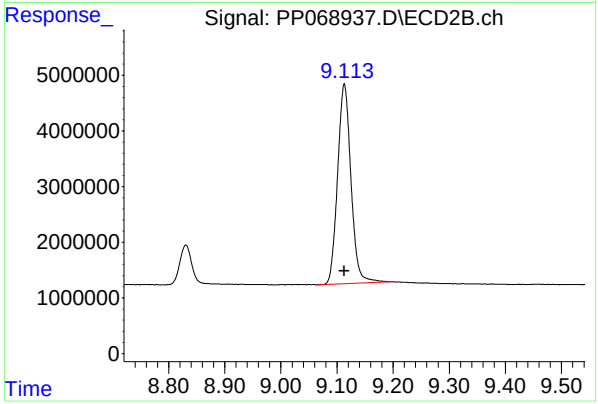
#1 Tetrachloro-m-xylene

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 51457459
Conc: 50.00 ng/ml



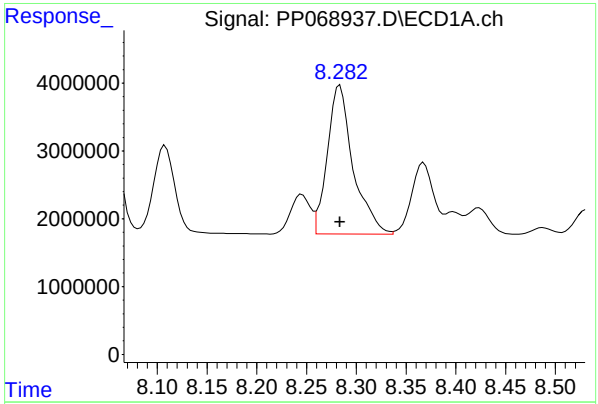
#2 Decachlorobiphenyl

R.T.: 10.525 min
Delta R.T.: 0.000 min
Response: 55889671
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: 0.000 min
Response: 59383163
Conc: 50.00 ng/ml



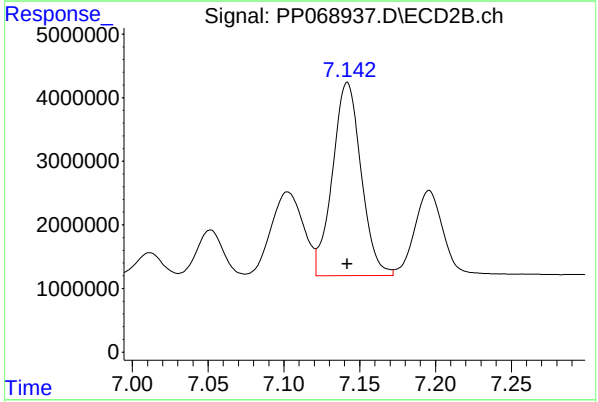
#36 AR-1262-1

R.T.: 8.284 min
Delta R.T.: 0.000 min
Response: 39566513
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

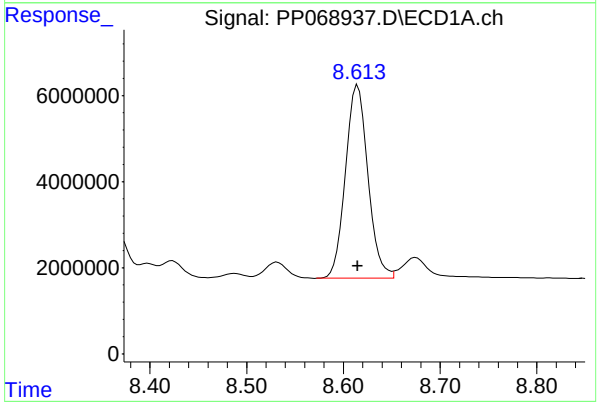
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



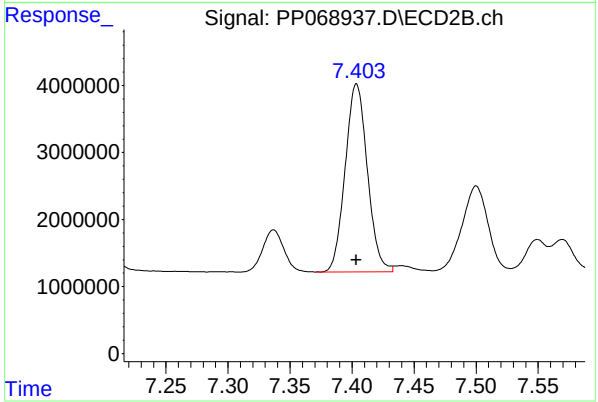
#36 AR-1262-1

R.T.: 7.142 min
Delta R.T.: 0.000 min
Response: 39926161
Conc: 500.00 ng/ml



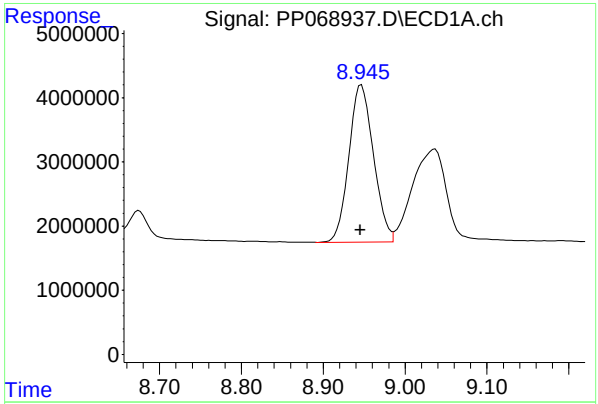
#37 AR-1262-2

R.T.: 8.615 min
Delta R.T.: 0.000 min
Response: 72208330
Conc: 500.00 ng/ml



#37 AR-1262-2

R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 34964080
Conc: 500.00 ng/ml



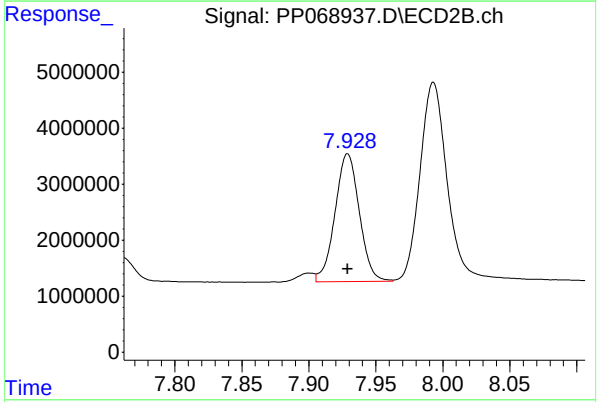
#38 AR-1262-3

R.T.: 8.945 min
Delta R.T.: 0.000 min
Response: 51279962
Conc: 499.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

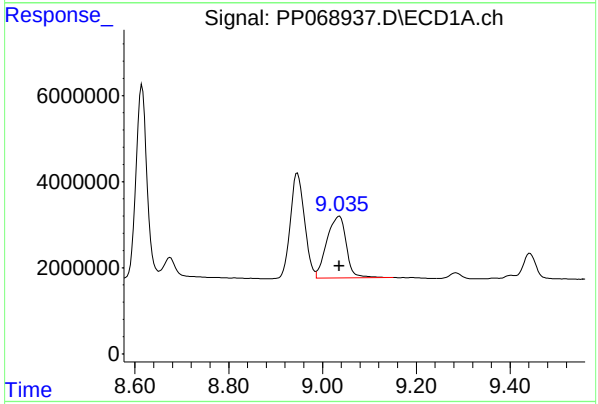
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



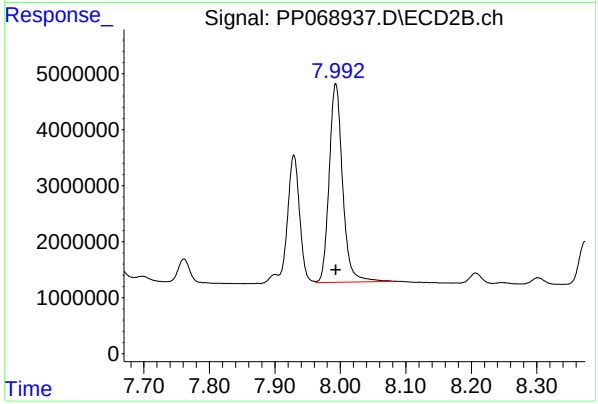
#38 AR-1262-3

R.T.: 7.929 min
Delta R.T.: 0.000 min
Response: 28796538
Conc: 500.00 ng/ml



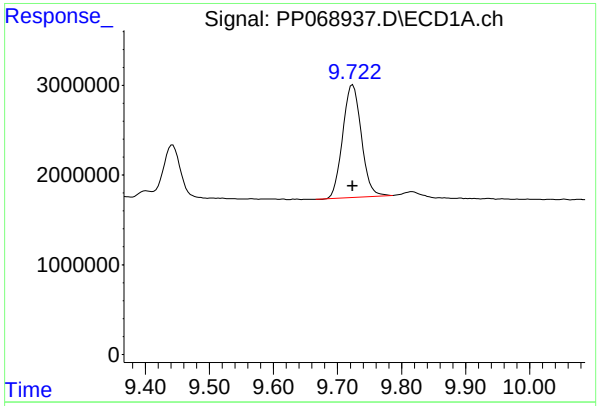
#39 AR-1262-4

R.T.: 9.036 min
Delta R.T.: 0.000 min
Response: 41550636
Conc: 500.00 ng/ml



#39 AR-1262-4

R.T.: 7.993 min
Delta R.T.: 0.000 min
Response: 50415682
Conc: 500.00 ng/ml



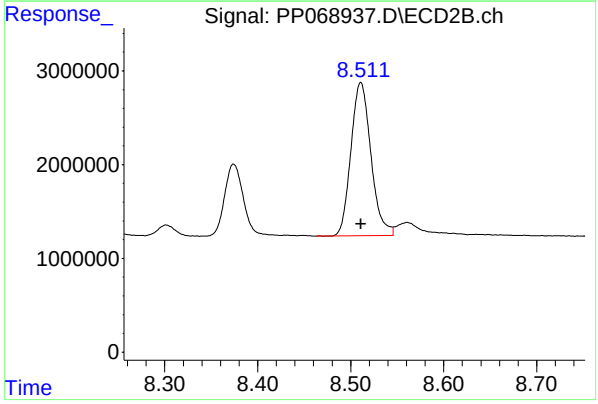
#40 AR-1262-5

R.T.: 9.724 min
Delta R.T.: 0.000 min
Response: 25410731
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



#40 AR-1262-5

R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 24409877
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068938.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 02:11
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 05:43:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:43:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.674	3.984	136.5E6	98018240	94.121	96.838
2)	SA Decachlor...	10.526	9.112	174.6E6	181.5E6	91.672	89.613
	Target Compounds						
41)	L9 AR-1268-1	8.941	7.927	172.0E6	148.4E6	920.795m	887.800m
42)	L9 AR-1268-2	9.041	7.993	154.2E6	137.9E6	927.438	899.379
43)	L9 AR-1268-3	9.285	8.206	132.5E6	122.3E6	925.842	894.844
44)	L9 AR-1268-4	9.723	8.511	52619884	50957332	908.390	902.356
45)	L9 AR-1268-5	10.164	8.830	378.2E6	371.6E6	943.906	928.821

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068938.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 02:11
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

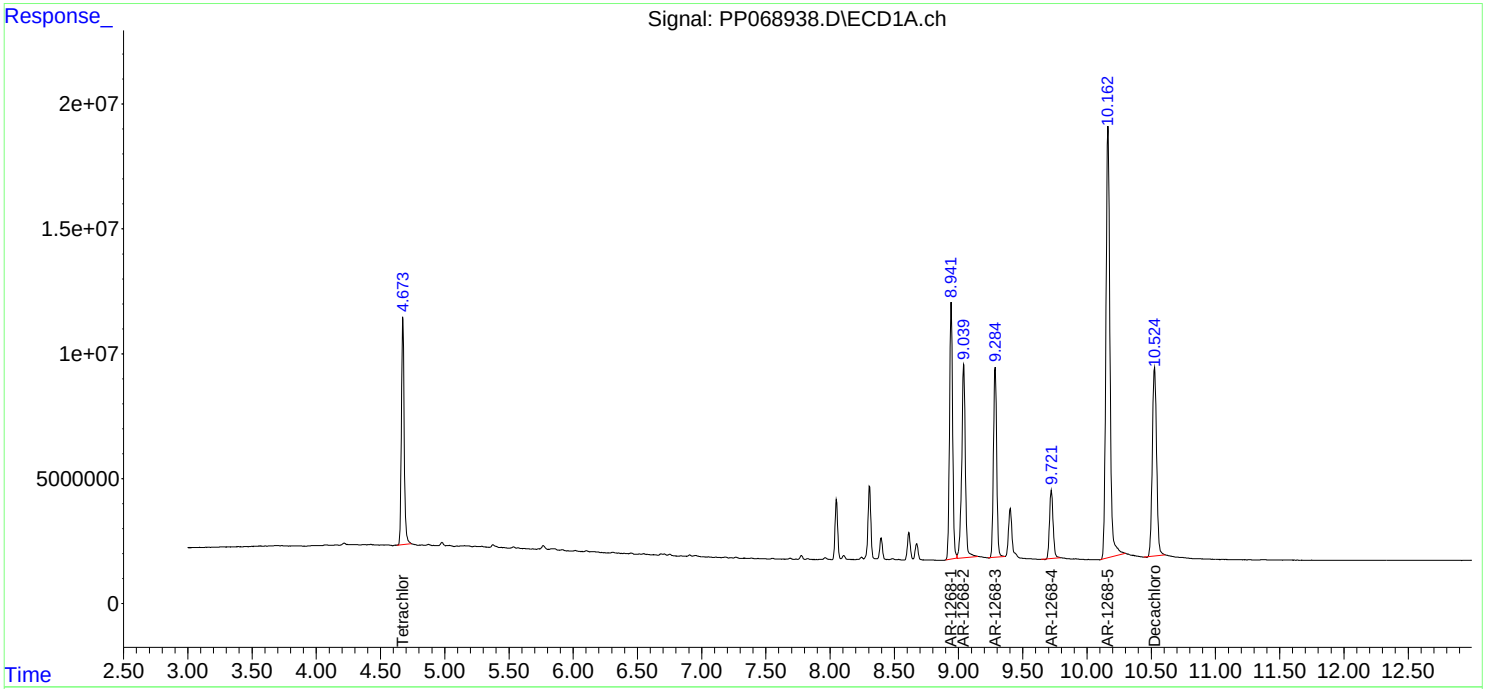
Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

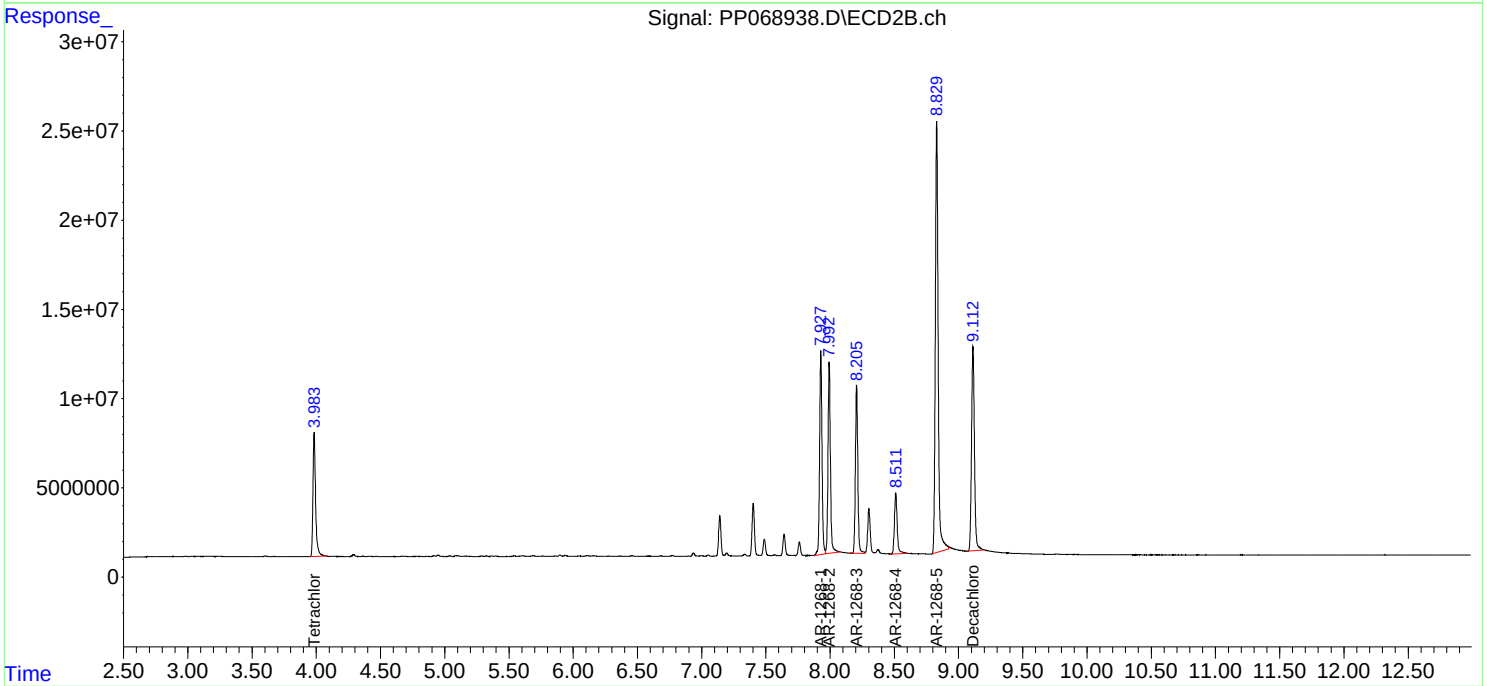
Manual Integrations APPROVED

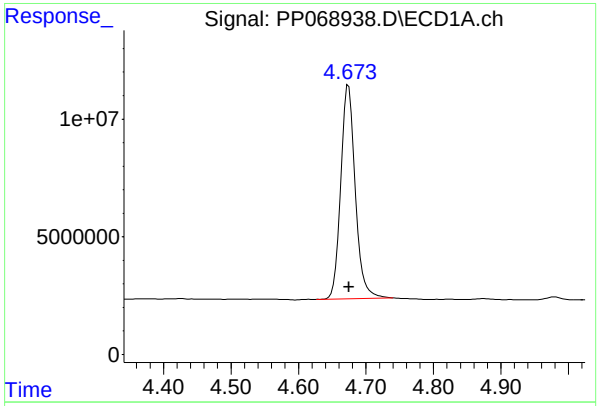
Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 05:43:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:43:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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







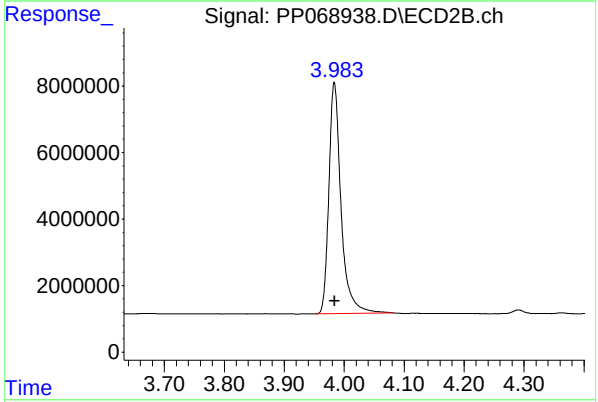
#1 Tetrachloro-m-xylene

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 136517536
Conc: 94.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

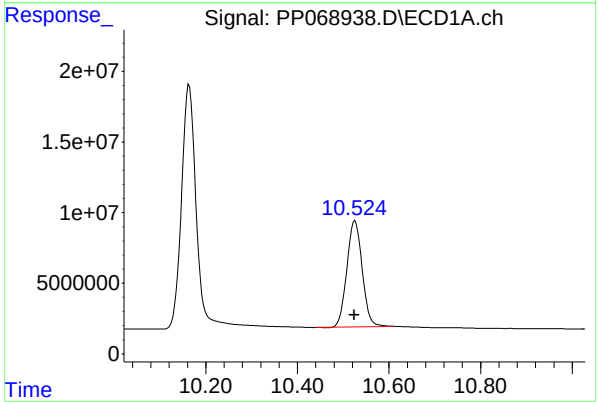
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



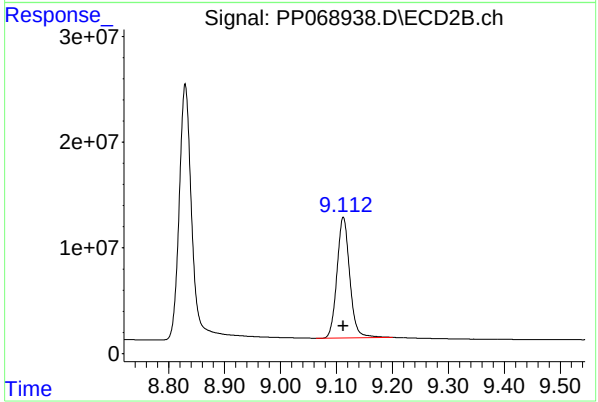
#1 Tetrachloro-m-xylene

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 98018240
Conc: 96.84 ng/ml



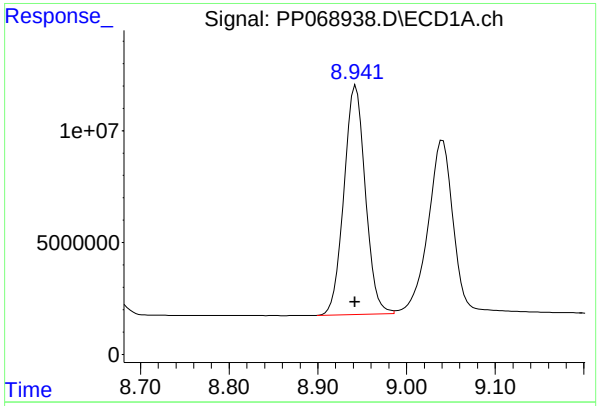
#2 Decachlorobiphenyl

R.T.: 10.526 min
Delta R.T.: 0.000 min
Response: 174578027
Conc: 91.67 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.112 min
Delta R.T.: 0.000 min
Response: 181511827
Conc: 89.61 ng/ml



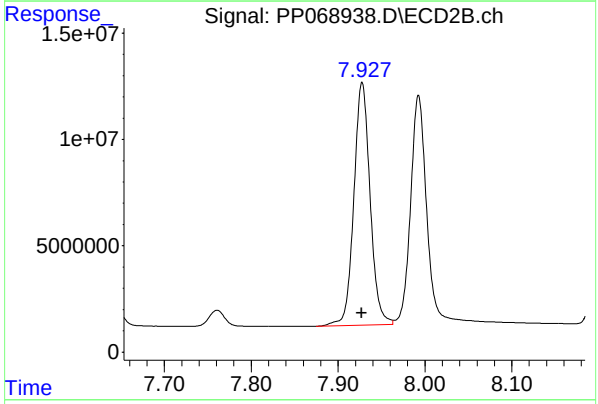
#41 AR-1268-1

R.T.: 8.941 min
Delta R.T.: 0.000 min
Response: 171965956
Conc: 920.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

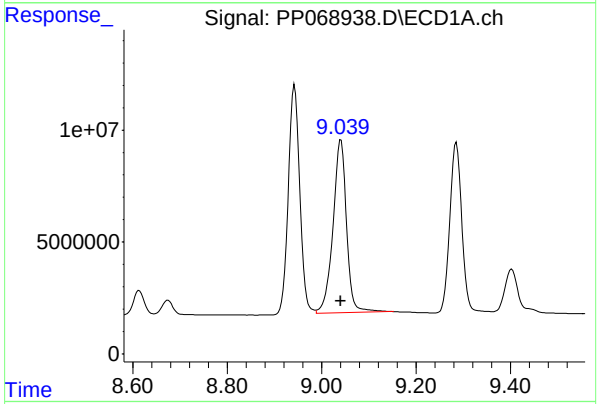
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



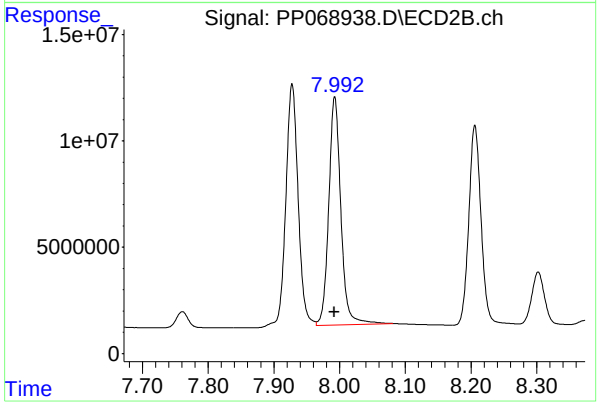
#41 AR-1268-1

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 148439751
Conc: 887.80 ng/ml m



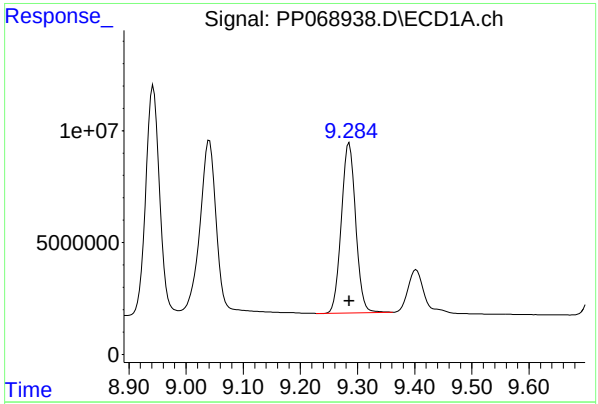
#42 AR-1268-2

R.T.: 9.041 min
Delta R.T.: 0.000 min
Response: 154222187
Conc: 927.44 ng/ml



#42 AR-1268-2

R.T.: 7.993 min
Delta R.T.: 0.000 min
Response: 137898942
Conc: 899.38 ng/ml



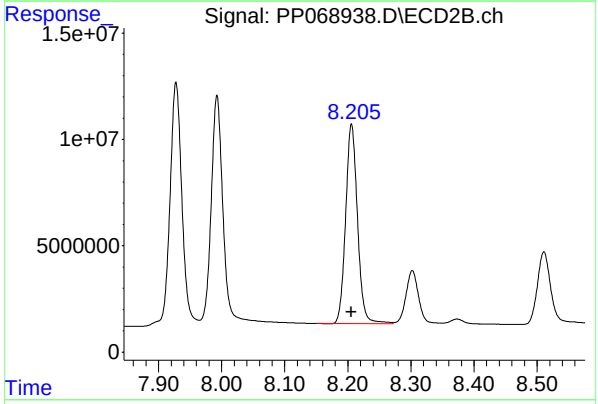
#43 AR-1268-3

R.T.: 9.285 min
Delta R.T.: 0.000 min
Response: 132497790
Conc: 925.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

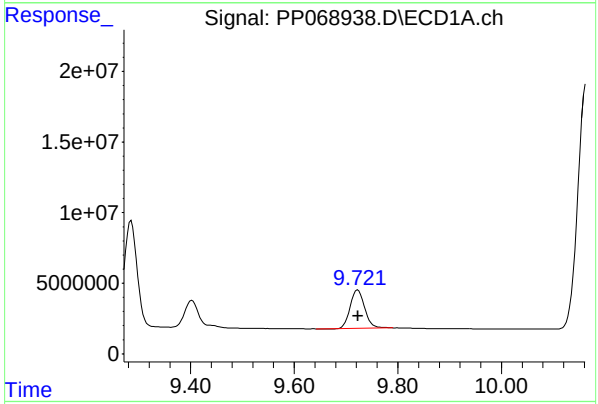
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



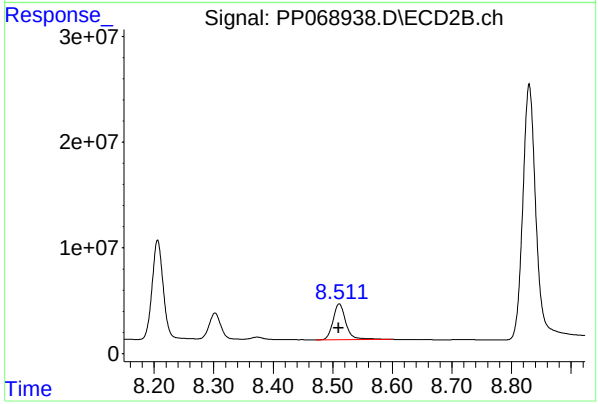
#43 AR-1268-3

R.T.: 8.206 min
Delta R.T.: 0.000 min
Response: 122316439
Conc: 894.84 ng/ml



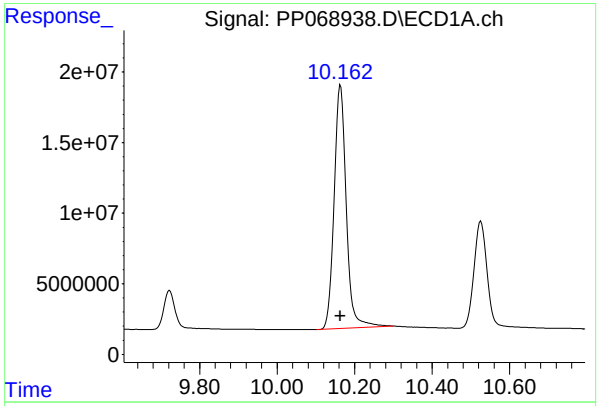
#44 AR-1268-4

R.T.: 9.723 min
Delta R.T.: 0.000 min
Response: 52619884
Conc: 908.39 ng/ml



#44 AR-1268-4

R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 50957332
Conc: 902.36 ng/ml



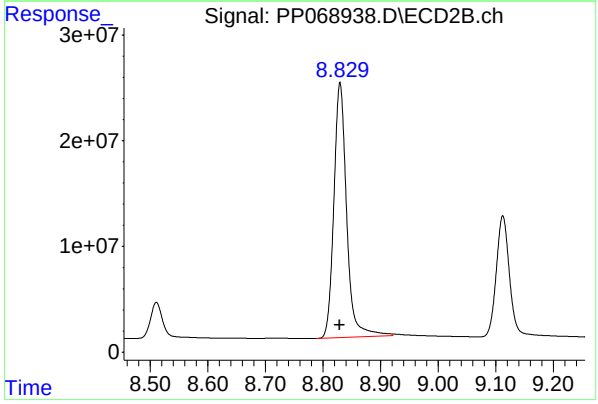
#45 AR-1268-5

R.T.: 10.164 min
Delta R.T.: 0.000 min
Response: 378200294
Conc: 943.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



#45 AR-1268-5

R.T.: 8.830 min
Delta R.T.: 0.000 min
Response: 371642320
Conc: 928.82 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068939.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 02:27
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 05:44:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:43:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.672	3.985	104.2E6	72465100	71.854	71.593
2)	SA Decachlor...	10.524	9.113	135.2E6	143.1E6	71.000	70.630
	Target Compounds						
41)	L9 AR-1268-1	8.939	7.927	133.3E6	118.6E6	713.575m	709.529m
42)	L9 AR-1268-2	9.039	7.993	118.9E6	109.3E6	715.048	712.564
43)	L9 AR-1268-3	9.283	8.207	102.2E6	97337361	714.018	712.102
44)	L9 AR-1268-4	9.720	8.511	41183363	40012939	710.958	708.552
45)	L9 AR-1268-5	10.161	8.831	287.2E6	289.7E6	716.809	723.959

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068939.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 02:27
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

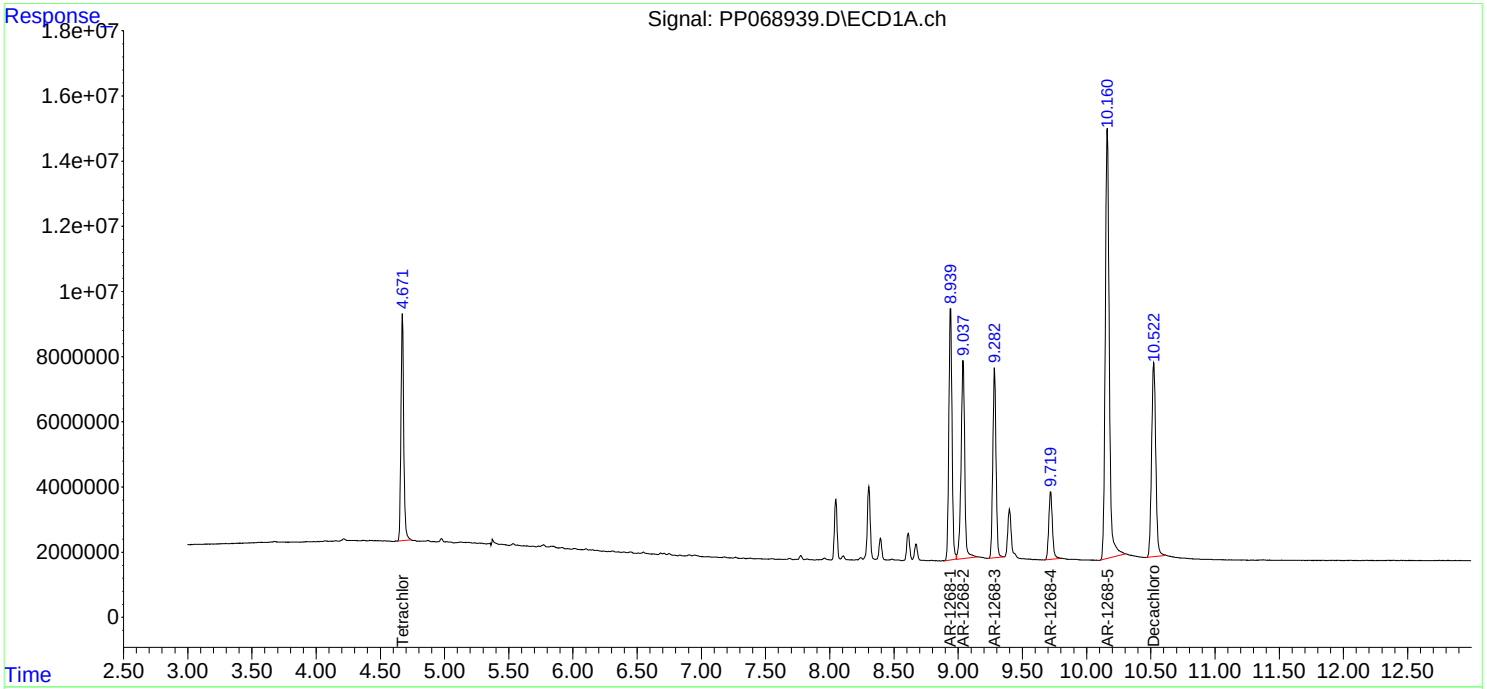
Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

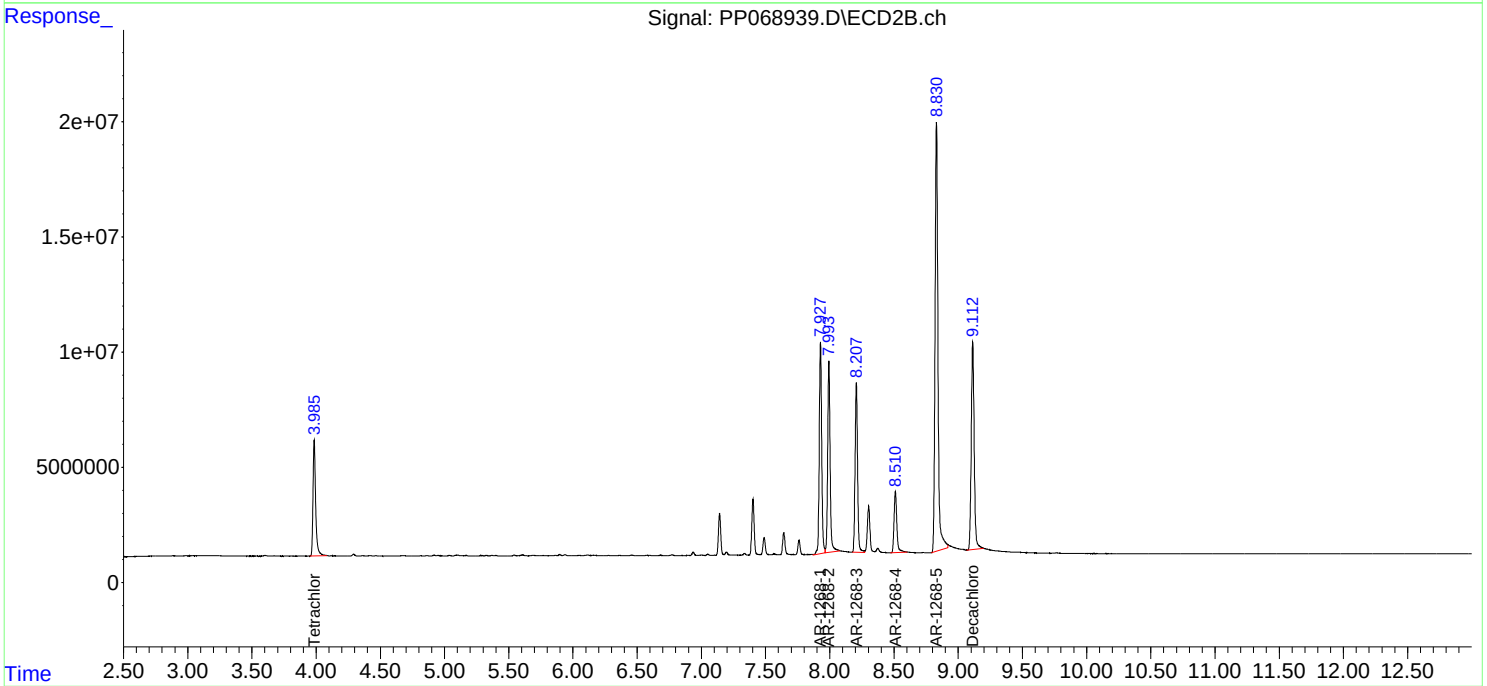
Manual Integrations APPROVED

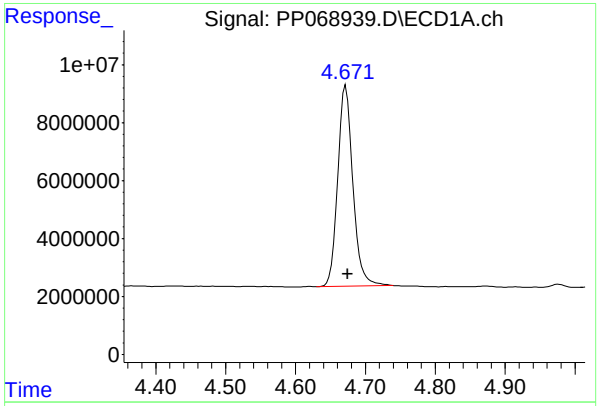
Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 05:44:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:43:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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







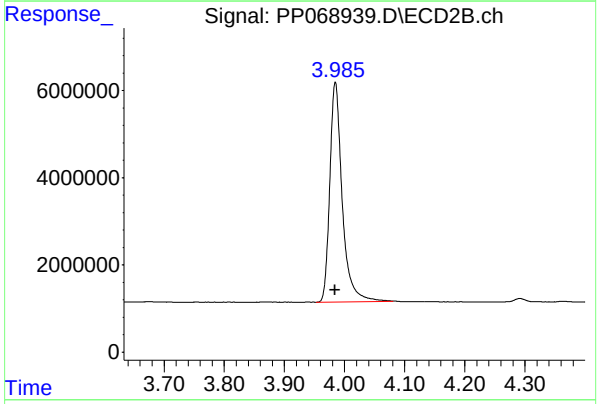
#1 Tetrachloro-m-xylene

R.T.: 4.672 min
Delta R.T.: -0.003 min
Response: 104221045
Conc: 71.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

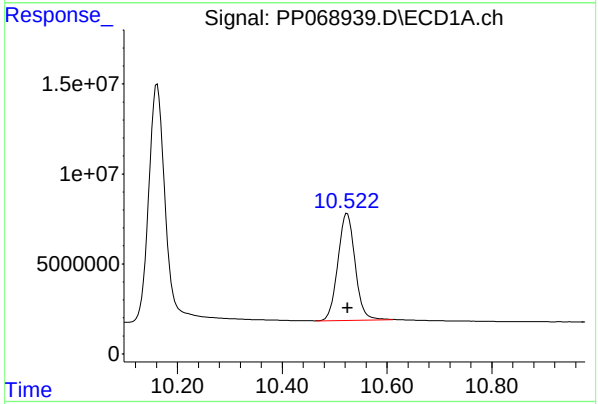
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



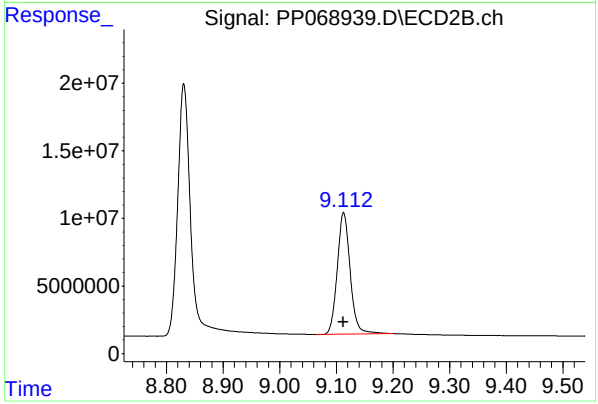
#1 Tetrachloro-m-xylene

R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 72465100
Conc: 71.59 ng/ml



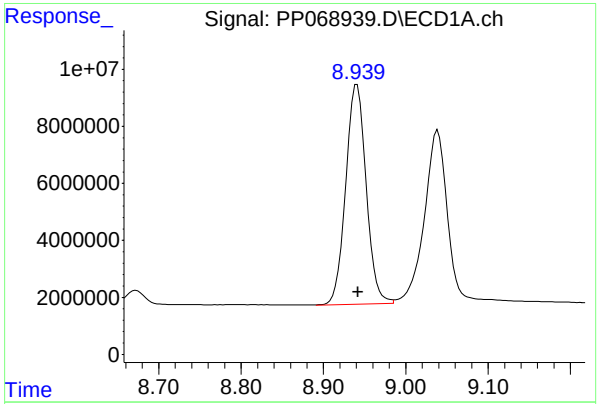
#2 Decachlorobiphenyl

R.T.: 10.524 min
Delta R.T.: -0.001 min
Response: 135210423
Conc: 71.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: 0.000 min
Response: 143060898
Conc: 70.63 ng/ml



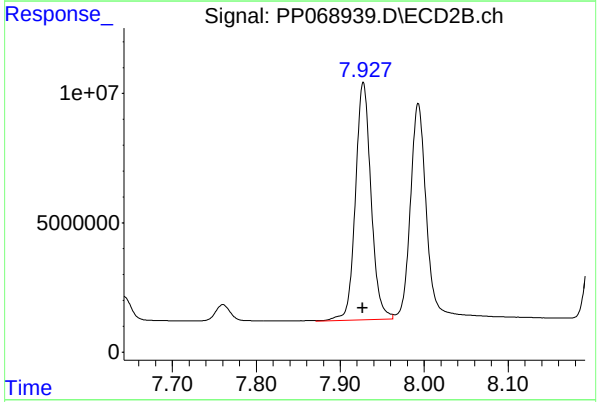
#41 AR-1268-1

R.T.: 8.939 min
Delta R.T.: -0.003 mi
Response: 133265811
Conc: 713.57 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

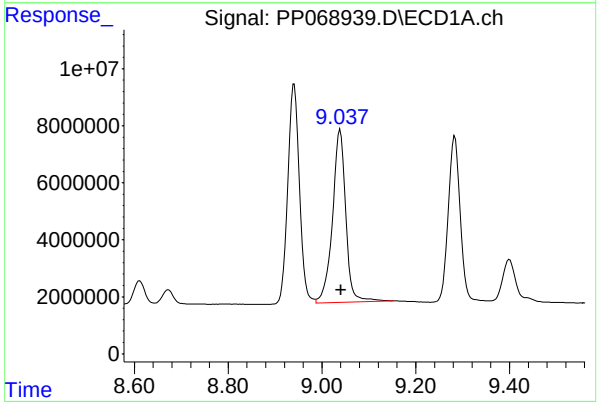
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



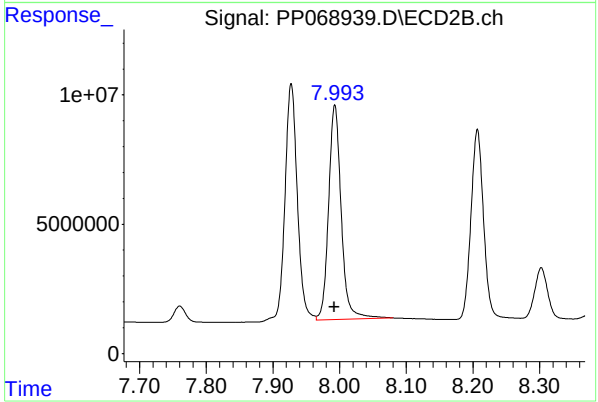
#41 AR-1268-1

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 118633024
Conc: 709.53 ng/ml m



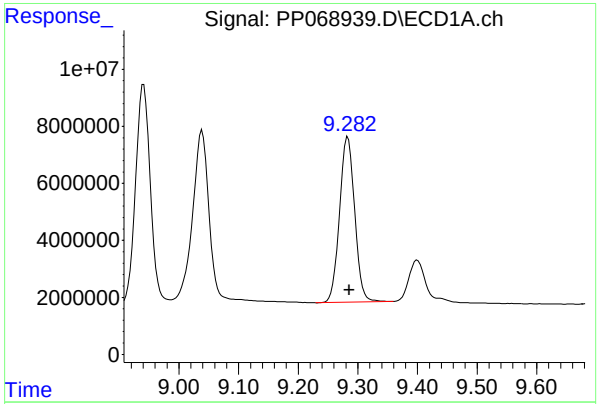
#42 AR-1268-2

R.T.: 9.039 min
Delta R.T.: -0.002 min
Response: 118904123
Conc: 715.05 ng/ml



#42 AR-1268-2

R.T.: 7.993 min
Delta R.T.: 0.000 min
Response: 109255111
Conc: 712.56 ng/ml



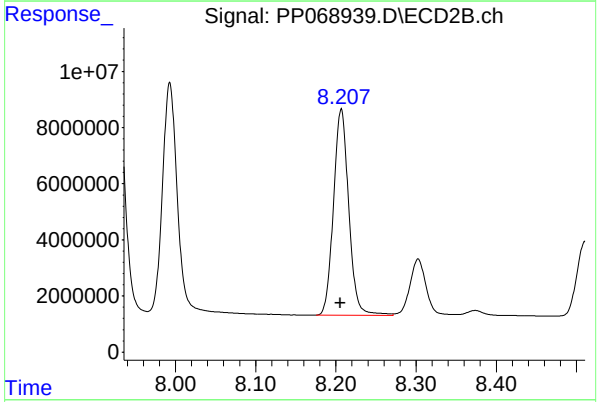
#43 AR-1268-3

R.T.: 9.283 min
Delta R.T.: -0.002 min
Response: 102183636
Conc: 714.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

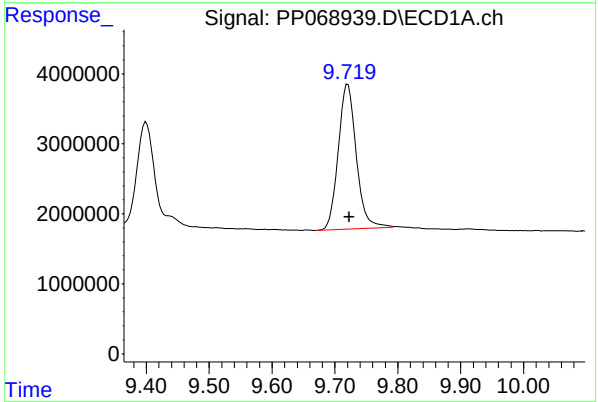
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



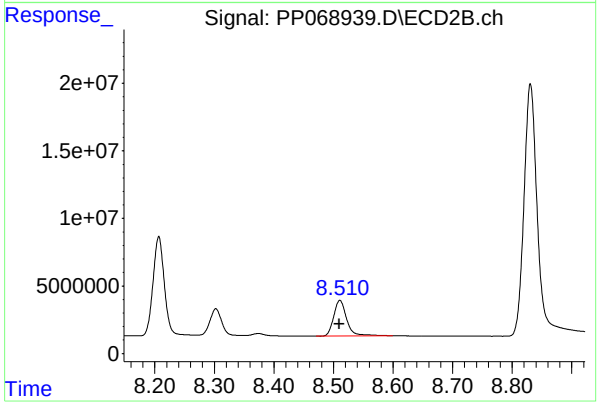
#43 AR-1268-3

R.T.: 8.207 min
Delta R.T.: 0.001 min
Response: 97337361
Conc: 712.10 ng/ml



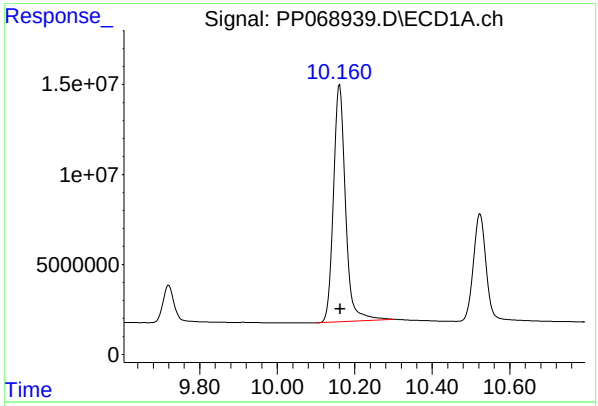
#44 AR-1268-4

R.T.: 9.720 min
Delta R.T.: -0.003 min
Response: 41183363
Conc: 710.96 ng/ml



#44 AR-1268-4

R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 40012939
Conc: 708.55 ng/ml



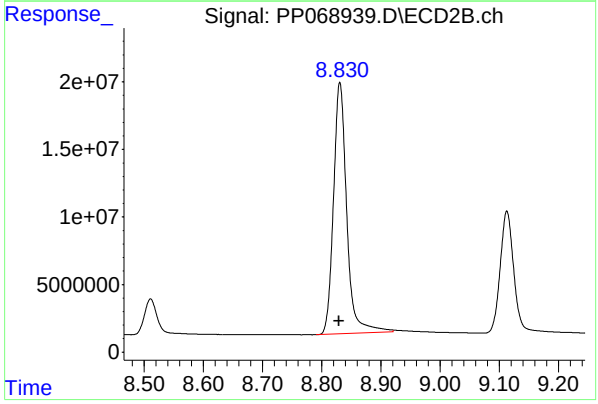
#45 AR-1268-5

R.T.: 10.161 min
Delta R.T.: -0.002 min
Response: 287208050
Conc: 716.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



#45 AR-1268-5

R.T.: 8.831 min
Delta R.T.: 0.001 min
Response: 289672663
Conc: 723.96 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068940.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 02:44
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 05:44:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:43:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.675	3.984	72522728	50609211	50.000	50.000
2)	SA Decachlor...	10.525	9.112	95218419	101.3E6	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	8.942	7.927	93341005	83237988	499.796m	497.836m
42)	L9 AR-1268-2	9.041	7.992	83144179	76663380	500.000	500.000
43)	L9 AR-1268-3	9.286	8.206	71555320	68345138	500.000	500.000
44)	L9 AR-1268-4	9.723	8.510	28963274	28235724	500.000	500.000
45)	L9 AR-1268-5	10.163	8.829	200.3E6	200.1E6	500.000	500.000

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068940.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 02:44
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

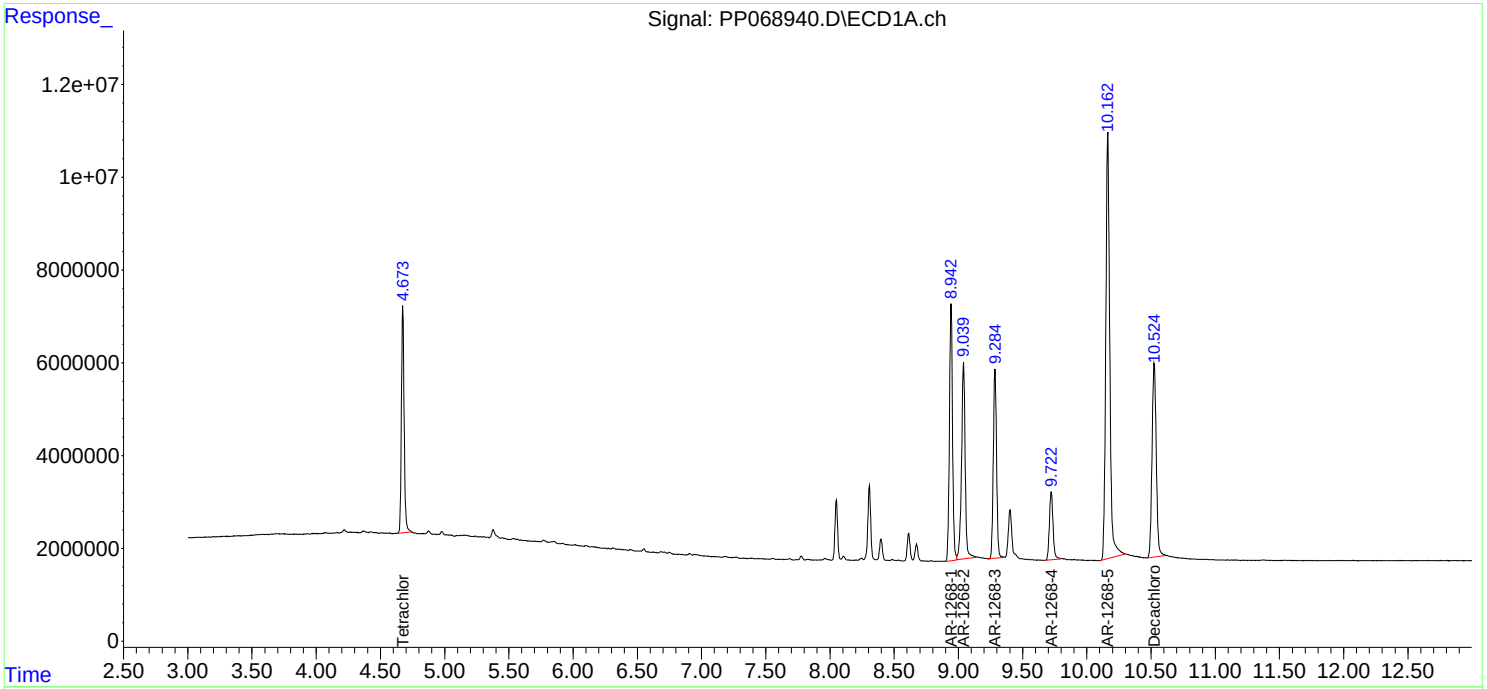
Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

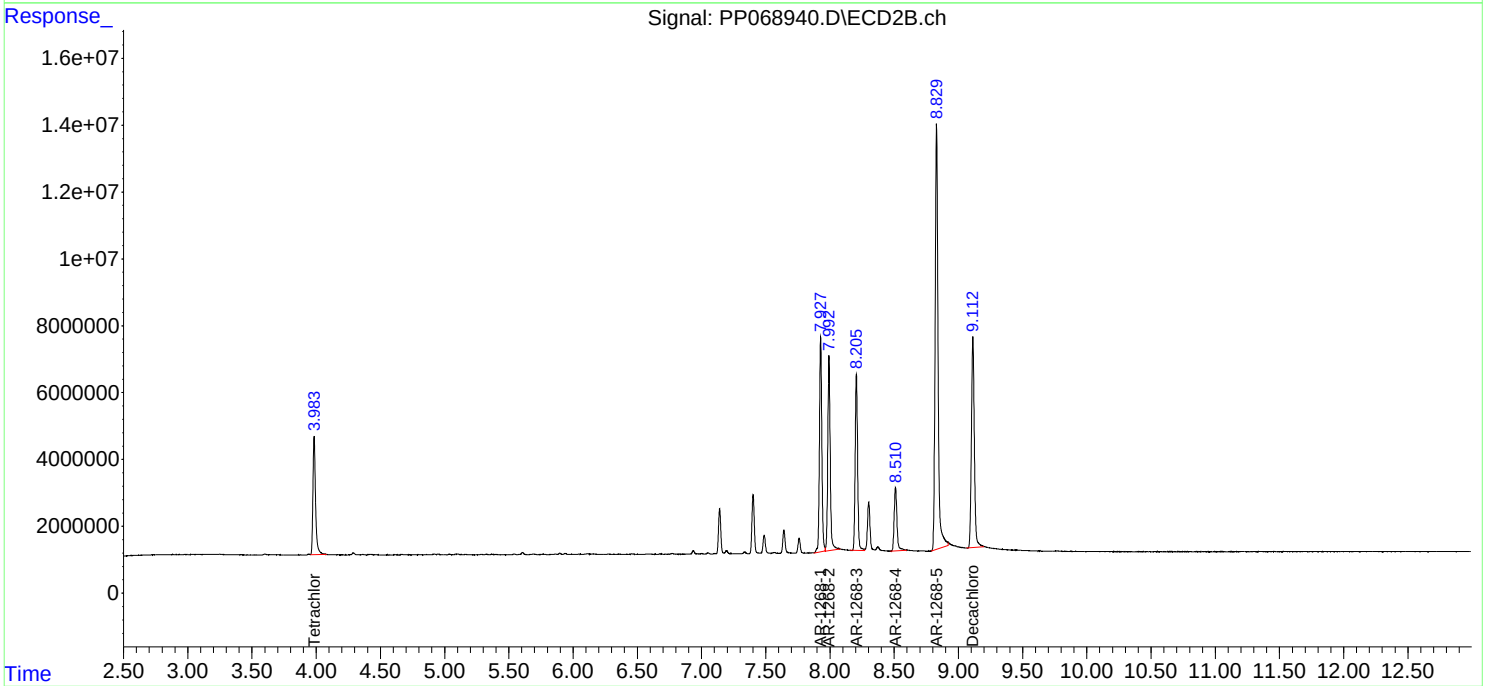
Manual Integrations APPROVED

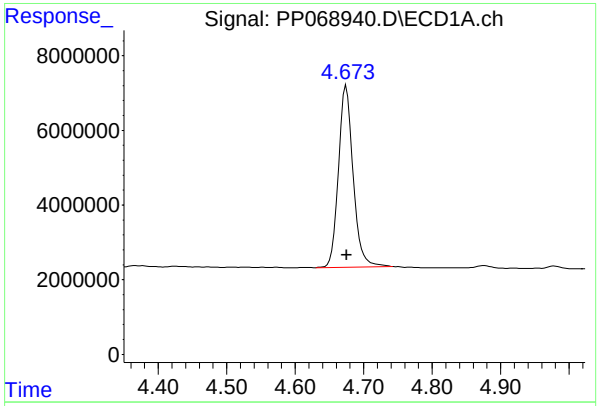
Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 05:44:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:43:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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







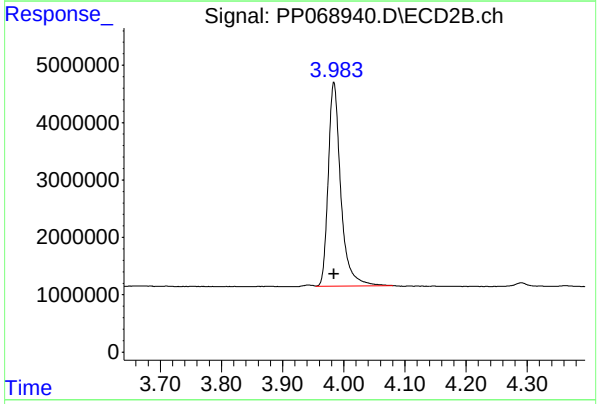
#1 Tetrachloro-m-xylene

R.T.: 4.675 min
Delta R.T.: 0.000 min
Response: 72522728
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

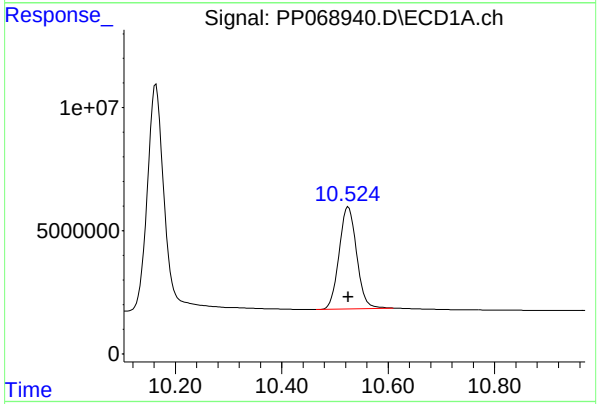
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



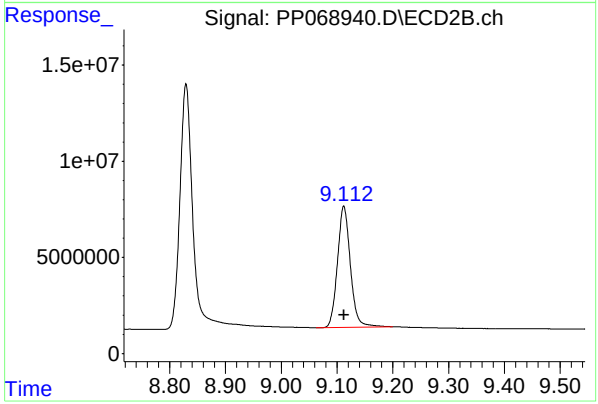
#1 Tetrachloro-m-xylene

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 50609211
Conc: 50.00 ng/ml



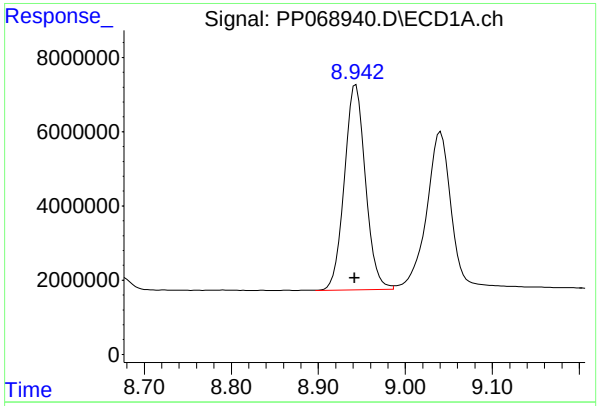
#2 Decachlorobiphenyl

R.T.: 10.525 min
Delta R.T.: 0.000 min
Response: 95218419
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.112 min
Delta R.T.: 0.000 min
Response: 101274967
Conc: 50.00 ng/ml



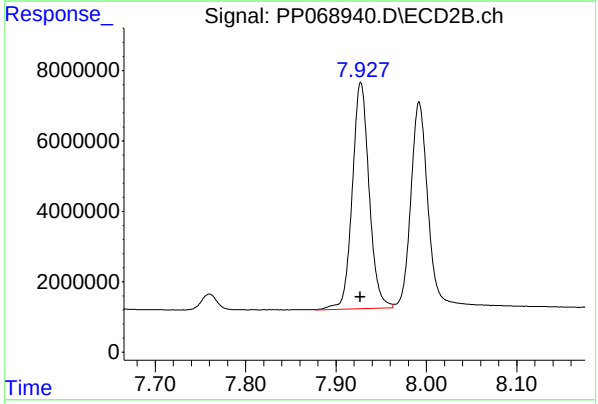
#41 AR-1268-1

R.T.: 8.942 min
Delta R.T.: 0.000 mi
Response: 93341005
Conc: 499.80 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

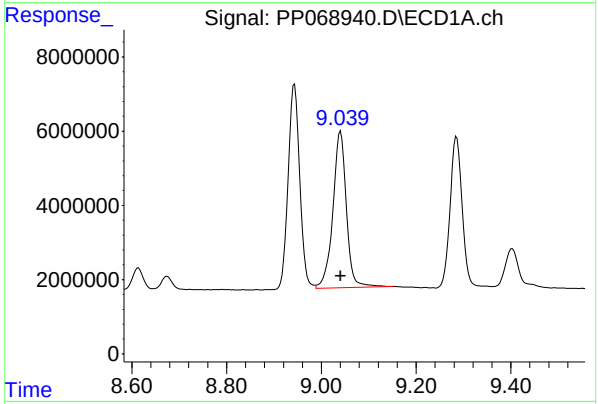
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



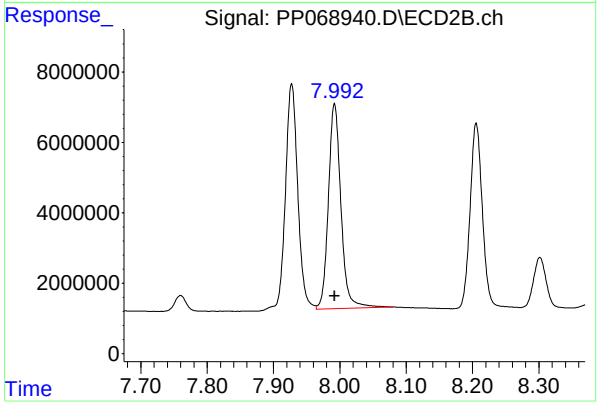
#41 AR-1268-1

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 83237988
Conc: 497.84 ng/ml m



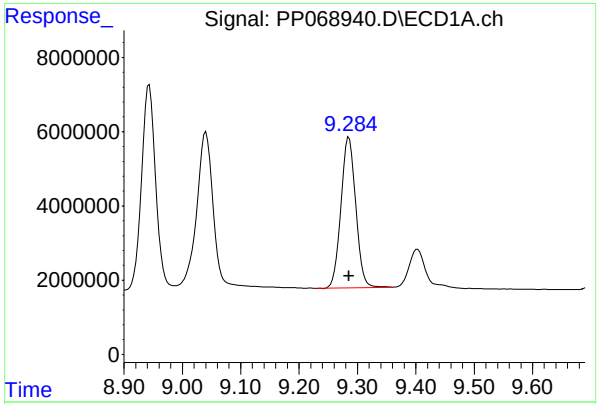
#42 AR-1268-2

R.T.: 9.041 min
Delta R.T.: 0.000 min
Response: 83144179
Conc: 500.00 ng/ml



#42 AR-1268-2

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 76663380
Conc: 500.00 ng/ml



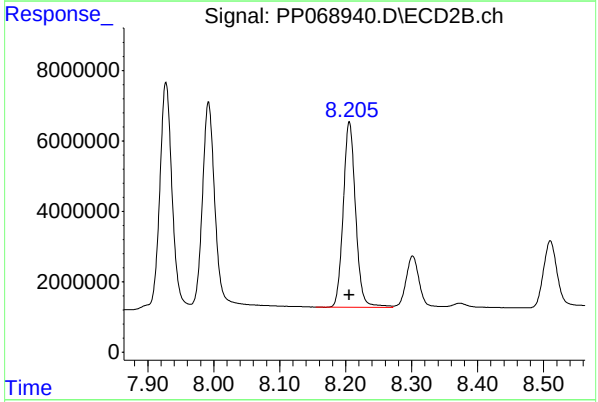
#43 AR-1268-3

R.T.: 9.286 min
Delta R.T.: 0.000 min
Response: 71555320
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

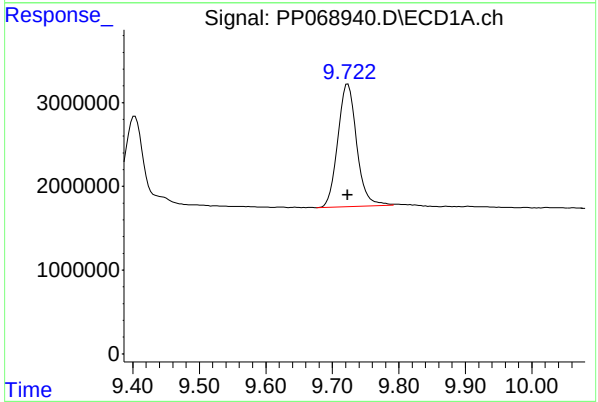
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



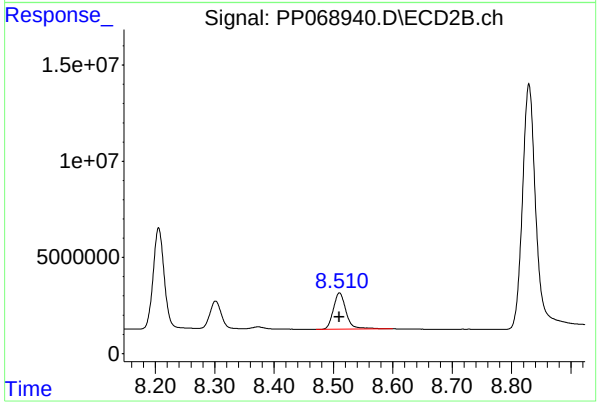
#43 AR-1268-3

R.T.: 8.206 min
Delta R.T.: 0.000 min
Response: 68345138
Conc: 500.00 ng/ml



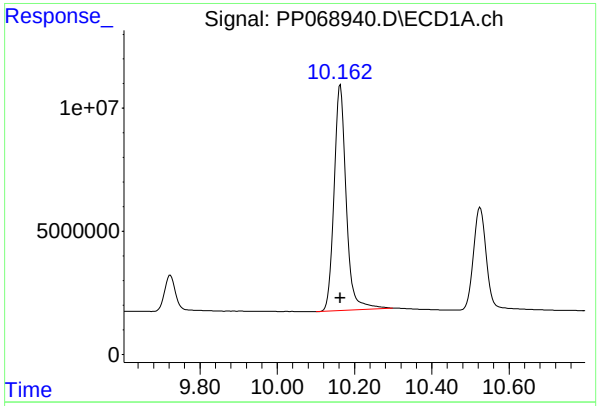
#44 AR-1268-4

R.T.: 9.723 min
Delta R.T.: 0.000 min
Response: 28963274
Conc: 500.00 ng/ml



#44 AR-1268-4

R.T.: 8.510 min
Delta R.T.: 0.000 min
Response: 28235724
Conc: 500.00 ng/ml



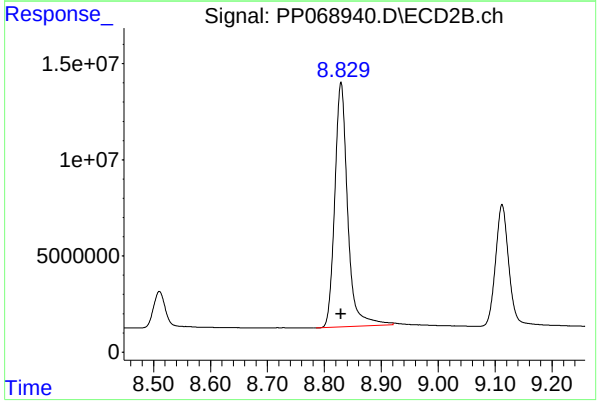
#45 AR-1268-5

R.T.: 10.163 min
Delta R.T.: 0.000 min
Response: 200337817
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



#45 AR-1268-5

R.T.: 8.829 min
Delta R.T.: 0.000 min
Response: 200061382
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068941.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 03:00
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 05:44:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:43:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.674	3.985	36412053	26084674	25.104	25.771
2)	SA Decachlor...	10.527	9.112	49276971	51308802	25.876	25.331
	Target Compounds						
41)	L9 AR-1268-1	8.942	7.927	48668851	40756852	260.598m	243.762m
42)	L9 AR-1268-2	9.041	7.993	43106494	37392248	259.227	243.873
43)	L9 AR-1268-3	9.286	8.206	37196020	33885914	259.911	247.903
44)	L9 AR-1268-4	9.723	8.511	14585644	14014314	251.795	248.166
45)	L9 AR-1268-5	10.164	8.831	104.1E6	97273750	259.795	243.110

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068941.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 03:00
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

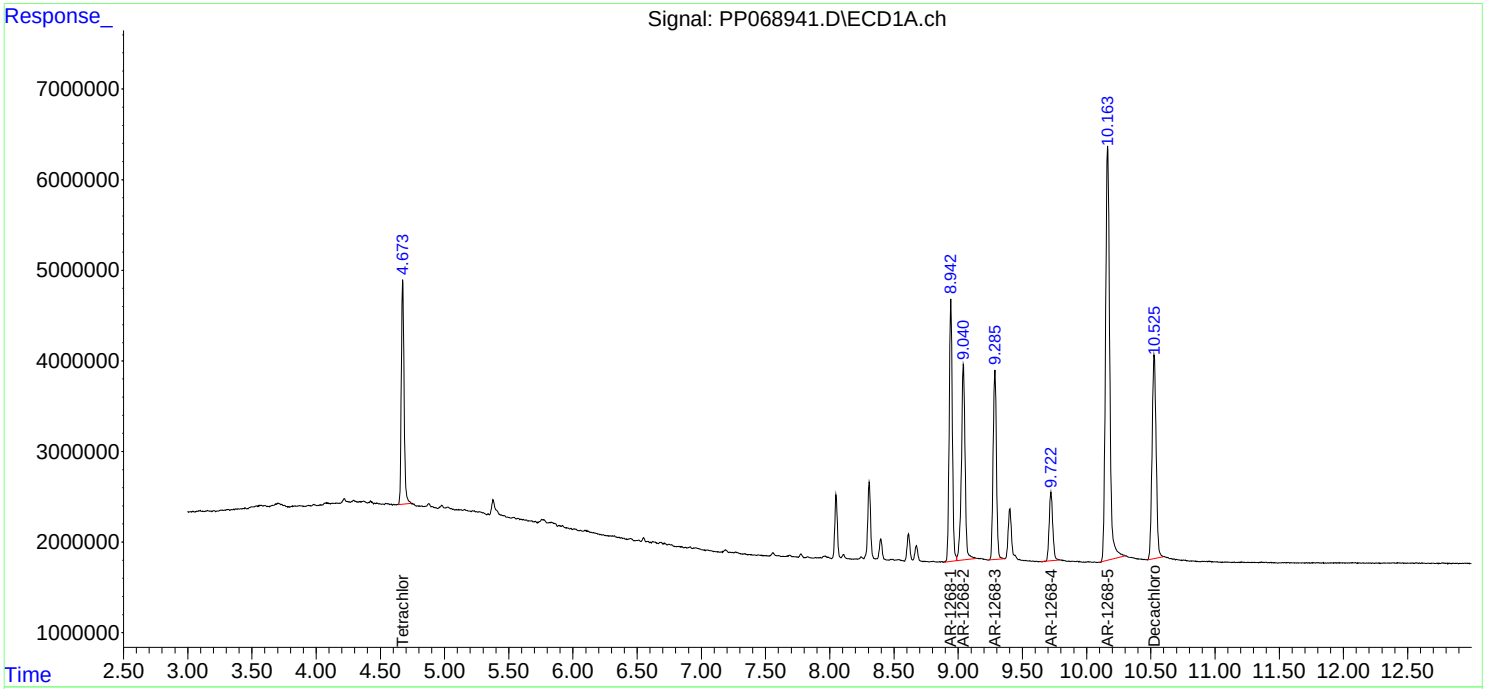
Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

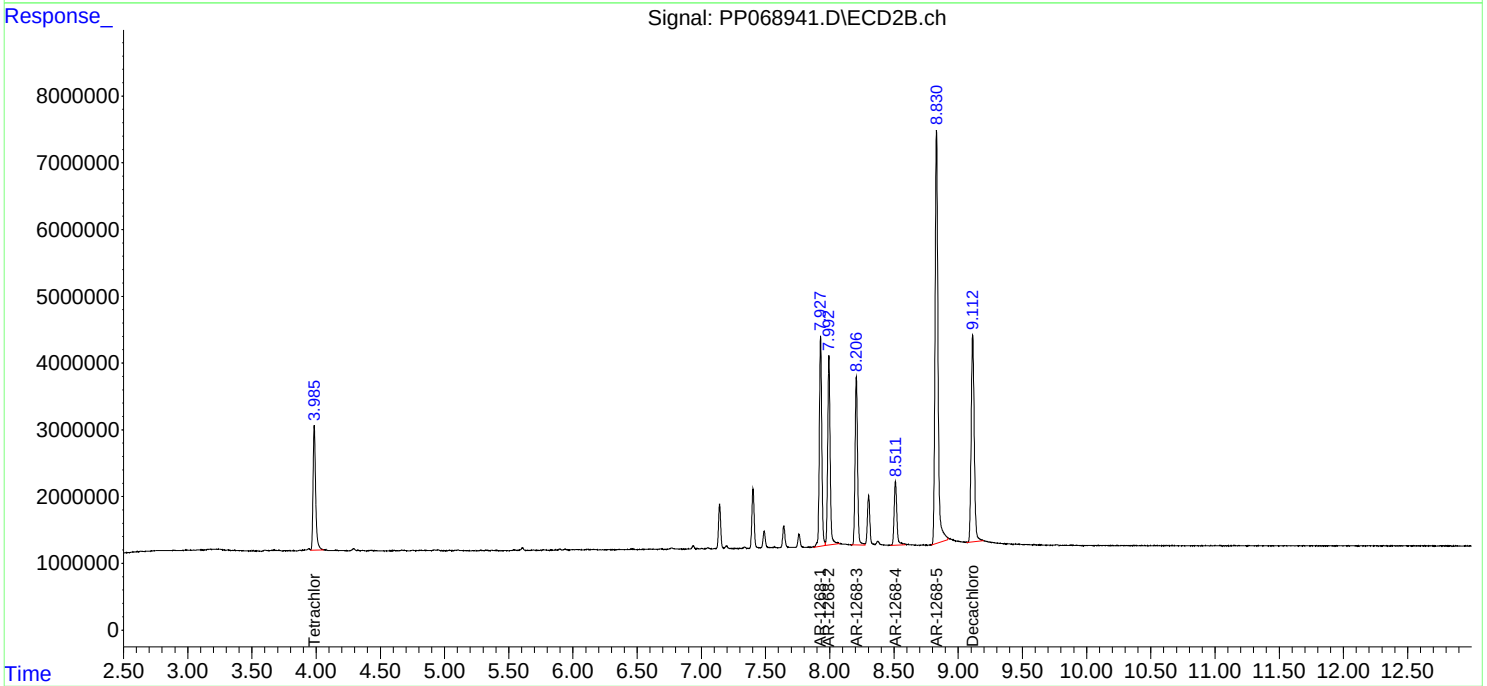
Manual Integrations APPROVED

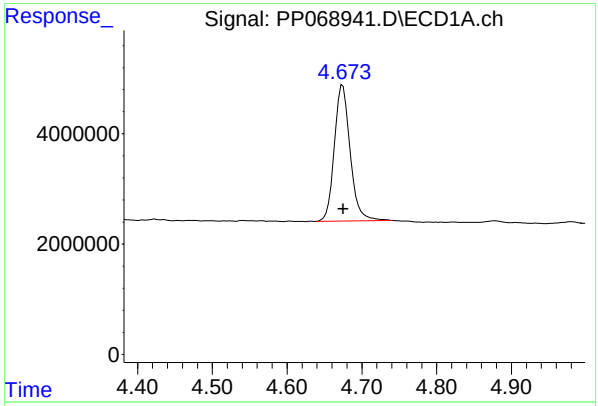
Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 05:44:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:43:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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







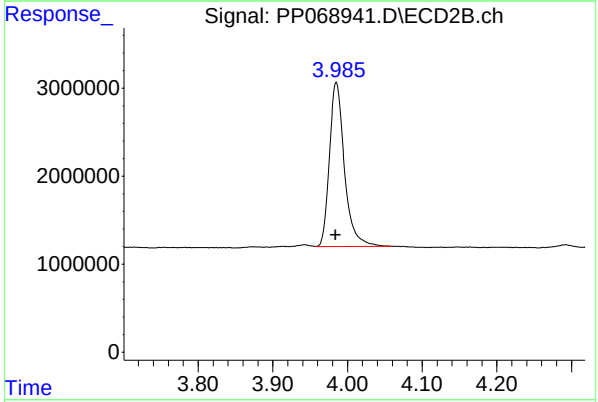
#1 Tetrachloro-m-xylene

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 36412053
Conc: 25.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

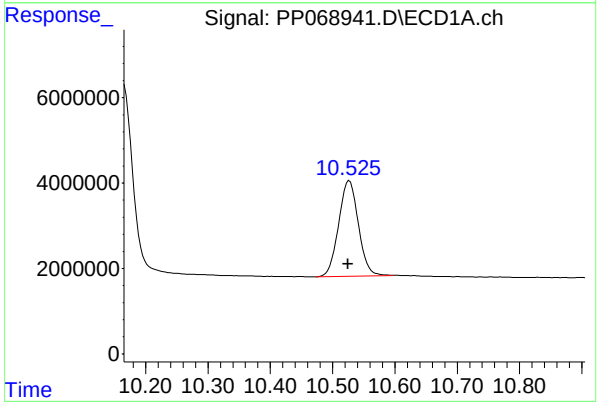
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



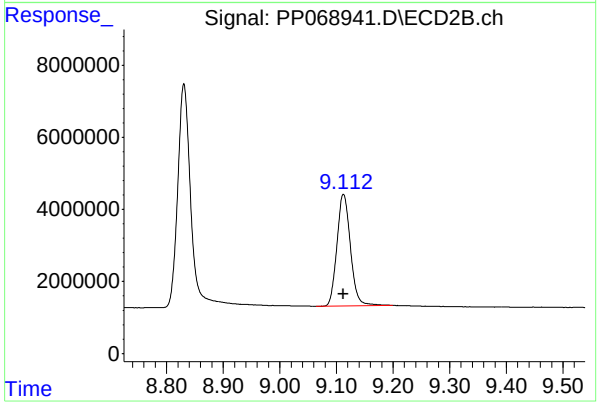
#1 Tetrachloro-m-xylene

R.T.: 3.985 min
Delta R.T.: 0.001 min
Response: 26084674
Conc: 25.77 ng/ml



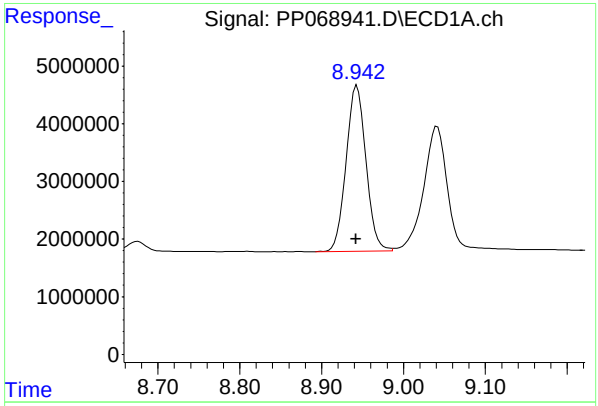
#2 Decachlorobiphenyl

R.T.: 10.527 min
Delta R.T.: 0.002 min
Response: 49276971
Conc: 25.88 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.112 min
Delta R.T.: 0.000 min
Response: 51308802
Conc: 25.33 ng/ml



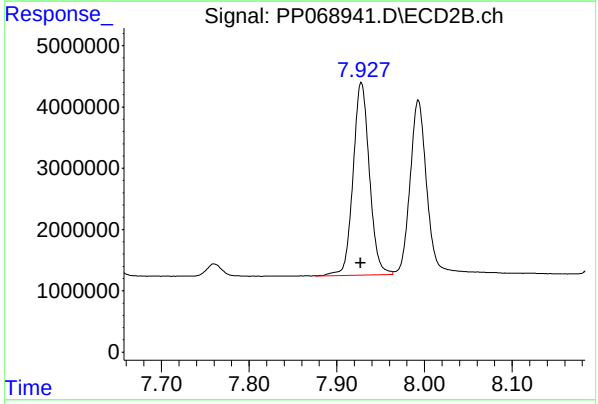
#41 AR-1268-1

R.T.: 8.942 min
Delta R.T.: 0.000 mi
Response: 48668851
Conc: 260.60 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

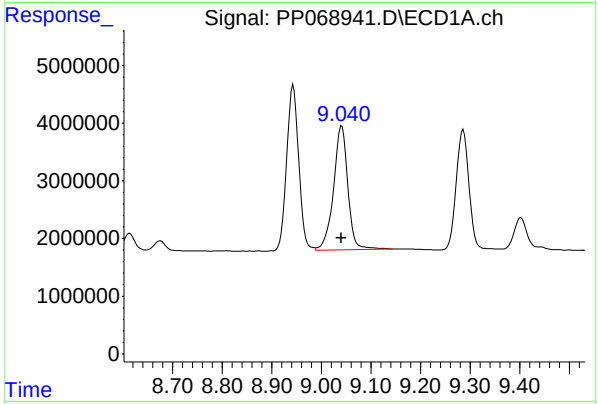
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



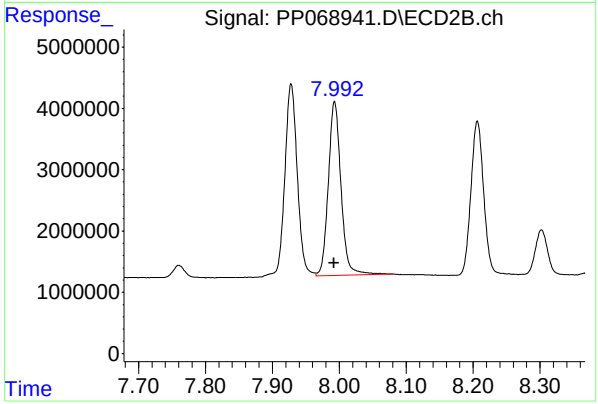
#41 AR-1268-1

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 40756852
Conc: 243.76 ng/ml m



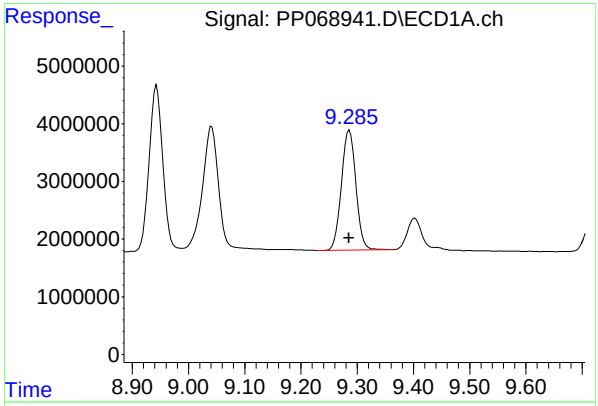
#42 AR-1268-2

R.T.: 9.041 min
Delta R.T.: 0.000 min
Response: 43106494
Conc: 259.23 ng/ml



#42 AR-1268-2

R.T.: 7.993 min
Delta R.T.: 0.001 min
Response: 37392248
Conc: 243.87 ng/ml



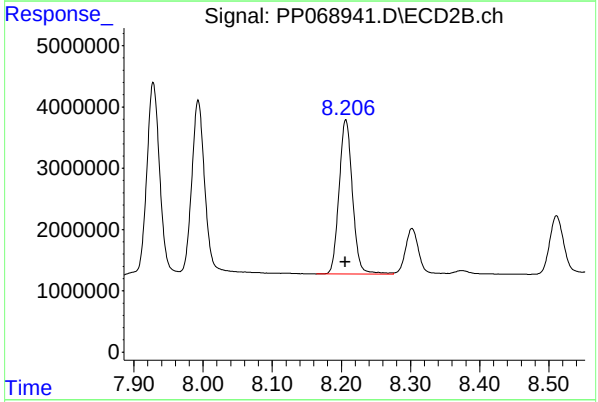
#43 AR-1268-3

R.T.: 9.286 min
Delta R.T.: 0.000 min
Response: 37196020
Conc: 259.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

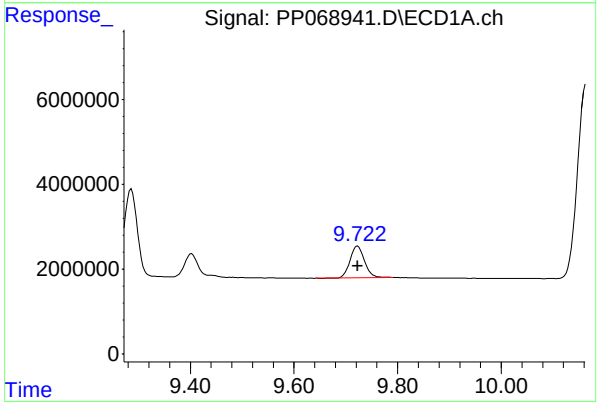
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



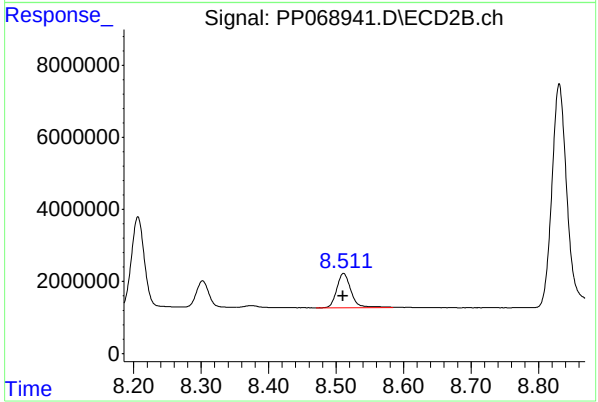
#43 AR-1268-3

R.T.: 8.206 min
Delta R.T.: 0.000 min
Response: 33885914
Conc: 247.90 ng/ml



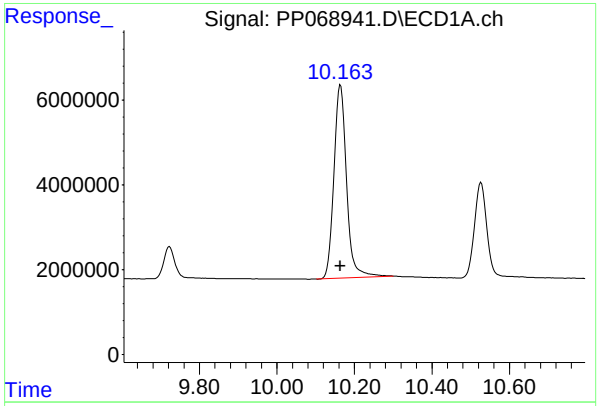
#44 AR-1268-4

R.T.: 9.723 min
Delta R.T.: 0.000 min
Response: 14585644
Conc: 251.80 ng/ml



#44 AR-1268-4

R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 14014314
Conc: 248.17 ng/ml



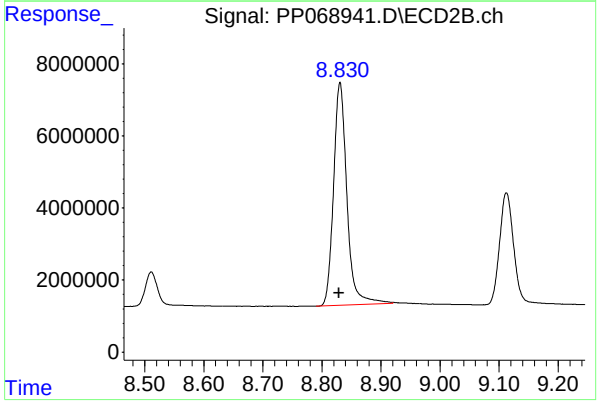
#45 AR-1268-5

R.T.: 10.164 min
Delta R.T.: 0.000 min
Response: 104093495
Conc: 259.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



#45 AR-1268-5

R.T.: 8.831 min
Delta R.T.: 0.001 min
Response: 97273750
Conc: 243.11 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068942.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 03:16
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 05:44:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:43:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.674	3.985	6701513	5019697	4.620	4.959
2)	SA Decachlor...	10.525	9.113	9687344	10936318	5.087	5.399
	Target Compounds						
41)	L9 AR-1268-1	8.941	7.928	9644341	8762627	51.641m	52.408m
42)	L9 AR-1268-2	9.039	7.993	8234453	7668425	49.519	50.014
43)	L9 AR-1268-3	9.284	8.207	7258307	6997899	50.718	51.195
44)	L9 AR-1268-4	9.721	8.511	2741415	2473714	47.326	43.805
45)	L9 AR-1268-5	10.162	8.830	20261101	20123266	50.567	50.293

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068942.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 03:16
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

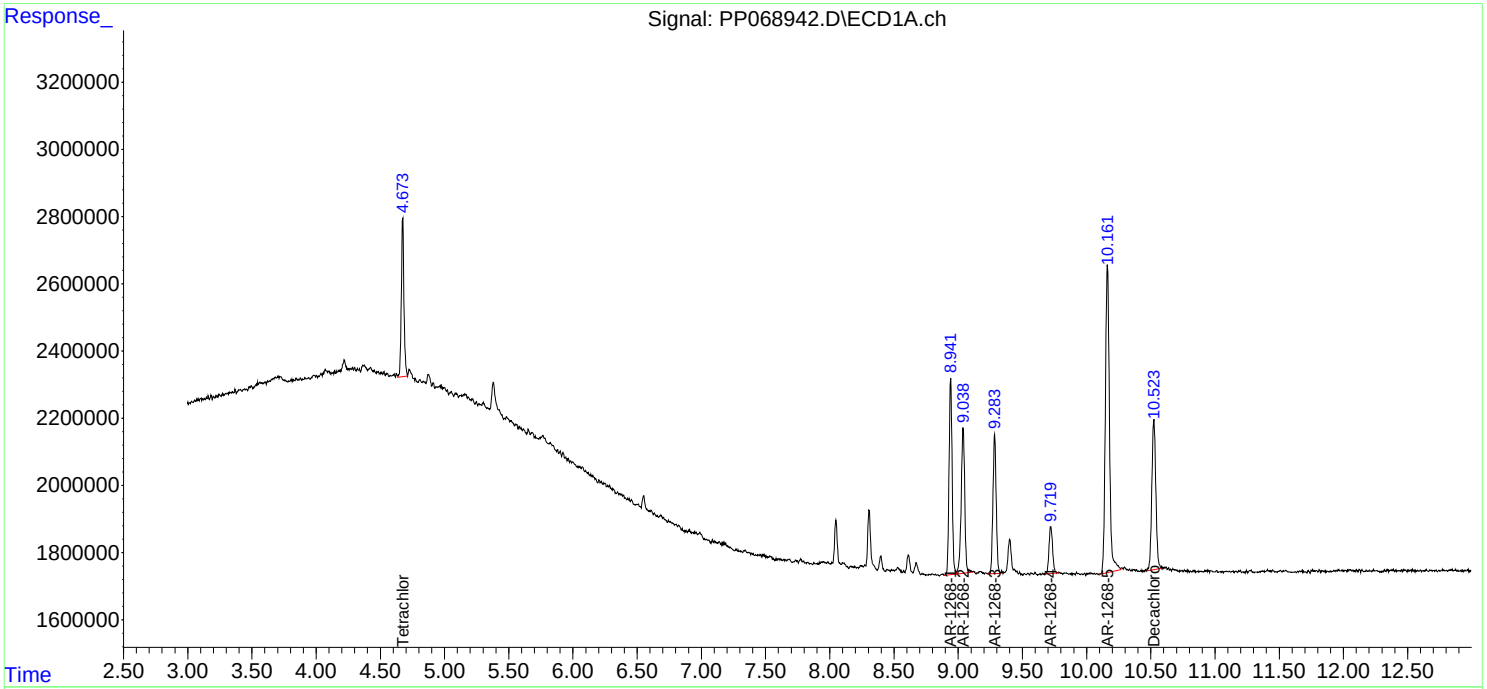
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

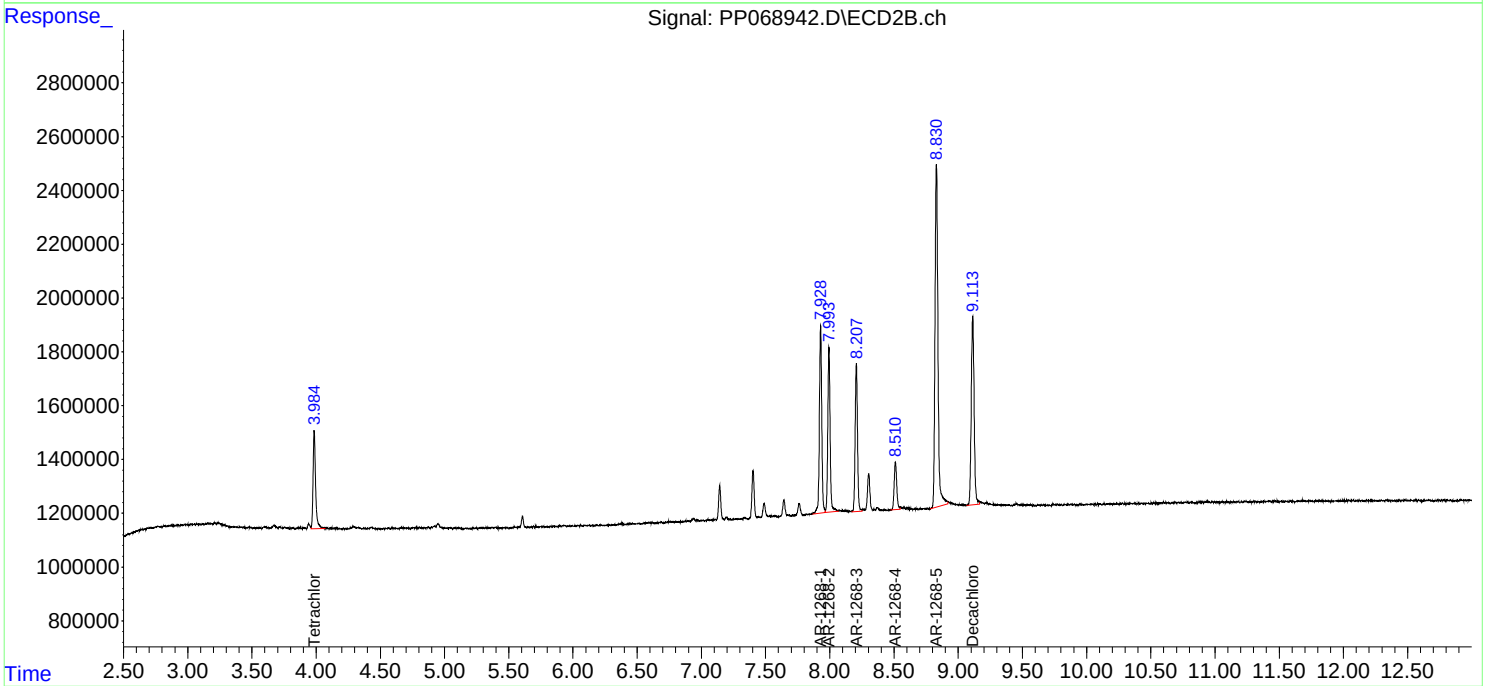
Manual Integrations APPROVED

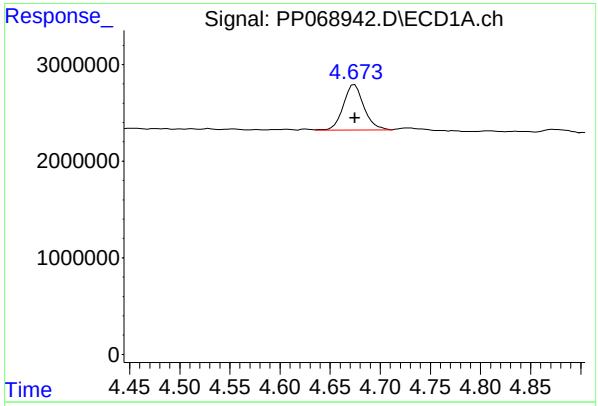
Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 05:44:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:43:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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







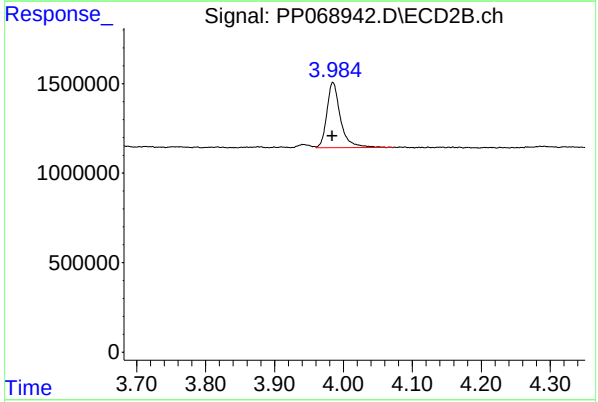
#1 Tetrachloro-m-xylene

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 6701513
Conc: 4.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

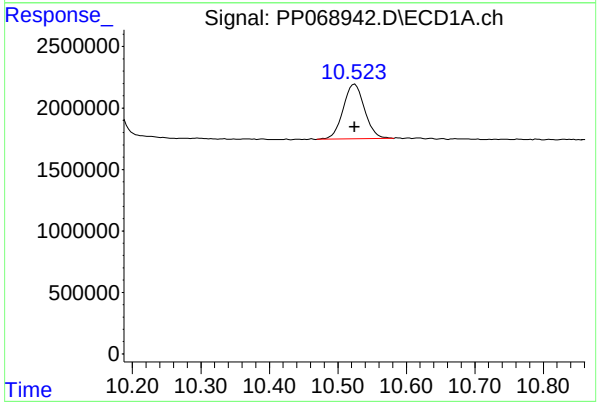
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



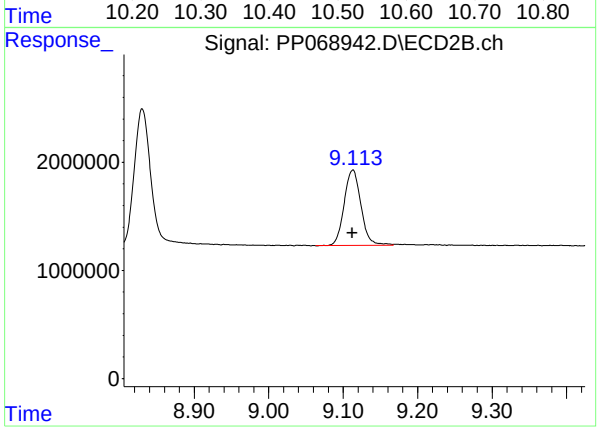
#1 Tetrachloro-m-xylene

R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 5019697
Conc: 4.96 ng/ml



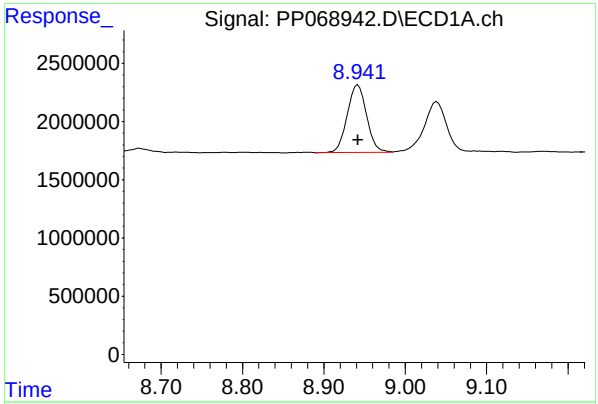
#2 Decachlorobiphenyl

R.T.: 10.525 min
Delta R.T.: 0.000 min
Response: 9687344
Conc: 5.09 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: 0.000 min
Response: 10936318
Conc: 5.40 ng/ml



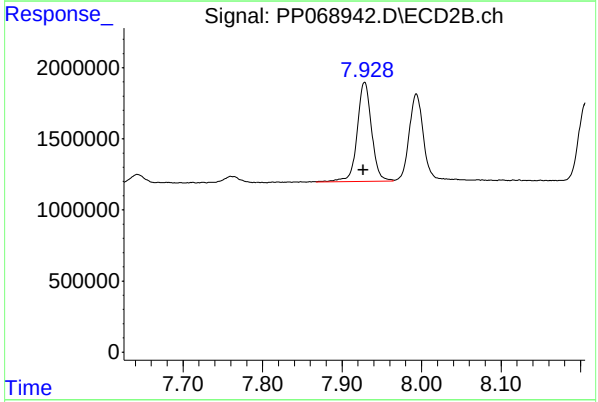
#41 AR-1268-1

R.T.: 8.941 min
Delta R.T.: -0.001 min
Response: 9644341
Conc: 51.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

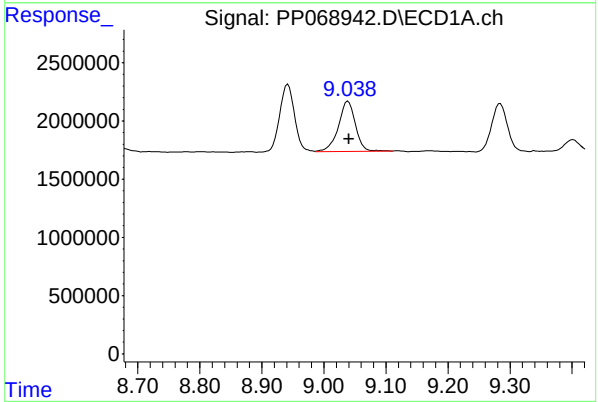
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



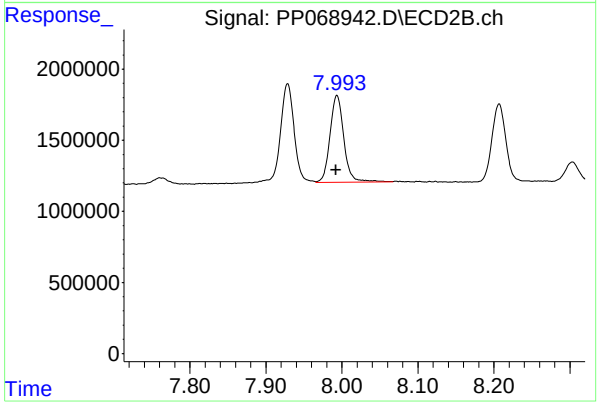
#41 AR-1268-1

R.T.: 7.928 min
Delta R.T.: 0.001 min
Response: 8762627
Conc: 52.41 ng/ml m



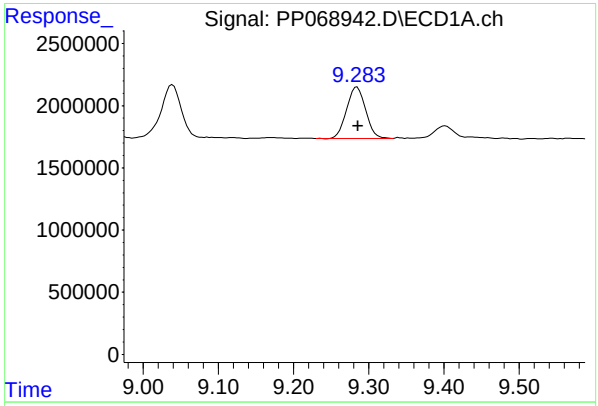
#42 AR-1268-2

R.T.: 9.039 min
Delta R.T.: -0.002 min
Response: 8234453
Conc: 49.52 ng/ml



#42 AR-1268-2

R.T.: 7.993 min
Delta R.T.: 0.001 min
Response: 7668425
Conc: 50.01 ng/ml



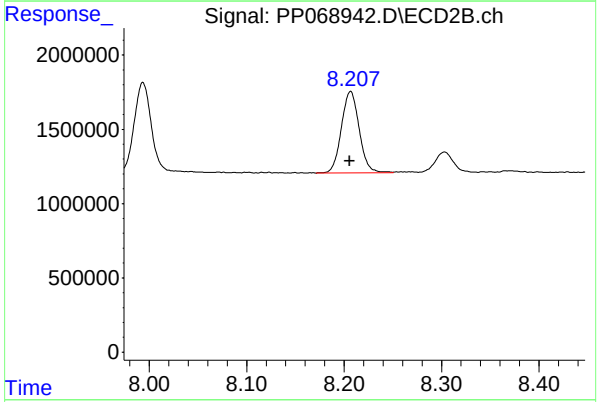
#43 AR-1268-3

R.T.: 9.284 min
Delta R.T.: -0.001 min
Response: 7258307
Conc: 50.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

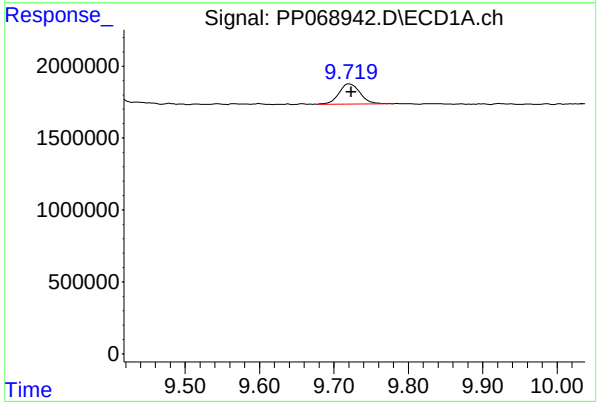
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



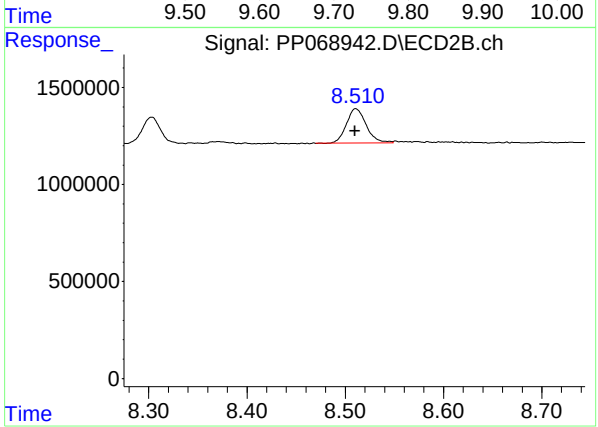
#43 AR-1268-3

R.T.: 8.207 min
Delta R.T.: 0.001 min
Response: 6997899
Conc: 51.20 ng/ml



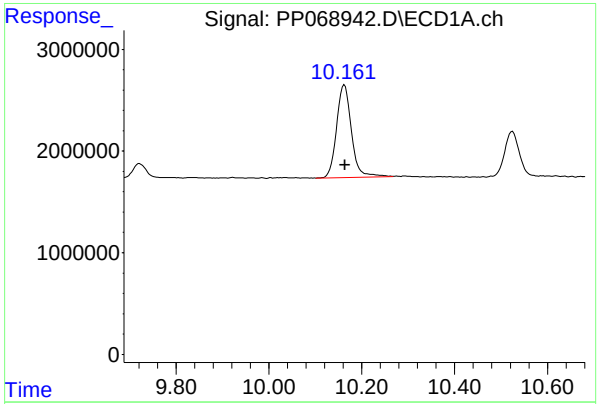
#44 AR-1268-4

R.T.: 9.721 min
Delta R.T.: -0.002 min
Response: 2741415
Conc: 47.33 ng/ml



#44 AR-1268-4

R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 2473714
Conc: 43.80 ng/ml



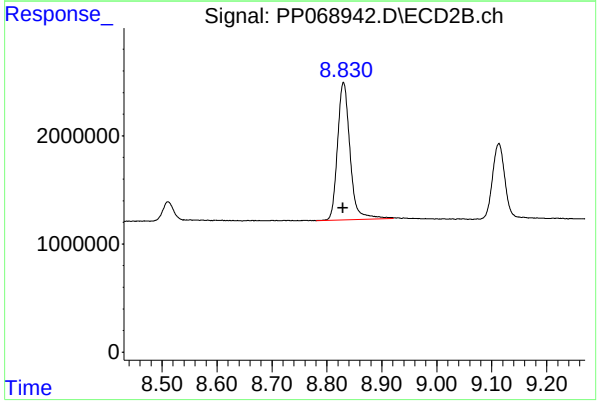
#45 AR-1268-5

R.T.: 10.162 min
Delta R.T.: 0.000 min
Response: 20261101
Conc: 50.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



#45 AR-1268-5

R.T.: 8.830 min
Delta R.T.: 0.000 min
Response: 20123266
Conc: 50.29 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068943.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 03:32
Operator : YP\AJ
Sample : PP010625ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP010625

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 06:01:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:59:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.673	3.985	76007312	53616375	54.631	54.925
2)	SA Decachlor...	10.524	9.114	58354001	60290302	52.267	50.187
	Target Compounds						
3)	L1 AR-1016-1	5.834	5.086	23102887	17950123	515.277	530.555
4)	L1 AR-1016-2	5.856	5.106	36005559	26123062	535.687	519.010
5)	L1 AR-1016-3	5.919	5.286	22116175	14786653	524.222	545.699
6)	L1 AR-1016-4	6.017	5.325	18043603	13170856	515.758	534.514
7)	L1 AR-1016-5	6.311	5.543	18027643	16255783	521.163	538.345
31)	L7 AR-1260-1	7.435	6.586	32628934	28981816	520.121	505.838
32)	L7 AR-1260-2	7.688	6.773	40274439	33476023	531.815	508.160
33)	L7 AR-1260-3	8.048	6.930	35139944	32930217	535.657	511.468
34)	L7 AR-1260-4	8.281	7.404	34692265	29049333	523.970	518.623
35)	L7 AR-1260-5	8.613	7.643	67251763	63035387	537.325	513.261

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

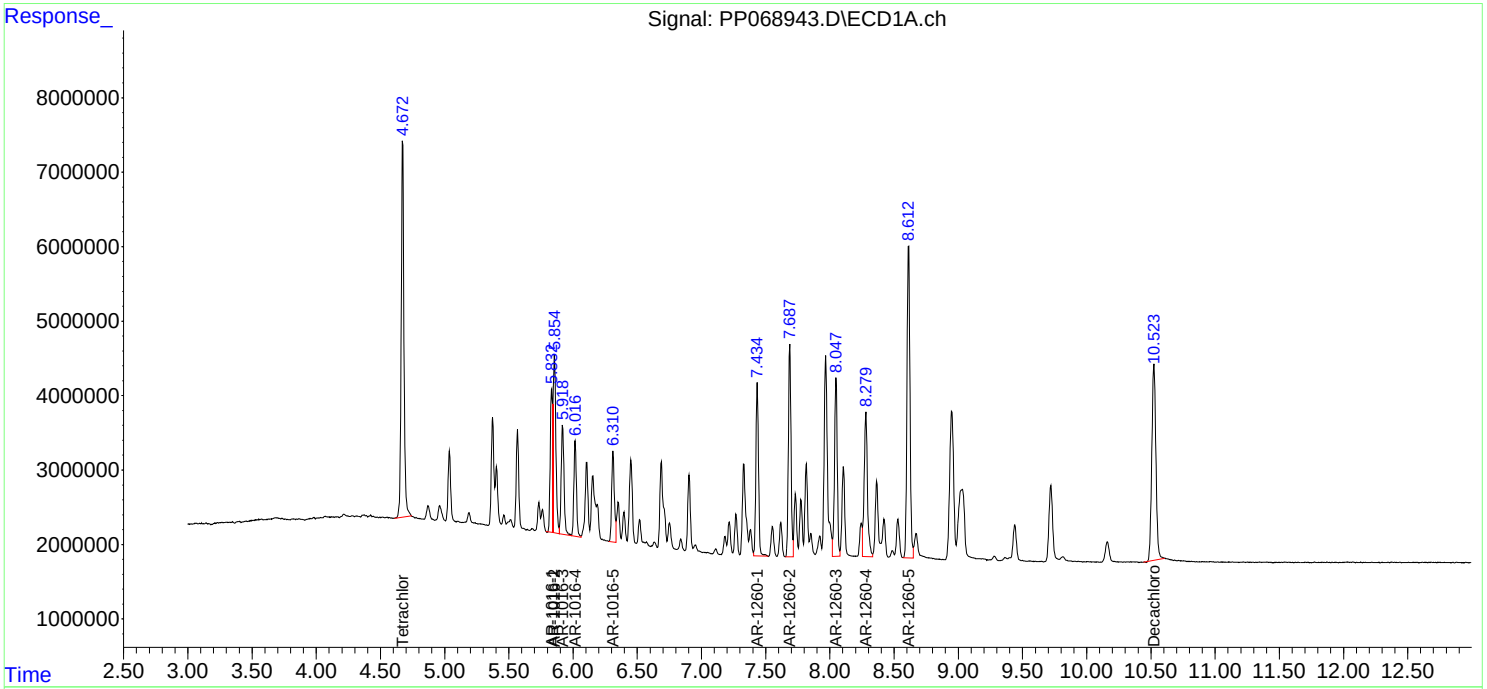
ICAL Form

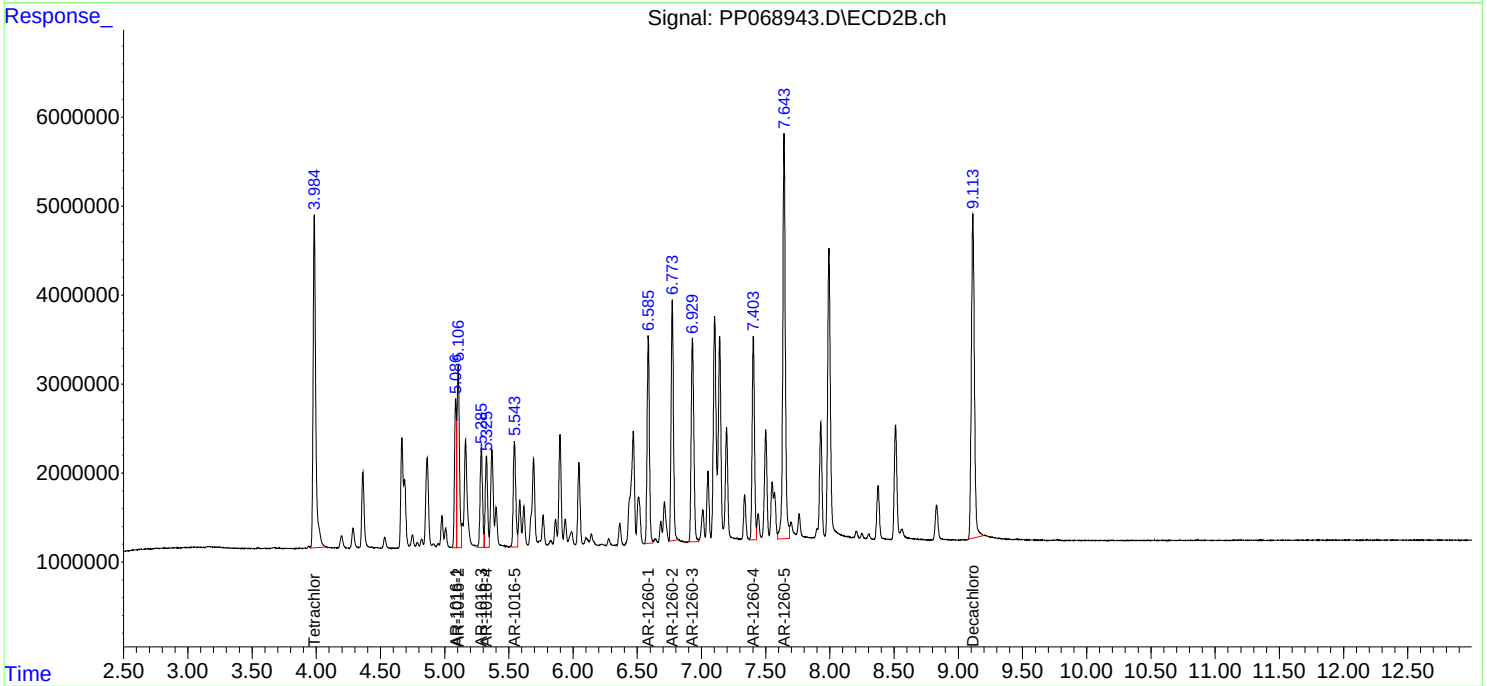
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068943.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 03:32
Operator : YP\AJ
Sample : PP010625ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

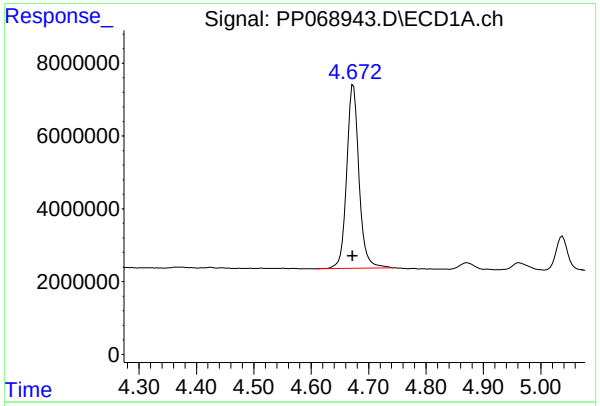
Instrument :
ECD_P
ClientSampleId :
ICVPP010625

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 06:01:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:59:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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



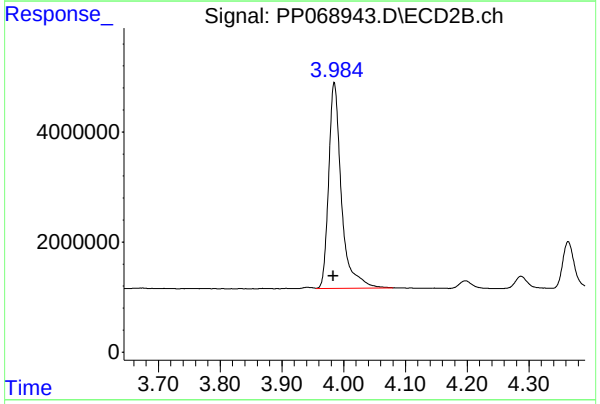




#1 Tetrachloro-m-xylene

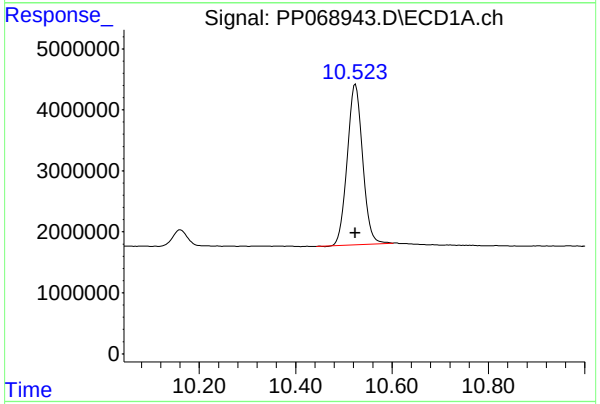
R.T.: 4.673 min
Delta R.T.: 0.001 mi
Response: 76007312
Conc: 54.63 ng/m

Instrument :
ECD_P
ClientSampleId :
ICVPP010625



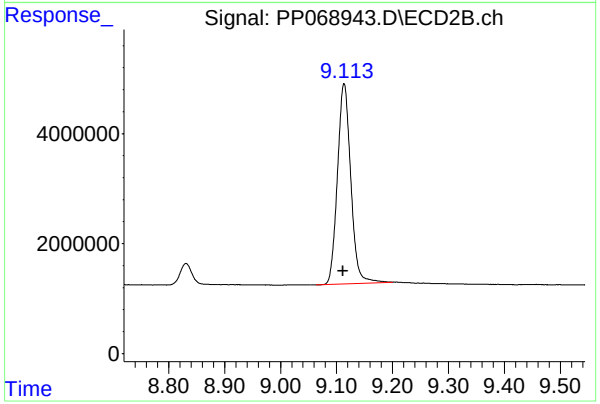
#1 Tetrachloro-m-xylene

R.T.: 3.985 min
Delta R.T.: 0.002 min
Response: 53616375
Conc: 54.93 ng/ml



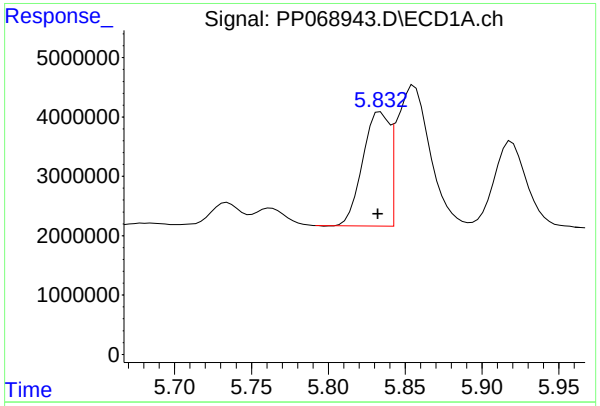
#2 Decachlorobiphenyl

R.T.: 10.524 min
Delta R.T.: 0.000 min
Response: 58354001
Conc: 52.27 ng/ml



#2 Decachlorobiphenyl

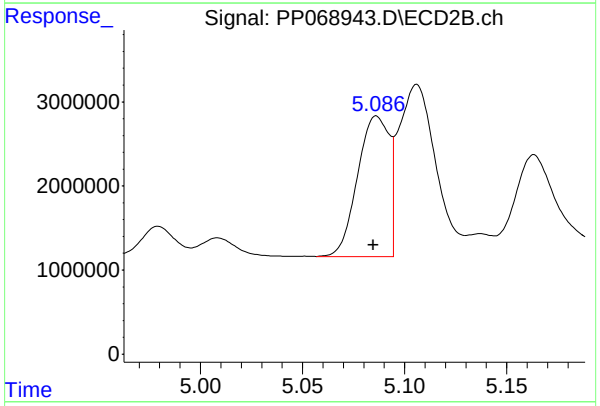
R.T.: 9.114 min
Delta R.T.: 0.002 min
Response: 60290302
Conc: 50.19 ng/ml



#3 AR-1016-1

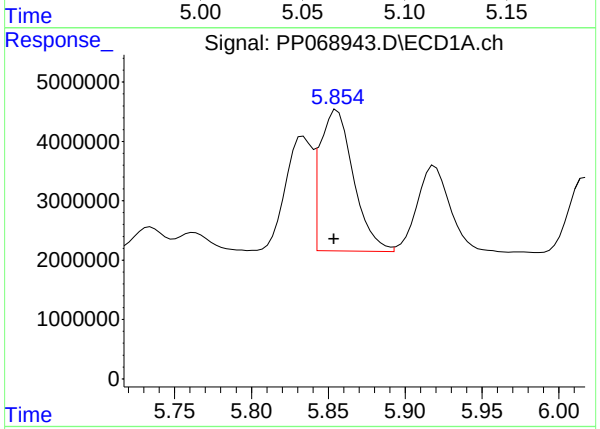
R.T.: 5.834 min
Delta R.T.: 0.002 min
Response: 23102887
Conc: 515.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP010625



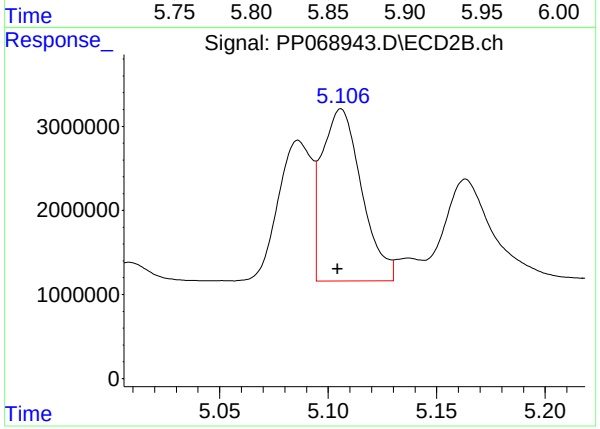
#3 AR-1016-1

R.T.: 5.086 min
Delta R.T.: 0.002 min
Response: 17950123
Conc: 530.56 ng/ml



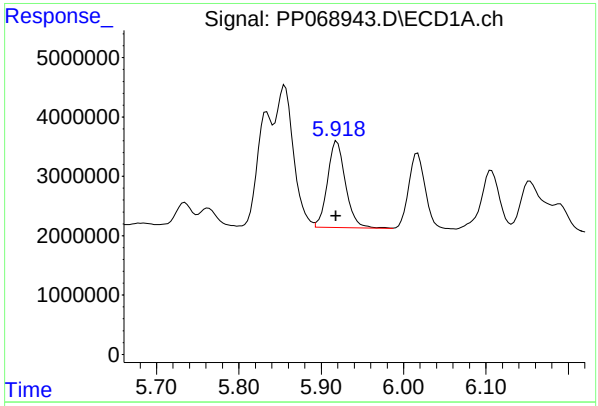
#4 AR-1016-2

R.T.: 5.856 min
Delta R.T.: 0.002 min
Response: 36005559
Conc: 535.69 ng/ml



#4 AR-1016-2

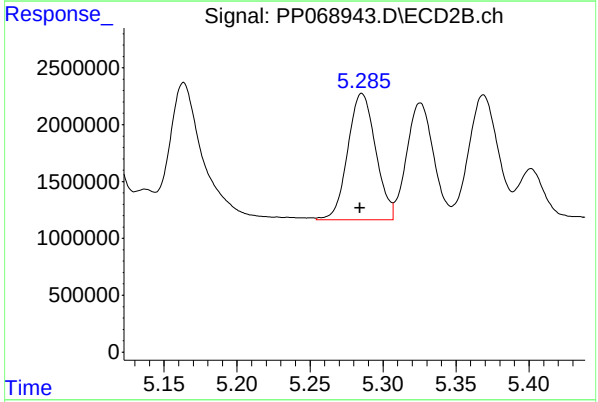
R.T.: 5.106 min
Delta R.T.: 0.002 min
Response: 26123062
Conc: 519.01 ng/ml



#5 AR-1016-3

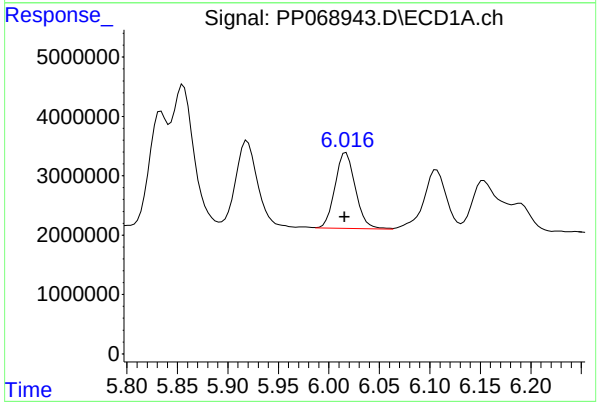
R.T.: 5.919 min
Delta R.T.: 0.001 mi
Response: 22116175
Conc: 524.22 ng/m

Instrument :
ECD_P
ClientSampleId :
ICVPP010625



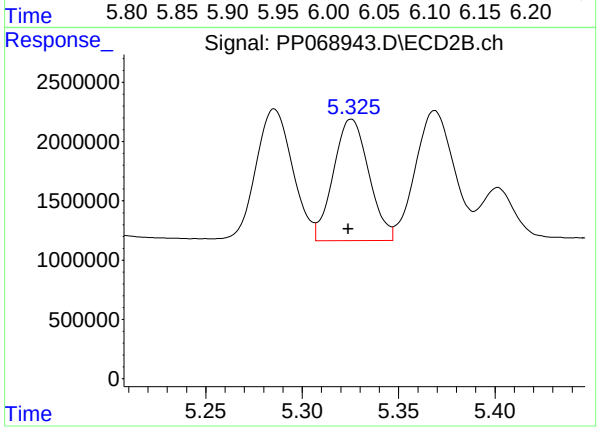
#5 AR-1016-3

R.T.: 5.286 min
Delta R.T.: 0.001 min
Response: 14786653
Conc: 545.70 ng/ml



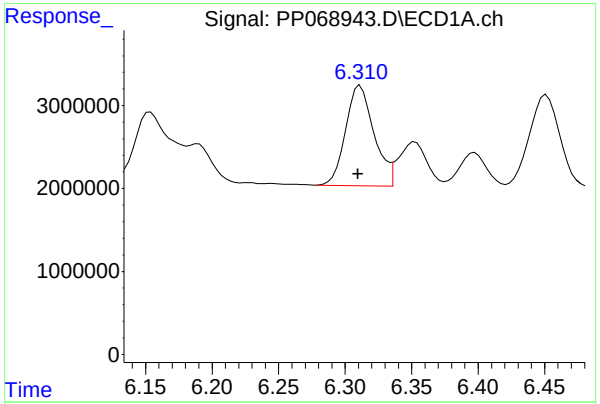
#6 AR-1016-4

R.T.: 6.017 min
Delta R.T.: 0.001 min
Response: 18043603
Conc: 515.76 ng/ml



#6 AR-1016-4

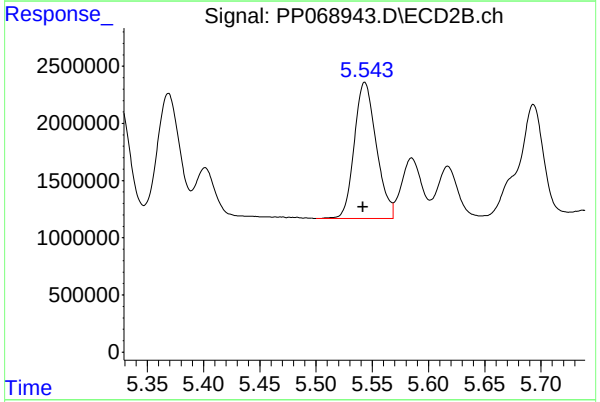
R.T.: 5.325 min
Delta R.T.: 0.001 min
Response: 13170856
Conc: 534.51 ng/ml



#7 AR-1016-5

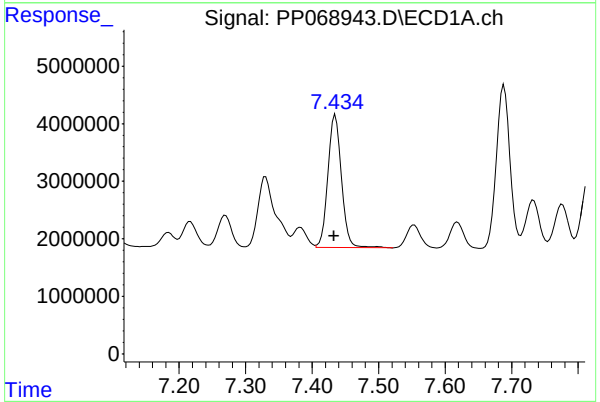
R.T.: 6.311 min
Delta R.T.: 0.002 min
Response: 18027643
Conc: 521.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP010625



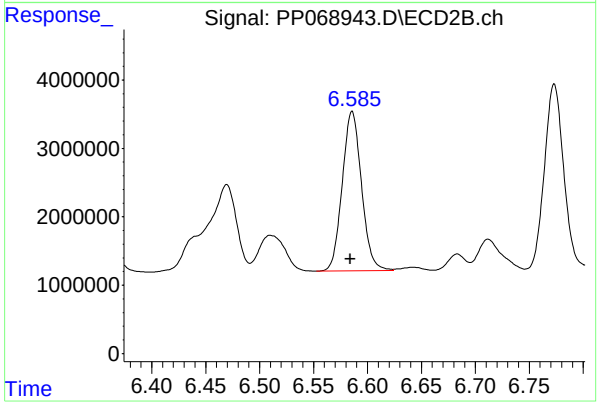
#7 AR-1016-5

R.T.: 5.543 min
Delta R.T.: 0.001 min
Response: 16255783
Conc: 538.35 ng/ml



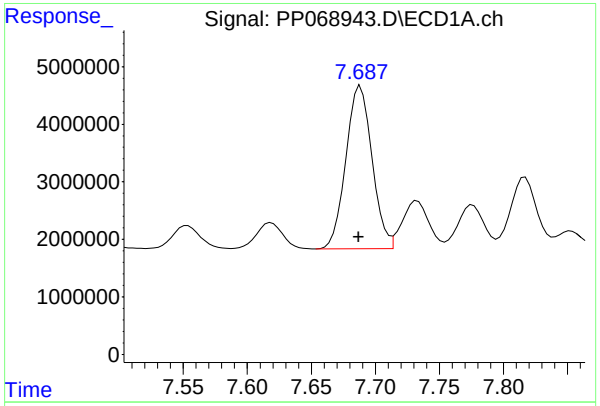
#31 AR-1260-1

R.T.: 7.435 min
Delta R.T.: 0.002 min
Response: 32628934
Conc: 520.12 ng/ml



#31 AR-1260-1

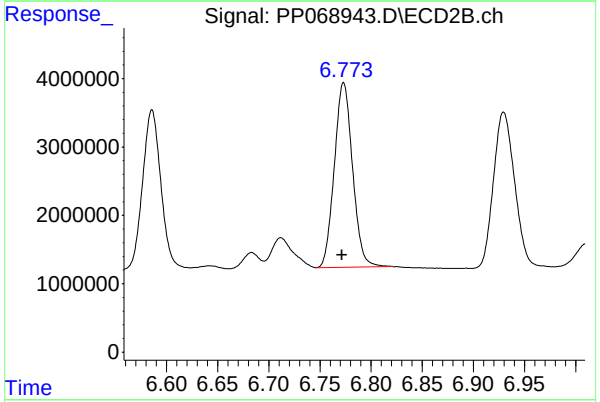
R.T.: 6.586 min
Delta R.T.: 0.002 min
Response: 28981816
Conc: 505.84 ng/ml



#32 AR-1260-2

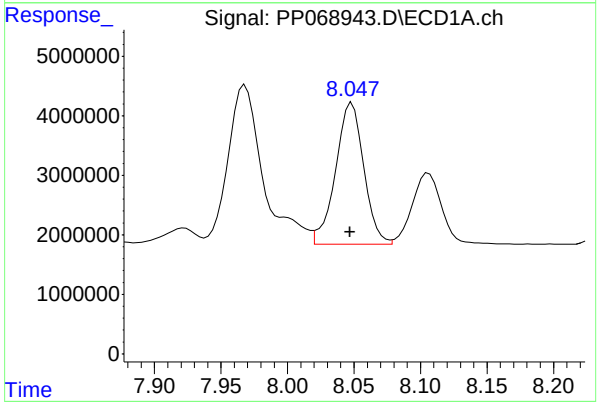
R.T.: 7.688 min
Delta R.T.: 0.001 min
Response: 40274439
Conc: 531.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP010625



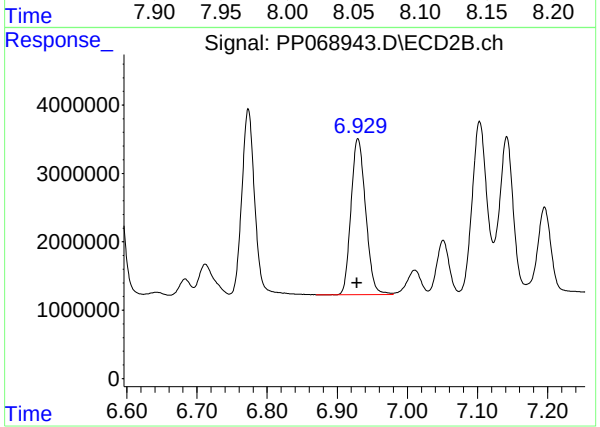
#32 AR-1260-2

R.T.: 6.773 min
Delta R.T.: 0.001 min
Response: 33476023
Conc: 508.16 ng/ml



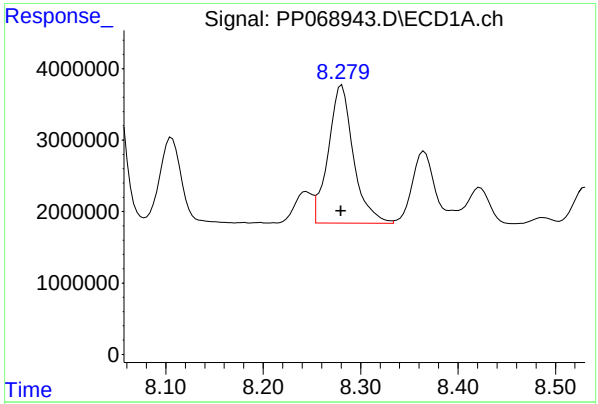
#33 AR-1260-3

R.T.: 8.048 min
Delta R.T.: 0.002 min
Response: 35139944
Conc: 535.66 ng/ml



#33 AR-1260-3

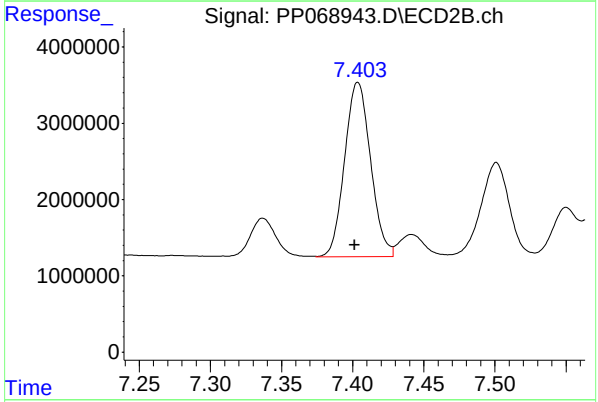
R.T.: 6.930 min
Delta R.T.: 0.001 min
Response: 32930217
Conc: 511.47 ng/ml



#34 AR-1260-4

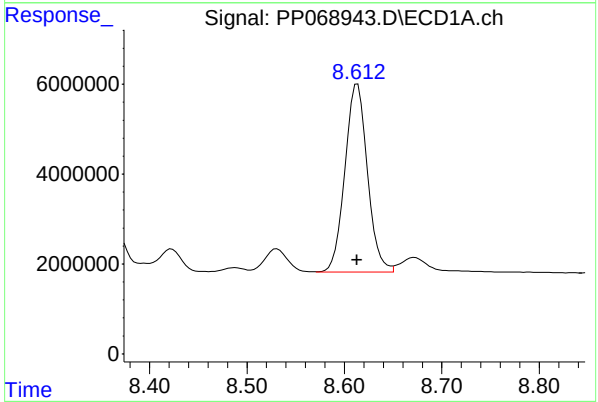
R.T.: 8.281 min
Delta R.T.: 0.000 min
Response: 34692265
Conc: 523.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP010625



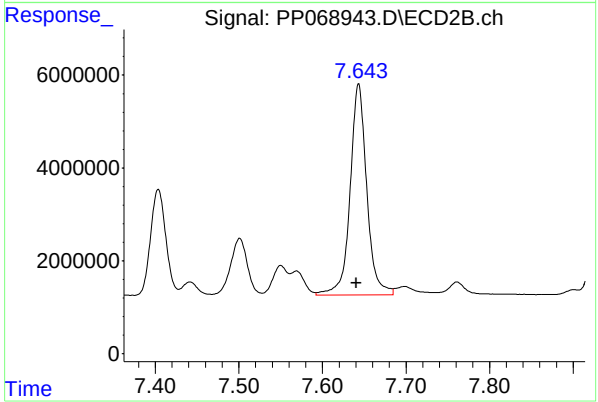
#34 AR-1260-4

R.T.: 7.404 min
Delta R.T.: 0.002 min
Response: 29049333
Conc: 518.62 ng/ml



#35 AR-1260-5

R.T.: 8.613 min
Delta R.T.: 0.000 min
Response: 67251763
Conc: 537.32 ng/ml



#35 AR-1260-5

R.T.: 7.643 min
Delta R.T.: 0.003 min
Response: 63035387
Conc: 513.26 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068944.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 03:48
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP010625AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 10:57:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 10:57:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.675	3.985	75633026	53984632	52.220	53.431
2)	SA Decachlor...	10.527	9.113	59522370	62456747	51.720	51.312
	Target Compounds						
16)	L4 AR-1242-1	5.836	5.086	19340084	15145231	521.837	516.072
17)	L4 AR-1242-2	5.857	5.106	30173510	21920241	525.979	520.641
18)	L4 AR-1242-3	5.921	5.286	18312969	12216268	532.278	525.042
19)	L4 AR-1242-4	6.019	5.369	14826631	12877419	515.604	528.443
20)	L4 AR-1242-5	6.752	5.898	16021625	15008675	510.513	516.943

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

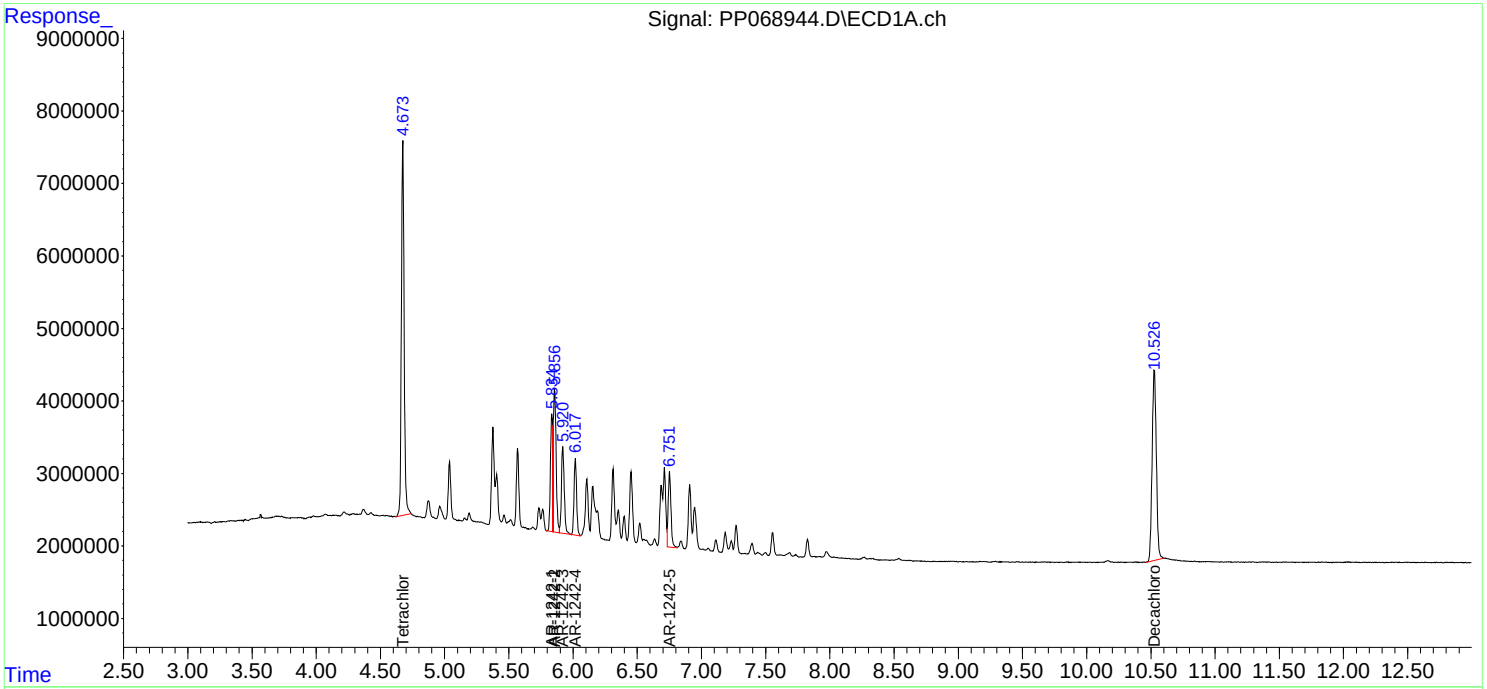
ICAL Form

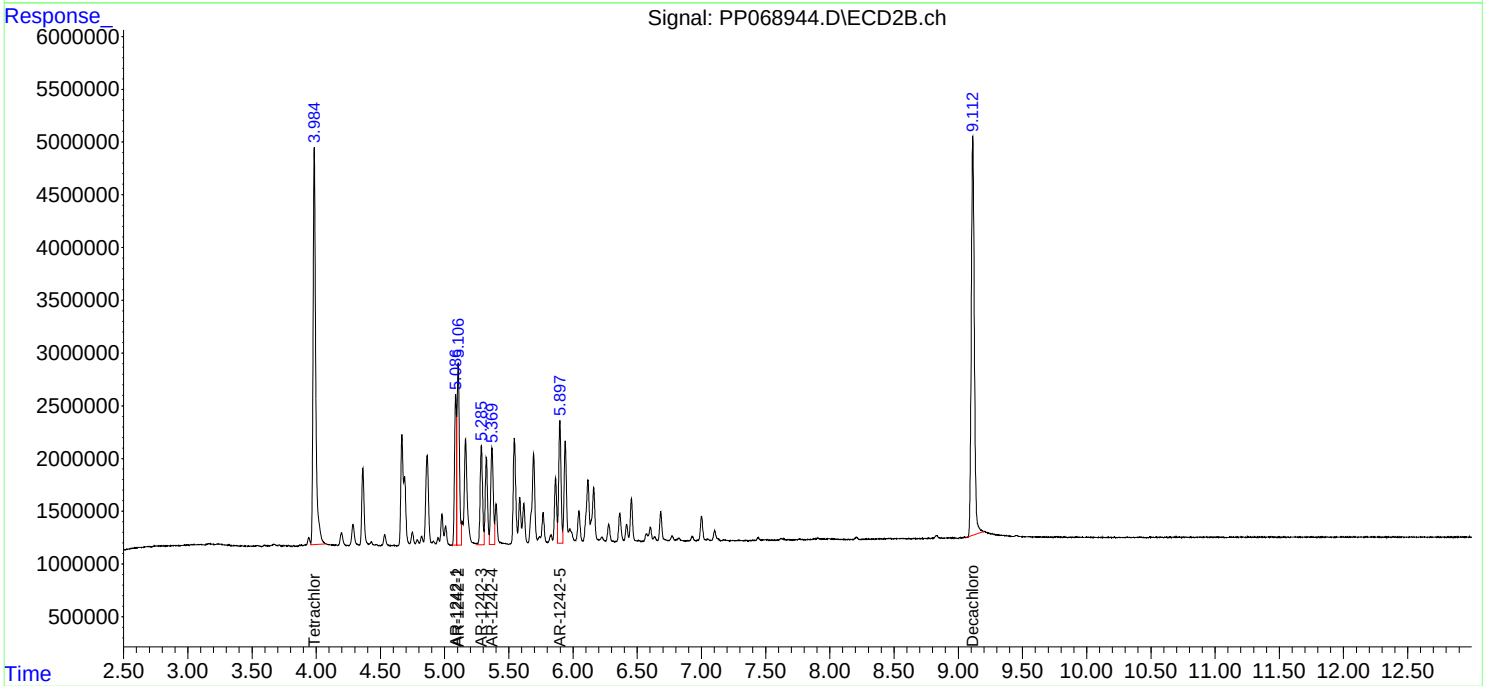
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068944.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 03:48
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

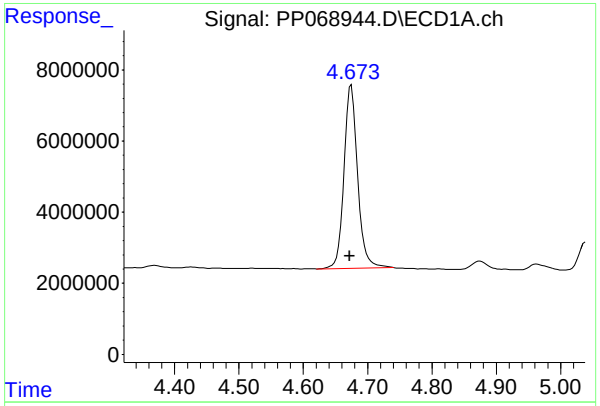
Instrument :
ECD_P
ClientSampleId :
ICVPP010625AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 10:57:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 10:57:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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



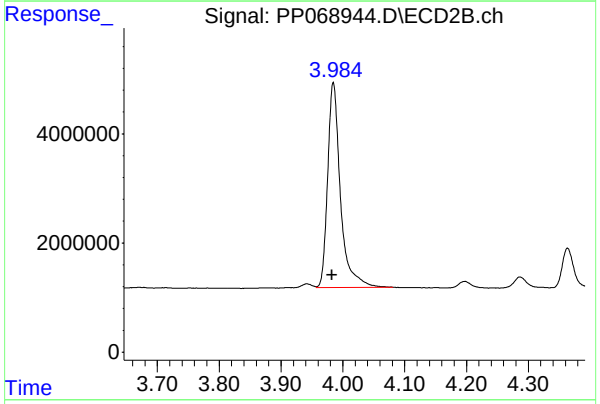




#1 Tetrachloro-m-xylene

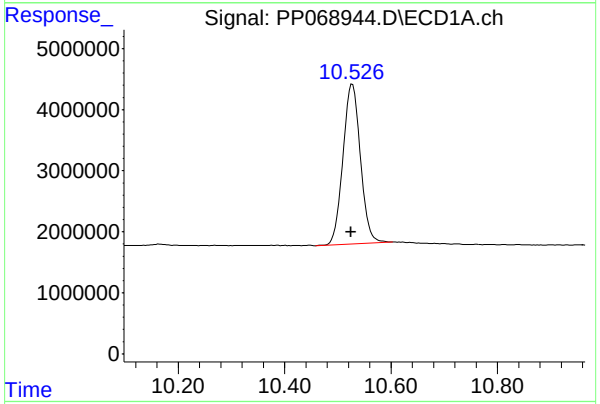
R.T.: 4.675 min
Delta R.T.: 0.003 min
Response: 75633026
Conc: 52.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP010625AR1242



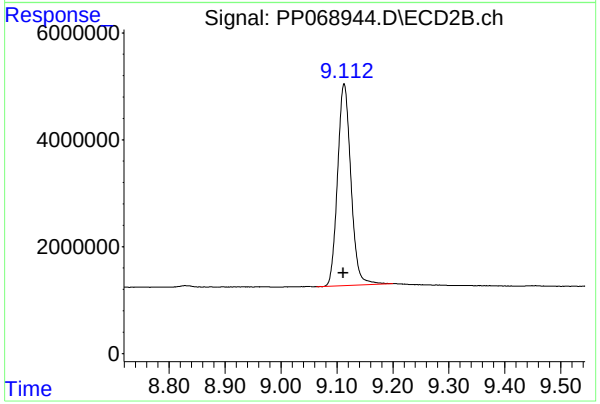
#1 Tetrachloro-m-xylene

R.T.: 3.985 min
Delta R.T.: 0.002 min
Response: 53984632
Conc: 53.43 ng/ml



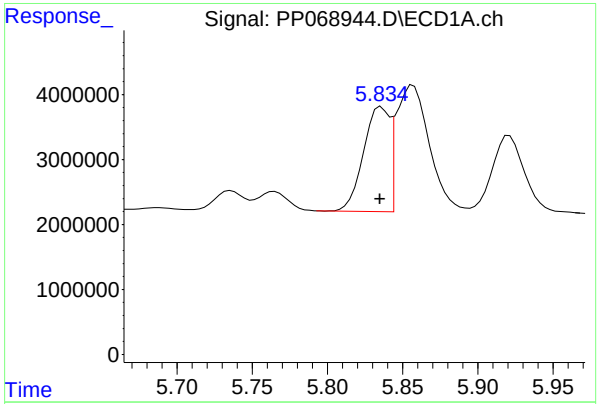
#2 Decachlorobiphenyl

R.T.: 10.527 min
Delta R.T.: 0.003 min
Response: 59522370
Conc: 51.72 ng/ml



#2 Decachlorobiphenyl

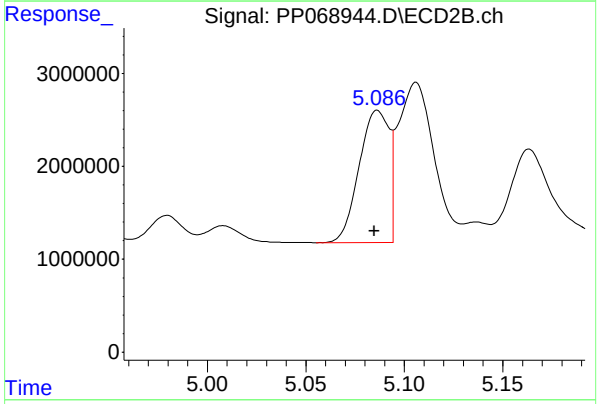
R.T.: 9.113 min
Delta R.T.: 0.002 min
Response: 62456747
Conc: 51.31 ng/ml



#16 AR-1242-1

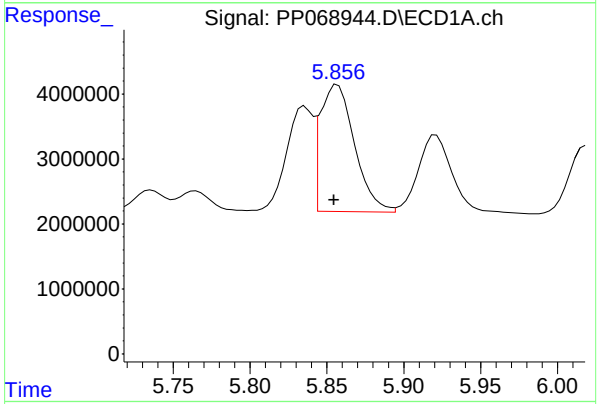
R.T.: 5.836 min
Delta R.T.: 0.000 min
Response: 19340084
Conc: 521.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP010625AR1242



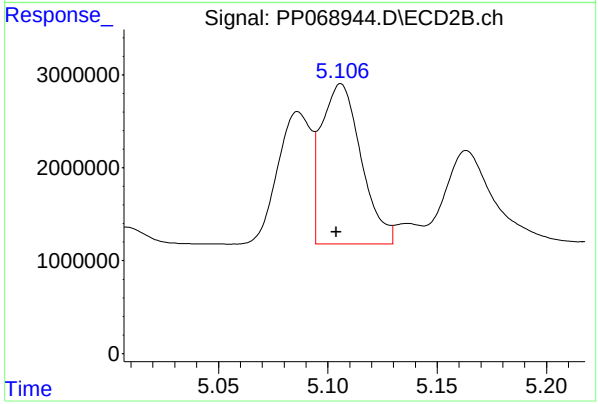
#16 AR-1242-1

R.T.: 5.086 min
Delta R.T.: 0.002 min
Response: 15145231
Conc: 516.07 ng/ml



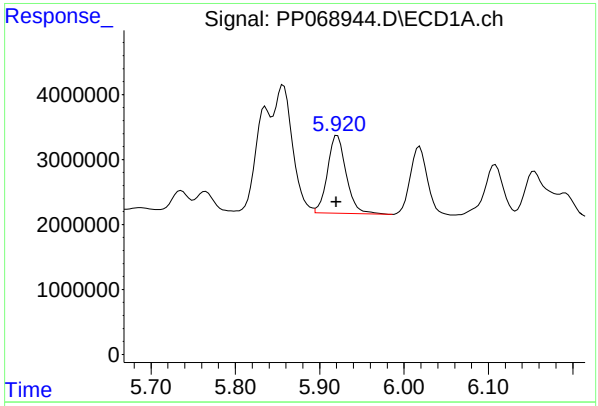
#17 AR-1242-2

R.T.: 5.857 min
Delta R.T.: 0.002 min
Response: 30173510
Conc: 525.98 ng/ml



#17 AR-1242-2

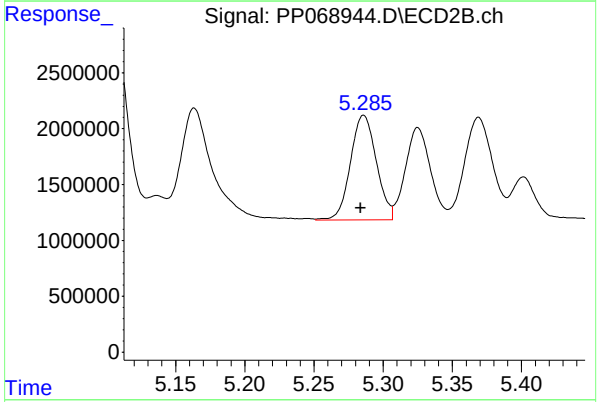
R.T.: 5.106 min
Delta R.T.: 0.002 min
Response: 21920241
Conc: 520.64 ng/ml



#18 AR-1242-3

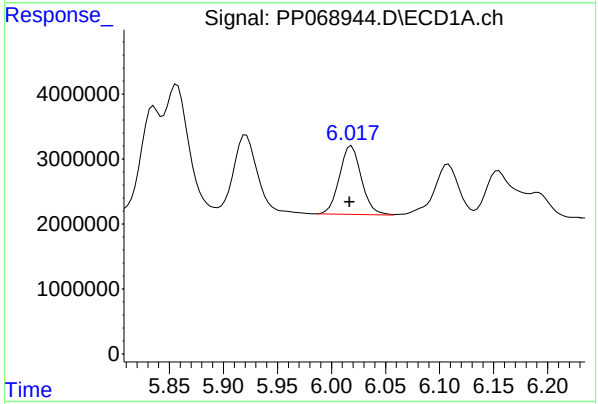
R.T.: 5.921 min
Delta R.T.: 0.001 min
Response: 18312969
Conc: 532.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP010625AR1242



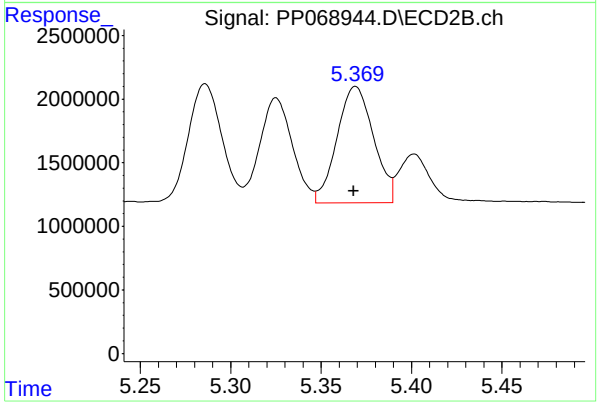
#18 AR-1242-3

R.T.: 5.286 min
Delta R.T.: 0.002 min
Response: 12216268
Conc: 525.04 ng/ml



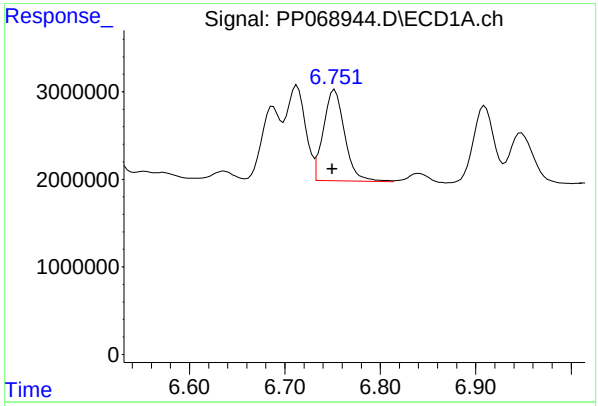
#19 AR-1242-4

R.T.: 6.019 min
Delta R.T.: 0.002 min
Response: 14826631
Conc: 515.60 ng/ml



#19 AR-1242-4

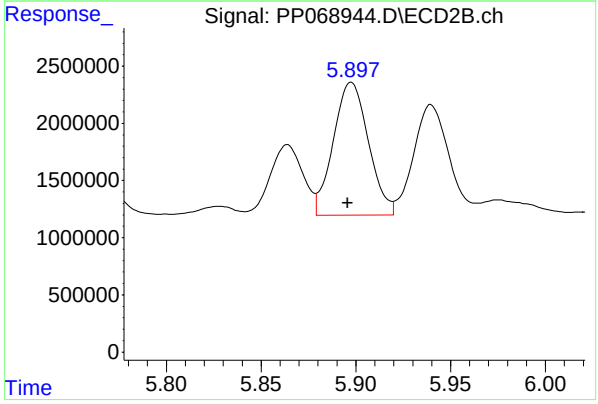
R.T.: 5.369 min
Delta R.T.: 0.001 min
Response: 12877419
Conc: 528.44 ng/ml



#20 AR-1242-5

R.T.: 6.752 min
Delta R.T.: 0.002 min
Response: 16021625
Conc: 510.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP010625AR1242



#20 AR-1242-5

R.T.: 5.898 min
Delta R.T.: 0.002 min
Response: 15008675
Conc: 516.94 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068945.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 04:05
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP010625AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 05:55:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:54:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.672	3.984	76546084	53218812	53.484	53.352
2)	SA Decachlor...	10.524	9.113	61065669	65982257	52.716	53.709
	Target Compounds						
21)	L5 AR-1248-1	5.833	5.086	14935906	12453303	507.547	541.468
22)	L5 AR-1248-2	6.106	5.325	22553448	18424233	523.028	539.641
23)	L5 AR-1248-3	6.311	5.368	24868596	19117861	527.128	541.079
24)	L5 AR-1248-4	6.711	5.542	28214843	21741044	525.408	528.186
25)	L5 AR-1248-5	6.750	5.939	27442361	20603468	527.563	532.579

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

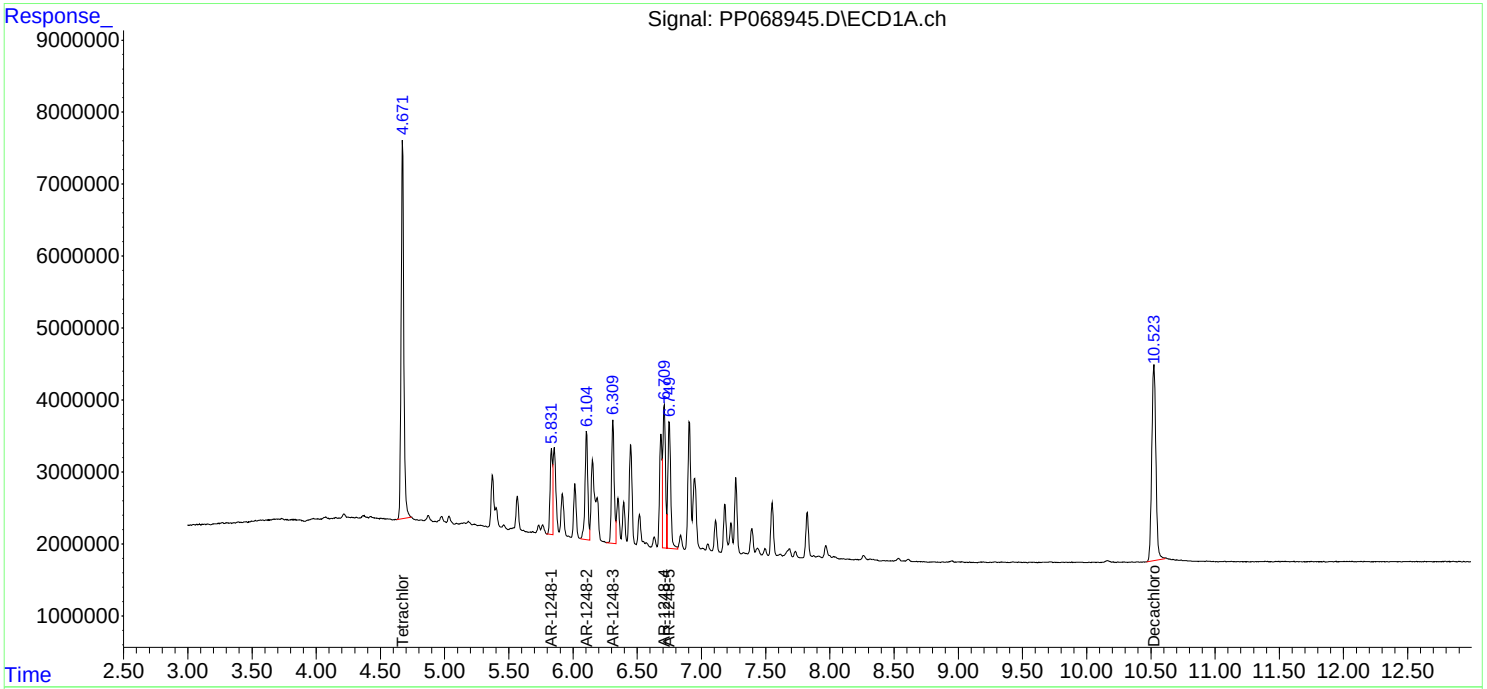
ICAL Form

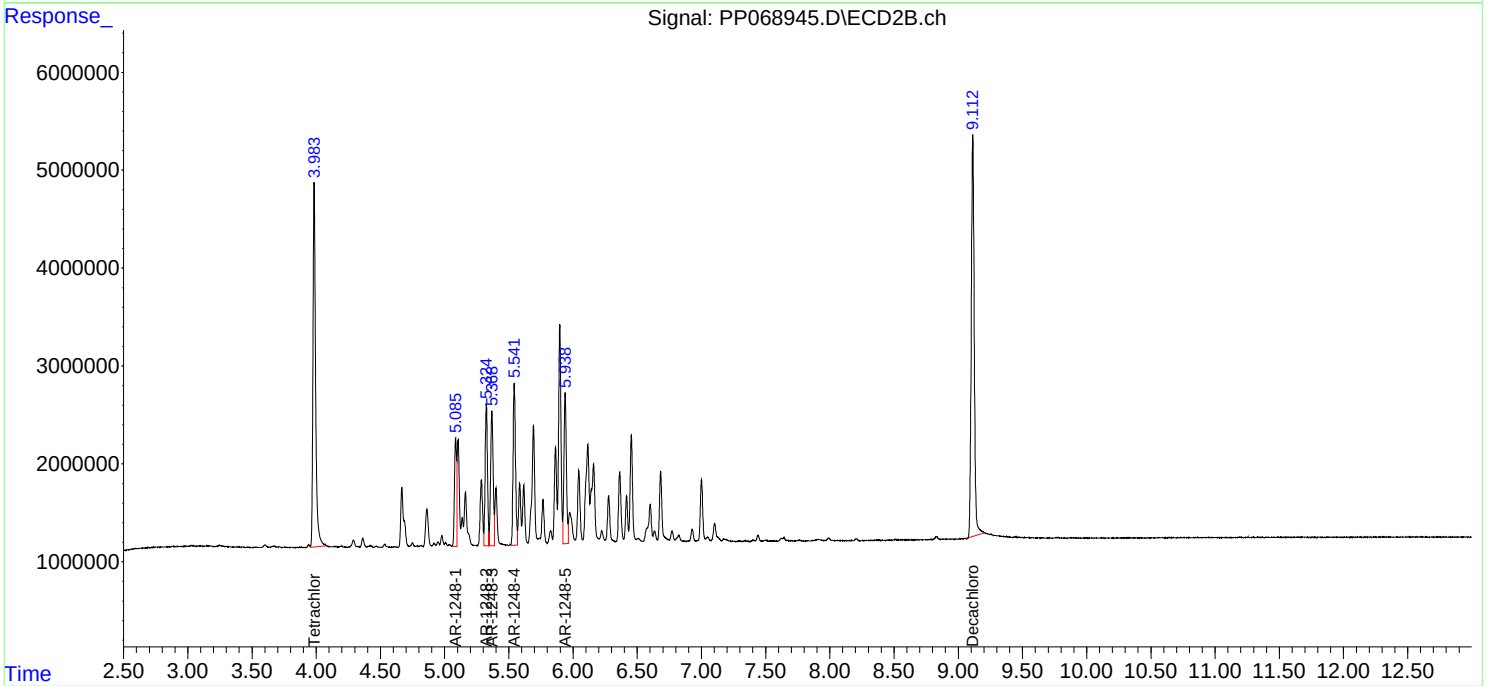
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068945.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 04:05
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

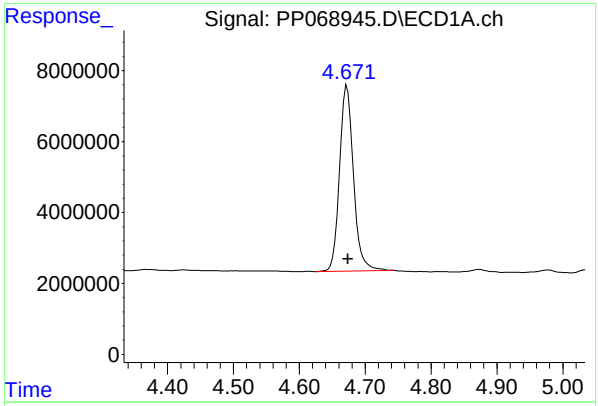
Instrument :
ECD_P
ClientSampleId :
ICVPP010625AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 05:55:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:54:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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



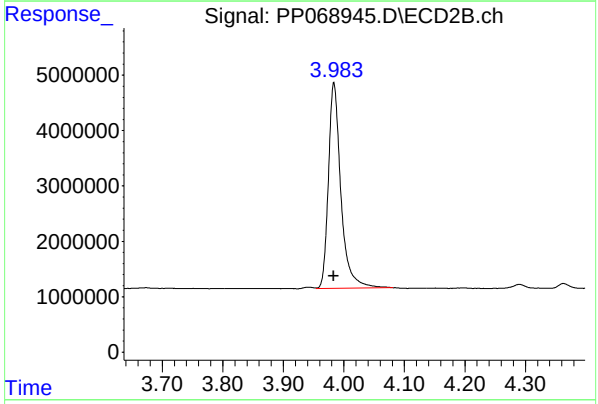




#1 Tetrachloro-m-xylene

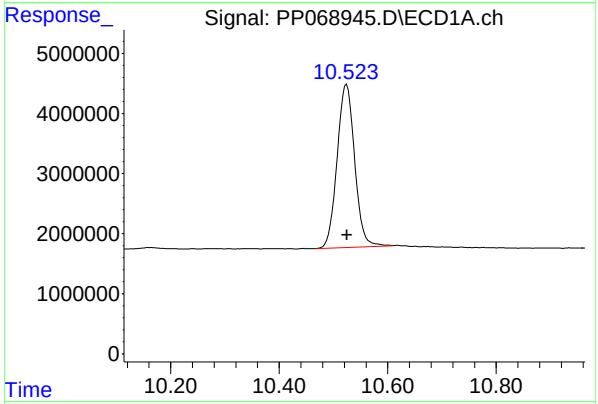
R.T.: 4.672 min
Delta R.T.: -0.002 min
Response: 76546084
Conc: 53.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP010625AR1248



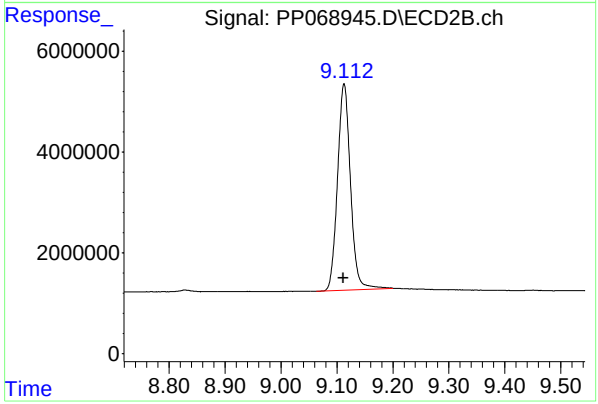
#1 Tetrachloro-m-xylene

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 53218812
Conc: 53.35 ng/ml



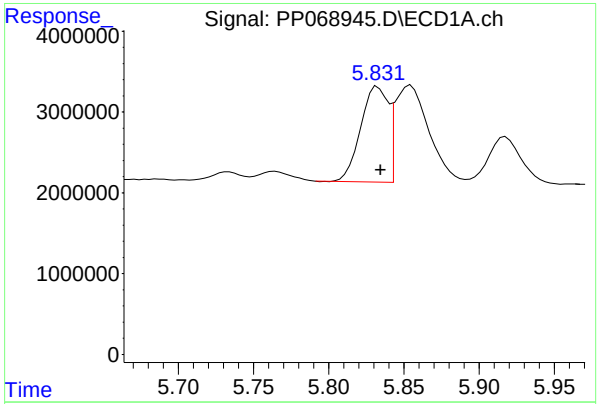
#2 Decachlorobiphenyl

R.T.: 10.524 min
Delta R.T.: -0.001 min
Response: 61065669
Conc: 52.72 ng/ml



#2 Decachlorobiphenyl

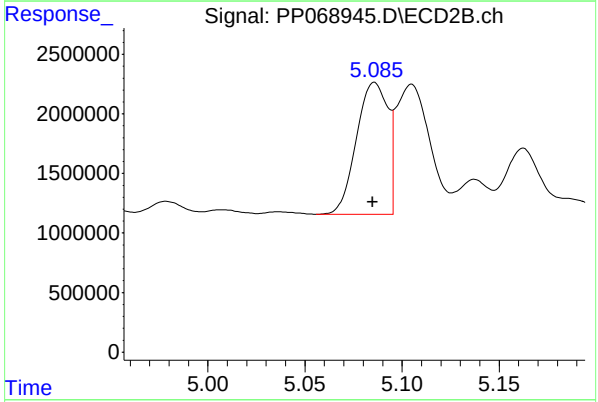
R.T.: 9.113 min
Delta R.T.: 0.002 min
Response: 65982257
Conc: 53.71 ng/ml



#21 AR-1248-1

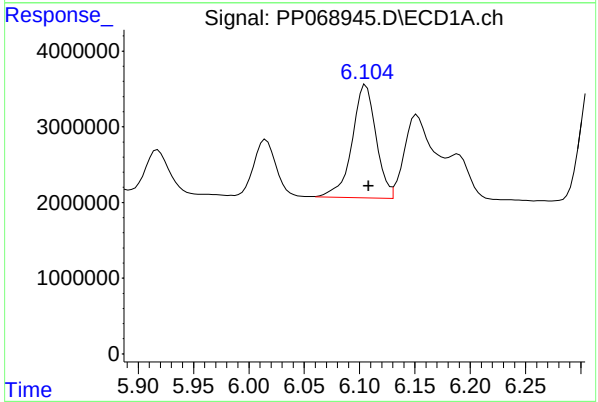
R.T.: 5.833 min
Delta R.T.: -0.002 mi
Response: 14935906
Conc: 507.55 ng/m

Instrument :
ECD_P
ClientSampleId :
ICVPP010625AR1248



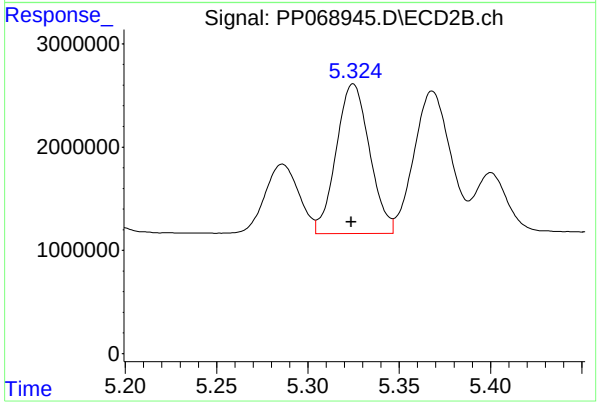
#21 AR-1248-1

R.T.: 5.086 min
Delta R.T.: 0.001 min
Response: 12453303
Conc: 541.47 ng/ml



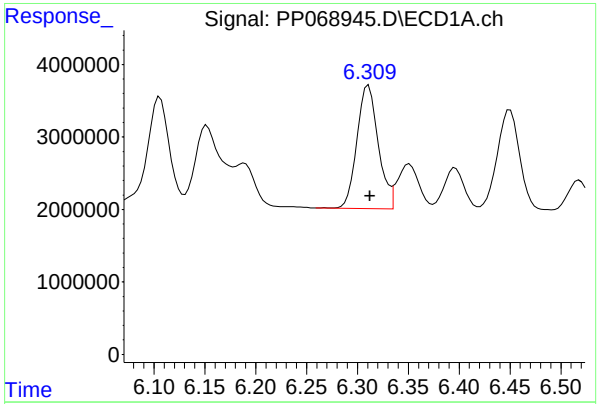
#22 AR-1248-2

R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 22553448
Conc: 523.03 ng/ml



#22 AR-1248-2

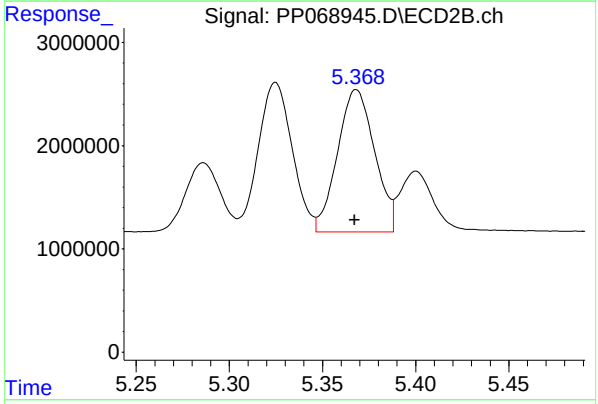
R.T.: 5.325 min
Delta R.T.: 0.001 min
Response: 18424233
Conc: 539.64 ng/ml



#23 AR-1248-3

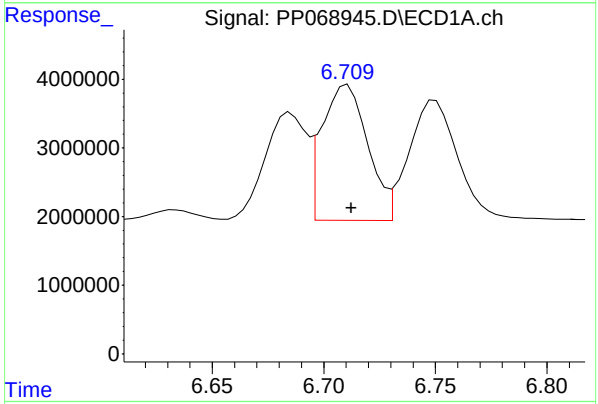
R.T.: 6.311 min
Delta R.T.: -0.001 min
Response: 24868596
Conc: 527.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP010625AR1248



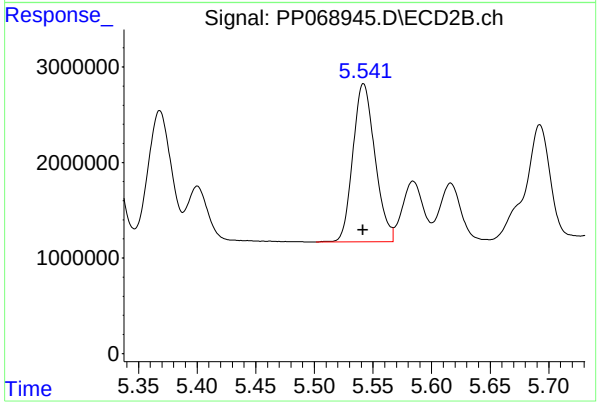
#23 AR-1248-3

R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 19117861
Conc: 541.08 ng/ml



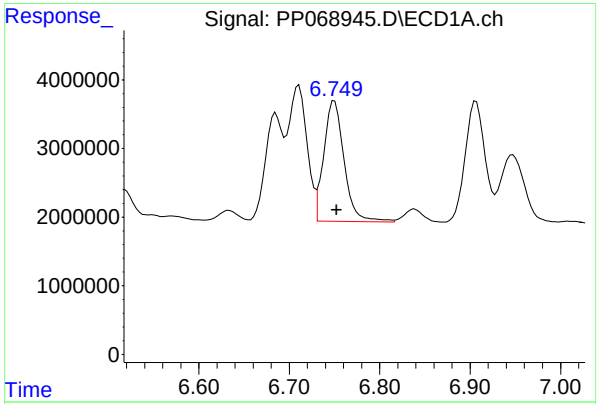
#24 AR-1248-4

R.T.: 6.711 min
Delta R.T.: -0.002 min
Response: 28214843
Conc: 525.41 ng/ml



#24 AR-1248-4

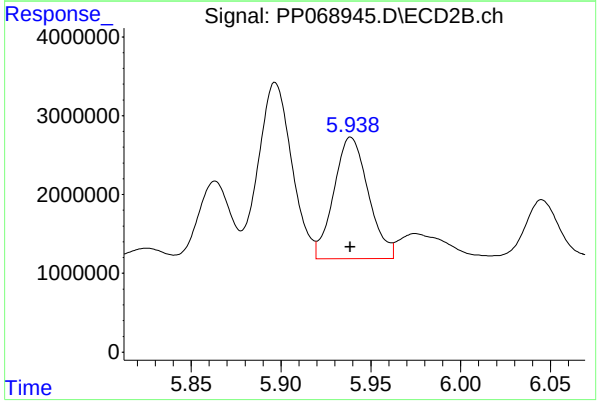
R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 21741044
Conc: 528.19 ng/ml



#25 AR-1248-5

R.T.: 6.750 min
Delta R.T.: -0.002 mi
Response: 27442361
Conc: 527.56 ng/m

Instrument :
ECD_P
ClientSampleId :
ICVPP010625AR1248



#25 AR-1248-5

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 20603468
Conc: 532.58 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068946.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 04:21
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP010625AR1254

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:55:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 04:31:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.675	3.985	76900922	55729128	52.541	52.758
2)	SA Decachlor...	10.526	9.113	61345705	63520580	52.686	52.516
	Target Compounds						
26)	L6 AR-1254-1	6.689	5.899	28517259	31814360	548.708m	528.661
27)	L6 AR-1254-2	6.907	6.047	42499134	28025650	518.183	525.675
28)	L6 AR-1254-3	7.271	6.455	42679794	43666057	525.280	526.005
29)	L6 AR-1254-4	7.554	6.683	32222102	24035176	524.178	530.895
30)	L6 AR-1254-5	7.970	7.104	33328008	39589013	499.611m	521.708

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068946.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 04:21
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

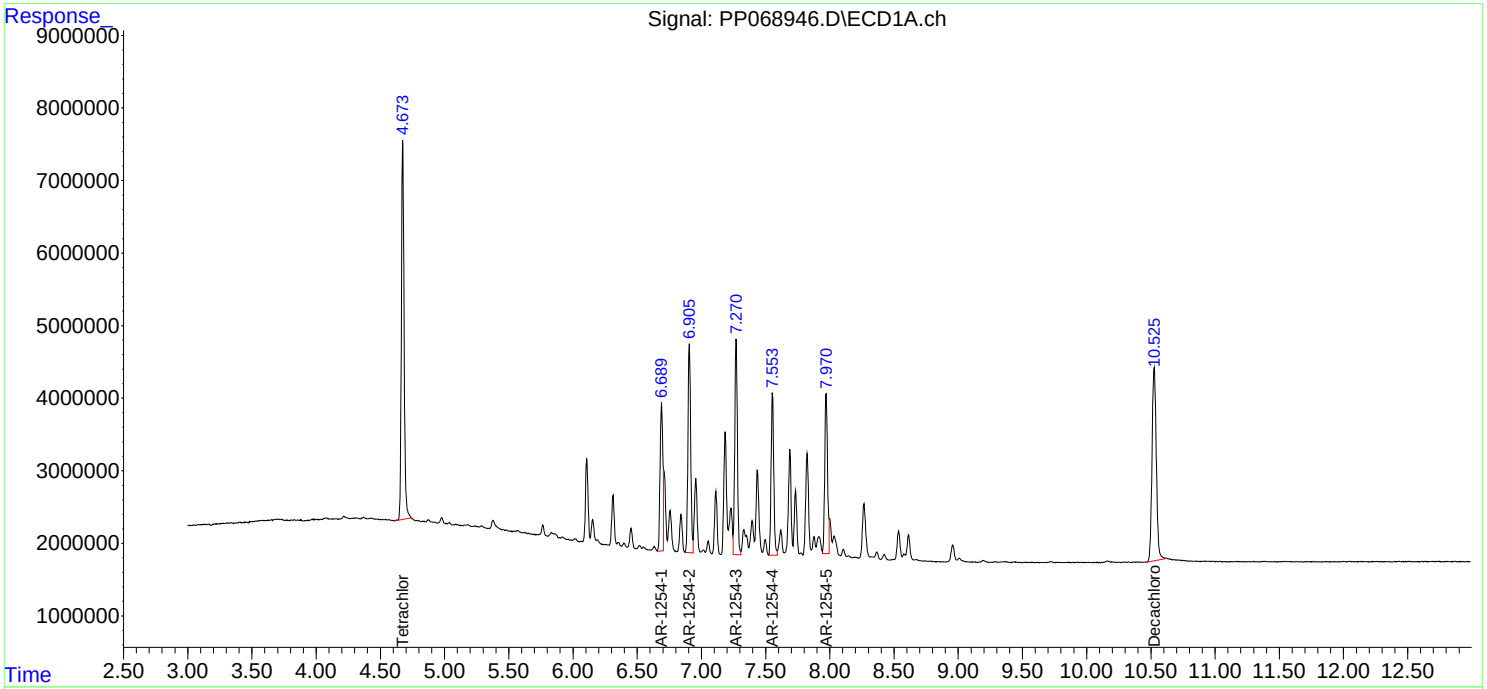
Instrument :
ECD_P
ClientSampleId :
ICVPP010625AR1254

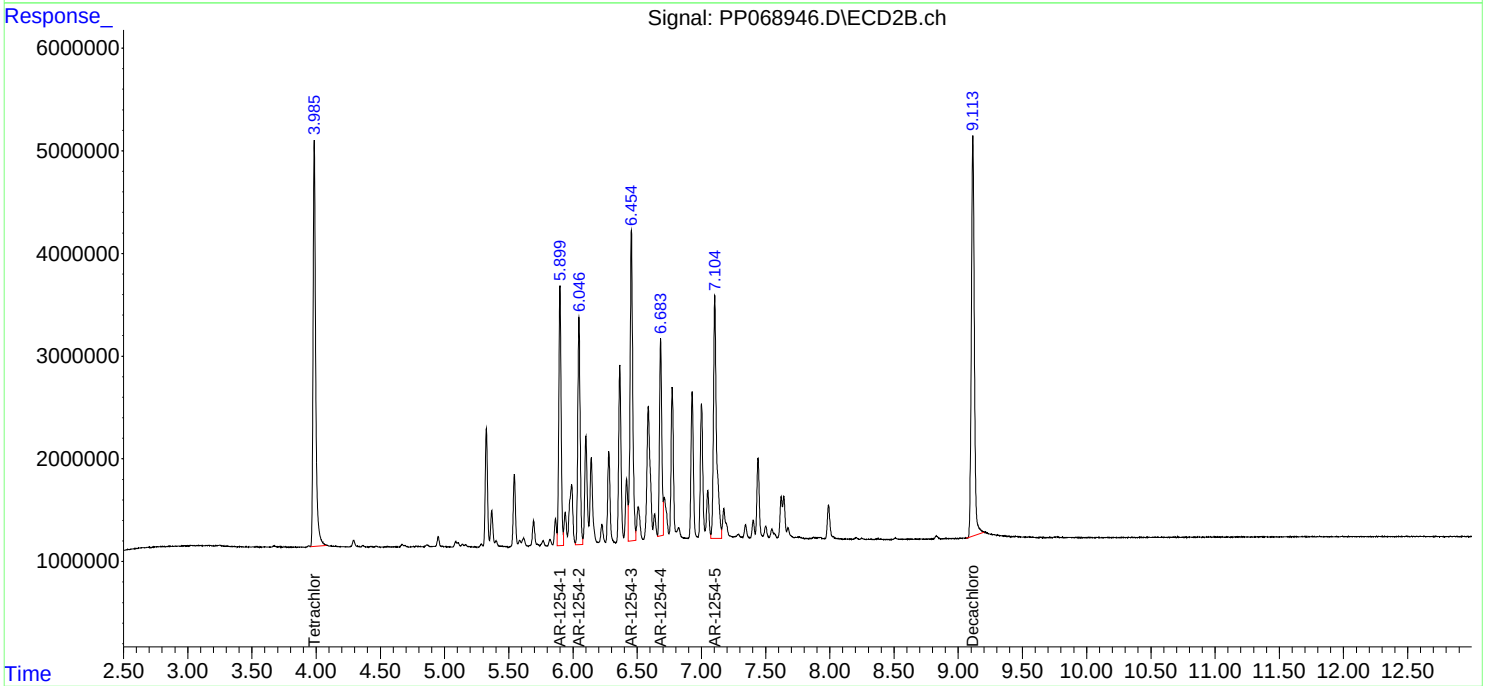
Manual Integrations APPROVED

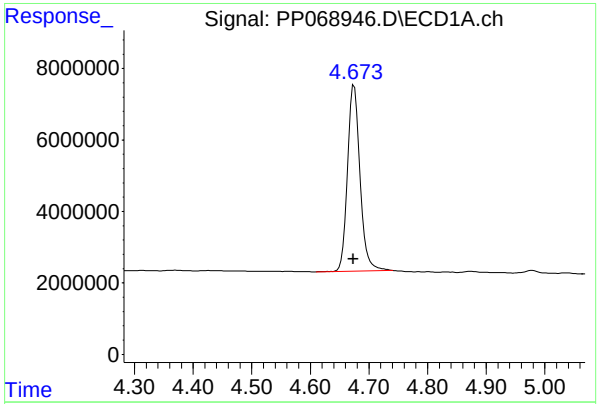
Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:55:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 04:31:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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







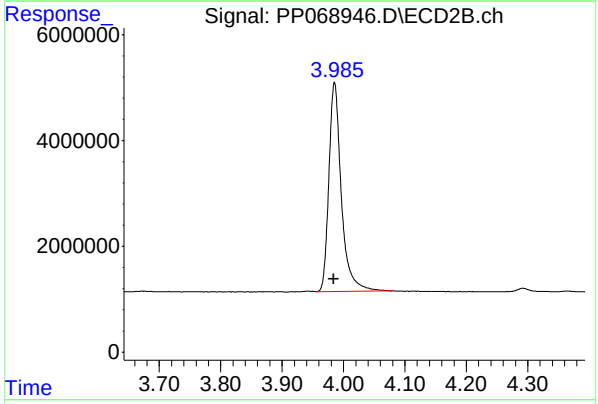
#1 Tetrachloro-m-xylene

R.T.: 4.675 min
Delta R.T.: 0.002 min
Response: 76900922
Conc: 52.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP010625AR1254

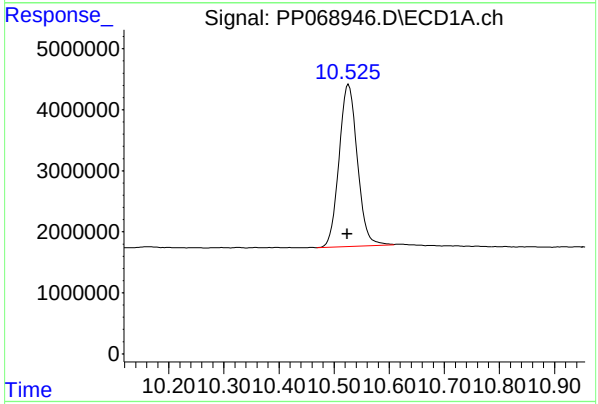
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



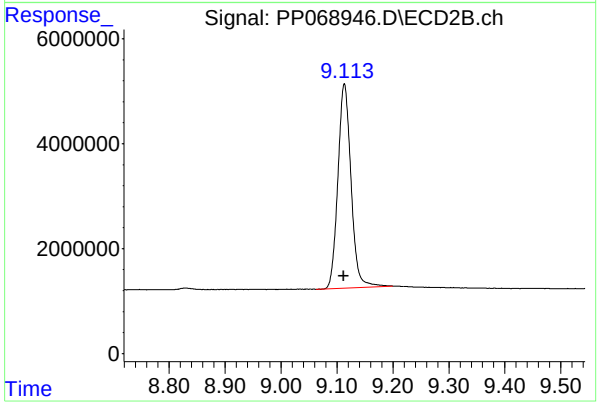
#1 Tetrachloro-m-xylene

R.T.: 3.985 min
Delta R.T.: 0.001 min
Response: 55729128
Conc: 52.76 ng/ml



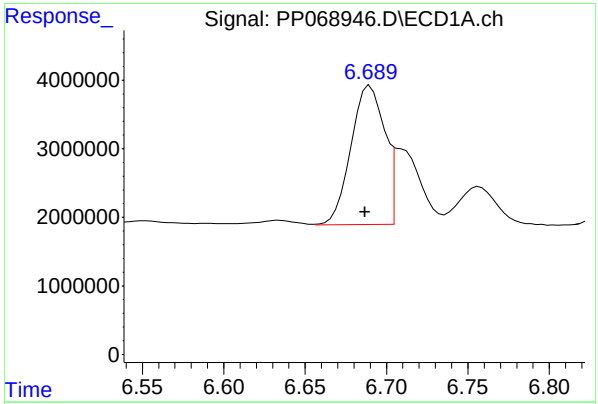
#2 Decachlorobiphenyl

R.T.: 10.526 min
Delta R.T.: 0.002 min
Response: 61345705
Conc: 52.69 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: 0.002 min
Response: 63520580
Conc: 52.52 ng/ml



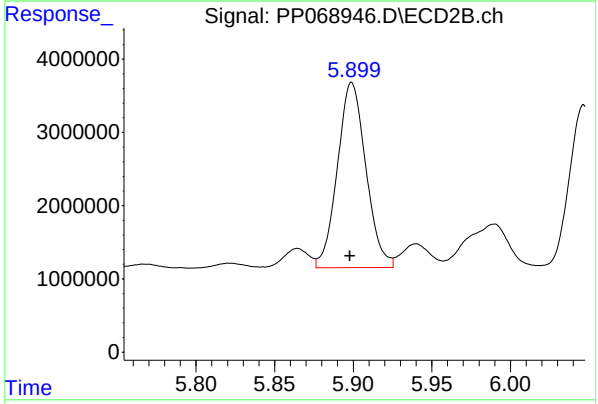
#26 AR-1254-1

R.T.: 6.689 min
Delta R.T.: 0.002 min
Response: 28517259
Conc: 548.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP010625AR1254

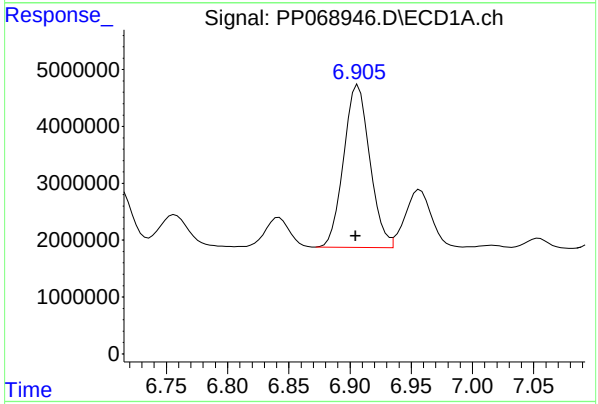
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



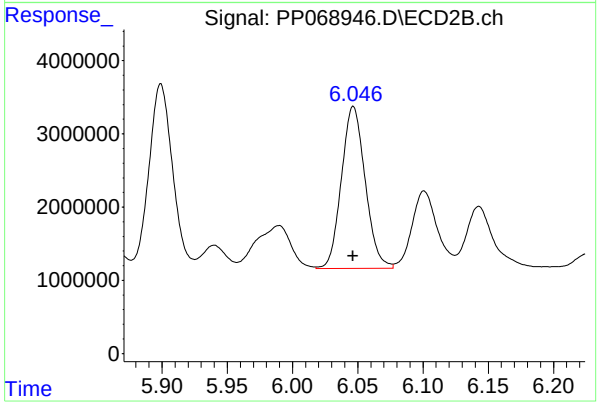
#26 AR-1254-1

R.T.: 5.899 min
Delta R.T.: 0.001 min
Response: 31814360
Conc: 528.66 ng/ml



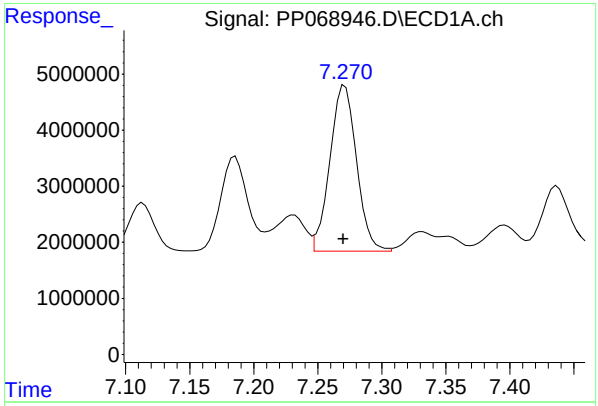
#27 AR-1254-2

R.T.: 6.907 min
Delta R.T.: 0.002 min
Response: 42499134
Conc: 518.18 ng/ml



#27 AR-1254-2

R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 28025650
Conc: 525.67 ng/ml



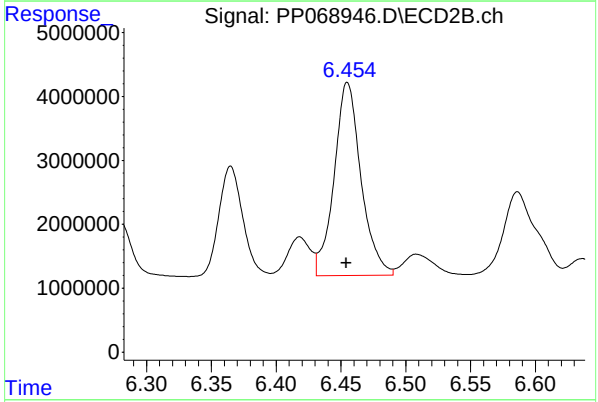
#28 AR-1254-3

R.T.: 7.271 min
Delta R.T.: 0.001 min
Response: 42679794
Conc: 525.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP010625AR1254

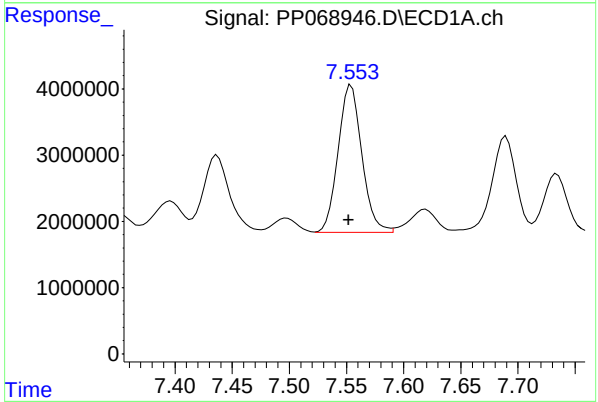
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



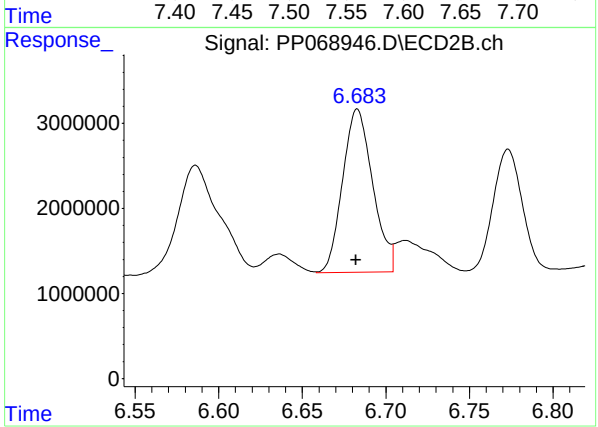
#28 AR-1254-3

R.T.: 6.455 min
Delta R.T.: 0.000 min
Response: 43666057
Conc: 526.01 ng/ml



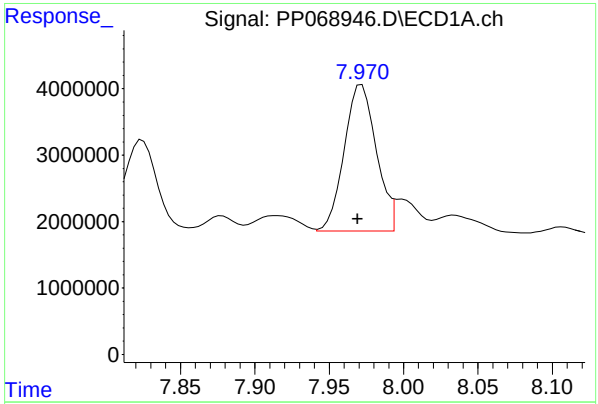
#29 AR-1254-4

R.T.: 7.554 min
Delta R.T.: 0.002 min
Response: 32222102
Conc: 524.18 ng/ml



#29 AR-1254-4

R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 24035176
Conc: 530.90 ng/ml



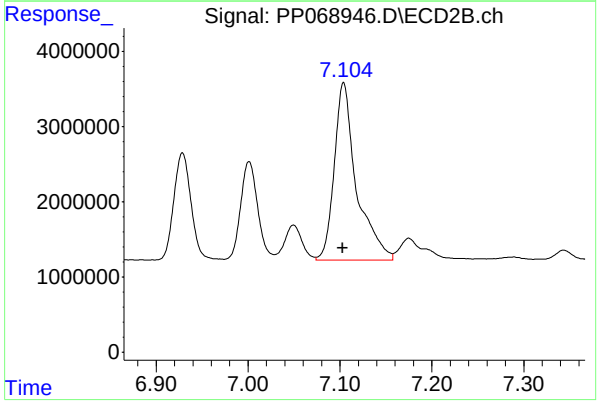
#30 AR-1254-5

R.T.: 7.970 min
Delta R.T.: 0.001 min
Response: 33328008
Conc: 499.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP010625AR1254

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



#30 AR-1254-5

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 39589013
Conc: 521.71 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068947.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 04:37
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP010625AR1268

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 05:45:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:43:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.674	3.985	75573682	53172725	52.103	52.533
2)	SA Decachlor...	10.525	9.113	98837163	104.3E6	51.900	51.479
	Target Compounds						
41)	L9 AR-1268-1	8.940	7.928	98017727	86304665	524.838m	516.177m
42)	L9 AR-1268-2	9.040	7.993	87375737	79847574	525.447	520.767
43)	L9 AR-1268-3	9.285	8.207	74759536	70603074	522.390	516.519
44)	L9 AR-1268-4	9.722	8.511	29783145	29509345	514.154	522.553
45)	L9 AR-1268-5	10.162	8.830	210.4E6	204.9E6	525.166	511.979

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068947.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 04:37
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

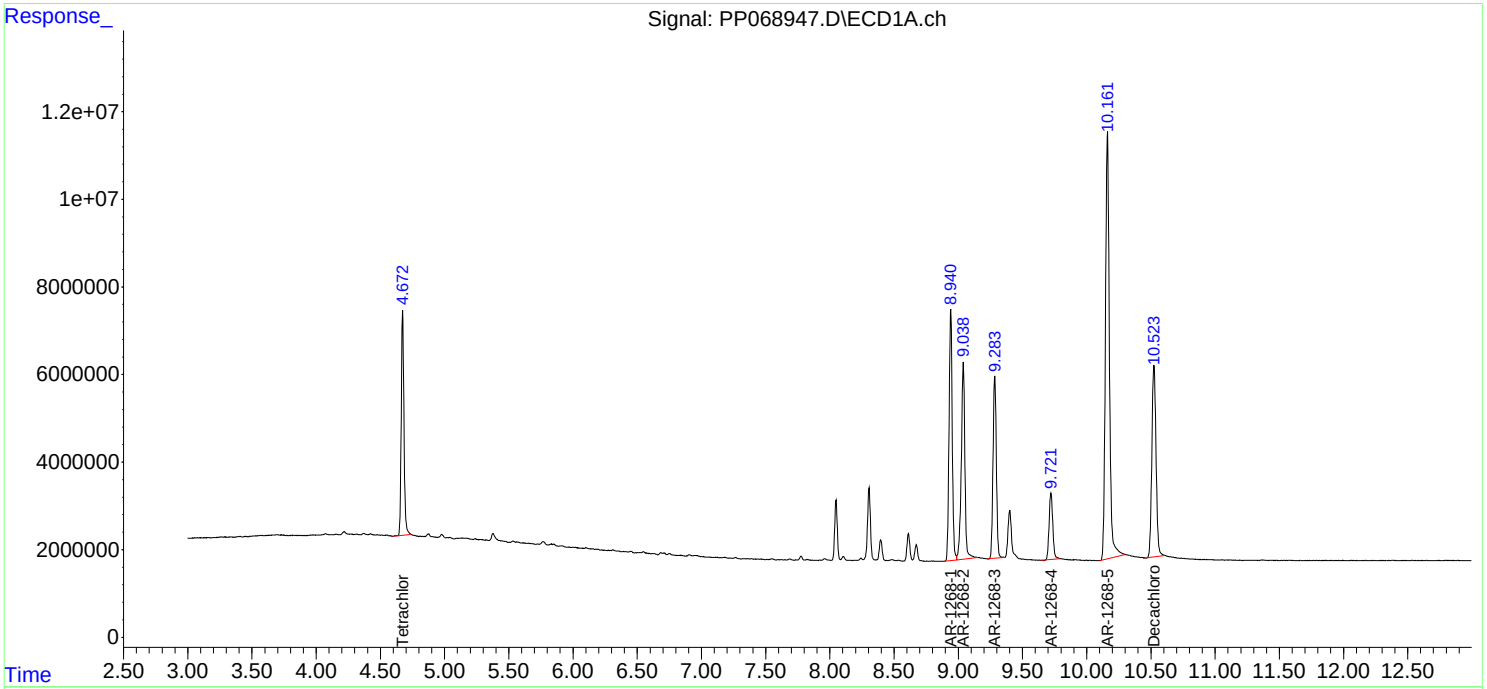
Instrument :
ECD_P
ClientSampleId :
ICVPP010625AR1268

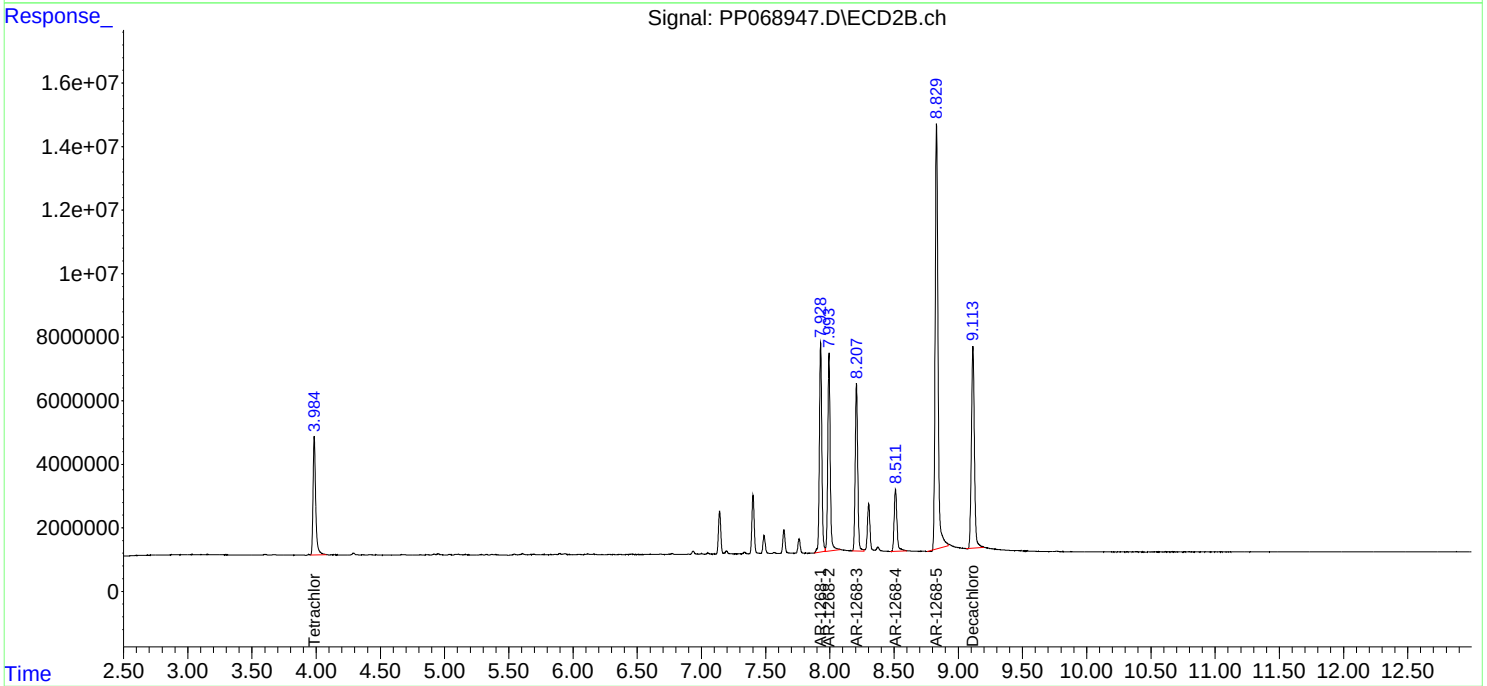
Manual Integrations APPROVED

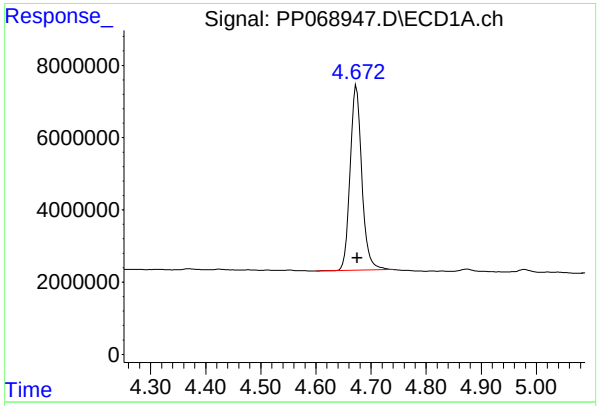
Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 05:45:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:43:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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







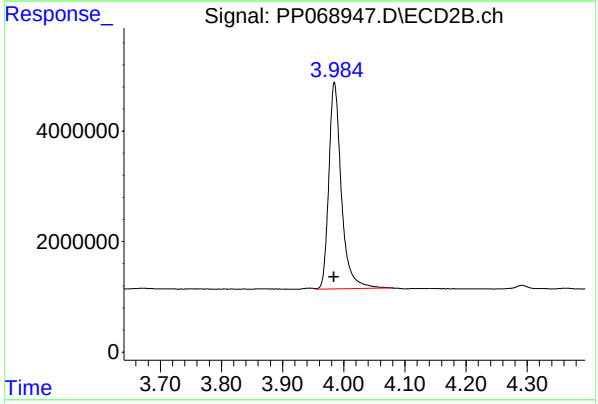
#1 Tetrachloro-m-xylene

R.T.: 4.674 min
Delta R.T.: -0.001 min
Response: 75573682
Conc: 52.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP010625AR1268

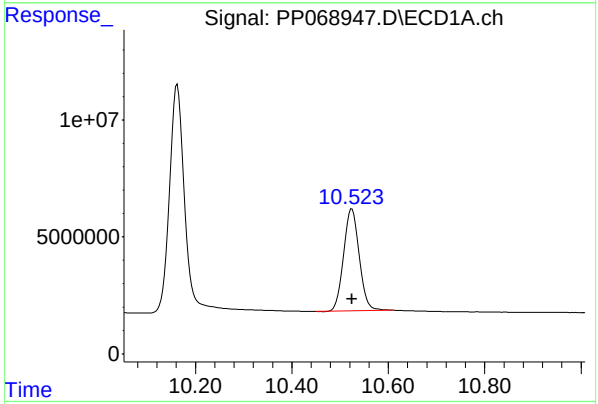
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



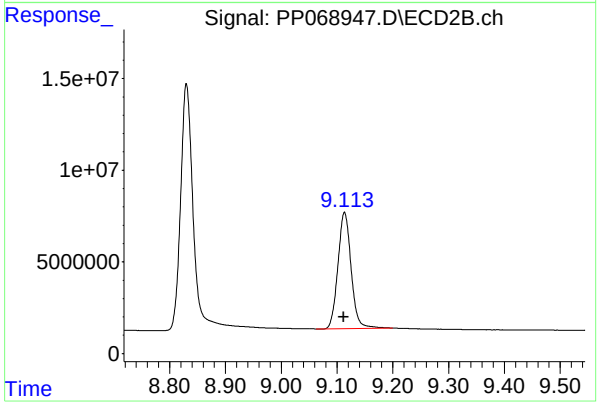
#1 Tetrachloro-m-xylene

R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 53172725
Conc: 52.53 ng/ml



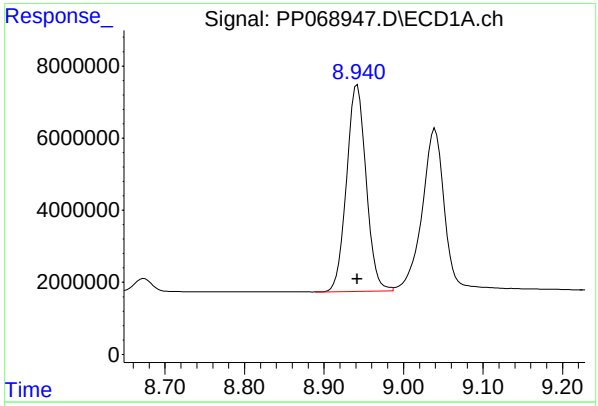
#2 Decachlorobiphenyl

R.T.: 10.525 min
Delta R.T.: 0.000 min
Response: 98837163
Conc: 51.90 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: 0.001 min
Response: 104269780
Conc: 51.48 ng/ml



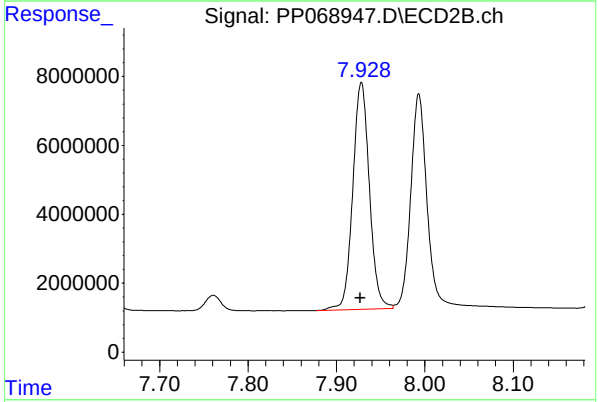
#41 AR-1268-1

R.T.: 8.940 min
Delta R.T.: -0.002 mi
Response: 98017727
Conc: 524.84 ng/m

Instrument :
ECD_P
ClientSampleId :
ICVPP010625AR1268

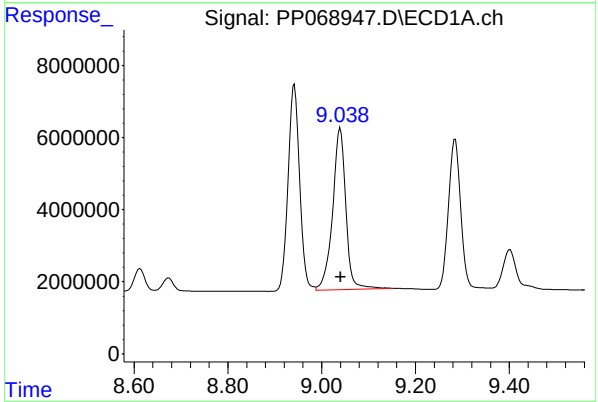
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



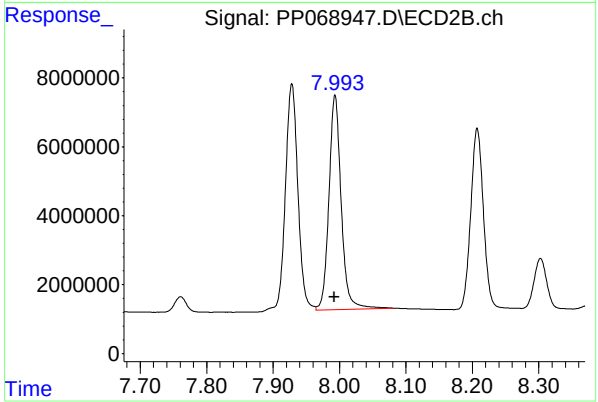
#41 AR-1268-1

R.T.: 7.928 min
Delta R.T.: 0.000 min
Response: 86304665
Conc: 516.18 ng/ml m



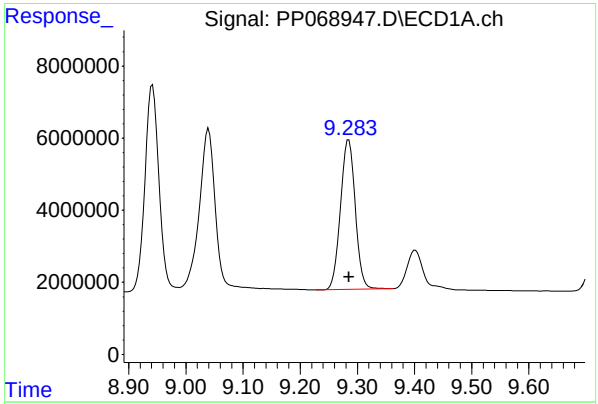
#42 AR-1268-2

R.T.: 9.040 min
Delta R.T.: 0.000 min
Response: 87375737
Conc: 525.45 ng/ml



#42 AR-1268-2

R.T.: 7.993 min
Delta R.T.: 0.001 min
Response: 79847574
Conc: 520.77 ng/ml



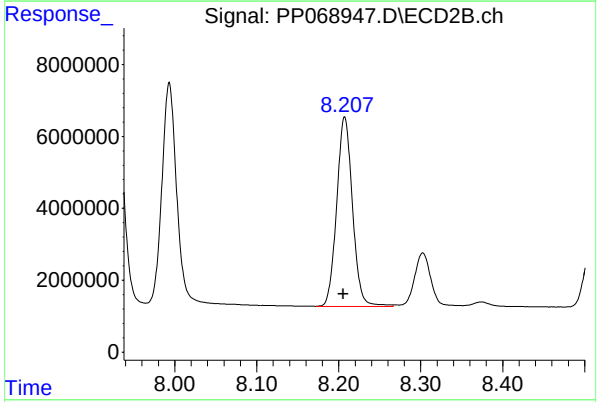
#43 AR-1268-3

R.T.: 9.285 min
Delta R.T.: 0.000 min
Response: 74759536
Conc: 522.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP010625AR1268

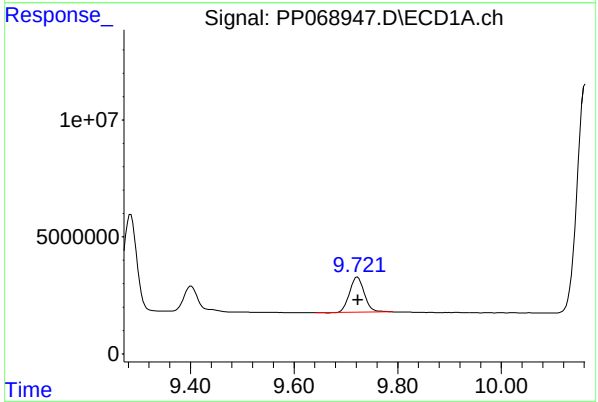
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



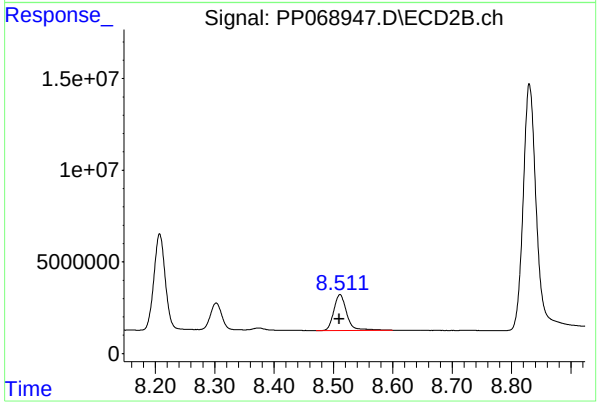
#43 AR-1268-3

R.T.: 8.207 min
Delta R.T.: 0.002 min
Response: 70603074
Conc: 516.52 ng/ml



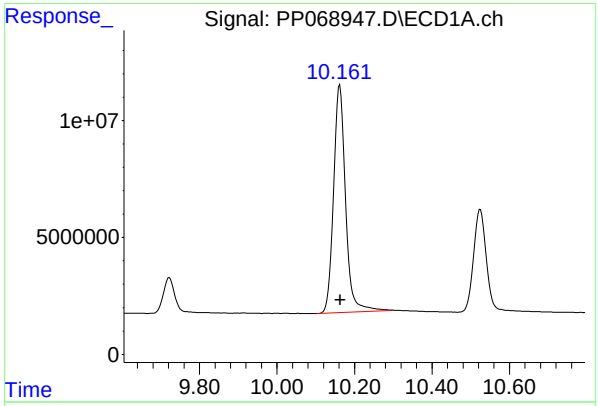
#44 AR-1268-4

R.T.: 9.722 min
Delta R.T.: 0.000 min
Response: 29783145
Conc: 514.15 ng/ml



#44 AR-1268-4

R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 29509345
Conc: 522.55 ng/ml



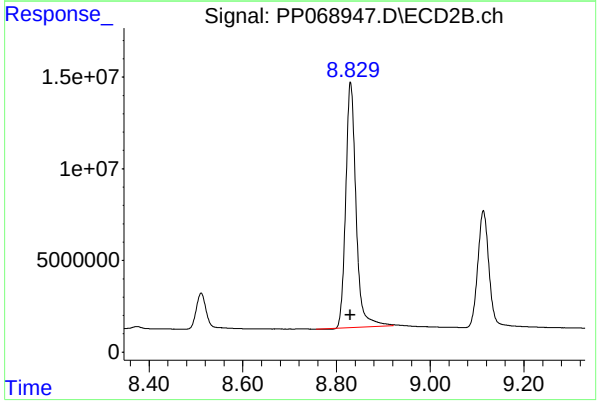
#45 AR-1268-5

R.T.: 10.162 min
Delta R.T.: -0.001 min
Response: 210421207
Conc: 525.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP010625AR1268

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025



#45 AR-1268-5

R.T.: 8.830 min
Delta R.T.: 0.000 min
Response: 204854304
Conc: 511.98 ng/ml

Raw Data: **PP069214.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: TETR06

Lab Code: CHEM **Case No.:** Q1122 **SAS No.:** Q1122 **SDG NO.:** Q1122

Continuing Calib Date: 01/20/2025 **Initial Calibration Date(s):** 01/06/2025 01/07/2025

Continuing Calib Time: 09:00 **Initial Calibration Time(s):** 19:57 03:16

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)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-2	(2)	5.85	5.85	5.75	5.95	0.00
Aroclor-1016-3	(3)	5.92	5.92	5.82	6.02	0.00
Aroclor-1016-4	(4)	6.01	6.02	5.92	6.12	0.01
Aroclor-1016-5	(5)	6.31	6.31	6.21	6.41	0.00
Aroclor-1260-1	(1)	7.43	7.43	7.33	7.53	0.00
Aroclor-1260-2	(2)	7.68	7.69	7.59	7.79	0.01
Aroclor-1260-3	(3)	8.04	8.05	7.95	8.15	0.01
Aroclor-1260-4	(4)	8.28	8.28	8.18	8.38	0.00
Aroclor-1260-5	(5)	8.61	8.61	8.51	8.71	0.00
Tetrachloro-m-xylene		4.67	4.67	4.57	4.77	0.00
Decachlorobiphenyl		10.52	10.52	10.42	10.62	0.00

Raw Data: **PP069214.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: TETR06

Lab Code: CHEM **Case No.:** Q1122 **SAS No.:** Q1122 **SDG NO.:** Q1122

Continuing Calib Date: 01/20/2025 **Initial Calibration Date(s):** 01/06/2025 01/07/2025

Continuing Calib Time: 09:00 **Initial Calibration Time(s):** 19:57 03:16

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)	5.08	5.09	4.99	5.19	0.01
Aroclor-1016-2	(2)	5.10	5.10	5.00	5.20	0.00
Aroclor-1016-3	(3)	5.28	5.28	5.18	5.38	0.00
Aroclor-1016-4	(4)	5.32	5.32	5.22	5.42	0.00
Aroclor-1016-5	(5)	5.54	5.54	5.44	5.64	0.00
Aroclor-1260-1	(1)	6.58	6.58	6.48	6.68	0.00
Aroclor-1260-2	(2)	6.77	6.77	6.67	6.87	0.01
Aroclor-1260-3	(3)	6.92	6.93	6.83	7.03	0.01
Aroclor-1260-4	(4)	7.40	7.40	7.30	7.50	0.01
Aroclor-1260-5	(5)	7.64	7.64	7.54	7.74	0.00
Tetrachloro-m-xylene		3.98	3.98	3.88	4.08	0.00
Decachlorobiphenyl		9.10	9.11	9.01	9.21	0.01

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Contract: TETR06

Lab Code: CHEM **Case No.:** Q1122 **SAS No.:** Q1122 **SDG NO.:** Q1122

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/06/2025 01/06/2025

Client Sample No.: CCAL01 **Date Analyzed:** 01/20/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP069214.D **Time Analyzed:** 09:00

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.831	5.732	5.932	497.280	500.000	-0.5
Aroclor-1016-2	5.853	5.754	5.954	493.530	500.000	-1.3
Aroclor-1016-3	5.916	5.818	6.018	490.120	500.000	-2.0
Aroclor-1016-4	6.014	5.916	6.116	494.340	500.000	-1.1
Aroclor-1016-5	6.308	6.210	6.410	492.200	500.000	-1.6
Aroclor-1260-1	7.430	7.333	7.533	453.900	500.000	-9.2
Aroclor-1260-2	7.684	7.587	7.787	459.800	500.000	-8.0
Aroclor-1260-3	8.043	7.947	8.147	456.560	500.000	-8.7
Aroclor-1260-4	8.276	8.180	8.380	450.130	500.000	-10.0
Aroclor-1260-5	8.607	8.513	8.713	474.460	500.000	-5.1
Decachlorobiphenyl	10.515	10.424	10.624	45.130	50.000	-9.7
Tetrachloro-m-xylene	4.671	4.572	4.772	51.090	50.000	2.2

Raw Data: **PP069214.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: TETR06

Lab Code: CHEM **Case No.:** Q1122 **SAS No.:** Q1122 **SDG NO.:** Q1122

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 01/06/2025 01/06/2025

Client Sample No.: CCAL01 **Date Analyzed:** 01/20/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP069214.D **Time Analyzed:** 09:00

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.081	4.985	5.185	499.750	500.000	-0.1
Aroclor-1016-2	5.100	5.004	5.204	486.420	500.000	-2.7
Aroclor-1016-3	5.280	5.184	5.384	503.910	500.000	0.8
Aroclor-1016-4	5.320	5.224	5.424	483.450	500.000	-3.3
Aroclor-1016-5	5.537	5.442	5.642	484.280	500.000	-3.1
Aroclor-1260-1	6.578	6.484	6.684	447.610	500.000	-10.5
Aroclor-1260-2	6.765	6.672	6.872	461.170	500.000	-7.8
Aroclor-1260-3	6.922	6.828	7.028	440.440	500.000	-11.9
Aroclor-1260-4	7.395	7.302	7.502	434.350	500.000	-13.1
Aroclor-1260-5	7.635	7.541	7.741	451.490	500.000	-9.7
Decachlorobiphenyl	9.101	9.011	9.211	43.710	50.000	-12.6
Tetrachloro-m-xylene	3.981	3.883	4.083	50.460	50.000	0.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012025\
Data File : PP069214.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jan 2025 09:00
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: Jan 20 10:26:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 11:05:55 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.671	3.981	71075955	49257259	51.087	50.460
2)	SA Decachlor...	10.515	9.101	50389880	52503876	45.133	43.705
	Target Compounds						
3)	L1 AR-1016-1	5.831	5.081	22295896	16907928	497.278	499.751
4)	L1 AR-1016-2	5.853	5.100	33172205	24482896	493.533	486.423
5)	L1 AR-1016-3	5.916	5.280	20677302	13654190	490.117	503.905
6)	L1 AR-1016-4	6.014	5.320	17294348	11912709	494.341	483.454
7)	L1 AR-1016-5	6.308	5.537	17025640	14623188	492.196	484.279
31)	L7 AR-1260-1	7.430	6.578	28474763	25645682	453.901	447.611
32)	L7 AR-1260-2	7.684	6.765	34820648	30380213	459.799	461.166
33)	L7 AR-1260-3	8.043	6.922	29951321	28357028	456.564	440.438
34)	L7 AR-1260-4	8.276	7.395	29803544	24328884	450.134	434.348
35)	L7 AR-1260-5	8.607	7.635	59383465	55448555	474.459	451.486

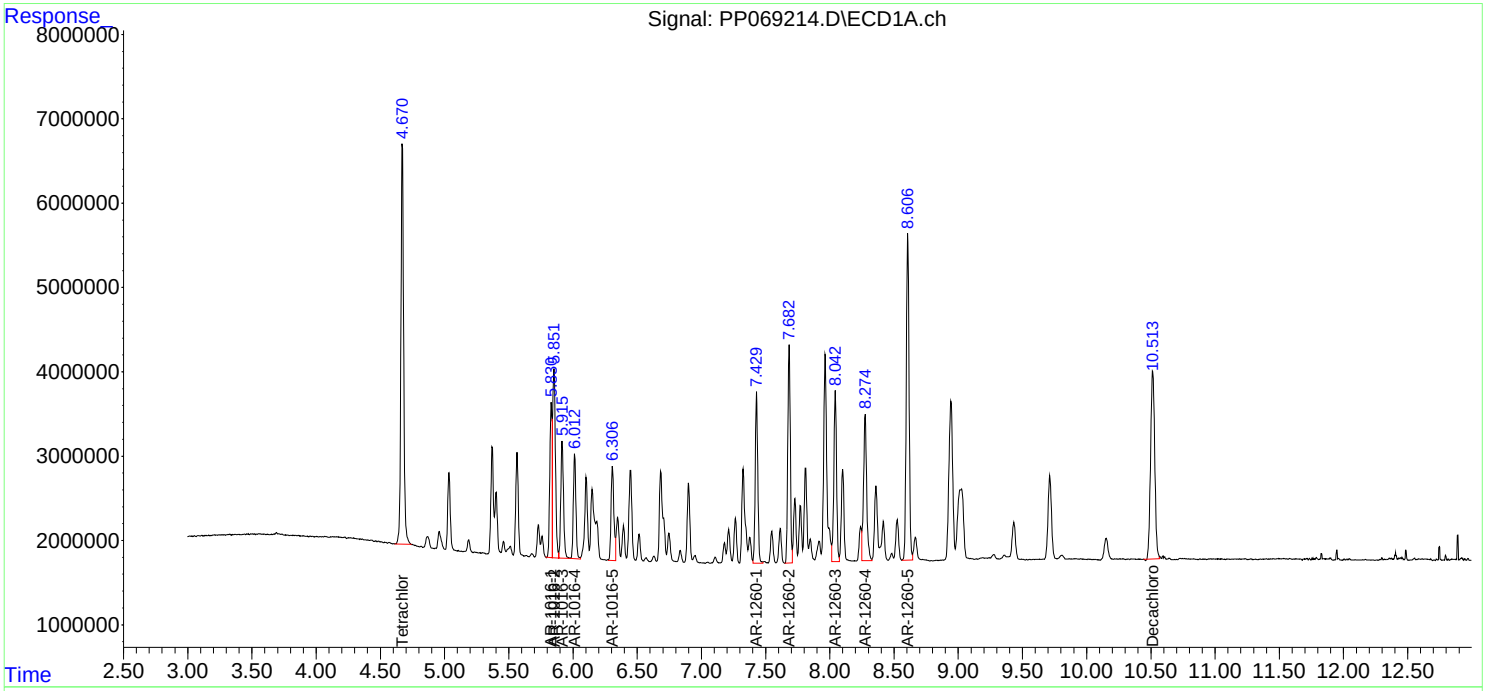
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

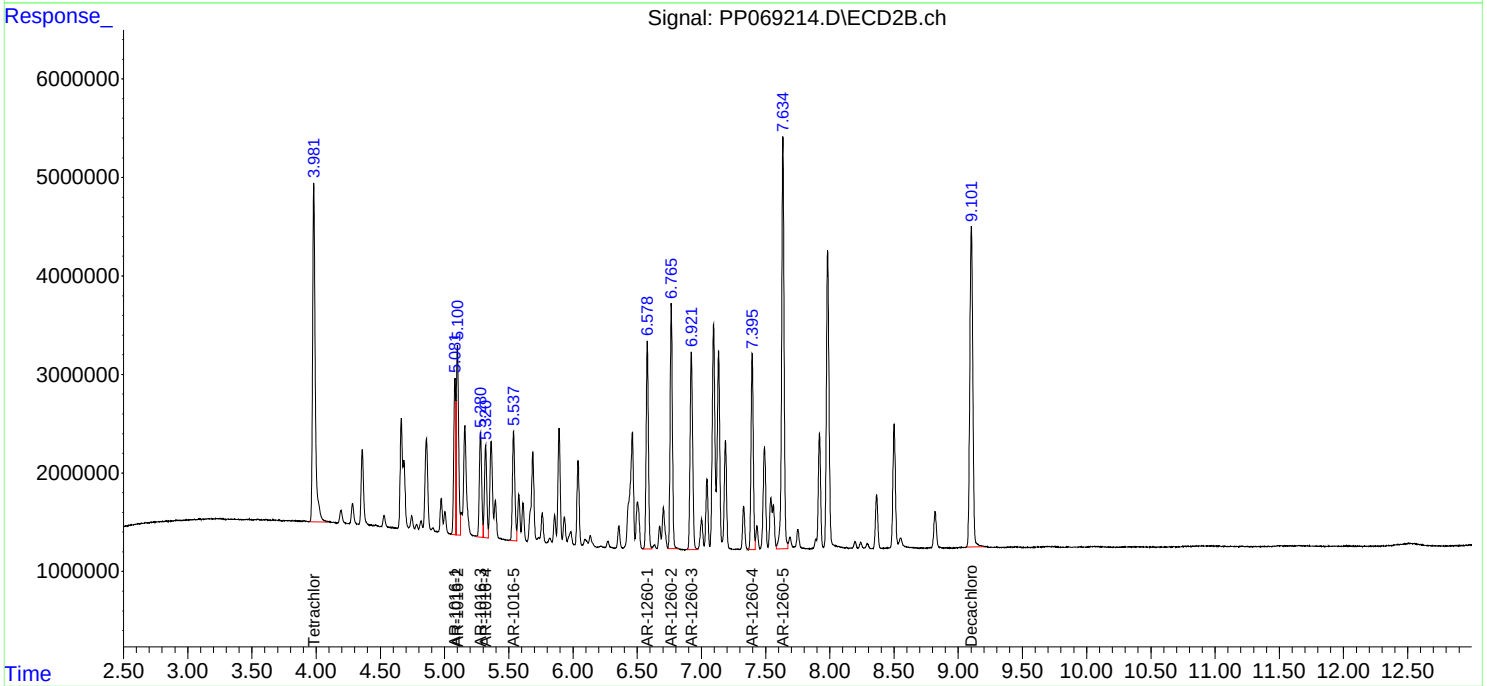
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012025\
Data File : PP069214.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jan 2025 09:00
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

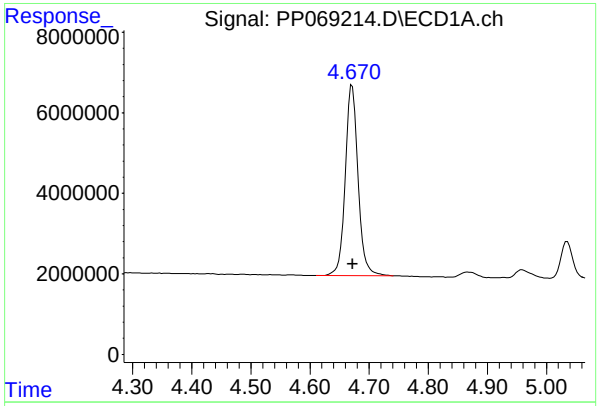
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 20 10:26:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 11:05:55 2025
Response via : Initial Calibration
Integrator: ChemStation

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



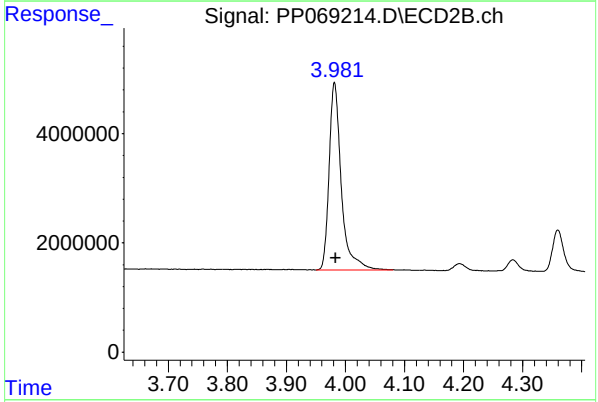




#1 Tetrachloro-m-xylene

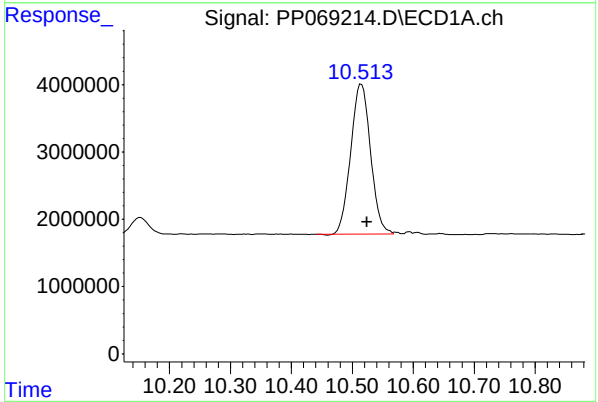
R.T.: 4.671 min
Delta R.T.: 0.000 min
Response: 71075955
Conc: 51.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



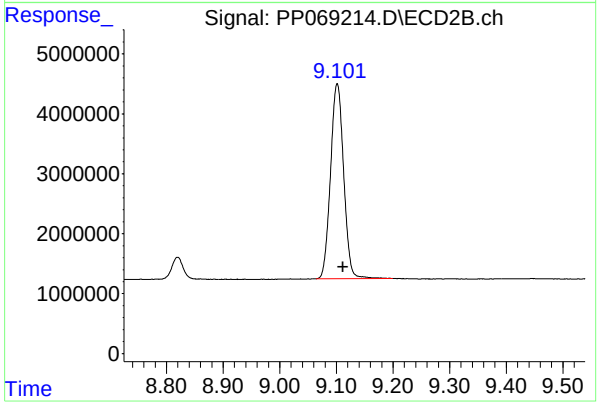
#1 Tetrachloro-m-xylene

R.T.: 3.981 min
Delta R.T.: -0.002 min
Response: 49257259
Conc: 50.46 ng/ml



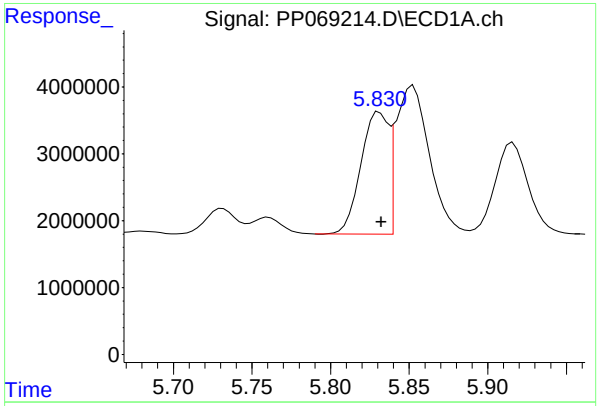
#2 Decachlorobiphenyl

R.T.: 10.515 min
Delta R.T.: -0.009 min
Response: 50389880
Conc: 45.13 ng/ml



#2 Decachlorobiphenyl

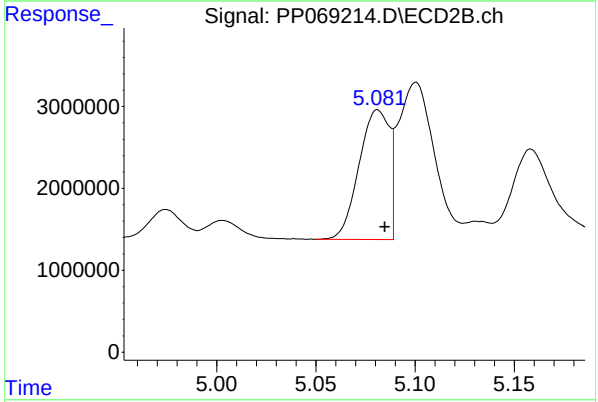
R.T.: 9.101 min
Delta R.T.: -0.010 min
Response: 52503876
Conc: 43.71 ng/ml



#3 AR-1016-1

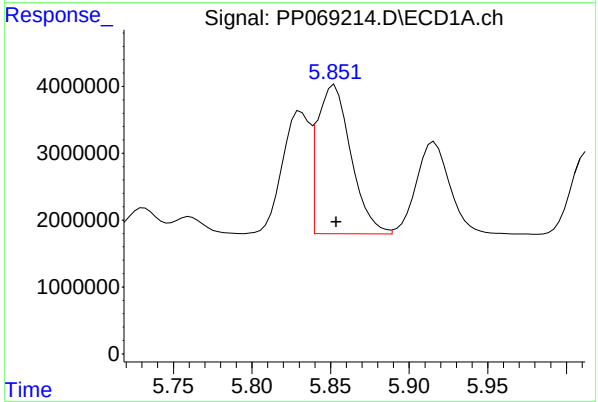
R.T.: 5.831 min
Delta R.T.: -0.001 min
Response: 22295896
Conc: 497.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



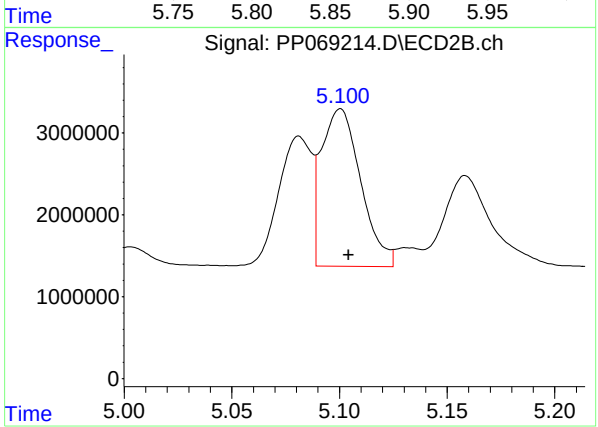
#3 AR-1016-1

R.T.: 5.081 min
Delta R.T.: -0.004 min
Response: 16907928
Conc: 499.75 ng/ml



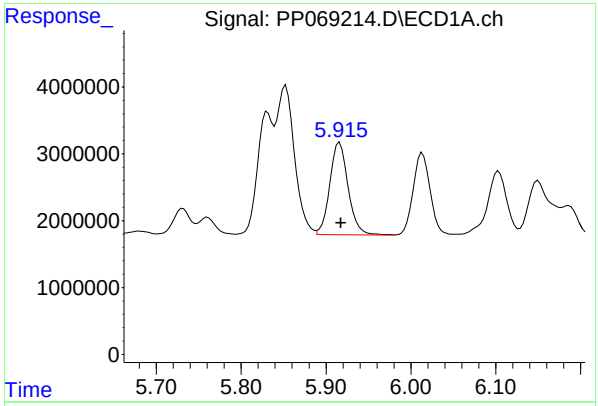
#4 AR-1016-2

R.T.: 5.853 min
Delta R.T.: -0.001 min
Response: 33172205
Conc: 493.53 ng/ml



#4 AR-1016-2

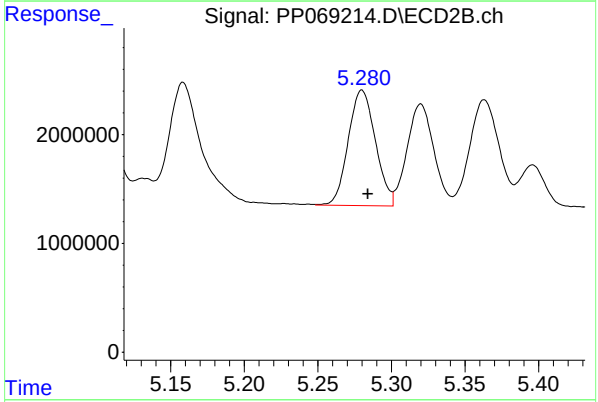
R.T.: 5.100 min
Delta R.T.: -0.004 min
Response: 24482896
Conc: 486.42 ng/ml



#5 AR-1016-3

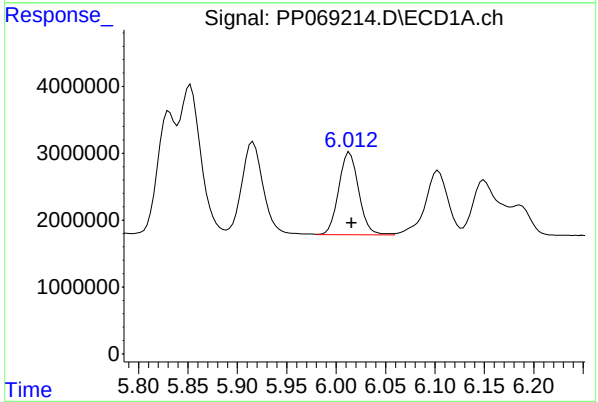
R.T.: 5.916 min
Delta R.T.: -0.002 min
Response: 20677302
Conc: 490.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



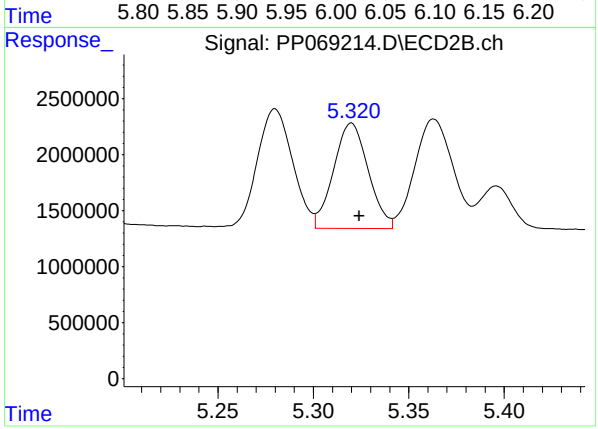
#5 AR-1016-3

R.T.: 5.280 min
Delta R.T.: -0.004 min
Response: 13654190
Conc: 503.91 ng/ml



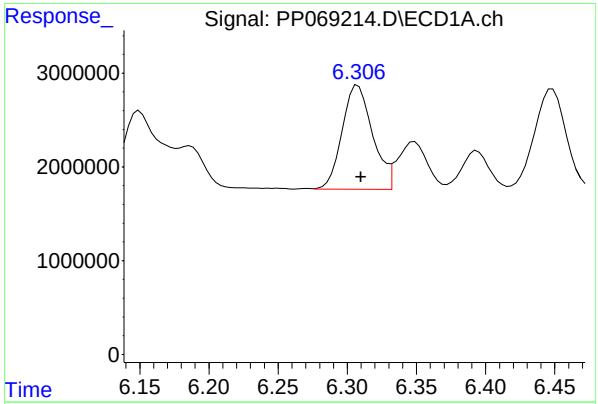
#6 AR-1016-4

R.T.: 6.014 min
Delta R.T.: -0.002 min
Response: 17294348
Conc: 494.34 ng/ml



#6 AR-1016-4

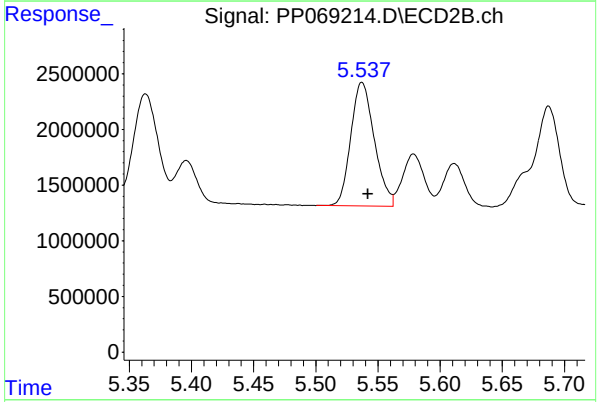
R.T.: 5.320 min
Delta R.T.: -0.004 min
Response: 11912709
Conc: 483.45 ng/ml



#7 AR-1016-5

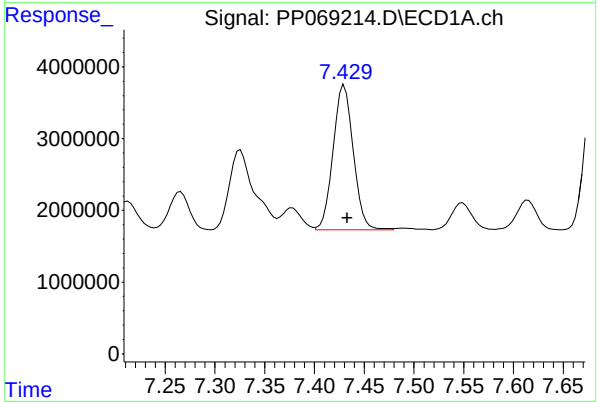
R.T.: 6.308 min
Delta R.T.: -0.002 min
Response: 17025640
Conc: 492.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



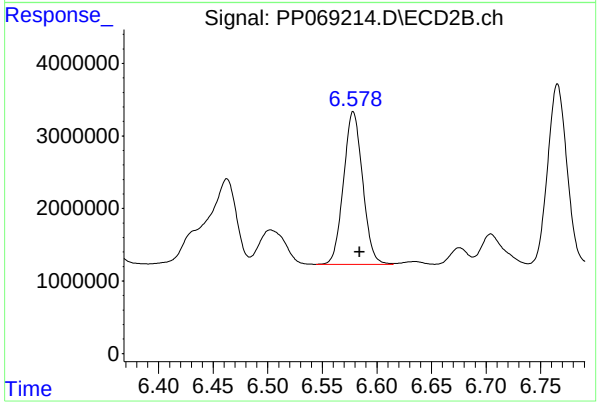
#7 AR-1016-5

R.T.: 5.537 min
Delta R.T.: -0.005 min
Response: 14623188
Conc: 484.28 ng/ml



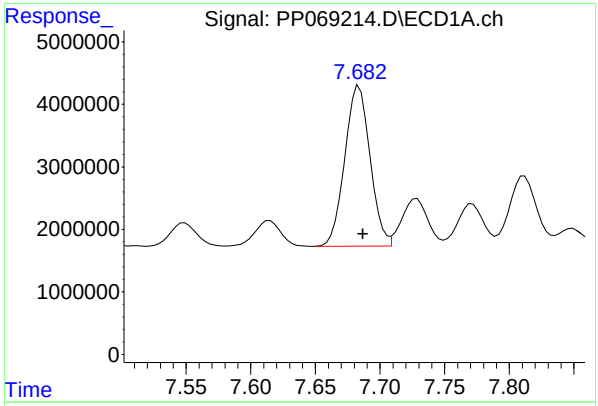
#31 AR-1260-1

R.T.: 7.430 min
Delta R.T.: -0.003 min
Response: 28474763
Conc: 453.90 ng/ml



#31 AR-1260-1

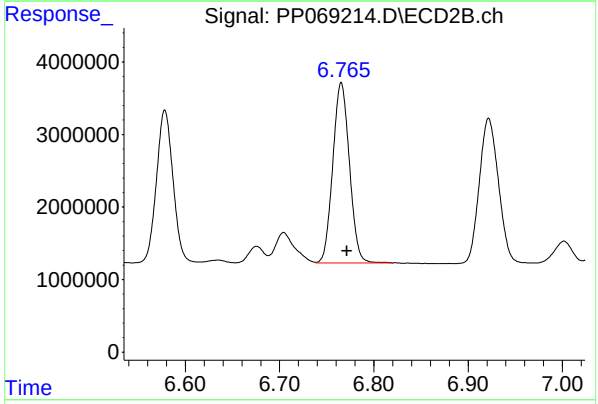
R.T.: 6.578 min
Delta R.T.: -0.006 min
Response: 25645682
Conc: 447.61 ng/ml



#32 AR-1260-2

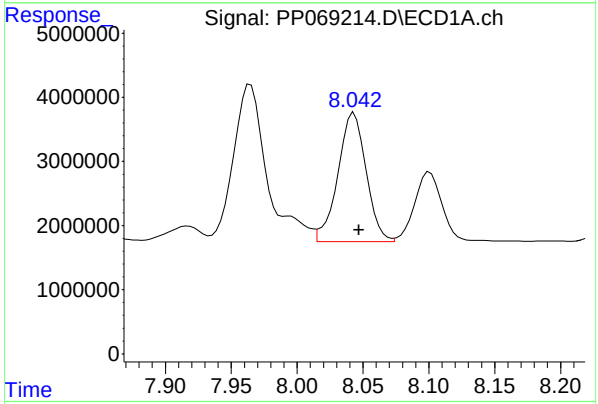
R.T.: 7.684 min
Delta R.T.: -0.003 min
Response: 34820648
Conc: 459.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



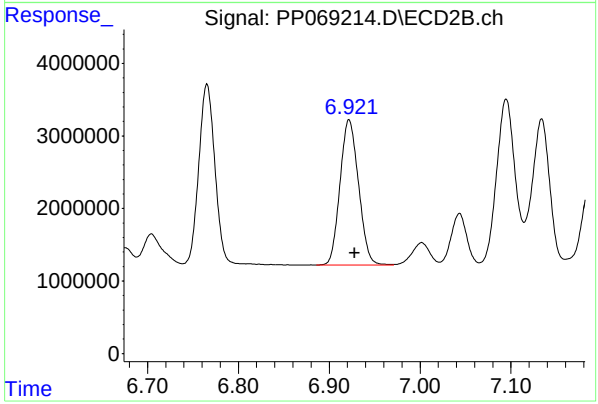
#32 AR-1260-2

R.T.: 6.765 min
Delta R.T.: -0.006 min
Response: 30380213
Conc: 461.17 ng/ml



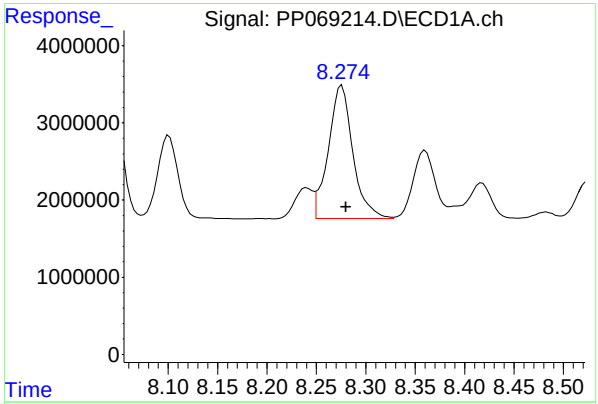
#33 AR-1260-3

R.T.: 8.043 min
Delta R.T.: -0.004 min
Response: 29951321
Conc: 456.56 ng/ml



#33 AR-1260-3

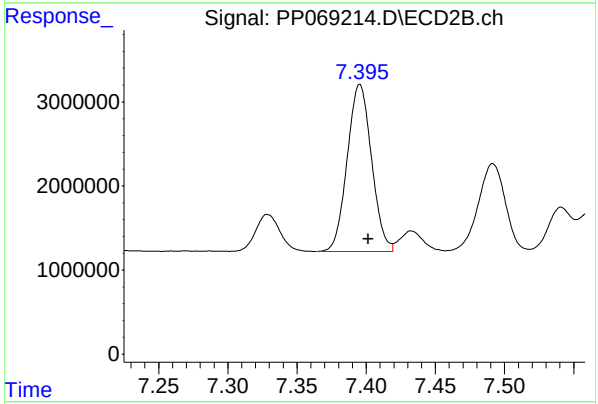
R.T.: 6.922 min
Delta R.T.: -0.006 min
Response: 28357028
Conc: 440.44 ng/ml



#34 AR-1260-4

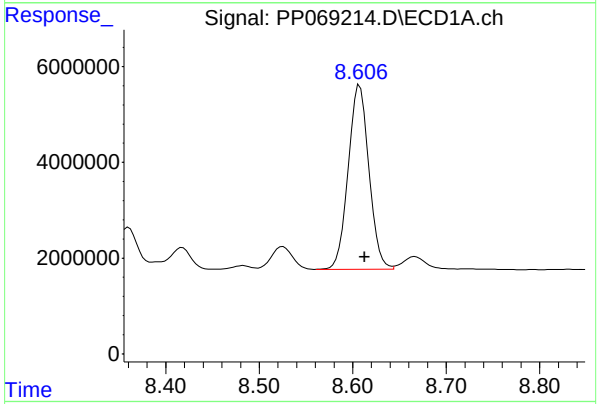
R.T.: 8.276 min
Delta R.T.: -0.004 min
Response: 29803544
Conc: 450.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



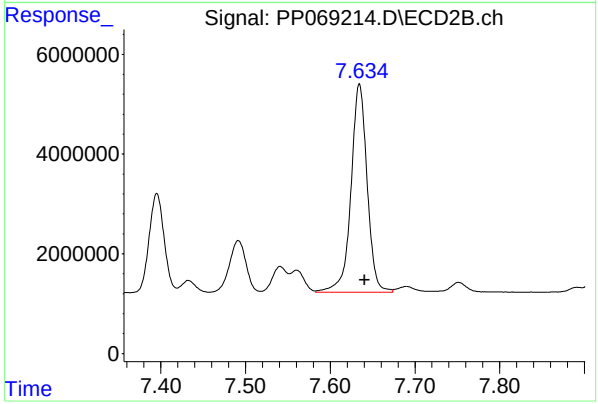
#34 AR-1260-4

R.T.: 7.395 min
Delta R.T.: -0.006 min
Response: 24328884
Conc: 434.35 ng/ml



#35 AR-1260-5

R.T.: 8.607 min
Delta R.T.: -0.005 min
Response: 59383465
Conc: 474.46 ng/ml



#35 AR-1260-5

R.T.: 7.635 min
Delta R.T.: -0.006 min
Response: 55448555
Conc: 451.49 ng/ml

Raw Data: **PP069229.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: TETR06

Lab Code: CHEM **Case No.:** Q1122 **SAS No.:** Q1122 **SDG NO.:** Q1122

Continuing Calib Date: 01/20/2025 **Initial Calibration Date(s):** 01/06/2025 01/07/2025

Continuing Calib Time: 15:32 **Initial Calibration Time(s):** 19:57 03:16

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)	5.83	5.83	5.73	5.93	0.01
Aroclor-1016-2	(2)	5.85	5.85	5.75	5.95	0.00
Aroclor-1016-3	(3)	5.91	5.92	5.82	6.02	0.01
Aroclor-1016-4	(4)	6.01	6.02	5.92	6.12	0.01
Aroclor-1016-5	(5)	6.30	6.31	6.21	6.41	0.01
Aroclor-1260-1	(1)	7.43	7.43	7.33	7.53	0.00
Aroclor-1260-2	(2)	7.68	7.69	7.59	7.79	0.01
Aroclor-1260-3	(3)	8.04	8.05	7.95	8.15	0.01
Aroclor-1260-4	(4)	8.27	8.28	8.18	8.38	0.01
Aroclor-1260-5	(5)	8.60	8.61	8.51	8.71	0.01
Tetrachloro-m-xylene		4.67	4.67	4.57	4.77	0.00
Decachlorobiphenyl		10.50	10.52	10.42	10.62	0.02

Raw Data: **PP069229.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: TETR06

Lab Code: CHEM **Case No.:** Q1122 **SAS No.:** Q1122 **SDG NO.:** Q1122

Continuing Calib Date: 01/20/2025 **Initial Calibration Date(s):** 01/06/2025 01/07/2025

Continuing Calib Time: 15:32 **Initial Calibration Time(s):** 19:57 03:16

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)	5.08	5.09	4.99	5.19	0.01
Aroclor-1016-2	(2)	5.10	5.10	5.00	5.20	0.00
Aroclor-1016-3	(3)	5.28	5.28	5.18	5.38	0.00
Aroclor-1016-4	(4)	5.32	5.32	5.22	5.42	0.00
Aroclor-1016-5	(5)	5.53	5.54	5.44	5.64	0.01
Aroclor-1260-1	(1)	6.58	6.58	6.48	6.68	0.01
Aroclor-1260-2	(2)	6.76	6.77	6.67	6.87	0.01
Aroclor-1260-3	(3)	6.92	6.93	6.83	7.03	0.01
Aroclor-1260-4	(4)	7.39	7.40	7.30	7.50	0.01
Aroclor-1260-5	(5)	7.63	7.64	7.54	7.74	0.01
Tetrachloro-m-xylene		3.98	3.98	3.88	4.08	0.00
Decachlorobiphenyl		9.10	9.11	9.01	9.21	0.01

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Contract: TETR06

Lab Code: CHEM **Case No.:** Q1122 **SAS No.:** Q1122 **SDG NO.:** Q1122

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/06/2025 01/06/2025

Client Sample No.: CCAL02 **Date Analyzed:** 01/20/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP069229.D **Time Analyzed:** 15:32

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.825	5.732	5.932	482.550	500.000	-3.5
Aroclor-1016-2	5.847	5.754	5.954	500.800	500.000	0.2
Aroclor-1016-3	5.910	5.818	6.018	487.650	500.000	-2.5
Aroclor-1016-4	6.008	5.916	6.116	490.880	500.000	-1.8
Aroclor-1016-5	6.302	6.210	6.410	495.370	500.000	-0.9
Aroclor-1260-1	7.425	7.333	7.533	462.560	500.000	-7.5
Aroclor-1260-2	7.678	7.587	7.787	461.280	500.000	-7.7
Aroclor-1260-3	8.037	7.947	8.147	443.610	500.000	-11.3
Aroclor-1260-4	8.270	8.180	8.380	457.840	500.000	-8.4
Aroclor-1260-5	8.600	8.513	8.713	472.770	500.000	-5.4
Decachlorobiphenyl	10.503	10.424	10.624	45.750	50.000	-8.5
Tetrachloro-m-xylene	4.666	4.572	4.772	50.640	50.000	1.3

Raw Data: **PP069229.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: TETR06

Lab Code: CHEM **Case No.:** Q1122 **SAS No.:** Q1122 **SDG NO.:** Q1122

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/06/2025 01/06/2025

Client Sample No.: CCAL02 **Date Analyzed:** 01/20/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP069229.D **Time Analyzed:** 15:32

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.077	4.985	5.185	484.470	500.000	-3.1
Aroclor-1016-2	5.097	5.004	5.204	465.170	500.000	-7.0
Aroclor-1016-3	5.276	5.184	5.384	497.370	500.000	-0.5
Aroclor-1016-4	5.316	5.224	5.424	473.090	500.000	-5.4
Aroclor-1016-5	5.534	5.442	5.642	450.430	500.000	-9.9
Aroclor-1260-1	6.575	6.484	6.684	420.560	500.000	-15.9
Aroclor-1260-2	6.762	6.672	6.872	434.700	500.000	-13.1
Aroclor-1260-3	6.918	6.828	7.028	404.100	500.000	-19.2
Aroclor-1260-4	7.391	7.302	7.502	393.810	500.000	-21.2
Aroclor-1260-5	7.631	7.541	7.741	404.540	500.000	-19.1
Decachlorobiphenyl	9.096	9.011	9.211	40.770	50.000	-18.5
Tetrachloro-m-xylene	3.978	3.883	4.083	48.120	50.000	-3.8

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012025\
Data File : PP069229.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jan 2025 15:32
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: Jan 20 16:05:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 11:05:55 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.666	3.978	70457287	46969774	50.642	48.117
2)	SA Decachlor...	10.503	9.096	51076396	48977380	45.748	40.770
	Target Compounds						
3)	L1 AR-1016-1	5.825	5.077	21635554	16390780	482.550	484.466
4)	L1 AR-1016-2	5.847	5.097	33660588	23413021	500.799	465.167
5)	L1 AR-1016-3	5.910	5.276	20573267	13477114	487.651	497.370
6)	L1 AR-1016-4	6.008	5.316	17173129	11657418	490.876	473.094
7)	L1 AR-1016-5	6.302	5.534	17135263	13600966	495.365	450.425
31)	L7 AR-1260-1	7.425	6.575	29017713	24096102	462.556	420.565
32)	L7 AR-1260-2	7.678	6.762	34932670	28636462	461.278	434.696
33)	L7 AR-1260-3	8.037	6.918	29101696	26017717	443.613	404.104
34)	L7 AR-1260-4	8.270	7.391	30313681	22058102	457.839	393.807
35)	L7 AR-1260-5	8.600	7.631	59171834	49683352	472.768	404.543

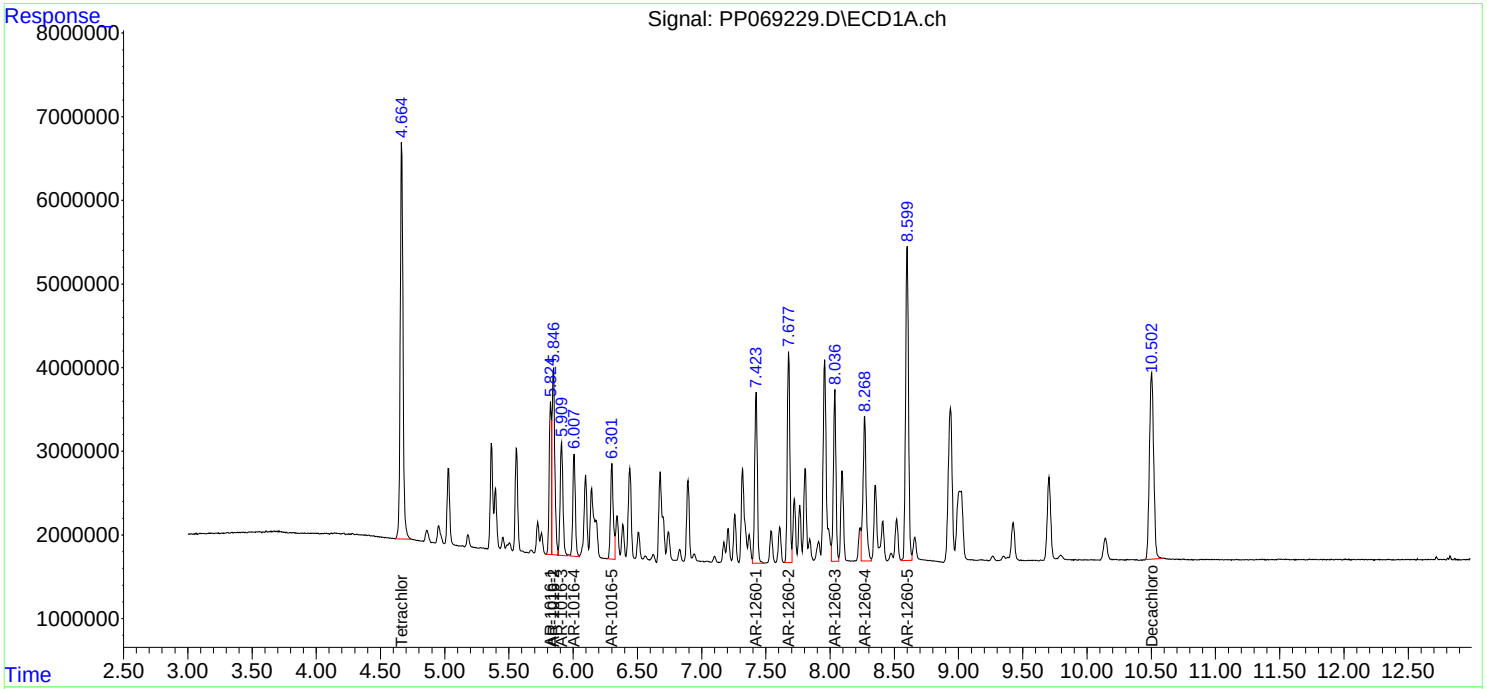
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

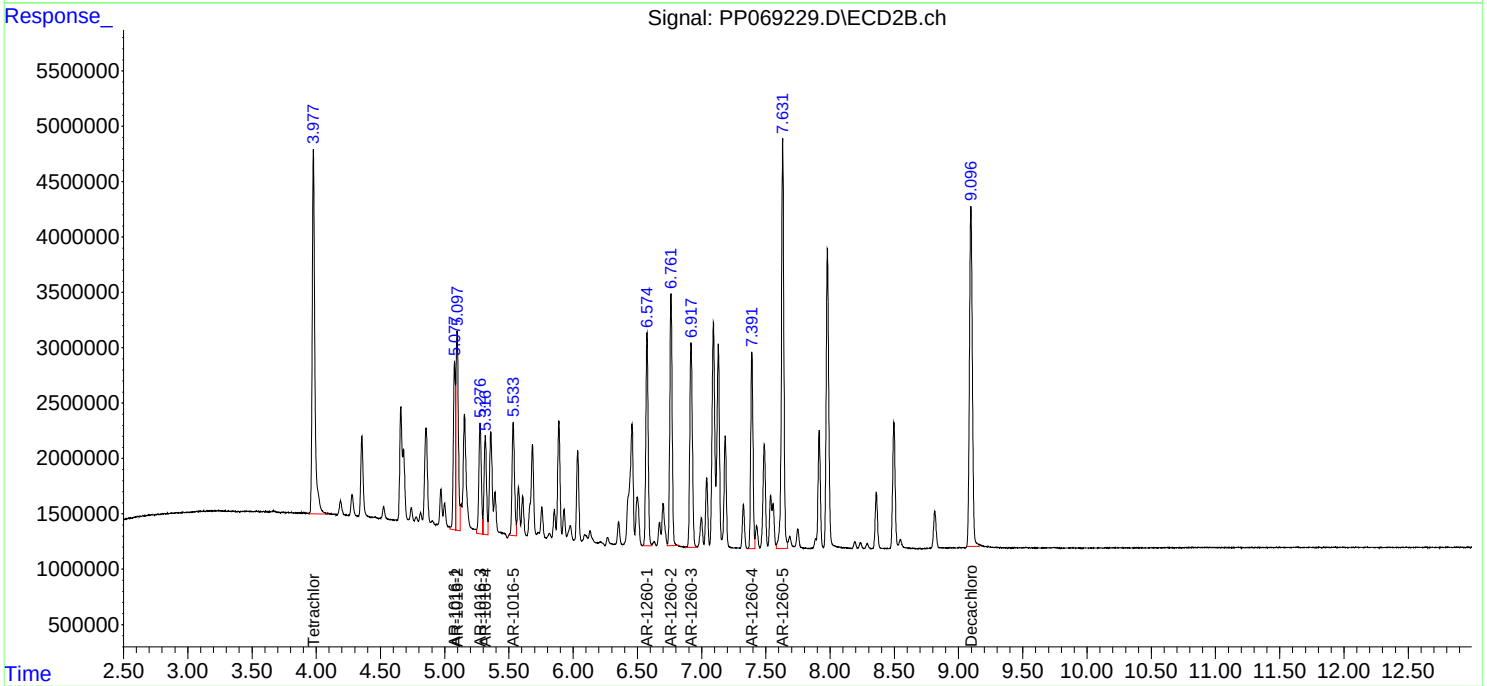
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012025\
Data File : PP069229.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jan 2025 15:32
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

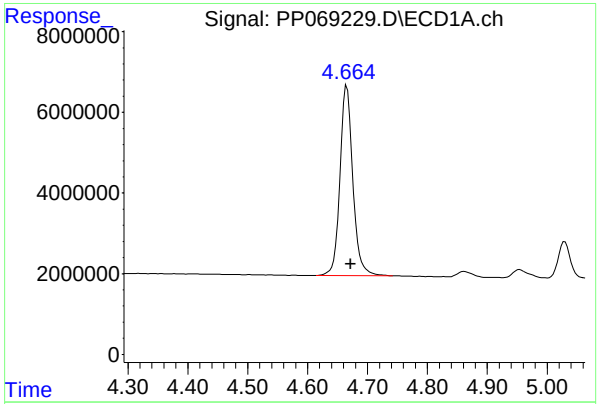
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 20 16:05:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 11:05:55 2025
Response via : Initial Calibration
Integrator: ChemStation

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



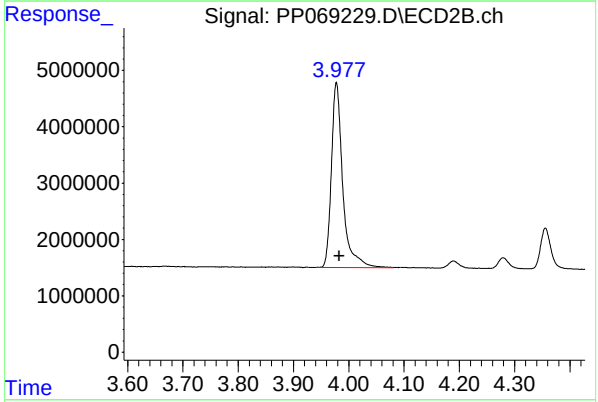




#1 Tetrachloro-m-xylene

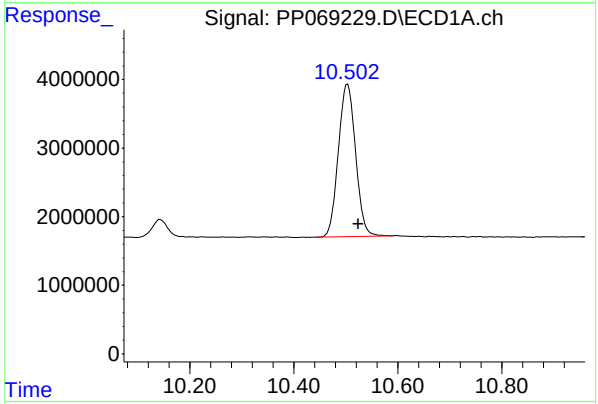
R.T.: 4.666 min
Delta R.T.: -0.006 min
Response: 70457287
Conc: 50.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



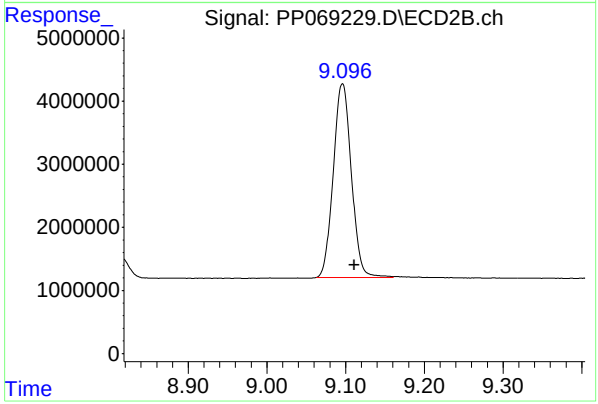
#1 Tetrachloro-m-xylene

R.T.: 3.978 min
Delta R.T.: -0.005 min
Response: 46969774
Conc: 48.12 ng/ml



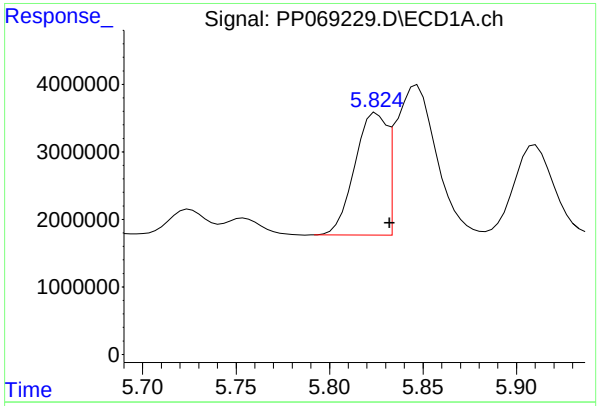
#2 Decachlorobiphenyl

R.T.: 10.503 min
Delta R.T.: -0.021 min
Response: 51076396
Conc: 45.75 ng/ml



#2 Decachlorobiphenyl

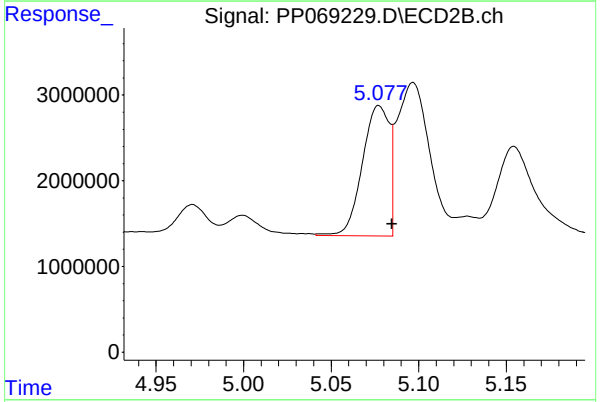
R.T.: 9.096 min
Delta R.T.: -0.015 min
Response: 48977380
Conc: 40.77 ng/ml



#3 AR-1016-1

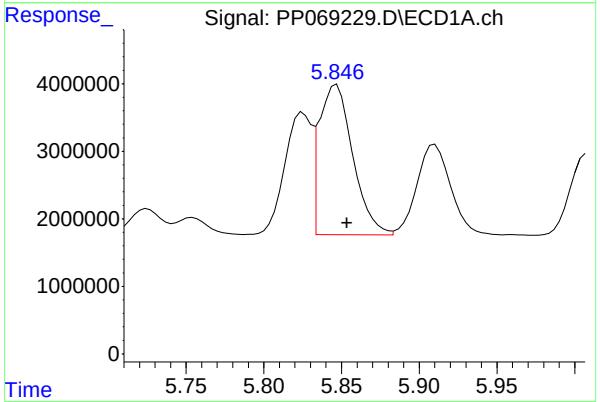
R.T.: 5.825 min
Delta R.T.: -0.007 min
Response: 21635554
Conc: 482.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



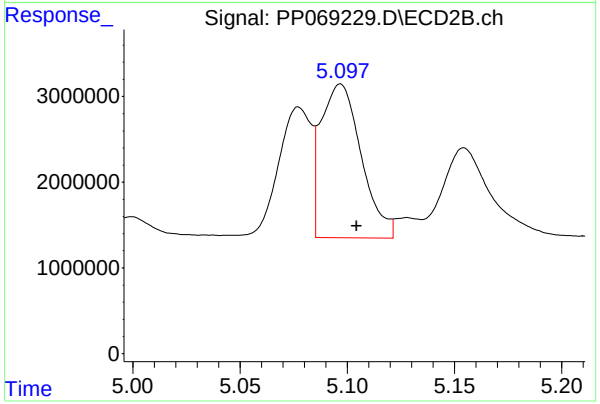
#3 AR-1016-1

R.T.: 5.077 min
Delta R.T.: -0.007 min
Response: 16390780
Conc: 484.47 ng/ml



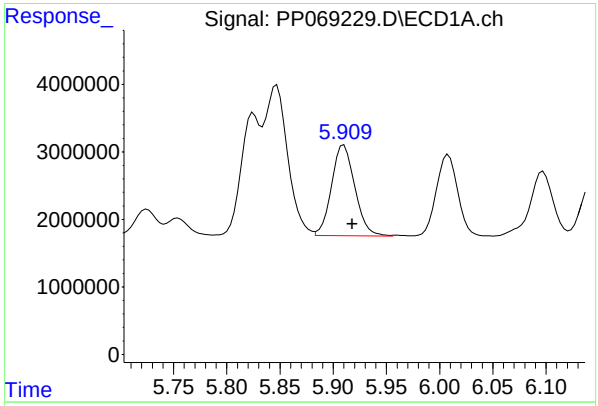
#4 AR-1016-2

R.T.: 5.847 min
Delta R.T.: -0.007 min
Response: 33660588
Conc: 500.80 ng/ml



#4 AR-1016-2

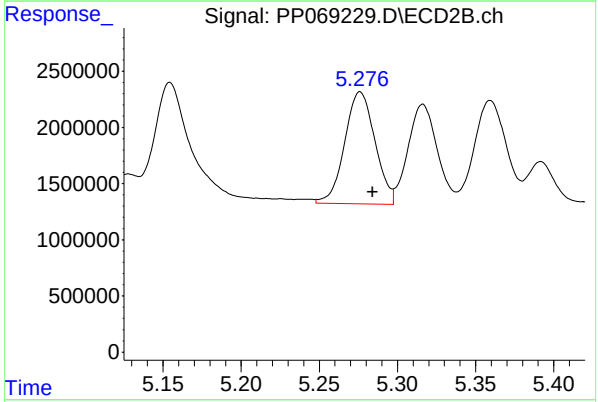
R.T.: 5.097 min
Delta R.T.: -0.008 min
Response: 23413021
Conc: 465.17 ng/ml



#5 AR-1016-3

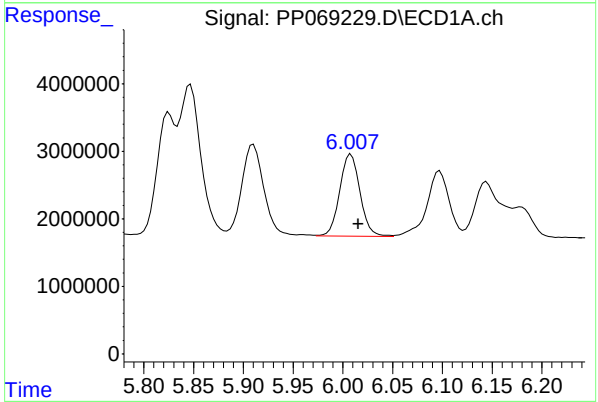
R.T.: 5.910 min
Delta R.T.: -0.008 min
Response: 20573267
Conc: 487.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



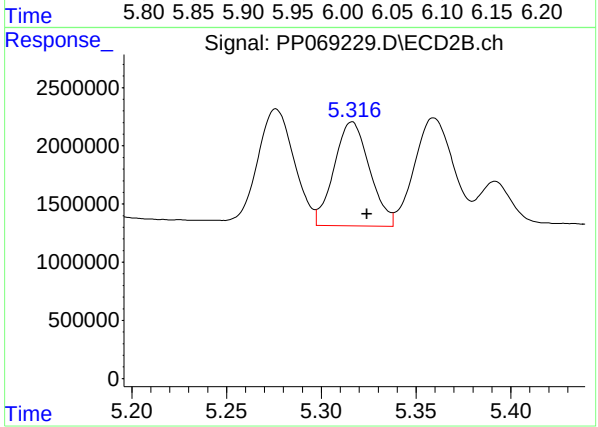
#5 AR-1016-3

R.T.: 5.276 min
Delta R.T.: -0.008 min
Response: 13477114
Conc: 497.37 ng/ml



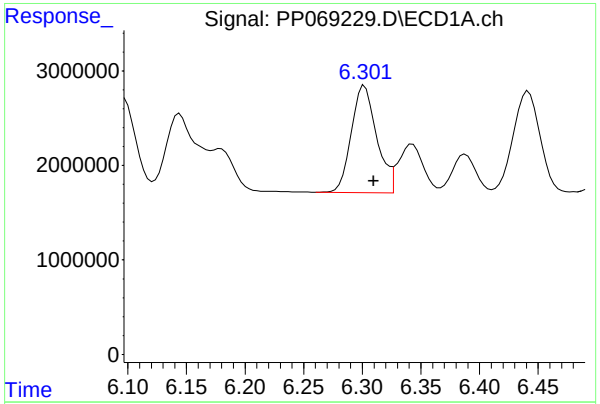
#6 AR-1016-4

R.T.: 6.008 min
Delta R.T.: -0.007 min
Response: 17173129
Conc: 490.88 ng/ml



#6 AR-1016-4

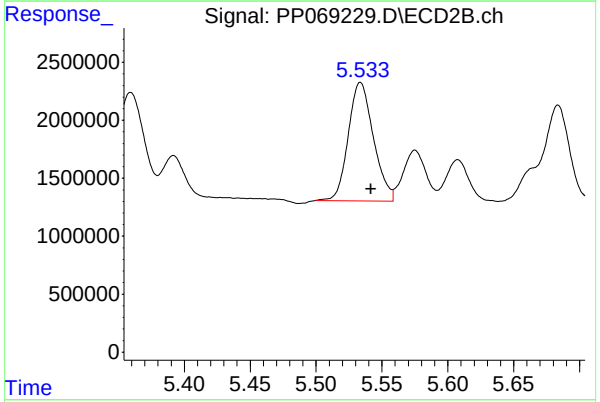
R.T.: 5.316 min
Delta R.T.: -0.008 min
Response: 11657418
Conc: 473.09 ng/ml



#7 AR-1016-5

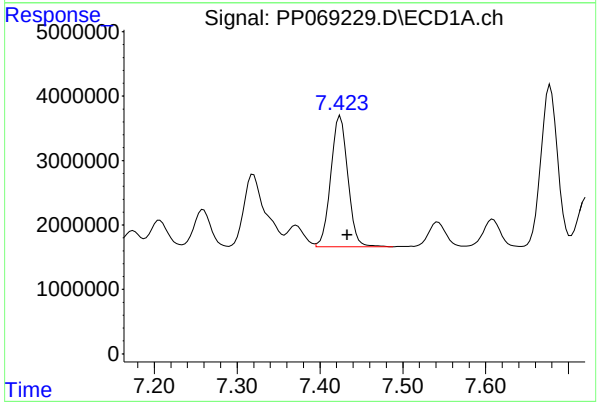
R.T.: 6.302 min
Delta R.T.: -0.008 min
Response: 17135263
Conc: 495.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



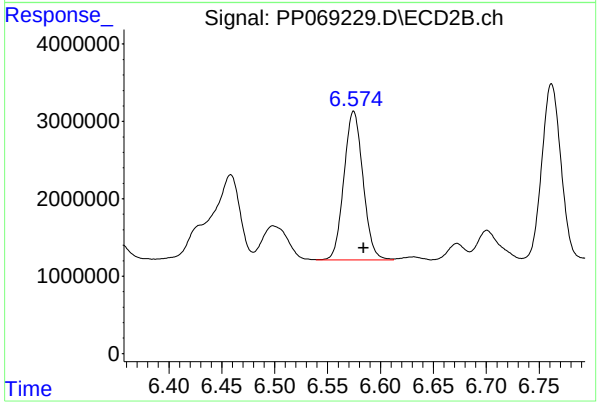
#7 AR-1016-5

R.T.: 5.534 min
Delta R.T.: -0.008 min
Response: 13600966
Conc: 450.43 ng/ml



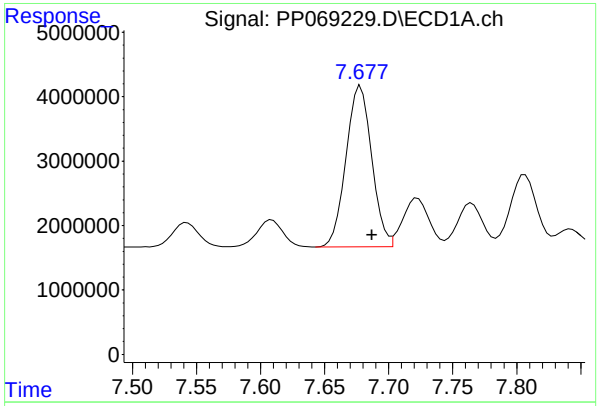
#31 AR-1260-1

R.T.: 7.425 min
Delta R.T.: -0.008 min
Response: 29017713
Conc: 462.56 ng/ml



#31 AR-1260-1

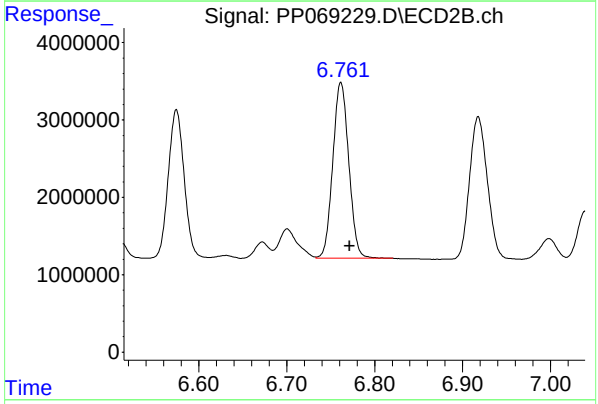
R.T.: 6.575 min
Delta R.T.: -0.010 min
Response: 24096102
Conc: 420.56 ng/ml



#32 AR-1260-2

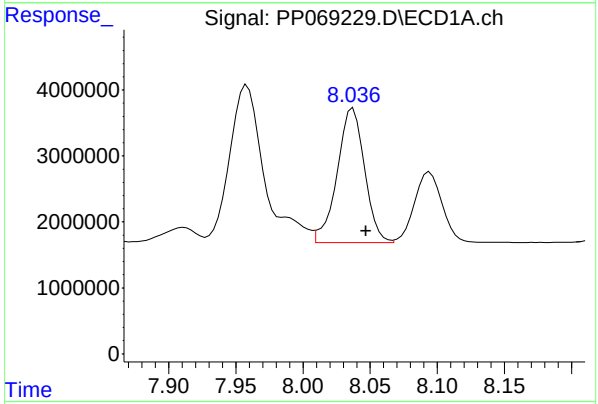
R.T.: 7.678 min
Delta R.T.: -0.009 min
Response: 34932670
Conc: 461.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



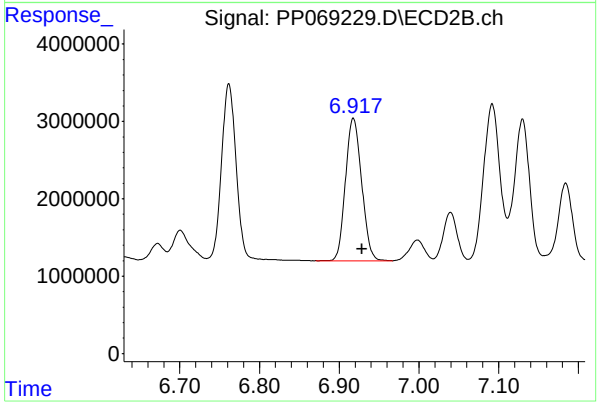
#32 AR-1260-2

R.T.: 6.762 min
Delta R.T.: -0.010 min
Response: 28636462
Conc: 434.70 ng/ml



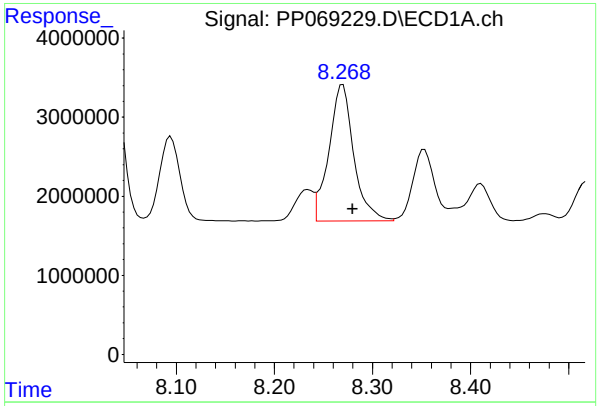
#33 AR-1260-3

R.T.: 8.037 min
Delta R.T.: -0.010 min
Response: 29101696
Conc: 443.61 ng/ml



#33 AR-1260-3

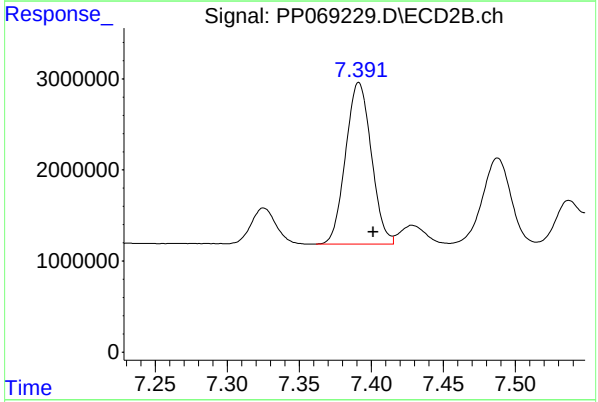
R.T.: 6.918 min
Delta R.T.: -0.010 min
Response: 26017717
Conc: 404.10 ng/ml



#34 AR-1260-4

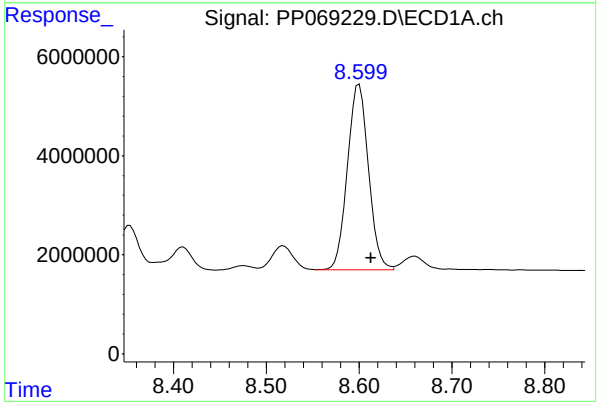
R.T.: 8.270 min
Delta R.T.: -0.010 min
Response: 30313681
Conc: 457.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



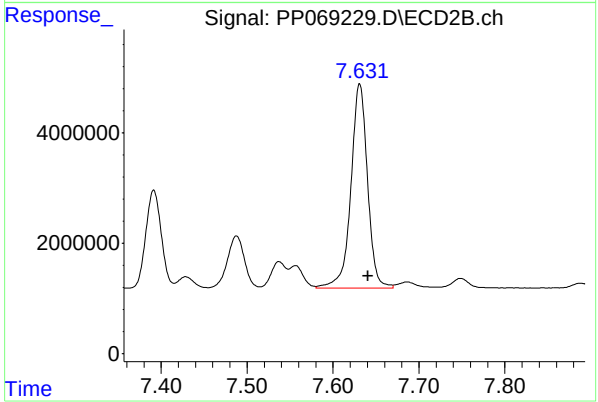
#34 AR-1260-4

R.T.: 7.391 min
Delta R.T.: -0.010 min
Response: 22058102
Conc: 393.81 ng/ml



#35 AR-1260-5

R.T.: 8.600 min
Delta R.T.: -0.013 min
Response: 59171834
Conc: 472.77 ng/ml



#35 AR-1260-5

R.T.: 7.631 min
Delta R.T.: -0.010 min
Response: 49683352
Conc: 404.54 ng/ml

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

Analytical Sequence

Client: Tetra Tech NUS, Inc. **SDG No.:** Q1122

Project: NWIRP Bethpage 112G08005-WE13 **Instrument ID:** ECD_P

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 01/06/2025 01/06/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	01/06/2025	19:41	PP068914.D	10.52	4.67
AR1660ICC1000	AR1660ICC1000	01/06/2025	19:57	PP068915.D	10.52	4.67
AR1660ICC750	AR1660ICC750	01/06/2025	20:13	PP068916.D	10.53	4.67
AR1660ICC500	AR1660ICC500	01/06/2025	20:30	PP068917.D	10.52	4.67
AR1660ICC250	AR1660ICC250	01/06/2025	20:46	PP068918.D	10.52	4.67
AR1660ICC050	AR1660ICC050	01/06/2025	21:02	PP068919.D	10.53	4.67
AR1221ICC500	AR1221ICC500	01/06/2025	21:19	PP068920.D	10.53	4.67
AR1232ICC500	AR1232ICC500	01/06/2025	21:35	PP068921.D	10.52	4.67
AR1242ICC1000	AR1242ICC1000	01/06/2025	21:51	PP068922.D	10.53	4.67
AR1242ICC750	AR1242ICC750	01/06/2025	22:07	PP068923.D	10.52	4.67
AR1242ICC500	AR1242ICC500	01/06/2025	22:24	PP068924.D	10.53	4.67
AR1242ICC250	AR1242ICC250	01/06/2025	22:40	PP068925.D	10.53	4.67
AR1242ICC050	AR1242ICC050	01/06/2025	22:56	PP068926.D	10.53	4.67
AR1248ICC1000	AR1248ICC1000	01/06/2025	23:12	PP068927.D	10.52	4.67
AR1248ICC750	AR1248ICC750	01/06/2025	23:29	PP068928.D	10.52	4.67
AR1248ICC500	AR1248ICC500	01/06/2025	23:45	PP068929.D	10.53	4.67
AR1248ICC250	AR1248ICC250	01/07/2025	00:01	PP068930.D	10.52	4.67
AR1248ICC050	AR1248ICC050	01/07/2025	00:17	PP068931.D	10.53	4.68
AR1254ICC1000	AR1254ICC1000	01/07/2025	00:34	PP068932.D	10.52	4.67
AR1254ICC750	AR1254ICC750	01/07/2025	00:50	PP068933.D	10.52	4.67
AR1254ICC500	AR1254ICC500	01/07/2025	01:06	PP068934.D	10.52	4.67
AR1254ICC250	AR1254ICC250	01/07/2025	01:22	PP068935.D	10.52	4.67
AR1254ICC050	AR1254ICC050	01/07/2025	01:39	PP068936.D	10.53	4.67
AR1262ICC500	AR1262ICC500	01/07/2025	01:55	PP068937.D	10.53	4.68
AR1268ICC1000	AR1268ICC1000	01/07/2025	02:11	PP068938.D	10.53	4.67
AR1268ICC750	AR1268ICC750	01/07/2025	02:27	PP068939.D	10.52	4.67
AR1268ICC500	AR1268ICC500	01/07/2025	02:44	PP068940.D	10.53	4.68
AR1268ICC250	AR1268ICC250	01/07/2025	03:00	PP068941.D	10.53	4.67
AR1268ICC050	AR1268ICC050	01/07/2025	03:16	PP068942.D	10.53	4.67
AR1660CCC500	AR1660CCC500	01/20/2025	09:00	PP069214.D	10.52	4.67
I.BLK	I.BLK	01/20/2025	10:05	PP069218.D	10.51	4.67
PB166124BL	PB166124BL	01/20/2025	10:21	PP069219.D	10.51	4.67
PB166124BS	PB166124BS	01/20/2025	10:37	PP069220.D	10.51	4.67
PB166124BSD	PB166124BSD	01/20/2025	10:54	PP069221.D	10.51	4.67
RW10A-20250116	Q1122-01	01/20/2025	11:10	PP069222.D	10.51	4.67
AR1660CCC500	AR1660CCC500	01/20/2025	15:32	PP069229.D	10.50	4.67
I.BLK	I.BLK	01/20/2025	16:37	PP069233.D	10.51	4.67

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

Analytical Sequence

Client: Tetra Tech NUS, Inc. **SDG No.:** Q1122

Project: NWIRP Bethpage 112G08005-WE13 **Instrument ID:** ECD_P

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 01/06/2025 01/06/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	01/06/2025	19:41	PP068914.D	9.11	3.98
AR1660ICC1000	AR1660ICC1000	01/06/2025	19:57	PP068915.D	9.11	3.98
AR1660ICC750	AR1660ICC750	01/06/2025	20:13	PP068916.D	9.11	3.98
AR1660ICC500	AR1660ICC500	01/06/2025	20:30	PP068917.D	9.11	3.98
AR1660ICC250	AR1660ICC250	01/06/2025	20:46	PP068918.D	9.11	3.98
AR1660ICC050	AR1660ICC050	01/06/2025	21:02	PP068919.D	9.11	3.98
AR1221ICC500	AR1221ICC500	01/06/2025	21:19	PP068920.D	9.11	3.98
AR1232ICC500	AR1232ICC500	01/06/2025	21:35	PP068921.D	9.11	3.98
AR1242ICC1000	AR1242ICC1000	01/06/2025	21:51	PP068922.D	9.11	3.98
AR1242ICC750	AR1242ICC750	01/06/2025	22:07	PP068923.D	9.11	3.98
AR1242ICC500	AR1242ICC500	01/06/2025	22:24	PP068924.D	9.11	3.98
AR1242ICC250	AR1242ICC250	01/06/2025	22:40	PP068925.D	9.11	3.98
AR1242ICC050	AR1242ICC050	01/06/2025	22:56	PP068926.D	9.11	3.98
AR1248ICC1000	AR1248ICC1000	01/06/2025	23:12	PP068927.D	9.11	3.98
AR1248ICC750	AR1248ICC750	01/06/2025	23:29	PP068928.D	9.11	3.98
AR1248ICC500	AR1248ICC500	01/06/2025	23:45	PP068929.D	9.11	3.98
AR1248ICC250	AR1248ICC250	01/07/2025	00:01	PP068930.D	9.11	3.98
AR1248ICC050	AR1248ICC050	01/07/2025	00:17	PP068931.D	9.11	3.98
AR1254ICC1000	AR1254ICC1000	01/07/2025	00:34	PP068932.D	9.11	3.98
AR1254ICC750	AR1254ICC750	01/07/2025	00:50	PP068933.D	9.11	3.98
AR1254ICC500	AR1254ICC500	01/07/2025	01:06	PP068934.D	9.11	3.98
AR1254ICC250	AR1254ICC250	01/07/2025	01:22	PP068935.D	9.11	3.98
AR1254ICC050	AR1254ICC050	01/07/2025	01:39	PP068936.D	9.11	3.98
AR1262ICC500	AR1262ICC500	01/07/2025	01:55	PP068937.D	9.11	3.98
AR1268ICC1000	AR1268ICC1000	01/07/2025	02:11	PP068938.D	9.11	3.98
AR1268ICC750	AR1268ICC750	01/07/2025	02:27	PP068939.D	9.11	3.99
AR1268ICC500	AR1268ICC500	01/07/2025	02:44	PP068940.D	9.11	3.98
AR1268ICC250	AR1268ICC250	01/07/2025	03:00	PP068941.D	9.11	3.99
AR1268ICC050	AR1268ICC050	01/07/2025	03:16	PP068942.D	9.11	3.99
AR1660CCC500	AR1660CCC500	01/20/2025	09:00	PP069214.D	9.10	3.98
I.BLK	I.BLK	01/20/2025	10:05	PP069218.D	9.10	3.98
PB166124BL	PB166124BL	01/20/2025	10:21	PP069219.D	9.10	3.98
PB166124BS	PB166124BS	01/20/2025	10:37	PP069220.D	9.10	3.98
PB166124BSD	PB166124BSD	01/20/2025	10:54	PP069221.D	9.10	3.98
RW10A-20250116	Q1122-01	01/20/2025	11:10	PP069222.D	9.10	3.98
AR1660CCC500	AR1660CCC500	01/20/2025	15:32	PP069229.D	9.10	3.98
I.BLK	I.BLK	01/20/2025	16:37	PP069233.D	9.10	3.98

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: PB166124BS

Contract: TETR06

Lab Code: CHEM Case No.: Q1122 SAS No.: Q1122 SDG NO.: Q1122

Lab Sample ID: PB166124BS Date(s) Analyzed: 01/20/2025 01/20/2025

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

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

Data file PP069220.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.826	5.776	5.876	4.47		
	2	5.848	5.798	5.898	4.52		
	3	5.911	5.861	5.961	4.40		
COLUMN 1	4	6.01	5.96	6.06	4.48		
	5	6.303	6.253	6.353	4.39	4.50	
	1	5.08	5.03	5.13	4.48		
	2	5.099	5.049	5.149	4.33		
	3	5.279	5.229	5.329	4.48		
	4	5.319	5.269	5.369	4.16		
COLUMN 2	5	5.537	5.487	5.587	4.15	4.30	4.55
Aroclor-1260	1	7.425	7.375	7.475	4.59		
	2	7.679	7.629	7.729	4.49		
	3	8.038	7.988	8.088	3.69		
COLUMN 1	4	8.271	8.221	8.321	3.96		
	5	8.602	8.552	8.652	3.98	4.10	
	1	6.577	6.527	6.627	4.23		
	2	6.764	6.714	6.814	4.37		
	3	6.92	6.87	6.97	4.16		
	4	7.394	7.344	7.444	3.59		
COLUMN 2	5	7.633	7.583	7.683	3.70	4.00	2.47

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: PB166124BSD

Contract: TETR06

Lab Code: CHEM Case No.: Q1122 SAS No.: Q1122 SDG NO.: Q1122

Lab Sample ID: PB166124BSD Date(s) Analyzed: 01/20/2025 01/20/2025

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

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

Data file PP069221.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.829	5.779	5.879	4.47		
	2	5.85	5.8	5.9	4.64		
	3	5.914	5.864	5.964	4.58		
COLUMN 1	4	6.011	5.961	6.061	4.63		
	5	6.305	6.255	6.355	4.48	4.60	
	1	5.079	5.029	5.129	4.63		
	2	5.099	5.049	5.149	4.37		
	3	5.278	5.228	5.328	4.54		
	4	5.318	5.268	5.368	4.23		
COLUMN 2	5	5.536	5.486	5.586	4.18	4.40	4.44
Aroclor-1260	1	7.427	7.377	7.477	4.46		
	2	7.681	7.631	7.731	4.47		
	3	8.04	7.99	8.09	3.68		
COLUMN 1	4	8.273	8.223	8.323	4.00		
	5	8.605	8.555	8.655	3.96	4.10	
	1	6.577	6.527	6.627	4.33		
	2	6.764	6.714	6.814	4.45		
	3	6.919	6.869	6.969	4.20		
	4	7.394	7.344	7.444	3.60		
COLUMN 2	5	7.632	7.582	7.682	3.77	4.10	0

QC SAMPLE DATA

Raw Data: **PP069219.D**

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	PB166124BL	SDG No.:	Q1122
Lab Sample ID:	PB166124BL	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069219.D	1	01/17/25 11:30	01/20/25 10:21	PB166124

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
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
11096-82-5	Aroclor-1260	0.40	U	0.15	0.40	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	21.4		35 - 137		107%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.5		40 - 135		107%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PP069219.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012025\
Data File : PP069219.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jan 2025 10:21
Operator : YP\AJ
Sample : PB166124BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB166124BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 20 11:28:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 11:05:55 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.671	3.979	29813101	20102548	21.428	20.593
2)	SA Decachlor...	10.512	9.098	23989636	24356828	21.487	20.275
	Target Compounds						

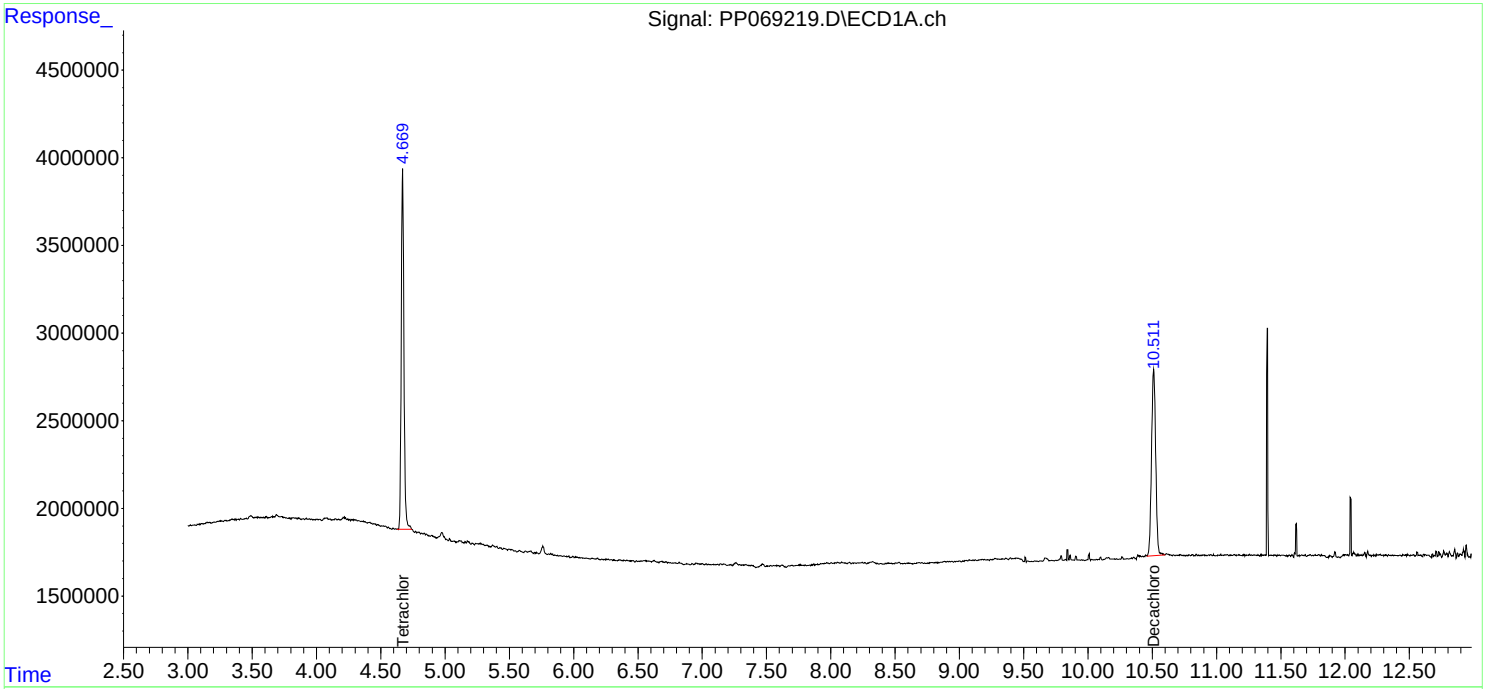
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

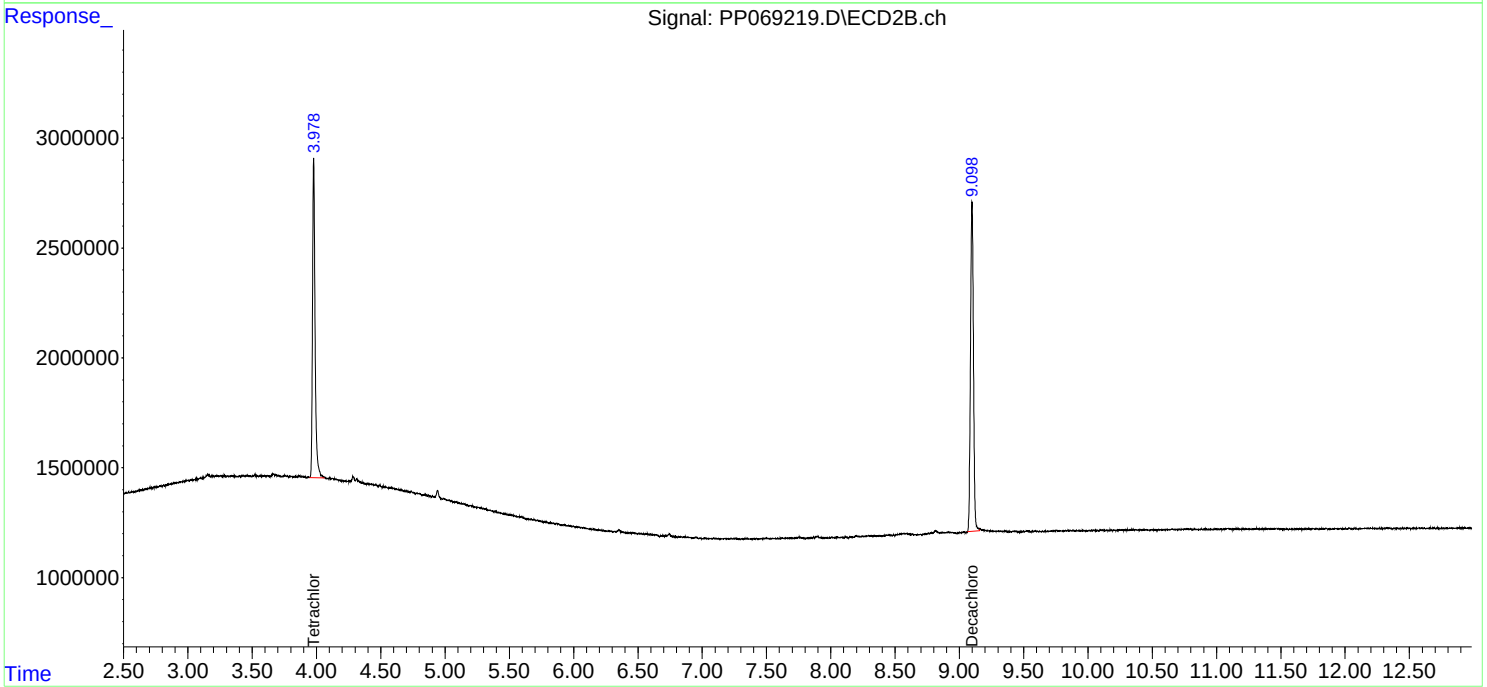
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012025\
Data File : PP069219.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jan 2025 10:21
Operator : YP\AJ
Sample : PB166124BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

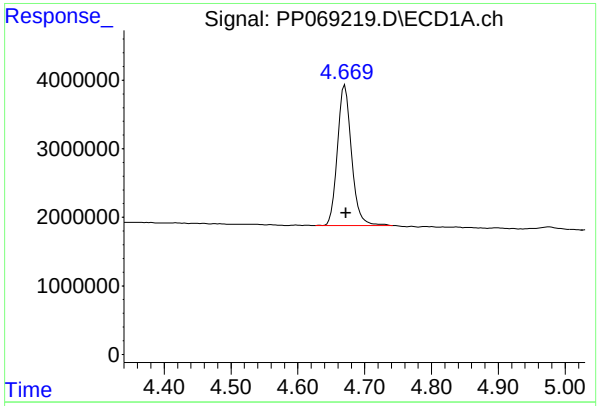
Instrument :
ECD_P
ClientSampleId :
PB166124BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 20 11:28:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 11:05:55 2025
Response via : Initial Calibration
Integrator: ChemStation

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



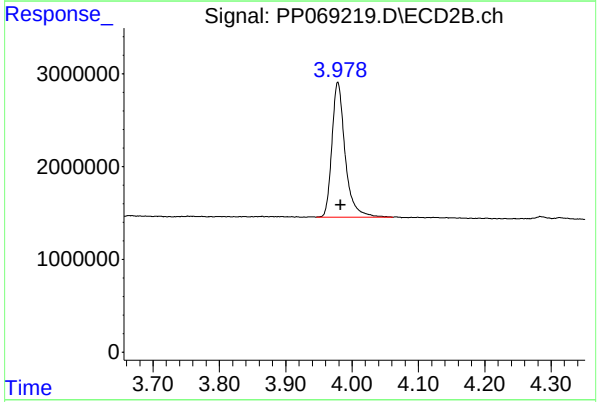




#1 Tetrachloro-m-xylene

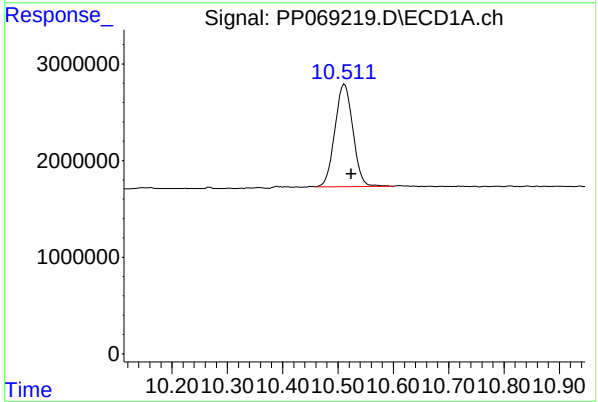
R.T.: 4.671 min
Delta R.T.: -0.001 min
Response: 29813101
Conc: 21.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166124BL



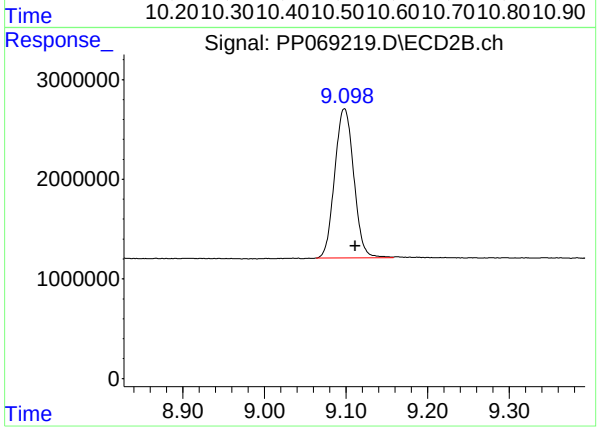
#1 Tetrachloro-m-xylene

R.T.: 3.979 min
Delta R.T.: -0.005 min
Response: 20102548
Conc: 20.59 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.512 min
Delta R.T.: -0.012 min
Response: 23989636
Conc: 21.49 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.098 min
Delta R.T.: -0.013 min
Response: 24356828
Conc: 20.28 ng/ml

Raw Data: **PP068914.D**

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/06/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	01/06/25
Client Sample ID:	PIBLK-PP068914.D	SDG No.:	Q1122
Lab Sample ID:	I.BLK-PP068914.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
PP068914.D	1		01/06/25	PP010625

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	21.4		60 - 140		107%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.9		60 - 140		115%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PP068914.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068914.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 19:41
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 06:09:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 06:08:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.671	3.981	29835646	21313219	21.445	21.834
2)	SA Decachlor...	10.522	9.111	26326285	27562017	23.580	22.943
	Target Compounds						

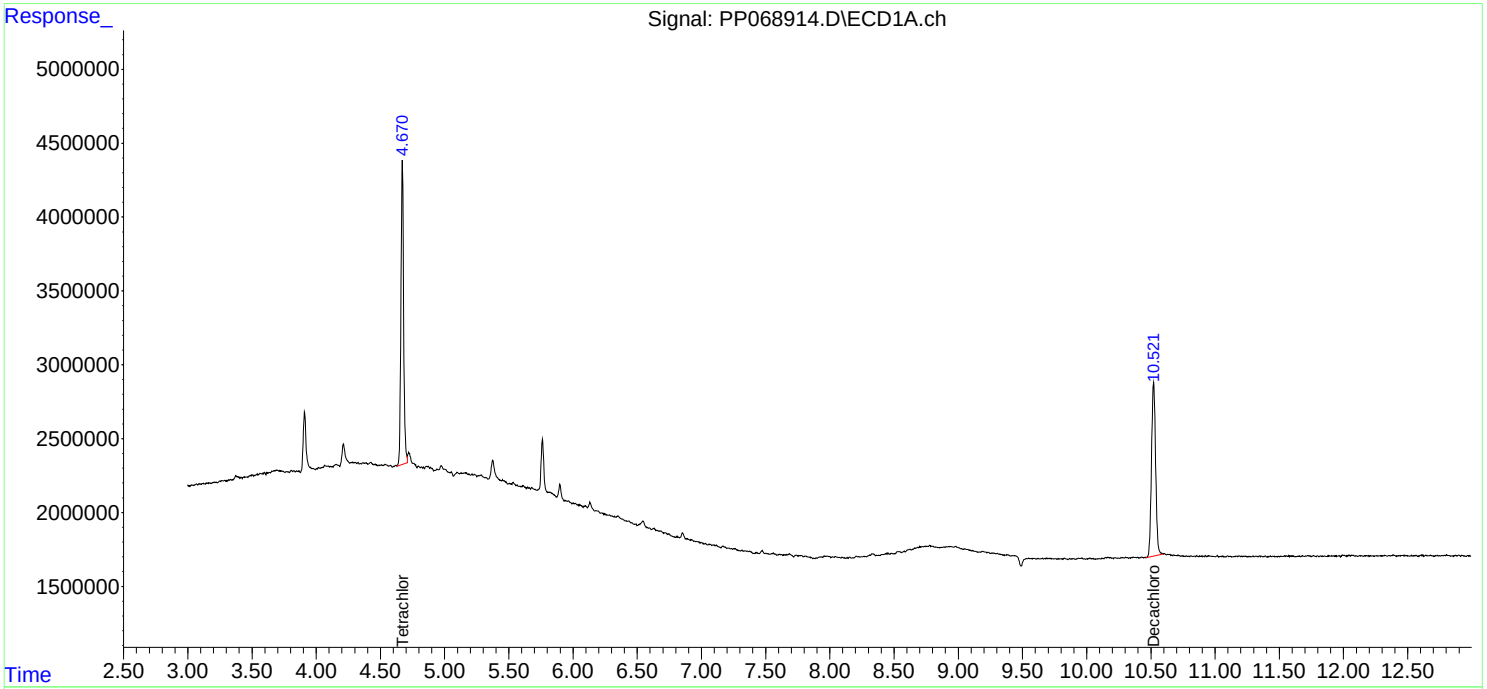
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

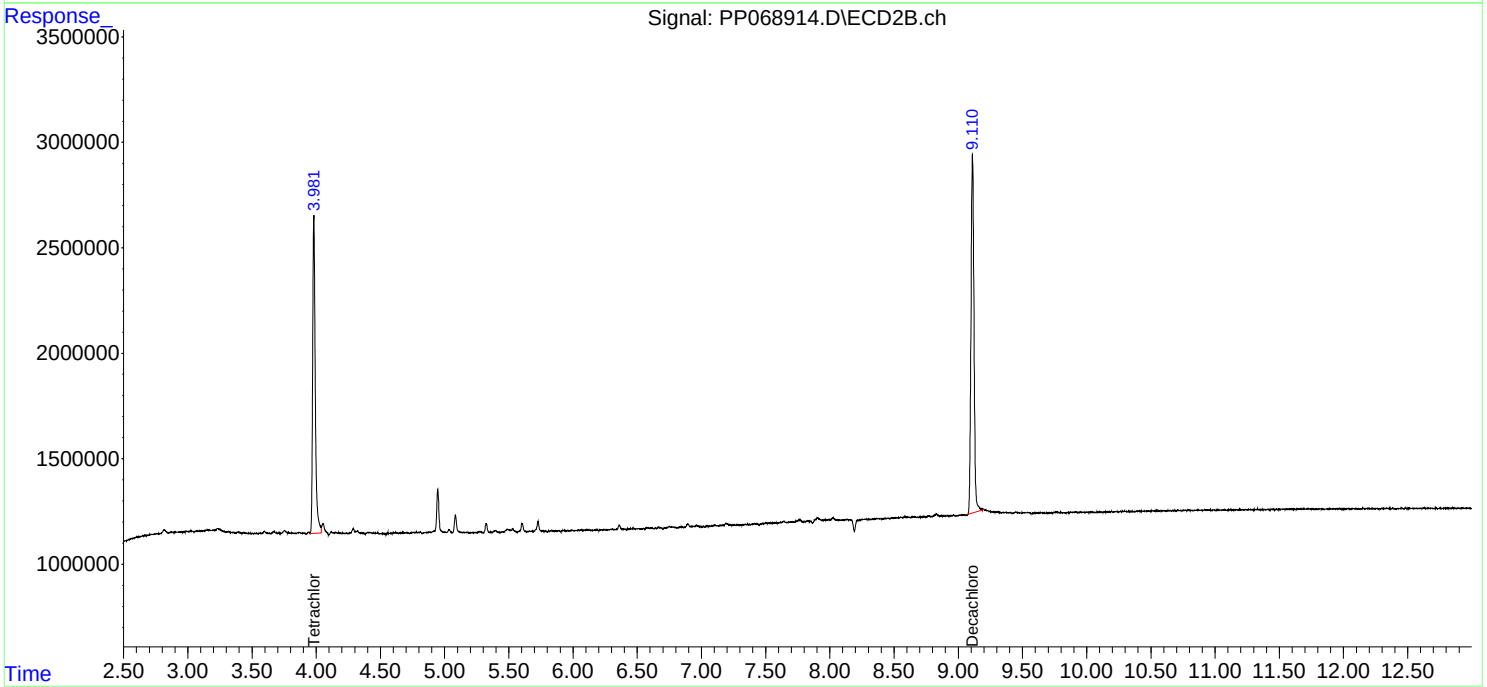
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068914.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 19:41
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

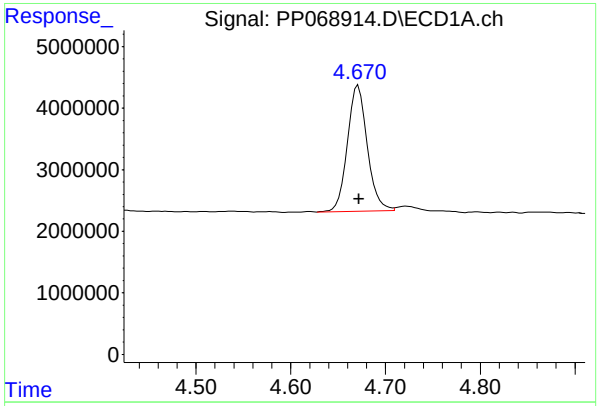
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 06:09:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 06:08:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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



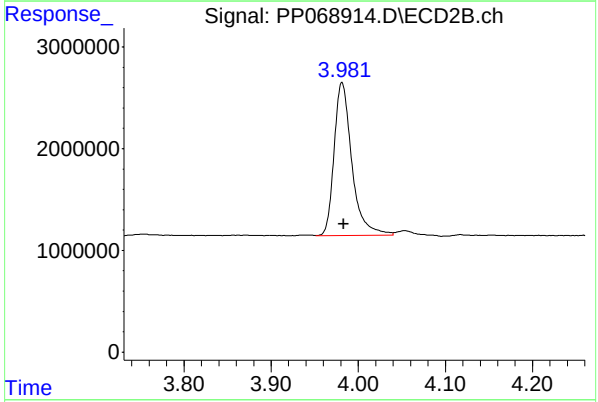




#1 Tetrachloro-m-xylene

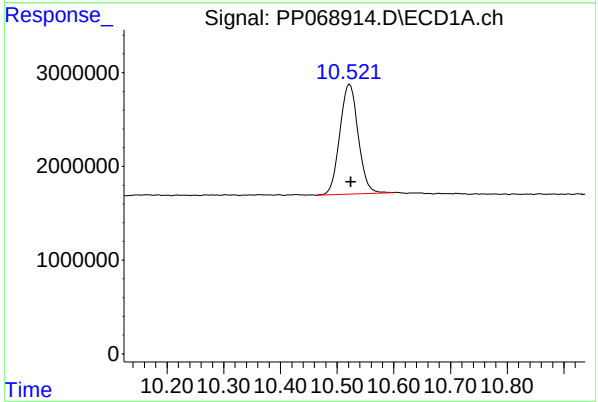
R.T.: 4.671 min
Delta R.T.: 0.000 min
Response: 29835646
Conc: 21.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



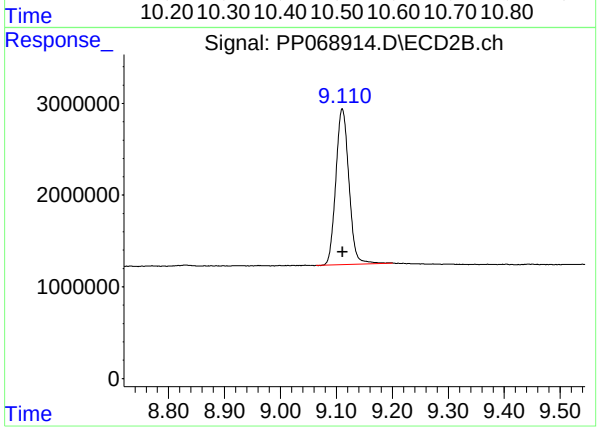
#1 Tetrachloro-m-xylene

R.T.: 3.981 min
Delta R.T.: -0.002 min
Response: 21313219
Conc: 21.83 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.522 min
Delta R.T.: -0.002 min
Response: 26326285
Conc: 23.58 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.111 min
Delta R.T.: 0.000 min
Response: 27562017
Conc: 22.94 ng/ml

Raw Data: **PP069218.D**

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/20/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	01/20/25
Client Sample ID:	PIBLK-PP069218.D	SDG No.:	Q1122
Lab Sample ID:	I.BLK-PP069218.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
PP069218.D	1		01/20/25	PP012025

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	17.0		60 - 140		85%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.0		60 - 140		90%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PP069218.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012025\
Data File : PP069218.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jan 2025 10:05
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 20 10:29:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 11:05:55 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.665	3.980	25341031	16561158	18.214	16.966
2)	SA Decachlor...	10.506	9.098	20655953	21577176	18.501	17.961
	Target Compounds						

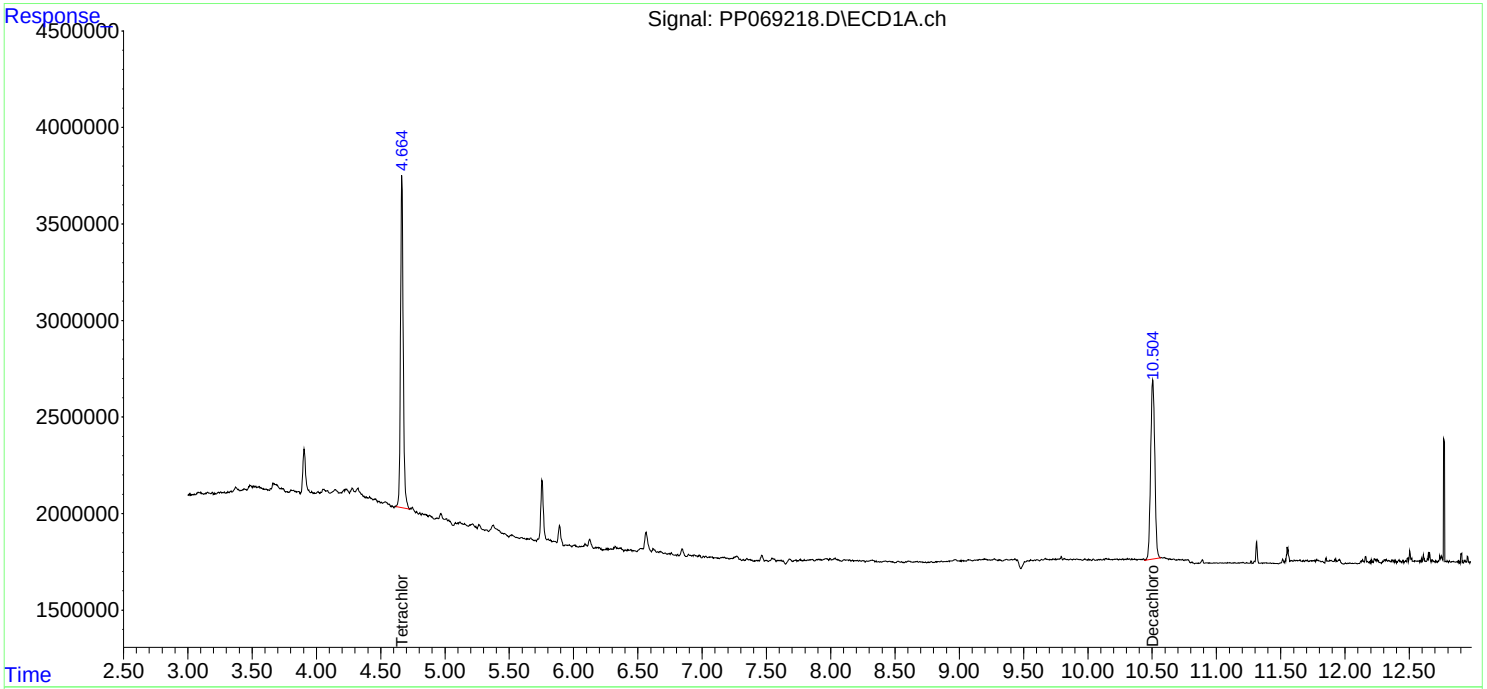
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

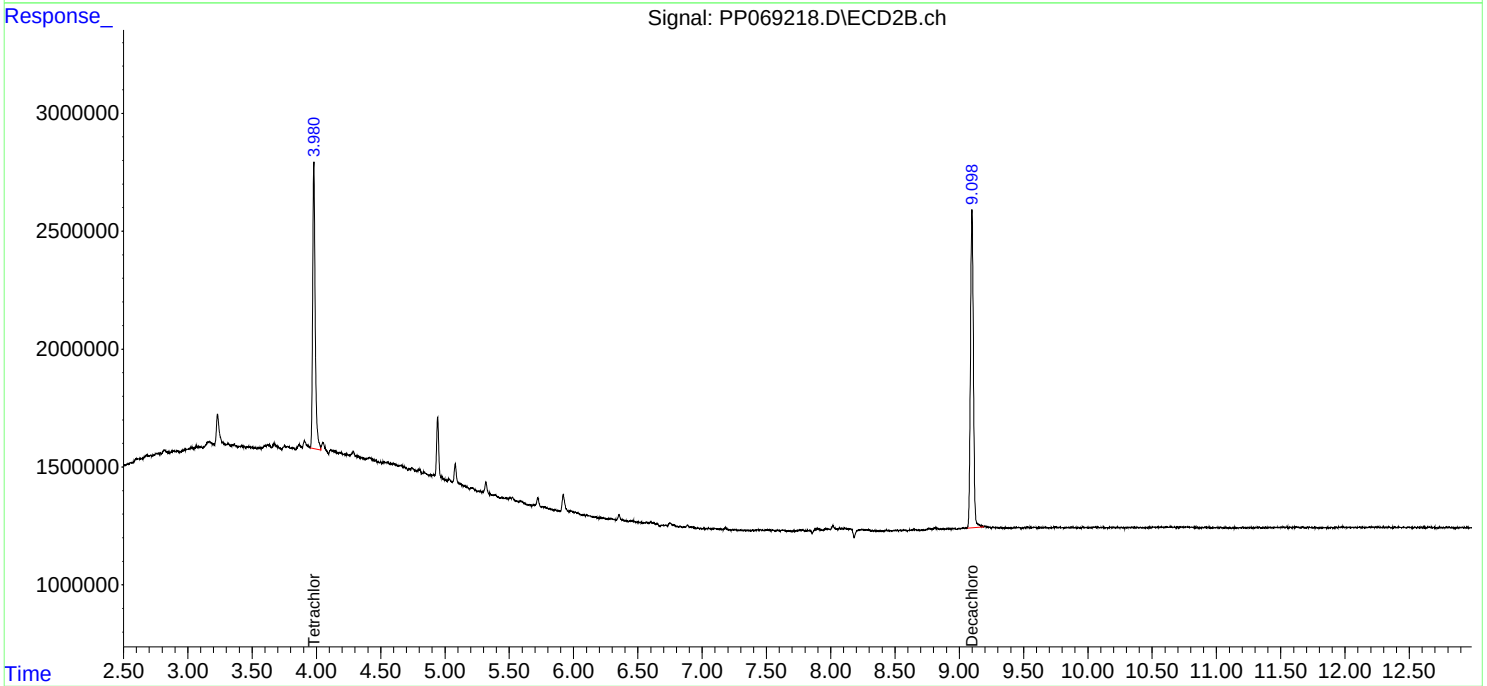
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012025\
Data File : PP069218.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jan 2025 10:05
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

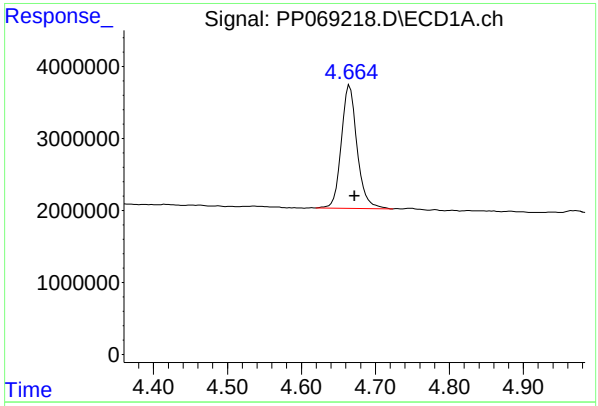
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 20 10:29:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 11:05:55 2025
Response via : Initial Calibration
Integrator: ChemStation

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



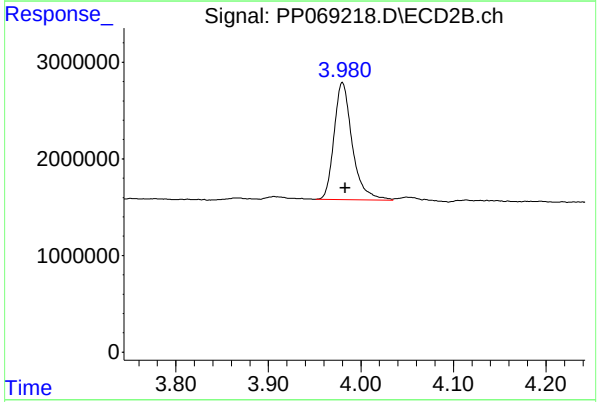




#1 Tetrachloro-m-xylene

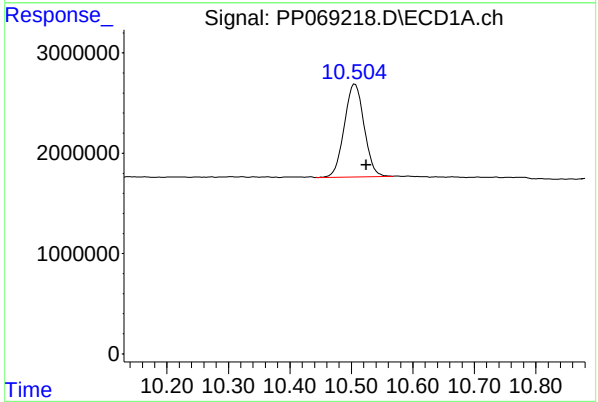
R.T.: 4.665 min
Delta R.T.: -0.007 mi
Response: 25341031
Conc: 18.21 ng/m

Instrument :
ECD_P
ClientSampleId :
I.BLK



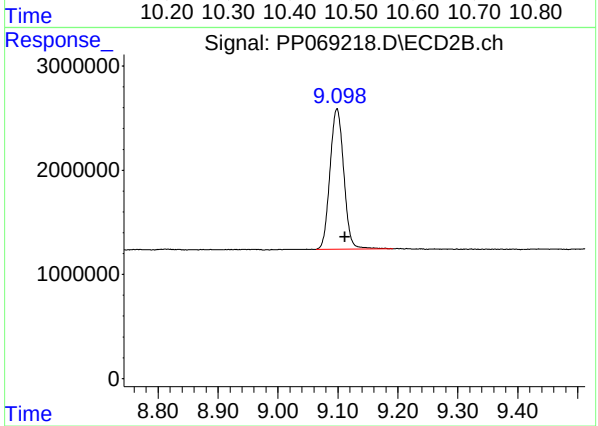
#1 Tetrachloro-m-xylene

R.T.: 3.980 min
Delta R.T.: -0.003 min
Response: 16561158
Conc: 16.97 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.506 min
Delta R.T.: -0.018 min
Response: 20655953
Conc: 18.50 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.098 min
Delta R.T.: -0.013 min
Response: 21577176
Conc: 17.96 ng/ml

Raw Data: **PP069233.D**

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/20/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	01/20/25
Client Sample ID:	PIBLK-PP069233.D	SDG No.:	Q1122
Lab Sample ID:	I.BLK-PP069233.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
PP069233.D	1		01/20/25	PP012025

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	17.9		60 - 140		89%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.7		60 - 140		88%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PP069233.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012025\
Data File : PP069233.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jan 2025 16:37
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 21 02:07:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 11:05:55 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.666	3.976	26467855	17447850	19.024	17.874
2)	SA Decachlor...	10.507	9.095	20892086	21255423	18.713	17.694
	Target Compounds						

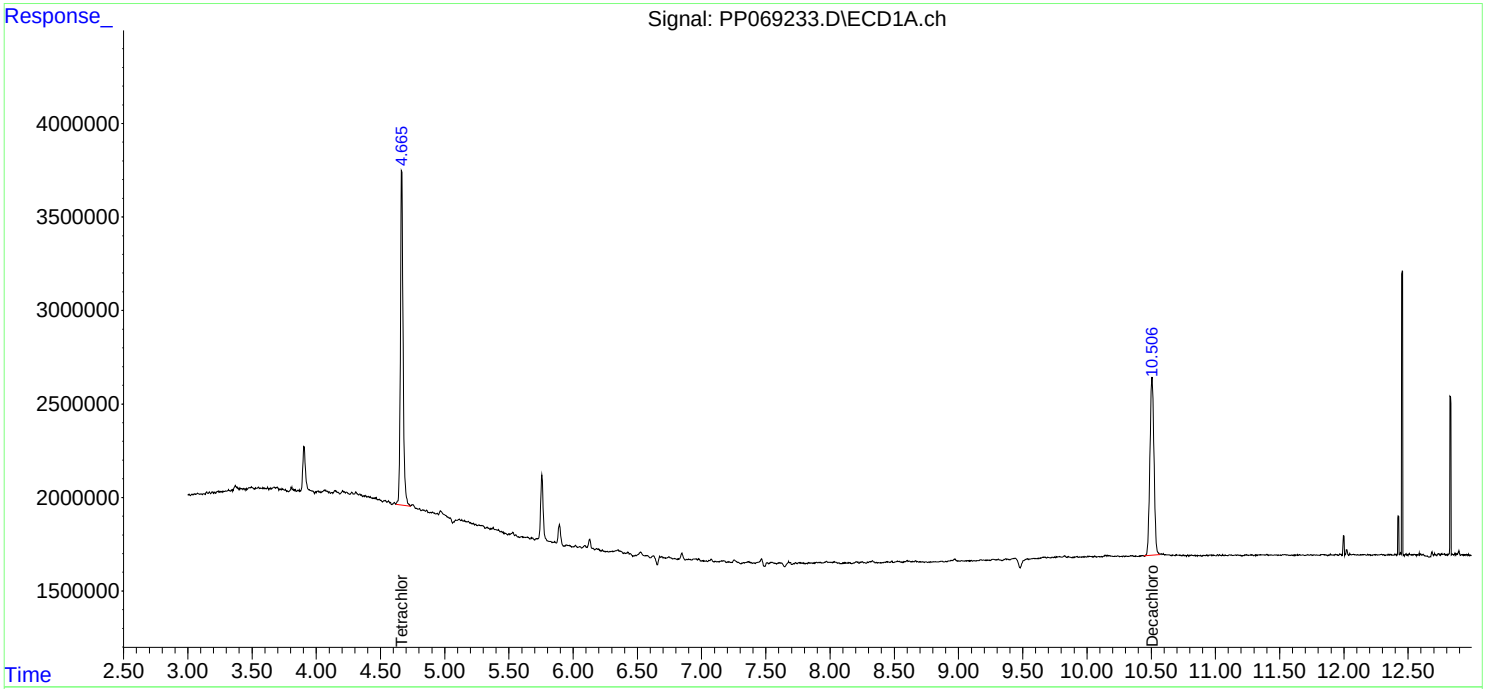
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

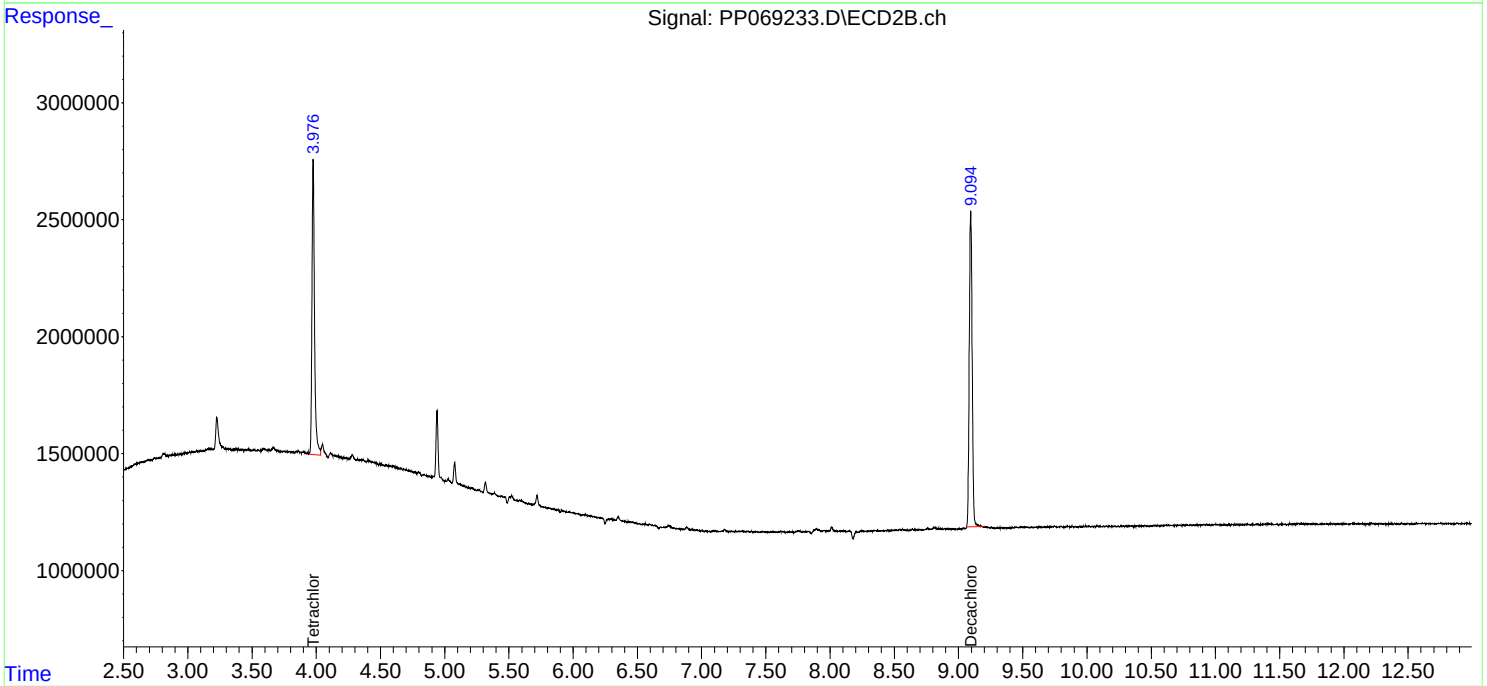
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012025\
Data File : PP069233.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jan 2025 16:37
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

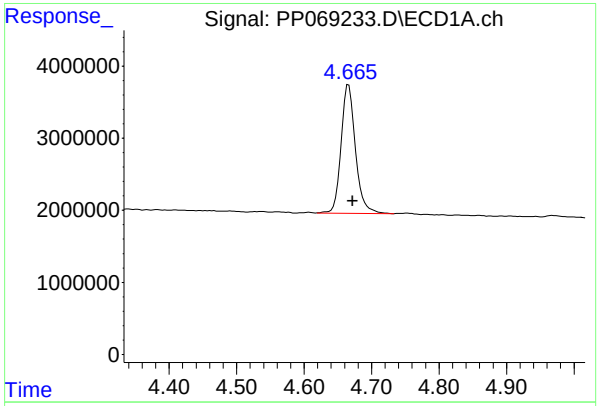
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 21 02:07:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 11:05:55 2025
Response via : Initial Calibration
Integrator: ChemStation

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



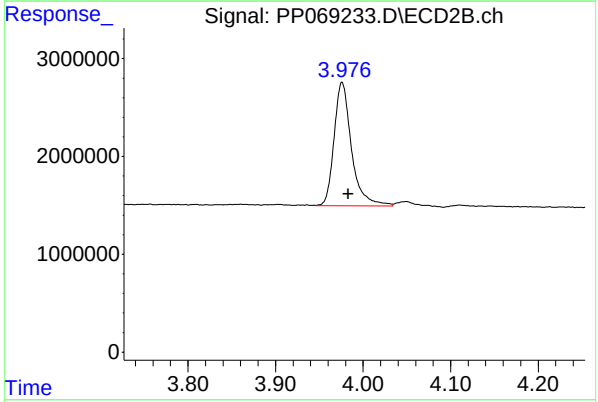




#1 Tetrachloro-m-xylene

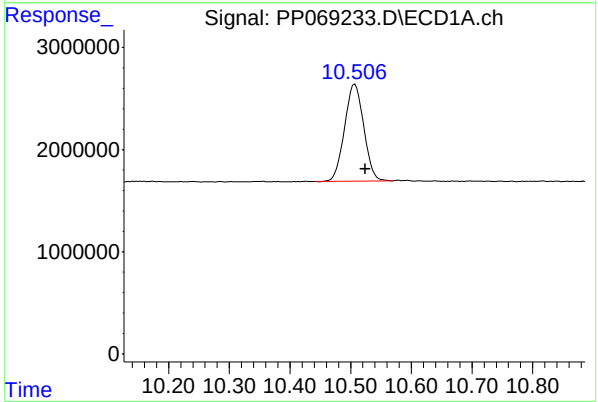
R.T.: 4.666 min
Delta R.T.: -0.006 mi
Response: 26467855
Conc: 19.02 ng/m

Instrument :
ECD_P
ClientSampleId :
I.BLK



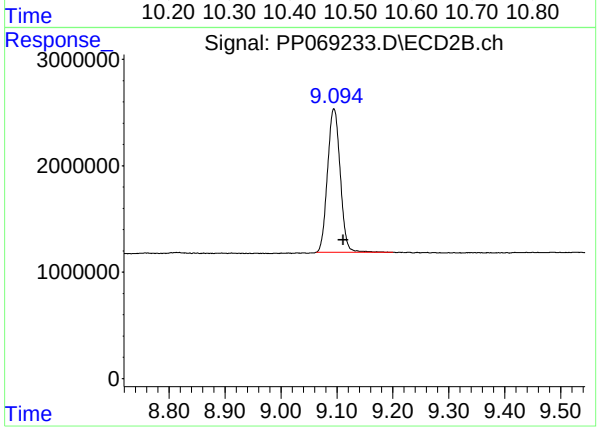
#1 Tetrachloro-m-xylene

R.T.: 3.976 min
Delta R.T.: -0.007 min
Response: 17447850
Conc: 17.87 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.507 min
Delta R.T.: -0.017 min
Response: 20892086
Conc: 18.71 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.095 min
Delta R.T.: -0.017 min
Response: 21255423
Conc: 17.69 ng/ml

Raw Data: **PP069220.D**

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	PB166124BS	SDG No.:	Q1122
Lab Sample ID:	PB166124BS	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069220.D	1	01/17/25 11:30	01/20/25 10:37	PB166124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	4.50		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
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
11096-82-5	Aroclor-1260	4.10		0.15	0.40	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	21.9		35 - 137		110%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.1		40 - 135		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\PP012025\
Data File : PP069220.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jan 2025 10:37
Operator : YP\AJ
Sample : PB166124BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB166124BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 20 11:28:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 11:05:55 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.667	3.980	30527396	20344054	21.942	20.841
2)	SA Decachlor...	10.508	9.099	23616002	24420550	21.152	20.328
	Target Compounds						
3)	L1 AR-1016-1	5.826	5.080	20030864	15151670	446.760	447.841
4)	L1 AR-1016-2	5.848	5.099	30407053	21771478	452.393	432.553
5)	L1 AR-1016-3	5.911	5.279	18582423	12136828	440.462	447.907
6)	L1 AR-1016-4	6.010	5.319	15668730	10238905	447.874	415.526
7)	L1 AR-1016-5	6.303	5.537	15177360	12520761	438.764	414.652
31)	L7 AR-1260-1	7.425	6.577	28823460	24217400	459.460	422.682
32)	L7 AR-1260-2	7.679	6.764	33983018	28802749	448.738	437.220
33)	L7 AR-1260-3	8.038	6.920	24216030	26774594	369.138	415.860
34)	L7 AR-1260-4	8.271	7.394	26207914	20094883	395.828	358.758
35)	L7 AR-1260-5	8.602	7.633	49778839	45496721	397.720	370.454

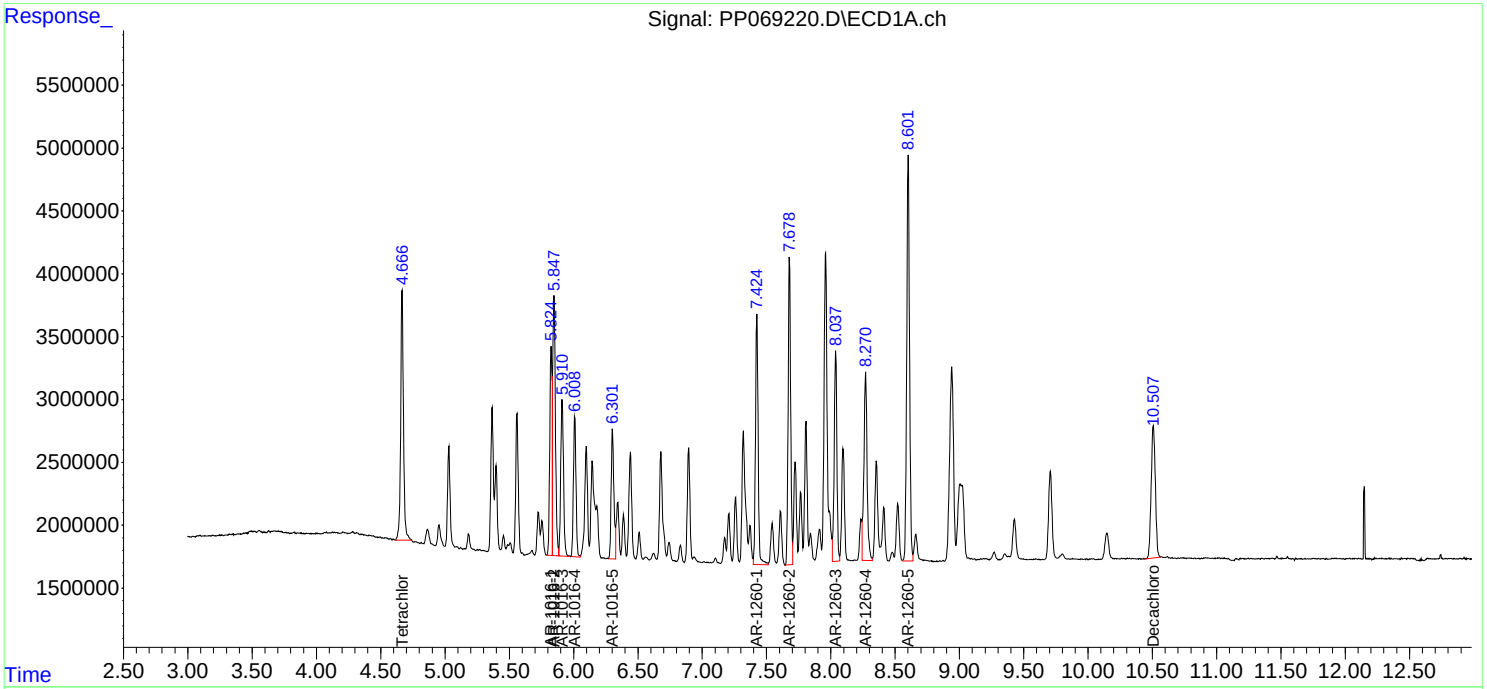
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

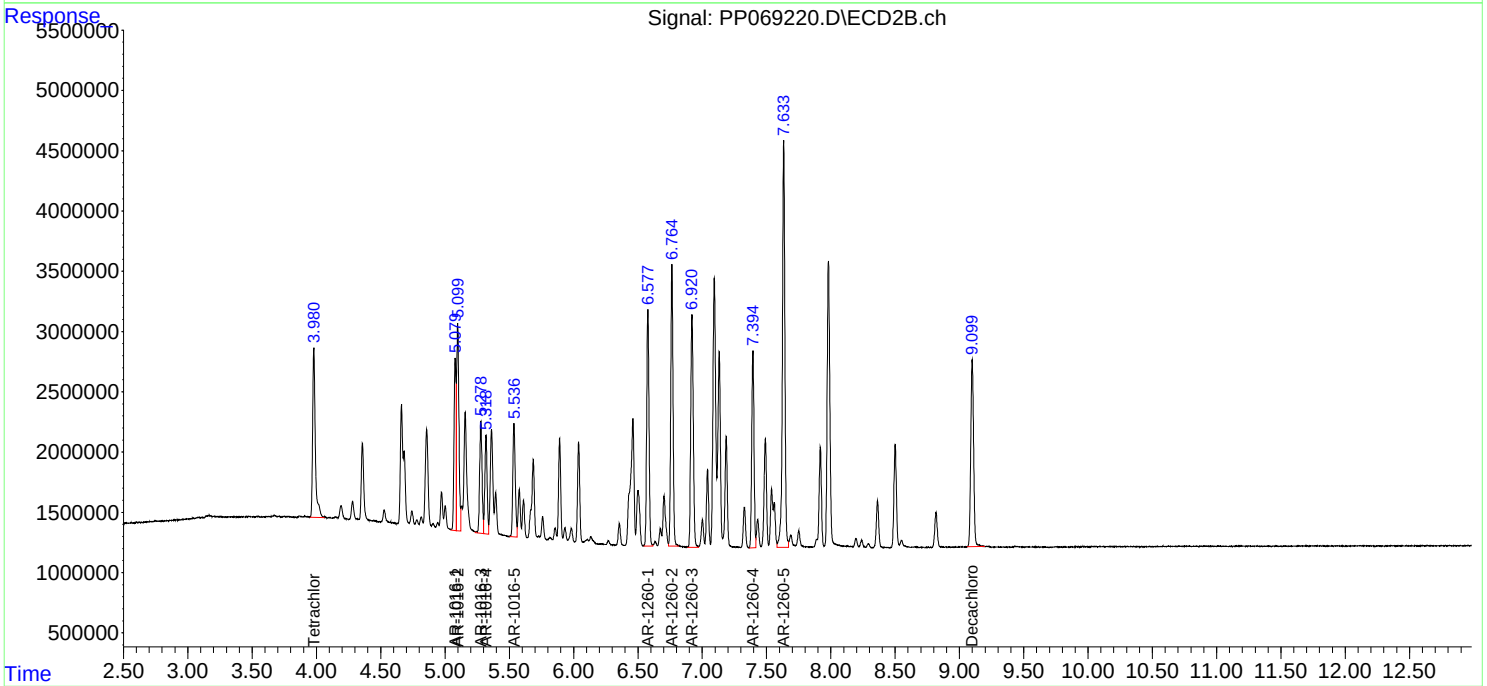
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012025\
Data File : PP069220.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jan 2025 10:37
Operator : YP\AJ
Sample : PB166124BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

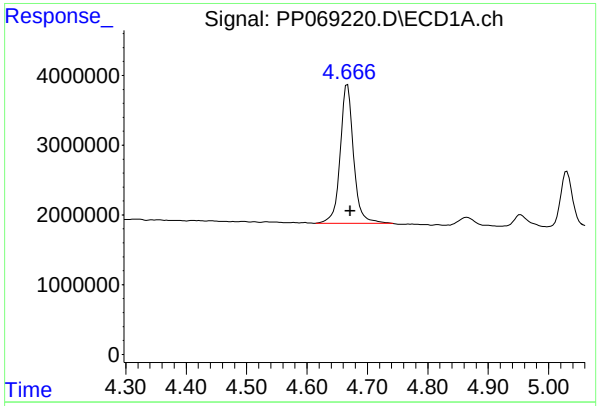
Instrument :
ECD_P
ClientSampleId :
PB166124BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 20 11:28:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 11:05:55 2025
Response via : Initial Calibration
Integrator: ChemStation

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



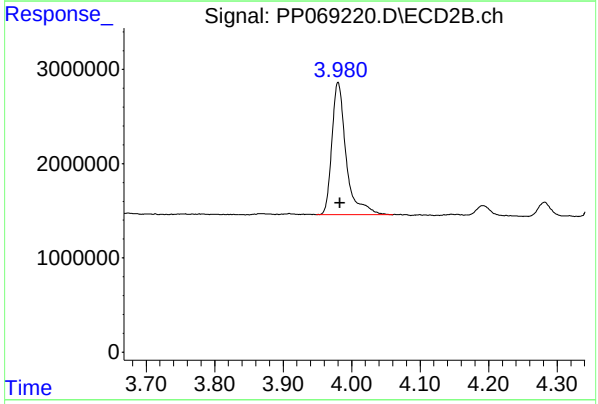




#1 Tetrachloro-m-xylene

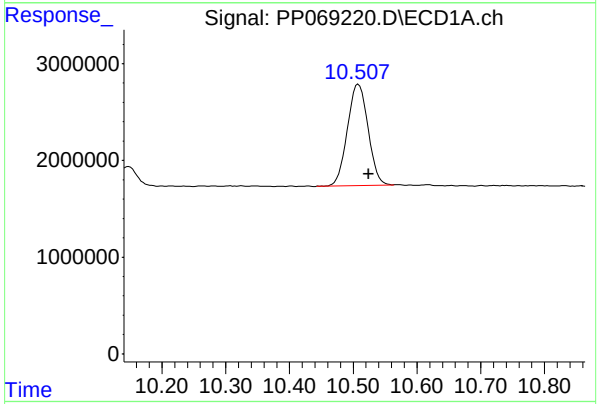
R.T.: 4.667 min
Delta R.T.: -0.005 min
Response: 30527396
Conc: 21.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166124BS



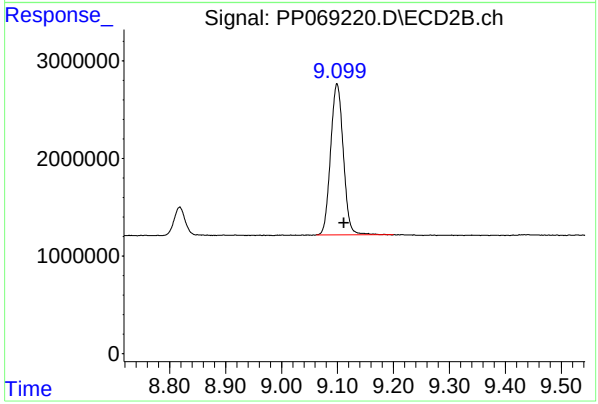
#1 Tetrachloro-m-xylene

R.T.: 3.980 min
Delta R.T.: -0.003 min
Response: 20344054
Conc: 20.84 ng/ml



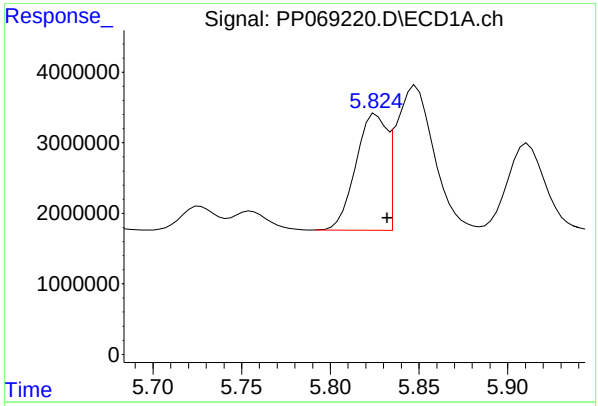
#2 Decachlorobiphenyl

R.T.: 10.508 min
Delta R.T.: -0.016 min
Response: 23616002
Conc: 21.15 ng/ml



#2 Decachlorobiphenyl

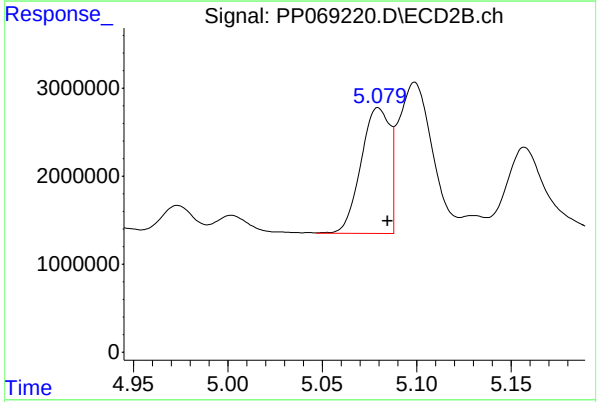
R.T.: 9.099 min
Delta R.T.: -0.012 min
Response: 24420550
Conc: 20.33 ng/ml



#3 AR-1016-1

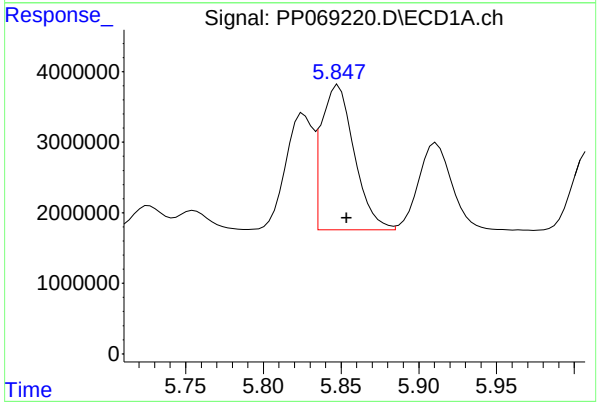
R.T.: 5.826 min
Delta R.T.: -0.006 min
Response: 20030864
Conc: 446.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166124BS



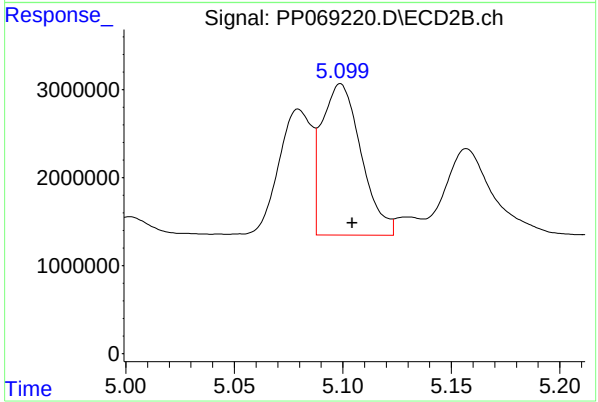
#3 AR-1016-1

R.T.: 5.080 min
Delta R.T.: -0.005 min
Response: 15151670
Conc: 447.84 ng/ml



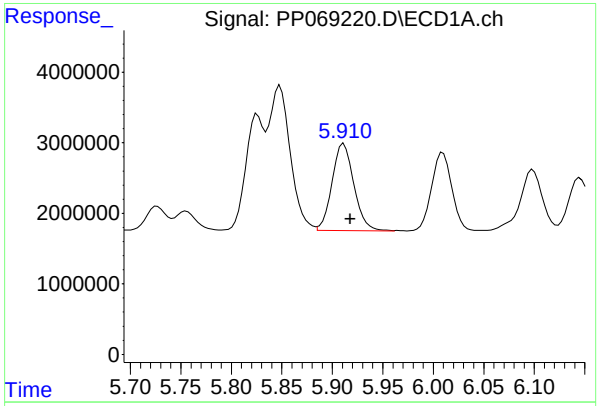
#4 AR-1016-2

R.T.: 5.848 min
Delta R.T.: -0.005 min
Response: 30407053
Conc: 452.39 ng/ml



#4 AR-1016-2

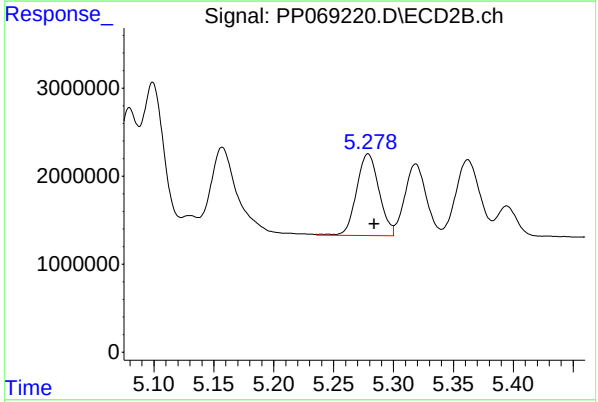
R.T.: 5.099 min
Delta R.T.: -0.005 min
Response: 21771478
Conc: 432.55 ng/ml



#5 AR-1016-3

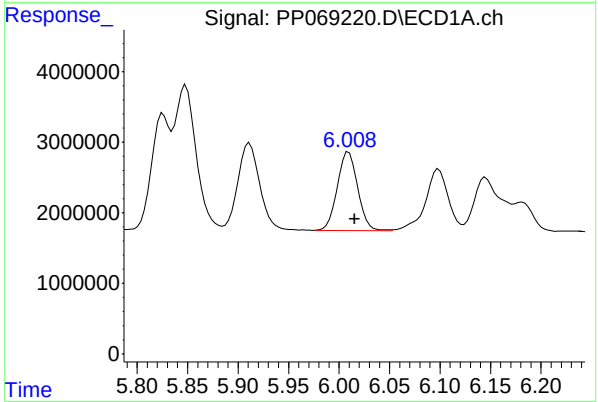
R.T.: 5.911 min
Delta R.T.: -0.007 min
Response: 18582423
Conc: 440.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166124BS



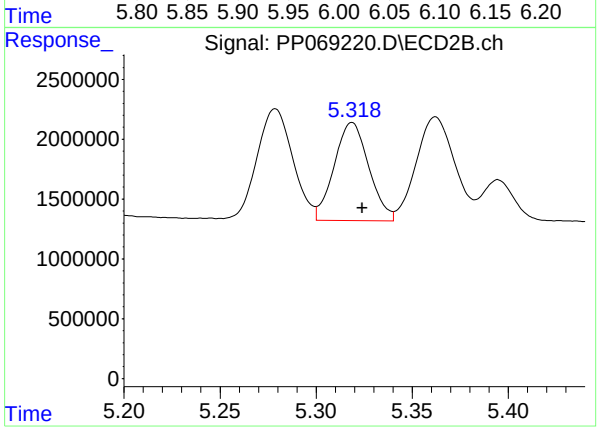
#5 AR-1016-3

R.T.: 5.279 min
Delta R.T.: -0.005 min
Response: 12136828
Conc: 447.91 ng/ml



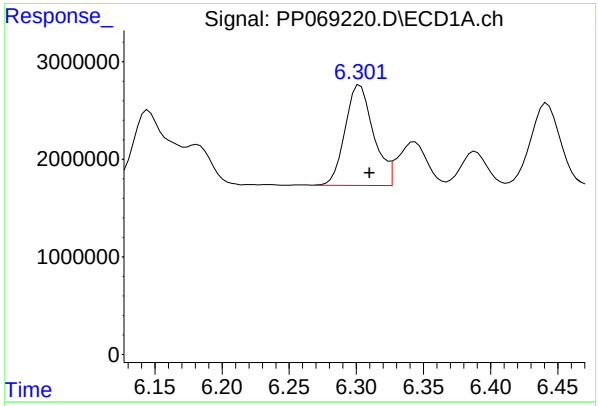
#6 AR-1016-4

R.T.: 6.010 min
Delta R.T.: -0.006 min
Response: 15668730
Conc: 447.87 ng/ml



#6 AR-1016-4

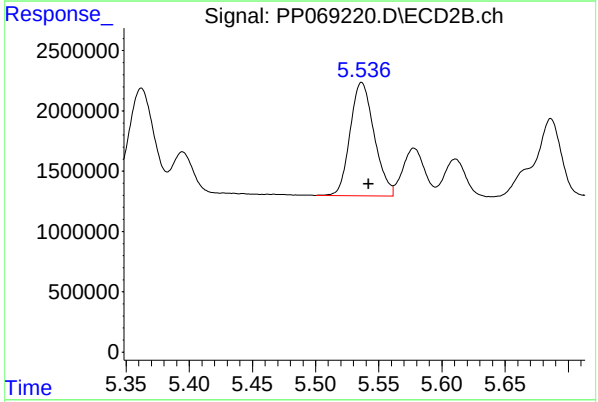
R.T.: 5.319 min
Delta R.T.: -0.005 min
Response: 10238905
Conc: 415.53 ng/ml



#7 AR-1016-5

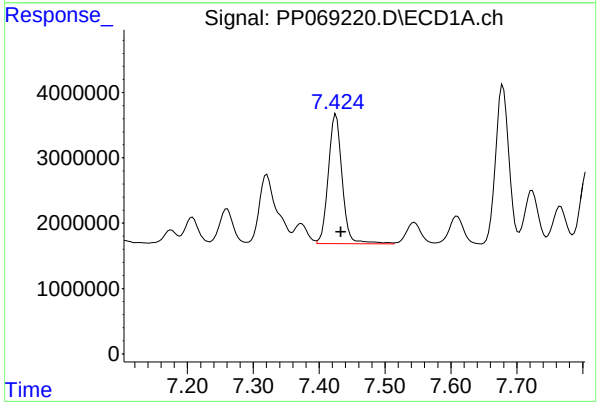
R.T.: 6.303 min
Delta R.T.: -0.007 min
Response: 15177360
Conc: 438.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166124BS



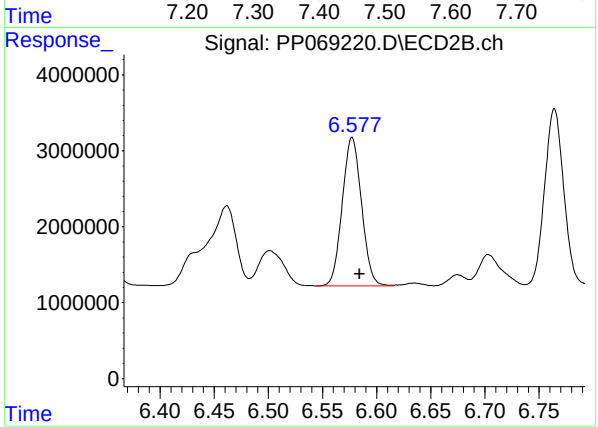
#7 AR-1016-5

R.T.: 5.537 min
Delta R.T.: -0.005 min
Response: 12520761
Conc: 414.65 ng/ml



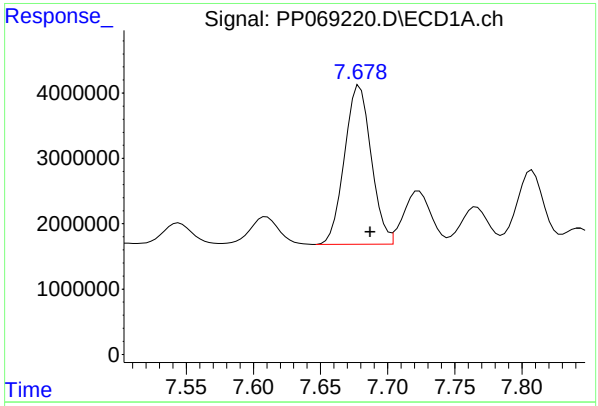
#31 AR-1260-1

R.T.: 7.425 min
Delta R.T.: -0.008 min
Response: 28823460
Conc: 459.46 ng/ml



#31 AR-1260-1

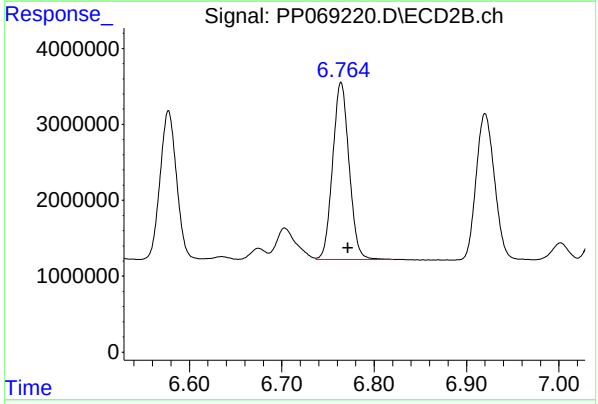
R.T.: 6.577 min
Delta R.T.: -0.007 min
Response: 24217400
Conc: 422.68 ng/ml



#32 AR-1260-2

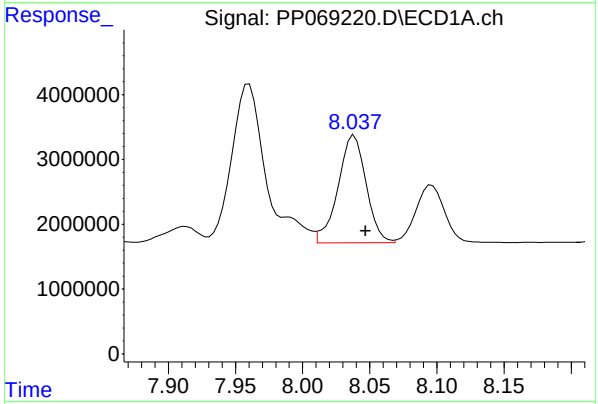
R.T.: 7.679 min
Delta R.T.: -0.008 min
Response: 33983018
Conc: 448.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166124BS



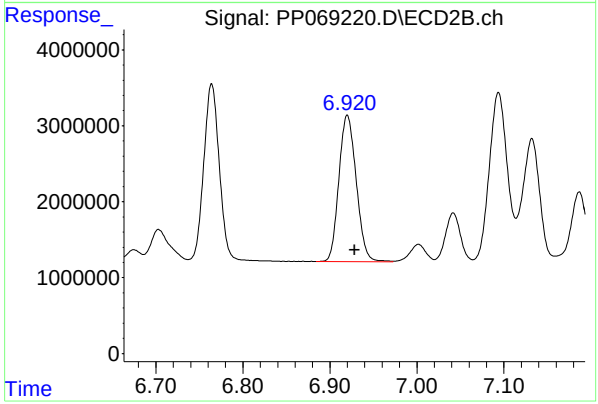
#32 AR-1260-2

R.T.: 6.764 min
Delta R.T.: -0.007 min
Response: 28802749
Conc: 437.22 ng/ml



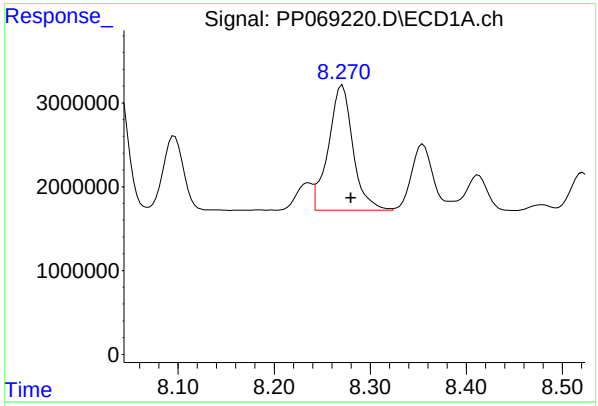
#33 AR-1260-3

R.T.: 8.038 min
Delta R.T.: -0.009 min
Response: 24216030
Conc: 369.14 ng/ml



#33 AR-1260-3

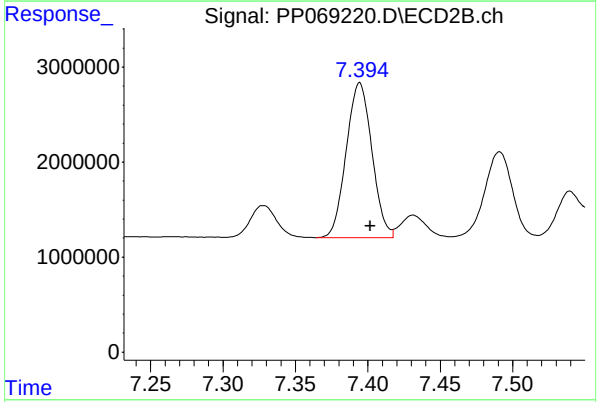
R.T.: 6.920 min
Delta R.T.: -0.008 min
Response: 26774594
Conc: 415.86 ng/ml



#34 AR-1260-4

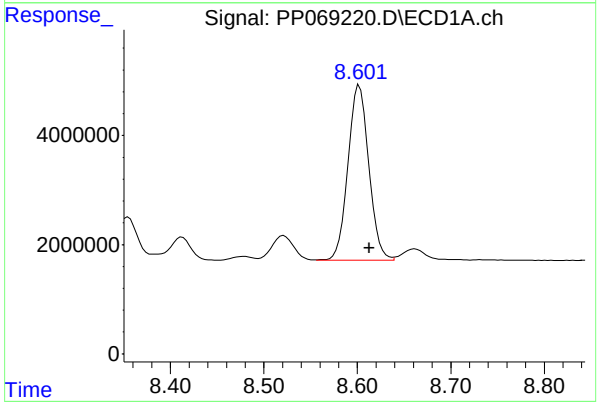
R.T.: 8.271 min
Delta R.T.: -0.009 min
Response: 26207914
Conc: 395.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166124BS



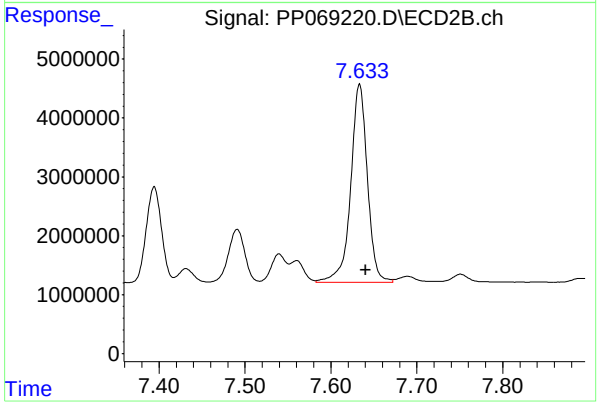
#34 AR-1260-4

R.T.: 7.394 min
Delta R.T.: -0.007 min
Response: 20094883
Conc: 358.76 ng/ml



#35 AR-1260-5

R.T.: 8.602 min
Delta R.T.: -0.011 min
Response: 49778839
Conc: 397.72 ng/ml



#35 AR-1260-5

R.T.: 7.633 min
Delta R.T.: -0.007 min
Response: 45496721
Conc: 370.45 ng/ml

Raw Data: **PP069221.D**

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	PB166124BSD	SDG No.:	Q1122
Lab Sample ID:	PB166124BSD	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069221.D	1	01/17/25 11:30	01/20/25 10:54	PB166124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	4.60		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
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
11096-82-5	Aroclor-1260	4.10		0.15	0.40	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	21.9		35 - 137		110%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.6		40 - 135		108%	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\PP012025\
Data File : PP069221.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jan 2025 10:54
Operator : YP\AJ
Sample : PB166124BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB166124BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 20 11:29:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 11:05:55 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.669	3.980	30502546	20931388	21.924	21.442
2)	SA Decachlor...	10.510	9.099	24057540	25141086	21.548	20.928
	Target Compounds						
3)	L1 AR-1016-1	5.829	5.079	20053410	15673167	447.263	463.255
4)	L1 AR-1016-2	5.850	5.099	31214924	22003221	464.413	437.157
5)	L1 AR-1016-3	5.914	5.278	19303871	12300738	457.562	453.956
6)	L1 AR-1016-4	6.011	5.318	16183004	10415009	462.574	422.673
7)	L1 AR-1016-5	6.305	5.536	15483955	12617530	447.627	417.857
31)	L7 AR-1260-1	7.427	6.577	27954004	24797612	445.600	432.809
32)	L7 AR-1260-2	7.681	6.764	33824457	29342823	446.644	445.419
33)	L7 AR-1260-3	8.040	6.919	24112132	27018447	367.554	419.647
34)	L7 AR-1260-4	8.273	7.394	26487625	20189961	400.052	360.455
35)	L7 AR-1260-5	8.605	7.632	49572029	46297565	396.068	376.975

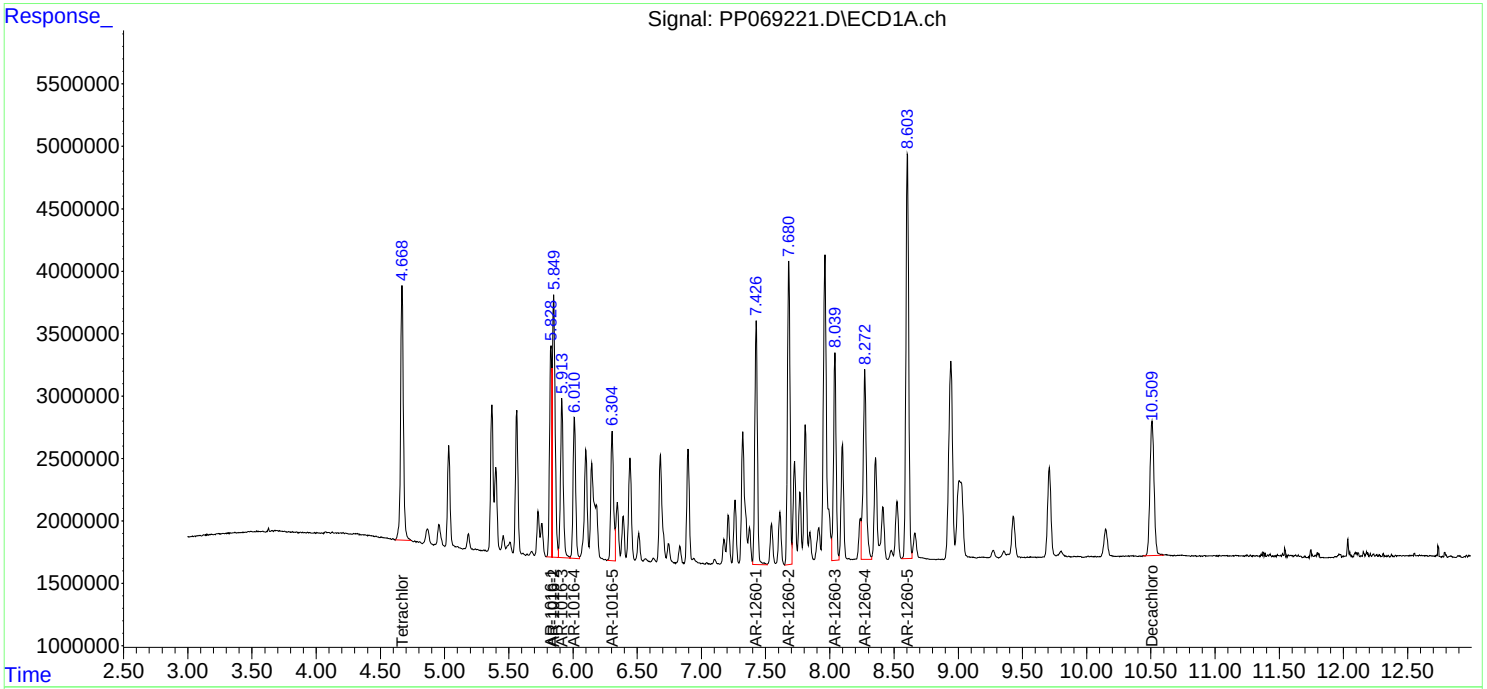
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

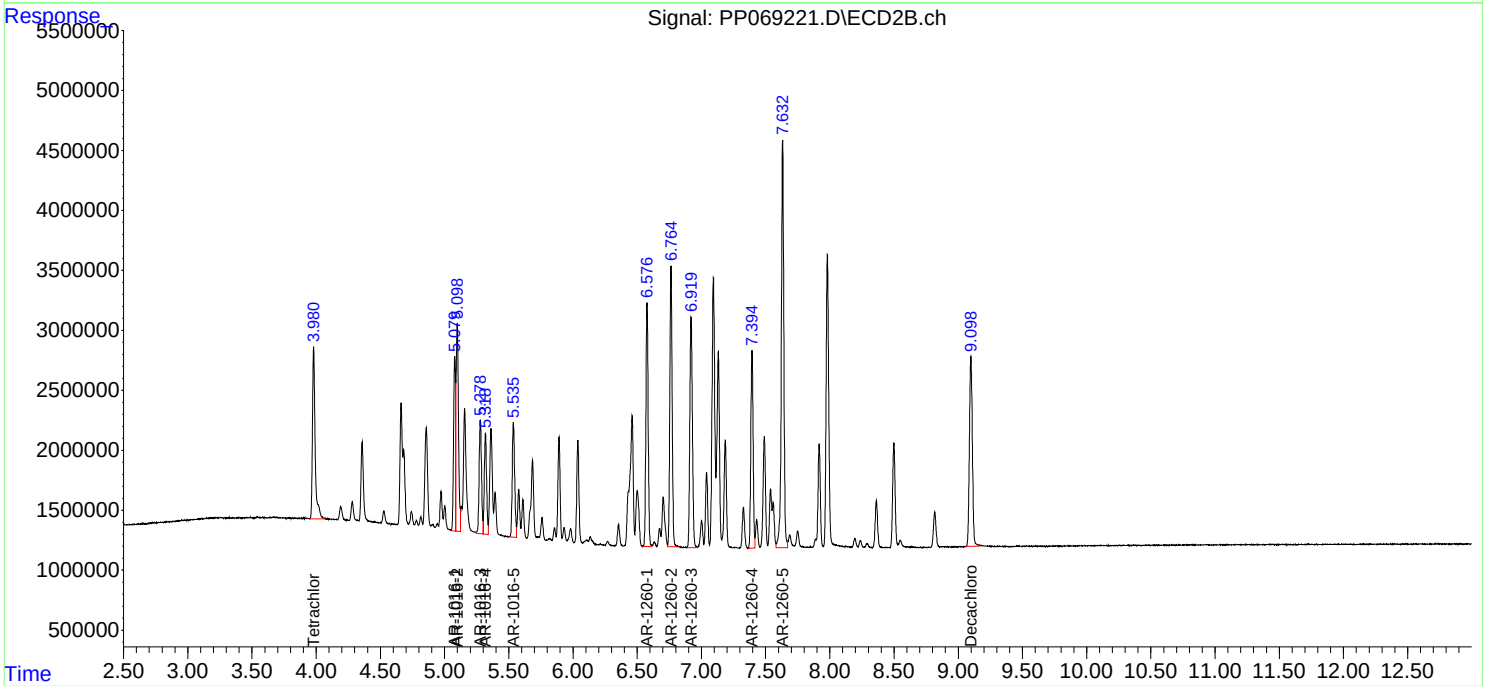
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012025\
Data File : PP069221.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jan 2025 10:54
Operator : YP\AJ
Sample : PB166124BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

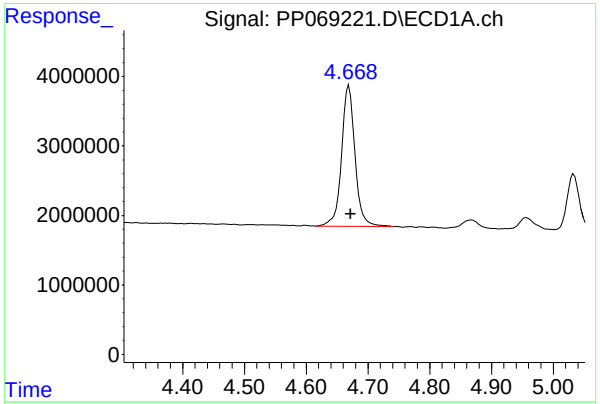
Instrument :
ECD_P
ClientSampleId :
PB166124BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 20 11:29:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 11:05:55 2025
Response via : Initial Calibration
Integrator: ChemStation

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



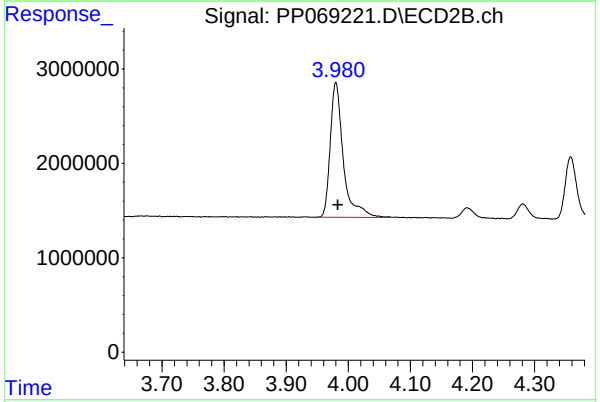




#1 Tetrachloro-m-xylene

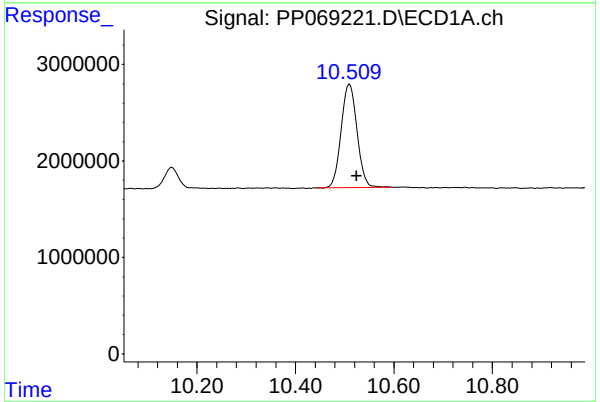
R.T.: 4.669 min
Delta R.T.: -0.003 min
Response: 30502546
Conc: 21.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166124BSD



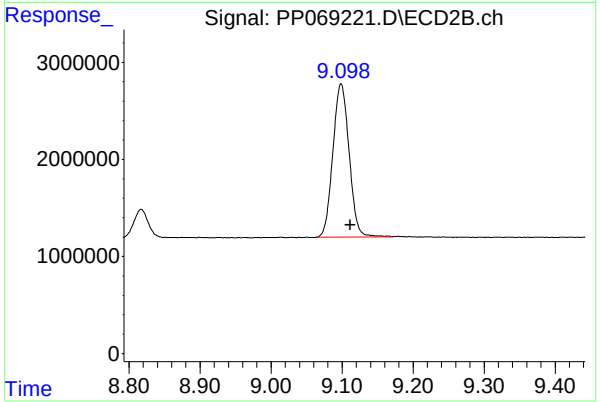
#1 Tetrachloro-m-xylene

R.T.: 3.980 min
Delta R.T.: -0.003 min
Response: 20931388
Conc: 21.44 ng/ml



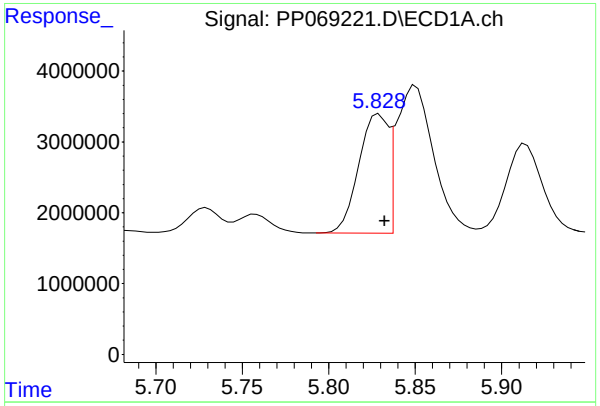
#2 Decachlorobiphenyl

R.T.: 10.510 min
Delta R.T.: -0.014 min
Response: 24057540
Conc: 21.55 ng/ml



#2 Decachlorobiphenyl

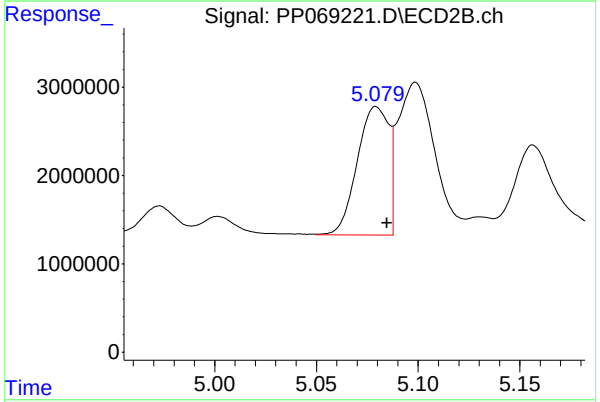
R.T.: 9.099 min
Delta R.T.: -0.013 min
Response: 25141086
Conc: 20.93 ng/ml



#3 AR-1016-1

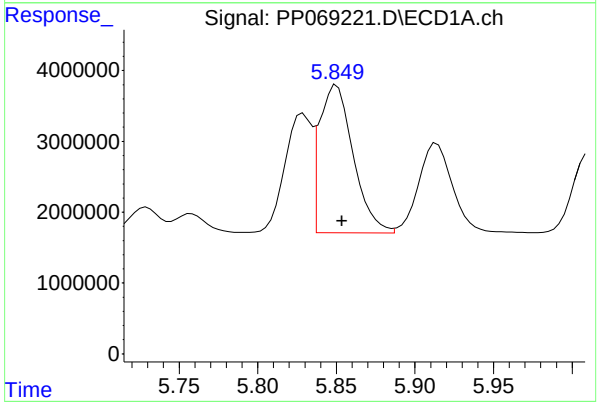
R.T.: 5.829 min
Delta R.T.: -0.003 min
Response: 20053410
Conc: 447.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166124BSD



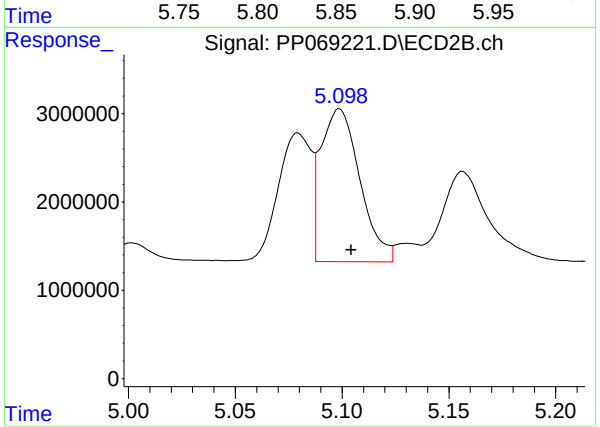
#3 AR-1016-1

R.T.: 5.079 min
Delta R.T.: -0.005 min
Response: 15673167
Conc: 463.25 ng/ml



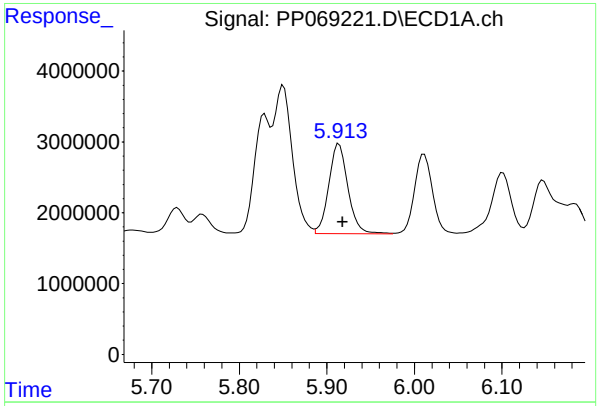
#4 AR-1016-2

R.T.: 5.850 min
Delta R.T.: -0.003 min
Response: 31214924
Conc: 464.41 ng/ml



#4 AR-1016-2

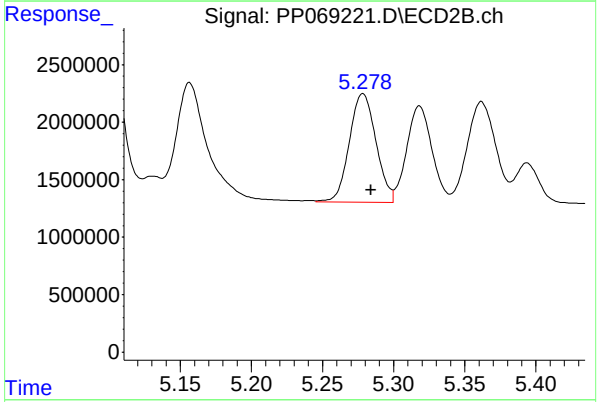
R.T.: 5.099 min
Delta R.T.: -0.006 min
Response: 22003221
Conc: 437.16 ng/ml



#5 AR-1016-3

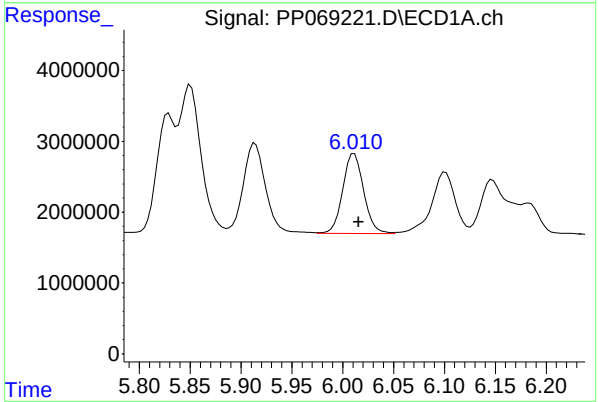
R.T.: 5.914 min
Delta R.T.: -0.004 min
Response: 19303871
Conc: 457.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166124BSD



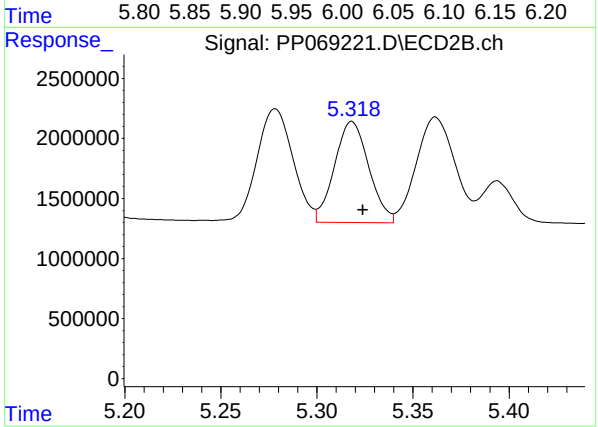
#5 AR-1016-3

R.T.: 5.278 min
Delta R.T.: -0.006 min
Response: 12300738
Conc: 453.96 ng/ml



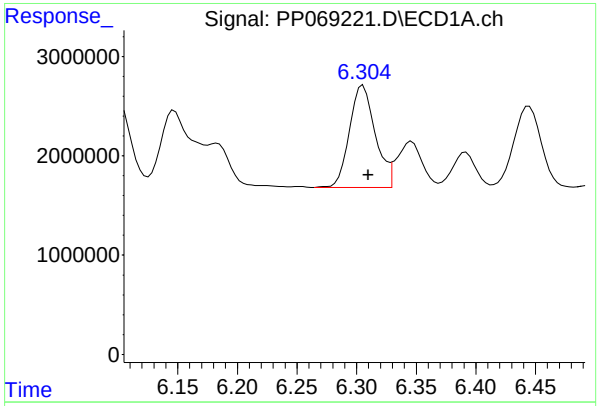
#6 AR-1016-4

R.T.: 6.011 min
Delta R.T.: -0.004 min
Response: 16183004
Conc: 462.57 ng/ml



#6 AR-1016-4

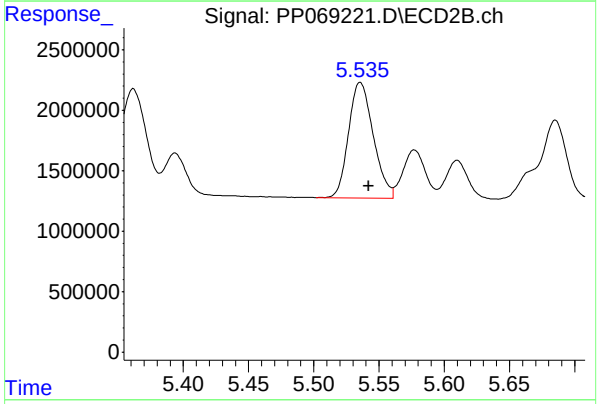
R.T.: 5.318 min
Delta R.T.: -0.006 min
Response: 10415009
Conc: 422.67 ng/ml



#7 AR-1016-5

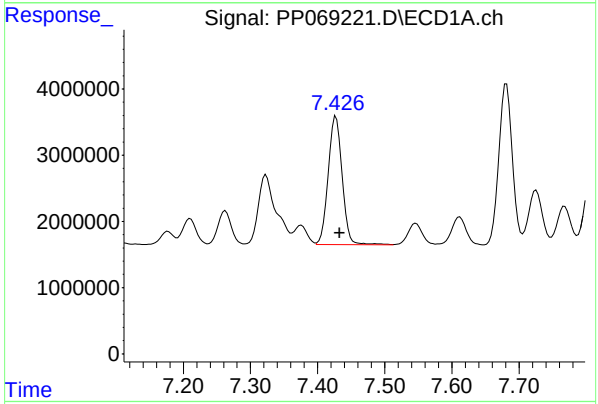
R.T.: 6.305 min
Delta R.T.: -0.004 min
Response: 15483955
Conc: 447.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166124BSD



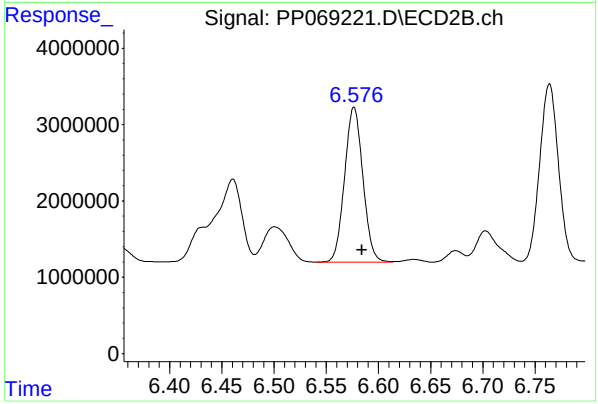
#7 AR-1016-5

R.T.: 5.536 min
Delta R.T.: -0.006 min
Response: 12617530
Conc: 417.86 ng/ml



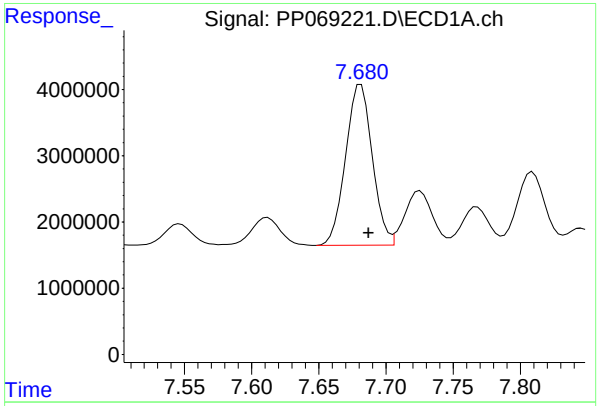
#31 AR-1260-1

R.T.: 7.427 min
Delta R.T.: -0.006 min
Response: 27954004
Conc: 445.60 ng/ml



#31 AR-1260-1

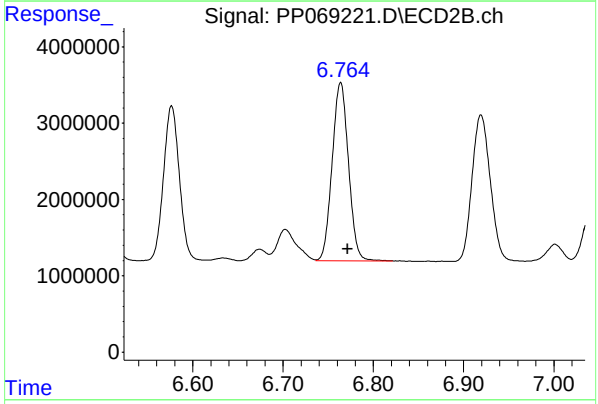
R.T.: 6.577 min
Delta R.T.: -0.008 min
Response: 24797612
Conc: 432.81 ng/ml



#32 AR-1260-2

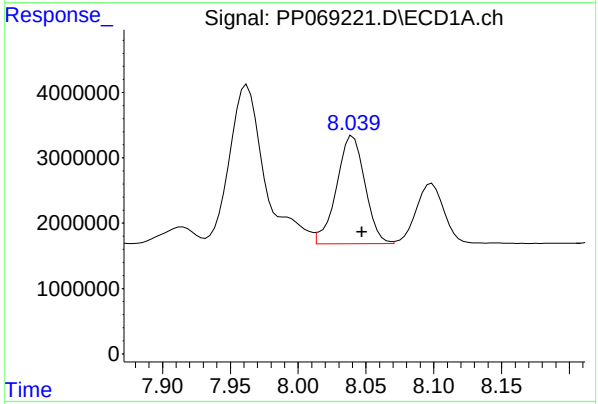
R.T.: 7.681 min
Delta R.T.: -0.006 min
Response: 33824457
Conc: 446.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166124BSD



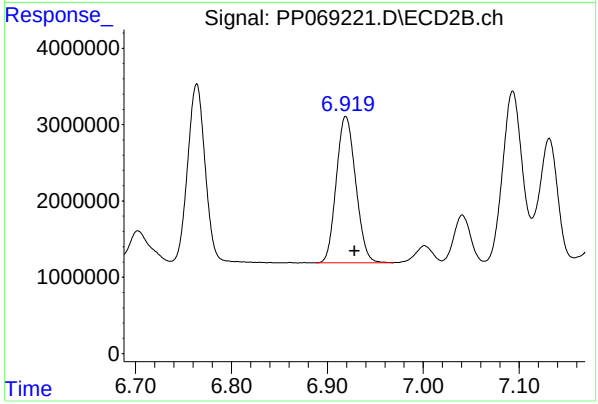
#32 AR-1260-2

R.T.: 6.764 min
Delta R.T.: -0.008 min
Response: 29342823
Conc: 445.42 ng/ml



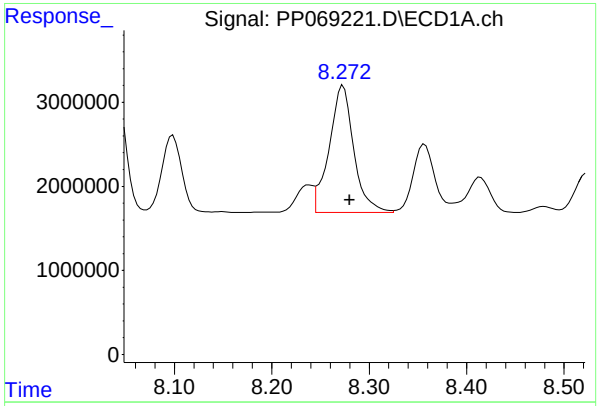
#33 AR-1260-3

R.T.: 8.040 min
Delta R.T.: -0.007 min
Response: 24112132
Conc: 367.55 ng/ml



#33 AR-1260-3

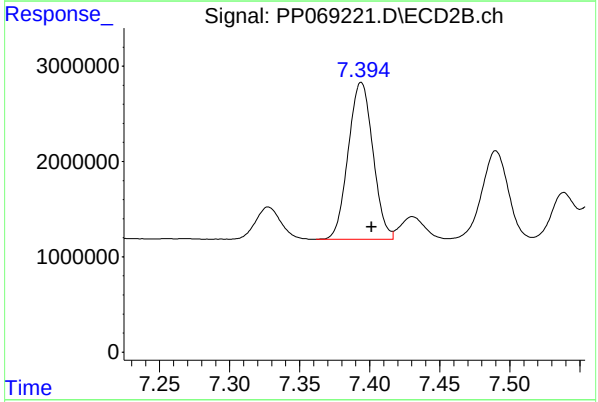
R.T.: 6.919 min
Delta R.T.: -0.009 min
Response: 27018447
Conc: 419.65 ng/ml



#34 AR-1260-4

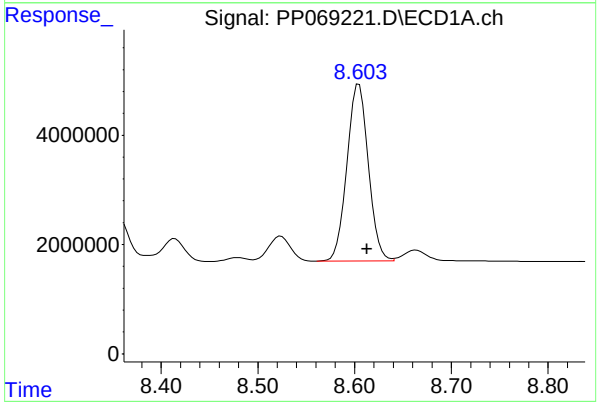
R.T.: 8.273 min
Delta R.T.: -0.007 mi
Response: 26487625
Conc: 400.05 ng/m

Instrument :
ECD_P
ClientSampleId :
PB166124BSD



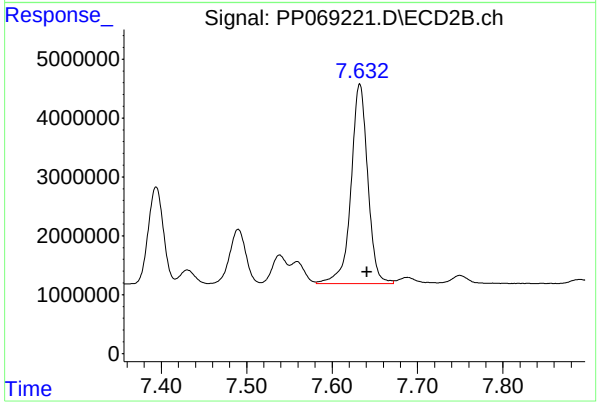
#34 AR-1260-4

R.T.: 7.394 min
Delta R.T.: -0.008 min
Response: 20189961
Conc: 360.46 ng/ml



#35 AR-1260-5

R.T.: 8.605 min
Delta R.T.: -0.008 min
Response: 49572029
Conc: 396.07 ng/ml



#35 AR-1260-5

R.T.: 7.632 min
Delta R.T.: -0.008 min
Response: 46297565
Conc: 376.97 ng/ml

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

Manual Integration Report

Sequence:	PP010625	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PP068919.D	AR-1016-1	yogesh	1/7/2025 7:49:16 AM	Ankita	1/7/2025 10:28:17	Peak Integrated by Software
AR1660ICC050	PP068919.D	AR-1016-2	yogesh	1/7/2025 7:49:16 AM	Ankita	1/7/2025 10:28:17	Peak Integrated by Software
AR1254ICC1000	PP068932.D	AR-1254-1	yogesh	1/7/2025 7:49:22 AM	Ankita	1/7/2025 10:28:23	Peak Integrated by Software
AR1254ICC1000	PP068932.D	AR-1254-5	yogesh	1/7/2025 7:49:22 AM	Ankita	1/7/2025 10:28:23	Peak Integrated by Software
AR1254ICC750	PP068933.D	AR-1254-1	yogesh	1/7/2025 7:49:24 AM	Ankita	1/7/2025 10:28:24	Peak Integrated by Software
AR1254ICC750	PP068933.D	AR-1254-5	yogesh	1/7/2025 7:49:24 AM	Ankita	1/7/2025 10:28:24	Peak Integrated by Software
AR1254ICC500	PP068934.D	AR-1254-1	yogesh	1/7/2025 7:49:26 AM	Ankita	1/7/2025 10:28:26	Peak Integrated by Software
AR1254ICC500	PP068934.D	AR-1254-5	yogesh	1/7/2025 7:49:26 AM	Ankita	1/7/2025 10:28:26	Peak Integrated by Software
AR1254ICC250	PP068935.D	AR-1254-1	yogesh	1/7/2025 7:49:27 AM	Ankita	1/7/2025 10:28:27	Peak Integrated by Software
AR1254ICC250	PP068935.D	AR-1254-5	yogesh	1/7/2025 7:49:27 AM	Ankita	1/7/2025 10:28:27	Peak Integrated by Software
AR1254ICC050	PP068936.D	AR-1254-1	yogesh	1/7/2025 7:49:29 AM	Ankita	1/7/2025 10:28:29	Peak Integrated by Software
AR1254ICC050	PP068936.D	AR-1254-5	yogesh	1/7/2025 7:49:29 AM	Ankita	1/7/2025 10:28:29	Peak Integrated by Software
AR1262ICC500	PP068937.D	AR-1262-3	yogesh	1/7/2025 7:49:31 AM	Ankita	1/7/2025 10:28:31	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PP010625	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1268ICC1000	PP068938.D	AR-1268-1	yogesh	1/7/2025 7:49:33 AM	Ankita	1/7/2025 10:28:32	Peak Integrated by Software
AR1268ICC1000	PP068938.D	AR-1268-1 #2	yogesh	1/7/2025 7:49:33 AM	Ankita	1/7/2025 10:28:32	Peak Integrated by Software
AR1268ICC750	PP068939.D	AR-1268-1	yogesh	1/7/2025 7:49:34 AM	Ankita	1/7/2025 10:28:34	Peak Integrated by Software
AR1268ICC750	PP068939.D	AR-1268-1 #2	yogesh	1/7/2025 7:49:34 AM	Ankita	1/7/2025 10:28:34	Peak Integrated by Software
AR1268ICC500	PP068940.D	AR-1268-1	yogesh	1/7/2025 7:49:36 AM	Ankita	1/7/2025 10:28:36	Peak Integrated by Software
AR1268ICC500	PP068940.D	AR-1268-1 #2	yogesh	1/7/2025 7:49:36 AM	Ankita	1/7/2025 10:28:36	Peak Integrated by Software
AR1268ICC250	PP068941.D	AR-1268-1	yogesh	1/7/2025 7:49:38 AM	Ankita	1/7/2025 10:28:37	Peak Integrated by Software
AR1268ICC250	PP068941.D	AR-1268-1 #2	yogesh	1/7/2025 7:49:38 AM	Ankita	1/7/2025 10:28:37	Peak Integrated by Software
AR1268ICC050	PP068942.D	AR-1268-1	yogesh	1/7/2025 7:49:40 AM	Ankita	1/7/2025 10:28:40	Peak Integrated by Software
AR1268ICC050	PP068942.D	AR-1268-1 #2	yogesh	1/7/2025 7:49:40 AM	Ankita	1/7/2025 10:28:40	Peak Integrated by Software
AR1254ICV500	PP068946.D	AR-1254-1	yogesh	1/7/2025 7:49:41 AM	Ankita	1/7/2025 10:28:57	Peak Integrated by Software
AR1254ICV500	PP068946.D	AR-1254-5	yogesh	1/7/2025 7:49:41 AM	Ankita	1/7/2025 10:28:57	Peak Integrated by Software
AR1268ICV500	PP068947.D	AR-1268-1	yogesh	1/7/2025 7:49:43 AM	Ankita	1/7/2025 10:28:59	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PP010625	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1268ICV500	PP068947.D	AR-1268-1 #2	yogesh	1/7/2025 7:49:43 AM	Ankita	1/7/2025 10:28:59	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PP012025	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PP069217.D	AR-1254-1	yogesh	1/21/2025 8:42:02 AM	Ankita	1/21/2025 8:42:27	Peak Integrated by Software
AR1254CCC500	PP069232.D	AR-1254-1	yogesh	1/21/2025 8:42:05 AM	Ankita	1/21/2025 8:42:30	Peak Integrated by Software
AR1254CCC500	PP069232.D	AR-1254-5	yogesh	1/21/2025 8:42:05 AM	Ankita	1/21/2025 8:42:30	Peak Integrated by Software
AR1254CCC500	PP069241.D	AR-1254-1	yogesh	1/21/2025 8:42:12 AM	Ankita	1/21/2025 8:42:35	Peak Integrated by Software
AR1254CCC500	PP069241.D	AR-1254-5	yogesh	1/21/2025 8:42:12 AM	Ankita	1/21/2025 8:42:35	Peak Integrated by Software

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 # PP010625

Review By	yogesh	Review On	1/7/2025 7:49:59 AM		
Supervise By	Ankita	Supervise On	1/7/2025 10:29:04 AM		
SubDirectory	PP010625	HP Acquire Method		HP Processing Method	PP010625

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	PP068913.D	06 Jan 2025 19:24	YP\AJ	Ok
2	I.BLK	PP068914.D	06 Jan 2025 19:41	YP\AJ	Ok
3	AR1660ICC1000	PP068915.D	06 Jan 2025 19:57	YP\AJ	Ok
4	AR1660ICC750	PP068916.D	06 Jan 2025 20:13	YP\AJ	Ok
5	AR1660ICC500	PP068917.D	06 Jan 2025 20:30	YP\AJ	Ok
6	AR1660ICC250	PP068918.D	06 Jan 2025 20:46	YP\AJ	Ok
7	AR1660ICC050	PP068919.D	06 Jan 2025 21:02	YP\AJ	Ok,M
8	AR1221ICC500	PP068920.D	06 Jan 2025 21:19	YP\AJ	Ok
9	AR1232ICC500	PP068921.D	06 Jan 2025 21:35	YP\AJ	Ok
10	AR1242ICC1000	PP068922.D	06 Jan 2025 21:51	YP\AJ	Ok
11	AR1242ICC750	PP068923.D	06 Jan 2025 22:07	YP\AJ	Ok
12	AR1242ICC500	PP068924.D	06 Jan 2025 22:24	YP\AJ	Ok
13	AR1242ICC250	PP068925.D	06 Jan 2025 22:40	YP\AJ	Ok
14	AR1242ICC050	PP068926.D	06 Jan 2025 22:56	YP\AJ	Ok
15	AR1248ICC1000	PP068927.D	06 Jan 2025 23:12	YP\AJ	Ok
16	AR1248ICC750	PP068928.D	06 Jan 2025 23:29	YP\AJ	Ok
17	AR1248ICC500	PP068929.D	06 Jan 2025 23:45	YP\AJ	Ok
18	AR1248ICC250	PP068930.D	07 Jan 2025 00:01	YP\AJ	Ok
19	AR1248ICC050	PP068931.D	07 Jan 2025 00:17	YP\AJ	Ok
20	AR1254ICC1000	PP068932.D	07 Jan 2025 00:34	YP\AJ	Ok,M
21	AR1254ICC750	PP068933.D	07 Jan 2025 00:50	YP\AJ	Ok,M

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP010625

Review By	yogesh	Review On	1/7/2025 7:49:59 AM		
Supervise By	Ankita	Supervise On	1/7/2025 10:29:04 AM		
SubDirectory	PP010625	HP Acquire Method		HP Processing Method	PP010625

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	AR1254ICC500	PP068934.D	07 Jan 2025 01:06	YP\AJ	Ok,M
23	AR1254ICC250	PP068935.D	07 Jan 2025 01:22	YP\AJ	Ok,M
24	AR1254ICC050	PP068936.D	07 Jan 2025 01:39	YP\AJ	Ok,M
25	AR1262ICC500	PP068937.D	07 Jan 2025 01:55	YP\AJ	Ok,M
26	AR1268ICC1000	PP068938.D	07 Jan 2025 02:11	YP\AJ	Ok,M
27	AR1268ICC750	PP068939.D	07 Jan 2025 02:27	YP\AJ	Ok,M
28	AR1268ICC500	PP068940.D	07 Jan 2025 02:44	YP\AJ	Ok,M
29	AR1268ICC250	PP068941.D	07 Jan 2025 03:00	YP\AJ	Ok,M
30	AR1268ICC050	PP068942.D	07 Jan 2025 03:16	YP\AJ	Ok,M
31	PP010625ICV500	PP068943.D	07 Jan 2025 03:32	YP\AJ	Ok
32	AR1242ICV500	PP068944.D	07 Jan 2025 03:48	YP\AJ	Ok
33	AR1248ICV500	PP068945.D	07 Jan 2025 04:05	YP\AJ	Ok
34	AR1254ICV500	PP068946.D	07 Jan 2025 04:21	YP\AJ	Ok,M
35	AR1268ICV500	PP068947.D	07 Jan 2025 04:37	YP\AJ	Ok,M

M : Manual Integration

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP012025

Review By	yogesh	Review On	1/21/2025 8:42:23 AM		
Supervise By	Ankita	Supervise On	1/21/2025 8:42:42 AM		
SubDirectory	PP012025	HP Acquire Method		HP Processing Method	PP010625

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	PP069213.D	20 Jan 2025 08:44	YP\AJ	Ok
2	AR1660CCC500	PP069214.D	20 Jan 2025 09:00	YP\AJ	Ok
3	AR1242CCC500	PP069215.D	20 Jan 2025 09:16	YP\AJ	Ok
4	AR1248CCC500	PP069216.D	20 Jan 2025 09:32	YP\AJ	Ok
5	AR1254CCC500	PP069217.D	20 Jan 2025 09:49	YP\AJ	Ok,M
6	I.BLK	PP069218.D	20 Jan 2025 10:05	YP\AJ	Ok
7	PB166124BL	PP069219.D	20 Jan 2025 10:21	YP\AJ	Ok
8	PB166124BS	PP069220.D	20 Jan 2025 10:37	YP\AJ	Ok
9	PB166124BSD	PP069221.D	20 Jan 2025 10:54	YP\AJ	Ok
10	Q1122-01	PP069222.D	20 Jan 2025 11:10	YP\AJ	Ok
11	PB166127BL	PP069223.D	20 Jan 2025 11:59	YP\AJ	Ok
12	PB166127BS	PP069224.D	20 Jan 2025 12:15	YP\AJ	Ok
13	Q1123-01	PP069225.D	20 Jan 2025 12:31	YP\AJ	Ok
14	Q1132-01	PP069226.D	20 Jan 2025 12:47	YP\AJ	Ok
15	Q1132-04	PP069227.D	20 Jan 2025 13:04	YP\AJ	Ok
16	Q1133-01	PP069228.D	20 Jan 2025 13:20	YP\AJ	Not Ok
17	AR1660CCC500	PP069229.D	20 Jan 2025 15:32	YP\AJ	Ok
18	AR1242CCC500	PP069230.D	20 Jan 2025 15:48	YP\AJ	Ok
19	AR1248CCC500	PP069231.D	20 Jan 2025 16:04	YP\AJ	Ok
20	AR1254CCC500	PP069232.D	20 Jan 2025 16:21	YP\AJ	Ok,M
21	I.BLK	PP069233.D	20 Jan 2025 16:37	YP\AJ	Ok

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP012025

Review By	yogesh	Review On	1/21/2025 8:42:23 AM		
Supervise By	Ankita	Supervise On	1/21/2025 8:42:42 AM		
SubDirectory	PP012025	HP Acquire Method		HP Processing Method	PP010625

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	Q1133-01	PP069234.D	20 Jan 2025 16:53	YP\AJ	Not Ok
23	Q1134-01	PP069235.D	20 Jan 2025 17:09	YP\AJ	Not Ok
24	Q1134-01MS	PP069236.D	20 Jan 2025 17:26	YP\AJ	Not Ok
25	Q1134-01MSD	PP069237.D	20 Jan 2025 17:42	YP\AJ	Not Ok
26	AR1660CCC500	PP069238.D	20 Jan 2025 18:51	YP\AJ	Not Ok
27	AR1242CCC500	PP069239.D	20 Jan 2025 19:08	YP\AJ	Ok
28	AR1248CCC500	PP069240.D	20 Jan 2025 19:24	YP\AJ	Ok
29	AR1254CCC500	PP069241.D	20 Jan 2025 19:40	YP\AJ	Ok,M
30	I.BLK	PP069242.D	20 Jan 2025 19:56	YP\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP010625

Review By	yogesh	Review On	1/7/2025 7:49:59 AM		
Supervise By	Ankita	Supervise On	1/7/2025 10:29:04 AM		
SubDirectory	PP010625	HP Acquire Method		HP Processing Method	PP010625

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	PP068913.D	06 Jan 2025 19:24		YP\AJ	Ok
2	I.BLK	I.BLK	PP068914.D	06 Jan 2025 19:41		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP068915.D	06 Jan 2025 19:57		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP068916.D	06 Jan 2025 20:13		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP068917.D	06 Jan 2025 20:30		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP068918.D	06 Jan 2025 20:46		YP\AJ	Ok
7	AR1660ICC050	AR1660ICC050	PP068919.D	06 Jan 2025 21:02		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP068920.D	06 Jan 2025 21:19		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP068921.D	06 Jan 2025 21:35		YP\AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PP068922.D	06 Jan 2025 21:51		YP\AJ	Ok
11	AR1242ICC750	AR1242ICC750	PP068923.D	06 Jan 2025 22:07		YP\AJ	Ok
12	AR1242ICC500	AR1242ICC500	PP068924.D	06 Jan 2025 22:24		YP\AJ	Ok
13	AR1242ICC250	AR1242ICC250	PP068925.D	06 Jan 2025 22:40		YP\AJ	Ok
14	AR1242ICC050	AR1242ICC050	PP068926.D	06 Jan 2025 22:56		YP\AJ	Ok
15	AR1248ICC1000	AR1248ICC1000	PP068927.D	06 Jan 2025 23:12		YP\AJ	Ok
16	AR1248ICC750	AR1248ICC750	PP068928.D	06 Jan 2025 23:29		YP\AJ	Ok
17	AR1248ICC500	AR1248ICC500	PP068929.D	06 Jan 2025 23:45		YP\AJ	Ok
18	AR1248ICC250	AR1248ICC250	PP068930.D	07 Jan 2025 00:01		YP\AJ	Ok

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP010625

Review By	yogesh	Review On	1/7/2025 7:49:59 AM		
Supervise By	Ankita	Supervise On	1/7/2025 10:29:04 AM		
SubDirectory	PP010625	HP Acquire Method		HP Processing Method	PP010625

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	PP068931.D	07 Jan 2025 00:17		YP\AJ	Ok
20	AR1254ICC1000	AR1254ICC1000	PP068932.D	07 Jan 2025 00:34		YP\AJ	Ok,M
21	AR1254ICC750	AR1254ICC750	PP068933.D	07 Jan 2025 00:50		YP\AJ	Ok,M
22	AR1254ICC500	AR1254ICC500	PP068934.D	07 Jan 2025 01:06		YP\AJ	Ok,M
23	AR1254ICC250	AR1254ICC250	PP068935.D	07 Jan 2025 01:22		YP\AJ	Ok,M
24	AR1254ICC050	AR1254ICC050	PP068936.D	07 Jan 2025 01:39		YP\AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP068937.D	07 Jan 2025 01:55		YP\AJ	Ok,M
26	AR1268ICC1000	AR1268ICC1000	PP068938.D	07 Jan 2025 02:11		YP\AJ	Ok,M
27	AR1268ICC750	AR1268ICC750	PP068939.D	07 Jan 2025 02:27		YP\AJ	Ok,M
28	AR1268ICC500	AR1268ICC500	PP068940.D	07 Jan 2025 02:44		YP\AJ	Ok,M
29	AR1268ICC250	AR1268ICC250	PP068941.D	07 Jan 2025 03:00		YP\AJ	Ok,M
30	AR1268ICC050	AR1268ICC050	PP068942.D	07 Jan 2025 03:16		YP\AJ	Ok,M
31	PP010625ICV500	ICVPP010625	PP068943.D	07 Jan 2025 03:32		YP\AJ	Ok
32	AR1242ICV500	ICVPP010625AR1242	PP068944.D	07 Jan 2025 03:48		YP\AJ	Ok
33	AR1248ICV500	ICVPP010625AR1248	PP068945.D	07 Jan 2025 04:05		YP\AJ	Ok
34	AR1254ICV500	ICVPP010625AR1254	PP068946.D	07 Jan 2025 04:21		YP\AJ	Ok,M
35	AR1268ICV500	ICVPP010625AR1268	PP068947.D	07 Jan 2025 04:37		YP\AJ	Ok,M

M : Manual Integration

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP012025

Review By	yogesh	Review On	1/21/2025 8:42:23 AM		
Supervise By	Ankita	Supervise On	1/21/2025 8:42:42 AM		
SubDirectory	PP012025	HP Acquire Method		HP Processing Method	PP010625

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	PP069213.D	20 Jan 2025 08:44		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP069214.D	20 Jan 2025 09:00		YP\AJ	Ok
3	AR1242CCC500	AR1242CCC500	PP069215.D	20 Jan 2025 09:16		YP\AJ	Ok
4	AR1248CCC500	AR1248CCC500	PP069216.D	20 Jan 2025 09:32		YP\AJ	Ok
5	AR1254CCC500	AR1254CCC500	PP069217.D	20 Jan 2025 09:49		YP\AJ	Ok,M
6	I.BLK	I.BLK	PP069218.D	20 Jan 2025 10:05		YP\AJ	Ok
7	PB166124BL	PB166124BL	PP069219.D	20 Jan 2025 10:21		YP\AJ	Ok
8	PB166124BS	PB166124BS	PP069220.D	20 Jan 2025 10:37		YP\AJ	Ok
9	PB166124BSD	PB166124BSD	PP069221.D	20 Jan 2025 10:54		YP\AJ	Ok
10	Q1122-01	RW10A-20250116	PP069222.D	20 Jan 2025 11:10		YP\AJ	Ok
11	PB166127BL	PB166127BL	PP069223.D	20 Jan 2025 11:59		YP\AJ	Ok
12	PB166127BS	PB166127BS	PP069224.D	20 Jan 2025 12:15		YP\AJ	Ok
13	Q1123-01	BU-03-1172025	PP069225.D	20 Jan 2025 12:31		YP\AJ	Ok
14	Q1132-01	HD-1-011725	PP069226.D	20 Jan 2025 12:47		YP\AJ	Ok
15	Q1132-04	HD-2-011725	PP069227.D	20 Jan 2025 13:04		YP\AJ	Ok
16	Q1133-01	TR-04-1172025	PP069228.D	20 Jan 2025 13:20	Reanalysed in PP069234.D	YP\AJ	Not Ok
17	AR1660CCC500	AR1660CCC500	PP069229.D	20 Jan 2025 15:32		YP\AJ	Ok
18	AR1242CCC500	AR1242CCC500	PP069230.D	20 Jan 2025 15:48		YP\AJ	Ok

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP012025

Review By	yogesh	Review On	1/21/2025 8:42:23 AM		
Supervise By	Ankita	Supervise On	1/21/2025 8:42:42 AM		
SubDirectory	PP012025	HP Acquire Method		HP Processing Method	PP010625

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	PP069231.D	20 Jan 2025 16:04		YP\AJ	Ok
20	AR1254CCC500	AR1254CCC500	PP069232.D	20 Jan 2025 16:21		YP\AJ	Ok,M
21	I.BLK	I.BLK	PP069233.D	20 Jan 2025 16:37		YP\AJ	Ok
22	Q1133-01	TR-04-1172025	PP069234.D	20 Jan 2025 16:53	AR1254 Hit, Closing CCC fail	YP\AJ	Not Ok
23	Q1134-01	EO-1-011725	PP069235.D	20 Jan 2025 17:09	Closing CCC fail	YP\AJ	Not Ok
24	Q1134-01MS	EO-1-011725MS	PP069236.D	20 Jan 2025 17:26	Closing CCC fail	YP\AJ	Not Ok
25	Q1134-01MSD	EO-1-011725MSD	PP069237.D	20 Jan 2025 17:42	Closing CCC fail	YP\AJ	Not Ok
26	AR1660CCC500	AR1660CCC500	PP069238.D	20 Jan 2025 18:51	CCC Fail	YP\AJ	Not Ok
27	AR1242CCC500	AR1242CCC500	PP069239.D	20 Jan 2025 19:08		YP\AJ	Ok
28	AR1248CCC500	AR1248CCC500	PP069240.D	20 Jan 2025 19:24		YP\AJ	Ok
29	AR1254CCC500	AR1254CCC500	PP069241.D	20 Jan 2025 19:40		YP\AJ	Ok,M
30	I.BLK	I.BLK	PP069242.D	20 Jan 2025 19:56		YP\AJ	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB166124

SOP ID:	M3510C,3580A-Extraction PCB-14				
Clean Up SOP #:	Acid Cleanup			**Extraction Start Date :**	01/17/2025
Matrix :	Water			**Extraction Start Time :**	11:30
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	01/17/2025
Balance check:	N/A	**Filter By:**	RS	**Extraction End Time :**	16:25
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3574	**Hood ID:**	4,6,7	**Supervisor By :**	rajesh

Extraction Method: [√] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [ ] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24093
Spike Sol 1	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
Methylene Chloride	N/A	E3871
Baked Na2SO4	N/A	EP2577
Hexane	N/A	E3847
H2SO4 1:1	N/A	EP2565
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40 BTS721. Q1122-01Limited volume Recd.

KD Bath ID:	WATER BATH-1,2	**Envap ID:**	NEVAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
01/17/25	RP (Ext. Lab)	R. Patel/ReB Lab
16:30	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB166124

Analytical Method: M3510C,3580A-Extraction PCB-14 **Concentration Date:** 01/17/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB166124BL	ABLK124	PCB	1000	6	RUPESH	ritesh	10			SEP-09
PB166124BS	ALCS124	PCB	1000	6	RUPESH	ritesh	10			10
PB166124BSD	ALCSD124	PCB	1000	6	RUPESH	ritesh	10			11
Q1122-01	RW10A-20250116	PCB	490	6	RUPESH	ritesh	5			12

* **Extracts relinguished on the same date as received.**

1/17/25

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1122PCB **WorkList ID :** 186997 **Department :** Extraction **Date :** 01-17-2025 11:28:11

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1122-01	RW10A-20250116	Water	PCB	Cool 4 deg C	TETR06	E11	01/16/2025	8082A

Date/Time 01/17/25 11:29
Raw Sample Received by: RS (Sot lms)
Raw Sample Relinquished by: [signature]

Date/Time 01/17/25 11:45
Raw Sample Received by: [signature]
Raw Sample Relinquished by: RS (Sek lms)

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

Prep Standard - Chemical Standard Summary

Order ID : Q1122

Test : PCB

Prepbatch ID : PB166124,

Sequence ID/Qc Batch ID: PP012025,

Standard ID :

EP2565,EP2577,PP23733,PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775,PP23776,PP23777,PP23778,PP23779,PP23780,PP23781,PP23782,PP23783,PP23784,PP23785,PP23786,PP23787,PP23788,PP23789,PP23790,PP23946,PP23947,PP23985,PP24093,

Chemical ID :

E3551,E3804,E3805,E3825,E3827,E3843,E3847,E3871,M5173,P10483,P10500,P11507,P11512,P11521,P11581,P11587,P11590,P11597,P12698,P12929,P12934,P12947,P12957,P13033,P13350,P13352,P13372,W3112,

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

Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
314	1.1 H2SO4 SOLN	EP2565	11/20/2024	05/20/2025	Rajesh Parikh	None	None	RUPESHKUMAR SHAH 11/20/2024

FROM 1000.00000ml of M5173 + 1000.00000ml of W3112 = Final Quantity: 2000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3923	Baked Sodium Sulfate	EP2577	01/06/2025	07/01/2025	Rajesh Parikh	Extraction_SCALE_2 (EX-SC-2)	None	RUPESHKUMAR SHAH 01/06/2025

FROM 4000.00000gram of E3551 = Final Quantity: 4000.000 gram

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
84	Pest/PCB Surrogate Stock 20 PPM	PP23733	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 1.00000ml of P13350 + 9.00000ml of E3805 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
202	AR1660 1000/100 ppb working solution 1st source	PP23735	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P10483 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
203	AR1660 750 PPB STD	PP23736	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23735 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
204	AR1660 500 PPB STD	PP23737	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23735 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
205	AR1660 250 PPB STD	PP23738	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23735 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
206	AR1660 50 PPB STD	PP23739	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23737 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
213	AR1221 1000 PPB WORKING SOLUTION	PP23740	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P11581 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1079	AR1221 750 PPB STD	PP23741	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23740 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
222	AR1221 500 PPB STD	PP23742	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23740 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1080	AR1221 250 PPB STD	PP23743	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23740 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1081	AR1221 50 PPB STD	PP23744	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23742 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
214	AR1232 1000 PPB WORKING SOLUTION	PP23745	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P11587 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1063	AR1232 750 PPB STD	PP23747	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23745 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
223	AR1232 500 PPB STD	PP23748	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23745 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1064	AR1232 250 PPB STD	PP23749	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23745 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1065	AR1232 50 PPB STD	PP23750	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23748 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
215	AR1242 1000 PPB WORKING STD	PP23751	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P12929 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1067	AR1242 750 PPB STD	PP23752	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23751 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
224	AR1242 500 PPB STD	PP23753	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23751 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1068	AR1242 250 PPB STD	PP23754	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23751 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1069	AR1242 50 PPB STD	PP23755	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23753 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
216	AR1248 1000 PPB WORKING STD	PP23756	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P12934 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1075	AR1248 750 PPB STD	PP23757	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23756 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
225	AR1248 500 PPB STD	PP23758	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23756 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1076	AR1248 250 PPB STD	PP23759	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23756 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1077	AR1248 50 PPB STD	PP23760	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23758 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
217	AR1254 1000 PPB WORKING STD	PP23761	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P11590 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1071	AR1254 750 PPB STD	PP23762	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23761 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
226	AR1254 500 PPB STD	PP23763	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23761 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1072	AR1254 250 PPB STD	PP23764	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23761 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1073	AR1254 50 PPB STD	PP23765	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23763 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1529	AR1262 1000 PPB Working Solution	PP23766	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P10500 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3753	AR1262 750 PPB STD	PP23767	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23766 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1530	AR1262 500 PPB STD	PP23768	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23766 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3754	AR1262 250 PPB STD	PP23769	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23766 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3755	AR1262 50 PPB STD	PP23770	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23768 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1532	AR1268 1000 PPB Working Solution	PP23771	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P11597 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3820	AR1268 750 PPB STD	PP23772	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23771 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1533	AR1268 500 PPB STD	PP23773	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23771 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3821	AR1268 250 PPB STD	PP23774	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23771 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3822	AR1268 50 PPB STD	PP23775	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23773 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
404	AR1660 100 PPM Stock Solution 2nd Source	PP23776	10/03/2024	04/01/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 1.00000ml of P12947 + 9.00000ml of E3804 = Final Quantity: 10.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
405	AR1660 1000/100 PPB ICV STD	PP23777	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 98.50000ml of E3805 + 0.50000ml of PP23733 + 1.00000ml of PP23776 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
406	AR1660 500 PPB ICV	PP23778	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23777 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3789	AR1221 1000 PPB WORKING SOL.2ND SOURCE(AGILENT)	PP23779	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 1.00000ml of P13372 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3790	AR1221 500 PPB ICV(AGILENT)	PP23780	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23779 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1887	AR1232 1000 PPB Working Sol. 2nd Source	PP23781	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 1.00000ml of P12698 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1889	AR1242 1000 PPB Working Sol. 2nd Source	PP23782	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 1.00000ml of P11507 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1888	AR1232 500 PPB ICV	PP23783	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23781 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1891	AR1242 500 PPB ICV	PP23784	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23782 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1890	AR1248 1000 PPB Working Sol. 2nd Source	PP23785	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P11512 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1892	AR1248 500 PPB ICV	PP23786	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23785 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1893	AR1254 1000 PPB Working Sol. 2nd Source	PP23787	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 1.00000ml of P12957 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1894	AR1254 500 PPB ICV	PP23788	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23787 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3757	AR1262 1000 PPB Working Solution second source	PP23789	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P13033 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3758	AR1262 500 PPB STD ICV	PP23790	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23789 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3817	AR1268 1000 ppb Working Soln. 2nd source	PP23946	11/07/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 11/13/2024

FROM 1.00000ml of P11521 + 98.50000ml of E3825 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3823	AR1268 500 PPB STD ICV	PP23947	11/07/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 11/13/2024

FROM 0.50000ml of E3825 + 0.50000ml of PP23946 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3857	5000 PPB PCB SPIKE SOLUTION 2ND SOURCE	PP24093	12/20/2024	04/03/2025	Ankita Jodhani	None	None	Yogesh Patel 01/16/2025

FROM 0.50000ml of P12947 + 99.50000ml of E3843 = Final Quantity: 100.000 ml

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	313201	07/01/2025	01/03/2024 / Rajesh	07/20/2023 / Rajesh	E3551

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	9005-05 / Acetone Ultra (cs/4x4L)	24E0761004	11/05/2025	10/01/2024 / Rajesh	09/25/2024 / Rajesh	E3804

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	24C1862008	03/30/2025	09/30/2024 / Rajesh	09/25/2024 / Rajesh	E3805

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	24G1962003	11/06/2025	11/06/2024 / Rajesh	11/01/2024 / Rajesh	E3825

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	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-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H2762008	06/05/2025	12/05/2024 / Rajesh	12/05/2024 / Rajesh	E3843

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	24G1962003	06/16/2025	12/16/2024 / Rajesh	12/13/2024 / Rajesh	E3847

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	24K1762005	07/14/2025	01/14/2025 / Rajesh	12/27/2024 / Rajesh	E3871

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

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-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

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards,Inc	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

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0206810	04/03/2025	10/03/2024 / Ankita	04/22/2024 / Abdul	P13350

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0206810	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

PRODUCTOS QUIMICOS MONTERREY, S.A. DE C.V.

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MEXICO
CP 64070
TEL +52 81 13 52 57 57
www.pqm.com.mx

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE RMB3375)	FORMULA :	Na_2SO_4
SPECIFICATION NUMBER :	6399	RELEASE DATE:	ABR/21/2023
LOT NUMBER :	313201		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na_2SO_4)	Min. 99.0%	99.7 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.1
Insoluble matter	Max. 0.01%	0.005 %
Loss on ignition	Max. 0.5%	0.1 %
Chloride (Cl)	Max. 0.001%	<0.001 %
Nitrogen compounds (as N)	Max. 5 ppm	<5 ppm
Phosphate (PO_4)	Max. 0.001%	<0.001 %
Heavy metals (as Pb)	Max. 5 ppm	<5 ppm
Iron (Fe)	Max. 0.001%	<0.001 %
Calcium (Ca)	Max. 0.01%	0.002 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.003 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreing matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.1 %
Retained on US Standard No. 60 sieve	Min. 94%	97.3 %
Through US Standard No. 60 sieve	Max. 5%	2.5 %
Through US Standard No. 100 sieve	Max. 10%	0.1 %

COMMENTS

QC: PhC Irma Belmares

If you need further details, please call our factory or contact our local distributor.

Recd. by RB on 7/24/23 E3551

Acetone
CMOS

avantor™ | J.T.Baker®

Material No.: 9005-05
Batch No.: 24E0761004
Manufactured Date: 2024-05-02
Retest Date: 2029-05-01
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected for water)	≥ 99.5 %	99.8 %
Color (APHA)	≤ 10	< 5
Residue after Evaporation	≤ 5 ppm	< 1 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.1
Titrable Base (µeq/g)	≤ 0.5	0.1
Water (H_2O)	≤ 0.5 %	0.1 %
Solubility in H_2O	Passes Test	Passes Test
Chloride (Cl)	≤ 0.2 ppm	< 0.2 ppm
Phosphate (PO_4)	≤ 0.05 ppm	< 0.05 ppm
Trace Impurities - Aluminum (Al)	≤ 50.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 5.0 ppb
Trace Impurities - Barium (Ba)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Cadmium (Cd)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Calcium (Ca)	≤ 25.0 ppb	3.6 ppb
Trace Impurities - Chromium (Cr)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Germanium (Ge)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities - Gold (Au)	≤ 20 ppb	< 5 ppb
Trace Impurities - Iron (Fe)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities - Lead (Pb)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities - Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities - Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb

>>> Continued on page 2 >>>

Recd by RP on 9/25/24

E 3804

Acetone
CMOS

avantor™ | J.T.Baker®

Material No.: 9005-05
Batch No.: 24E0761004

Test	Specification	Result
Trace Impurities – Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Nickel (Ni)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Strontium (Sr)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 50.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	7.9 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater (Rion KS42AF)	≤ 100 par/ml	8 par/ml
Particle Count – 1.0 µm and greater (Rion KS42AF)	≤ 8 par/ml	2 par/ml

>>> Continued on page 3 >>>

Acetone
CMOS

avantor™ | J.T.Baker®

Material No.: 9005-05
Batch No.: 24E0761004

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Paris Mfg Ctr & DC

Michelle Bales
Sr. Manager, Quality Assurance

Hexanes (95% n-hexane)
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker®

Material No.: 9262-03
Batch No.: 24C1862008
Manufactured Date: 2024-01-30
Expiration Date: 2025-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	< 1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1
ECD-Sensitive Impurities (as Ethylene Dibromide) – Single Impurity Peak (ng/mL)	≤ 5	1
Assay (Total Saturated C_6 Isomers) (by GC, corrected for water)	≥ 99.5 %	99.7 %
Assay (as n-Hexane) (by GC, corrected for water)	≥ 95 %	98 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.4 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	≤ 0.05 %	< 0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd by RP on 9/25/24

E3805

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker®

Material No.: 9262-03
Batch No.: 24G1962003
Manufactured Date: 2024-05-23
Expiration Date: 2025-08-22
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	3
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1
ECD-Sensitive Impurities (as Ethylene Dibromide) - Single Impurity Peak (ng/mL)	≤ 5	1
Assay (Total Saturated C_6 Isomers) (by GC, corrected for water)	≥ 99.5 %	99.7 %
Assay (as n-Hexane) (by GC, corrected for water)	≥ 95 %	98 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	≤ 0.05 %	< 0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

E3825

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 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

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H2762008
Manufactured Date: 2024-04-18
Expiration Date:2027-04-18
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd. by RP on 12/5/24

E 3843

J Croak

Jamie Croak
Director Quality Operations, Bioscience Production

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker®

Material No.: 9262-03
Batch No.: 24G1962003
Manufactured Date: 2024-05-23
Expiration Date: 2025-08-22
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	3
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1
ECD-Sensitive Impurities (as Ethylene Dibromide) - Single Impurity Peak (ng/mL)	≤ 5	1
Assay (Total Saturated C_6 Isomers) (by GC, corrected for water)	≥ 99.5 %	99.7 %
Assay (as n-Hexane) (by GC, corrected for water)	≥ 95 %	98 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	≤ 0.05 %	< 0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd. by RP on 12/13/24

E3847

J Croak

Jamie Croak
Director Quality Operations, Bioscience Production

12/9-1/24

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor | J.T.Baker

Material No.: 9266-A4
Batch No.: 24K1762005
Manufactured Date: 2024-10-08
Expiration Date:2026-01-07
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	2
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.5 ppm
Titrable Acid (µeq/g)	<= 0.3	0.0
Chloride (Cl)	<= 10 ppm	<5 ppm
Water (by KF, coulometric)	<= 0.02 %	0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E 3871

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials,LLC
100 Matsonford Rd, Suite 200,Radnor,PA,19087.U.S.A.Phone 610.386.1700

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

Material No.: 9530-33
Batch No.: 0000281827
Manufactured Date: 2021/03/30
Retest Date: 2026/03/29
Revision No: 1

Certificate of Analysis

Test	Specification	Result
ACS - Assay (as HCl) (by acid-base titrn)	36.5 - 38.0 %	37.6
ACS - Color (APHA)	<= 10	5
ACS - Residue after Ignition	<= 3 ppm	1
ACS - Specific Gravity at 60°/60°F	1.185 - 1.192	1.189
ACS - Bromide (Br)	<= 0.005 %	< 0.005
ACS - Extractable Organic Substances	<= 5 ppm	< 1
ACS - Free Chlorine (as Cl_2)	<= 0.5 ppm	< 0.5
Phosphate (PO_4)	<= 0.05 ppm	< 0.03
Sulfate (SO_4)	<= 0.5 ppm	< 0.3
Sulfite (SO_3)	<= 0.8 ppm	0.3
Ammonium (NH_4)	<= 3 ppm	< 1
Trace Impurities - Arsenic (As)	<= 0.010 ppm	< 0.003
Trace Impurities - Aluminum (Al)	<= 10.0 ppb	0.5
Arsenic and Antimony (as As)	<= 5 ppb	< 3
Trace Impurities - Barium (Ba)	<= 1.0 ppb	< 0.2
Trace Impurities - Beryllium (Be)	<= 1.0 ppb	< 0.2
Trace Impurities - Bismuth (Bi)	<= 10.0 ppb	< 1.0
Trace Impurities - Boron (B)	<= 20.0 ppb	< 5.0
Trace Impurities - Cadmium (Cd)	<= 1.0 ppb	< 0.3
Trace Impurities - Calcium (Ca)	<= 50.0 ppb	15.0
Trace Impurities - Chromium (Cr)	<= 1.0 ppb	< 0.4
Trace Impurities - Cobalt (Co)	<= 1.0 ppb	< 0.3
Trace Impurities - Copper (Cu)	<= 1.0 ppb	< 0.1
Trace Impurities - Gallium (Ga)	<= 1.0 ppb	< 0.2

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

Material No.: 9530-33
Batch No.: 0000281827

Test	Specification	Result
Trace Impurities - Germanium (Ge)	<= 3.0 ppb	< 2.0
Trace Impurities - Gold (Au)	<= 4.0 ppb	3.0
Heavy Metals (as Pb)	<= 100 ppb	< 50
Trace Impurities - Iron (Fe)	<= 15.0 ppb	1.0
Trace Impurities - Lead (Pb)	<= 1.0 ppb	< 0.5
Trace Impurities - Lithium (Li)	<= 1.0 ppb	< 0.2
Trace Impurities - Magnesium (Mg)	<= 10.0 ppb	< 0.4
Trace Impurities - Manganese (Mn)	<= 1.0 ppb	< 0.4
Trace Impurities - Mercury (Hg)	<= 0.5 ppb	0.2
Trace Impurities - Molybdenum (Mo)	<= 10.0 ppb	< 5.0
Trace Impurities - Nickel (Ni)	<= 4.0 ppb	< 0.3
Trace Impurities - Niobium (Nb)	<= 1.0 ppb	< 0.2
Trace Impurities - Potassium (K)	<= 9.0 ppb	< 2.0
Trace Impurities - Selenium (Se), For Information Only	ppb	1.0
Trace Impurities - Silicon (Si)	<= 100.0 ppb	18.0
Trace Impurities - Silver (Ag)	<= 1.0 ppb	< 0.3
Trace Impurities - Sodium (Na)	<= 100.0 ppb	< 5.0
Trace Impurities - Strontium (Sr)	<= 1.0 ppb	< 0.2
Trace Impurities - Tantalum (Ta)	<= 1.0 ppb	< 0.9
Trace Impurities - Thallium (Tl)	<= 5.0 ppb	< 2.0
Trace Impurities - Tin (Sn)	<= 5.0 ppb	< 0.8
Trace Impurities - Titanium (Ti)	<= 1.0 ppb	< 0.2
Trace Impurities - Vanadium (V)	<= 1.0 ppb	< 0.2
Trace Impurities - Zinc (Zn)	<= 5.0 ppb	0.4
Trace Impurities - Zirconium (Zr)	<= 1.0 ppb	< 0.1

For Laboratory, Research or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications

Country of Origin: US
Packaging Site: Phillipsburg Mfg Ctr & DC

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

RESTEK®
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32039 **Lot No.:** A0163157

Description : Aroclor® 1016/1260 Mix

Aroclor® 1016/1260 Mix 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2026 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound		Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Aroclor 1016		1,007.0 µg/mL	+/- 5.8683	µg/mL	Gravimetric
	CAS # 12674-11-2	(Lot 04)		+/- 31.9082	µg/mL	Unstressed
	Purity ----%			+/- 41.6868	µg/mL	Stressed
2	Aroclor 1260		1,008.0 µg/mL	+/- 5.8741	µg/mL	Gravimetric
	CAS # 11096-82-5	(Lot 07)		+/- 31.9399	µg/mL	Unstressed
	Purity ----%			+/- 41.7282	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P10476
&
P10480

AR
02/19/21

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

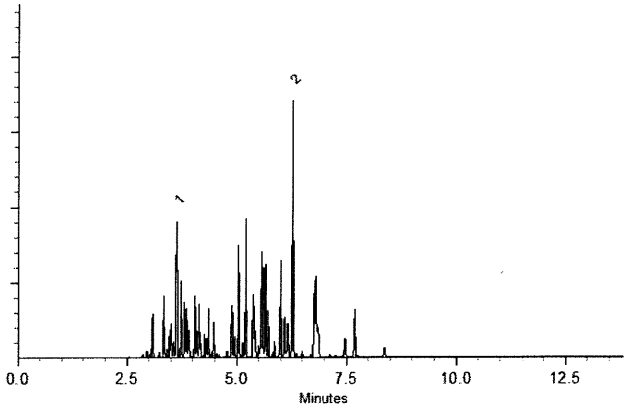
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Tom Suckar - Mix Technician

Date Mixed: 03-Aug-2020 **Balance:** B442140311

Justine Albertson - Operations Tech-ARM QC

Date Passed: 05-Aug-2020

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK®
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32409 **Lot No.:** A0167722

Description : Aroclor® 1262 Standard

Aroclor® 1262 Standard 1,000 µg/mL, 1mL/ampul, Hexane

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2027 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Aroclor 1262	1,004.0 µg/mL	+/- 5.9635	µg/mL	Gravimetric
	CAS # 37324-23-5 (Lot 10849100)		+/- 31.8340	µg/mL	Unstressed
	Purity ----%		+/- 41.5787	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P10496
J
P10500

AJ
09/19/21

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

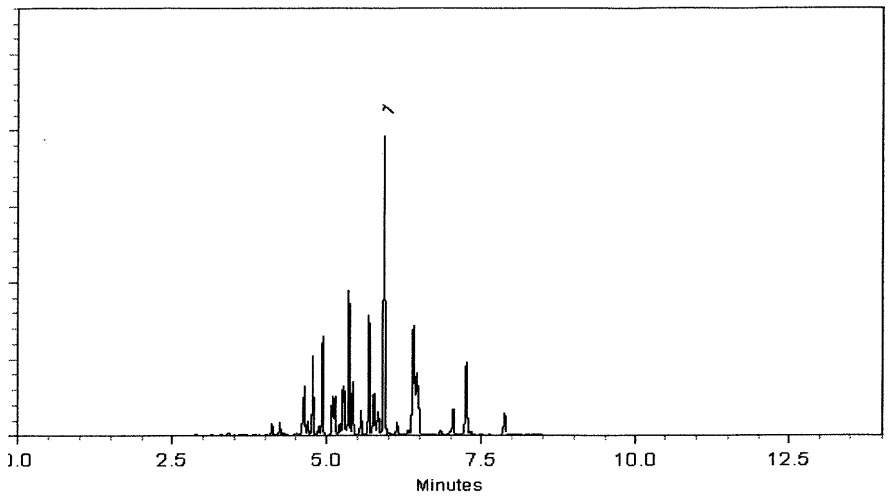
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 03-Jan-2021 **Balance:** B707717271

Marlina Cowan - Operations Tech I

Date Passed: 05-Jan-2021

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

ISO 17034

Agilent
Trusted Answers

Reference Material Certificate

Product Name:	Aroclor 1242 Standard	**Lot Number:**	0006665550
Product Number:	PP-312-1	**Lot Issue Date:**	08-Feb-2022
Storage Conditions:	Store at Room Temperature (15° to 30°C).	**Expiration Date:**	31-Jan-2027

	CERTIFIED VALUES			
Component Name	Concentration	Expanded Uncertainty	CAS#	Analyte Lot
Aroclor 1242	100.4 ±	0.5 µg/mL	053469-21-9	NT01020

Matrix: isooctane (2,2,4-trimethylpentane)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P11533 + P11537

AJ 02/21/22

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

ISO 17034

Agilent
Trusted Answers

Reference Material Certificate

Product Name:	Aroclor 1248 Standard	**Lot Number:**	0006626997
Product Number:	PP-342-1	**Lot Issue Date:**	17-Aug-2021
Storage Conditions:	Store at Room Temperature (15° to 30°C).	**Expiration Date:**	30-Sep-2025

	CERTIFIED VALUES				
Component Name	Concentration		Expanded Uncertainty	CAS#	Analyte Lot
Aroclor 1248	100.3	±	0.5 µg/mL	012672-29-6	NT01582

Matrix: isooctane (2,2,4-trimethylpentane)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P11508 ↓ P11512 AJ 12/21/22

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

P11518 ↓ P11522 AJ 02/21/22

Agilent

Certificate of Analysis

Product Name: Aroclor 1268 Standard

Product Number: PP-382-1 **Lot Issue Date:** 09-Feb-2021

Lot Number: 0006587800 **Expiration Date:** 31-Mar-2029

Description:
This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
Aroclor 1268	011100-14-4	RM00937	100.0 ± 0.5 µg/mL

Matrix: isooctane (2,2,4-trimethylpentane)

Storage Conditions: Store at Room Temperature (15° to 30°C).

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Intended Use:
This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

Expiration of Certification:
The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

M Bourgeois

Monica Bourgeois
QMS Representative

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED TESTING LABORATORY
ISO 17025 Cert No. AT-1937

250 Smith Street North Kingstown, Rhode Island 02852 www.agilent.com/quality

RESTEK®
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32007 **Lot No.:** A0175456

Description : Aroclor® 1221 Standard

Aroclor® 1221 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2027 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Aroclor 1221	1,002.0 µg/mL	+/- 5.9516	µg/mL	Gravimetric
	CAS # 11104-28-2 (Lot 10210500)		+/- 31.7706	µg/mL	Unstressed
	Purity ----%		+/- 41.4958	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P 11578 ↓ P 11582 (S)

AR 04/30/22

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

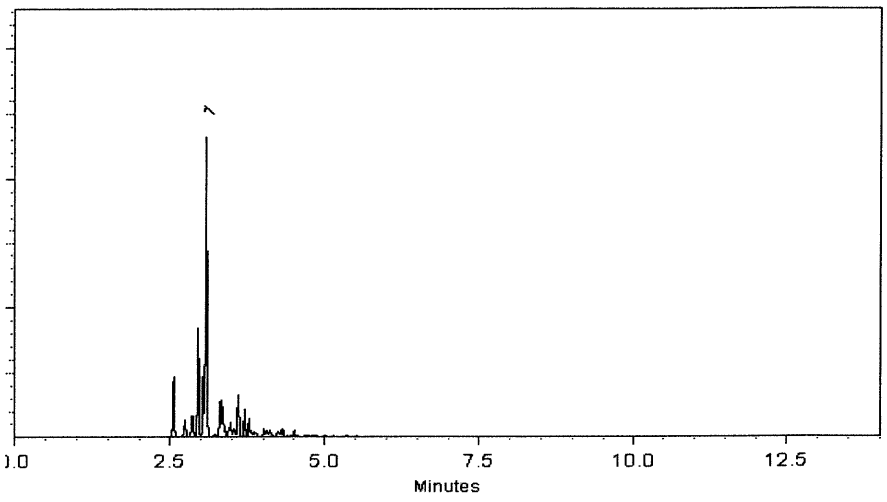
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 16-Aug-2021 **Balance:** B442140311

Marlina Cowan - Operations Tech I

Date Passed: 18-Aug-2021

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P11578 ↓ P11582 (5)

AR 04/30/22

RESTEK®
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32008 **Lot No.:** A0173309

Description : Aroclor® 1232 Standard

Aroclor® 1232 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2027 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Aroclor 1232	1,001.0 µg/mL	+/- 5.9456 µg/mL	Gravimetric
	CAS # 11141-16-5 (Lot 15665-01)		+/- 31.7389 µg/mL	Unstressed
	Purity ----%		+/- 41.4544 µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P11583 ↓ P11597 (S)

AR 04/30/22

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

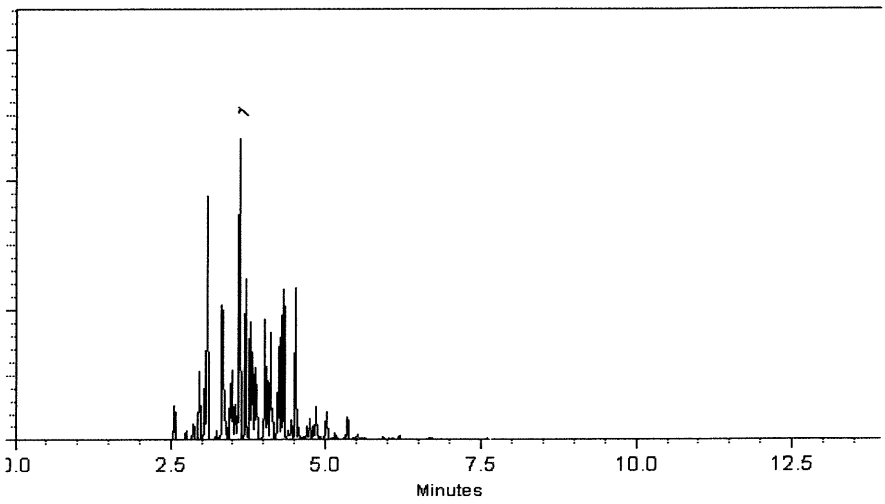
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 13-Jun-2021 **Balance:** B442140311

Alexis Shelow - Operations Tech I

Date Passed: 16-Jun-2021

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P11583 ↓ P11587 | (5)

AR 04/30/22

RESTEK®
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32011 **Lot No.:** A0175403

Description : Aroclor® 1254 Standard

Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2027 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Aroclor 1254	1,000.7 µg/mL	+/- 5.9437	µg/mL	Gravimetric
	CAS # 11097-69-1 (Lot 124-191-B)		+/- 31.7284	µg/mL	Unstressed
	Purity ----%		+/- 41.4406	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P11588 ↓ P11592 | 5

AR 04/30/2022

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

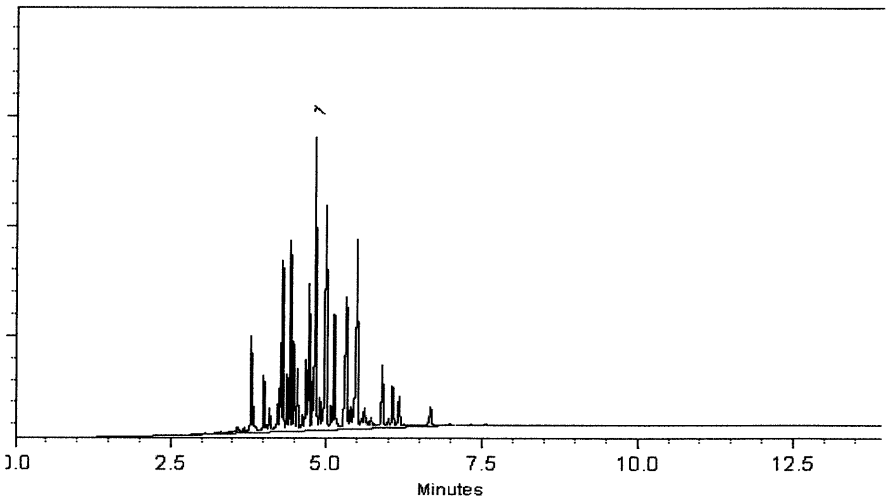
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Cathleen Soltis - Mix Technician

Date Mixed: 15-Aug-2021 **Balance:** 1128360905

Alexis Shelow - Operations Tech I

Date Passed: 17-Aug-2021

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P11588 | (5)
1
P11592

AR
04/30/22

RESTEK®
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32410 **Lot No.:** A0181782

Description : Aroclor® 1268 Standard

Aroclor® 1268 Standard 1,000 µg/mL, 1mL/ampul, Hexane

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2028 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Aroclor 1268	1,001.4 µg/mL	+/- 5.9480	µg/mL	Gravimetric
	CAS # 11100-14-4 (Lot 10947000)		+/- 31.7516	µg/mL	Unstressed
	Purity ----%		+/- 41.4710	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P 11593 (5)
↓
P 11597

AR 04/30/2022

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

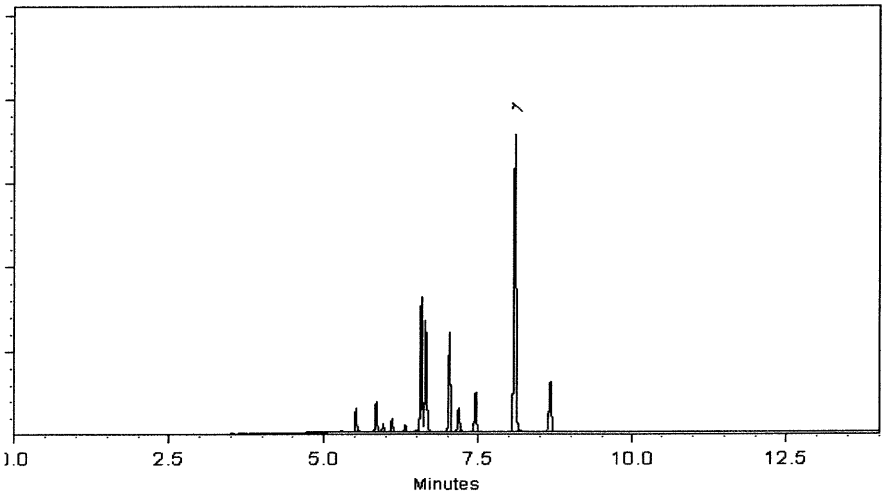
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 14-Feb-2022 **Balance:** 1128360905

Clara Windle - Operations Technician I

Date Passed: 17-Feb-2022

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P 11593 (5)
↓
P 11597
04/30/2022

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Refere

CERTIFIED WEIGHT REPORT

Part Number:	91867
Lot Number:	020823
Description:	WP 037 - Aroclor 1232 PCB Technical Mixture
Expiration Date:	020833
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	100
NIST Test ID#:	6UTB

Solvent(
Aceton

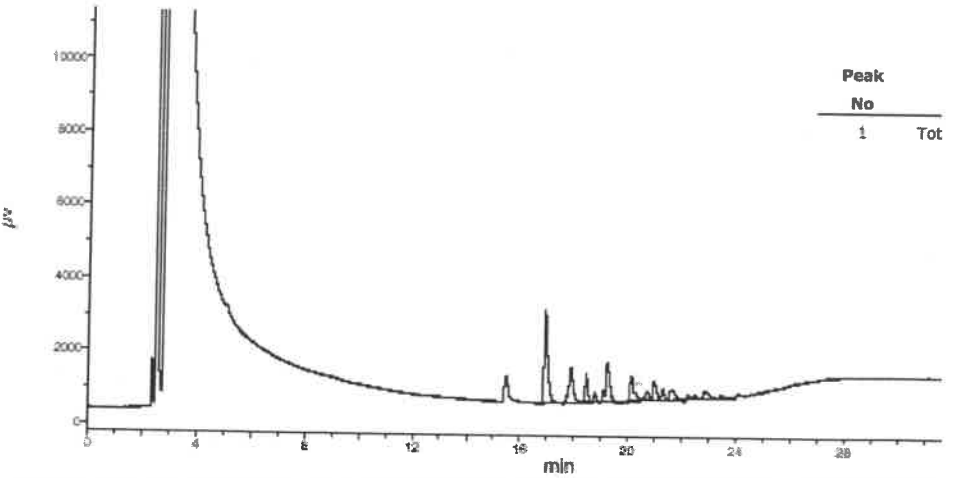
Weight(s) shown below were combined and diluted to (mL): 100.0

5E-05 Balance Uncertainty
0.057 Flask Uncertainty

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g
1. Aroclor 1232	17	45-6A	100	100	0.5	0.01000

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measure Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32009 **Lot No.:** A0203672

Description : Aroclor® 1242 Standard

Aroclor® 1242 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

P12928
↓
P12932
AJ
12/07/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1242	53469-21-9	01141	---%	1,004.7 µg/mL	+/- 55.7515

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

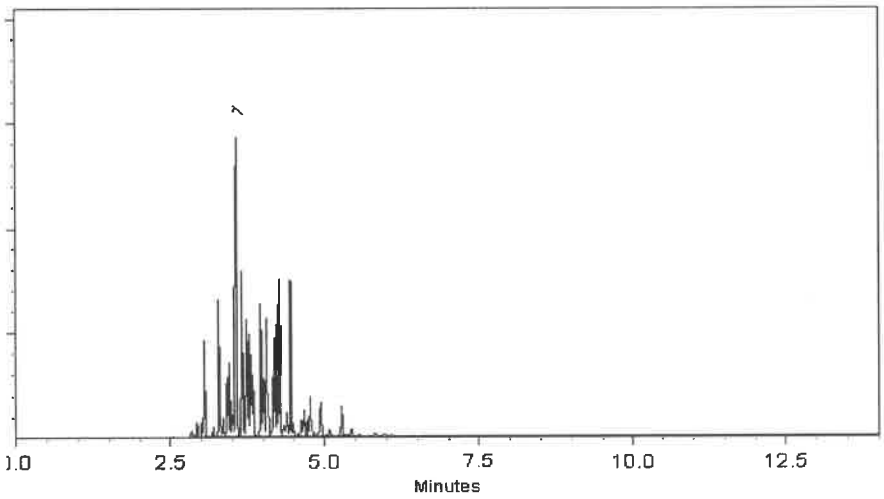
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Russ Bookhamer - Operations Technician I

Date Mixed: 26-Oct-2023 **Balance Serial #** B442140311

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 06-Nov-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

P12933
↓
P12937
AJ
12/07/23

Catalog No. : 32010 **Lot No.:** A0202803

Description : Aroclor® 1248 Standard

Aroclor® 1248 Standard 1,000µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1248	12672-29-6	13897600	----%	1,001.7 µg/mL	+/- 55.5850

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

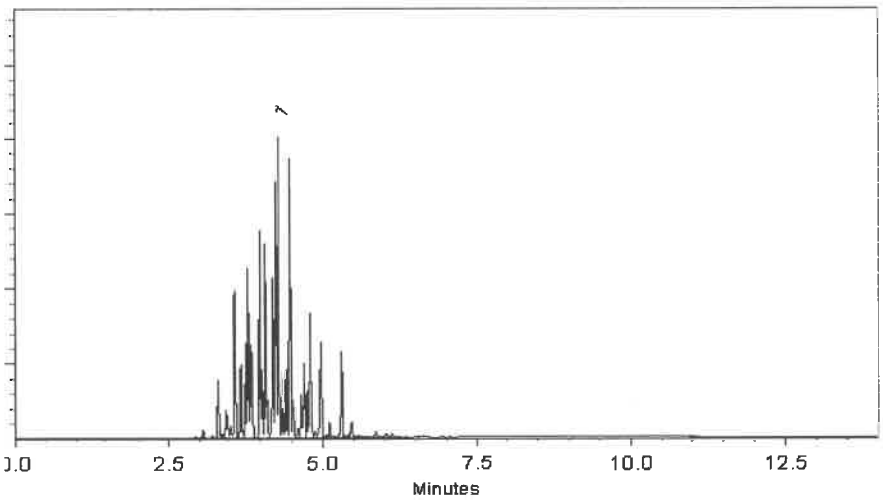
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I **Date Mixed:** 03-Oct-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 09-Oct-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	20064
Lot Number:	022023
Description:	CLP PCB'S - Aroclor Mix
	Aroclors 1016 & 1260
Expiration Date:	022033
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	1000
NIST Test ID#:	6UTB

Solvent(s): Hexane **Lot#** 273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

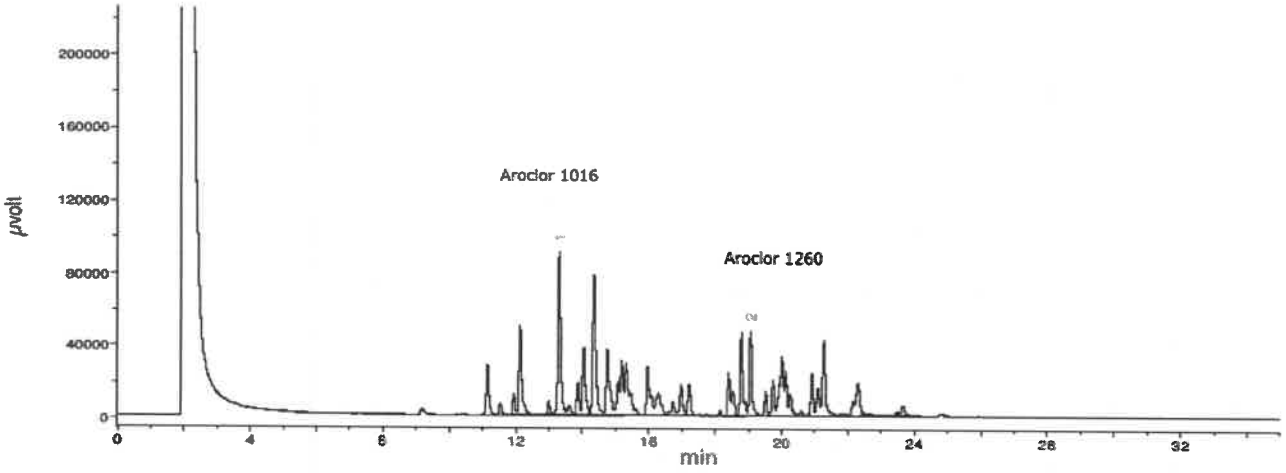
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

P12946 ↓ P12955 — Y.P. 12/20/23

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1016	15	020491JC	1000	100	0.2	0.20004	0.20060	1002.8	4.0	12674-11-2	N/A	N/A
2. Aroclor 1260	21	020491JC	1000	100	0.2	0.20004	0.20081	1003.9	4.0	11096-82-5	0.5mg/m3	orl-rat 1315mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	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

Note: Aroclor 1254 is a mix of isomers.

Formulated By:	Anthony Mahoney	121823 DATE
Reviewed By:	Pedro L. Rentas	121823 DATE

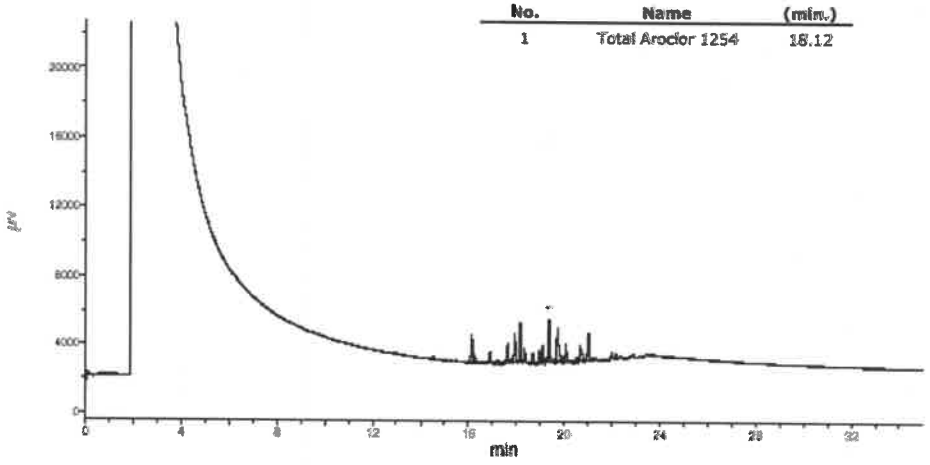
P12956 & P12957 Y.P. 12/20/23

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(µg/mL)	Final Conc.(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1254	79100	121823	0.10	2.00	0.017	1003.3	100.1	1.8	11097-69-1	0.5mg/m3 (skin)	orl-rat 1295mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3

Peak No.	Name	FID RT (min.)
1	Total Aroclor 1254	18.12



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 90165
Lot Number: 112322
Description: Aroclor 1262

Solvent(s): Hexane **Lot#** 273615

Expiration Date: 112332
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

Weight(s) shown below were combined and diluted to (mL): 50.0 ± 0.005 Flask Uncertainty

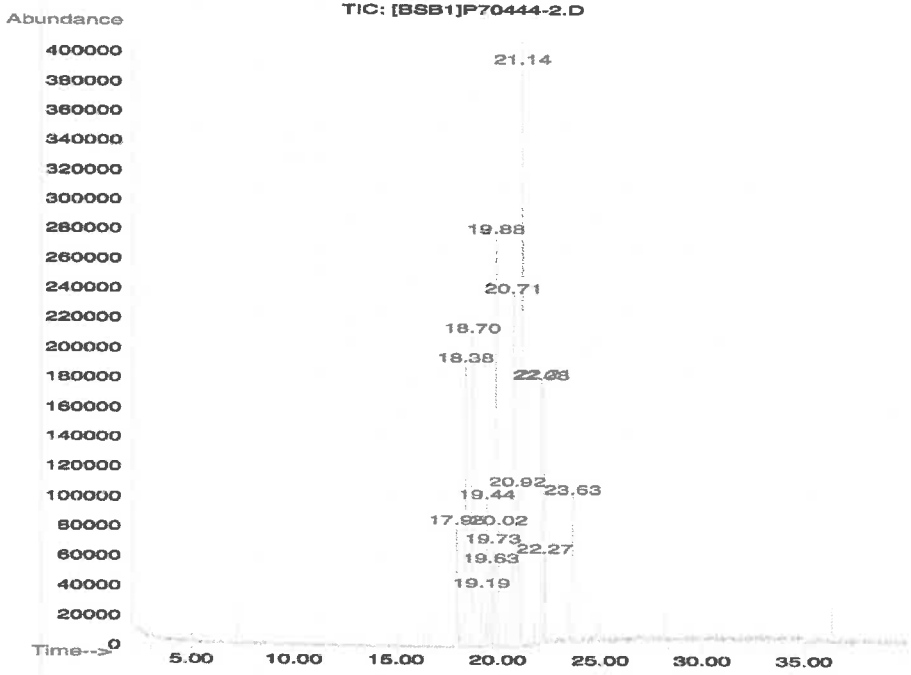
5E-05 Balance Uncertainty

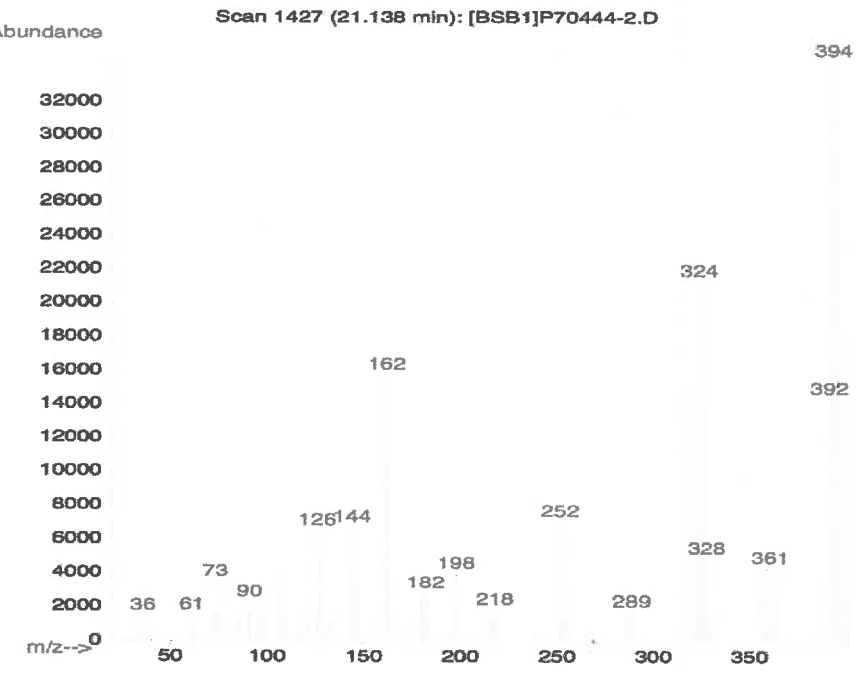
Formulated By: Prashant Chauhan	112322 DATE
Reviewed By: Pedro L. Rentas	112322 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1262	444	W-130-05	1000	100	0.2	0.05003	0.05016	1002.7	4.5	37324-23-5	N/A	orl-rat 11300mg/kg

Method GC7MSD-7.M: Column:(30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 150°C (0min.), Temp 2 = 290°C (12.5 min.), Rate = 8°C/min., Injector B= 200°C, Detector B = 290°C.

P13032 2 P13033 Y.P. 12/21/23





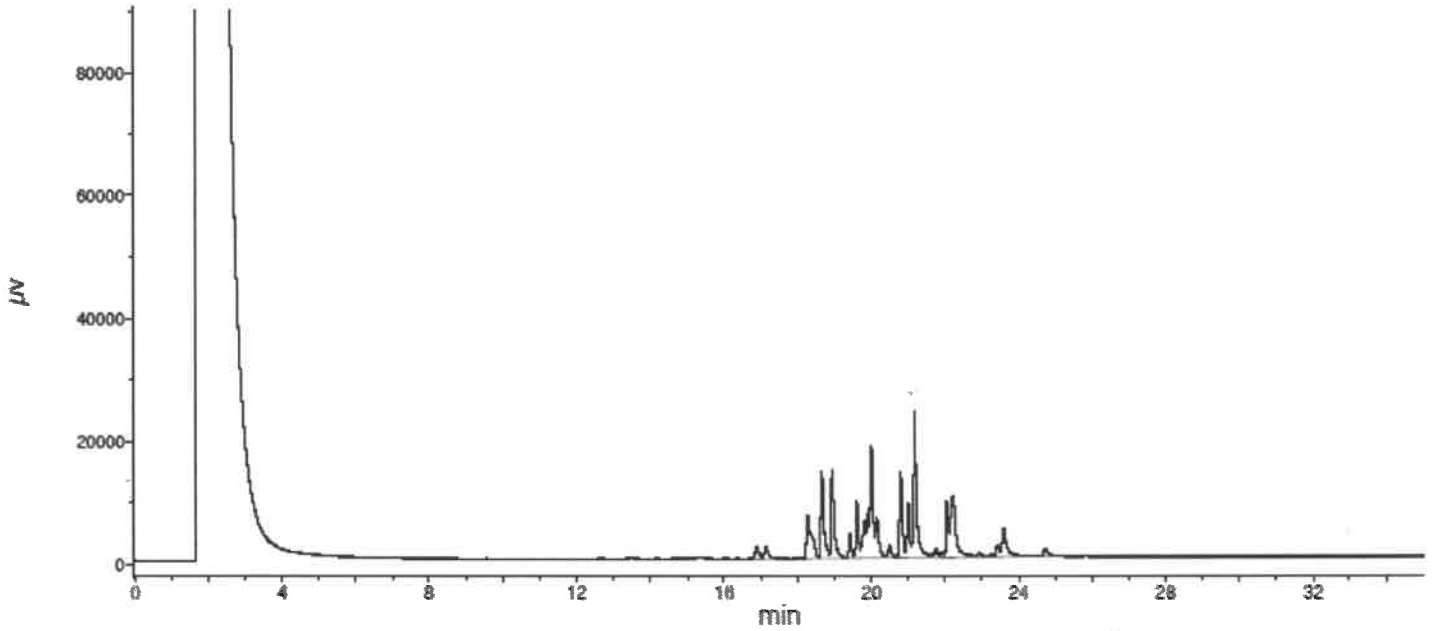
- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Run 20, "P90165 L112322 [1000µg/mL in hexane]"

Run Length: 35.00 min, 21000 points at 10 points/second.
Created: Thu, Dec 8, 2022 at 2:31:02 AM.
Sampled: Sequence "120722-GC3M1", Method "GC3-M1".
Analyzed using Method "GC3-M1".

Comments

GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

P13348 → P13357 (10)

Catalog No. : 32000 **Lot No.:** A0206810

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

04/25/2024

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.3 µg/mL	+/- 11.1143
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	200.6 µg/mL	+/- 11.1298

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
hellum-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

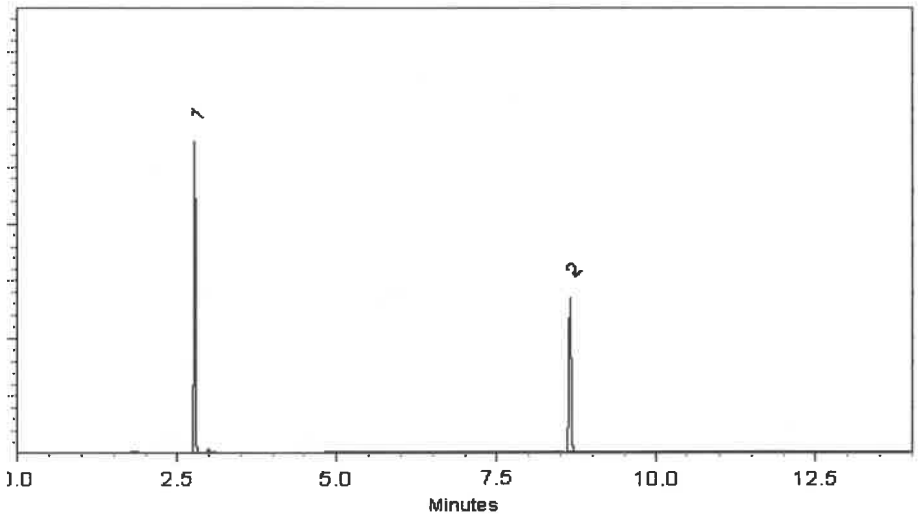
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I

Date Mixed: 22-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P13348 (10)

↓

P13357

04/25/2025

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

P13348 → P13357 (10)

Catalog No. : 32000 **Lot No.:** A0206810

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

04/25/2024

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.3 µg/mL	+/- 11.1143
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	200.6 µg/mL	+/- 11.1298

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
hellum-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

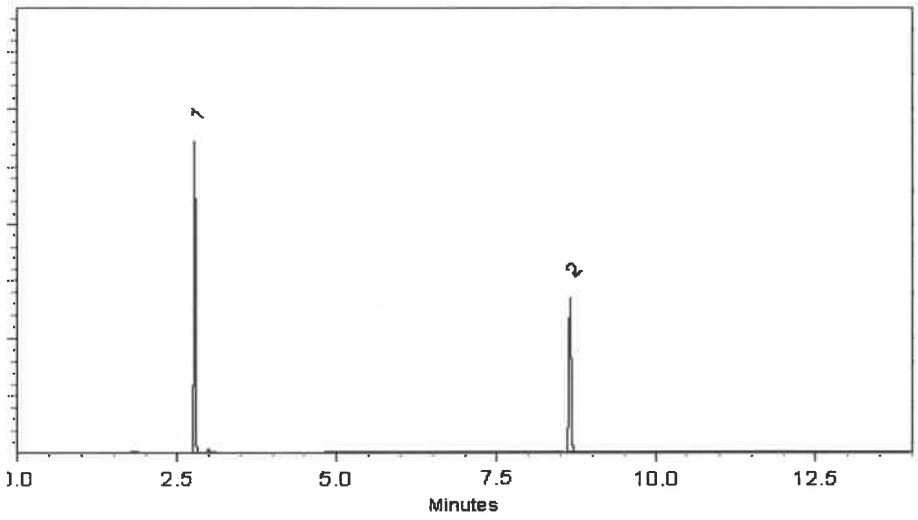
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I

Date Mixed: 22-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P13348 (10)

↓

P13357

04/25/2025

Agilent

Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name:	Aroclor 1221 Standard	**Lot Number:**	0006783205
Product Number:	PP-292-1	**Lot Issue Date:**	20-Feb-2024
Storage Conditions:	Store at Room Temperature (15° to 30°C).	**Expiration Date:**	31-Mar-2032

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
Aroclor 1221	100.3	±	0.5 µg/mL	011104-28-2	NT01017

Matrix: isooctane (2,2,4-trimethylpentane)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P133f2
↓
P133f3

AJ
05106124

250 Smith Street North Kingstown, Rhode Island 02852 **www.agilent.com/quality**

Agilent

Trusted Answers

Maintenance of Certification:

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois

QMS Representative

ANAB ANSI National Accreditation Board ACCREDITED REFERENCE MATERIAL PRODUCER

ISO 17034
Cert No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015 Quality Management System. Cert# 951215321

www.agilent.com/quality/

CSD-QA-015.2

ISO 17025
Cert No. AT-1937

250 Smith Street North Kingstown, Rhode Island 02852 **www.agilent.com/quality**

SHIPPING DOCUMENTS

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO. Q1122
QUOTE NO.
COC Number 2041596

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Tetra Tech Inc.
ADDRESS: 4433 Corporation Lane Suite 300
CITY Virginia Beach STATE: VA ZIP: 23462
ATTENTION: Ernie Wu
PHONE: 757-466-4901 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: NWIRP Bethpage
PROJECT NO.: 112G08005-WE13 LOCATION: Bethpage, NY
PROJECT MANAGER: Ernie Wu
e-mail: ernie.wu@tetratech.com
PHONE: 757-466-4901 FAX:

CLIENT BILLING INFORMATION

BILL TO: See Contract PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): Standard TAT DAYS*
EDD: Standard TAT DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced ☐ US EPA CLP
- ☐ NYS ASP A ☐ NYS ASP B
- ☒ Other See Contract
- ☐ EDD FORMAT _____

ANALYSIS

1 TAL Metals
2 Filtered Metals
3 Tcl SVOCs
4 PCB/Pesticides
5 pH
6 Total Phosphorus
7 TSS
8 TDS
9 Alkalinity

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
								B/E	B/E	E	E	E	C/E	E	E	E	← Specify Preservatives A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER
1.	RW10A-20250116	GW		X	1-16-25	1040	8	1		1	1	1	1	1	1	1	
2.	RW10A-F-20250116	GW		X	1-16-25	1040	1		1								Field Filtered
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	1-16-25 / 1530	1. 1530 1-16-25
2.		2.
3.	1-16-25 1810	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.7 °C
Comments:

Page 1 of 2

CLIENT: ☐ Hand Delivered ☐ Other _____
CHEMTECH: ☒ Picked Up ☐ Field Sampling

Shipment Complete ☐ YES ☐ NO

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

From: Kiran Saleem <Kiran.Saleem@alliancetg.com>
Sent: Friday, January 17, 2025 10:32 AM
Subject: Re: NWIRP BethPage - Q1122

Jake,

Got it, thank you!

As we discussed on the phone, we have one 1-liter amber container for PCB/Pesticides. We will divide the volume for each test.

Thank you!

NOTE: Chemtech is now an Alliance Technical Group company. Please add AllianceTG.com to your safe senders list to ensure receipt of important emails.

Regards,

Kiran Saleem
Project Manager
Alliance Technical Group
Main: 908-789-8900
Direct: 908-728-3148
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Kiran Saleem <Kiran.Saleem@alliancetg.com>
Sent: Friday, January 17, 2025 9:33 AM
To: Wu, Ernie <Ernie.Wu@tetratech.com>; Jake.Marlow@tetratech.com <Jake.Marlow@tetratech.com>
Cc: Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>
Subject: NWIRP BethPage - Q1122

Good Morning Jake,

Can you please share the compounds list that need to be analyzed under pesticides for attached COC?

Let me know.

Thanks.

NOTE: Chemtech is now an Alliance Technical Group company. Please add AllianceTG.com to your safe senders list to ensure receipt of important emails.

Regards,

Kiran Saleem
Project Manager
Alliance Technical Group
Main: 908-789-8900
Direct: 908-728-3148
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Marlow, Jake <Jake.Marlow@tetratech.com>
Sent: Monday, January 20, 2025 9:27 AM
Subject: RE: Q1122 - NWIRP Bethpage 112G08005-WE13

Hi Kiran,

Yes that is a mistake, the collection date should be 1-16-25.

Thank you,
Jake

From: Kiran Saleem <Kiran.Saleem@alliancetg.com>
Sent: Monday, January 20, 2025 9:00 AM
To: Marlow, Jake <Jake.Marlow@tetratech.com>
Cc: Wu, Ernie <Ernie.Wu@tetratech.com>
Subject: Q1122 - NWIRP Bethpage 112G08005-WE13

Good Morning Ernie,

I am reaching out regarding the samples collection date. It could be a mistake; the COC collection date says 1-16-24 while the relinquished date says 1-16-25. Please confirm the collection date. Please find attached COC.

Thank you!

NOTE: Chemtech is now an Alliance Technical Group company. Please add AllianceTG.com to your safe senders list to ensure receipt of important emails.

Regards,

Kiran Saleem
Project Manager
Alliance Technical Group
Main: 908-789-8900
Direct: 908-728-3148
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

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\PP010625\
Data File : PP068919.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 21:02
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 02:41:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 02:39:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.673	3.983	6502132	4723480	4.428	4.710
2)	SA Decachlor...	10.525	9.112	5851136	6811929	5.218	5.764
	Target Compounds						
3)	L1 AR-1016-1	5.833	5.086	2447176	1780460	55.254	50.867
4)	L1 AR-1016-2	5.855	5.105	3210534	2497388	44.993	48.892
5)	L1 AR-1016-3	5.918	5.284	2140164	1322675	49.384	46.463
6)	L1 AR-1016-4	6.016	5.324	1820374	1271452	51.429	49.575
7)	L1 AR-1016-5	6.311	5.542	1829400	1519429	52.683	47.323
31)	L7 AR-1260-1	7.434	6.585	3404979	3080015	54.114	52.470
32)	L7 AR-1260-2	7.688	6.772	4055519	3573521	53.203	53.186
33)	L7 AR-1260-3	8.048	6.928	3557300	3496072	54.143	52.838
34)	L7 AR-1260-4	8.281	7.402	3562887	2974033	53.674	51.983
35)	L7 AR-1260-5	8.613	7.642	6570641	6617843	52.111	53.857

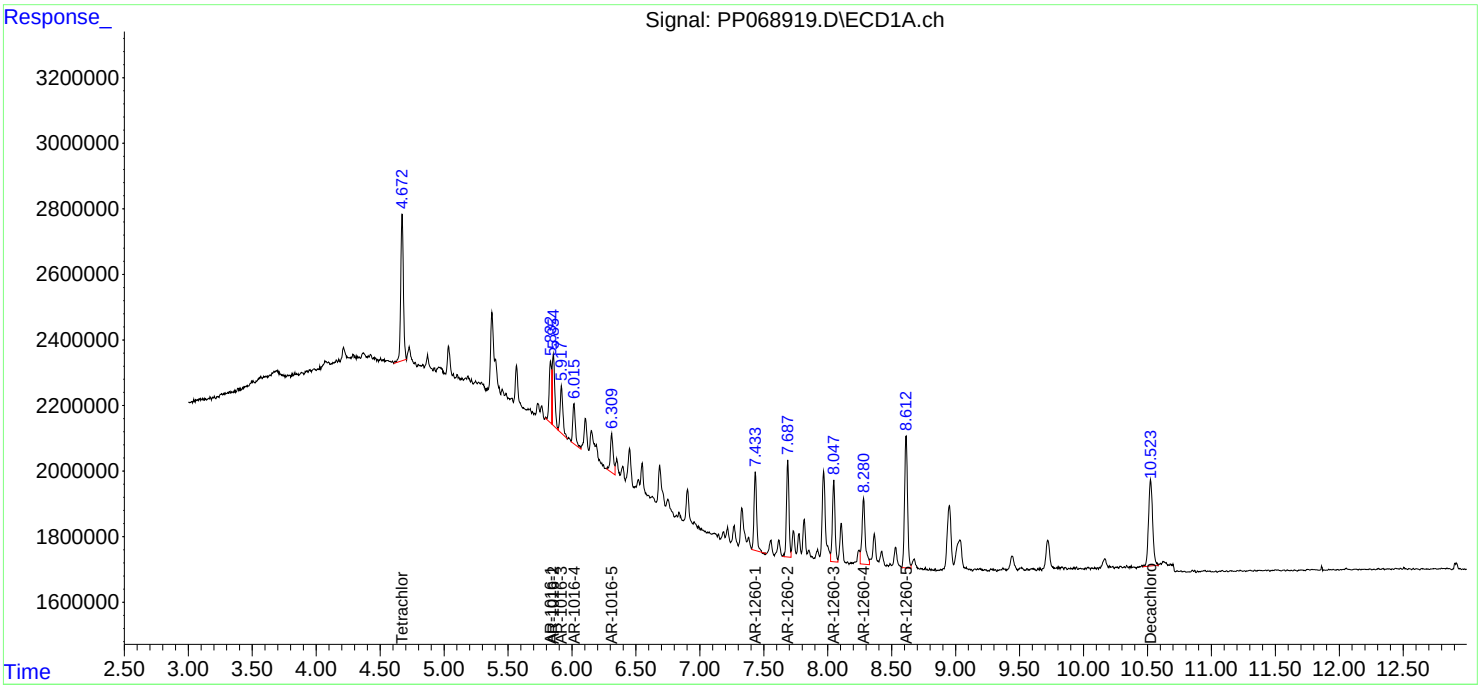
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

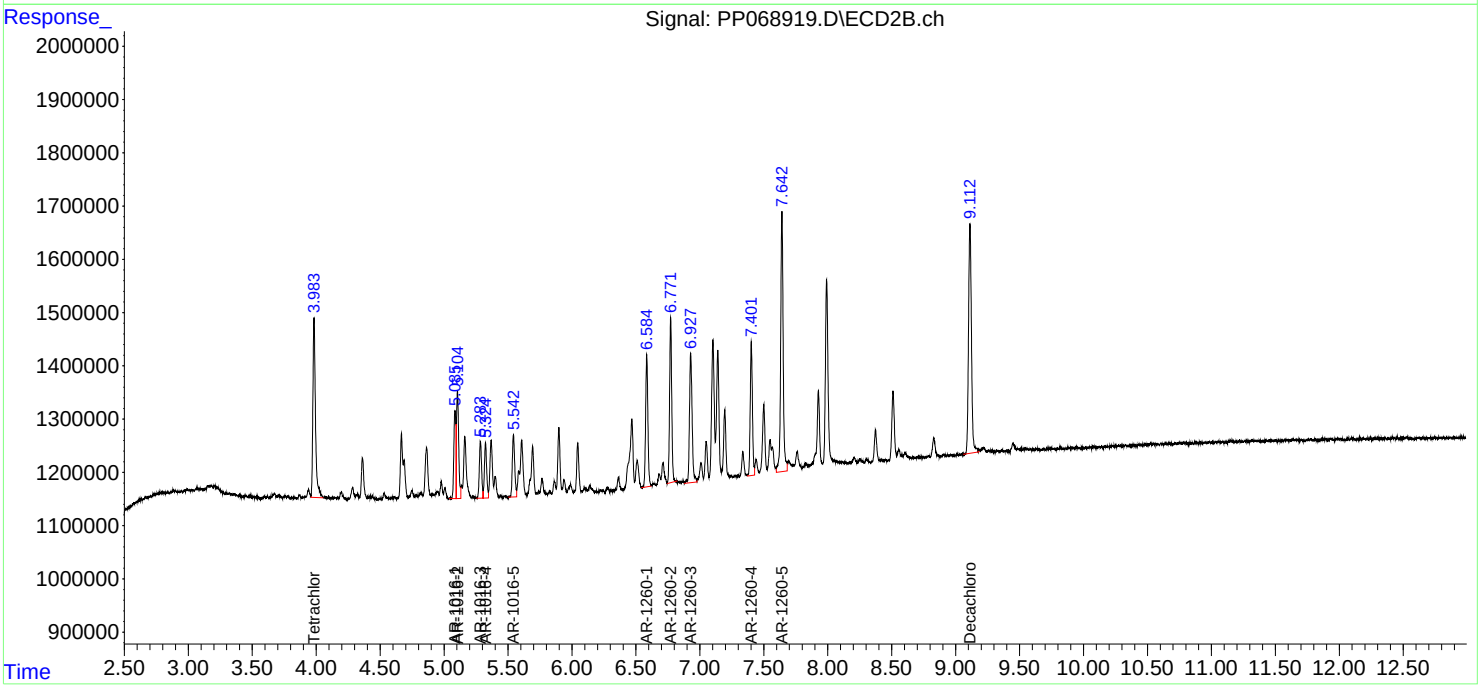
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068919.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 21:02
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

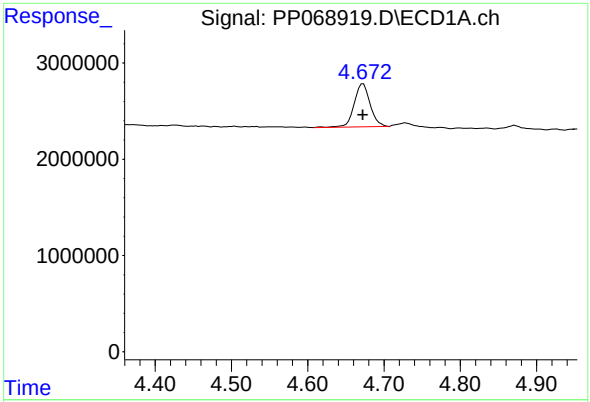
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 02:41:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 02:39:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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



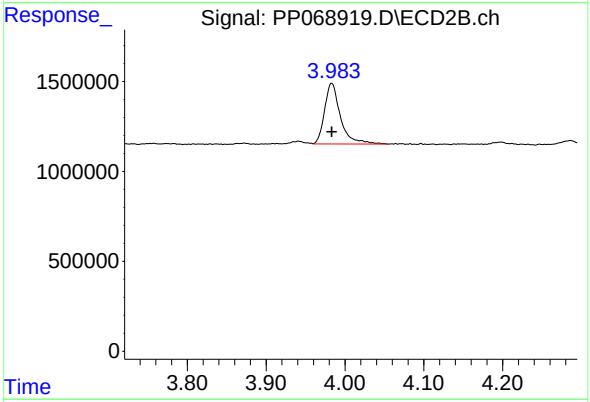




#1 Tetrachloro-m-xylene

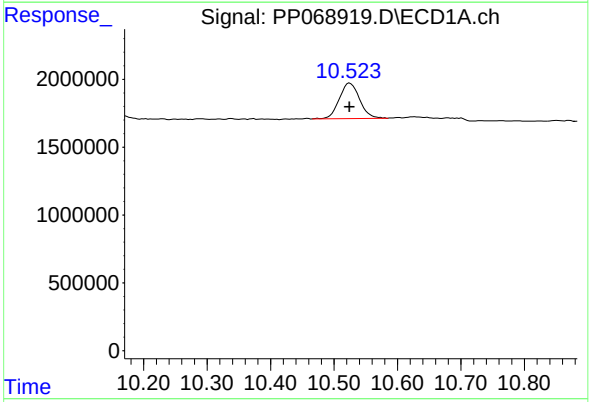
R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 6502132
Conc: 4.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



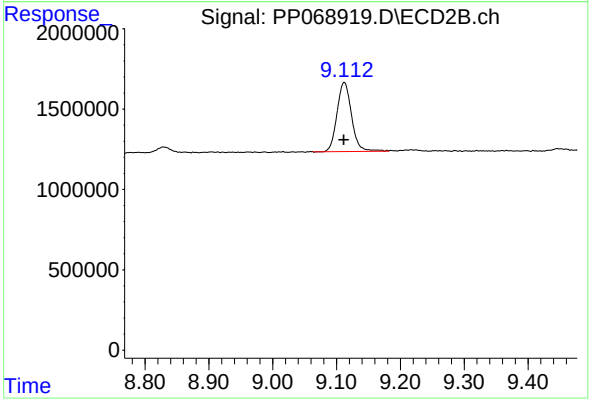
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 4723480
Conc: 4.71 ng/ml



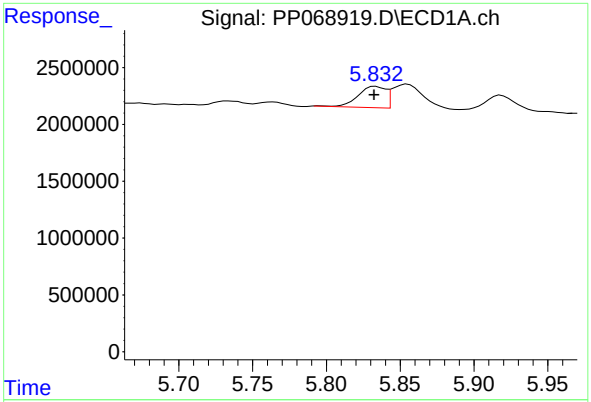
#2 Decachlorobiphenyl

R.T.: 10.525 min
Delta R.T.: 0.000 min
Response: 5851136
Conc: 5.22 ng/ml



#2 Decachlorobiphenyl

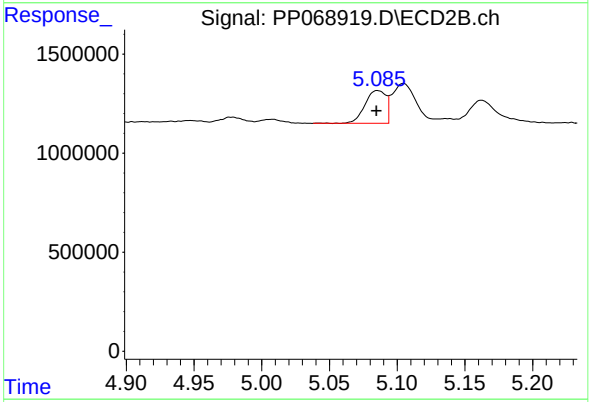
R.T.: 9.112 min
Delta R.T.: 0.000 min
Response: 6811929
Conc: 5.76 ng/ml



#3 AR-1016-1

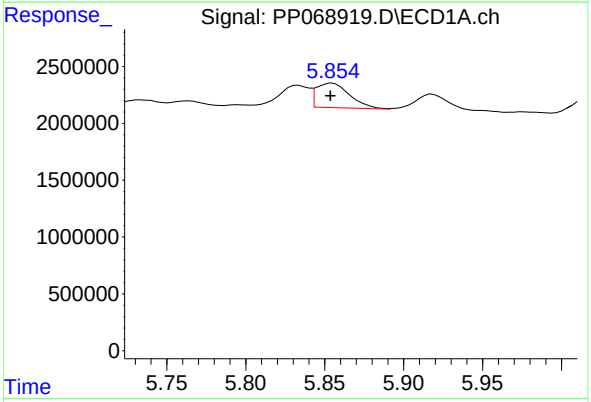
R.T.: 5.833 min
Delta R.T.: 0.001 min
Response: 2447176
Conc: 55.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



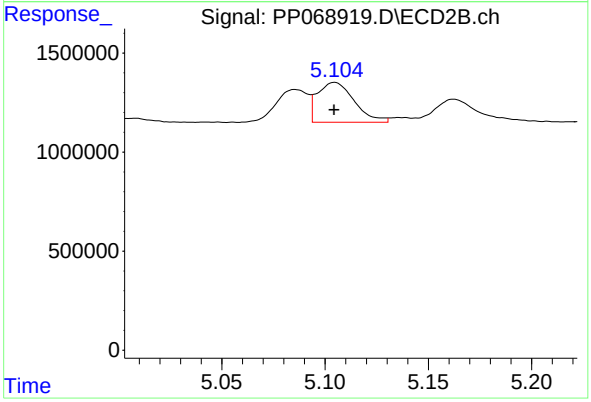
#3 AR-1016-1

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 1780460
Conc: 50.87 ng/ml



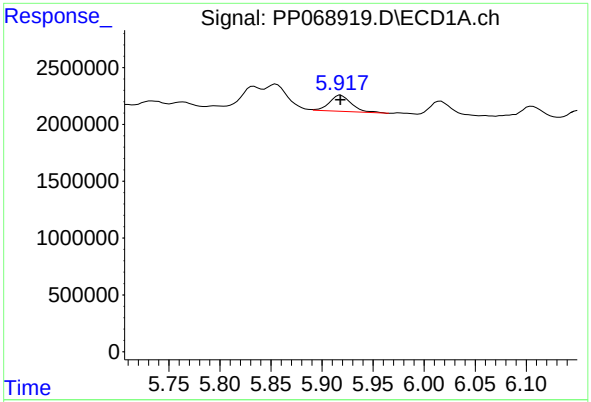
#4 AR-1016-2

R.T.: 5.855 min
Delta R.T.: 0.001 min
Response: 3210534
Conc: 44.99 ng/ml



#4 AR-1016-2

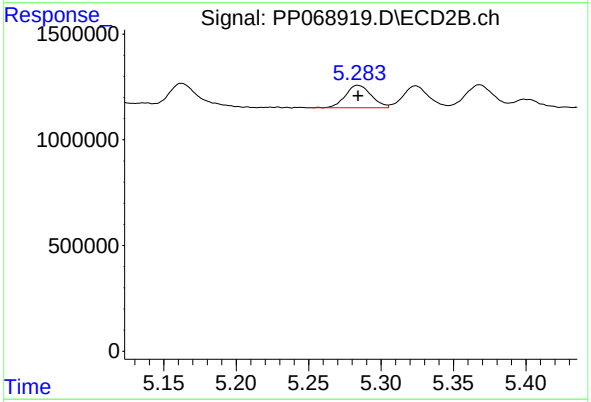
R.T.: 5.105 min
Delta R.T.: 0.000 min
Response: 2497388
Conc: 48.89 ng/ml



#5 AR-1016-3

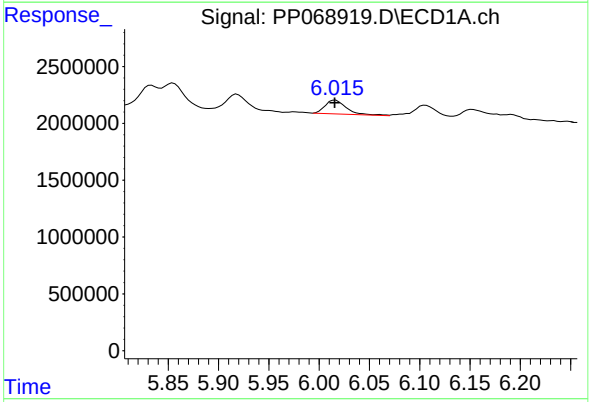
R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 2140164
Conc: 49.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



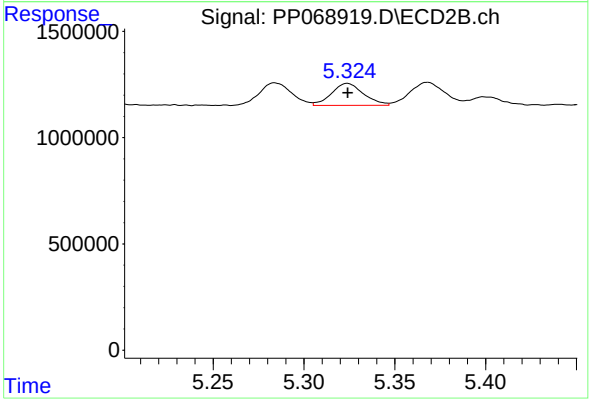
#5 AR-1016-3

R.T.: 5.284 min
Delta R.T.: 0.000 min
Response: 1322675
Conc: 46.46 ng/ml



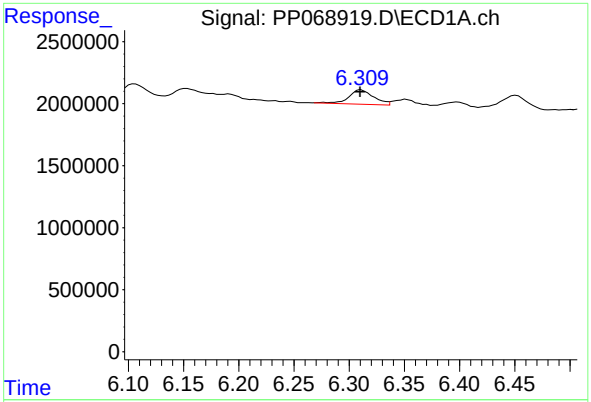
#6 AR-1016-4

R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 1820374
Conc: 51.43 ng/ml



#6 AR-1016-4

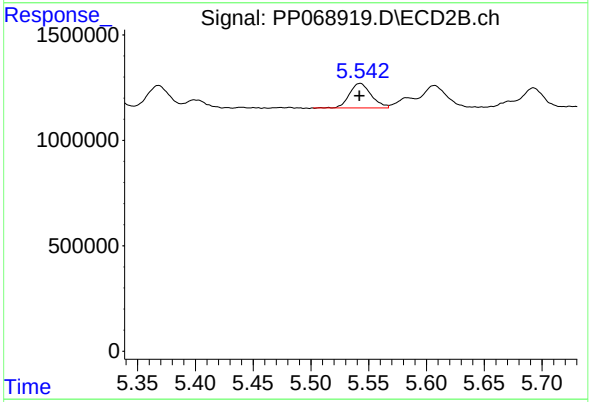
R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 1271452
Conc: 49.57 ng/ml



#7 AR-1016-5

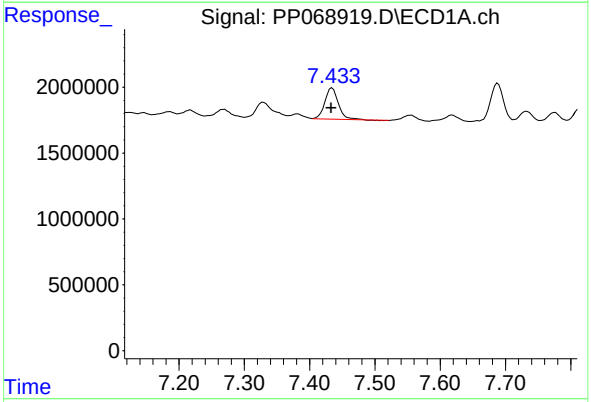
R.T.: 6.311 min
Delta R.T.: 0.001 min
Response: 1829400
Conc: 52.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



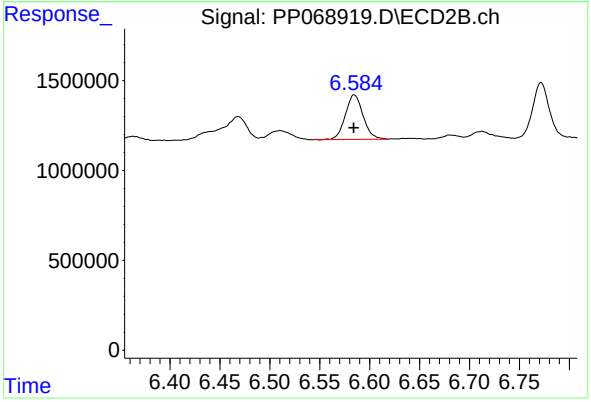
#7 AR-1016-5

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 1519429
Conc: 47.32 ng/ml



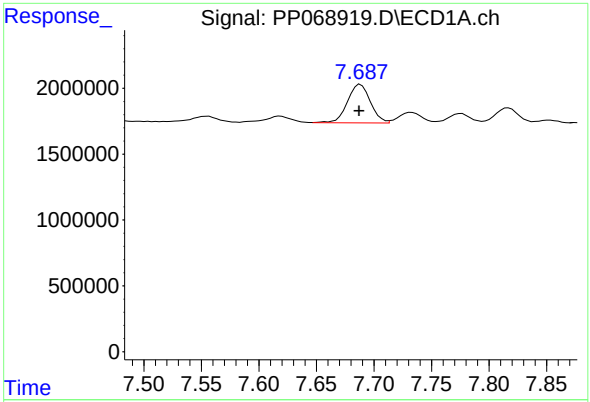
#31 AR-1260-1

R.T.: 7.434 min
Delta R.T.: 0.001 min
Response: 3404979
Conc: 54.11 ng/ml



#31 AR-1260-1

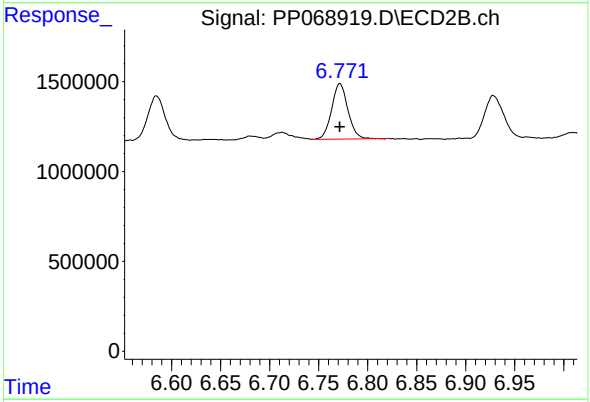
R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 3080015
Conc: 52.47 ng/ml



#32 AR-1260-2

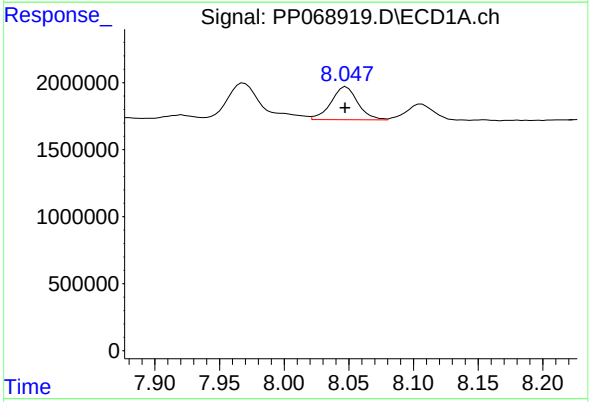
R.T.: 7.688 min
Delta R.T.: 0.001 min
Response: 4055519
Conc: 53.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



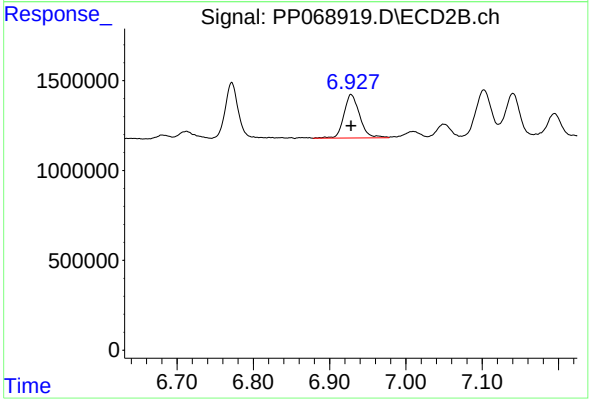
#32 AR-1260-2

R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 3573521
Conc: 53.19 ng/ml



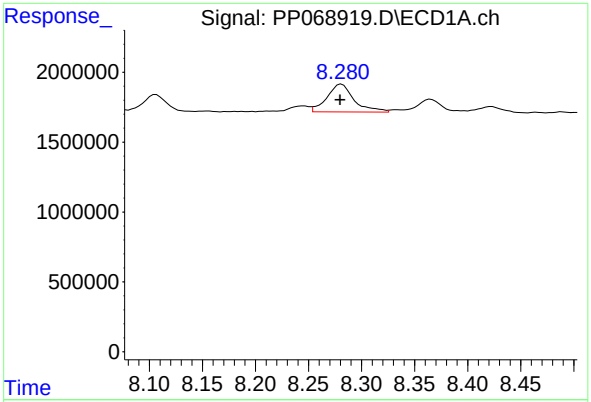
#33 AR-1260-3

R.T.: 8.048 min
Delta R.T.: 0.001 min
Response: 3557300
Conc: 54.14 ng/ml



#33 AR-1260-3

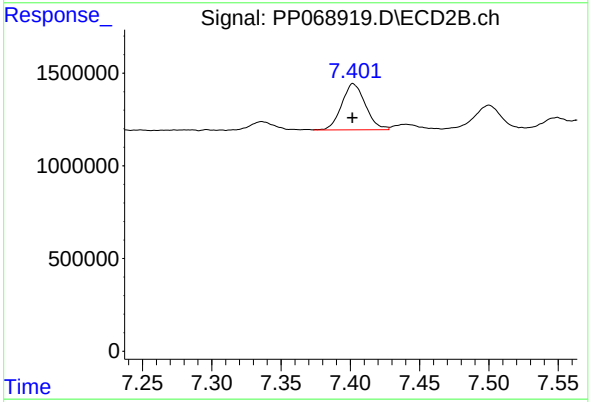
R.T.: 6.928 min
Delta R.T.: 0.000 min
Response: 3496072
Conc: 52.84 ng/ml



#34 AR-1260-4

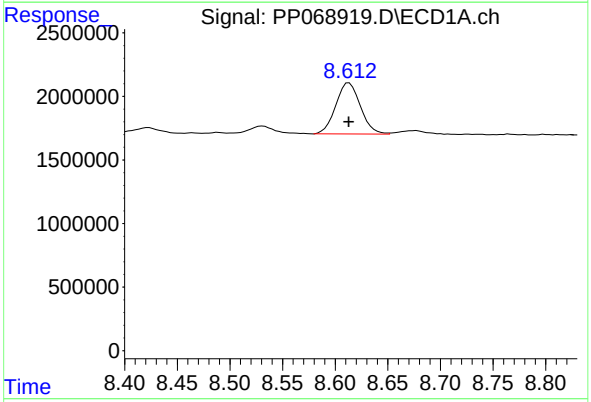
R.T.: 8.281 min
Delta R.T.: 0.001 min
Response: 3562887
Conc: 53.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



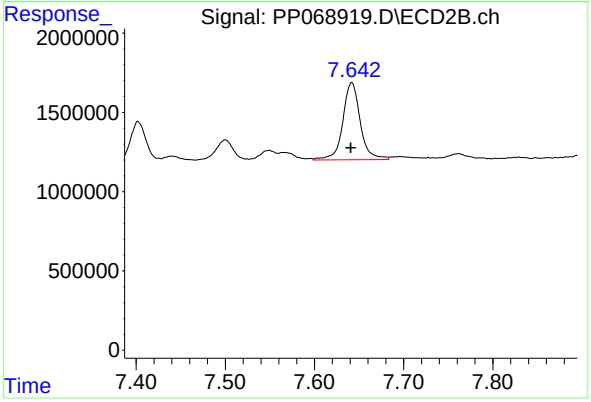
#34 AR-1260-4

R.T.: 7.402 min
Delta R.T.: 0.000 min
Response: 2974033
Conc: 51.98 ng/ml



#35 AR-1260-5

R.T.: 8.613 min
Delta R.T.: 0.000 min
Response: 6570641
Conc: 52.11 ng/ml



#35 AR-1260-5

R.T.: 7.642 min
Delta R.T.: 0.001 min
Response: 6617843
Conc: 53.86 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068932.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 00:34
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:54:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 04:31:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.673	3.983	136.6E6	101.0E6	93.314	95.568
2)	SA Decachlor...	10.522	9.111	106.7E6	108.7E6	91.624	89.877
	Target Compounds						
26)	L6 AR-1254-1	6.687	5.898	72938570	54013826	1403.431	897.551 #
27)	L6 AR-1254-2	6.905	6.045	74069643	47307501	903.115	887.343
28)	L6 AR-1254-3	7.269	6.453	74567235	74830722	917.733	901.418
29)	L6 AR-1254-4	7.552	6.682	56677692	41013798	922.013	905.924
30)	L6 AR-1254-5	7.970	7.102	71364341	68187162	1069.803	898.577

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

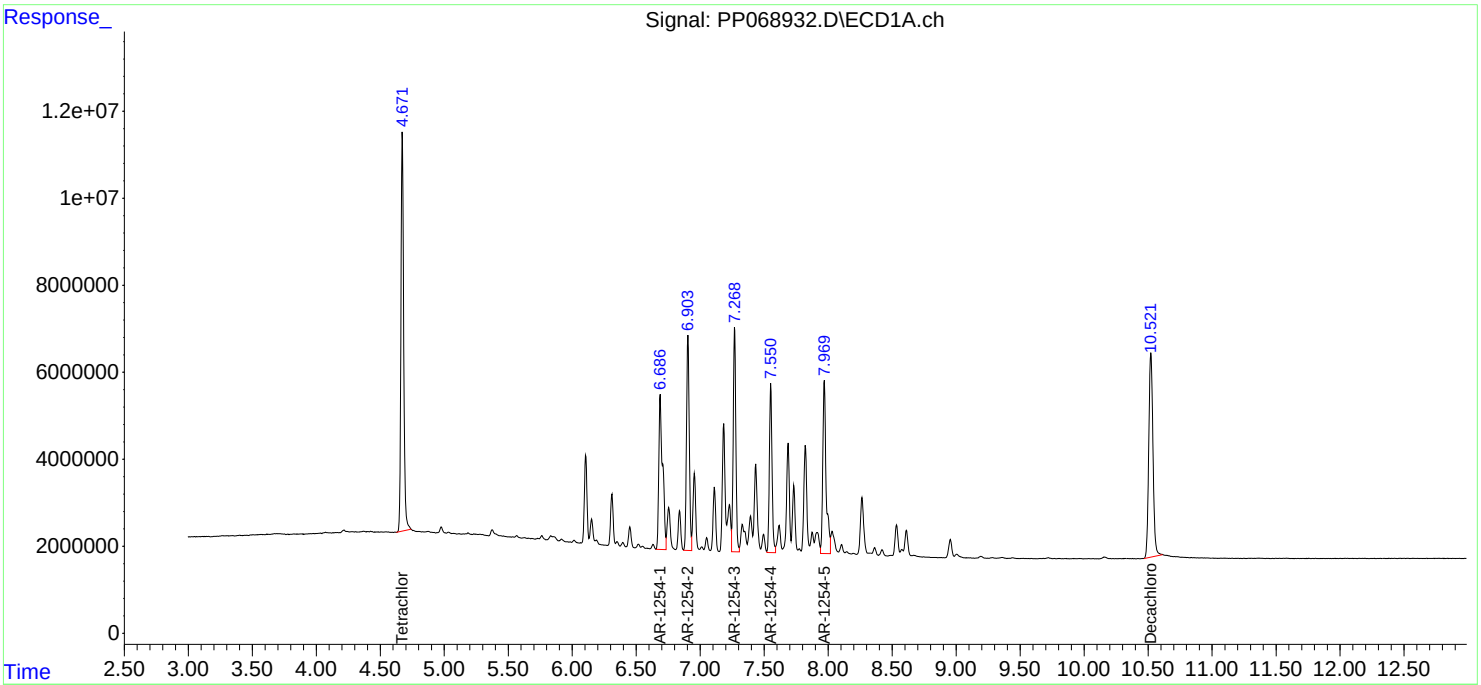
Quantitation Report (Not Reviewed)

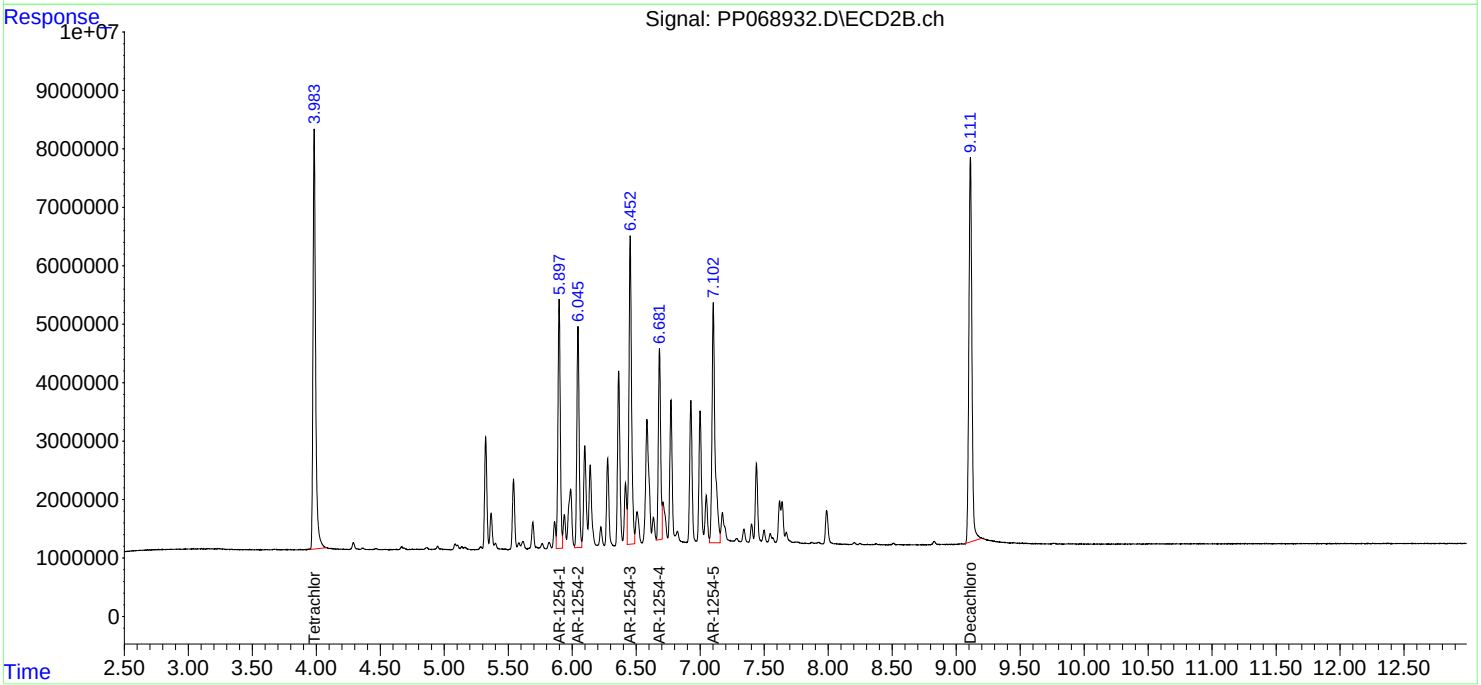
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068932.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 00:34
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

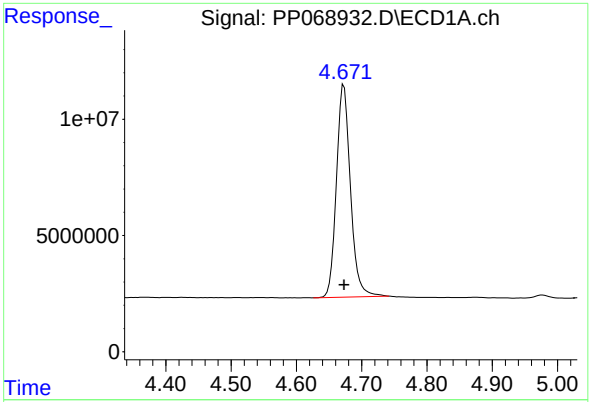
Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:54:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 04:31:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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



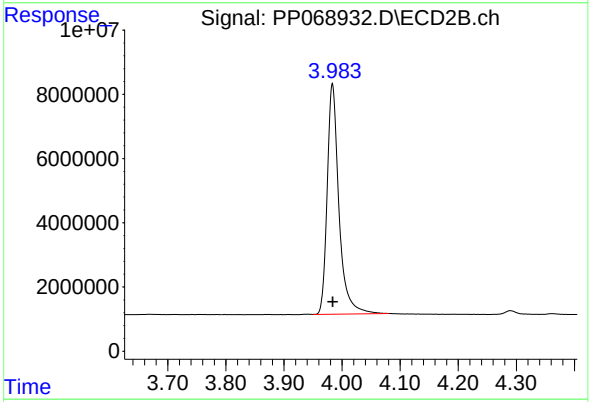




#1 Tetrachloro-m-xylene

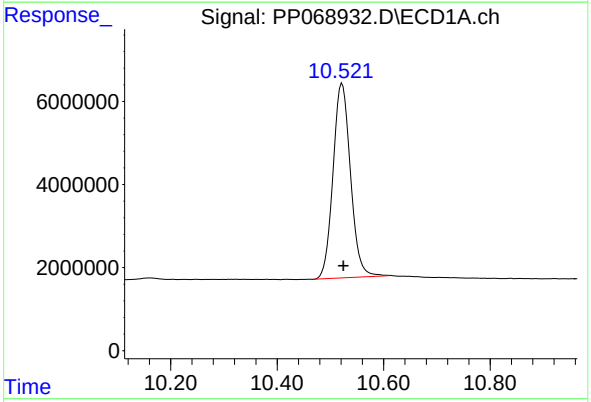
R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 136577578
Conc: 93.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



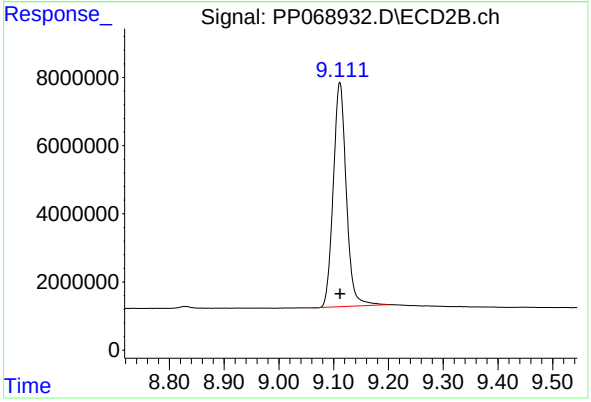
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 100951130
Conc: 95.57 ng/ml



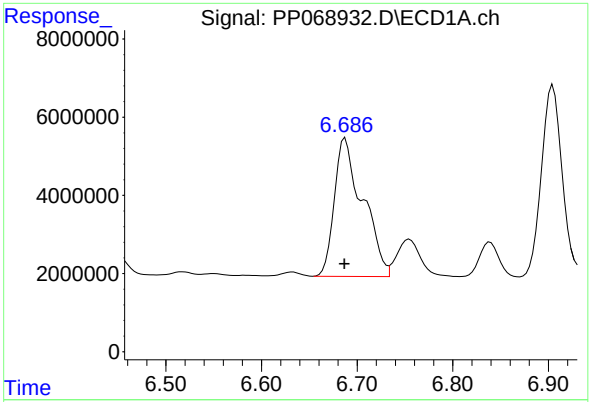
#2 Decachlorobiphenyl

R.T.: 10.522 min
Delta R.T.: -0.002 min
Response: 106683896
Conc: 91.62 ng/ml



#2 Decachlorobiphenyl

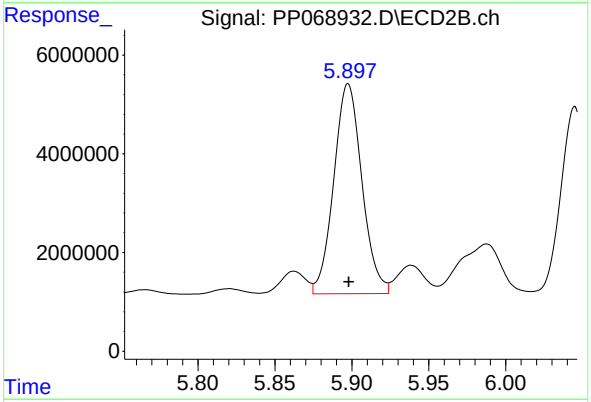
R.T.: 9.111 min
Delta R.T.: 0.000 min
Response: 108709644
Conc: 89.88 ng/ml



#26 AR-1254-1

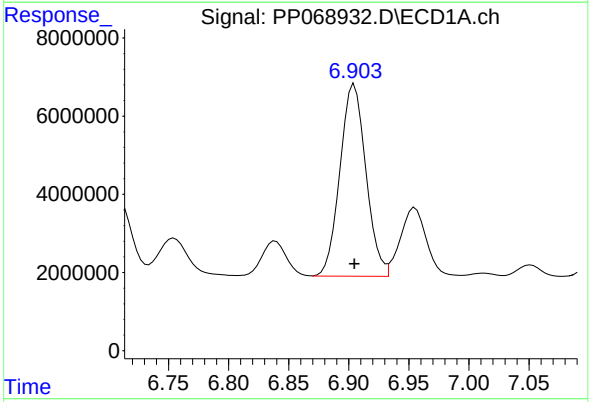
R.T.: 6.687 min
Delta R.T.: 0.000 min
Response: 72938570
Conc: 1403.43 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



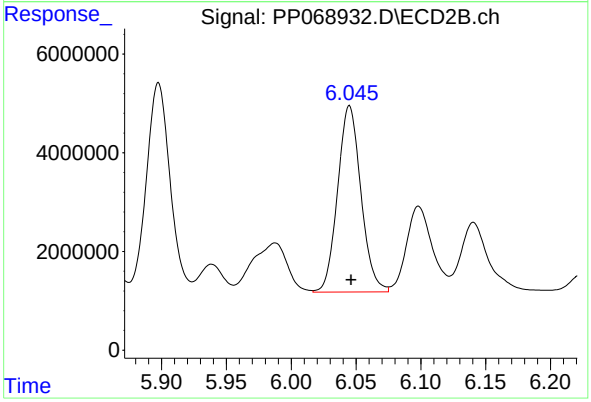
#26 AR-1254-1

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 54013826
Conc: 897.55 ng/ml



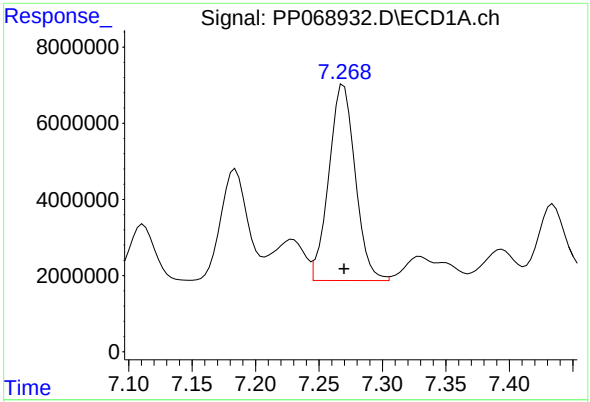
#27 AR-1254-2

R.T.: 6.905 min
Delta R.T.: 0.000 min
Response: 74069643
Conc: 903.11 ng/ml



#27 AR-1254-2

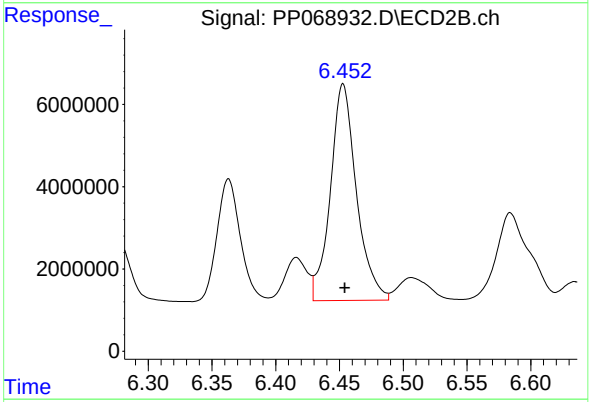
R.T.: 6.045 min
Delta R.T.: -0.001 min
Response: 47307501
Conc: 887.34 ng/ml



#28 AR-1254-3

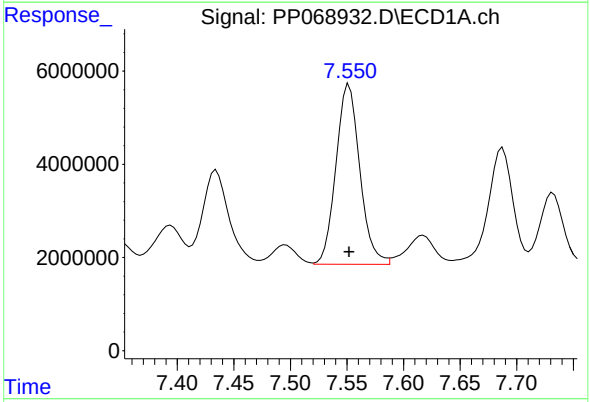
R.T.: 7.269 min
Delta R.T.: 0.000 min
Response: 74567235
Conc: 917.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



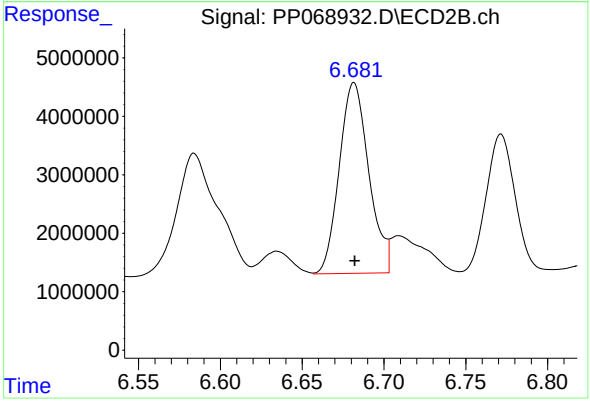
#28 AR-1254-3

R.T.: 6.453 min
Delta R.T.: -0.001 min
Response: 74830722
Conc: 901.42 ng/ml



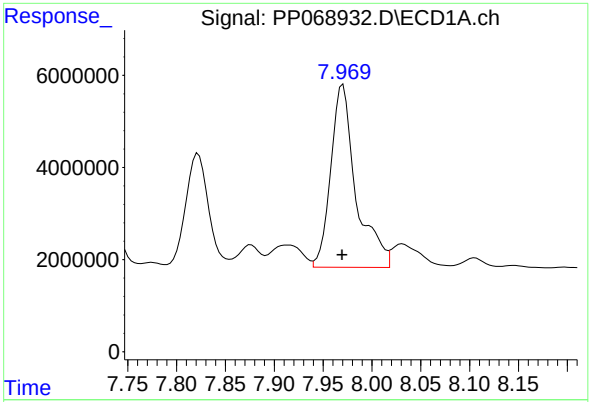
#29 AR-1254-4

R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 56677692
Conc: 922.01 ng/ml



#29 AR-1254-4

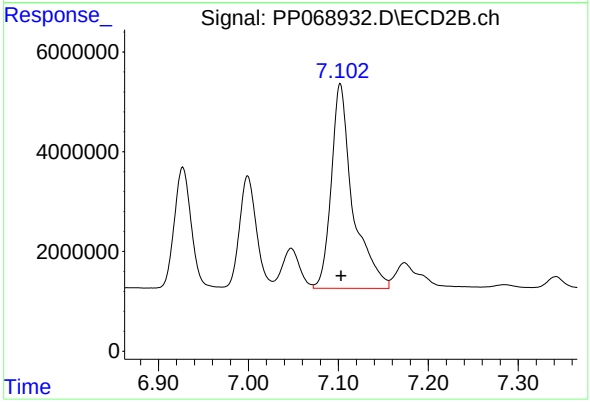
R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 41013798
Conc: 905.92 ng/ml



#30 AR-1254-5

R.T.: 7.970 min
Delta R.T.: 0.001 min
Response: 71364341
Conc: 1069.80 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



#30 AR-1254-5

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 68187162
Conc: 898.58 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068933.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 00:50
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:54:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 04:31:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.671	3.984	106.9E6	75278983	73.071	71.265
2)	SA Decachlor...	10.523	9.112	82683461	83056199	71.012	68.668
	Target Compounds						
26)	L6 AR-1254-1	6.686	5.898	57330629	41511131	1103.114	689.793 #
27)	L6 AR-1254-2	6.903	6.046	58377926	36681331	711.789	688.028
28)	L6 AR-1254-3	7.267	6.454	58428208	56602418	719.103	681.838
29)	L6 AR-1254-4	7.550	6.682	44143441	31095944	718.110	686.856
30)	L6 AR-1254-5	7.968	7.104	55547751	52459322	832.701	691.314

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

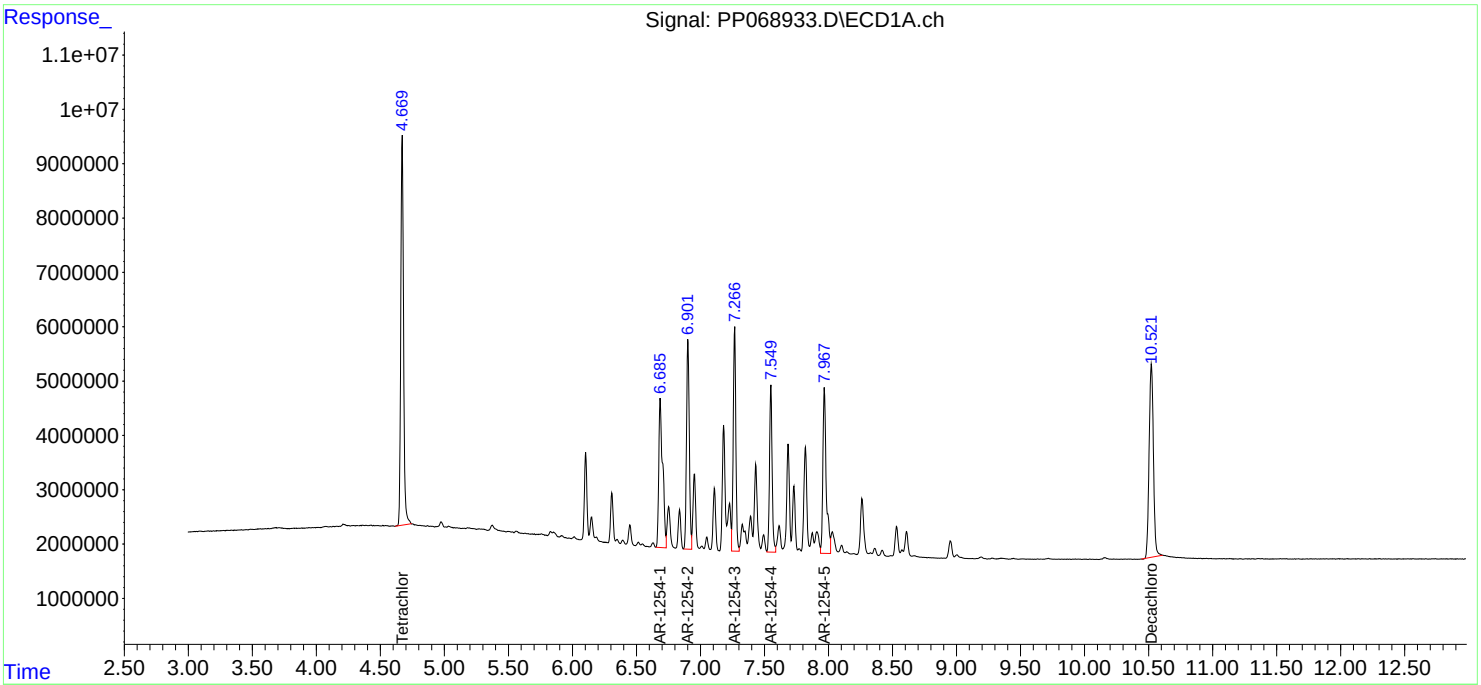
Quantitation Report (Not Reviewed)

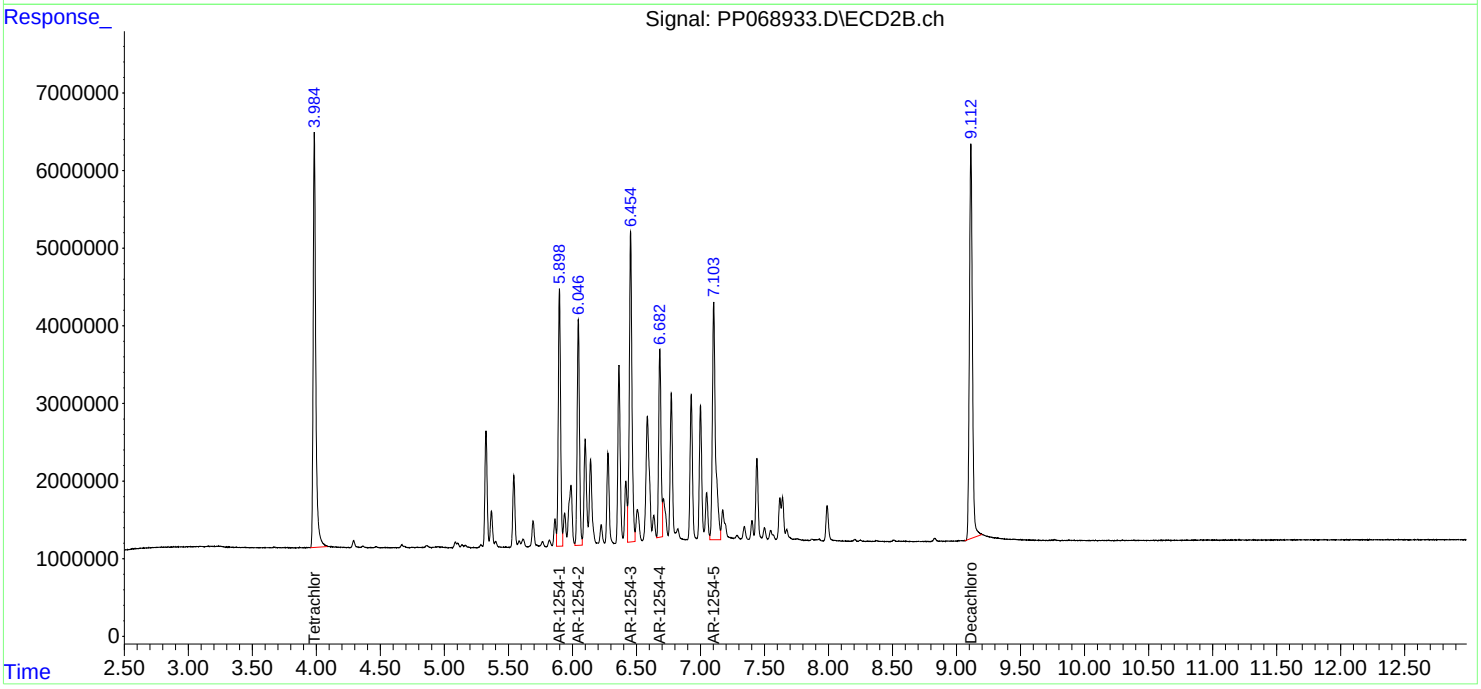
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068933.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 00:50
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

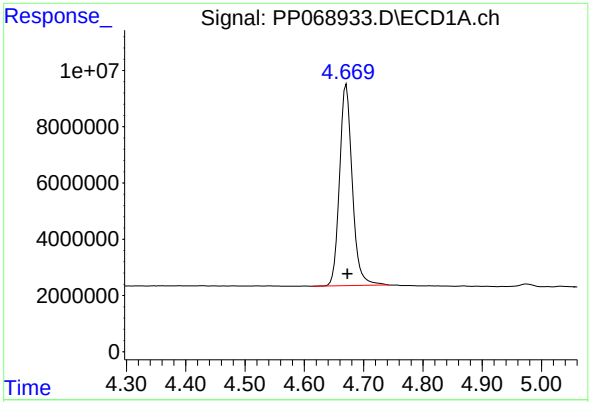
Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:54:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 04:31:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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



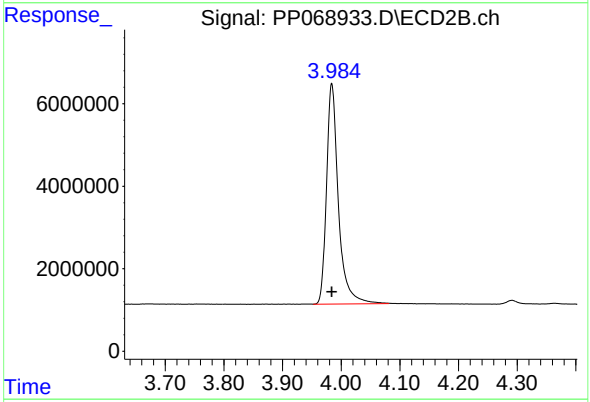




#1 Tetrachloro-m-xylene

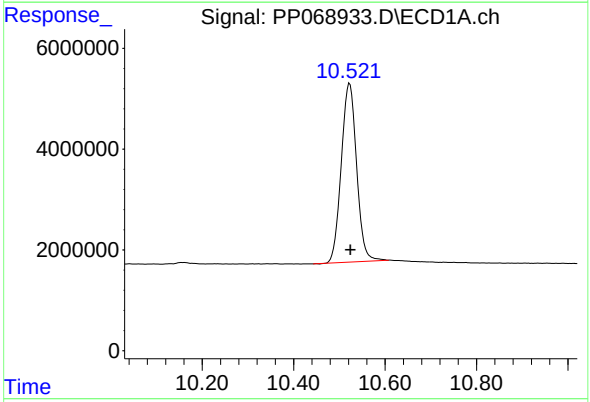
R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 106949283
Conc: 73.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



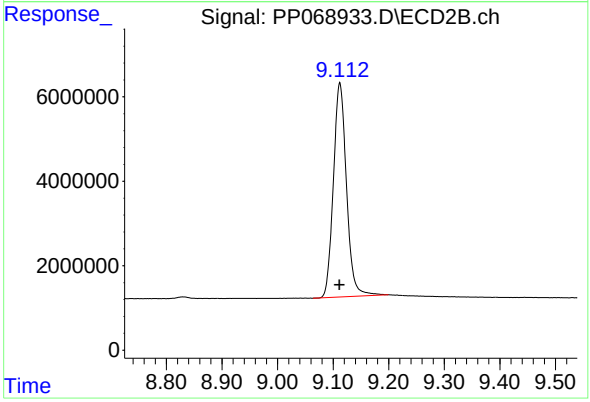
#1 Tetrachloro-m-xylene

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 75278983
Conc: 71.27 ng/ml



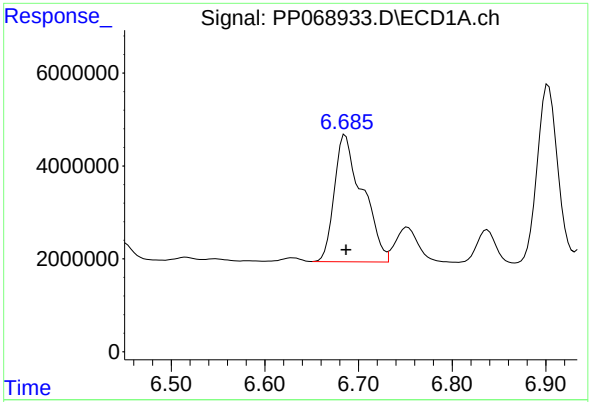
#2 Decachlorobiphenyl

R.T.: 10.523 min
Delta R.T.: -0.002 min
Response: 82683461
Conc: 71.01 ng/ml



#2 Decachlorobiphenyl

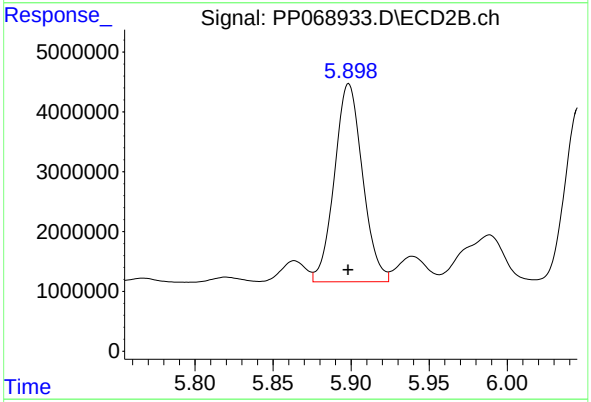
R.T.: 9.112 min
Delta R.T.: 0.000 min
Response: 83056199
Conc: 68.67 ng/ml



#26 AR-1254-1

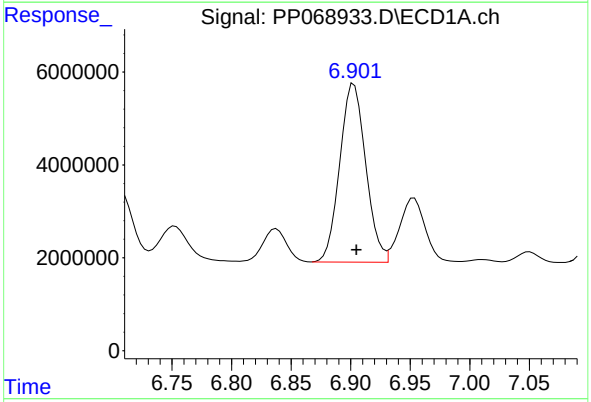
R.T.: 6.686 min
Delta R.T.: 0.000 min
Response: 57330629
Conc: 1103.11 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



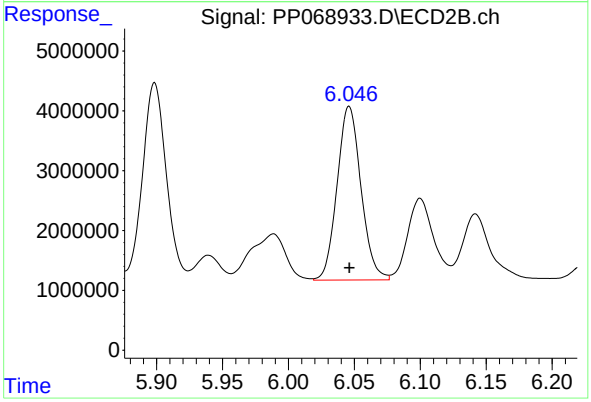
#26 AR-1254-1

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 41511131
Conc: 689.79 ng/ml



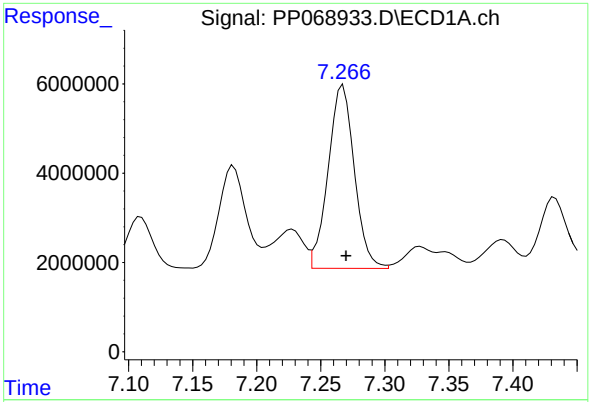
#27 AR-1254-2

R.T.: 6.903 min
Delta R.T.: -0.002 min
Response: 58377926
Conc: 711.79 ng/ml



#27 AR-1254-2

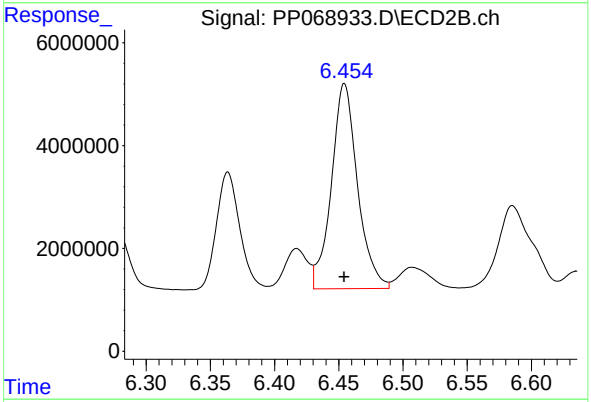
R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 36681331
Conc: 688.03 ng/ml



#28 AR-1254-3

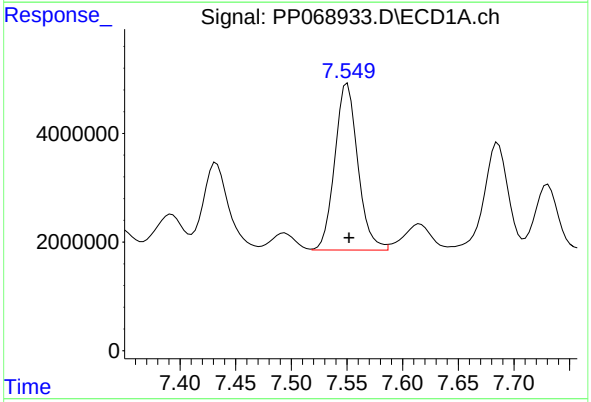
R.T.: 7.267 min
Delta R.T.: -0.002 min
Response: 58428208
Conc: 719.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



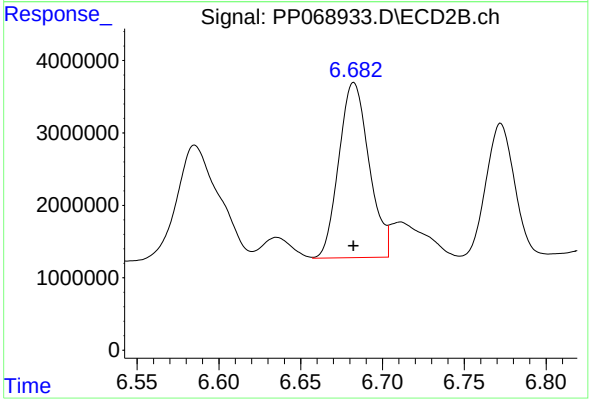
#28 AR-1254-3

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 56602418
Conc: 681.84 ng/ml



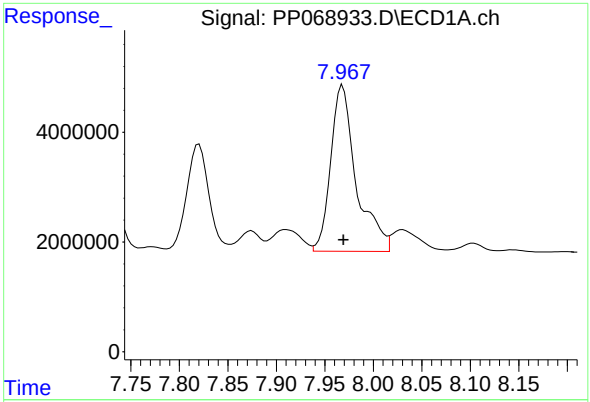
#29 AR-1254-4

R.T.: 7.550 min
Delta R.T.: -0.001 min
Response: 44143441
Conc: 718.11 ng/ml



#29 AR-1254-4

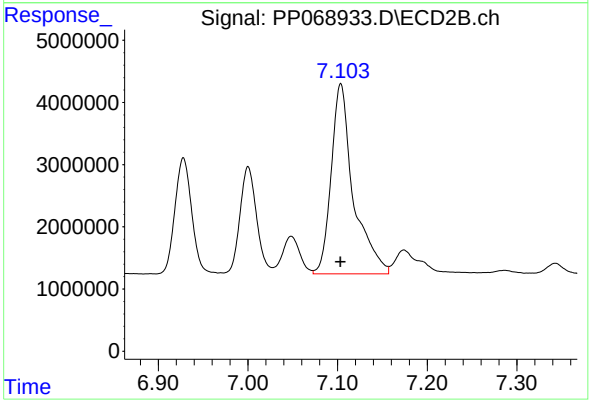
R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 31095944
Conc: 686.86 ng/ml



#30 AR-1254-5

R.T.: 7.968 min
Delta R.T.: 0.000 min
Response: 55547751
Conc: 832.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



#30 AR-1254-5

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 52459322
Conc: 691.31 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068934.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 01:06
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:54:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 04:31:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.673	3.984	73181891	52816122	50.000	50.000
2)	SA Decachlor...	10.524	9.112	58218143	60476974	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	6.688	5.898	40033259	30089562	770.291	500.000 #
27)	L6 AR-1254-2	6.905	6.046	41007881	26656844	500.000	500.000
28)	L6 AR-1254-3	7.270	6.454	40625772	41507230	500.000	500.000
29)	L6 AR-1254-4	7.552	6.682	30735830	22636451	500.000	500.000
30)	L6 AR-1254-5	7.971	7.103	39017689	37941762	584.904	500.000

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

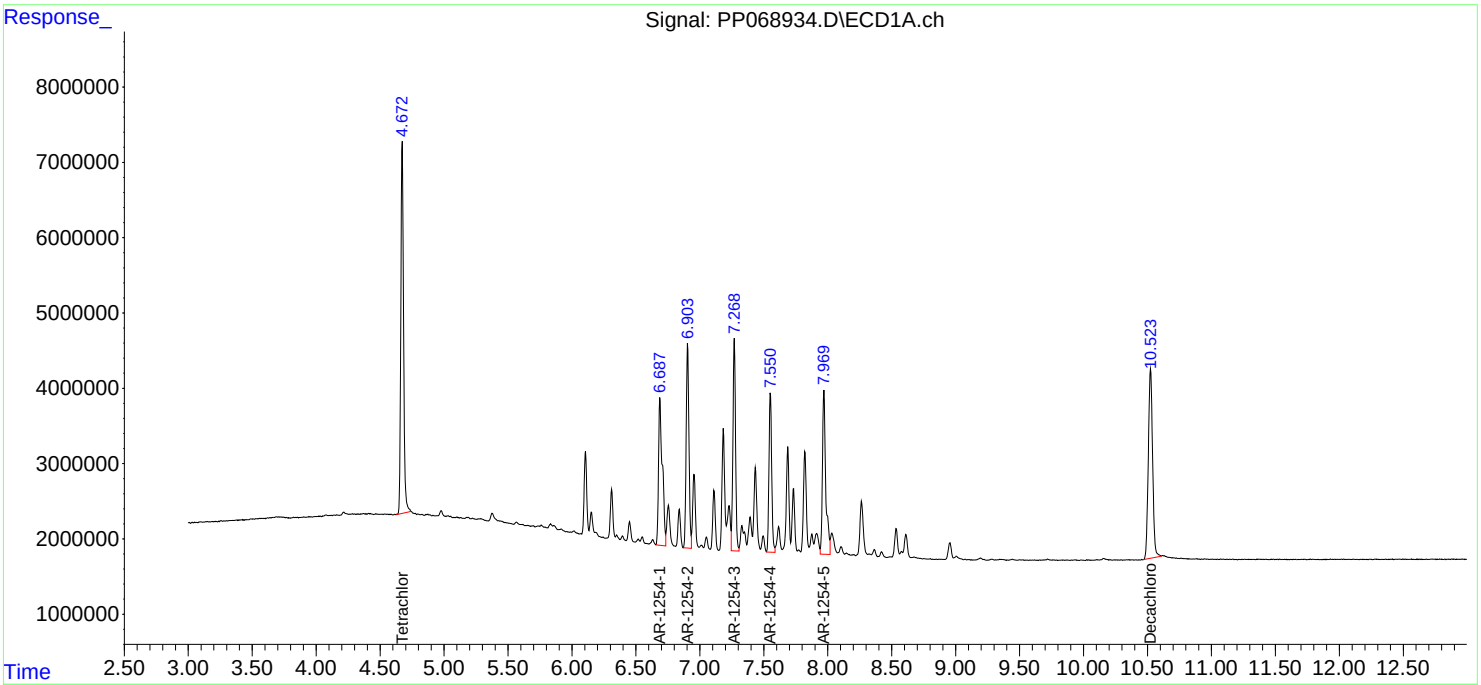
Quantitation Report (Not Reviewed)

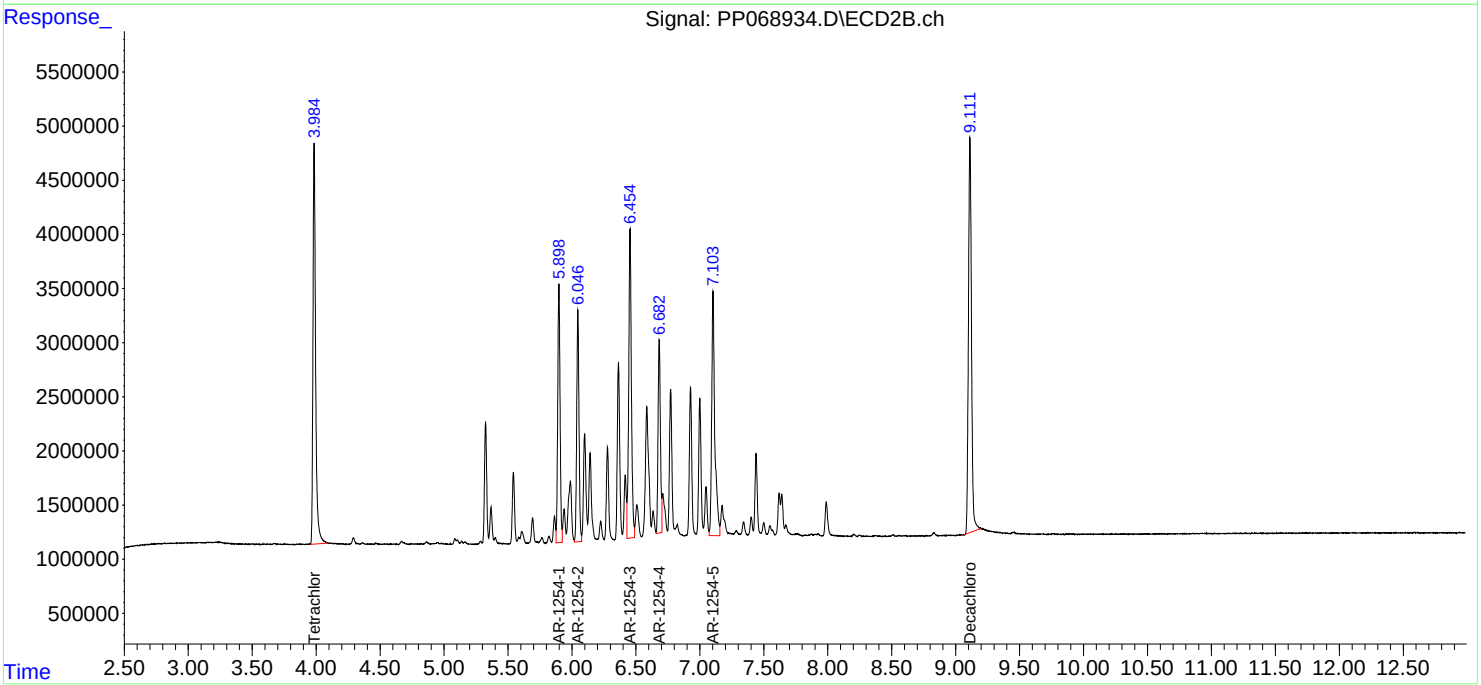
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068934.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 01:06
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

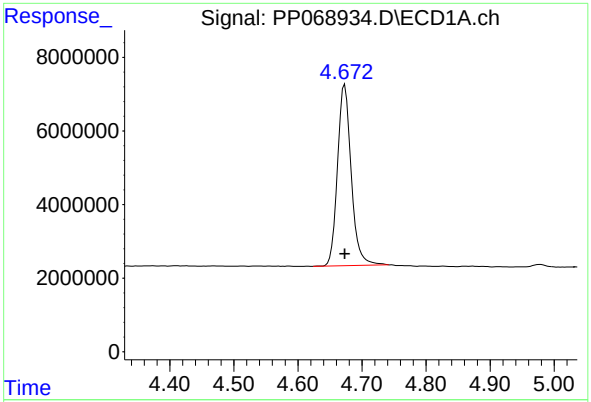
Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:54:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 04:31:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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



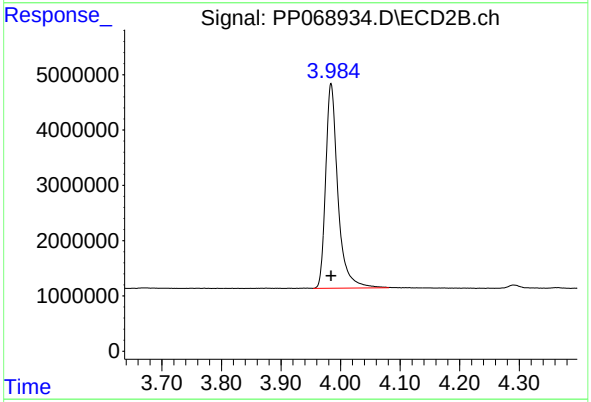




#1 Tetrachloro-m-xylene

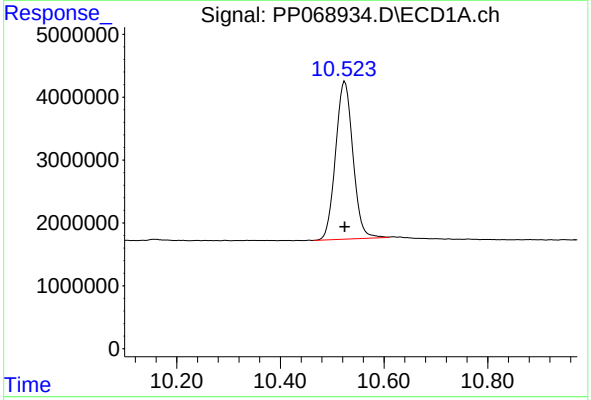
R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 73181891
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



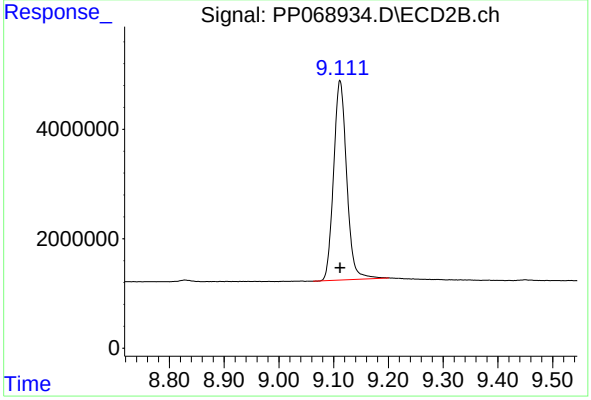
#1 Tetrachloro-m-xylene

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 52816122
Conc: 50.00 ng/ml



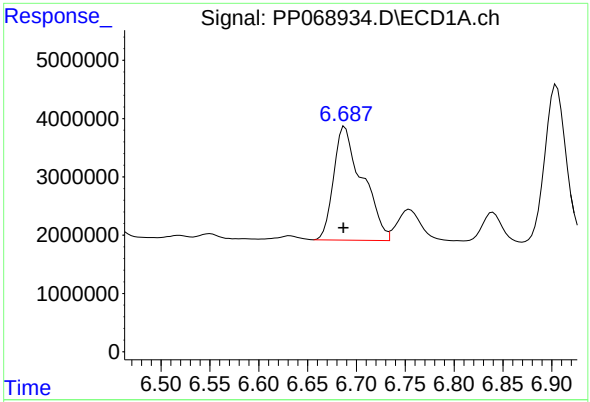
#2 Decachlorobiphenyl

R.T.: 10.524 min
Delta R.T.: 0.000 min
Response: 58218143
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

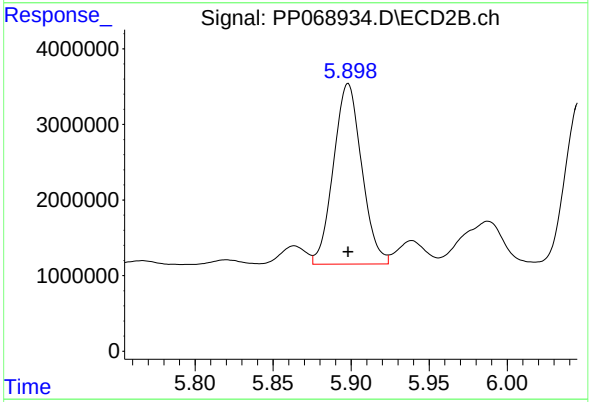
R.T.: 9.112 min
Delta R.T.: 0.000 min
Response: 60476974
Conc: 50.00 ng/ml



#26 AR-1254-1

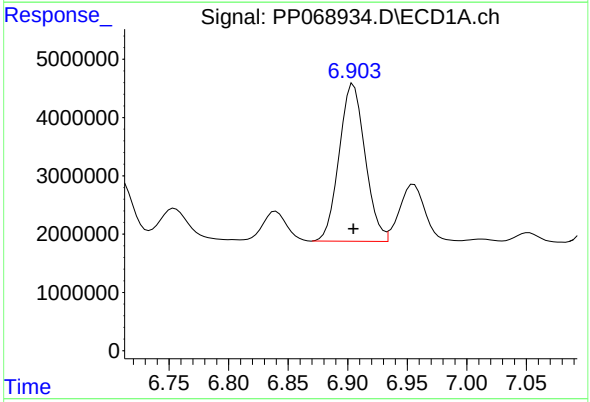
R.T.: 6.688 min
Delta R.T.: 0.001 min
Response: 40033259
Conc: 770.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



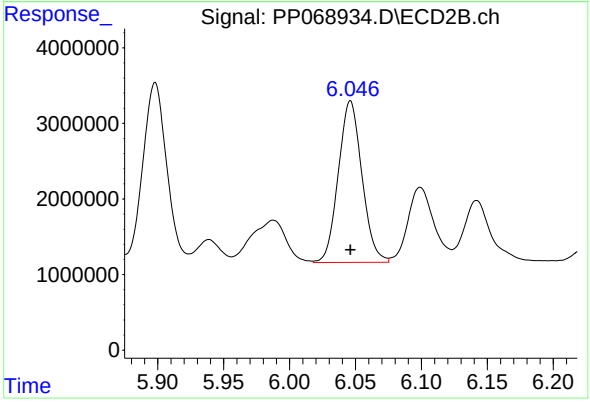
#26 AR-1254-1

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 30089562
Conc: 500.00 ng/ml



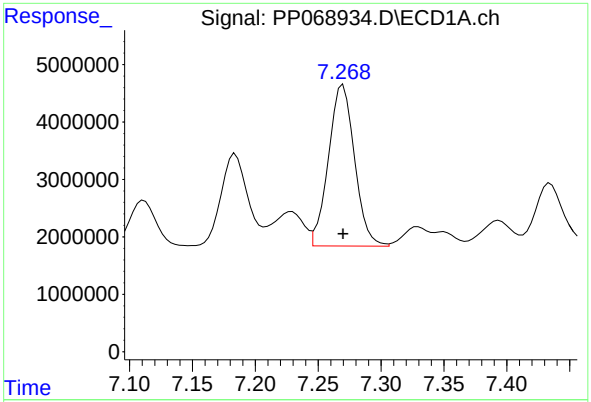
#27 AR-1254-2

R.T.: 6.905 min
Delta R.T.: 0.000 min
Response: 41007881
Conc: 500.00 ng/ml



#27 AR-1254-2

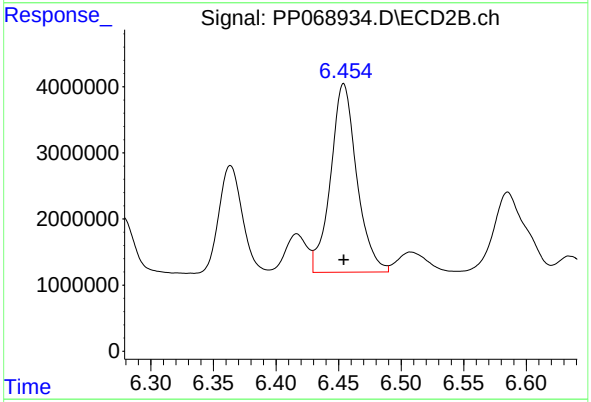
R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 26656844
Conc: 500.00 ng/ml



#28 AR-1254-3

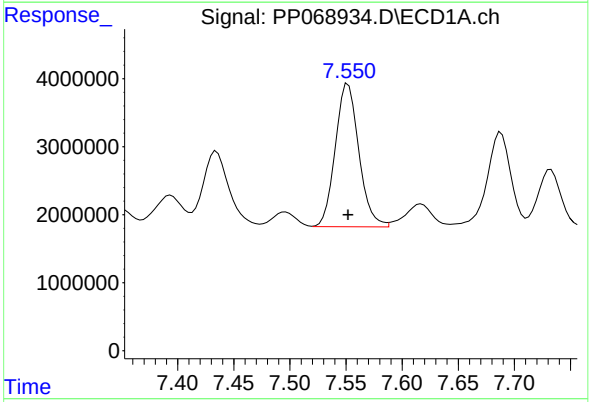
R.T.: 7.270 min
Delta R.T.: 0.000 min
Response: 40625772
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



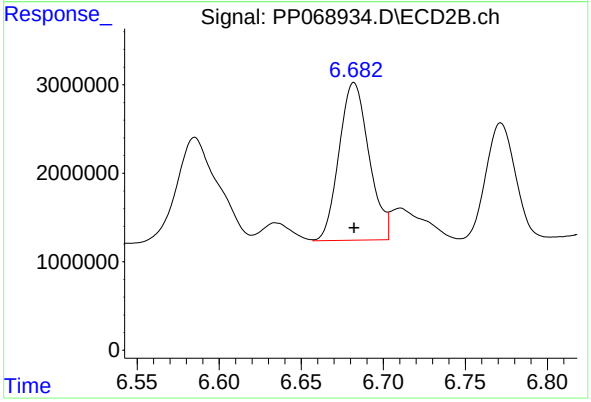
#28 AR-1254-3

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 41507230
Conc: 500.00 ng/ml



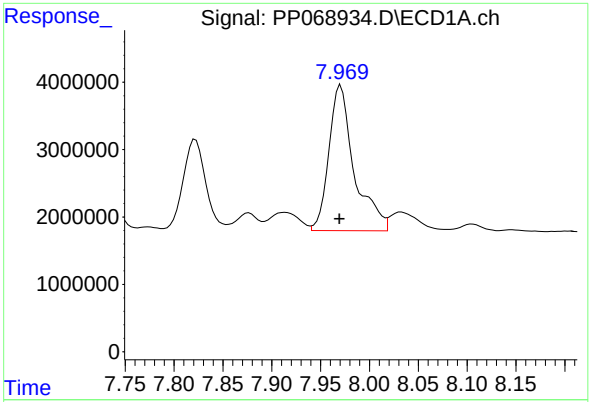
#29 AR-1254-4

R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 30735830
Conc: 500.00 ng/ml



#29 AR-1254-4

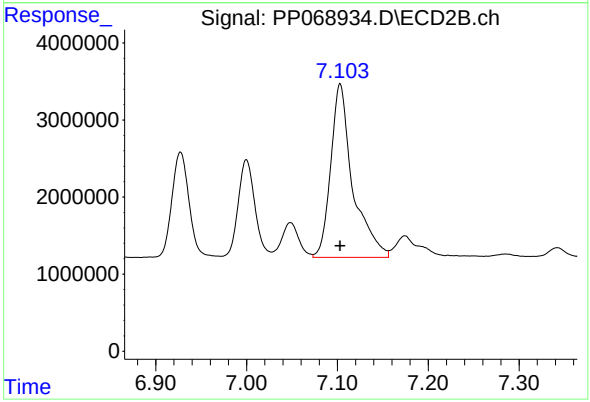
R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 22636451
Conc: 500.00 ng/ml



#30 AR-1254-5

R.T.: 7.971 min
Delta R.T.: 0.001 min
Response: 39017689
Conc: 584.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



#30 AR-1254-5

R.T.: 7.103 min
Delta R.T.: 0.000 min
Response: 37941762
Conc: 500.00 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068935.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 01:22
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:55:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 04:31:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.672	3.983	37802873	26914889	25.828	25.480
2)	SA Decachlor...	10.524	9.112	30405057	32949823	26.113	27.242
	Target Compounds						
26)	L6 AR-1254-1	6.687	5.898	21225585	16528283	408.407	274.651 #
27)	L6 AR-1254-2	6.904	6.045	21595154	14763310	263.305	276.914
28)	L6 AR-1254-3	7.268	6.454	21385186	22387356	263.197	269.680
29)	L6 AR-1254-4	7.551	6.682	16198411	12382863	263.510	273.516
30)	L6 AR-1254-5	7.969	7.102	20128808	19999727	301.745	263.558

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

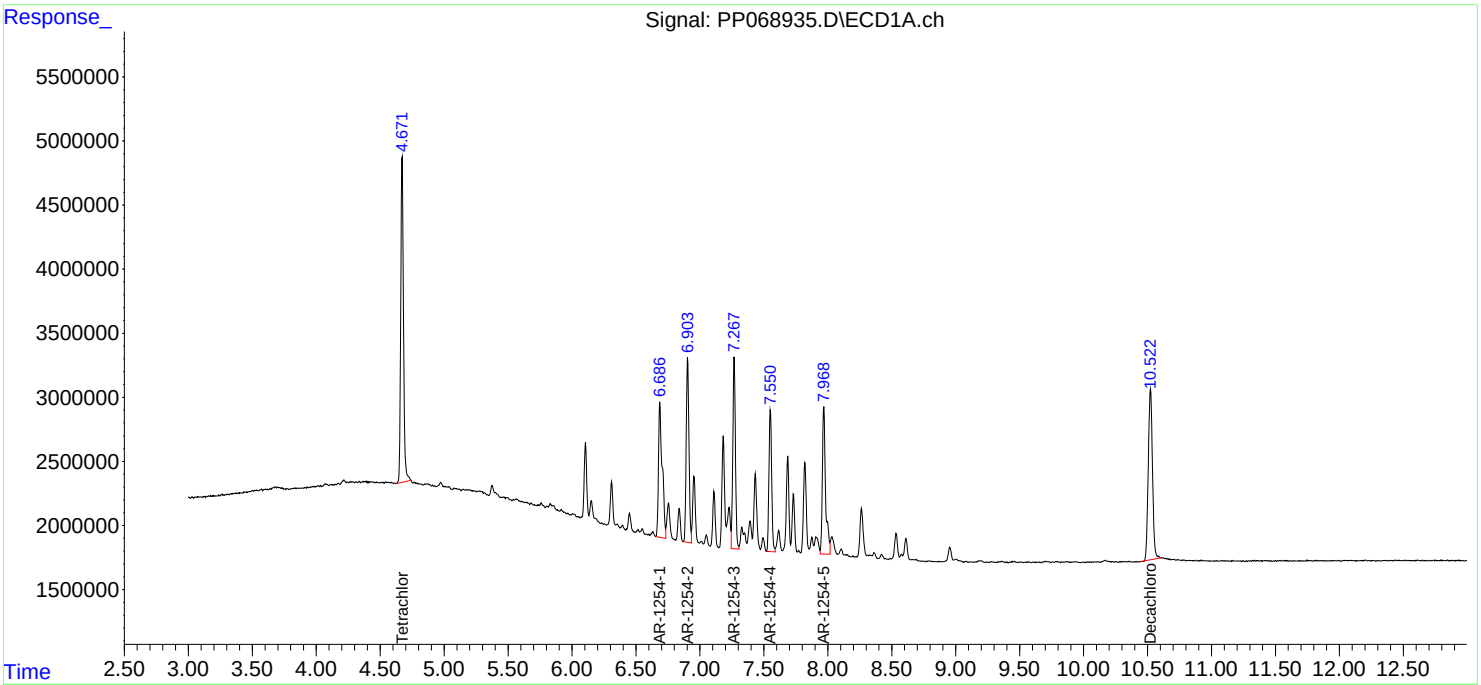
Quantitation Report (Not Reviewed)

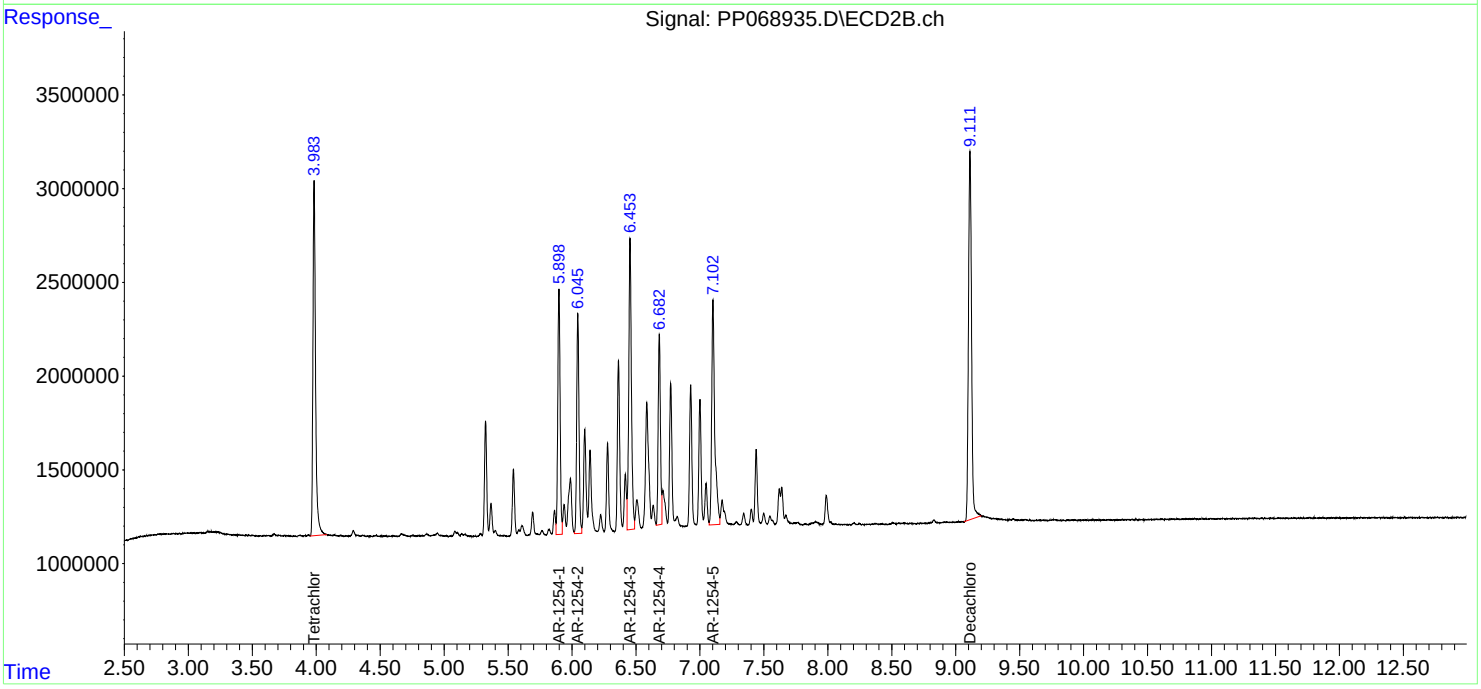
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068935.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 01:22
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

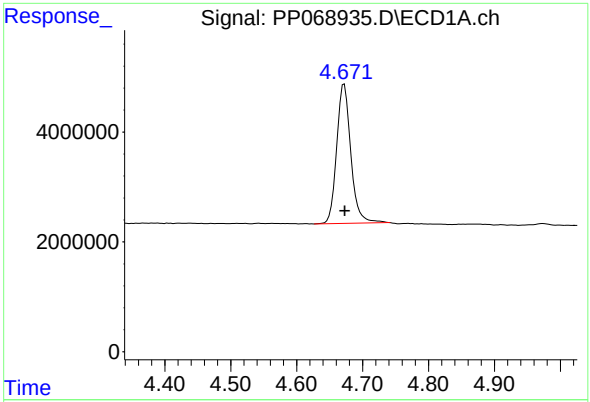
Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:55:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 04:31:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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



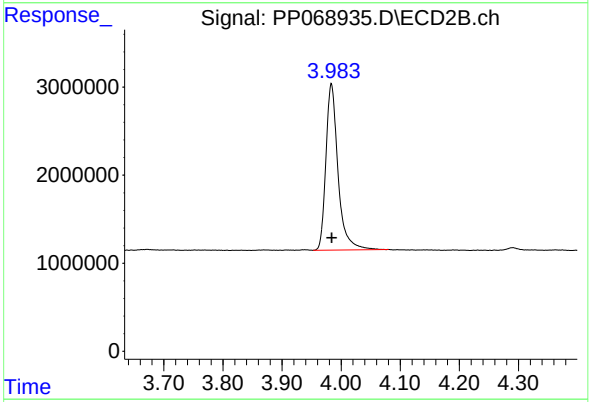




#1 Tetrachloro-m-xylene

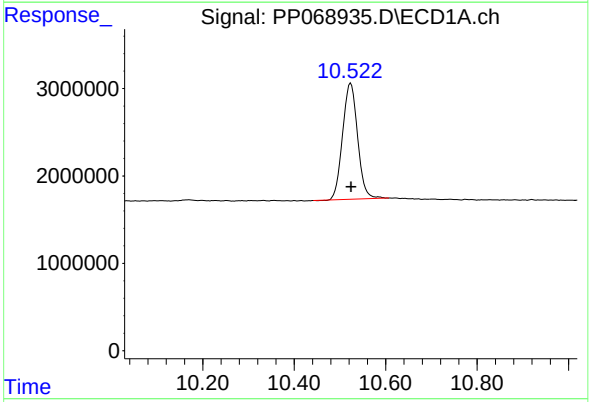
R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 37802873
Conc: 25.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



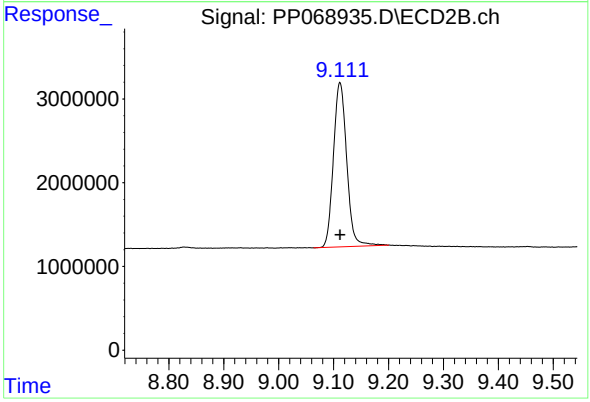
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 26914889
Conc: 25.48 ng/ml



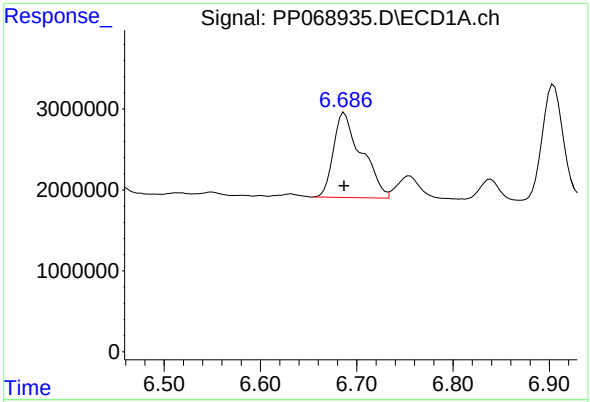
#2 Decachlorobiphenyl

R.T.: 10.524 min
Delta R.T.: 0.000 min
Response: 30405057
Conc: 26.11 ng/ml



#2 Decachlorobiphenyl

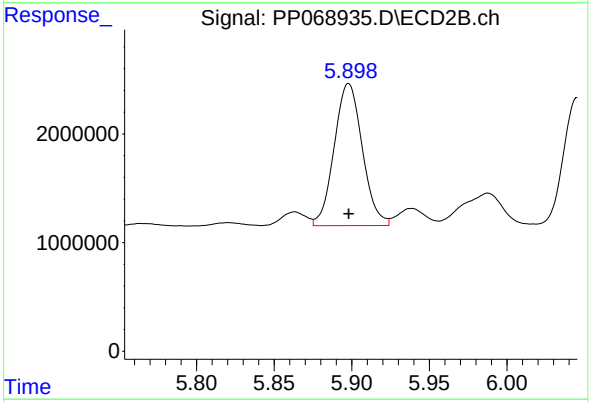
R.T.: 9.112 min
Delta R.T.: 0.000 min
Response: 32949823
Conc: 27.24 ng/ml



#26 AR-1254-1

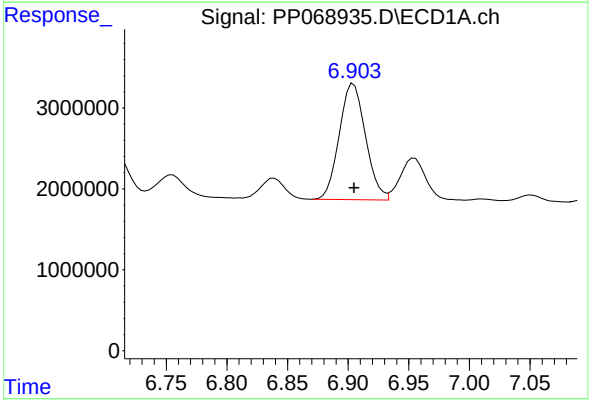
R.T.: 6.687 min
Delta R.T.: 0.000 min
Response: 21225585
Conc: 408.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



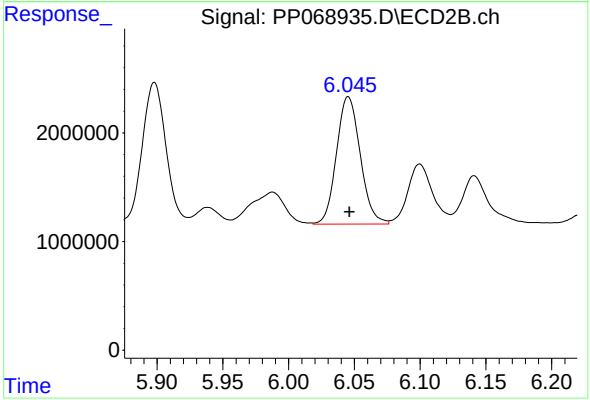
#26 AR-1254-1

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 16528283
Conc: 274.65 ng/ml



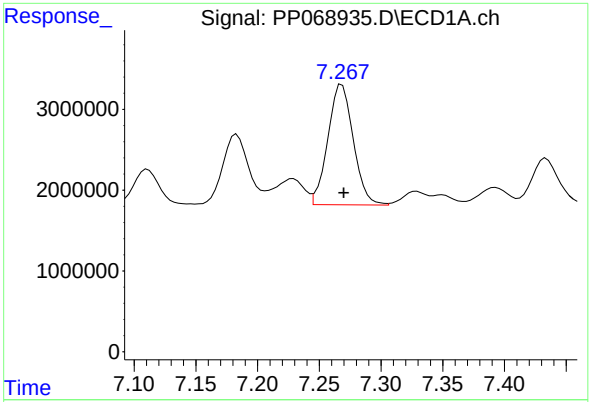
#27 AR-1254-2

R.T.: 6.904 min
Delta R.T.: 0.000 min
Response: 21595154
Conc: 263.30 ng/ml



#27 AR-1254-2

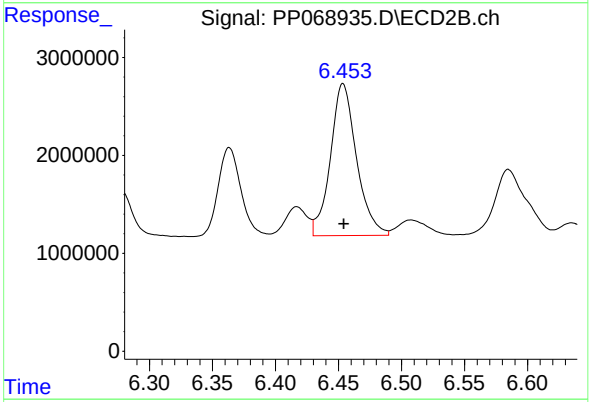
R.T.: 6.045 min
Delta R.T.: 0.000 min
Response: 14763310
Conc: 276.91 ng/ml



#28 AR-1254-3

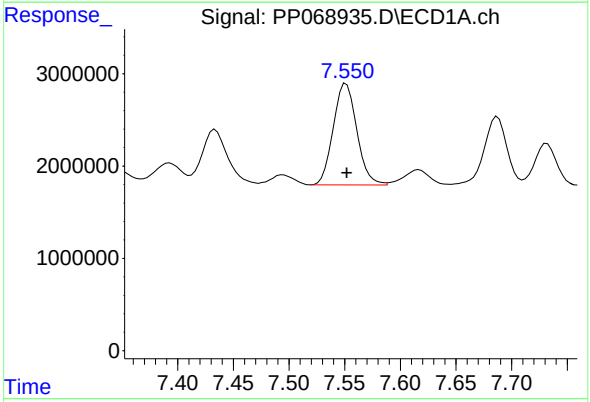
R.T.: 7.268 min
Delta R.T.: -0.001 min
Response: 21385186
Conc: 263.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



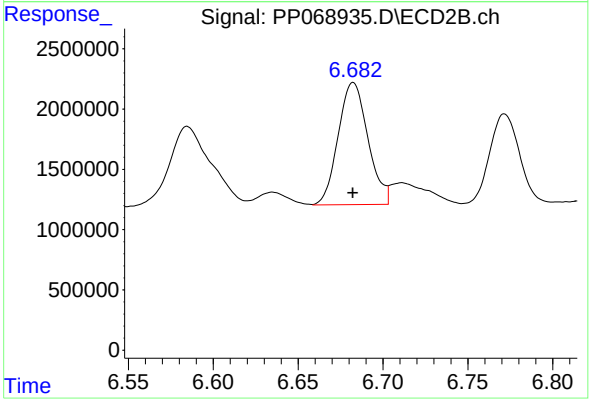
#28 AR-1254-3

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 22387356
Conc: 269.68 ng/ml



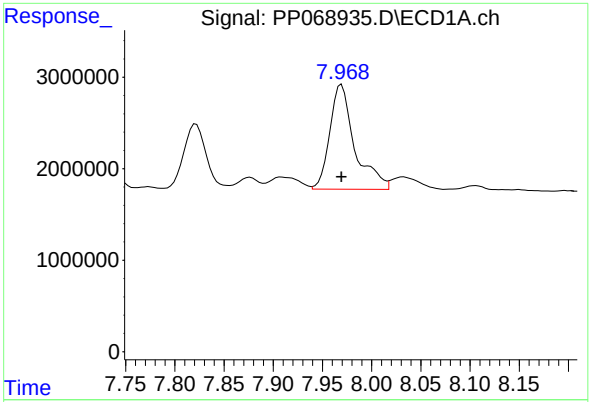
#29 AR-1254-4

R.T.: 7.551 min
Delta R.T.: 0.000 min
Response: 16198411
Conc: 263.51 ng/ml



#29 AR-1254-4

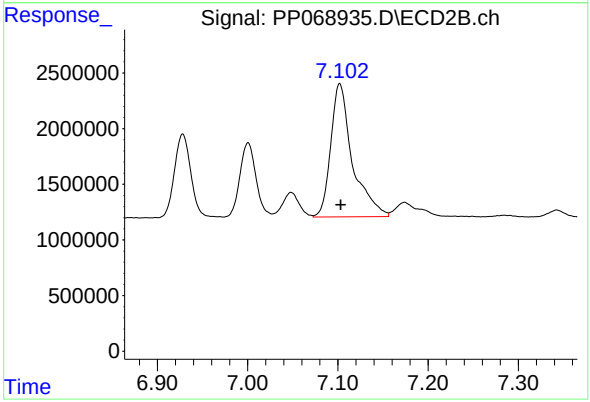
R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 12382863
Conc: 273.52 ng/ml



#30 AR-1254-5

R.T.: 7.969 min
Delta R.T.: 0.000 min
Response: 20128808
Conc: 301.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



#30 AR-1254-5

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 19999727
Conc: 263.56 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068936.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 01:39
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:55:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 04:31:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.673	3.984	6642830	4956174	4.539	4.692
2)	SA Decachlor...	10.525	9.113	5801484	7148830	4.983	5.910
	Target Compounds						
26)	L6 AR-1254-1	6.689	5.898	4178285	3250224	80.396	54.009 #
27)	L6 AR-1254-2	6.906	6.047	4311413	2945560	52.568	55.250
28)	L6 AR-1254-3	7.270	6.454	4181266	4436967	51.461	53.448
29)	L6 AR-1254-4	7.553	6.683	3134753	2386058	50.995	52.704
30)	L6 AR-1254-5	7.971	7.104	3826861	3951907	57.367	52.079

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

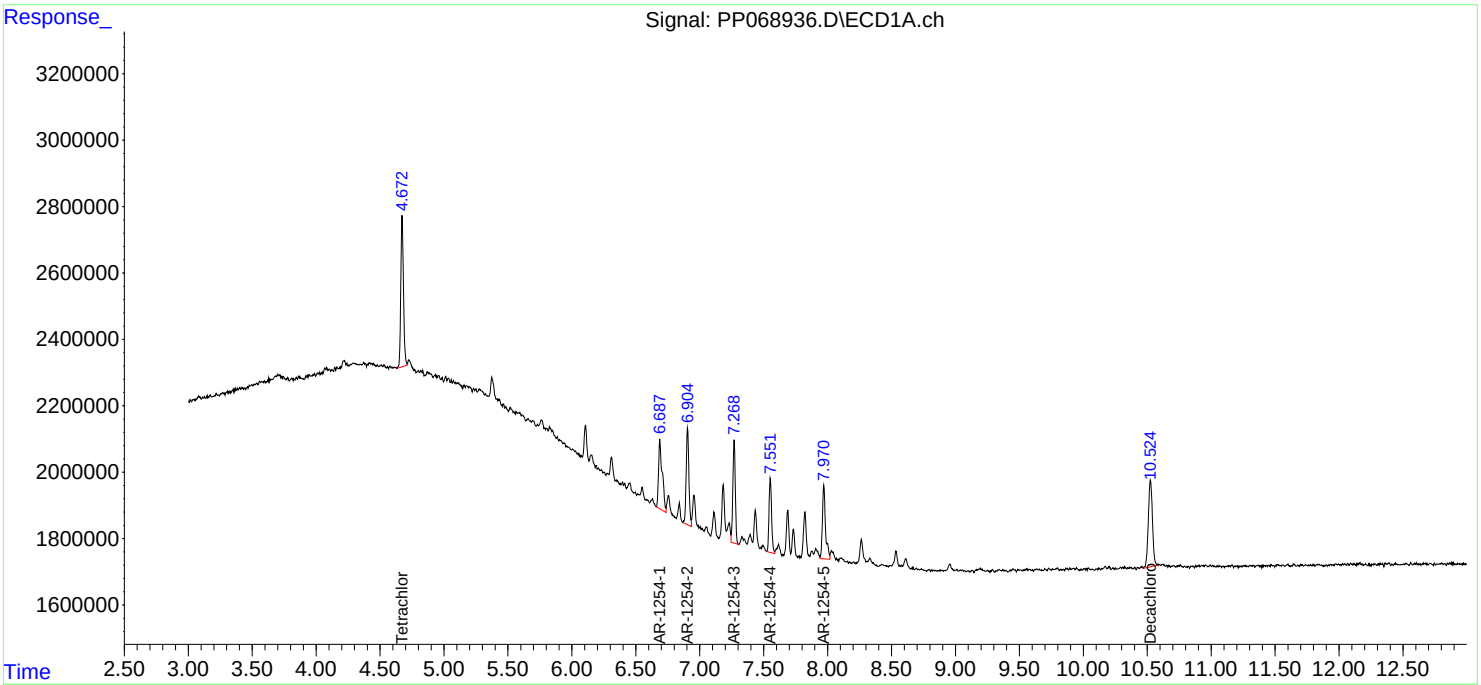
Quantitation Report (Not Reviewed)

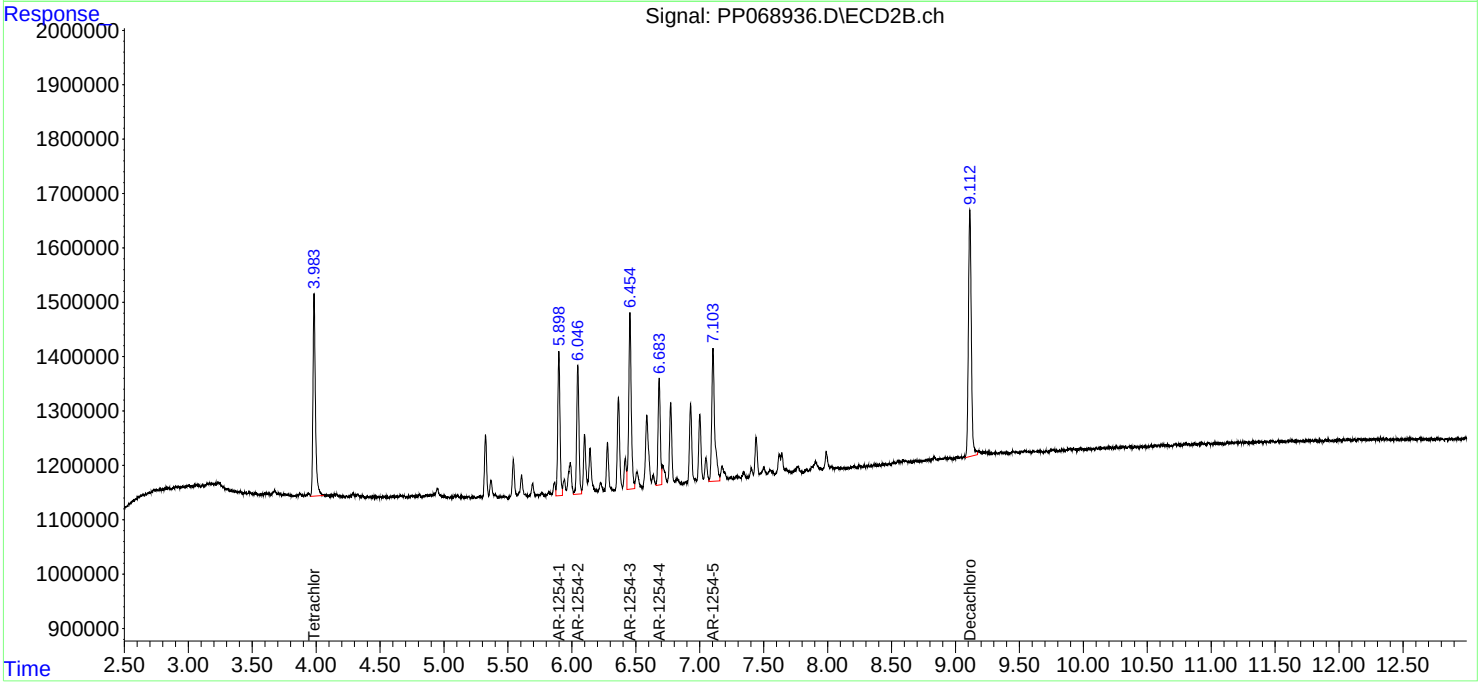
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068936.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 01:39
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

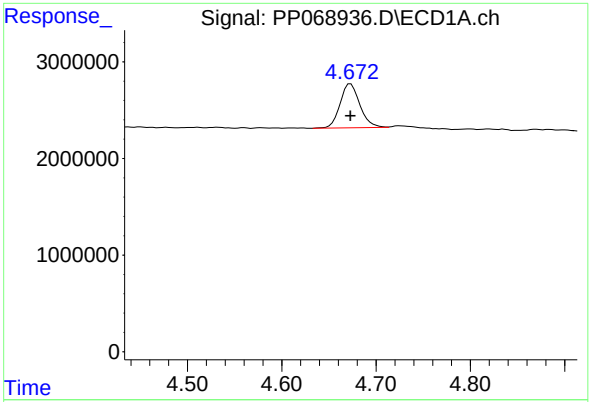
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:55:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 04:31:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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



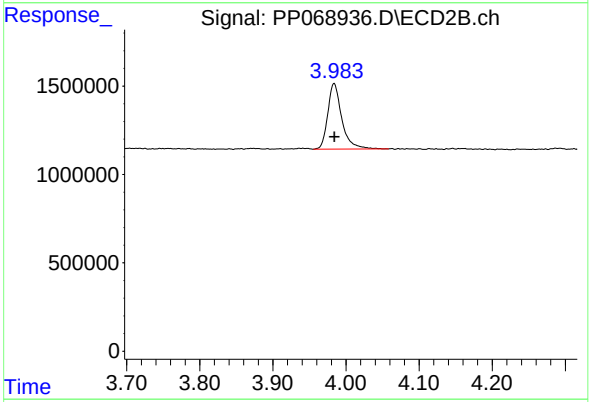




#1 Tetrachloro-m-xylene

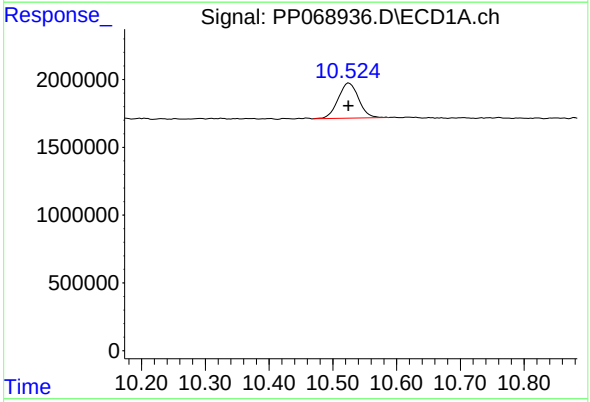
R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 6642830
Conc: 4.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



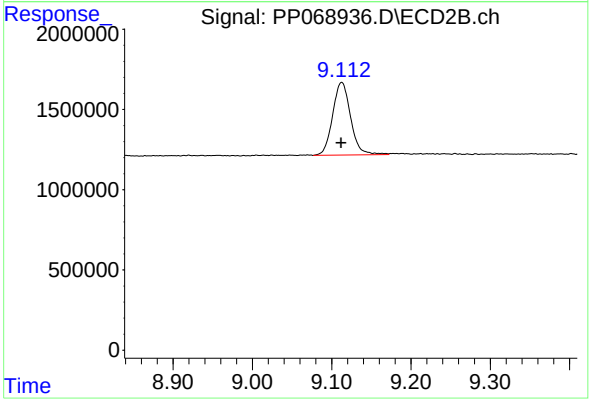
#1 Tetrachloro-m-xylene

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 4956174
Conc: 4.69 ng/ml



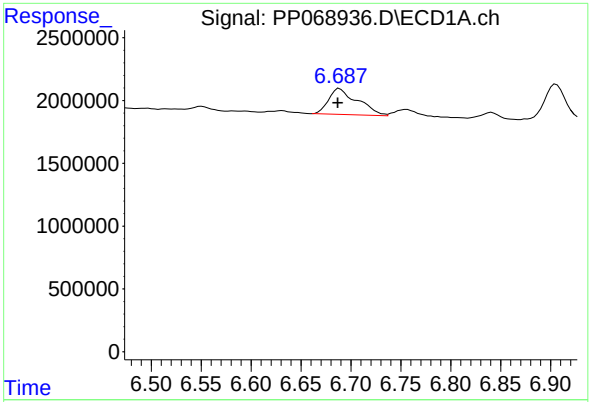
#2 Decachlorobiphenyl

R.T.: 10.525 min
Delta R.T.: 0.001 min
Response: 5801484
Conc: 4.98 ng/ml



#2 Decachlorobiphenyl

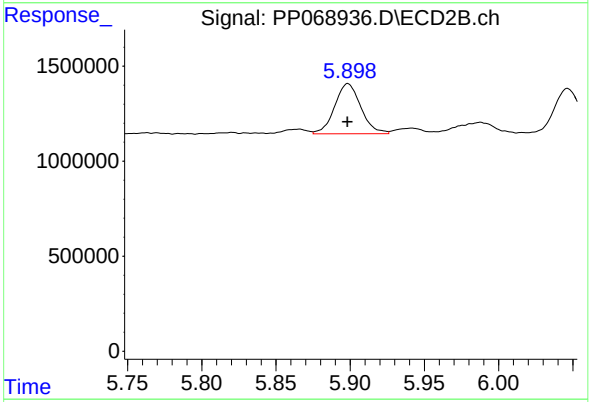
R.T.: 9.113 min
Delta R.T.: 0.001 min
Response: 7148830
Conc: 5.91 ng/ml



#26 AR-1254-1

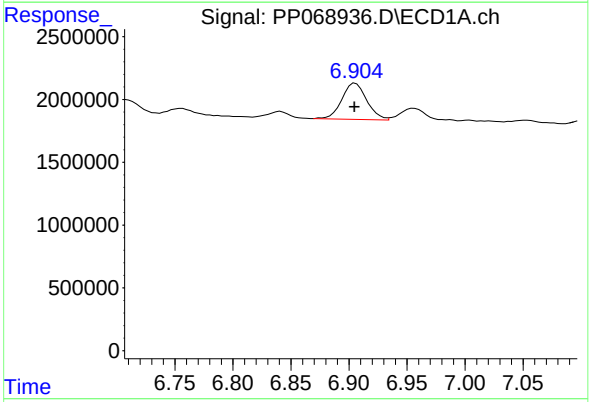
R.T.: 6.689 min
Delta R.T.: 0.002 min
Response: 4178285
Conc: 80.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



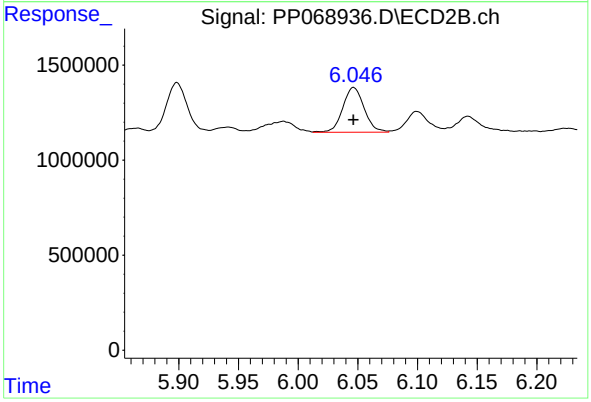
#26 AR-1254-1

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 3250224
Conc: 54.01 ng/ml



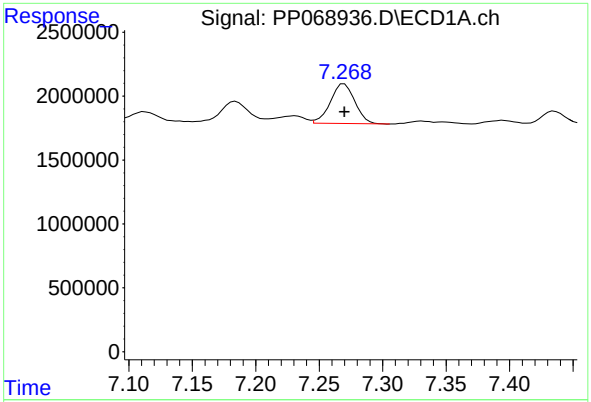
#27 AR-1254-2

R.T.: 6.906 min
Delta R.T.: 0.000 min
Response: 4311413
Conc: 52.57 ng/ml



#27 AR-1254-2

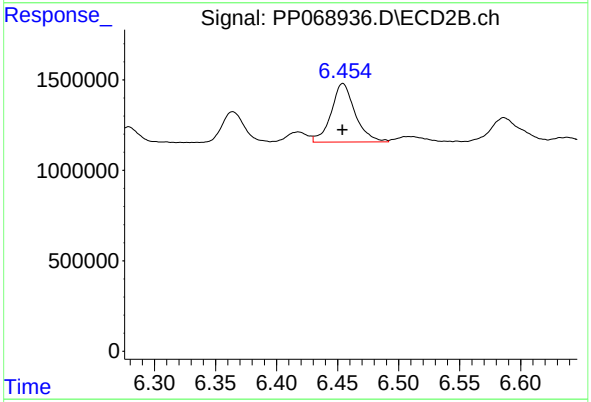
R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 2945560
Conc: 55.25 ng/ml



#28 AR-1254-3

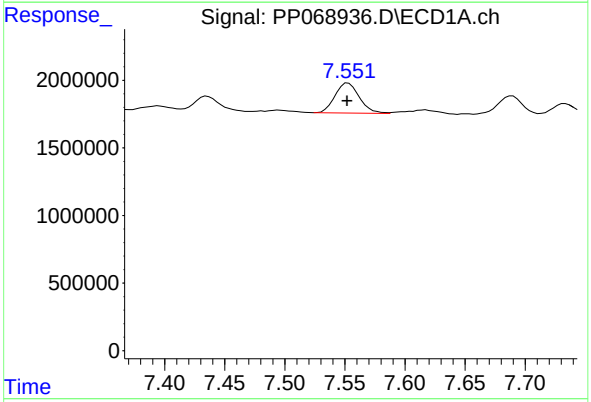
R.T.: 7.270 min
Delta R.T.: 0.000 min
Response: 4181266
Conc: 51.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



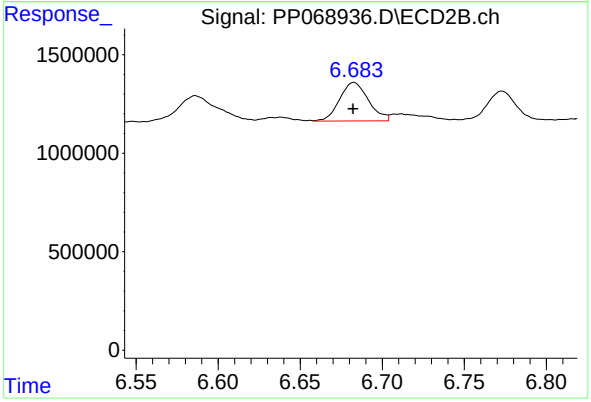
#28 AR-1254-3

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 4436967
Conc: 53.45 ng/ml



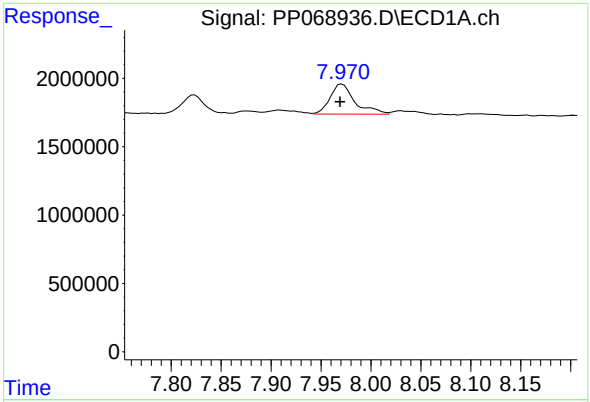
#29 AR-1254-4

R.T.: 7.553 min
Delta R.T.: 0.000 min
Response: 3134753
Conc: 51.00 ng/ml



#29 AR-1254-4

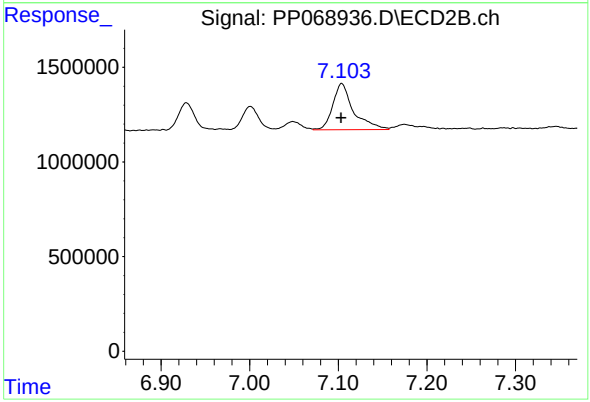
R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 2386058
Conc: 52.70 ng/ml



#30 AR-1254-5

R.T.: 7.971 min
Delta R.T.: 0.002 min
Response: 3826861
Conc: 57.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



#30 AR-1254-5

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 3951907
Conc: 52.08 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068937.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 01:55
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 05:36:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:36:09 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.675	3.984	69507266	51457459	50.000	50.000
2)	SA Decachlor...	10.525	9.113	55889671	59383163	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	8.284	7.142	39566513	39926161	500.000	500.000
37)	L8 AR-1262-2	8.615	7.404	72208330	34964080	500.000	500.000
38)	L8 AR-1262-3	8.947	7.929	51080852	28796538	497.615	500.000
39)	L8 AR-1262-4	9.036	7.993	41550636	50415682	500.000	500.000
40)	L8 AR-1262-5	9.724	8.511	25410731	24409877	500.000	500.000

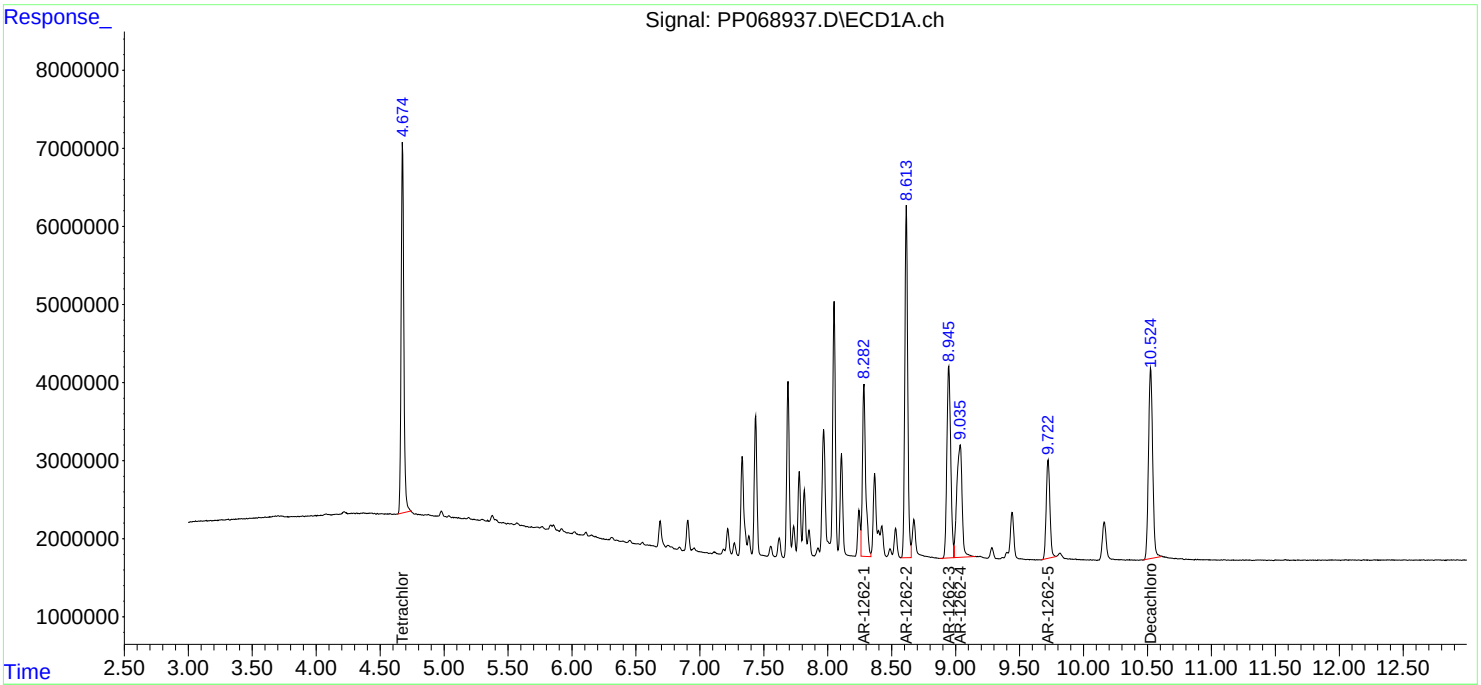
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

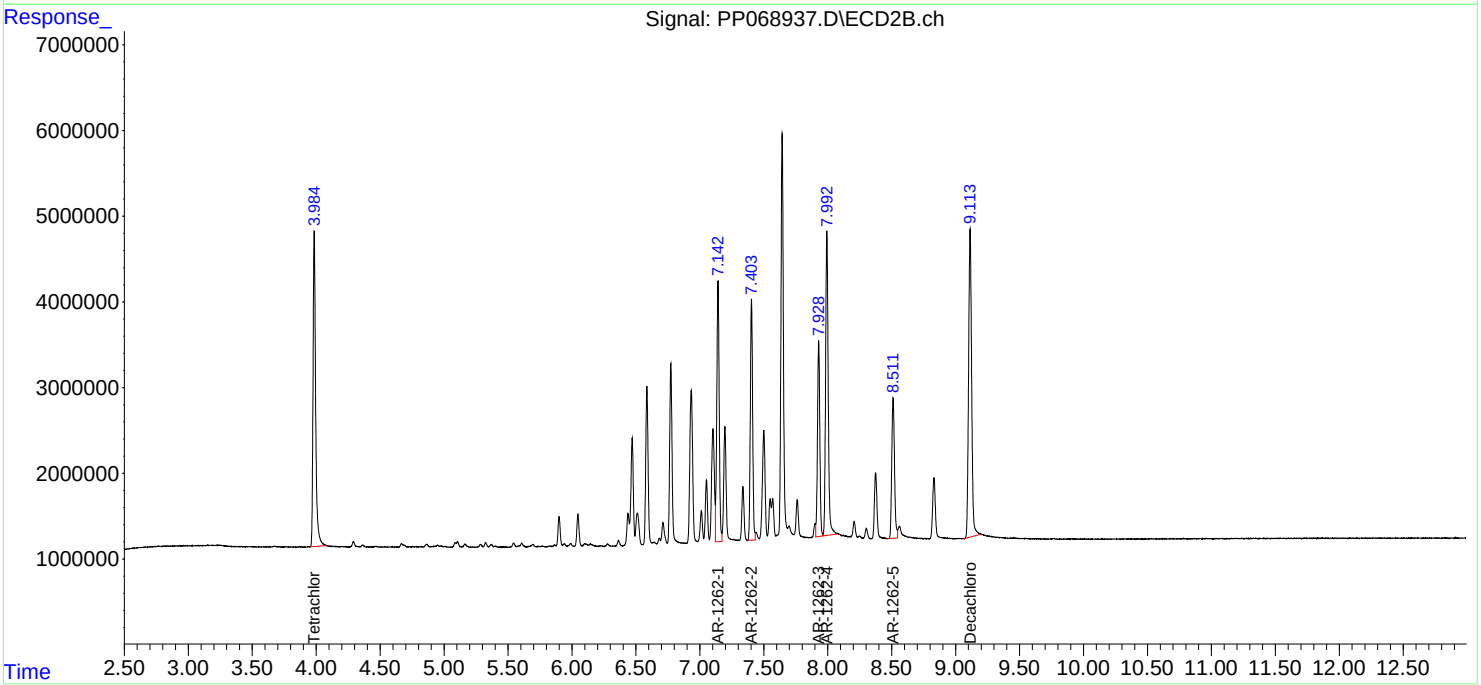
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068937.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 01:55
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

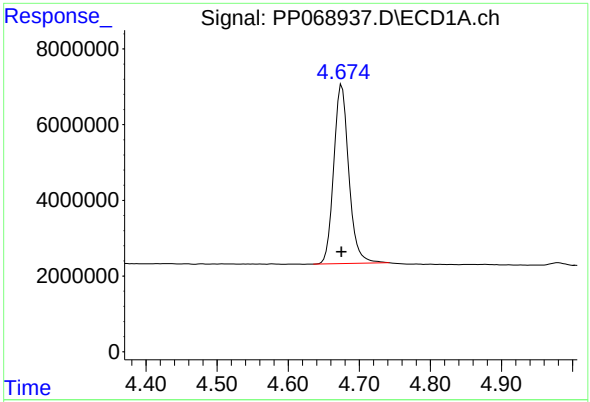
Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 05:36:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:36:09 2025
Response via : Initial Calibration
Integrator: ChemStation

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



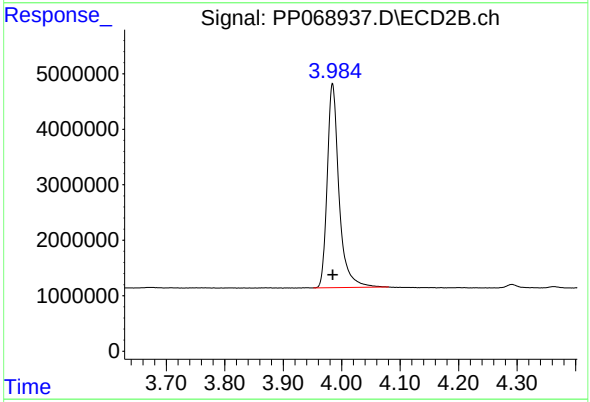




#1 Tetrachloro-m-xylene

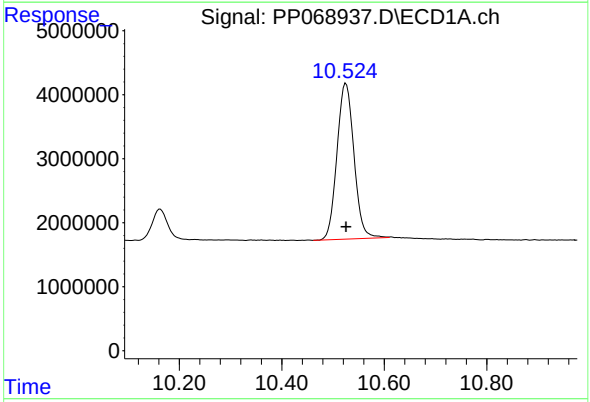
R.T.: 4.675 min
Delta R.T.: 0.000 min
Response: 69507266
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



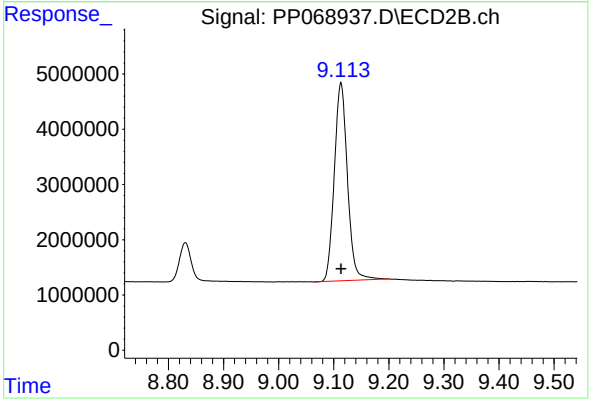
#1 Tetrachloro-m-xylene

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 51457459
Conc: 50.00 ng/ml



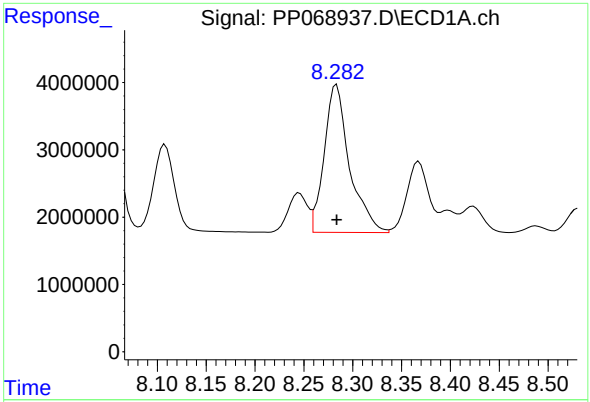
#2 Decachlorobiphenyl

R.T.: 10.525 min
Delta R.T.: 0.000 min
Response: 55889671
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

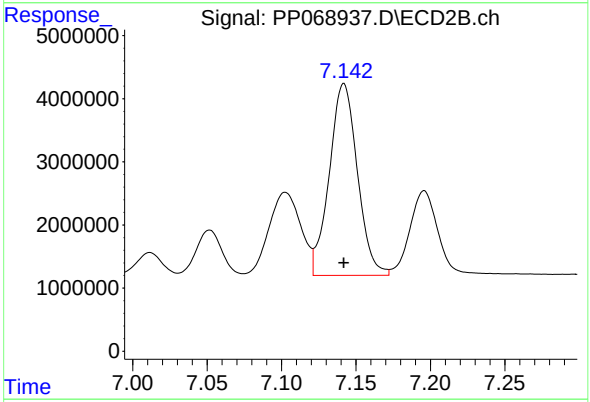
R.T.: 9.113 min
Delta R.T.: 0.000 min
Response: 59383163
Conc: 50.00 ng/ml



#36 AR-1262-1

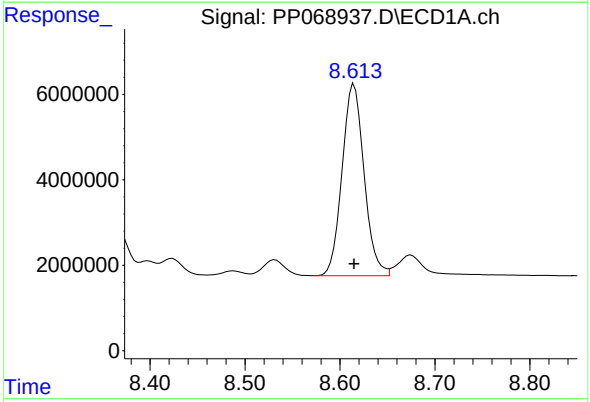
R.T.: 8.284 min
Delta R.T.: 0.000 min
Response: 39566513
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



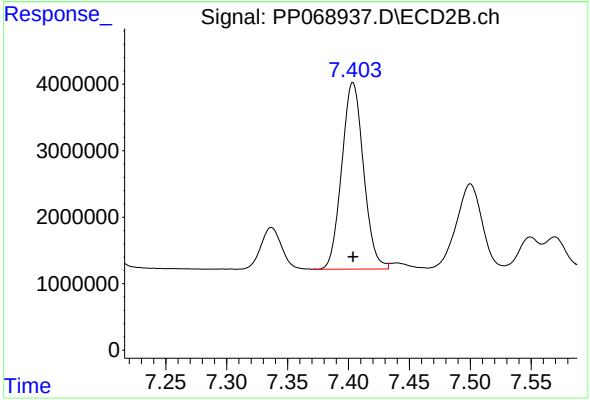
#36 AR-1262-1

R.T.: 7.142 min
Delta R.T.: 0.000 min
Response: 39926161
Conc: 500.00 ng/ml



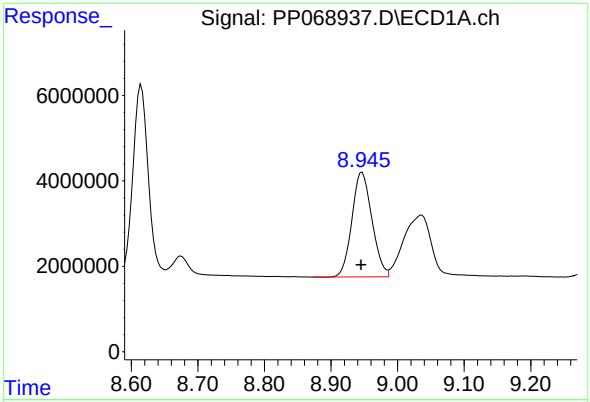
#37 AR-1262-2

R.T.: 8.615 min
Delta R.T.: 0.000 min
Response: 72208330
Conc: 500.00 ng/ml



#37 AR-1262-2

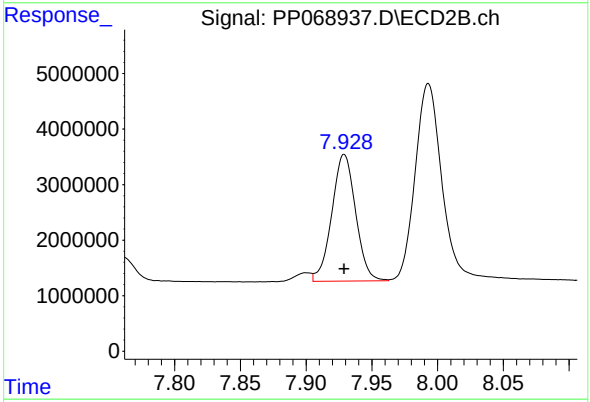
R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 34964080
Conc: 500.00 ng/ml



#38 AR-1262-3

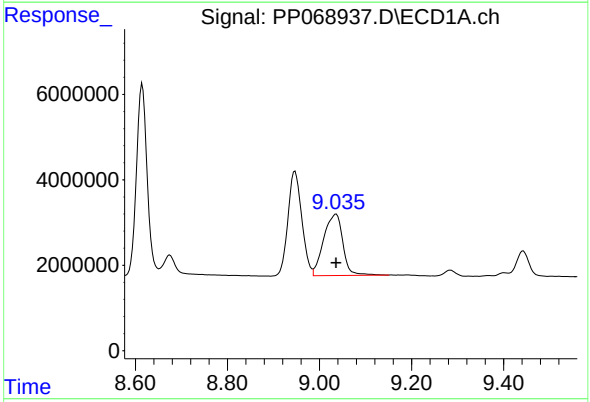
R.T.: 8.947 min
Delta R.T.: 0.001 min
Response: 51080852
Conc: 497.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



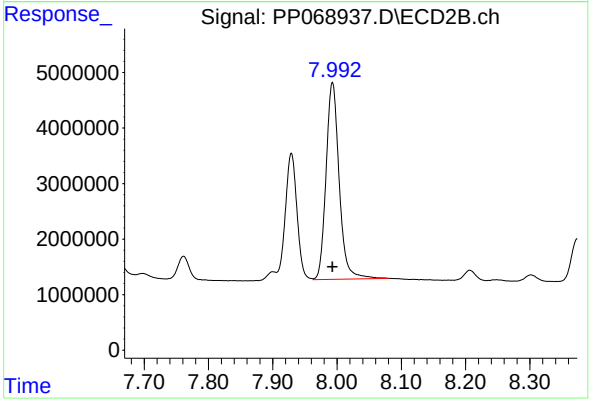
#38 AR-1262-3

R.T.: 7.929 min
Delta R.T.: 0.000 min
Response: 28796538
Conc: 500.00 ng/ml



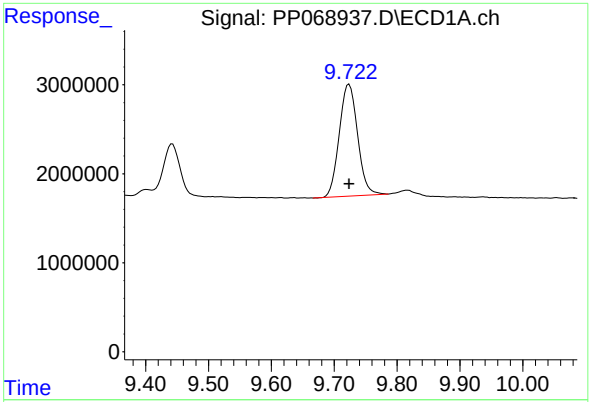
#39 AR-1262-4

R.T.: 9.036 min
Delta R.T.: 0.000 min
Response: 41550636
Conc: 500.00 ng/ml



#39 AR-1262-4

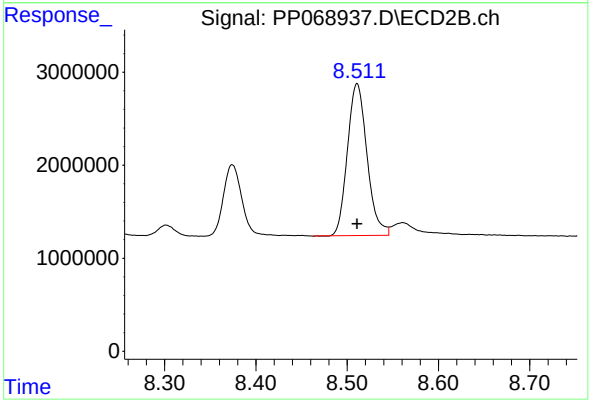
R.T.: 7.993 min
Delta R.T.: 0.000 min
Response: 50415682
Conc: 500.00 ng/ml



#40 AR-1262-5

R.T.: 9.724 min
Delta R.T.: 0.000 min
Response: 25410731
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



#40 AR-1262-5

R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 24409877
Conc: 500.00 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068938.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 02:11
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 05:43:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:43:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.674	3.984	136.5E6	98018240	94.121	96.838
2)	SA Decachlor...	10.526	9.112	174.6E6	181.5E6	91.672	89.613
	Target Compounds						
41)	L9 AR-1268-1	8.943	7.928	171.4E6	147.8E6	917.976	883.860
42)	L9 AR-1268-2	9.041	7.993	154.2E6	137.9E6	927.438	899.379
43)	L9 AR-1268-3	9.285	8.206	132.5E6	122.3E6	925.842	894.844
44)	L9 AR-1268-4	9.723	8.511	52619884	50957332	908.390	902.356
45)	L9 AR-1268-5	10.164	8.830	378.2E6	371.6E6	943.906	928.821

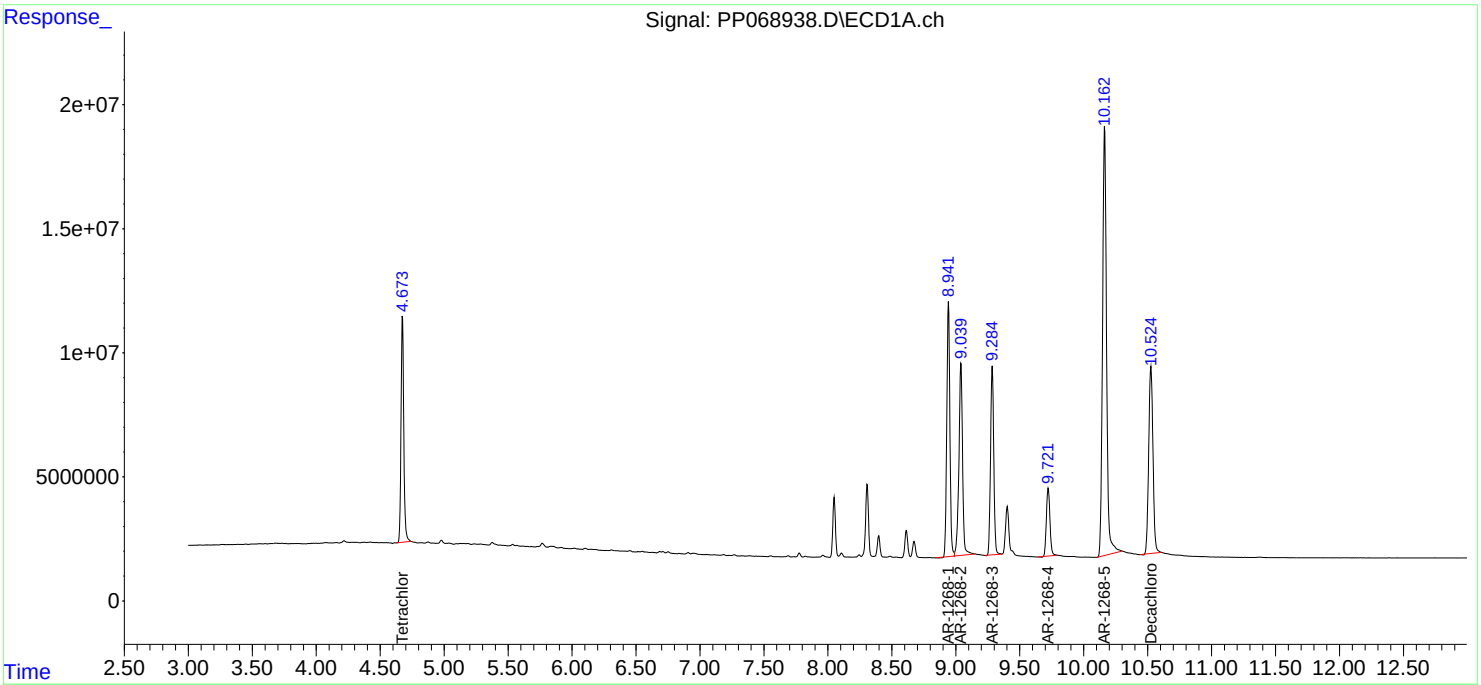
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

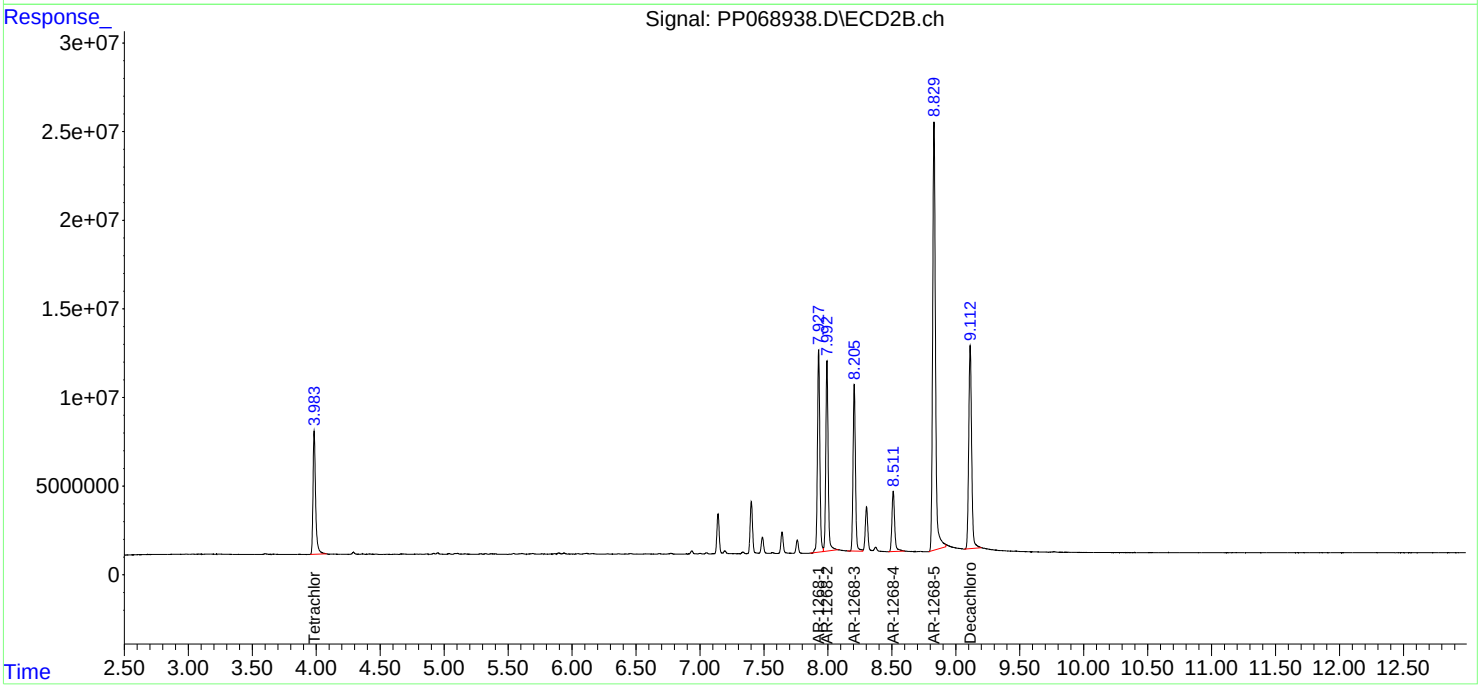
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068938.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 02:11
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

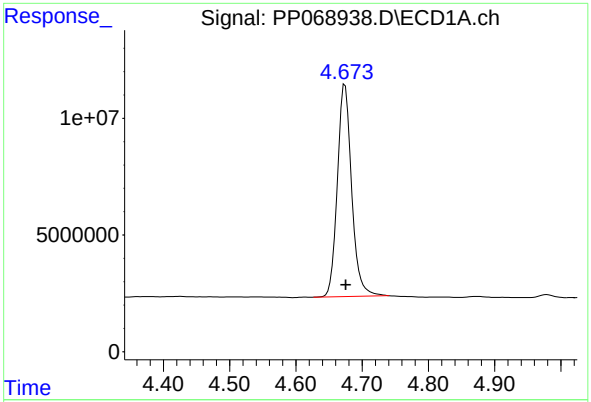
Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 05:43:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:43:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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



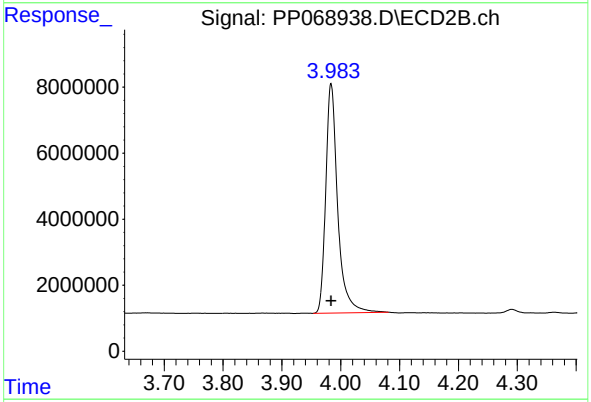




#1 Tetrachloro-m-xylene

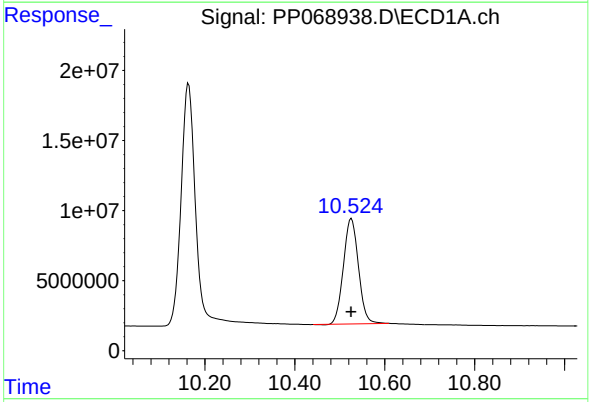
R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 136517536
Conc: 94.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



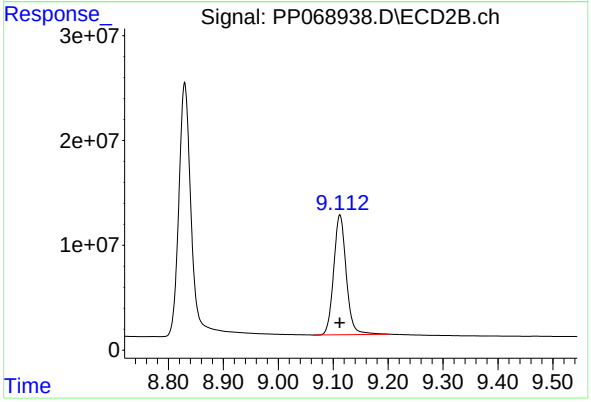
#1 Tetrachloro-m-xylene

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 98018240
Conc: 96.84 ng/ml



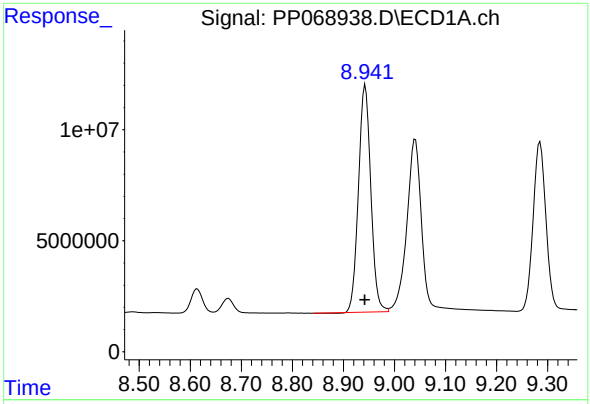
#2 Decachlorobiphenyl

R.T.: 10.526 min
Delta R.T.: 0.000 min
Response: 174578027
Conc: 91.67 ng/ml



#2 Decachlorobiphenyl

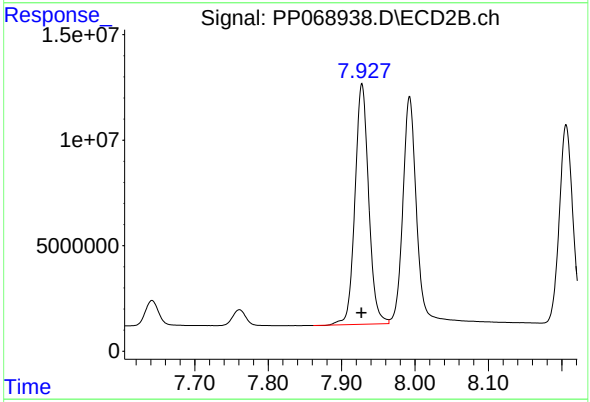
R.T.: 9.112 min
Delta R.T.: 0.000 min
Response: 181511827
Conc: 89.61 ng/ml



#41 AR-1268-1

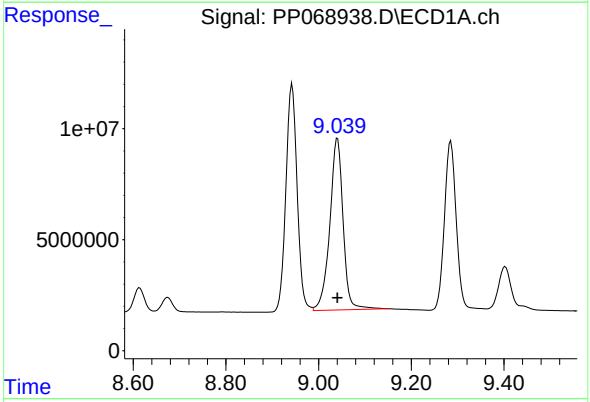
R.T.: 8.943 min
Delta R.T.: 0.000 min
Response: 171439365
Conc: 917.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



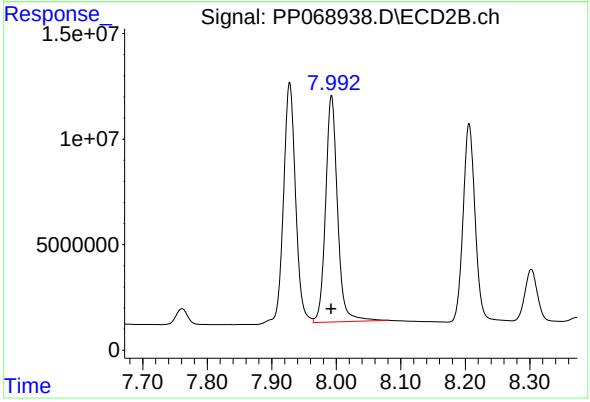
#41 AR-1268-1

R.T.: 7.928 min
Delta R.T.: 0.000 min
Response: 147780970
Conc: 883.86 ng/ml



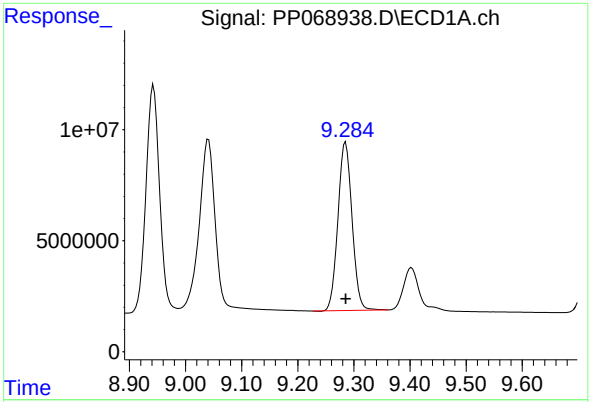
#42 AR-1268-2

R.T.: 9.041 min
Delta R.T.: 0.000 min
Response: 154222187
Conc: 927.44 ng/ml



#42 AR-1268-2

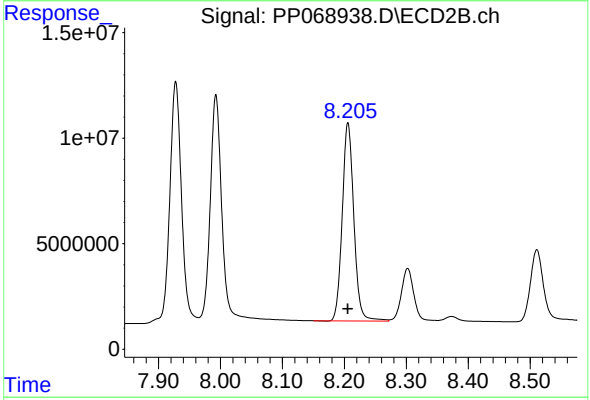
R.T.: 7.993 min
Delta R.T.: 0.000 min
Response: 137898942
Conc: 899.38 ng/ml



#43 AR-1268-3

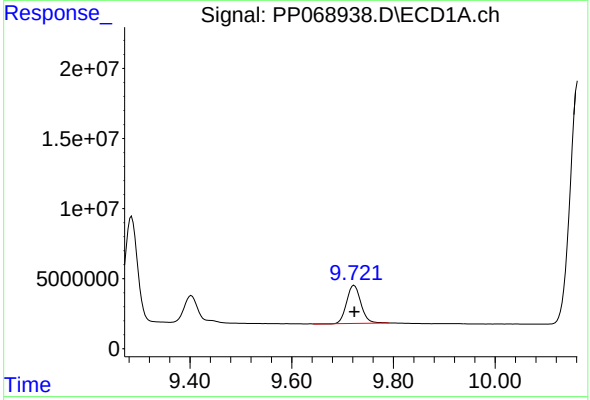
R.T.: 9.285 min
Delta R.T.: 0.000 min
Response: 132497790
Conc: 925.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



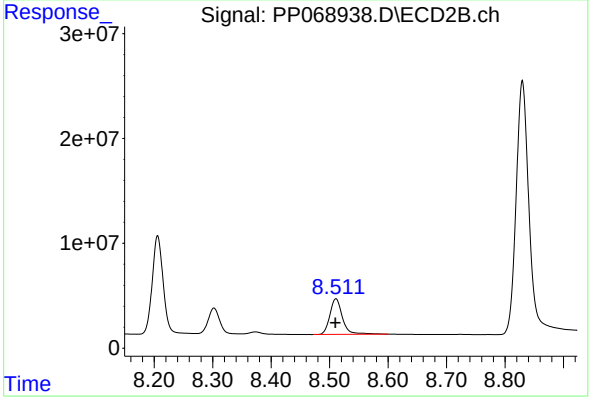
#43 AR-1268-3

R.T.: 8.206 min
Delta R.T.: 0.000 min
Response: 122316439
Conc: 894.84 ng/ml



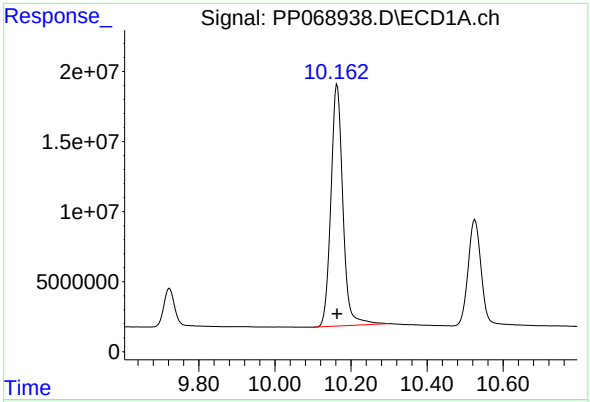
#44 AR-1268-4

R.T.: 9.723 min
Delta R.T.: 0.000 min
Response: 52619884
Conc: 908.39 ng/ml



#44 AR-1268-4

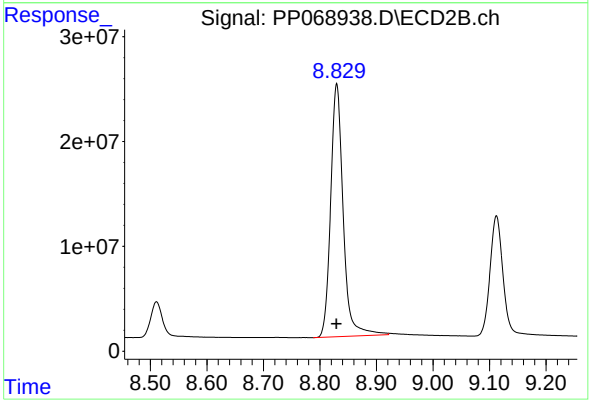
R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 50957332
Conc: 902.36 ng/ml



#45 AR-1268-5

R.T.: 10.164 min
Delta R.T.: 0.000 min
Response: 378200294
Conc: 943.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



#45 AR-1268-5

R.T.: 8.830 min
Delta R.T.: 0.000 min
Response: 371642320
Conc: 928.82 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068939.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 02:27
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 05:44:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:43:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.672	3.985	104.2E6	72465100	71.854	71.593
2)	SA Decachlor...	10.524	9.113	135.2E6	143.1E6	71.000	70.630
	Target Compounds						
41)	L9 AR-1268-1	8.941	7.928	133.2E6	117.7E6	713.032	703.817
42)	L9 AR-1268-2	9.039	7.993	118.9E6	109.3E6	715.048	712.564
43)	L9 AR-1268-3	9.283	8.207	102.2E6	97337361	714.018	712.102
44)	L9 AR-1268-4	9.720	8.511	41183363	40012939	710.958	708.552
45)	L9 AR-1268-5	10.161	8.831	287.2E6	289.7E6	716.809	723.959

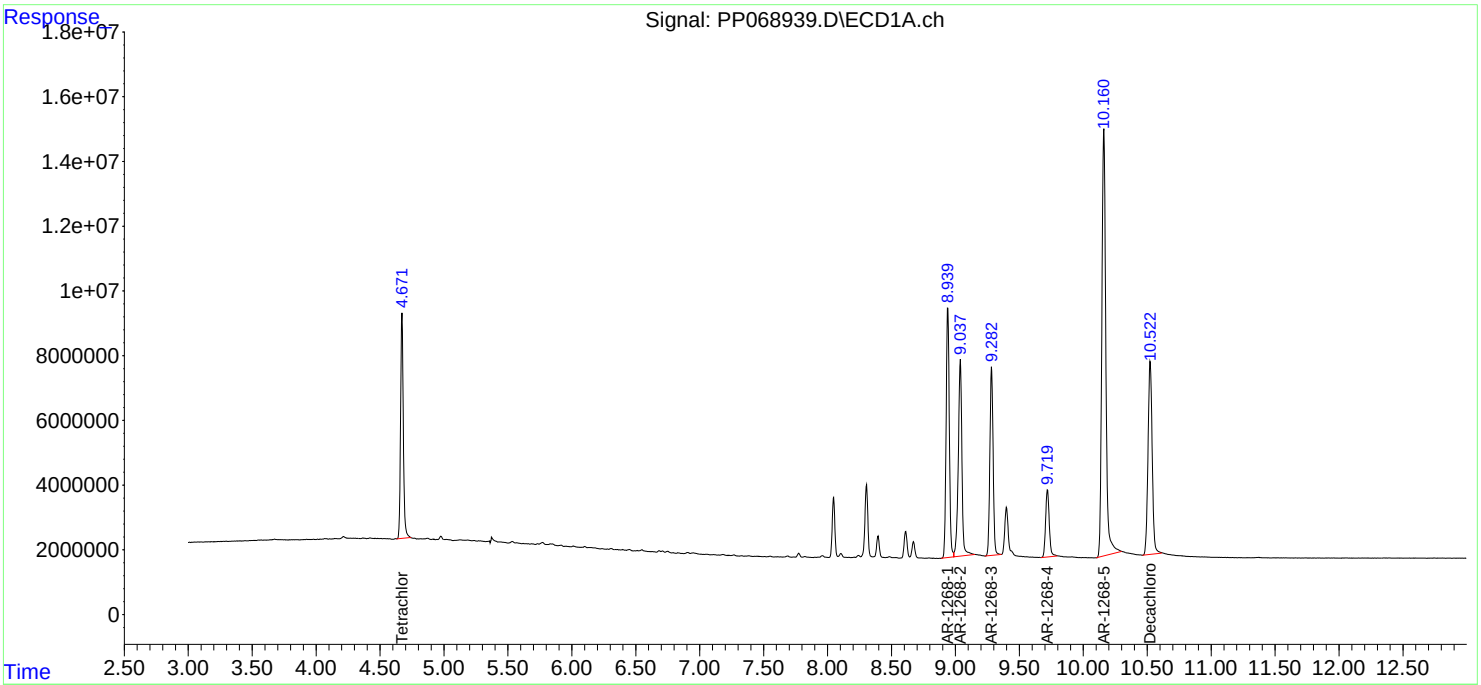
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

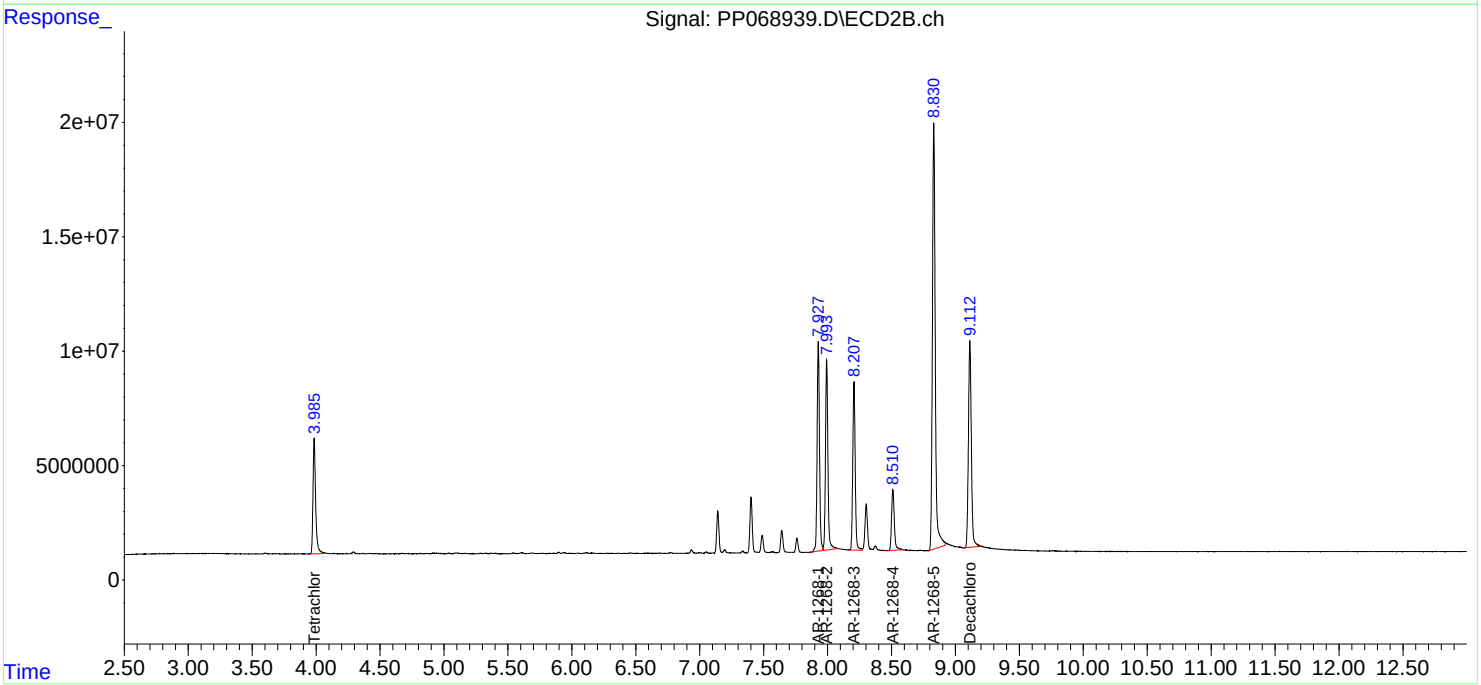
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068939.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 02:27
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

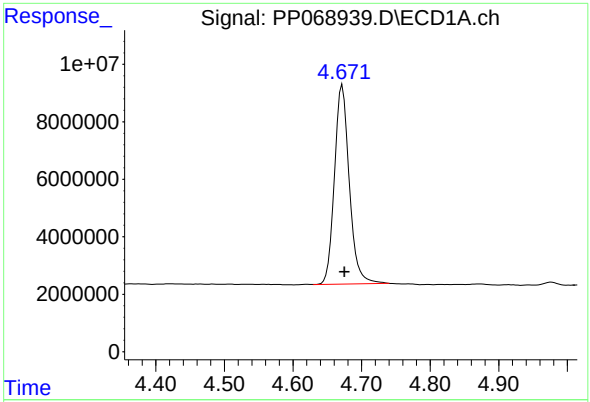
Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 05:44:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:43:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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



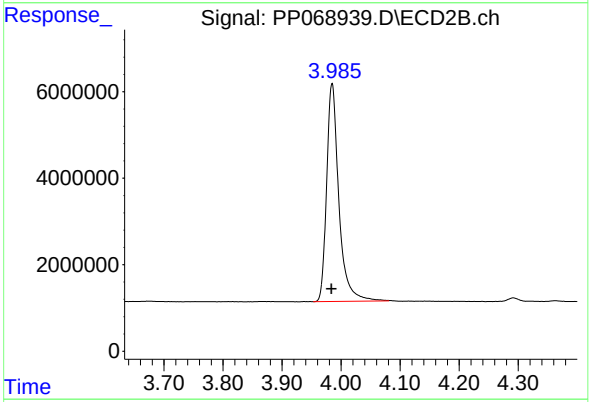




#1 Tetrachloro-m-xylene

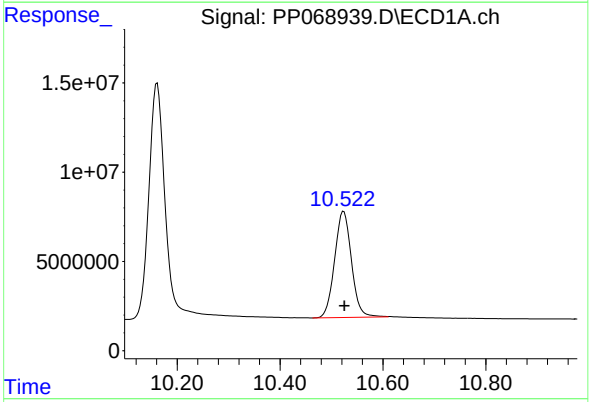
R.T.: 4.672 min
Delta R.T.: -0.003 min
Response: 104221045
Conc: 71.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



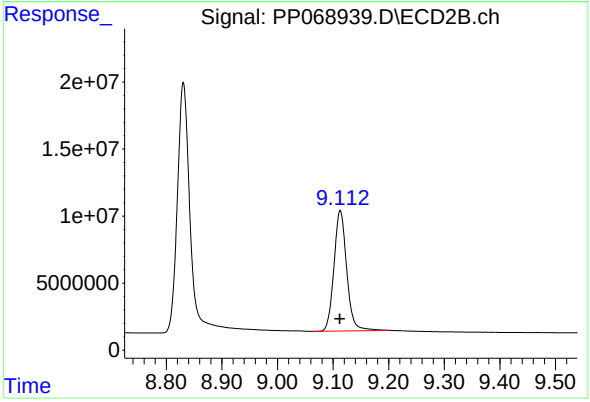
#1 Tetrachloro-m-xylene

R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 72465100
Conc: 71.59 ng/ml



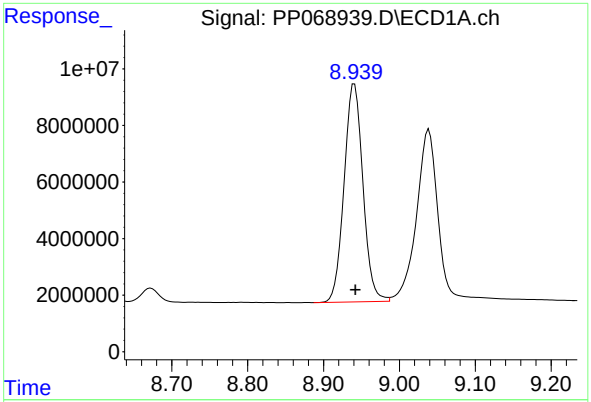
#2 Decachlorobiphenyl

R.T.: 10.524 min
Delta R.T.: -0.001 min
Response: 135210423
Conc: 71.00 ng/ml



#2 Decachlorobiphenyl

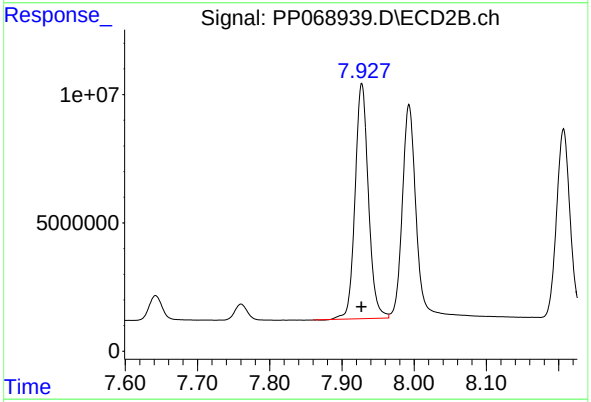
R.T.: 9.113 min
Delta R.T.: 0.000 min
Response: 143060898
Conc: 70.63 ng/ml



#41 AR-1268-1

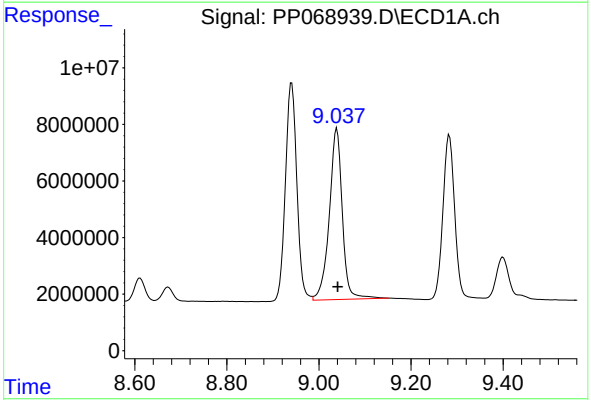
R.T.: 8.941 min
Delta R.T.: -0.001 min
Response: 133164487
Conc: 713.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



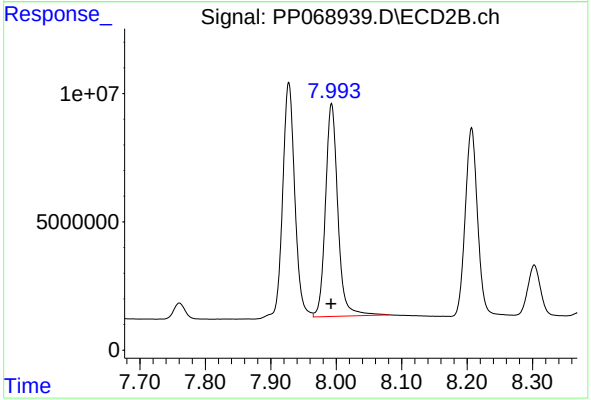
#41 AR-1268-1

R.T.: 7.928 min
Delta R.T.: 0.000 min
Response: 117677839
Conc: 703.82 ng/ml



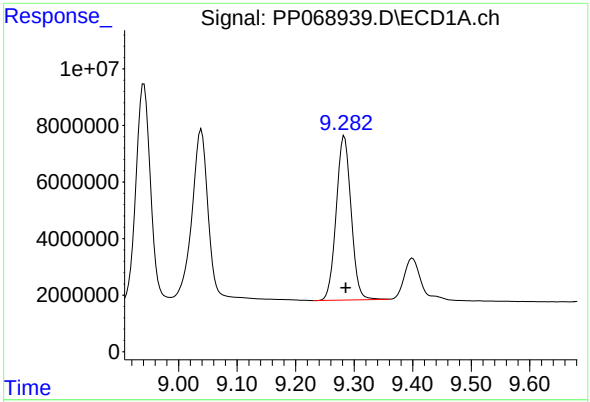
#42 AR-1268-2

R.T.: 9.039 min
Delta R.T.: -0.002 min
Response: 118904123
Conc: 715.05 ng/ml



#42 AR-1268-2

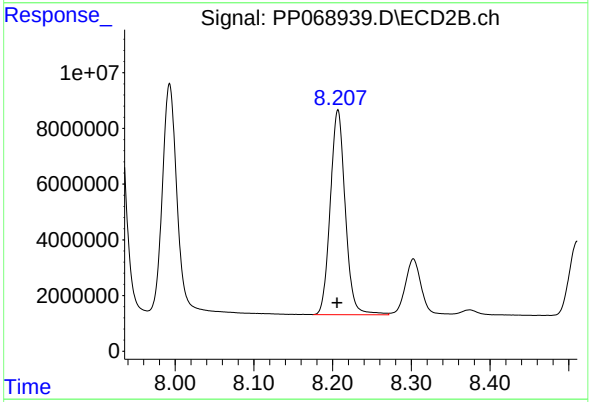
R.T.: 7.993 min
Delta R.T.: 0.000 min
Response: 109255111
Conc: 712.56 ng/ml



#43 AR-1268-3

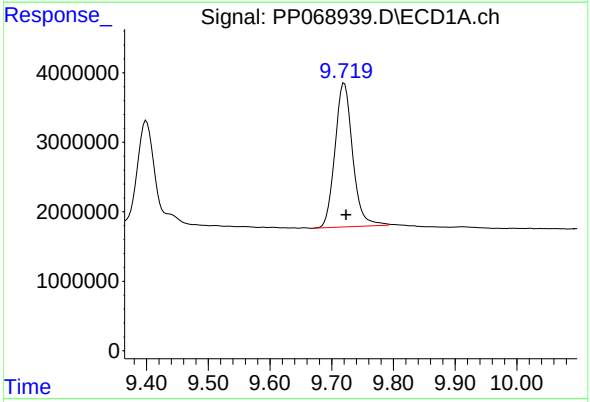
R.T.: 9.283 min
Delta R.T.: -0.002 min
Response: 102183636
Conc: 714.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



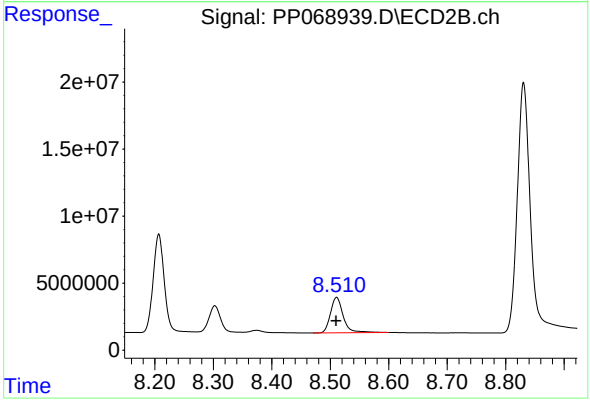
#43 AR-1268-3

R.T.: 8.207 min
Delta R.T.: 0.001 min
Response: 97337361
Conc: 712.10 ng/ml



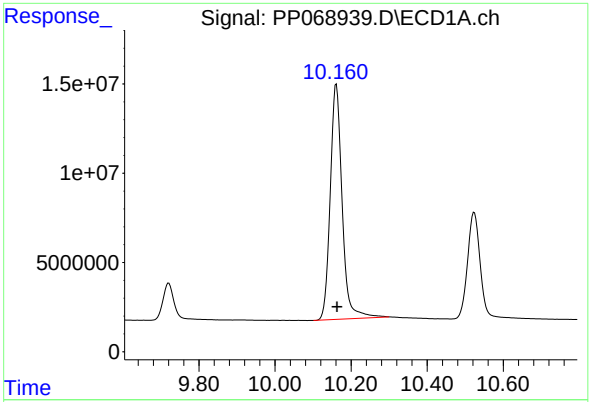
#44 AR-1268-4

R.T.: 9.720 min
Delta R.T.: -0.003 min
Response: 41183363
Conc: 710.96 ng/ml



#44 AR-1268-4

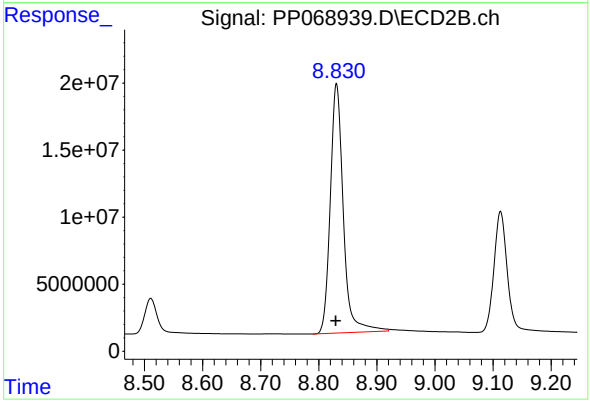
R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 40012939
Conc: 708.55 ng/ml



#45 AR-1268-5

R.T.: 10.161 min
Delta R.T.: -0.002 min
Response: 287208050
Conc: 716.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



#45 AR-1268-5

R.T.: 8.831 min
Delta R.T.: 0.001 min
Response: 289672663
Conc: 723.96 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068940.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 02:44
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 05:44:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:43:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.675	3.984	72522728	50609211	50.000	50.000
2)	SA Decachlor...	10.525	9.112	95218419	101.3E6	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	8.943	7.927	93084259	83244536	498.422	497.875
42)	L9 AR-1268-2	9.041	7.992	83144179	76663380	500.000	500.000
43)	L9 AR-1268-3	9.286	8.206	71555320	68345138	500.000	500.000
44)	L9 AR-1268-4	9.723	8.510	28963274	28235724	500.000	500.000
45)	L9 AR-1268-5	10.163	8.829	200.3E6	200.1E6	500.000	500.000

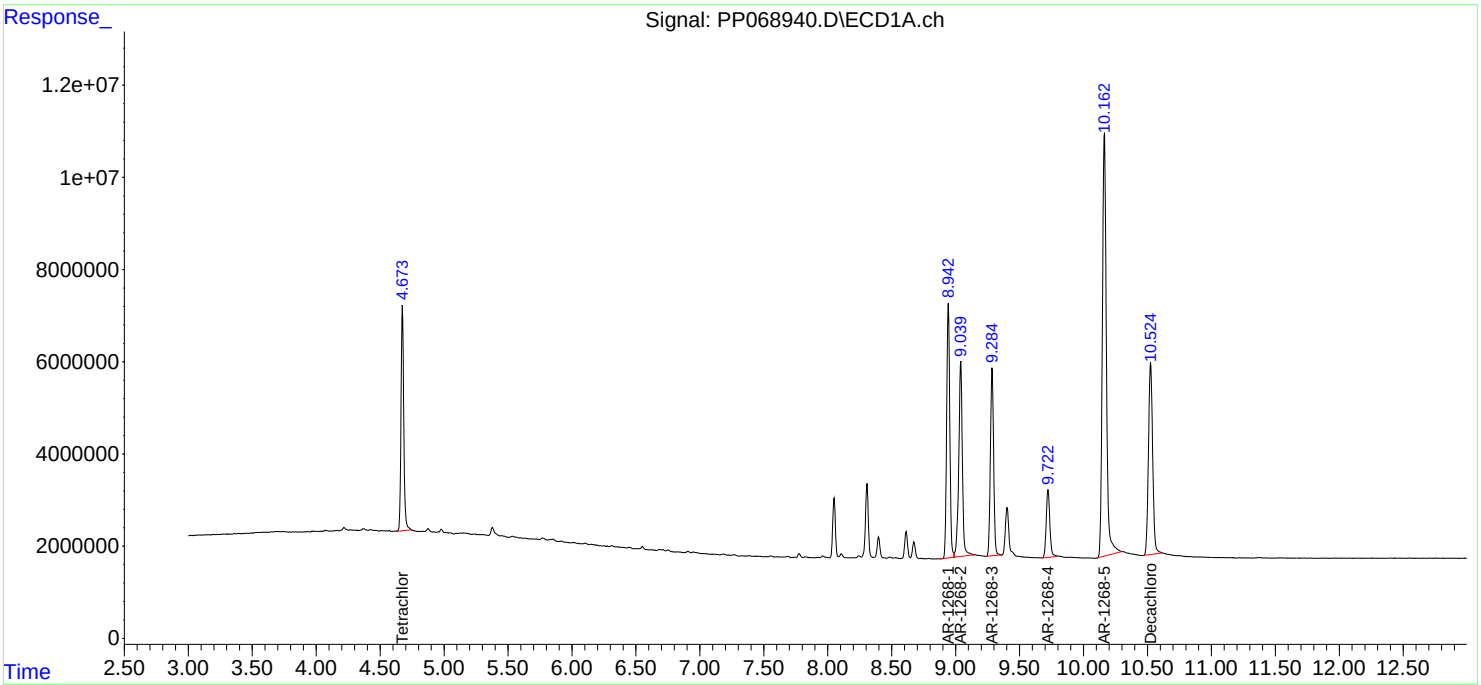
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

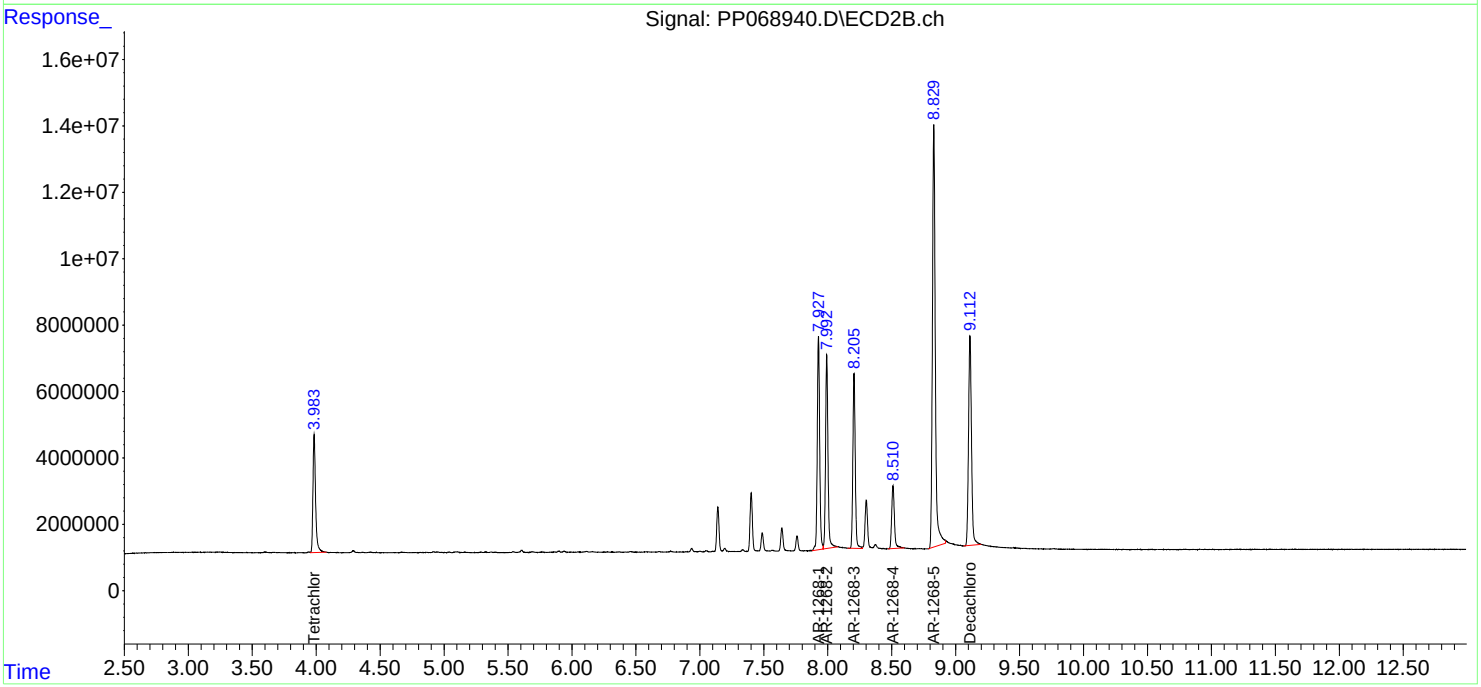
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068940.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 02:44
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

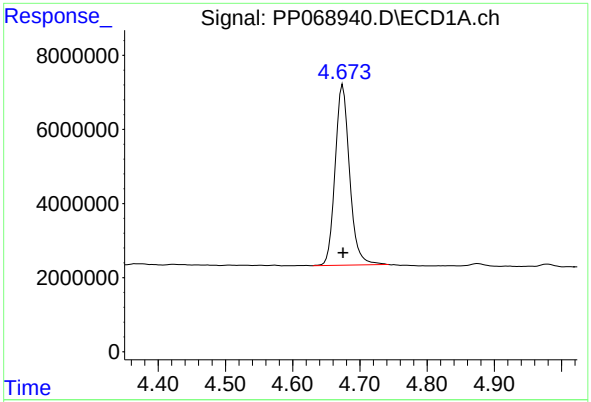
Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 05:44:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:43:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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



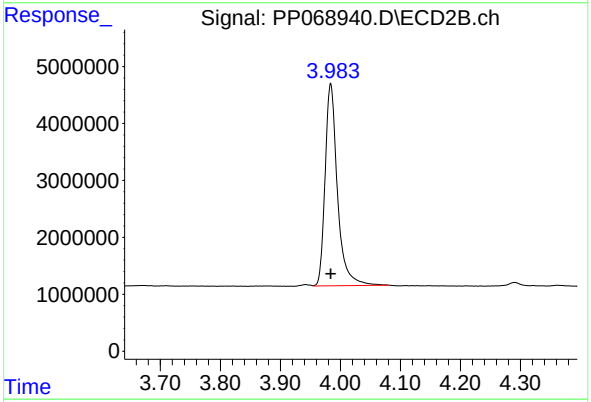




#1 Tetrachloro-m-xylene

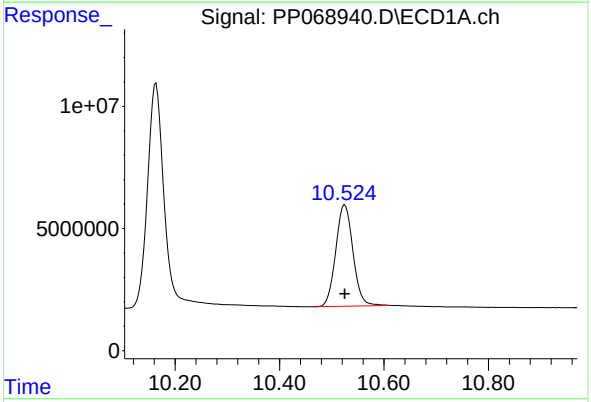
R.T.: 4.675 min
Delta R.T.: 0.000 min
Response: 72522728
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



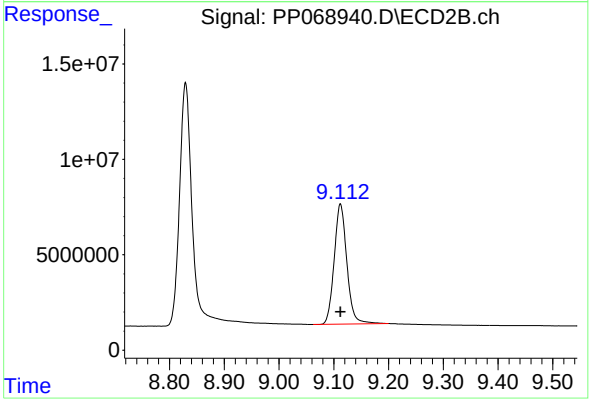
#1 Tetrachloro-m-xylene

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 50609211
Conc: 50.00 ng/ml



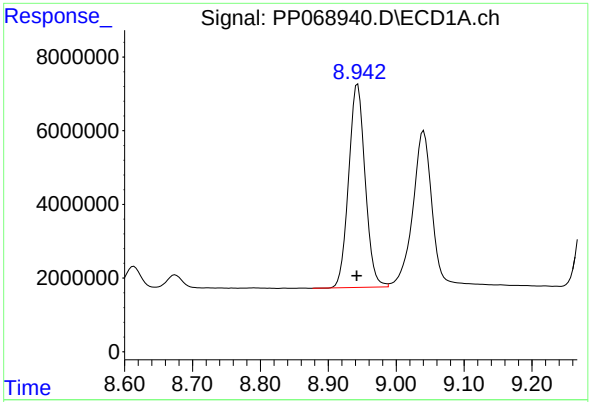
#2 Decachlorobiphenyl

R.T.: 10.525 min
Delta R.T.: 0.000 min
Response: 95218419
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

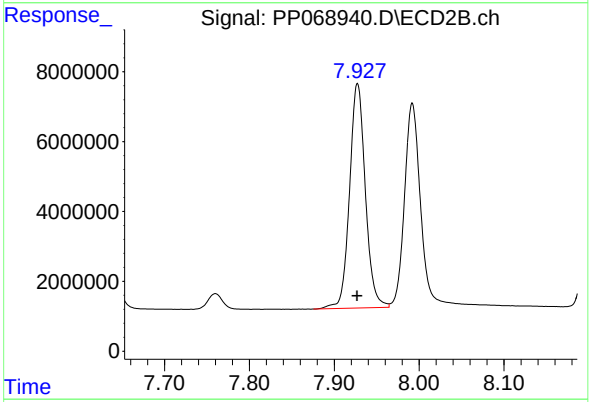
R.T.: 9.112 min
Delta R.T.: 0.000 min
Response: 101274967
Conc: 50.00 ng/ml



#41 AR-1268-1

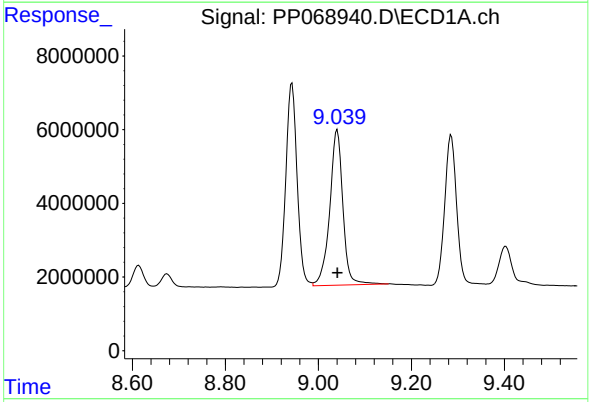
R.T.: 8.943 min
Delta R.T.: 0.001 min
Response: 93084259
Conc: 498.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



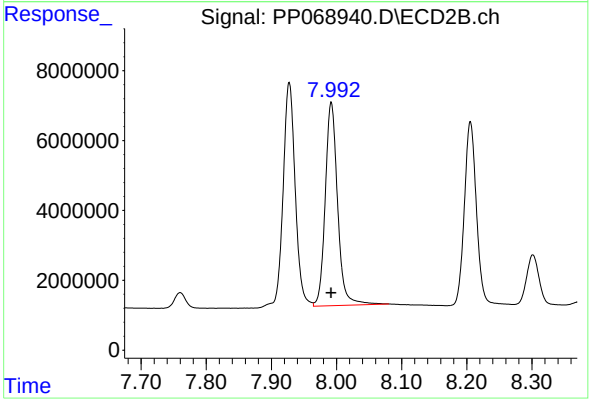
#41 AR-1268-1

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 83244536
Conc: 497.88 ng/ml



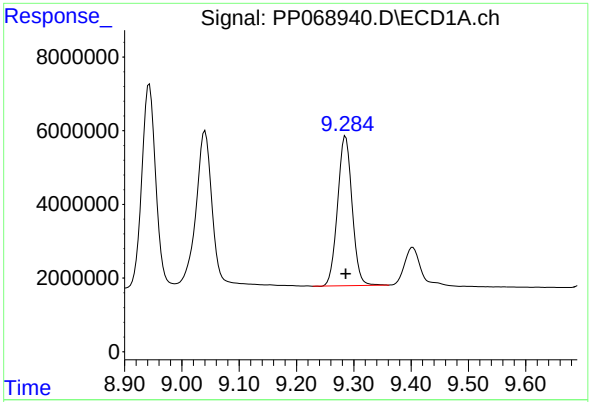
#42 AR-1268-2

R.T.: 9.041 min
Delta R.T.: 0.000 min
Response: 83144179
Conc: 500.00 ng/ml



#42 AR-1268-2

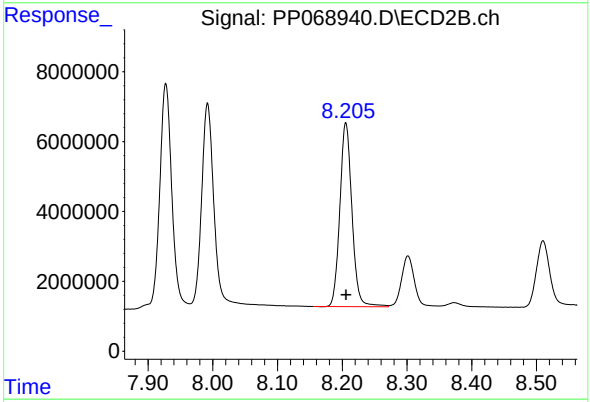
R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 76663380
Conc: 500.00 ng/ml



#43 AR-1268-3

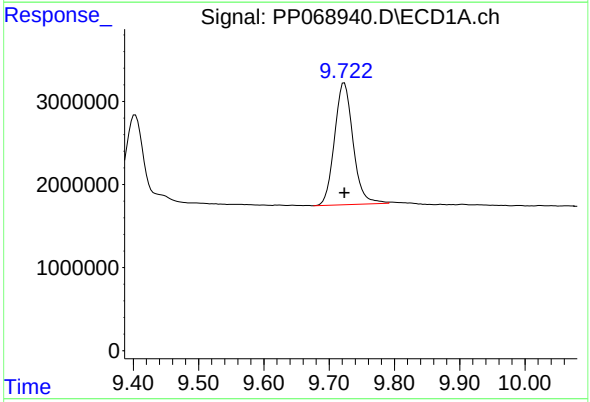
R.T.: 9.286 min
Delta R.T.: 0.000 min
Response: 71555320
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



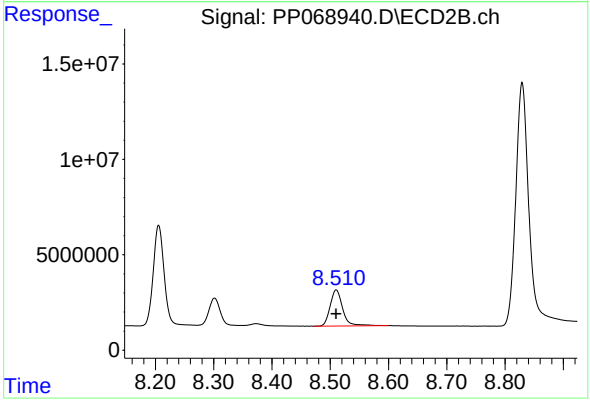
#43 AR-1268-3

R.T.: 8.206 min
Delta R.T.: 0.000 min
Response: 68345138
Conc: 500.00 ng/ml



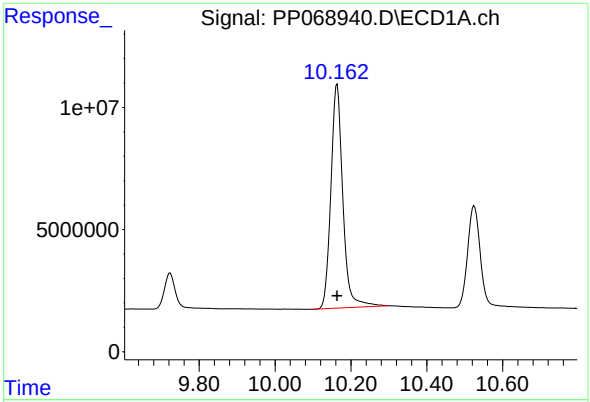
#44 AR-1268-4

R.T.: 9.723 min
Delta R.T.: 0.000 min
Response: 28963274
Conc: 500.00 ng/ml



#44 AR-1268-4

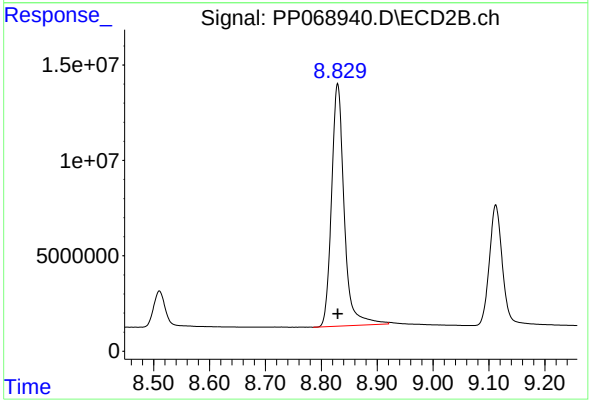
R.T.: 8.510 min
Delta R.T.: 0.000 min
Response: 28235724
Conc: 500.00 ng/ml



#45 AR-1268-5

R.T.: 10.163 min
Delta R.T.: 0.000 min
Response: 200337817
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



#45 AR-1268-5

R.T.: 8.829 min
Delta R.T.: 0.000 min
Response: 200061382
Conc: 500.00 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068941.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 03:00
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 05:44:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:43:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.674	3.985	36412053	26084674	25.104	25.771
2)	SA Decachlor...	10.527	9.112	49276971	51308802	25.876	25.331
	Target Compounds						
41)	L9 AR-1268-1	8.943	7.928	48620104	40722292	260.337	243.555
42)	L9 AR-1268-2	9.041	7.993	43106494	37392248	259.227	243.873
43)	L9 AR-1268-3	9.286	8.206	37196020	33885914	259.911	247.903
44)	L9 AR-1268-4	9.723	8.511	14585644	14014314	251.795	248.166
45)	L9 AR-1268-5	10.164	8.831	104.1E6	97273750	259.795	243.110

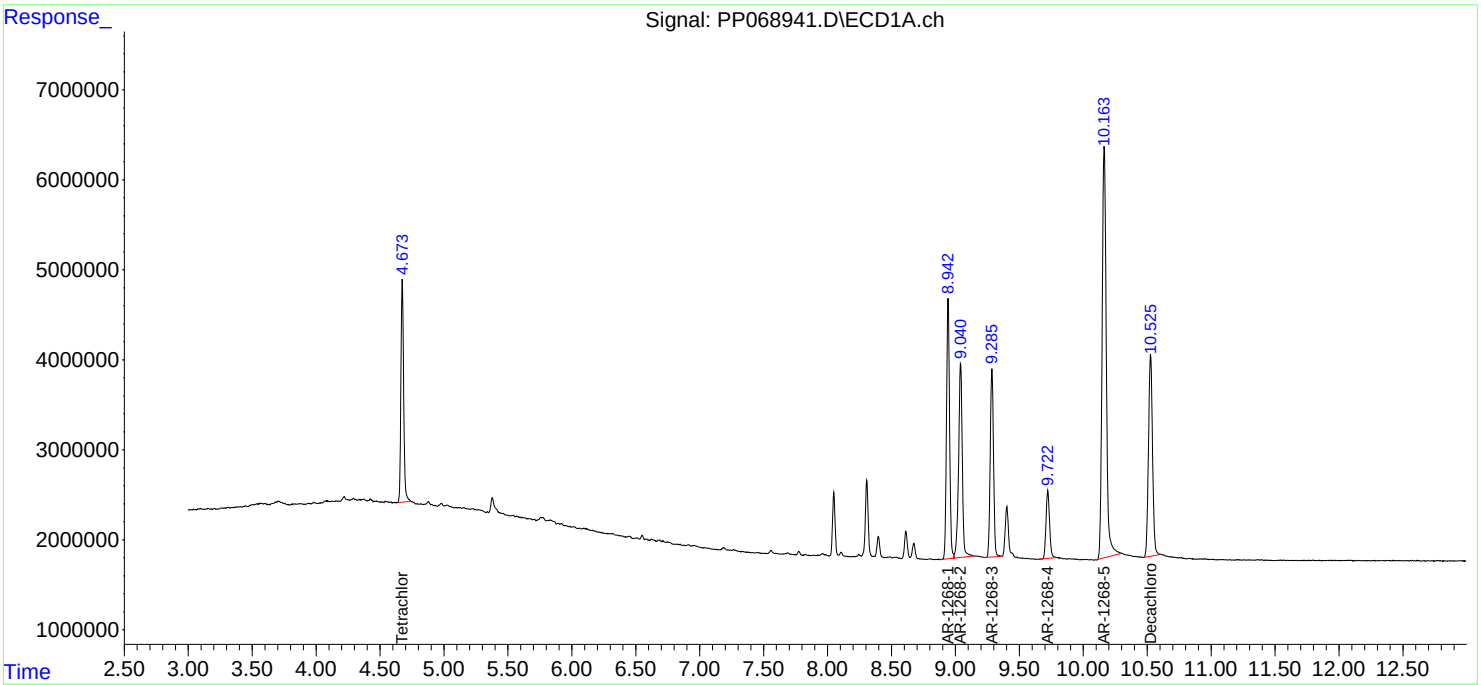
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

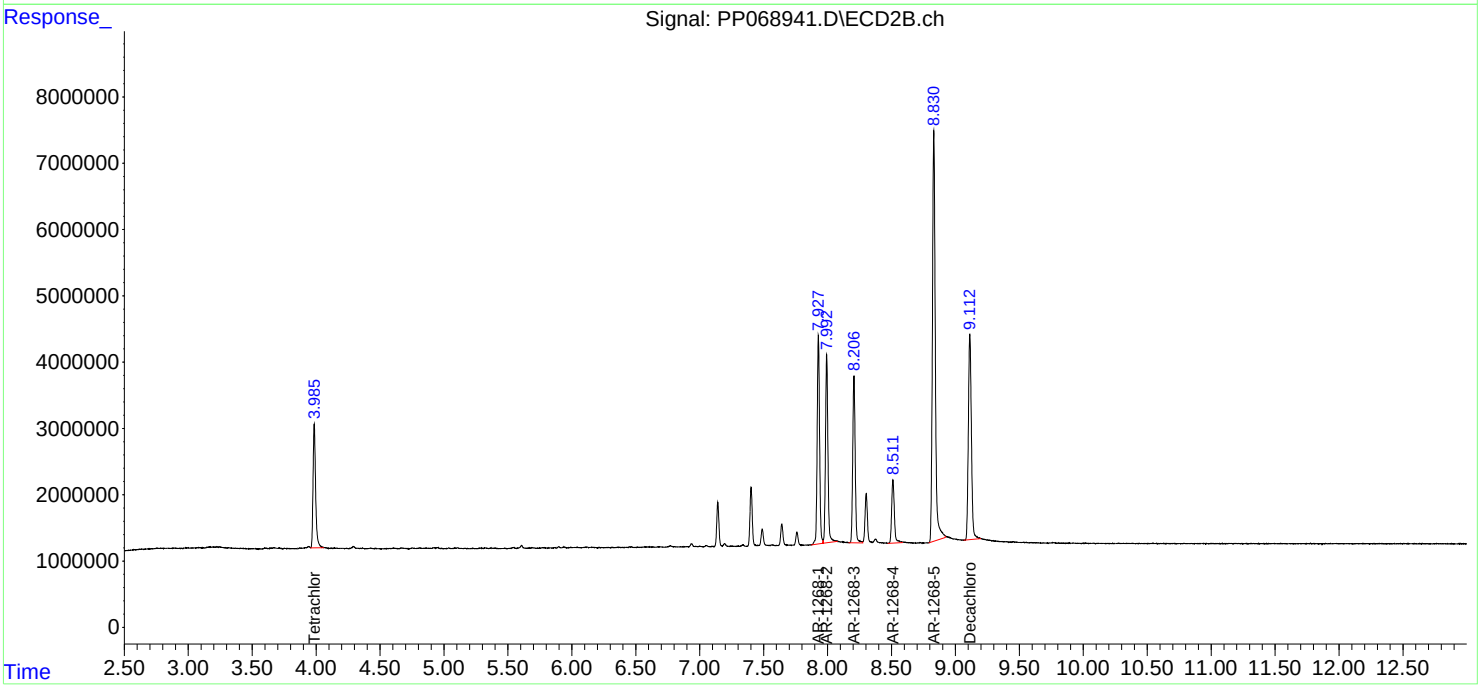
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068941.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 03:00
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

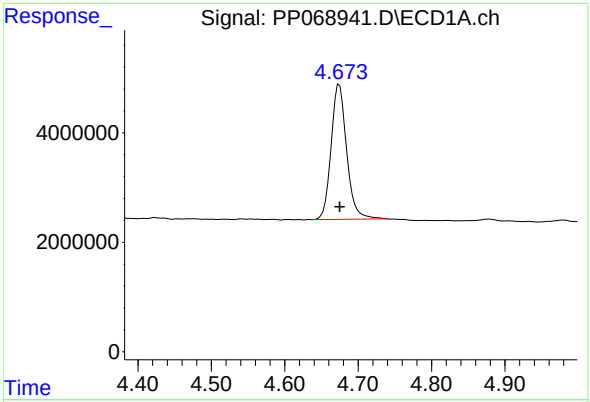
Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 05:44:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:43:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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



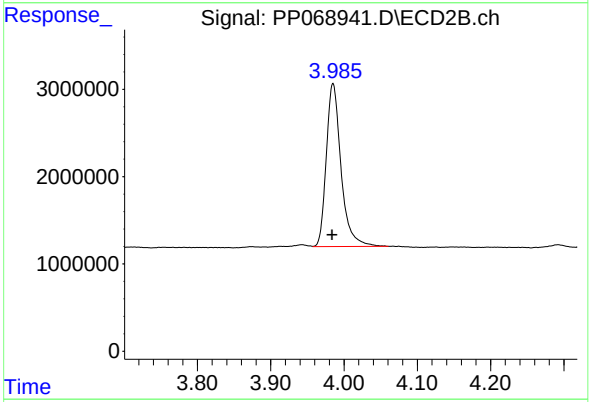




#1 Tetrachloro-m-xylene

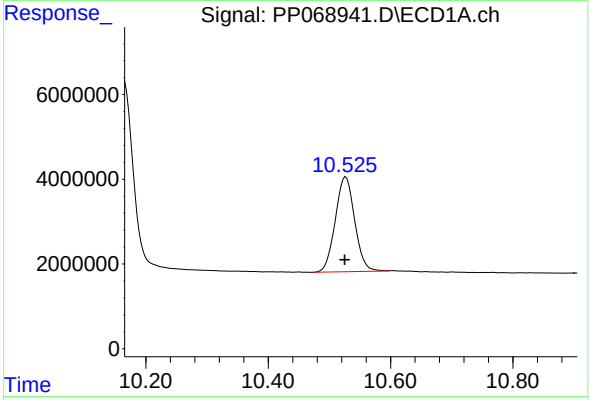
R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 36412053
Conc: 25.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



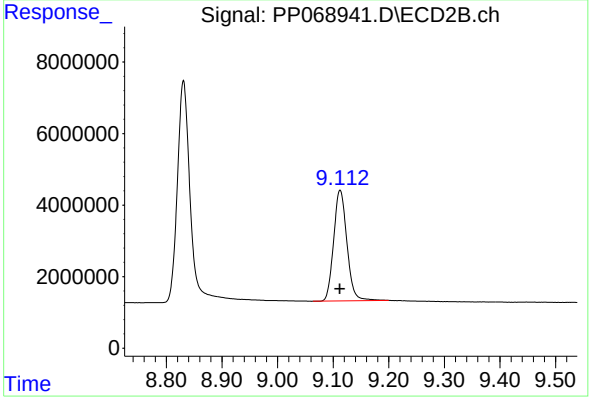
#1 Tetrachloro-m-xylene

R.T.: 3.985 min
Delta R.T.: 0.001 min
Response: 26084674
Conc: 25.77 ng/ml



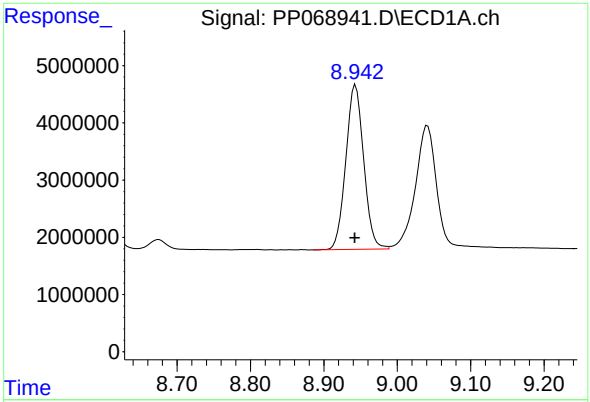
#2 Decachlorobiphenyl

R.T.: 10.527 min
Delta R.T.: 0.002 min
Response: 49276971
Conc: 25.88 ng/ml



#2 Decachlorobiphenyl

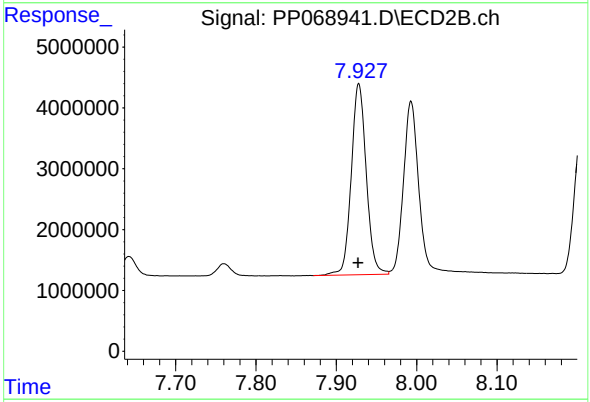
R.T.: 9.112 min
Delta R.T.: 0.000 min
Response: 51308802
Conc: 25.33 ng/ml



#41 AR-1268-1

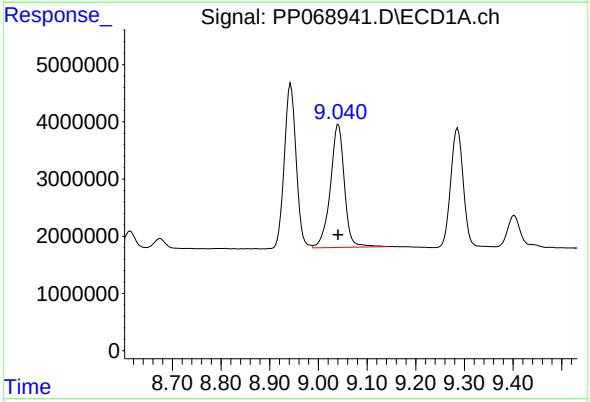
R.T.: 8.943 min
Delta R.T.: 0.001 min
Response: 48620104
Conc: 260.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



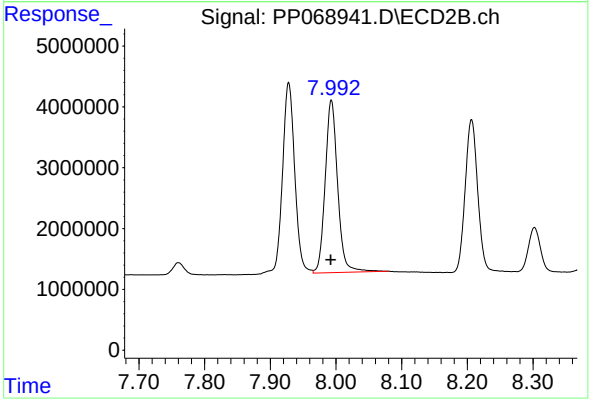
#41 AR-1268-1

R.T.: 7.928 min
Delta R.T.: 0.001 min
Response: 40722292
Conc: 243.55 ng/ml



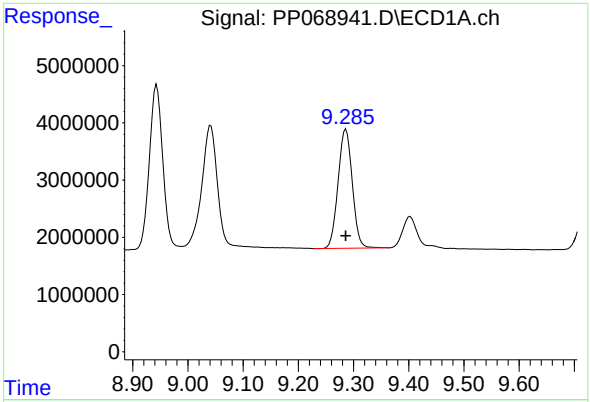
#42 AR-1268-2

R.T.: 9.041 min
Delta R.T.: 0.000 min
Response: 43106494
Conc: 259.23 ng/ml



#42 AR-1268-2

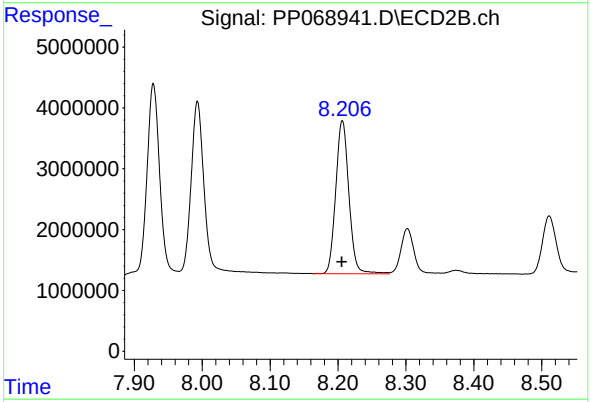
R.T.: 7.993 min
Delta R.T.: 0.001 min
Response: 37392248
Conc: 243.87 ng/ml



#43 AR-1268-3

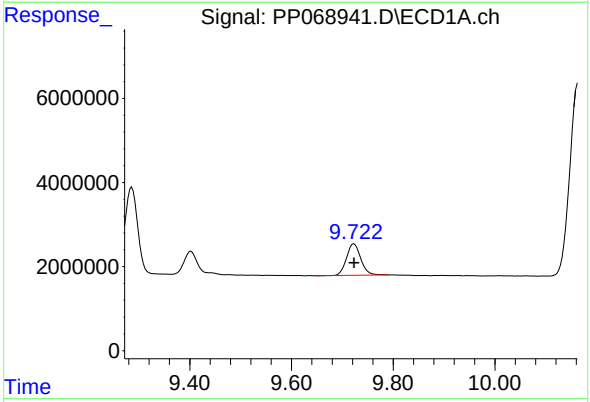
R.T.: 9.286 min
Delta R.T.: 0.000 min
Response: 37196020
Conc: 259.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



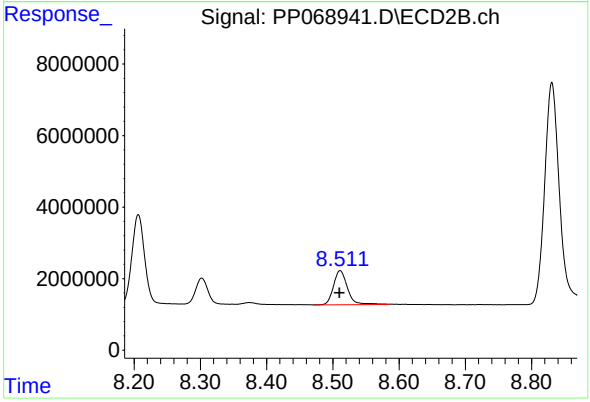
#43 AR-1268-3

R.T.: 8.206 min
Delta R.T.: 0.000 min
Response: 33885914
Conc: 247.90 ng/ml



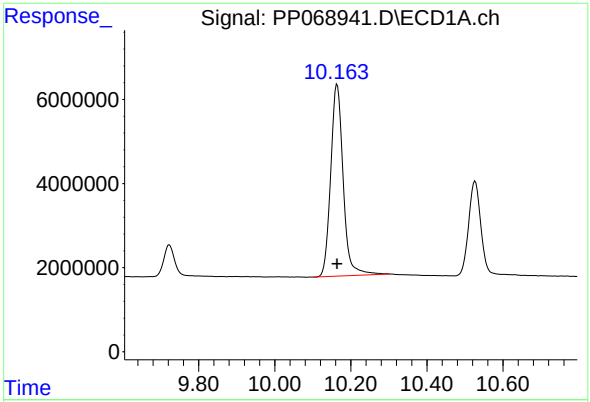
#44 AR-1268-4

R.T.: 9.723 min
Delta R.T.: 0.000 min
Response: 14585644
Conc: 251.80 ng/ml



#44 AR-1268-4

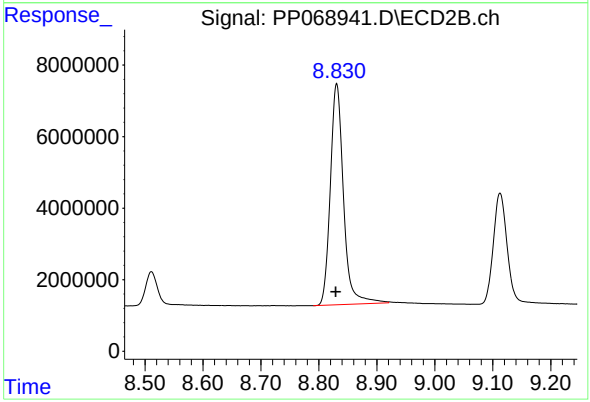
R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 14014314
Conc: 248.17 ng/ml



#45 AR-1268-5

R.T.: 10.164 min
Delta R.T.: 0.000 min
Response: 104093495
Conc: 259.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



#45 AR-1268-5

R.T.: 8.831 min
Delta R.T.: 0.001 min
Response: 97273750
Conc: 243.11 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068942.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 03:16
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 05:44:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:43:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.674	3.985	6701513	5019697	4.620	4.959
2)	SA Decachlor...	10.525	9.113	9687344	10936318	5.087	5.399
	Target Compounds						
41)	L9 AR-1268-1	8.942	7.928	9658196	8709953	51.715	52.093
42)	L9 AR-1268-2	9.039	7.993	8234453	7668425	49.519	50.014
43)	L9 AR-1268-3	9.284	8.207	7258307	6997899	50.718	51.195
44)	L9 AR-1268-4	9.721	8.511	2741415	2473714	47.326	43.805
45)	L9 AR-1268-5	10.162	8.830	20261101	20123266	50.567	50.293

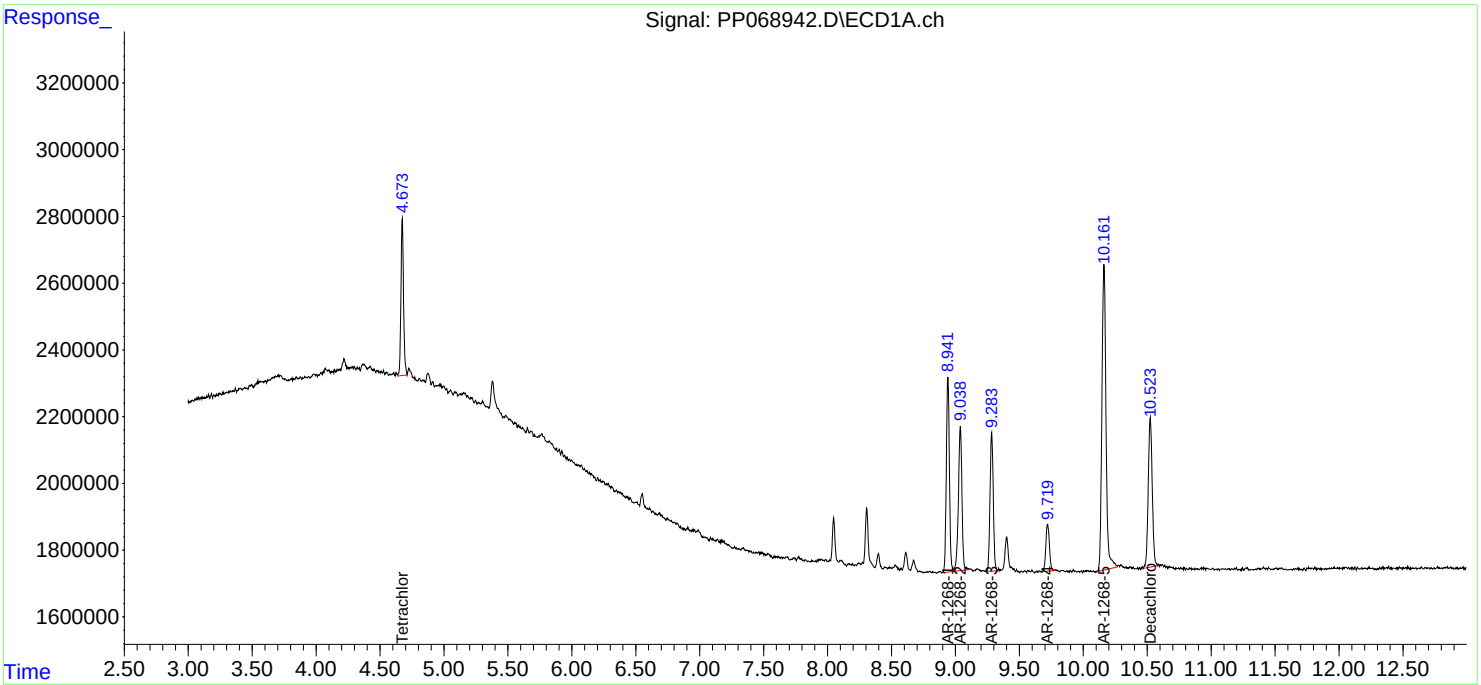
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

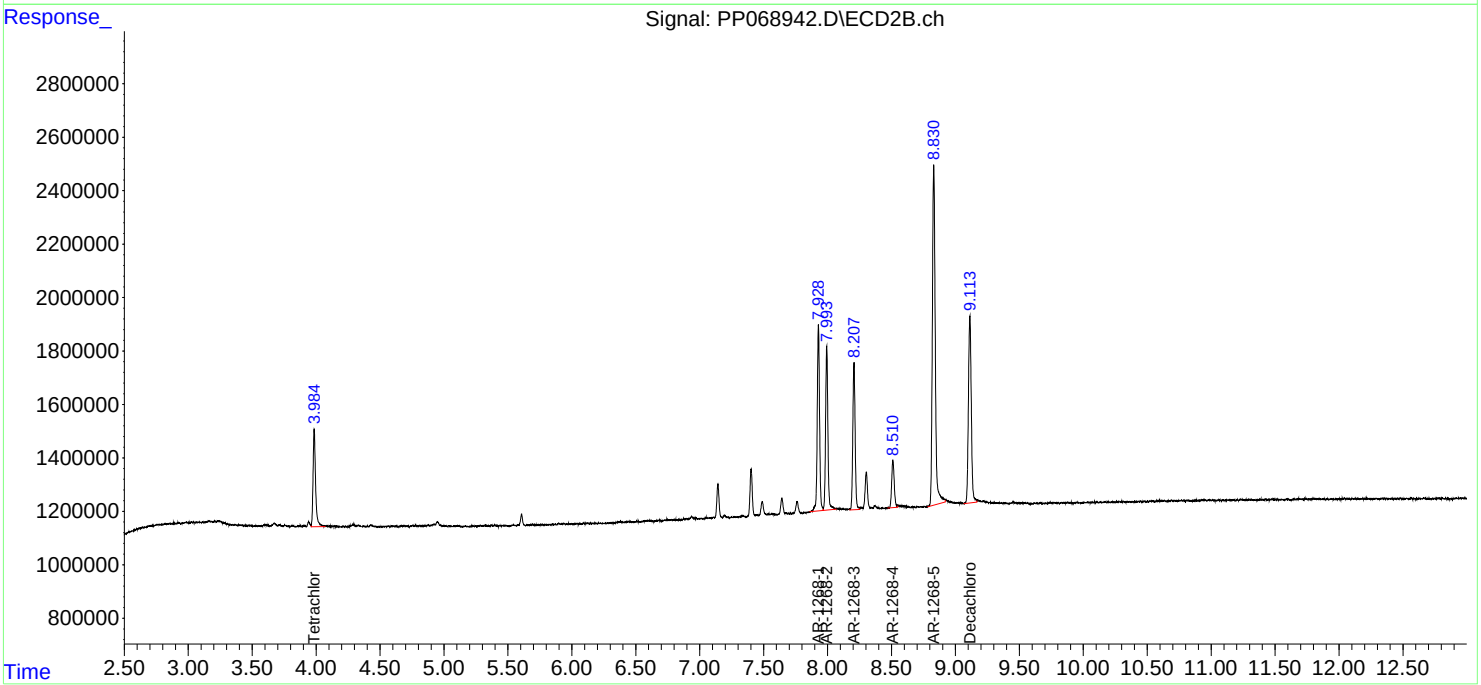
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068942.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 03:16
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

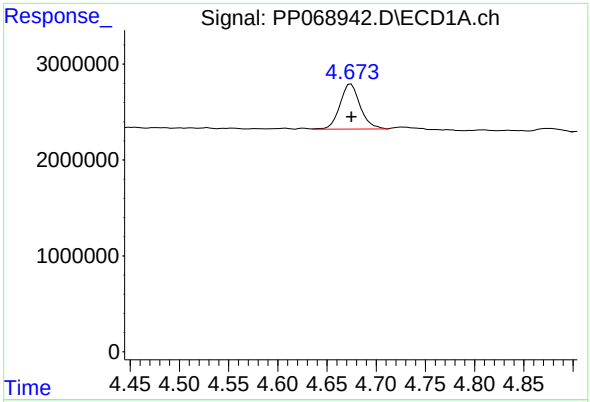
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 05:44:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:43:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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



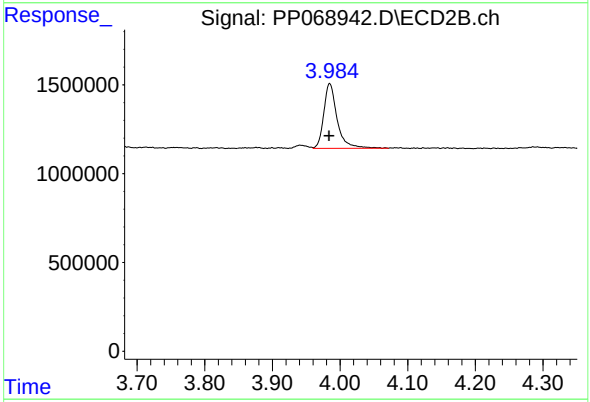




#1 Tetrachloro-m-xylene

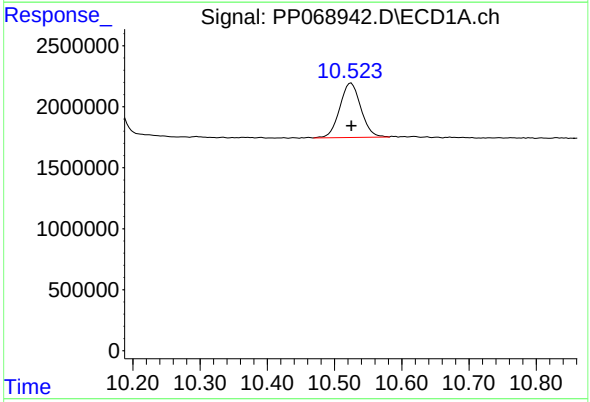
R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 6701513
Conc: 4.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



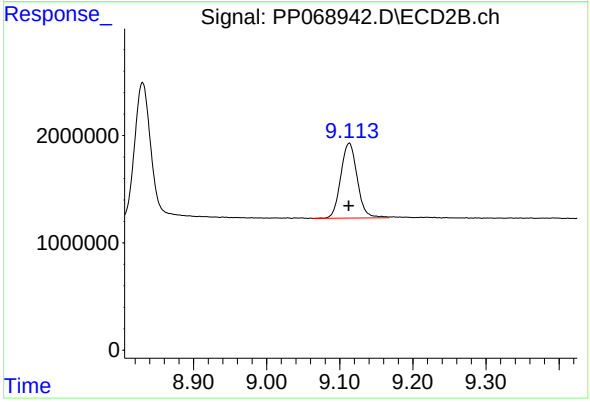
#1 Tetrachloro-m-xylene

R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 5019697
Conc: 4.96 ng/ml



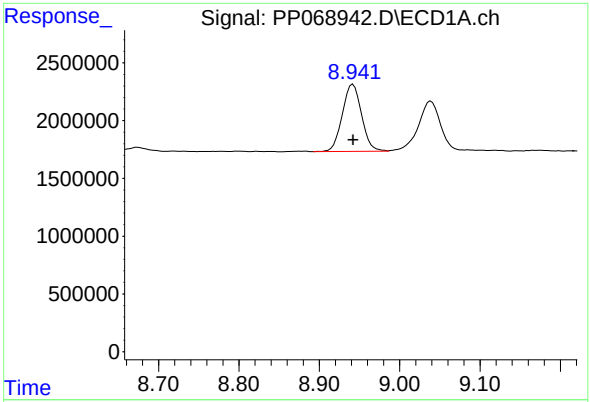
#2 Decachlorobiphenyl

R.T.: 10.525 min
Delta R.T.: 0.000 min
Response: 9687344
Conc: 5.09 ng/ml



#2 Decachlorobiphenyl

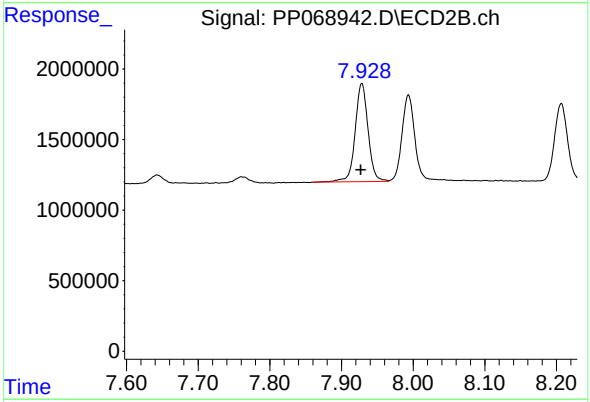
R.T.: 9.113 min
Delta R.T.: 0.000 min
Response: 10936318
Conc: 5.40 ng/ml



#41 AR-1268-1

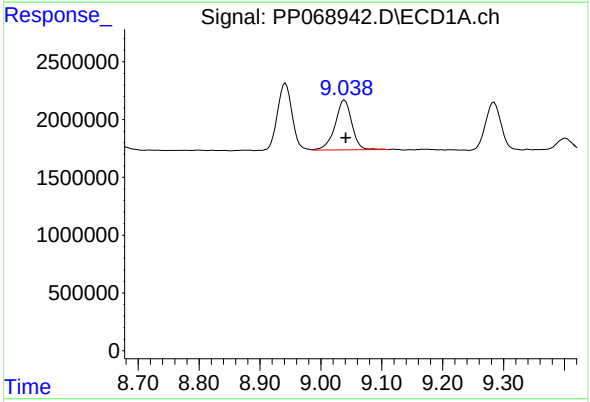
R.T.: 8.942 min
Delta R.T.: 0.000 min
Response: 9658196
Conc: 51.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



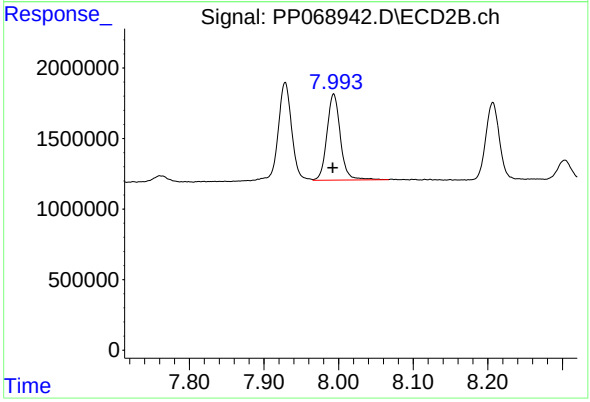
#41 AR-1268-1

R.T.: 7.928 min
Delta R.T.: 0.001 min
Response: 8709953
Conc: 52.09 ng/ml



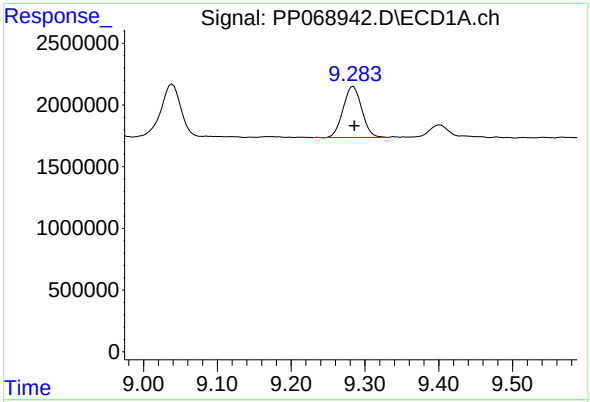
#42 AR-1268-2

R.T.: 9.039 min
Delta R.T.: -0.002 min
Response: 8234453
Conc: 49.52 ng/ml



#42 AR-1268-2

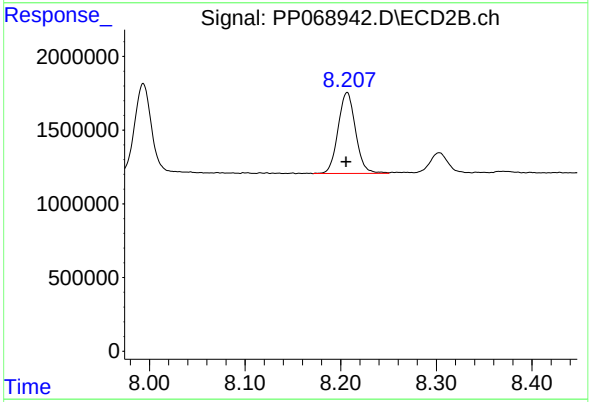
R.T.: 7.993 min
Delta R.T.: 0.001 min
Response: 7668425
Conc: 50.01 ng/ml



#43 AR-1268-3

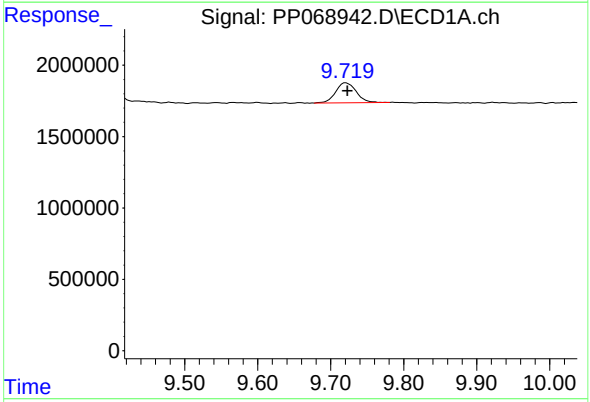
R.T.: 9.284 min
Delta R.T.: -0.001 min
Response: 7258307
Conc: 50.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



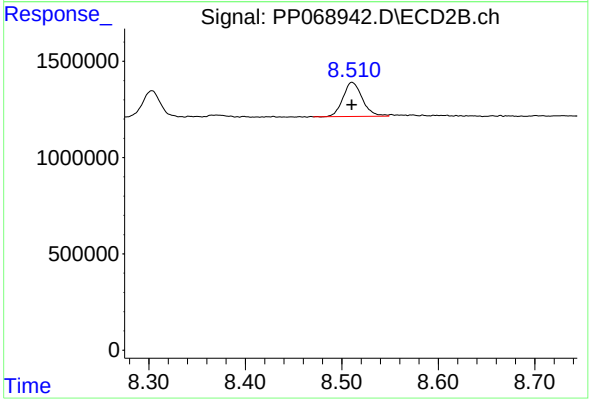
#43 AR-1268-3

R.T.: 8.207 min
Delta R.T.: 0.001 min
Response: 6997899
Conc: 51.20 ng/ml



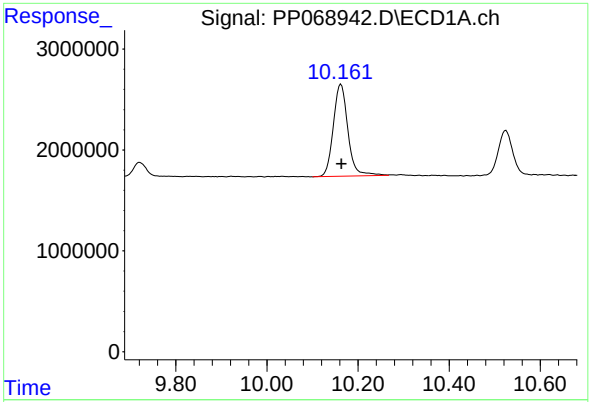
#44 AR-1268-4

R.T.: 9.721 min
Delta R.T.: -0.002 min
Response: 2741415
Conc: 47.33 ng/ml



#44 AR-1268-4

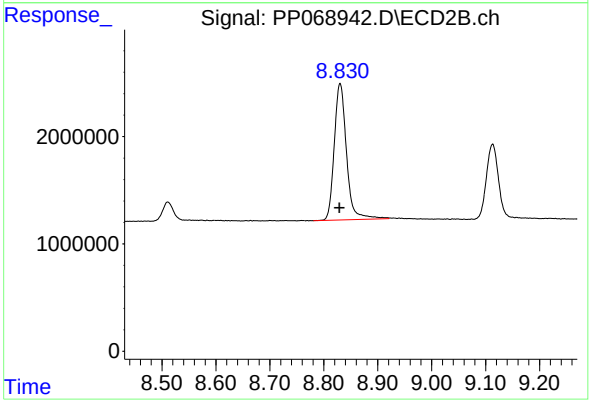
R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 2473714
Conc: 43.80 ng/ml



#45 AR-1268-5

R.T.: 10.162 min
Delta R.T.: 0.000 min
Response: 20261101
Conc: 50.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



#45 AR-1268-5

R.T.: 8.830 min
Delta R.T.: 0.000 min
Response: 20123266
Conc: 50.29 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068946.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 04:21
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP010625AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:55:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 04:31:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.675	3.985	76900922	55729128	52.541	52.758
2)	SA Decachlor...	10.526	9.113	61345705	63520580	52.686	52.516
	Target Compounds						
26)	L6 AR-1254-1	6.690	5.899	41938137	31814360	806.943	528.661 #
27)	L6 AR-1254-2	6.907	6.047	42499134	28025650	518.183	525.675
28)	L6 AR-1254-3	7.271	6.455	42679794	43666057	525.280	526.005
29)	L6 AR-1254-4	7.554	6.683	32222102	24035176	524.178	530.895
30)	L6 AR-1254-5	7.972	7.104	40254578	39589013	603.445	521.708

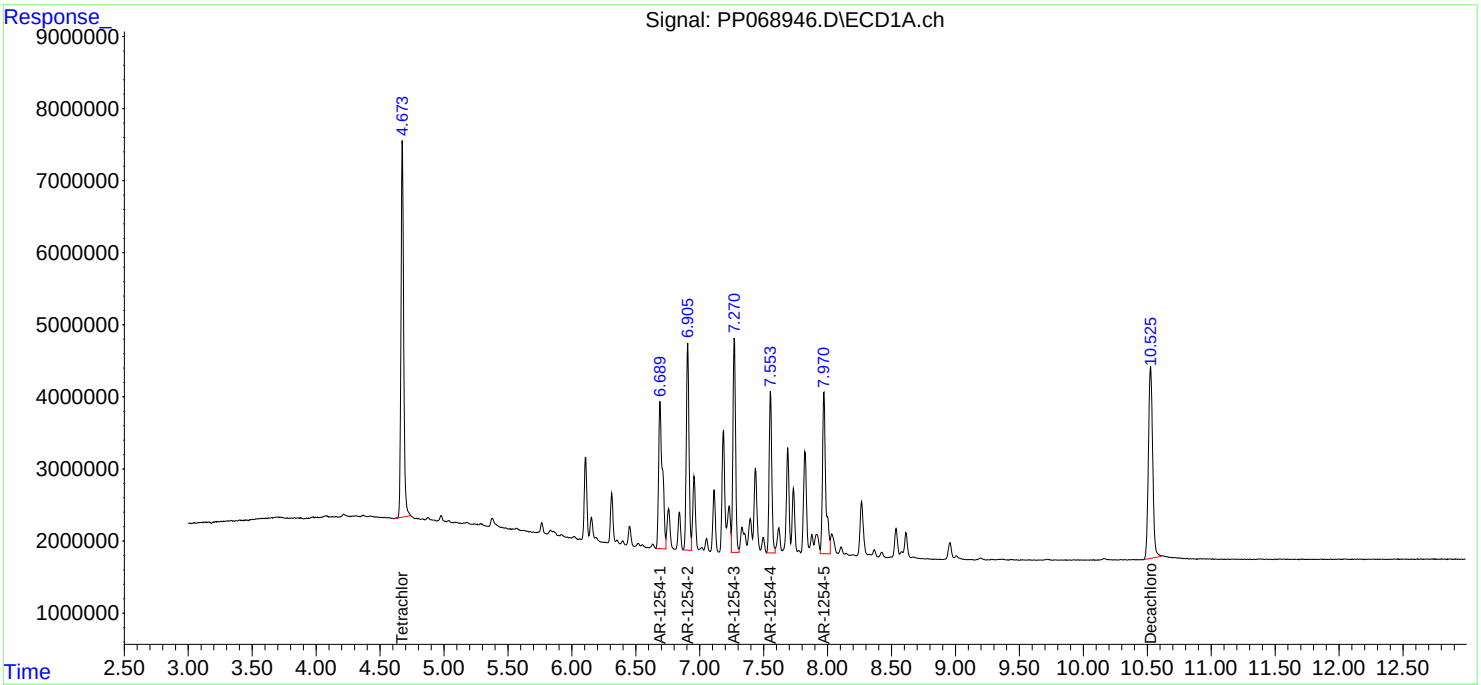
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

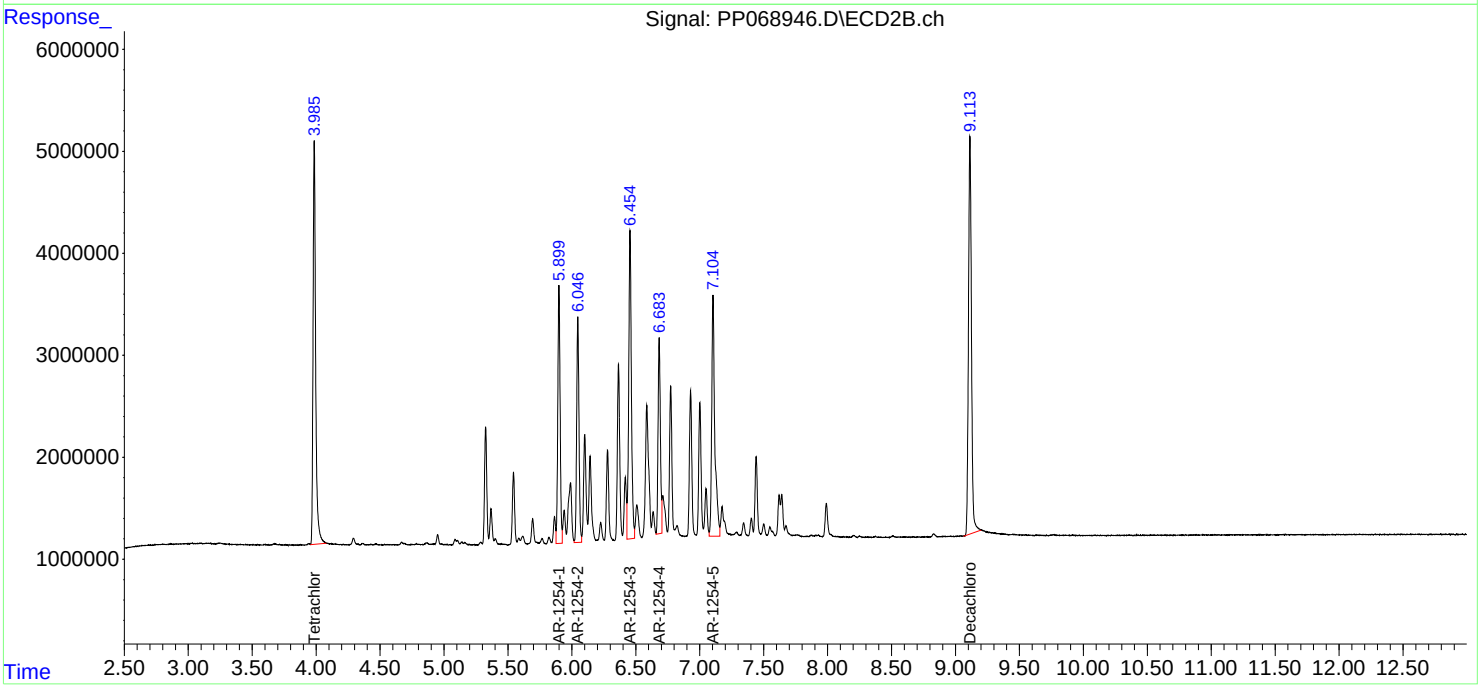
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068946.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 04:21
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

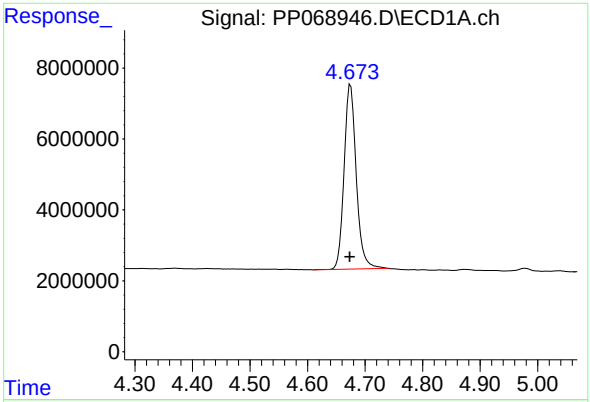
Instrument :
ECD_P
ClientSampleId :
ICVPP010625AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:55:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 04:31:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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



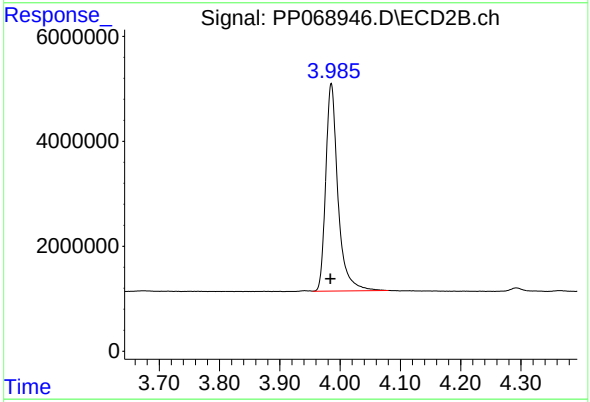




#1 Tetrachloro-m-xylene

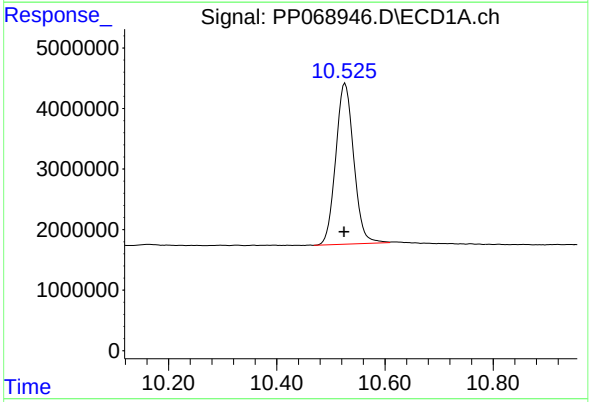
R.T.: 4.675 min
Delta R.T.: 0.002 min
Response: 76900922
Conc: 52.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP010625AR1254



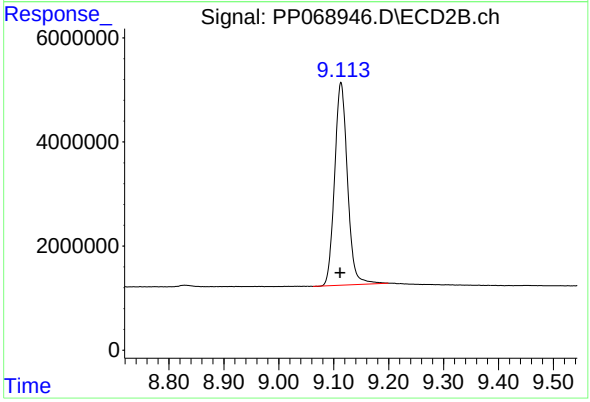
#1 Tetrachloro-m-xylene

R.T.: 3.985 min
Delta R.T.: 0.001 min
Response: 55729128
Conc: 52.76 ng/ml



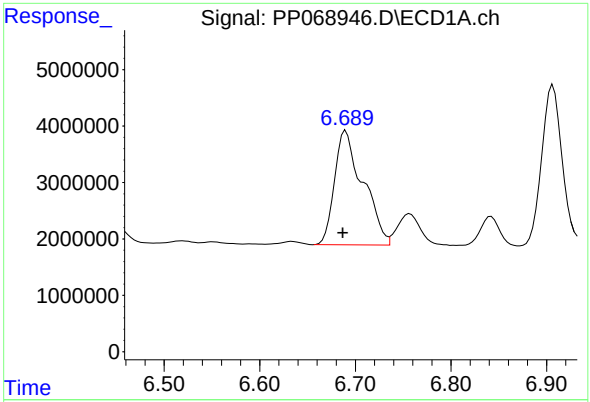
#2 Decachlorobiphenyl

R.T.: 10.526 min
Delta R.T.: 0.002 min
Response: 61345705
Conc: 52.69 ng/ml



#2 Decachlorobiphenyl

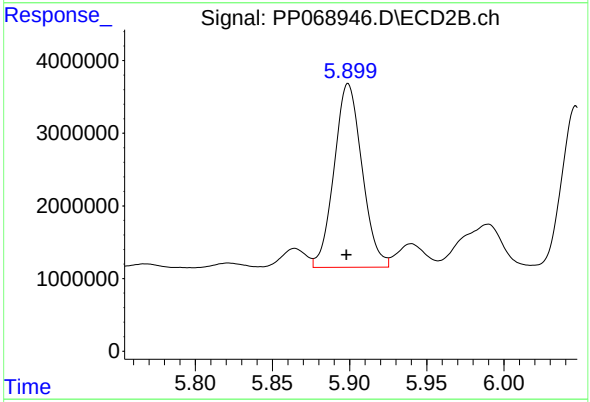
R.T.: 9.113 min
Delta R.T.: 0.002 min
Response: 63520580
Conc: 52.52 ng/ml



#26 AR-1254-1

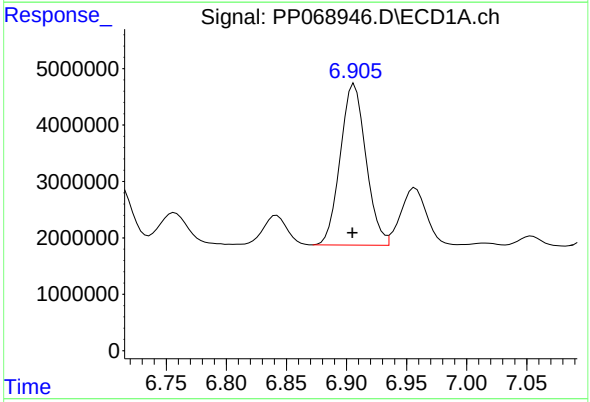
R.T.: 6.690 min
Delta R.T.: 0.003 min
Response: 41938137
Conc: 806.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP010625AR1254



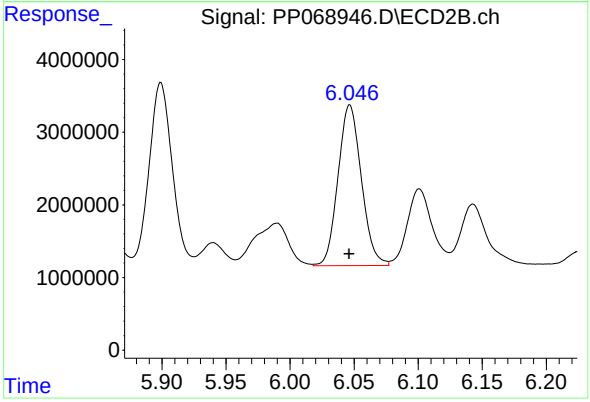
#26 AR-1254-1

R.T.: 5.899 min
Delta R.T.: 0.001 min
Response: 31814360
Conc: 528.66 ng/ml



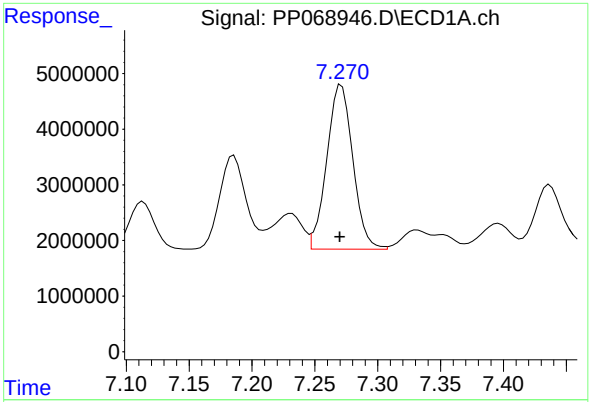
#27 AR-1254-2

R.T.: 6.907 min
Delta R.T.: 0.002 min
Response: 42499134
Conc: 518.18 ng/ml



#27 AR-1254-2

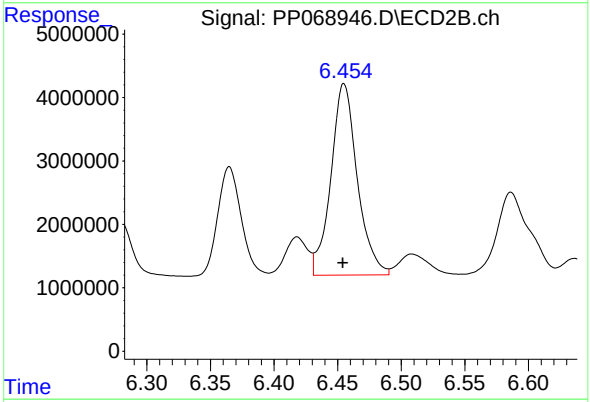
R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 28025650
Conc: 525.67 ng/ml



#28 AR-1254-3

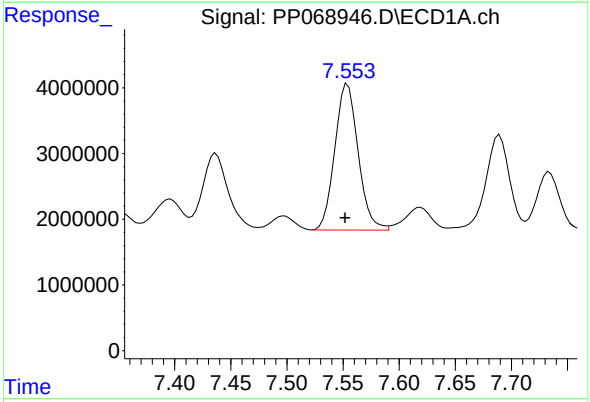
R.T.: 7.271 min
Delta R.T.: 0.001 min
Response: 42679794
Conc: 525.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP010625AR1254



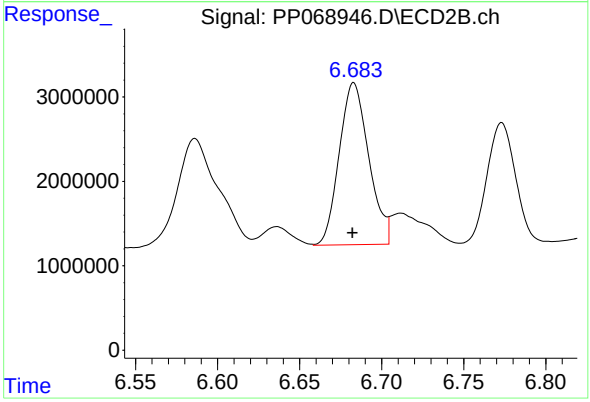
#28 AR-1254-3

R.T.: 6.455 min
Delta R.T.: 0.000 min
Response: 43666057
Conc: 526.01 ng/ml



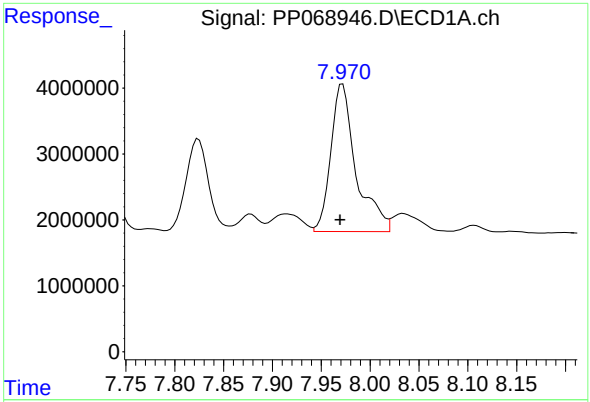
#29 AR-1254-4

R.T.: 7.554 min
Delta R.T.: 0.002 min
Response: 32222102
Conc: 524.18 ng/ml



#29 AR-1254-4

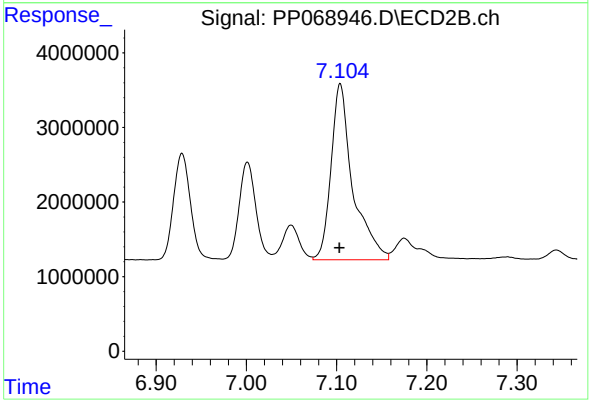
R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 24035176
Conc: 530.90 ng/ml



#30 AR-1254-5

R.T.: 7.972 min
Delta R.T.: 0.003 min
Response: 40254578
Conc: 603.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP010625AR1254



#30 AR-1254-5

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 39589013
Conc: 521.71 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068947.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 04:37
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP010625AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 05:45:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:43:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.674	3.985	75573682	53172725	52.103	52.533
2)	SA Decachlor...	10.525	9.113	98837163	104.3E6	51.900	51.479
	Target Compounds						
41)	L9 AR-1268-1	8.942	7.928	98003223	86174490	524.760	515.399
42)	L9 AR-1268-2	9.040	7.993	87375737	79847574	525.447	520.767
43)	L9 AR-1268-3	9.285	8.207	74759536	70603074	522.390	516.519
44)	L9 AR-1268-4	9.722	8.511	29783145	29509345	514.154	522.553
45)	L9 AR-1268-5	10.162	8.830	210.4E6	204.9E6	525.166	511.979

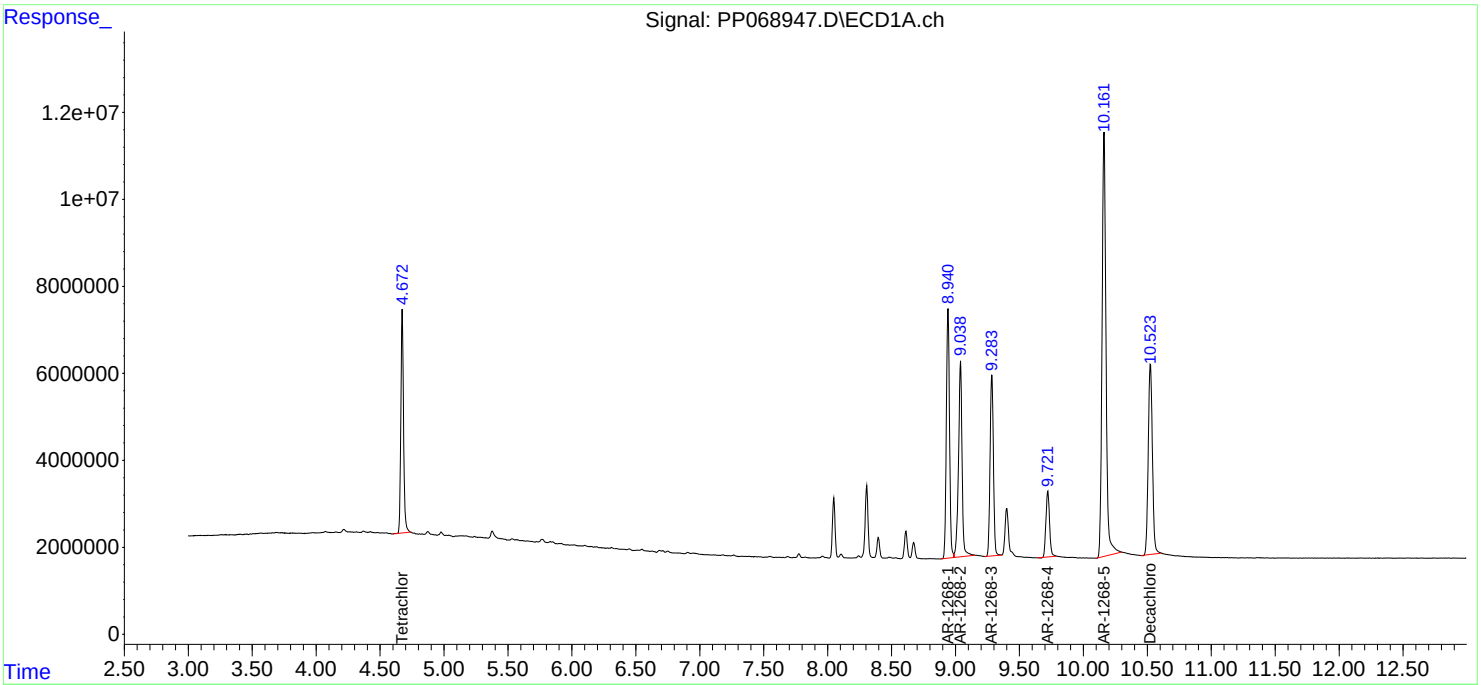
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

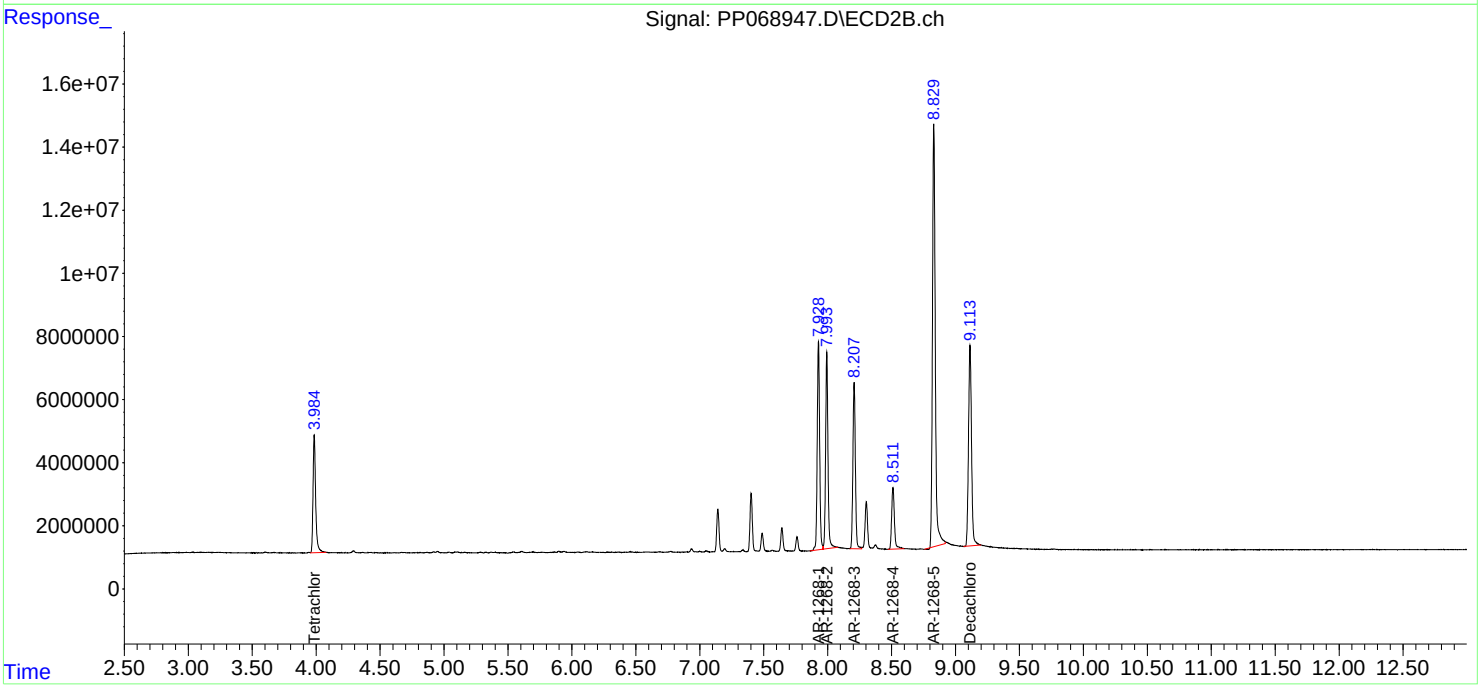
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068947.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 04:37
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

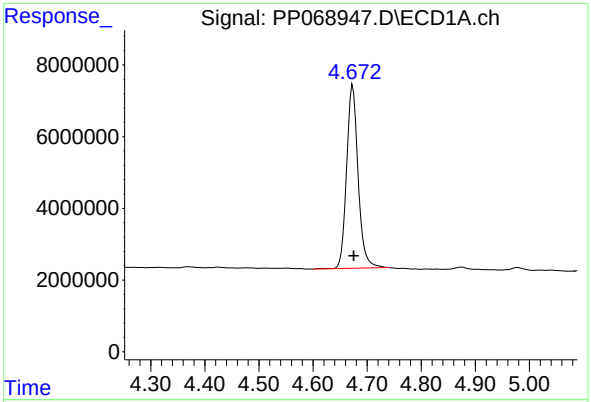
Instrument :
ECD_P
ClientSampleId :
ICVPP010625AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 05:45:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:43:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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



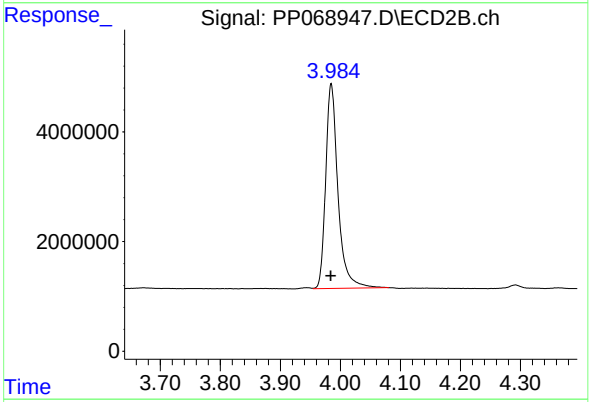




#1 Tetrachloro-m-xylene

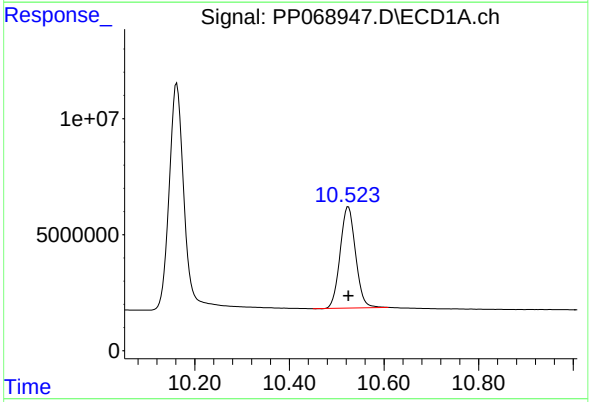
R.T.: 4.674 min
Delta R.T.: -0.001 min
Response: 75573682
Conc: 52.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP010625AR1268



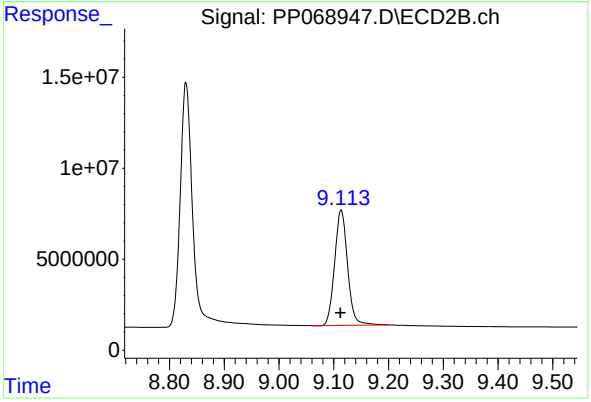
#1 Tetrachloro-m-xylene

R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 53172725
Conc: 52.53 ng/ml



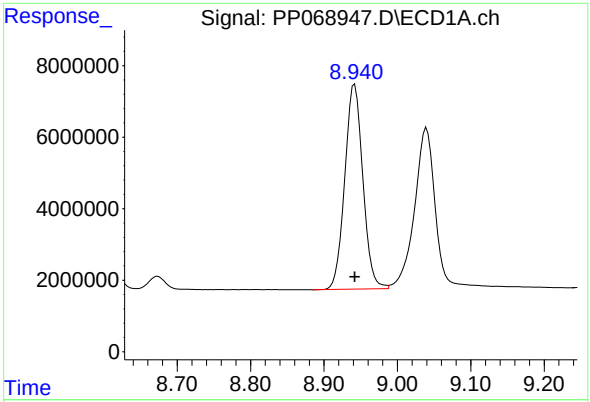
#2 Decachlorobiphenyl

R.T.: 10.525 min
Delta R.T.: 0.000 min
Response: 98837163
Conc: 51.90 ng/ml



#2 Decachlorobiphenyl

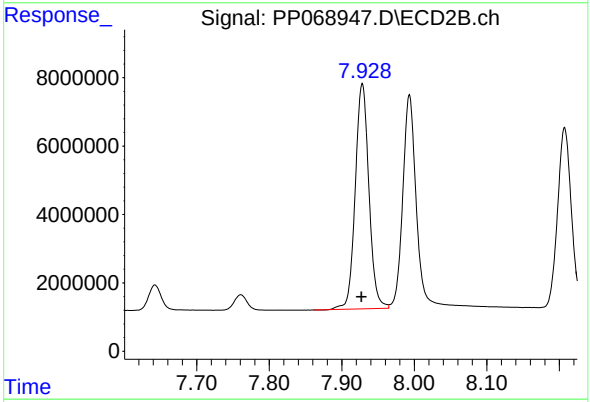
R.T.: 9.113 min
Delta R.T.: 0.001 min
Response: 104269780
Conc: 51.48 ng/ml



#41 AR-1268-1

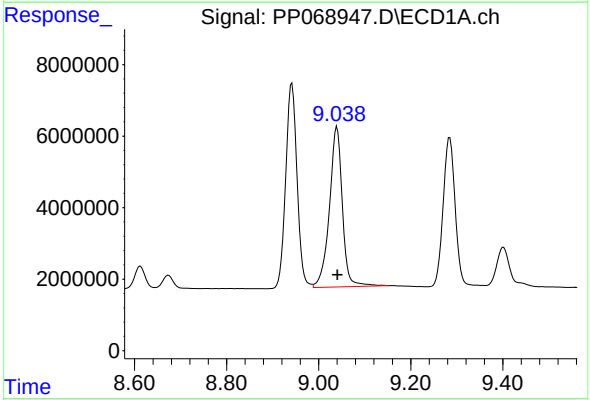
R.T.: 8.942 min
Delta R.T.: 0.000 min
Response: 98003223
Conc: 524.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP010625AR1268



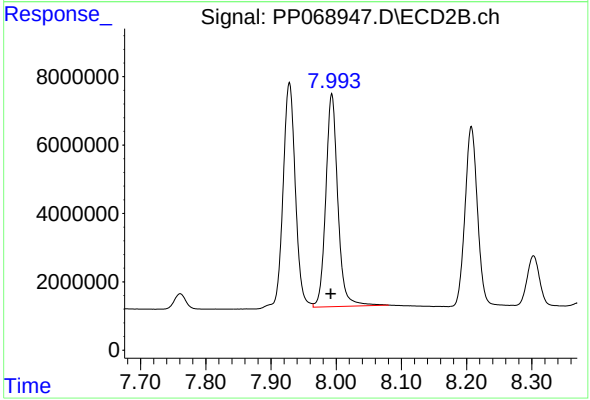
#41 AR-1268-1

R.T.: 7.928 min
Delta R.T.: 0.001 min
Response: 86174490
Conc: 515.40 ng/ml



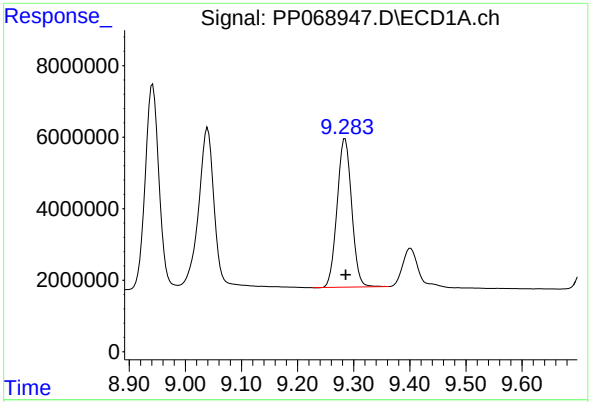
#42 AR-1268-2

R.T.: 9.040 min
Delta R.T.: 0.000 min
Response: 87375737
Conc: 525.45 ng/ml



#42 AR-1268-2

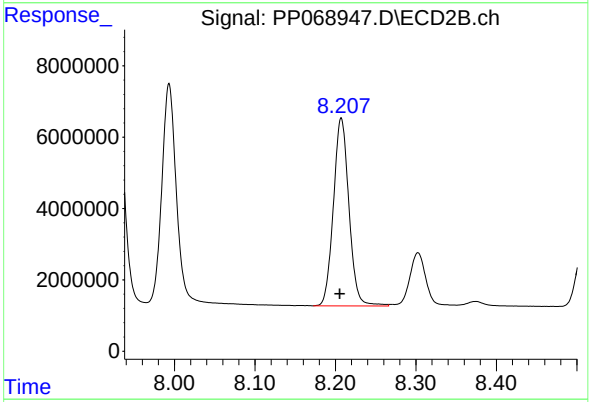
R.T.: 7.993 min
Delta R.T.: 0.001 min
Response: 79847574
Conc: 520.77 ng/ml



#43 AR-1268-3

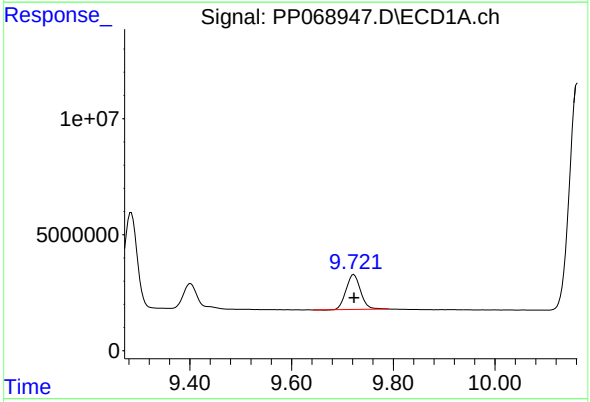
R.T.: 9.285 min
Delta R.T.: 0.000 min
Response: 74759536
Conc: 522.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP010625AR1268



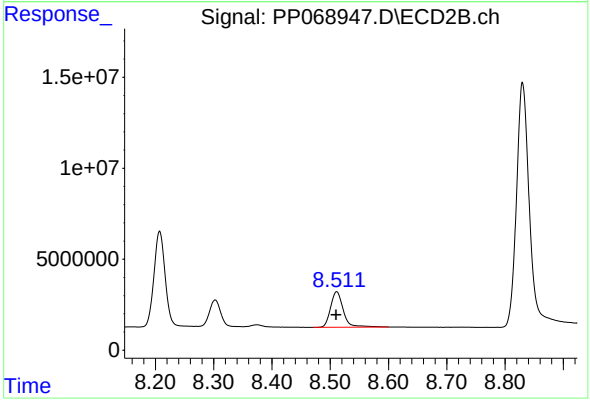
#43 AR-1268-3

R.T.: 8.207 min
Delta R.T.: 0.002 min
Response: 70603074
Conc: 516.52 ng/ml



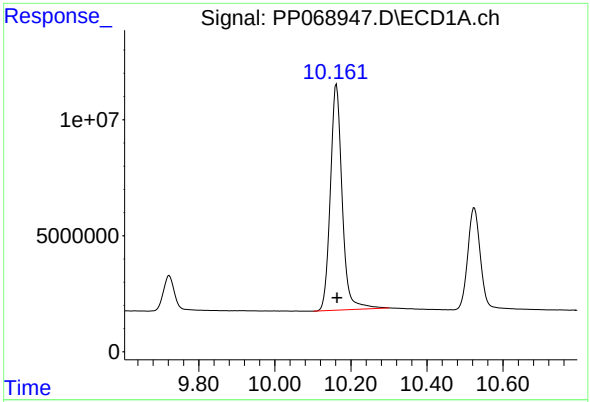
#44 AR-1268-4

R.T.: 9.722 min
Delta R.T.: 0.000 min
Response: 29783145
Conc: 514.15 ng/ml



#44 AR-1268-4

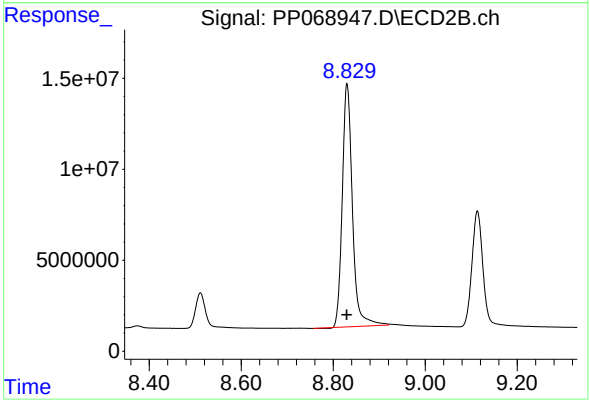
R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 29509345
Conc: 522.55 ng/ml



#45 AR-1268-5

R.T.: 10.162 min
Delta R.T.: -0.001 min
Response: 210421207
Conc: 525.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP010625AR1268



#45 AR-1268-5

R.T.: 8.830 min
Delta R.T.: 0.000 min
Response: 204854304
Conc: 511.98 ng/ml