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

DATA PACKAGE

GC SEMI-VOLATILES

PROJECT NAME : CTO WE13

TETRA TECH NUS, INC.

661 Andersen Drive

Suite 200

Pittsburgh, PA - 15220-2745

Phone No: 412-921-7090

ORDER ID : Q1774

ATTENTION : Ernie Wu

Laboratory Certification ID # 20012

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Cover Page

Order ID : Q1774

Project ID : CTO WE13

Client : Tetra Tech NUS, Inc.

Lab Sample Number	Client Sample Number
Q1774-02	TT-073-IDWGW-20250409
Q1774-03	TT-074-IDWGW-20250409
Q1774-04	TT-075-IDWGW-20250409

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: 4/17/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Tetra Tech NUS, Inc.
Project Name: CTO WE13
Project Manager # Ernie Wu
Chemtech Project # Q1774
Test Name: PCB

A. Number of Samples and Date of Receipt:
3 Water samples were received on 04/10/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-TAL, METALS-TAL, PCB, pH and VOCMS Group4. 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 except for TT-074-IDWGW-20250409 [Decachlorobiphenyl(2) - 36%], TT-075-IDWGW-20250409 [Decachlorobiphenyl(2) - 39%], as per method one surrogate is allowed to failed, therefore no corrective action was taken.

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 met the requirements .

E. Additional Comments:

The not QT review data is reported in the Miscellaneous.

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

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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_____

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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

QA Control # A3040960

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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: Q1774 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 met the requirements .			✓
4.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
5.	Surrogate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable ranges. The Surrogate recoveries met the acceptable criteria except for TT-074-IDWGW-20250409 [Decachlorobiphenyl(2) - 36%], TT-075-IDWGW-20250409 [Decachlorobiphenyl(2) - 39%], as per method one surrogate is allowed to failed, therefore no corrective action was taken.		✓	
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:			✓

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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

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

ADDITIONAL COMMENTS:

The not QT review data is reported in the Miscellaneous.

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

_____ _____

QA REVIEW Date

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1774

	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: MOHAMMAD AHMED **Date:** 04/17/2025

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LAB CHRONICLE

OrderID:	Q1774	**OrderDate:**	4/10/2025 10:43:00 AM
Client:	Tetra Tech NUS, Inc.	**Project:**	CTO WE13
Contact:	Ernie Wu	**Location:**	F11,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1774-02	**TT-073-IDWGW-2025 0409**	**WATER**			**04/09/25**			**04/10/25**
			PCB	8082A		04/10/25	04/10/25	
Q1774-03	**TT-074-IDWGW-2025 0409**	**WATER**			**04/09/25**			**04/10/25**
			PCB	8082A		04/10/25	04/10/25	
Q1774-04	**TT-075-IDWGW-2025 0409**	**WATER**			**04/09/25**			**04/10/25**
			PCB	8082A		04/10/25	04/10/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1774 **Order ID:** Q1774

Client: Tetra Tech NUS, Inc. **Project ID:** CTO WE13

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID :									
			Total Concentration:	**0.000**					

QC SUMMARY

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Surrogate Summary

SDG No.: Q1774

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-PP070916.D	PIBLK-PP070916.D	Tetrachloro-m-xylene	1	20	18.8	94		60	140
		Decachlorobiphenyl	1	20	19.4	97		60	140
		Tetrachloro-m-xylene	2	20	18.1	91		60	140
		Decachlorobiphenyl	2	20	23.4	117		60	140
I.BLK-PP071210.D	PIBLK-PP071210.D	Tetrachloro-m-xylene	1	20	20.3	101		60	140
		Decachlorobiphenyl	1	20	20.9	104		60	140
		Tetrachloro-m-xylene	2	20	19.6	98		60	140
		Decachlorobiphenyl	2	20	18.7	93		60	140
PB167553BL	PB167553BL	Tetrachloro-m-xylene	1	20	24.7	123		35	137
		Decachlorobiphenyl	1	20	24.3	121		40	135
		Tetrachloro-m-xylene	2	20	24.5	122		35	137
		Decachlorobiphenyl	2	20	21.3	107		40	135
Q1774-02	TT-073-IDWGW-20250409	Tetrachloro-m-xylene	1	20	21.8	109		35	137
		Decachlorobiphenyl	1	20	10.9	54		40	135
		Tetrachloro-m-xylene	2	20	21.3	106		35	137
		Decachlorobiphenyl	2	20	9.77	49		40	135
Q1774-03	TT-074-IDWGW-20250409	Tetrachloro-m-xylene	1	20	25.9	129		35	137
		Decachlorobiphenyl	1	20	7.90	40		40	135
		Tetrachloro-m-xylene	2	20	24.1	120		35	137
		Decachlorobiphenyl	2	20	7.29	36	*	40	135
Q1774-04	TT-075-IDWGW-20250409	Tetrachloro-m-xylene	1	20	25.6	128		35	137
		Decachlorobiphenyl	1	20	9.03	45		40	135
		Tetrachloro-m-xylene	2	20	24.1	121		35	137
		Decachlorobiphenyl	2	20	7.82	39	*	40	135
I.BLK-PP071221.D	PIBLK-PP071221.D	Tetrachloro-m-xylene	1	20	20.7	103		60	140
		Decachlorobiphenyl	1	20	21.5	107		60	140
		Tetrachloro-m-xylene	2	20	21.1	106		60	140
		Decachlorobiphenyl	2	20	18.7	93		60	140
I.BLK-PP071227.D	PIBLK-PP071227.D	Tetrachloro-m-xylene	1	20	20.9	104		60	140
		Decachlorobiphenyl	1	20	22.5	112		60	140
		Tetrachloro-m-xylene	2	20	21.5	108		60	140
		Decachlorobiphenyl	2	20	19.0	95		60	140
PB167553BS	PB167553BS	Tetrachloro-m-xylene	1	20	21.6	108		35	137
		Decachlorobiphenyl	1	20	22.0	110		40	135
		Tetrachloro-m-xylene	2	20	21.7	109		35	137
		Decachlorobiphenyl	2	20	19.3	97		40	135
PB167553BSD	PB167553BSD	Tetrachloro-m-xylene	1	20	22.1	110		35	137
		Decachlorobiphenyl	1	20	23.1	115		40	135
		Tetrachloro-m-xylene	2	20	22.5	112		35	137
		Decachlorobiphenyl	2	20	19.7	99		40	135
I.BLK-PP071241.D	PIBLK-PP071241.D	Tetrachloro-m-xylene	1	20	20.5	103		60	140

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Surrogate Summary

SDG No.: Q1774

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-PP071241.D	PIBLK-PP071241.D	Decachlorobiphenyl	1	20	22.3	111		60	140
		Tetrachloro-m-xylene	2	20	23.1	115		60	140
		Decachlorobiphenyl	2	20	19.6	98		60	140

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1774

Client: Tetra Tech NUS, Inc.

Analytical Method: 8082A **Datafile :** PP071228.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167553BS	AR1016	5	4.60	ug/L	92				46	129	
	AR1260	5	4.60	ug/L	92				45	134	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1774

Client: Tetra Tech NUS, Inc.

Analytical Method: 8082A **Datafile :** PP071229.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167553BSD	AR1016	5	4.70	ug/L	94	2			46	129	20
	AR1260	5	4.70	ug/L	94	2			45	134	20

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167553BL

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q1774 SAS No.: Q1774 SDG NO.: Q1774

Lab Sample ID: PB167553BL Lab File ID: PP071211.D

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

Sulfur Cleanup: (Y/N) N Date Extracted: 04/10/2025

Date Analyzed (1): 04/10/2025 Date Analyzed (2): 04/10/2025

Time Analyzed (1): 18:44 Time Analyzed (2): 18:44

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
TT-073-IDWGW-20250409	Q1774-02	PP071214.D	04/10/2025	04/10/2025
TT-074-IDWGW-20250409	Q1774-03	PP071215.D	04/10/2025	04/10/2025
TT-075-IDWGW-20250409	Q1774-04	PP071216.D	04/10/2025	04/10/2025
PB167553BS	PB167553BS	PP071228.D	04/11/2025	04/11/2025
PB167553BSD	PB167553BSD	PP071229.D	04/11/2025	04/11/2025

COMMENTS:

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	04/09/25
Project:	CTO WE13	Date Received:	04/10/25
Client Sample ID:	TT-073-IDWGW-20250409	SDG No.:	Q1774
Lab Sample ID:	Q1774-02	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	970 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
PP071214.D	1	04/10/25 13:05	04/10/25 19:33	PB167553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.26	U	0.10	0.26	0.52	ug/L
11104-28-2	Aroclor-1221	0.41	U	0.13	0.41	0.52	ug/L
11141-16-5	Aroclor-1232	0.26	U	0.099	0.26	0.52	ug/L
53469-21-9	Aroclor-1242	0.26	U	0.12	0.26	0.52	ug/L
12672-29-6	Aroclor-1248	0.26	U	0.073	0.26	0.52	ug/L
11097-69-1	Aroclor-1254	0.26	U	0.097	0.26	0.52	ug/L
37324-23-5	Aroclor-1262	0.41	U	0.14	0.41	0.52	ug/L
11100-14-4	Aroclor-1268	0.26	U	0.11	0.26	0.52	ug/L
11096-82-5	Aroclor-1260	0.26	U	0.084	0.26	0.52	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	21.8		35 - 137		109%	SPK: 20
2051-24-3	Decachlorobiphenyl	10.9		40 - 135		54%	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\PP041025\
Data File : PP071214.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 19:33
Operator : YP\AJ
Sample : Q1774-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TT-073-IDWGW-20250409

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 11 01:39:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.515	3.813	31875594	22068354	21.809	21.288
2)	SA Decachlor...	10.234	8.851	11440793	7700329	10.869	9.770
	Target Compounds						

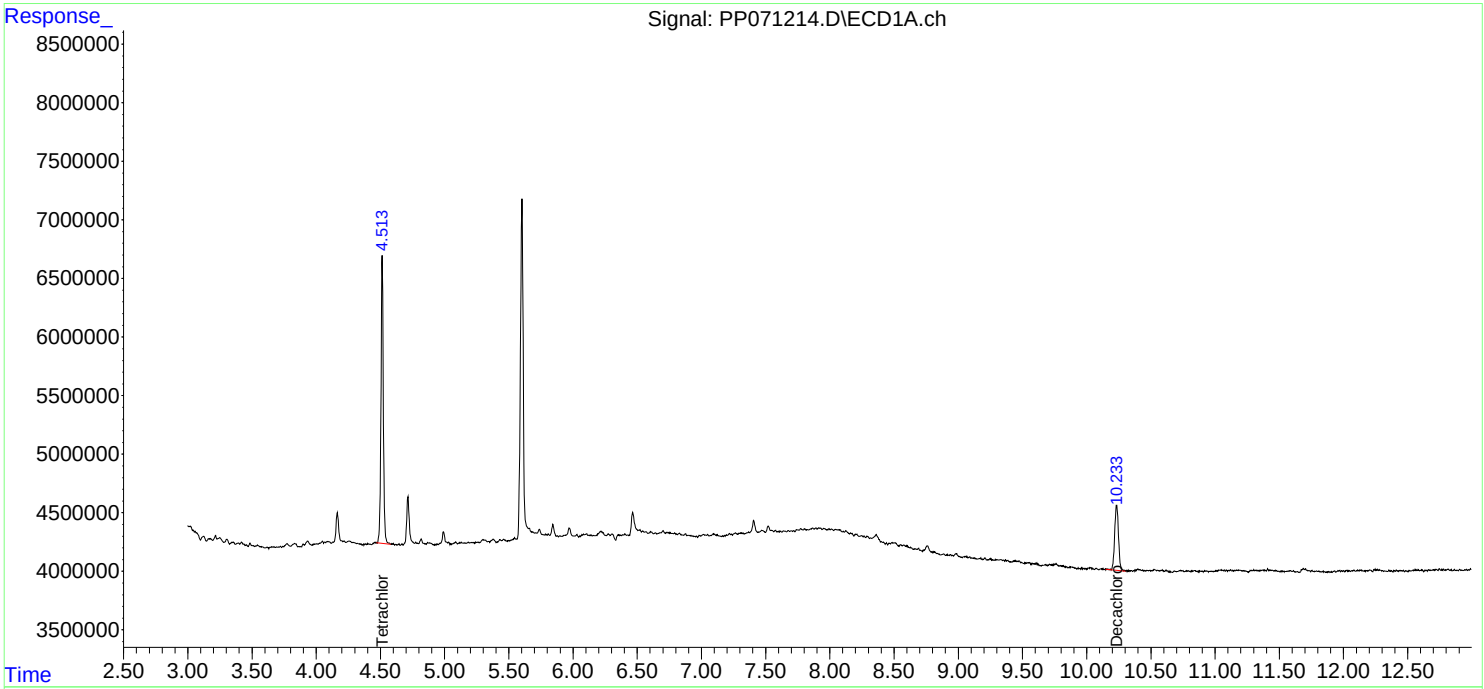
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

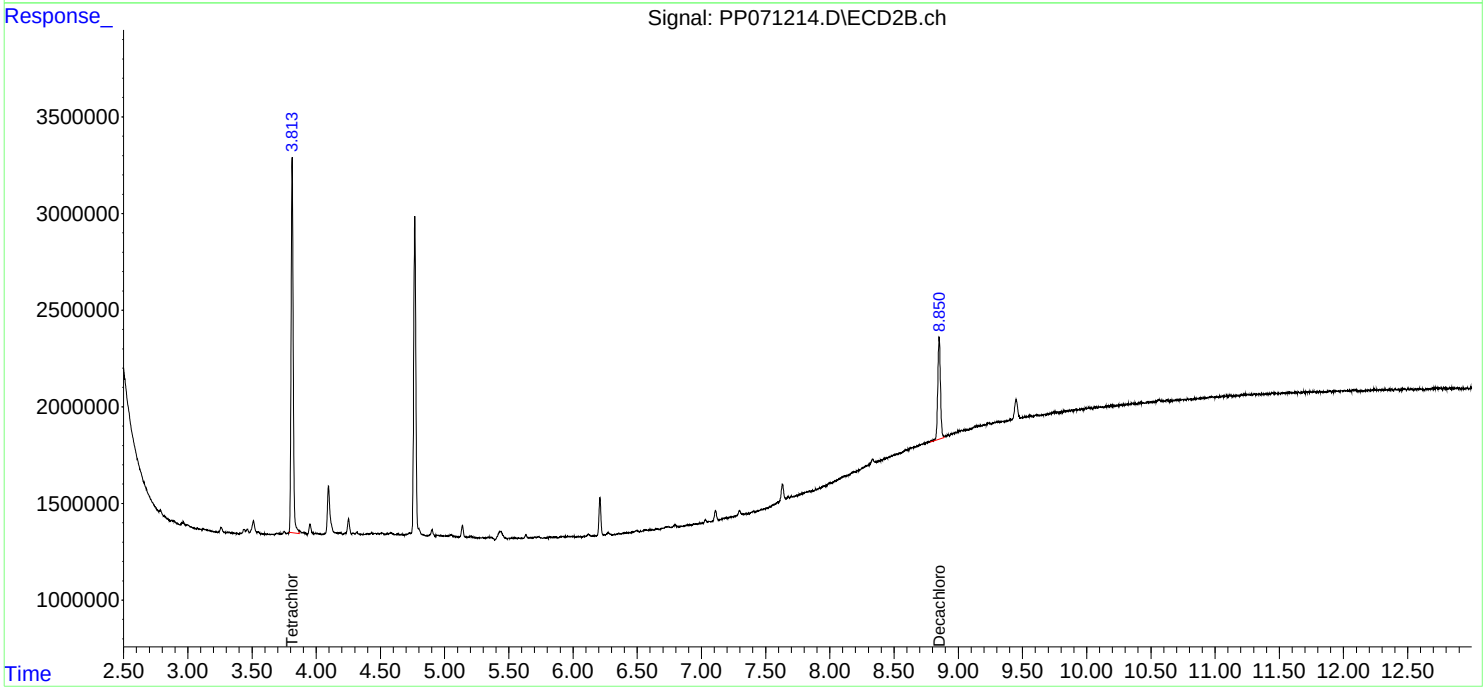
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041025\
Data File : PP071214.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 19:33
Operator : YP\AJ
Sample : Q1774-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

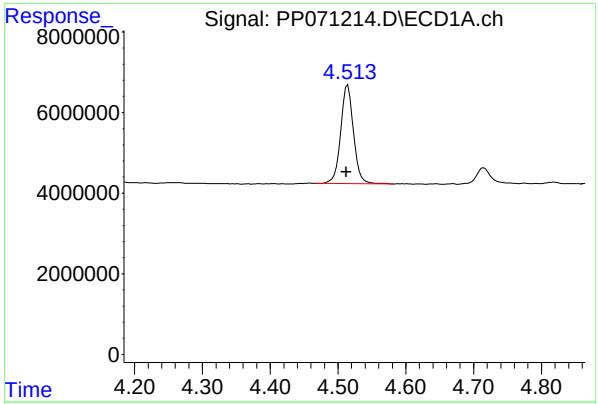
Instrument :
ECD_P
ClientSampleId :
TT-073-IDWGW-20250409

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 11 01:39:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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



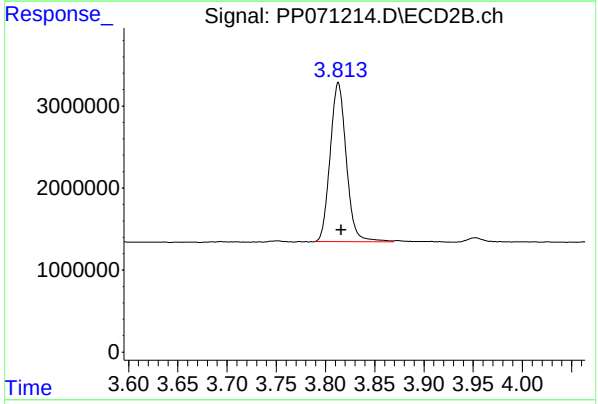




#1 Tetrachloro-m-xylene

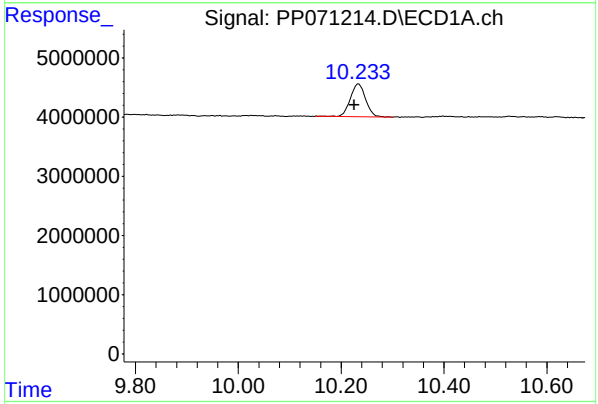
R.T.: 4.515 min
Delta R.T.: 0.003 min
Response: 31875594
Conc: 21.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-073-IDWGW-20250409



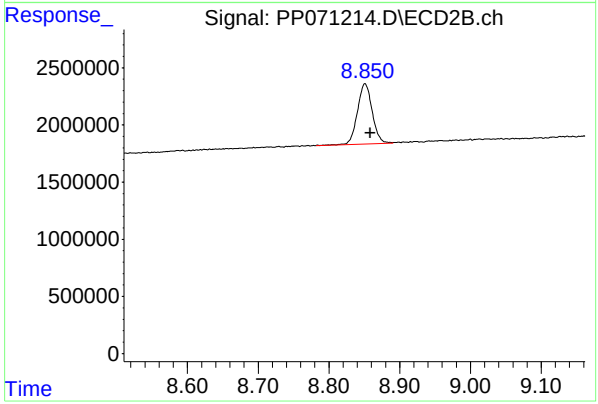
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: -0.003 min
Response: 22068354
Conc: 21.29 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.234 min
Delta R.T.: 0.009 min
Response: 11440793
Conc: 10.87 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.851 min
Delta R.T.: -0.008 min
Response: 7700329
Conc: 9.77 ng/ml

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:	04/09/25
Project:	CTO WE13	Date Received:	04/10/25
Client Sample ID:	TT-074-IDWGW-20250409	SDG No.:	Q1774
Lab Sample ID:	Q1774-03	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	970 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
PP071215.D	1	04/10/25 13:05	04/10/25 19:49	PB167553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.26	U	0.10	0.26	0.52	ug/L
11104-28-2	Aroclor-1221	0.41	U	0.13	0.41	0.52	ug/L
11141-16-5	Aroclor-1232	0.26	U	0.099	0.26	0.52	ug/L
53469-21-9	Aroclor-1242	0.26	U	0.12	0.26	0.52	ug/L
12672-29-6	Aroclor-1248	0.26	U	0.073	0.26	0.52	ug/L
11097-69-1	Aroclor-1254	0.26	U	0.097	0.26	0.52	ug/L
37324-23-5	Aroclor-1262	0.41	U	0.14	0.41	0.52	ug/L
11100-14-4	Aroclor-1268	0.26	U	0.11	0.26	0.52	ug/L
11096-82-5	Aroclor-1260	0.26	U	0.084	0.26	0.52	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	25.9		35 - 137		129%	SPK: 20
2051-24-3	Decachlorobiphenyl	7.90		40 - 135		40%	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\PP041025\
Data File : PP071215.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 19:49
Operator : YP\AJ
Sample : Q1774-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TT-074-IDWGW-20250409

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/11/2025
Supervised By :mohammad ahmed 04/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 11 01:39:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.515	3.814	37777800	24977202	25.847	24.094m
2)	SA Decachlor...	10.233	8.851	8319859	5746962	7.904	7.291
	Target Compounds						

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

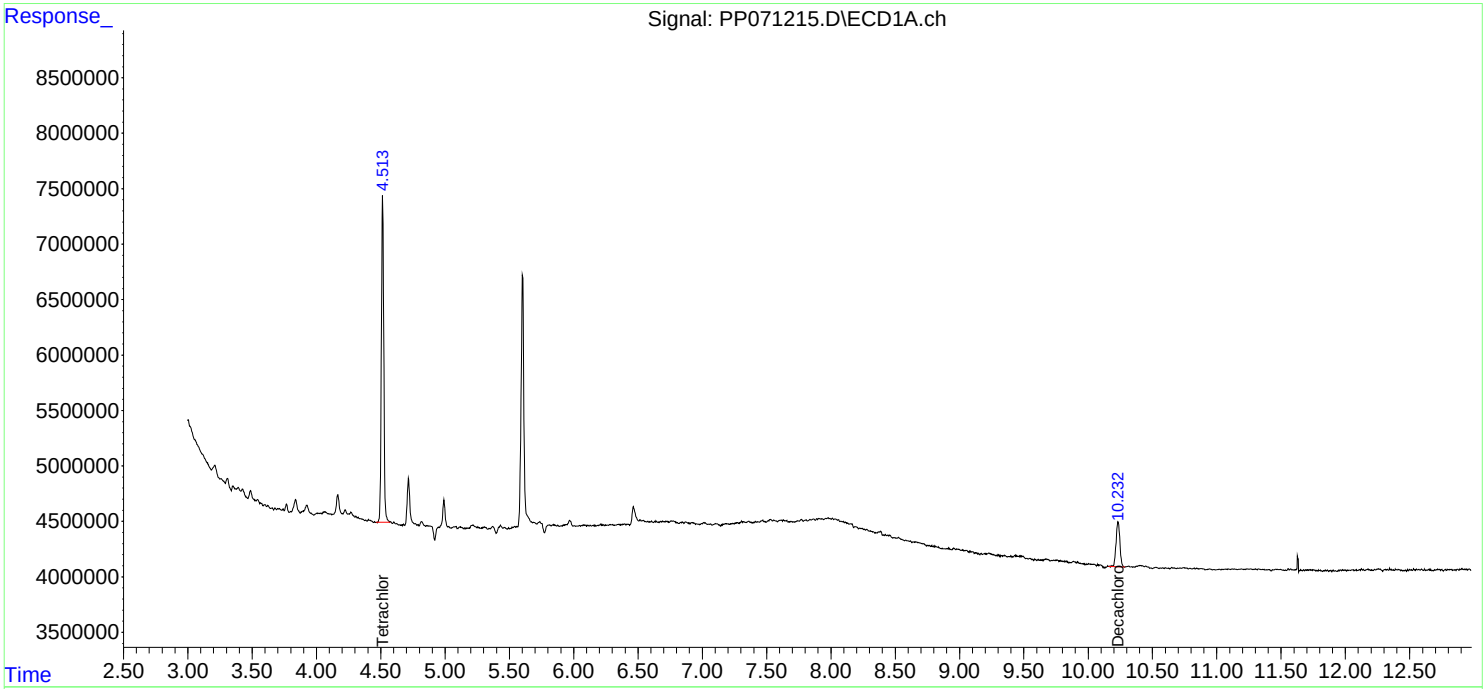
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041025\
Data File : PP071215.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 19:49
Operator : YP\AJ
Sample : Q1774-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

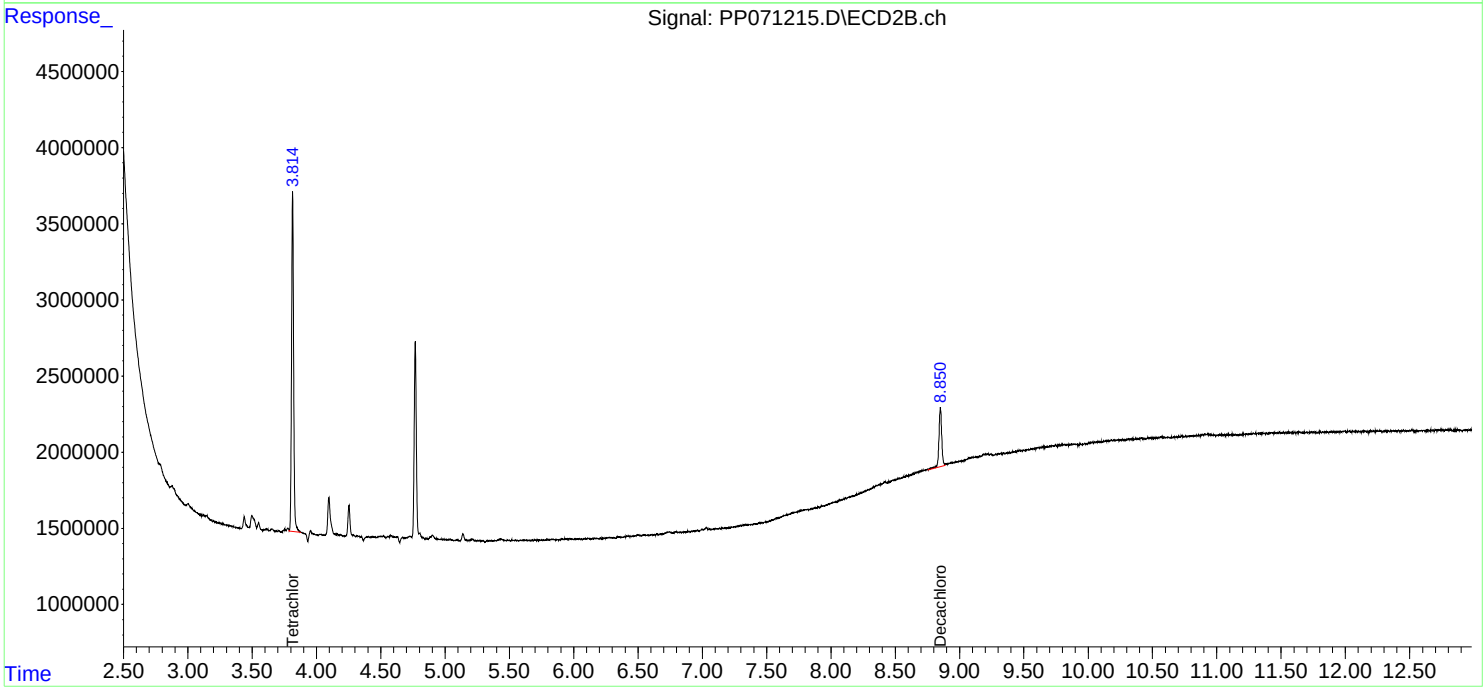
Instrument :
ECD_P
ClientSampleId :
TT-074-IDWGW-20250409

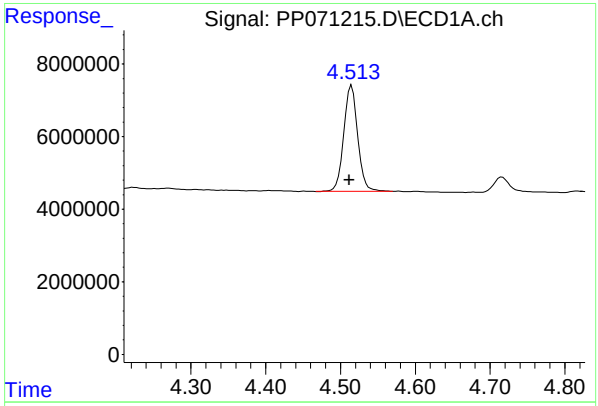
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/11/2025
Supervised By :mohammad ahmed 04/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 11 01:39:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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







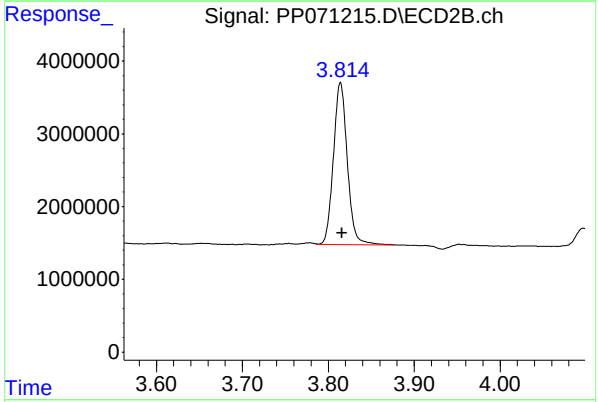
#1 Tetrachloro-m-xylene

R.T.: 4.515 min
Delta R.T.: 0.003 min
Response: 37777800
Conc: 25.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-074-IDWGW-20250409

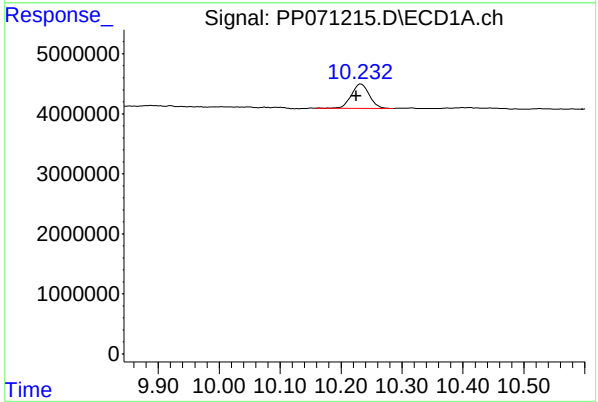
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/11/2025
Supervised By :mohammad ahmed 04/14/2025



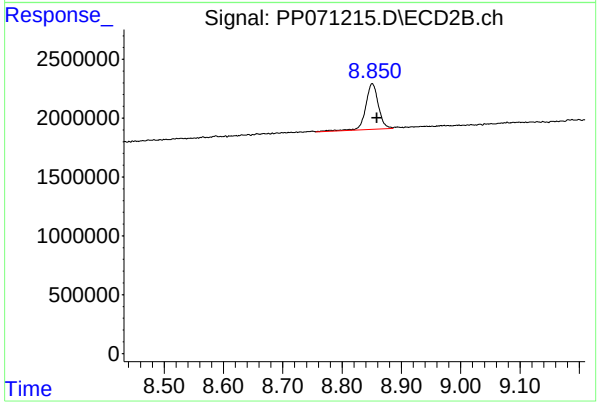
#1 Tetrachloro-m-xylene

R.T.: 3.814 min
Delta R.T.: -0.002 min
Response: 24977202
Conc: 24.09 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.233 min
Delta R.T.: 0.008 min
Response: 8319859
Conc: 7.90 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.851 min
Delta R.T.: -0.008 min
Response: 5746962
Conc: 7.29 ng/ml

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:	04/09/25
Project:	CTO WE13	Date Received:	04/10/25
Client Sample ID:	TT-075-IDWGW-20250409	SDG No.:	Q1774
Lab Sample ID:	Q1774-04	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	980 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
PP071216.D	1	04/10/25 13:05	04/10/25 20:05	PB167553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.26	U	0.099	0.26	0.51	ug/L
11104-28-2	Aroclor-1221	0.41	U	0.13	0.41	0.51	ug/L
11141-16-5	Aroclor-1232	0.26	U	0.098	0.26	0.51	ug/L
53469-21-9	Aroclor-1242	0.26	U	0.12	0.26	0.51	ug/L
12672-29-6	Aroclor-1248	0.26	U	0.072	0.26	0.51	ug/L
11097-69-1	Aroclor-1254	0.26	U	0.096	0.26	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	0.26	U	0.11	0.26	0.51	ug/L
11096-82-5	Aroclor-1260	0.26	U	0.083	0.26	0.51	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	25.6		35 - 137		128%	SPK: 20
2051-24-3	Decachlorobiphenyl	9.03		40 - 135		45%	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\PP041025\
Data File : PP071216.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 20:05
Operator : YP\AJ
Sample : Q1774-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TT-075-IDWGW-20250409

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/11/2025
Supervised By :mohammad ahmed 04/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 11 01:39:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.512	3.814	37444227	25005440	25.619	24.122m
2)	SA Decachlor...	10.231	8.851	9505881	6166112	9.031	7.823
	Target Compounds						

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

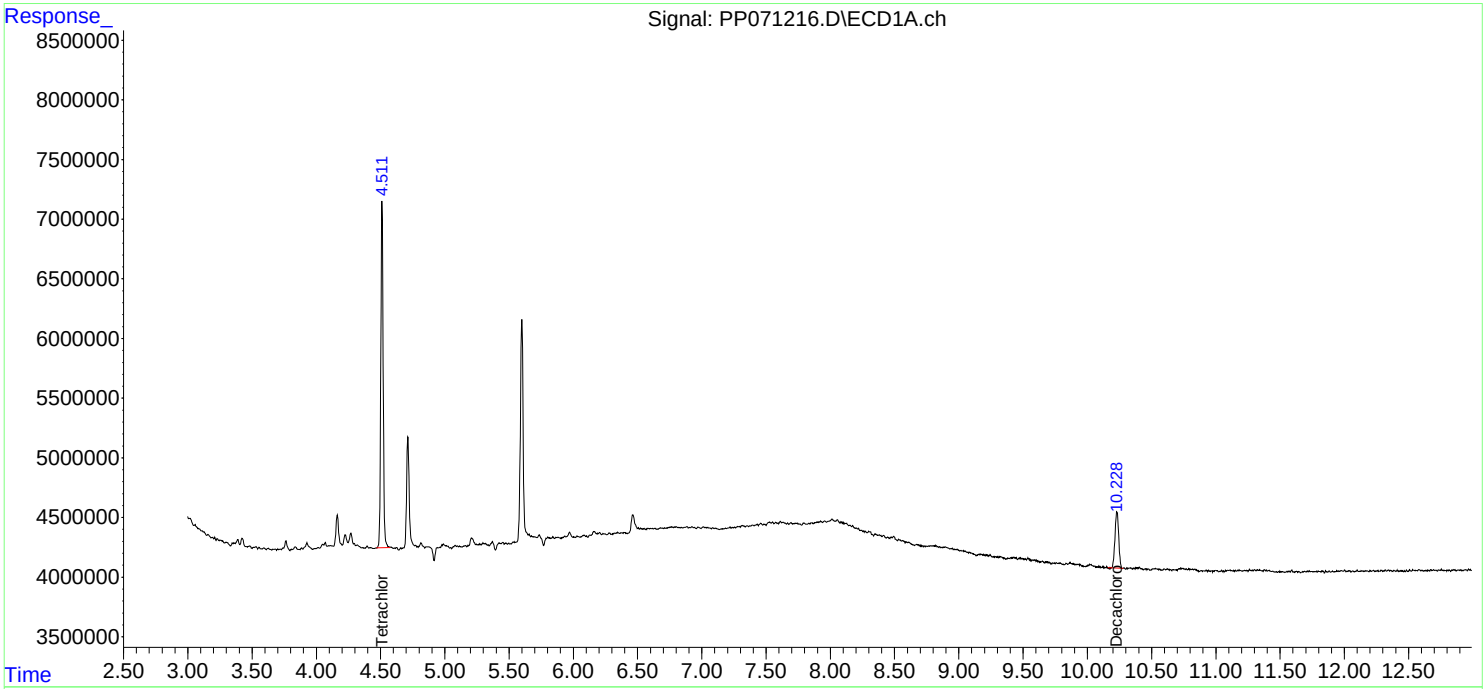
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Data File : PP071216.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 20:05
Operator : YP\AJ
Sample : Q1774-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

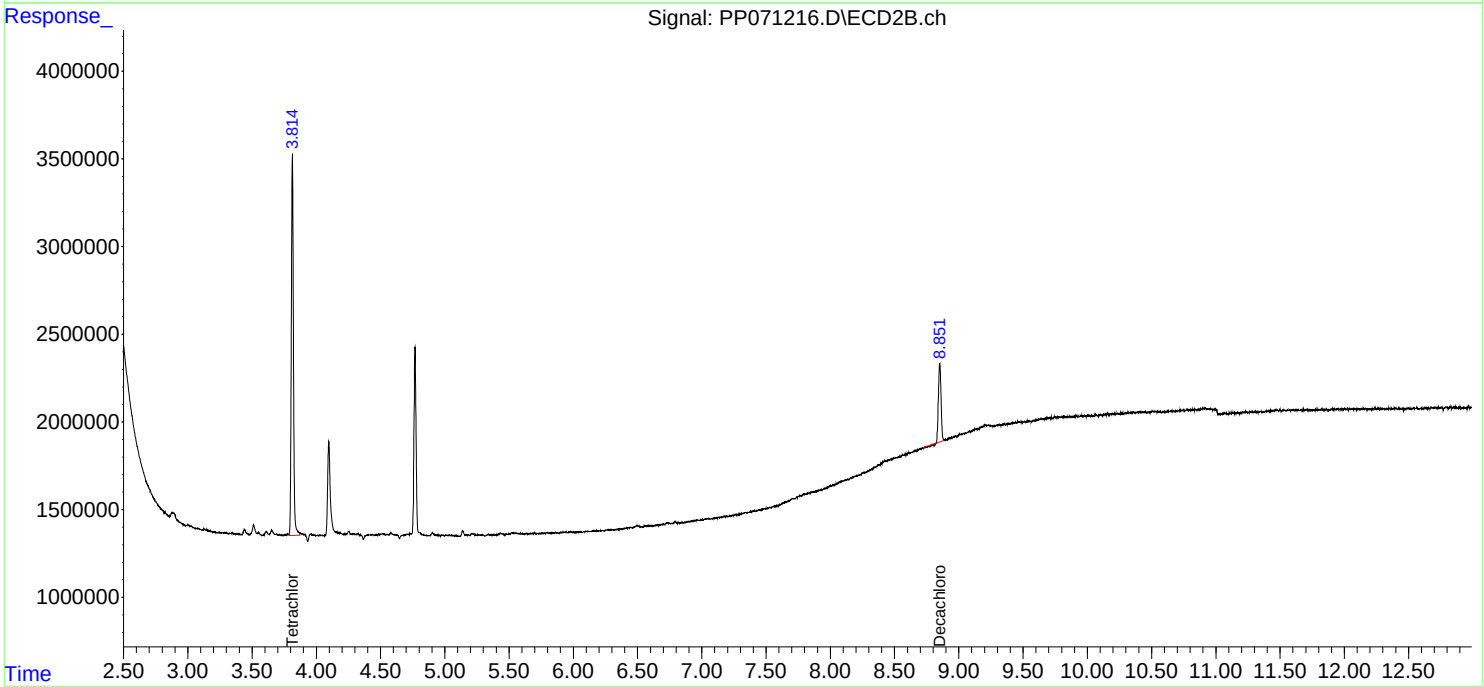
Instrument :
ECD_P
ClientSampleId :
TT-075-IDWGW-20250409

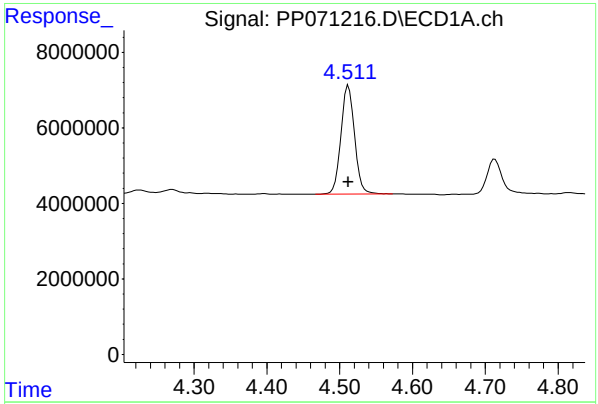
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/11/2025
Supervised By :mohammad ahmed 04/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 11 01:39:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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







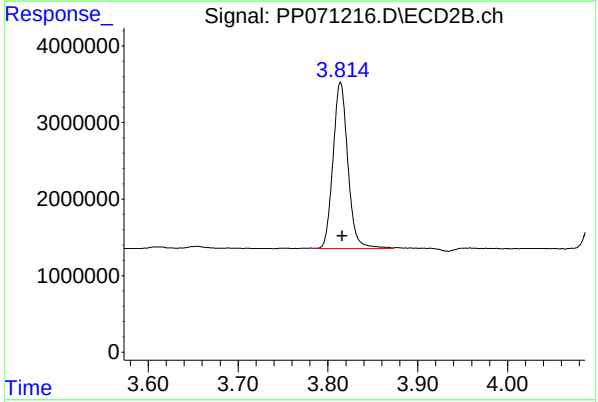
#1 Tetrachloro-m-xylene

R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 37444227
Conc: 25.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-075-IDWGW-20250409

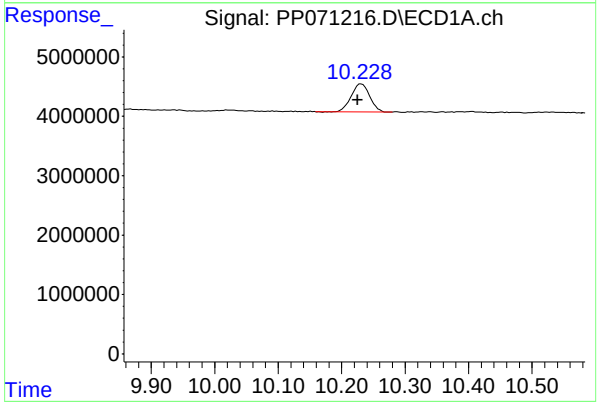
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/11/2025
Supervised By :mohammad ahmed 04/14/2025



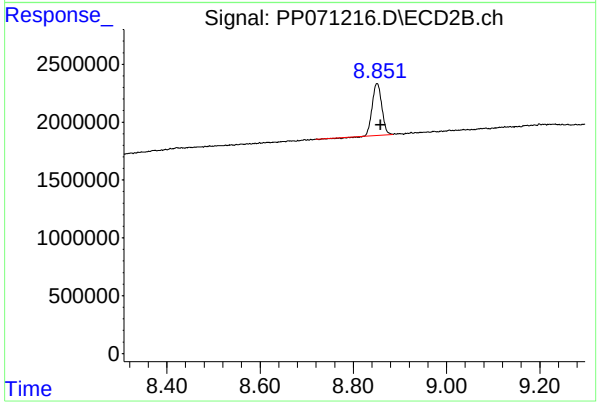
#1 Tetrachloro-m-xylene

R.T.: 3.814 min
Delta R.T.: -0.002 min
Response: 25005440
Conc: 24.12 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.231 min
Delta R.T.: 0.005 min
Response: 9505881
Conc: 9.03 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.851 min
Delta R.T.: -0.008 min
Response: 6166112
Conc: 7.82 ng/ml

CALIBRATION SUMMARY

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

RETENTION TIMES OF INITIAL CALIBRATION

Contract: TETR06

Lab Code: CHEM **Case No.:** Q1774 **SAS No.:** Q1774 **SDG NO.:** Q1774

Instrument ID: ECD_P **Calibration Date(s):** 03/27/2025 03/27/2025

Calibration Times: 10:30 17:53

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

LAB FILE ID: RT 1000 = PP070917.D RT 750 = PP070918.D

RT 500 = PP070919.D RT 250 = PP070920.D RT 050 = PP070921.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.67	5.67	5.66	5.67	5.67	5.67	5.57	5.77
Aroclor-1016-2	(2)	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Aroclor-1016-3	(3)	5.75	5.75	5.75	5.75	5.75	5.75	5.65	5.85
Aroclor-1016-4	(4)	5.85	5.85	5.85	5.85	5.85	5.85	5.75	5.95
Aroclor-1016-5	(5)	6.14	6.14	6.14	6.14	6.14	6.14	6.04	6.24
Aroclor-1260-1	(1)	7.26	7.26	7.26	7.26	7.26	7.26	7.16	7.36
Aroclor-1260-2	(2)	7.51	7.51	7.51	7.51	7.51	7.51	7.41	7.61
Aroclor-1260-3	(3)	7.87	7.87	7.87	7.87	7.87	7.87	7.77	7.97
Aroclor-1260-4	(4)	8.10	8.10	8.09	8.09	8.09	8.09	7.99	8.19
Aroclor-1260-5	(5)	8.41	8.42	8.41	8.41	8.41	8.41	8.31	8.51
Decachlorobiphenyl		10.23	10.23	10.23	10.23	10.23	10.23	10.13	10.33
Tetrachloro-m-xylene		4.51	4.52	4.51	4.52	4.51	4.51	4.41	4.61
Aroclor-1242-1	(1)	5.67	5.67	5.66	5.67	5.66	5.67	5.57	5.77
Aroclor-1242-2	(2)	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Aroclor-1242-3	(3)	5.75	5.75	5.75	5.75	5.75	5.75	5.65	5.85
Aroclor-1242-4	(4)	5.85	5.85	5.85	5.85	5.84	5.85	5.75	5.95
Aroclor-1242-5	(5)	6.58	6.58	6.58	6.58	6.57	6.58	6.48	6.68
Decachlorobiphenyl		10.23	10.23	10.23	10.23	10.23	10.23	10.13	10.33
Tetrachloro-m-xylene		4.51	4.51	4.51	4.51	4.51	4.51	4.41	4.61
Aroclor-1248-1	(1)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1248-2	(2)	5.94	5.94	5.94	5.94	5.94	5.94	5.84	6.04
Aroclor-1248-3	(3)	6.14	6.14	6.14	6.14	6.14	6.14	6.04	6.24
Aroclor-1248-4	(4)	6.54	6.54	6.54	6.54	6.54	6.54	6.44	6.64
Aroclor-1248-5	(5)	6.58	6.58	6.58	6.58	6.58	6.58	6.48	6.68
Decachlorobiphenyl		10.23	10.23	10.23	10.23	10.23	10.23	10.13	10.33
Tetrachloro-m-xylene		4.51	4.51	4.51	4.52	4.51	4.51	4.41	4.61
Aroclor-1254-1	(1)	6.52	6.52	6.52	6.52	6.52	6.52	6.42	6.62
Aroclor-1254-2	(2)	6.73	6.73	6.73	6.73	6.73	6.73	6.63	6.83
Aroclor-1254-3	(3)	7.10	7.09	7.10	7.10	7.10	7.10	7.00	7.20
Aroclor-1254-4	(4)	7.38	7.38	7.38	7.38	7.38	7.38	7.28	7.48
Aroclor-1254-5	(5)	7.79	7.79	7.79	7.79	7.79	7.79	7.69	7.89
Decachlorobiphenyl		10.23	10.23	10.23	10.23	10.23	10.23	10.13	10.33
Tetrachloro-m-xylene		4.51	4.51	4.51	4.51	4.52	4.51	4.41	4.61
Aroclor-1268-1	(1)	8.73	8.73	8.73	8.73	8.73	8.73	8.63	8.83
Aroclor-1268-2	(2)	8.82	8.82	8.82	8.82	8.82	8.82	8.72	8.92
Aroclor-1268-3	(3)	9.06	9.06	9.05	9.06	9.05	9.06	8.96	9.16
Aroclor-1268-4	(4)	9.47	9.47	9.47	9.47	9.47	9.47	9.37	9.57
Aroclor-1268-5	(5)	9.89	9.89	9.89	9.89	9.89	9.89	9.79	9.99

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.23	10.23	10.23	10.23	10.23	10.23	10.13	10.33
Tetrachloro-m-xylene	4.52	4.51	4.51	4.52	4.51	4.51	4.41	4.61

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: TETR06

Lab Code: CHEM **Case No.:** Q1774 **SAS No.:** Q1774 **SDG NO.:** Q1774

Instrument ID: ECD_P **Calibration Date(s):** 03/27/2025 03/27/2025

Calibration Times: 10:30 17:53

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

LAB FILE ID: RT 1000 = PP070917.D RT 750 = PP070918.D

RT 500 = PP070919.D RT 250 = PP070920.D RT 050 = PP070921.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.90	4.90	4.90	4.90	4.90	4.90	4.80	5.00
Aroclor-1016-2	(2)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1016-3	(3)	5.10	5.10	5.10	5.10	5.10	5.10	5.00	5.20
Aroclor-1016-4	(4)	5.14	5.14	5.14	5.14	5.14	5.14	5.04	5.24
Aroclor-1016-5	(5)	5.36	5.36	5.36	5.36	5.36	5.36	5.26	5.46
Aroclor-1260-1	(1)	6.39	6.39	6.39	6.39	6.39	6.39	6.29	6.49
Aroclor-1260-2	(2)	6.58	6.58	6.58	6.58	6.58	6.58	6.48	6.68
Aroclor-1260-3	(3)	6.73	6.73	6.73	6.73	6.73	6.73	6.63	6.83
Aroclor-1260-4	(4)	7.20	7.20	7.21	7.21	7.21	7.20	7.10	7.30
Aroclor-1260-5	(5)	7.45	7.44	7.45	7.45	7.45	7.45	7.35	7.55
Decachlorobiphenyl		8.86	8.86	8.86	8.86	8.86	8.86	8.76	8.96
Tetrachloro-m-xylene		3.82	3.82	3.82	3.82	3.82	3.82	3.72	3.92
Aroclor-1242-1	(1)	4.90	4.90	4.90	4.90	4.90	4.90	4.80	5.00
Aroclor-1242-2	(2)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1242-3	(3)	5.10	5.10	5.10	5.10	5.10	5.10	5.00	5.20
Aroclor-1242-4	(4)	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
Aroclor-1242-5	(5)	5.71	5.71	5.71	5.71	5.71	5.71	5.61	5.81
Decachlorobiphenyl		8.86	8.86	8.86	8.86	8.86	8.86	8.76	8.96
Tetrachloro-m-xylene		3.82	3.82	3.82	3.82	3.82	3.82	3.72	3.92
Aroclor-1248-1	(1)	4.90	4.90	4.90	4.90	4.90	4.90	4.80	5.00
Aroclor-1248-2	(2)	5.14	5.14	5.14	5.14	5.14	5.14	5.04	5.24
Aroclor-1248-3	(3)	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
Aroclor-1248-4	(4)	5.36	5.36	5.36	5.36	5.35	5.36	5.26	5.46
Aroclor-1248-5	(5)	5.75	5.75	5.75	5.75	5.75	5.75	5.65	5.85
Decachlorobiphenyl		8.86	8.86	8.86	8.86	8.86	8.86	8.76	8.96
Tetrachloro-m-xylene		3.82	3.82	3.82	3.82	3.82	3.82	3.72	3.92
Aroclor-1254-1	(1)	5.71	5.71	5.71	5.71	5.71	5.71	5.61	5.81
Aroclor-1254-2	(2)	5.86	5.86	5.86	5.86	5.86	5.86	5.76	5.96
Aroclor-1254-3	(3)	6.26	6.26	6.26	6.26	6.26	6.26	6.16	6.36
Aroclor-1254-4	(4)	6.49	6.49	6.49	6.49	6.49	6.49	6.39	6.59
Aroclor-1254-5	(5)	6.91	6.91	6.91	6.91	6.91	6.91	6.81	7.01
Decachlorobiphenyl		8.86	8.86	8.86	8.86	8.86	8.86	8.76	8.96
Tetrachloro-m-xylene		3.82	3.82	3.82	3.82	3.82	3.82	3.72	3.92
Aroclor-1268-1	(1)	7.73	7.73	7.73	7.73	7.73	7.73	7.63	7.83
Aroclor-1268-2	(2)	7.80	7.80	7.79	7.79	7.79	7.79	7.69	7.89
Aroclor-1268-3	(3)	8.00	8.00	8.00	8.00	8.00	8.00	7.90	8.10
Aroclor-1268-4	(4)	8.30	8.29	8.29	8.30	8.29	8.29	8.19	8.39
Aroclor-1268-5	(5)	8.60	8.60	8.60	8.60	8.60	8.60	8.50	8.70

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.86	8.86	8.86	8.86	8.86	8.86	8.76	8.96
Tetrachloro-m-xylene	3.82	3.82	3.82	3.82	3.82	3.82	3.72	3.92

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: TETR06

Lab Code: CHEM **Case No.:** Q1774 **SAS No.:** Q1774 **SDG NO.:** Q1774

Instrument ID: ECD_P **Calibration Date(s):** 03/27/2025 03/27/2025

Calibration Times: 10:30 17:53

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

LAB FILE ID: **CF 1000 =** PP070917.D **CF 750 =** PP070918.D

CF 500 = PP070919.D **CF 250 =** PP070920.D **CF 050 =** PP070921.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	47478014	49171687	50934060	54324668	52347880	50851262	5
Aroclor-1016-2	(2)	72483549	74568483	78811172	80433884	83971080	78053634	6
Aroclor-1016-3	(3)	43541298	44043953	46815864	48849960	52621940	47174603	7
Aroclor-1016-4	(4)	36661280	36602855	39014928	39212148	32287440	36755730	7
Aroclor-1016-5	(5)	32204227	33487635	35040682	36610940	32217200	33912137	5
Aroclor-1260-1	(1)	60625379	62238407	66823960	72729028	73347280	67152811	8
Aroclor-1260-2	(2)	90805769	95497569	97808710	102858984	93710780	96136362	4
Aroclor-1260-3	(3)	75946924	78957439	82970652	86114216	75601760	79918198	5
Aroclor-1260-4	(4)	67190656	75020355	81451428	78145636	91876440	78736903	11
Aroclor-1260-5	(5)	154592706	156108101	159960800	166857288	156911780	158886135	3
Decachlorobiphenyl		1019047430	1065730867	1116449000	1115108760	946747800	1052616771	7
Tetrachloro-m-xylene		1424837400	1461405720	1519248320	1595716440	1306667000	1461574976	7
Aroclor-1242-1	(1)	40990074	42746281	43432670	43984636	48732080	43977148	6
Aroclor-1242-2	(2)	64704598	63862937	67024876	68850388	57138840	64316328	7
Aroclor-1242-3	(3)	39349869	38048504	39702972	40627540	47468380	41039453	9
Aroclor-1242-4	(4)	30814559	31466187	32277086	32194644	25864220	30523339	8
Aroclor-1242-5	(5)	36006298	34981232	37334376	38560396	35669740	36510408	4
Decachlorobiphenyl		1036298130	1063489027	1106293120	1153452680	1056566000	1083219791	4
Tetrachloro-m-xylene		1443947330	1507747640	1537397120	1567165920	1326698400	1476591282	6
Aroclor-1248-1	(1)	31141042	33379292	33781538	45988760	37146900	36287506	15
Aroclor-1248-2	(2)	42399779	44979081	46192256	47122176	43999640	44938586	4
Aroclor-1248-3	(3)	48055172	50777464	51825052	50697180	51832600	50637494	3
Aroclor-1248-4	(4)	59878410	63471275	67039892	73429036	56919340	64147591	9
Aroclor-1248-5	(5)	56652876	60504408	64286140	68519384	54268440	60846250	9
Decachlorobiphenyl		1072017300	1124462173	1205136680	1167091680	1109917800	1135725127	5
Tetrachloro-m-xylene		1462181050	1544091280	1549039360	1559485200	1464932600	1515945898	3
Aroclor-1254-1	(1)	60157506	63067431	65471886	66806416	66447920	64390232	4
Aroclor-1254-2	(2)	92838442	97047215	101802392	105556104	108208740	101090579	6
Aroclor-1254-3	(3)	92334650	98055471	99416554	103841140	104991280	99727819	5
Aroclor-1254-4	(4)	84238161	87780547	86802510	88788836	85373700	86596751	2
Aroclor-1254-5	(5)	74433164	79038301	80854650	83958584	83470140	80350968	5
Decachlorobiphenyl		1095432410	1144692320	1168417220	1194330360	1035516600	1127677782	6
Tetrachloro-m-xylene		1501288360	1551275560	1575746420	1626904120	1301718600	1511386612	8
Aroclor-1268-1	(1)	226575551	237927453	239660032	247892192	225482800	235507606	4

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	190380276	198934901	200232346	204948924	182079900	195315269	4
Aroclor-1268-3	(3)	163648333	171737784	173955356	177246576	167979860	170913582	3
Aroclor-1268-4	(4)	70377008	73665913	73237284	74802952	61652780	70747187	7
Aroclor-1268-5	(5)	459553484	481598519	482514296	498456744	458756600	476175929	3
Decachlorobiphenyl		1956984350	2055290840	2095781900	2171413960	2007035400	2057301290	4
Tetrachloro-m-xylene		1523485290	1594639080	1607574540	1645012520	1440121400	1562166566	5

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: TETR06

Lab Code: CHEM **Case No.:** Q1774 **SAS No.:** Q1774 **SDG NO.:** Q1774

Instrument ID: ECD_P **Calibration Date(s):** 03/27/2025 03/27/2025

Calibration Times: 10:30 17:53

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

LAB FILE ID: **CF 1000 =** PP070917.D **CF 750 =** PP070918.D

CF 500 = PP070919.D **CF 250 =** PP070920.D **CF 050 =** PP070921.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	34208953	37661787	37955886	45294856	45319420	40088180	12
Aroclor-1016-2	(2)	49610574	53393839	54380778	65503040	66437080	57865062	12
Aroclor-1016-3	(3)	27000462	29732755	29849058	35508136	32526120	30923306	10
Aroclor-1016-4	(4)	21229955	23465415	23793788	28635320	24655080	24355912	10
Aroclor-1016-5	(5)	26939544	29893109	30154374	37292184	37326660	32321174	14
Aroclor-1260-1	(1)	45249076	46519276	48240522	56226688	59796020	51206316	12
Aroclor-1260-2	(2)	58475471	61260192	62904038	69183788	67145740	63793846	6
Aroclor-1260-3	(3)	50913622	52312629	53920638	58739540	56547700	54486826	5
Aroclor-1260-4	(4)	42366044	44395528	47488628	49955128	54926140	47826294	10
Aroclor-1260-5	(5)	113066934	116639771	125312810	127263128	140268800	124510289	8
Decachlorobiphenyl		793547960	846236520	865016160	753569280	682611000	788196184	9
Tetrachloro-m-xylene		926488500	1023245573	1036748080	1124812280	1071924800	1036643847	7
Aroclor-1242-1	(1)	30391529	31772724	34649408	38698720	35466820	34195840	9
Aroclor-1242-2	(2)	43879042	45075739	49434800	55503780	52395240	49257720	9
Aroclor-1242-3	(3)	24103124	24630729	26618958	29833472	28035100	26644277	8
Aroclor-1242-4	(4)	23086538	23159225	25581538	28618736	31445140	26378235	13
Aroclor-1242-5	(5)	28647762	29235153	31558738	32962404	32387440	30958299	6
Decachlorobiphenyl		794686010	779465320	775544600	851493360	677466800	775731218	8
Tetrachloro-m-xylene		994474400	1020857307	1119824860	1120535680	1106593200	1072457089	6
Aroclor-1248-1	(1)	23297586	26737011	28501250	29207540	27656520	27079981	8
Aroclor-1248-2	(2)	31071420	35918237	38274460	38702620	39645560	36722459	9
Aroclor-1248-3	(3)	32592570	37701093	39964120	40477712	42561380	38659375	9
Aroclor-1248-4	(4)	38114246	43411732	47181776	48244244	48753000	45141000	9
Aroclor-1248-5	(5)	37031094	41115012	43925318	46634268	44688040	42678746	8
Decachlorobiphenyl		763432400	822192813	827097300	806313080	732328400	790272799	5
Tetrachloro-m-xylene		969522160	1045815880	1138159760	1084071480	1169729800	1081459816	7
Aroclor-1254-1	(1)	58928147	61799583	66082486	73787844	69490960	66017804	8
Aroclor-1254-2	(2)	50145967	53786207	56793554	64034708	60730300	57098147	9
Aroclor-1254-3	(3)	77448562	83642240	87764778	99090376	86260880	86841367	9
Aroclor-1254-4	(4)	49998215	54614948	55966900	64174348	55747980	56100478	9
Aroclor-1254-5	(5)	65979008	71358709	71825896	82425644	69163880	72150627	8
Decachlorobiphenyl		783483810	796181933	910832540	850283840	759277600	820011945	7
Tetrachloro-m-xylene		1042595600	1091536387	1108578240	1195164040	1067355200	1101045893	5
Aroclor-1268-1	(1)	165356134	175541800	174753666	176934688	164423820	171402022	3

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	137801505	147739099	145758868	146778256	138336660	143282878	3
Aroclor-1268-3	(3)	120132746	127507232	124391202	127247744	116467620	123149309	4
Aroclor-1268-4	(4)	51096977	54505272	53344994	55689972	49428660	52813175	5
Aroclor-1268-5	(5)	357060145	376226307	370949858	366544744	338563340	361868879	4
Decachlorobiphenyl		1484820890	1579158933	1563503220	1620729960	1432317200	1536106041	5
Tetrachloro-m-xylene		1051289840	1118865693	1118283520	1183542080	1260888000	1146573827	7

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: TETR06

Lab Code: CHEM **Case No.:** Q1774 **SAS No.:** Q1774 **SDG NO.:** Q1774

Instrument ID: ECD_P **Date(s) Analyzed:** 03/27/2025 03/27/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.72	4.62	4.82	17353700
		2	4.80	4.70	4.90	12952900
		3	4.88	4.78	4.98	41717200
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.88	4.78	4.98	33288800
		2	5.41	5.31	5.51	15910300
		3	5.69	5.59	5.79	34270400
		4	5.85	5.75	5.95	15707600
		5	5.94	5.84	6.04	10640400
Aroclor-1262	500	1	8.09	7.99	8.19	106300000
		2	8.41	8.31	8.51	198383000
		3	8.73	8.63	8.83	131742000
		4	8.82	8.72	8.92	95614800
		5	9.47	9.37	9.57	65066400

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: TETR06

Lab Code: CHEM **Case No.:** Q1774 **SAS No.:** Q1774 **SDG NO.:** Q1774

Instrument ID: ECD_P **Date(s) Analyzed:** 03/27/2025 03/27/2025

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	4.03	3.93	4.13	15243600
		2	4.11	4.01	4.21	11436300
		3	4.19	4.09	4.29	34089000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.19	4.09	4.29	27986800
		2	4.92	4.82	5.02	28061200
		3	5.10	5.00	5.20	14889600
		4	5.19	5.09	5.29	12804400
		5	5.36	5.26	5.46	14174800
Aroclor-1262	500	1	6.95	6.85	7.05	85563600
		2	7.21	7.11	7.31	68464400
		3	7.73	7.63	7.83	60723600
		4	7.79	7.69	7.89	99406800
		5	8.29	8.19	8.39	46871600

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070917.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 10:30
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 11:43:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 11:40:16 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.513	3.815	142.5E6	92648850	93.786	89.365
2)	SA Decachlor...	10.227	8.858	101.9E6	79354796	91.276	91.738
	Target Compounds						
3)	L1 AR-1016-1	5.665	4.903	47478014	34208953	932.147	901.282
4)	L1 AR-1016-2	5.687	4.921	72483549	49610574	919.712	912.281
5)	L1 AR-1016-3	5.749	5.098	43541298	27000462	930.054	904.567
6)	L1 AR-1016-4	5.846	5.140	36661280	21229955	939.673	892.248
7)	L1 AR-1016-5	6.140	5.355	32204227	26939544	919.053	893.388
31)	L7 AR-1260-1	7.258	6.391	60625379	45249076	907.240	937.989
32)	L7 AR-1260-2	7.512	6.579	90805769	58475471	928.402	929.598
33)	L7 AR-1260-3	7.870	6.732	75946924	50913622	915.347	944.233
34)	L7 AR-1260-4	8.095	7.204	67190656	42366044	824.917	892.130
35)	L7 AR-1260-5	8.413	7.445	154.6E6	113.1E6	966.441	902.278

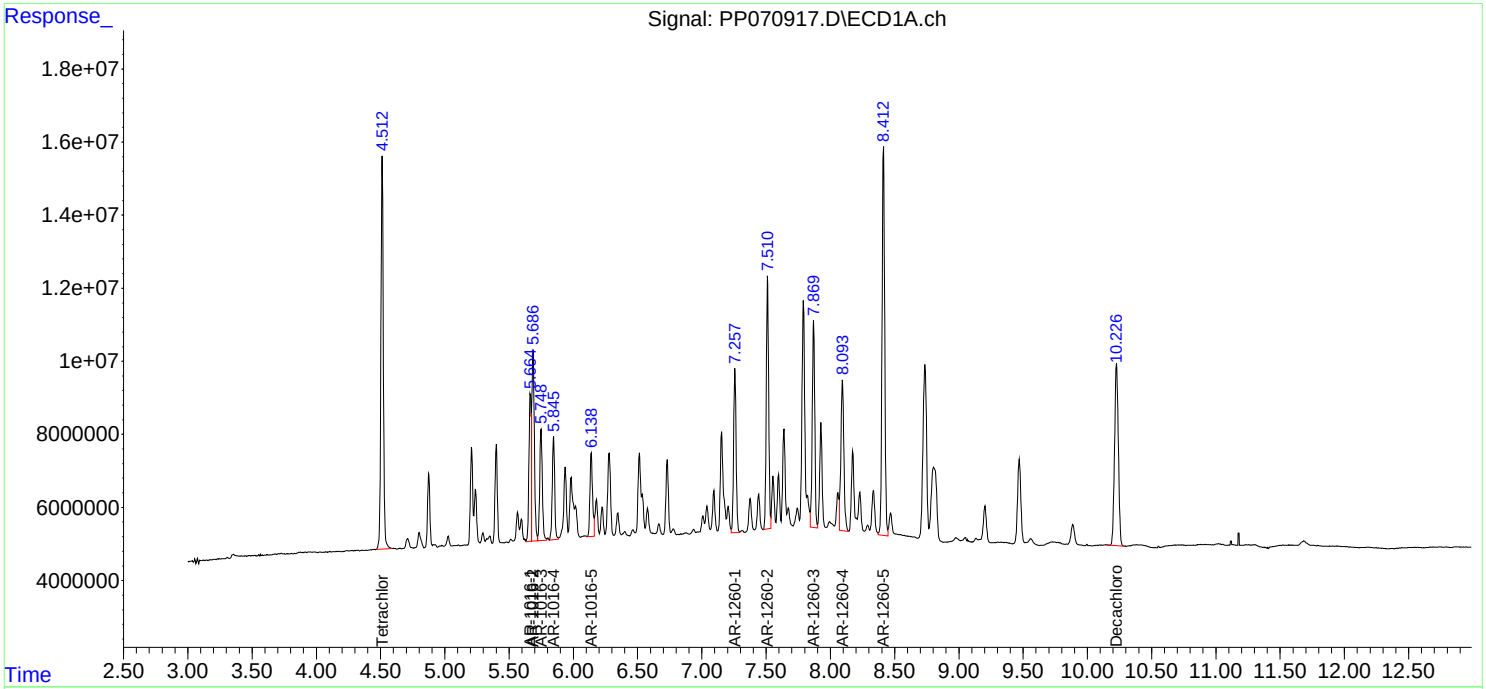
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

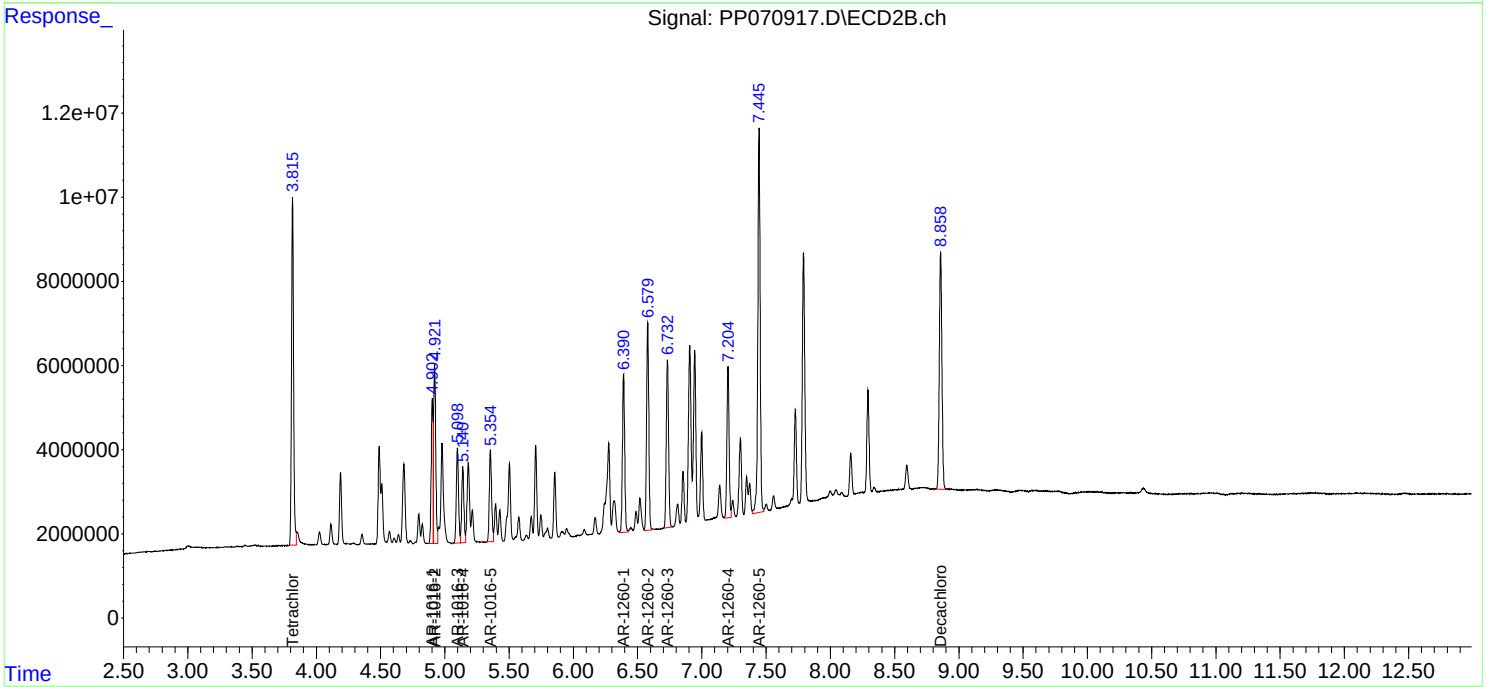
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070917.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 10:30
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

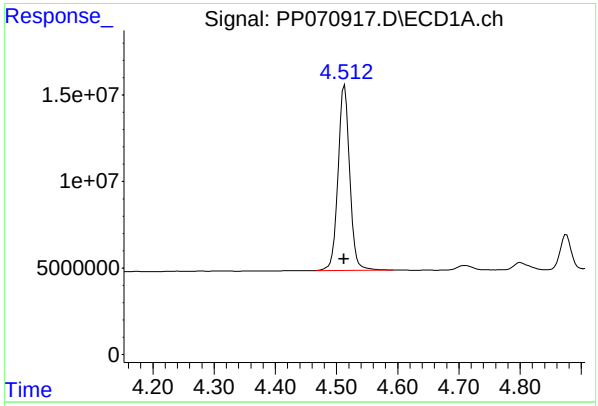
Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 11:43:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 11:40:16 2025
Response via : Initial Calibration
Integrator: ChemStation

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



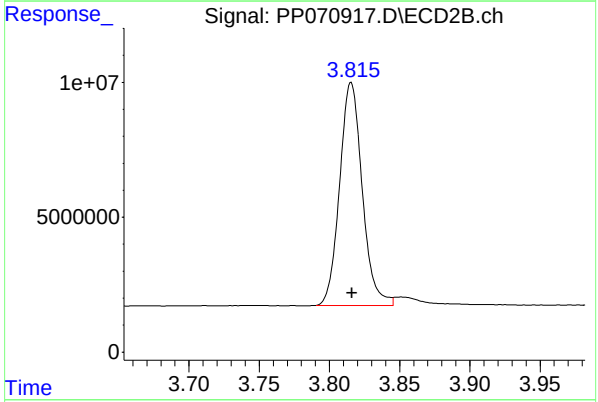




#1 Tetrachloro-m-xylene

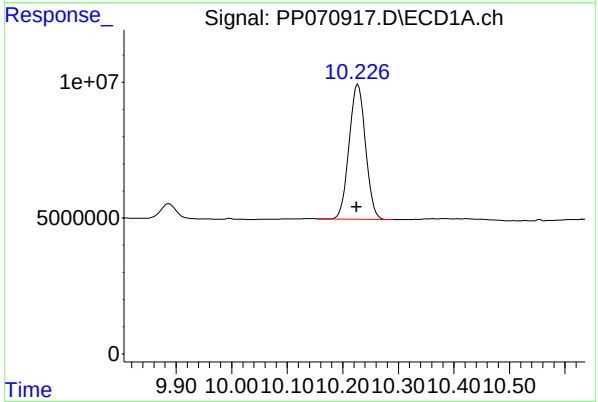
R.T.: 4.513 min
Delta R.T.: 0.001 min
Response: 142483740
Conc: 93.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



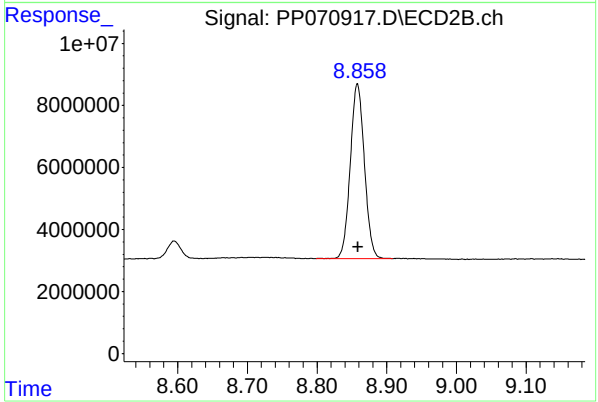
#1 Tetrachloro-m-xylene

R.T.: 3.815 min
Delta R.T.: 0.000 min
Response: 92648850
Conc: 89.36 ng/ml



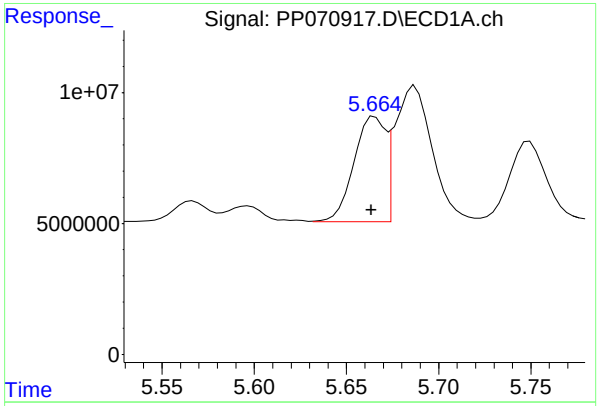
#2 Decachlorobiphenyl

R.T.: 10.227 min
Delta R.T.: 0.002 min
Response: 101904743
Conc: 91.28 ng/ml



#2 Decachlorobiphenyl

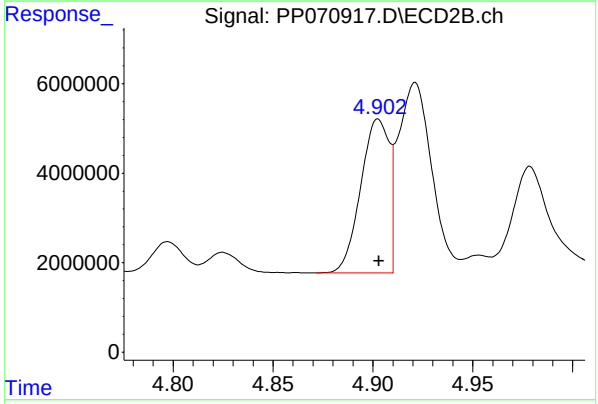
R.T.: 8.858 min
Delta R.T.: 0.000 min
Response: 79354796
Conc: 91.74 ng/ml



#3 AR-1016-1

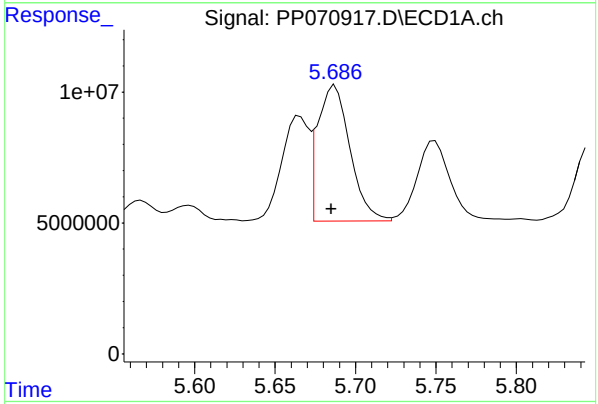
R.T.: 5.665 min
Delta R.T.: 0.002 min
Response: 47478014
Conc: 932.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



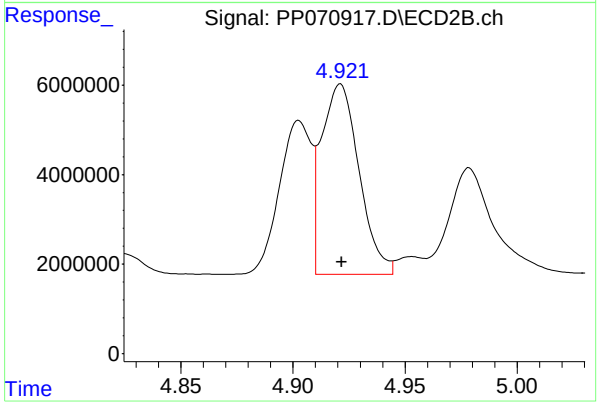
#3 AR-1016-1

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 34208953
Conc: 901.28 ng/ml



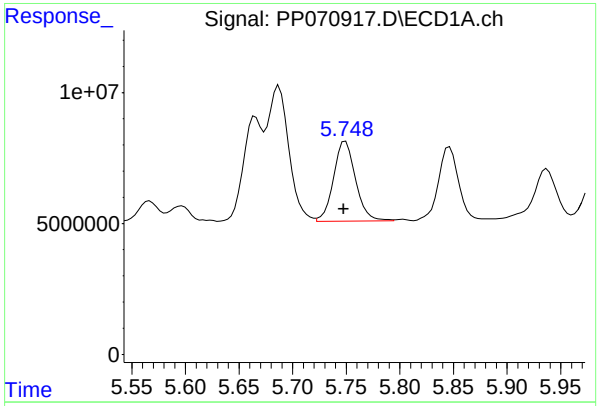
#4 AR-1016-2

R.T.: 5.687 min
Delta R.T.: 0.002 min
Response: 72483549
Conc: 919.71 ng/ml



#4 AR-1016-2

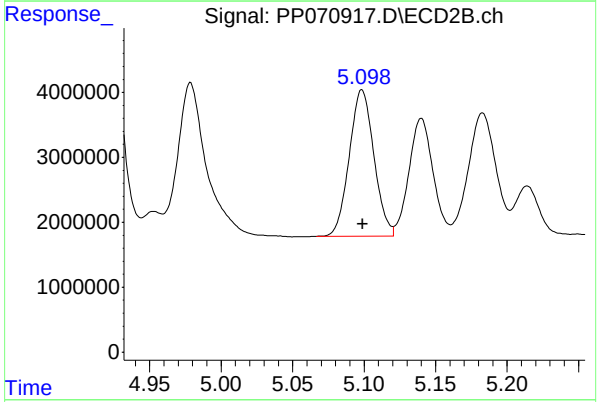
R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 49610574
Conc: 912.28 ng/ml



#5 AR-1016-3

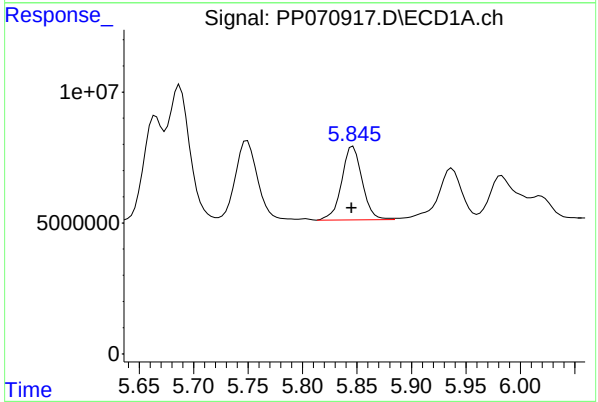
R.T.: 5.749 min
Delta R.T.: 0.002 min
Response: 43541298
Conc: 930.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



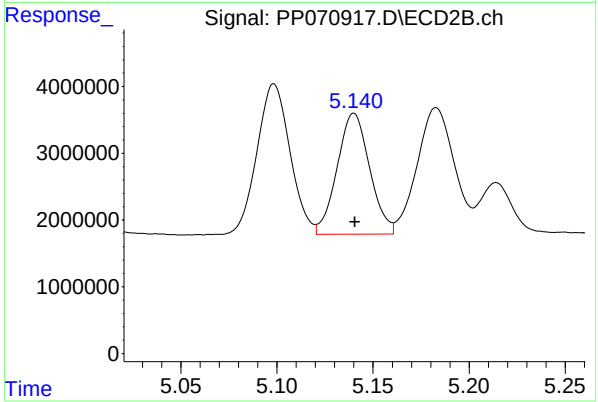
#5 AR-1016-3

R.T.: 5.098 min
Delta R.T.: 0.000 min
Response: 27000462
Conc: 904.57 ng/ml



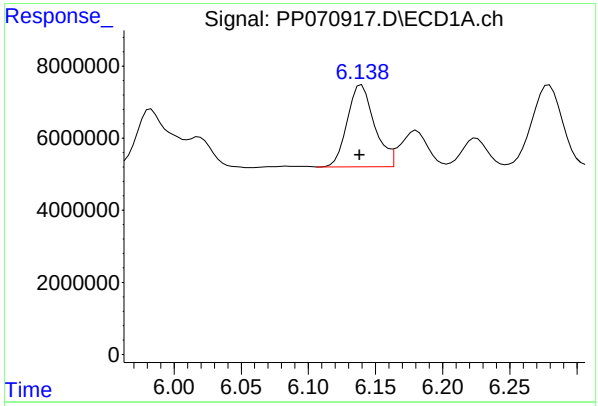
#6 AR-1016-4

R.T.: 5.846 min
Delta R.T.: 0.001 min
Response: 36661280
Conc: 939.67 ng/ml



#6 AR-1016-4

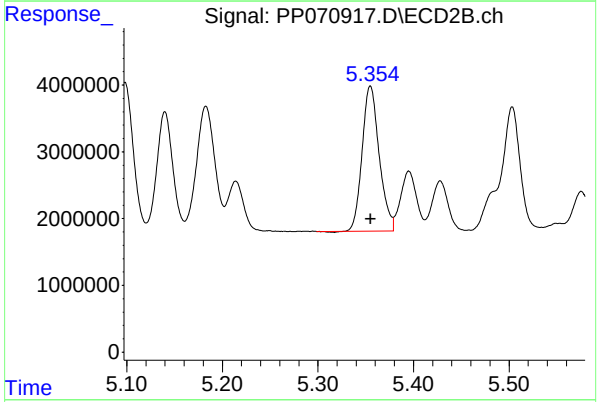
R.T.: 5.140 min
Delta R.T.: 0.000 min
Response: 21229955
Conc: 892.25 ng/ml



#7 AR-1016-5

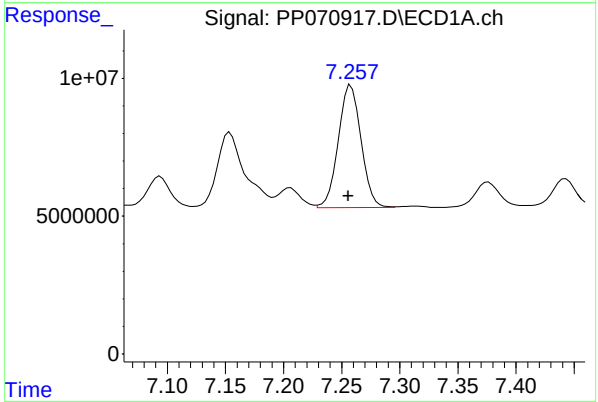
R.T.: 6.140 min
Delta R.T.: 0.002 min
Response: 32204227
Conc: 919.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



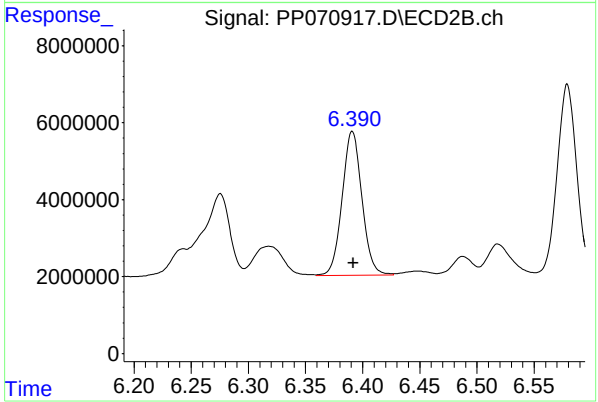
#7 AR-1016-5

R.T.: 5.355 min
Delta R.T.: 0.000 min
Response: 26939544
Conc: 893.39 ng/ml



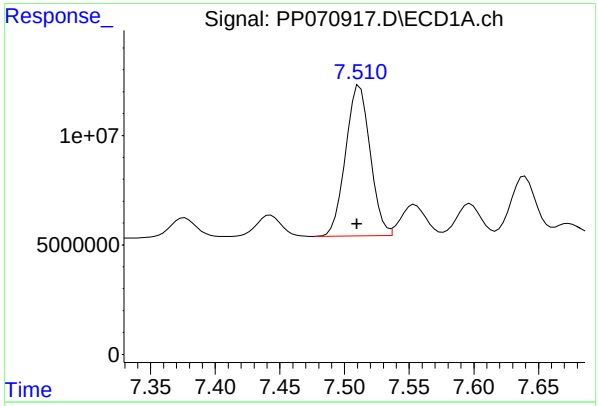
#31 AR-1260-1

R.T.: 7.258 min
Delta R.T.: 0.002 min
Response: 60625379
Conc: 907.24 ng/ml



#31 AR-1260-1

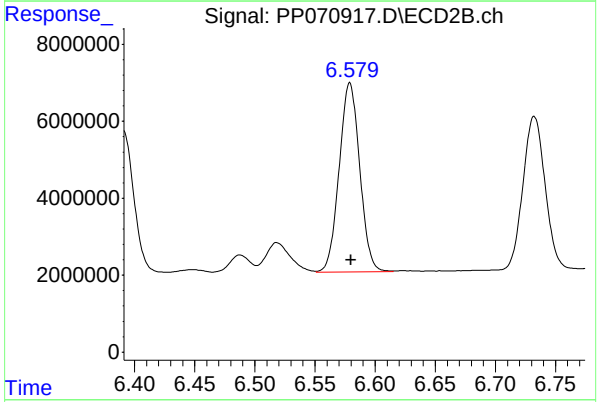
R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 45249076
Conc: 937.99 ng/ml



#32 AR-1260-2

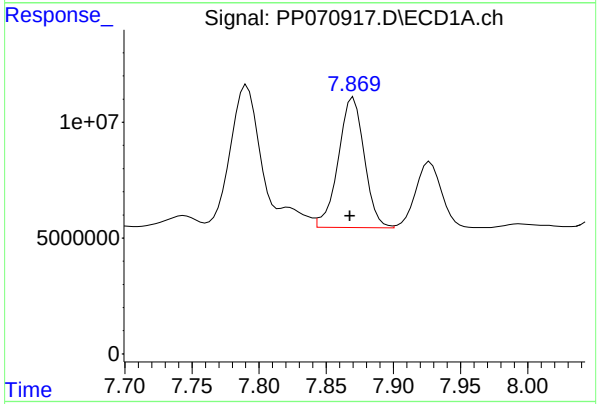
R.T.: 7.512 min
Delta R.T.: 0.002 min
Response: 90805769
Conc: 928.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



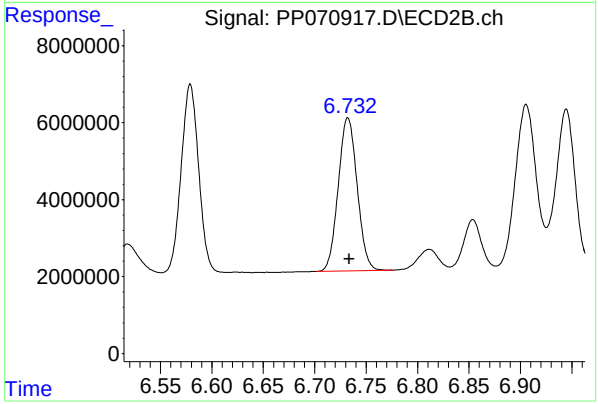
#32 AR-1260-2

R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 58475471
Conc: 929.60 ng/ml



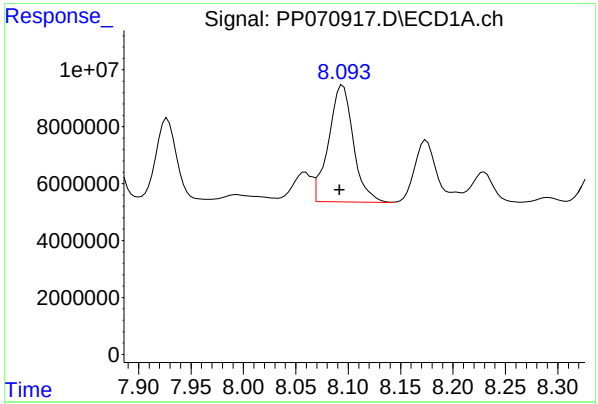
#33 AR-1260-3

R.T.: 7.870 min
Delta R.T.: 0.002 min
Response: 75946924
Conc: 915.35 ng/ml



#33 AR-1260-3

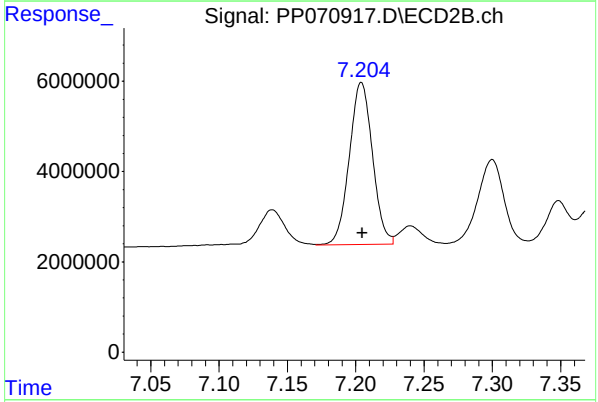
R.T.: 6.732 min
Delta R.T.: -0.001 min
Response: 50913622
Conc: 944.23 ng/ml



#34 AR-1260-4

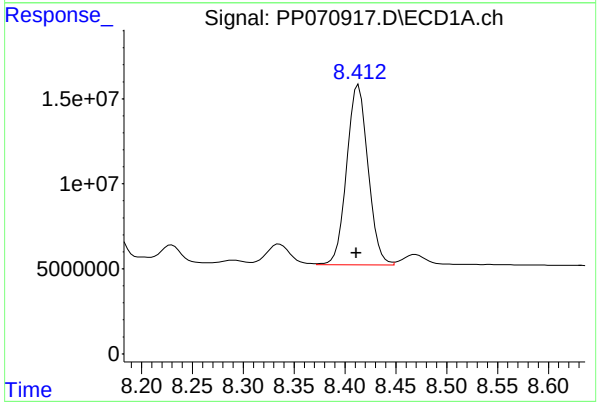
R.T.: 8.095 min
Delta R.T.: 0.003 min
Response: 67190656
Conc: 824.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



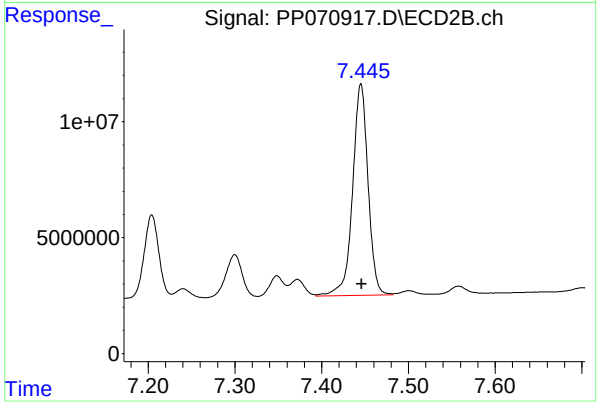
#34 AR-1260-4

R.T.: 7.204 min
Delta R.T.: 0.000 min
Response: 42366044
Conc: 892.13 ng/ml



#35 AR-1260-5

R.T.: 8.413 min
Delta R.T.: 0.002 min
Response: 154592706
Conc: 966.44 ng/ml



#35 AR-1260-5

R.T.: 7.445 min
Delta R.T.: 0.000 min
Response: 113066934
Conc: 902.28 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070918.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 10:47
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 11:43:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 11:40:16 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.516	3.816	109.6E6	76743418	72.145	74.023
2)	SA Decachlor...	10.232	8.858	79929815	63467739	71.593	73.372
	Target Compounds						
3)	L1 AR-1016-1	5.668	4.903	36878765	28246340	724.049	744.189
4)	L1 AR-1016-2	5.690	4.922	55926362	40045379	709.625	736.388
5)	L1 AR-1016-3	5.752	5.098	33032965	22299566	705.593	747.078
6)	L1 AR-1016-4	5.850	5.140	27452141	17599061	703.632	739.649
7)	L1 AR-1016-5	6.142	5.355	25115726	22419832	716.759	743.502
31)	L7 AR-1260-1	7.261	6.391	46678805	34889457	698.534	723.240
32)	L7 AR-1260-2	7.514	6.578	71623177	45945144	732.278	730.401
33)	L7 AR-1260-3	7.873	6.732	59218079	39234472	713.723	727.634
34)	L7 AR-1260-4	8.097	7.203	56265266	33296646	690.783	701.150
35)	L7 AR-1260-5	8.417	7.444	117.1E6	87479828	731.936	698.092

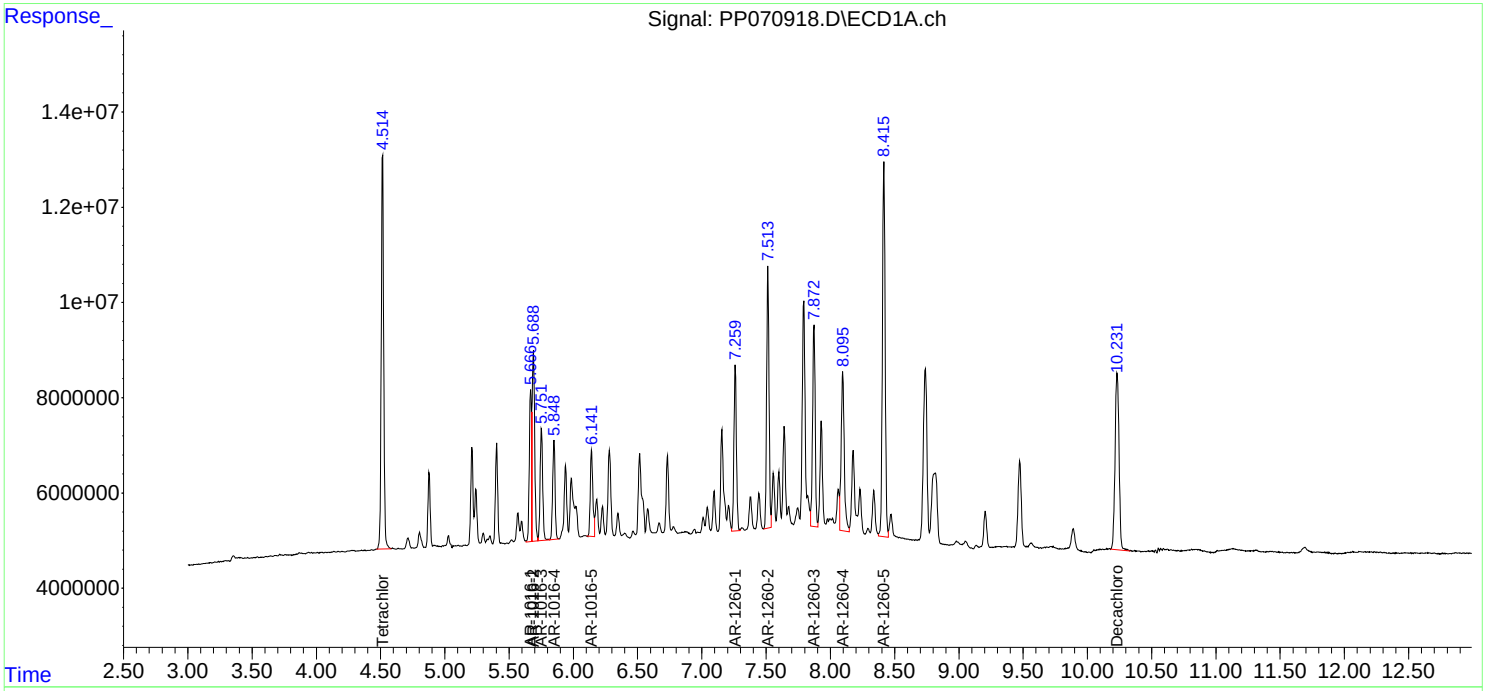
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

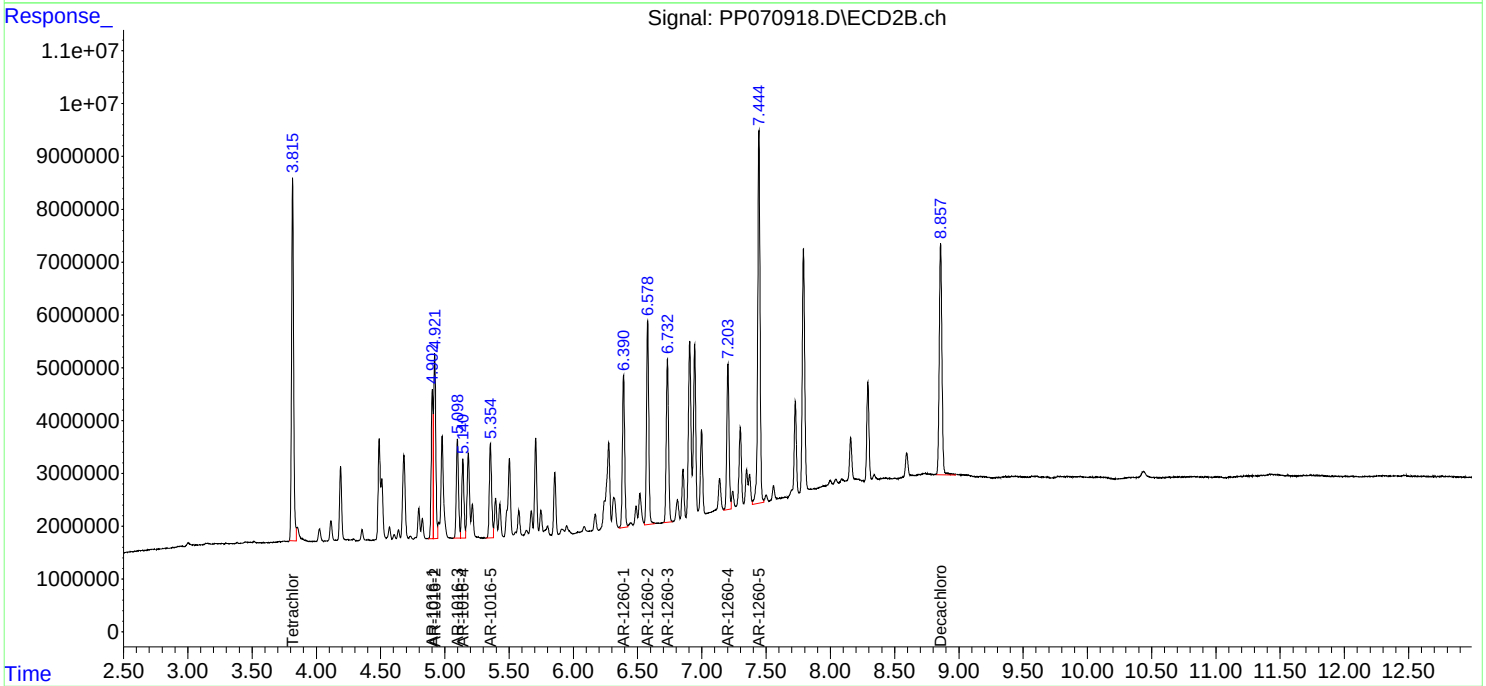
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070918.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 10:47
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

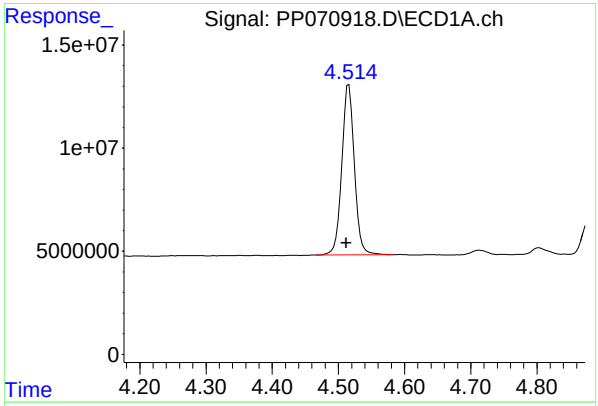
Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 11:43:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 11:40:16 2025
Response via : Initial Calibration
Integrator: ChemStation

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



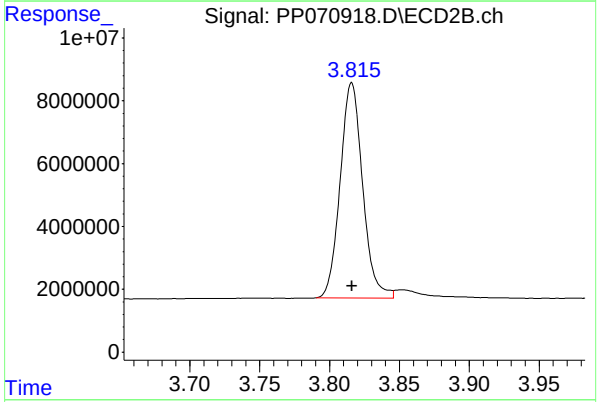




#1 Tetrachloro-m-xylene

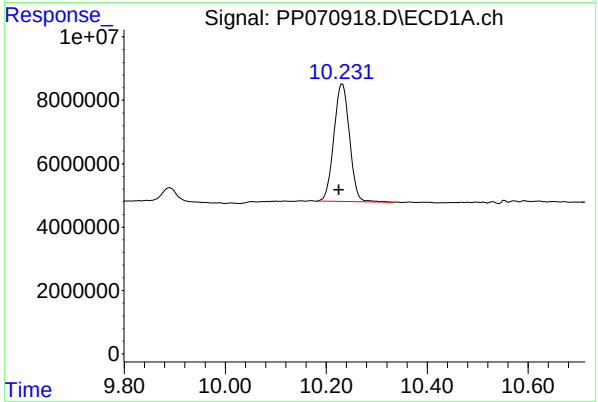
R.T.: 4.516 min
Delta R.T.: 0.004 min
Response: 109605429
Conc: 72.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



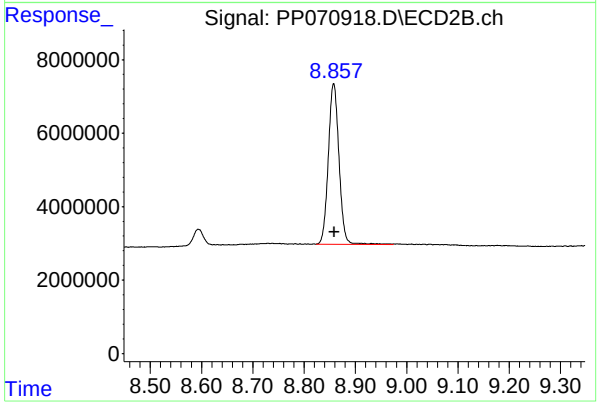
#1 Tetrachloro-m-xylene

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 76743418
Conc: 74.02 ng/ml



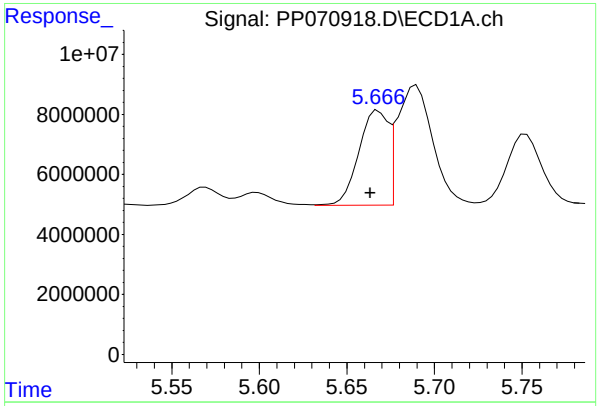
#2 Decachlorobiphenyl

R.T.: 10.232 min
Delta R.T.: 0.007 min
Response: 79929815
Conc: 71.59 ng/ml



#2 Decachlorobiphenyl

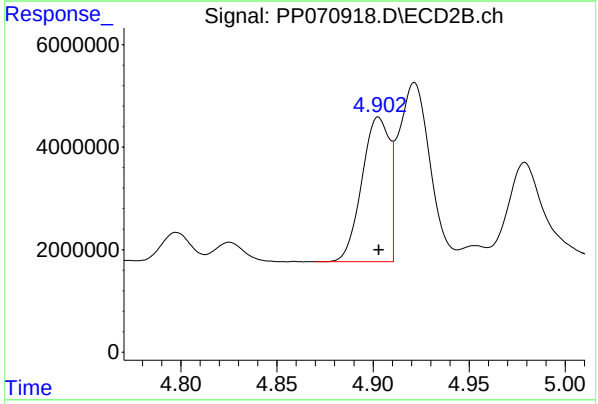
R.T.: 8.858 min
Delta R.T.: -0.001 min
Response: 63467739
Conc: 73.37 ng/ml



#3 AR-1016-1

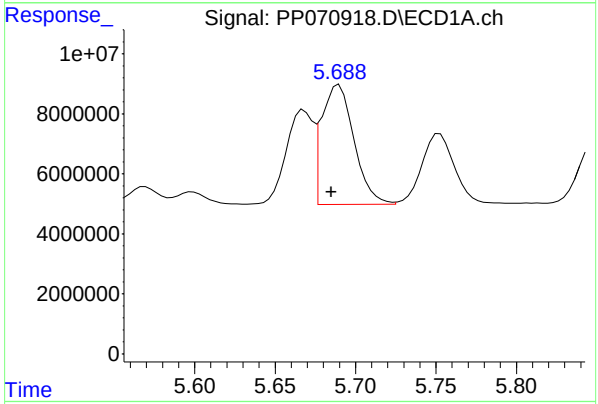
R.T.: 5.668 min
Delta R.T.: 0.005 min
Response: 36878765
Conc: 724.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



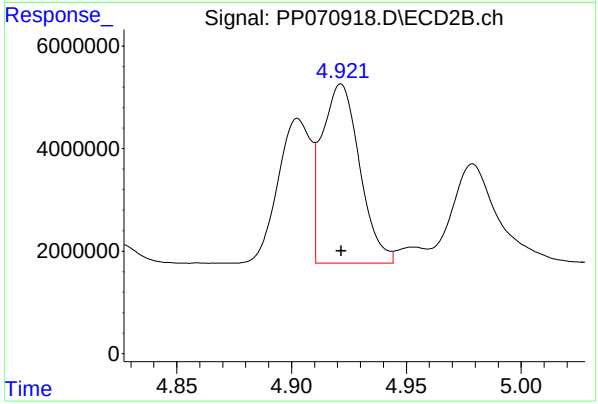
#3 AR-1016-1

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 28246340
Conc: 744.19 ng/ml



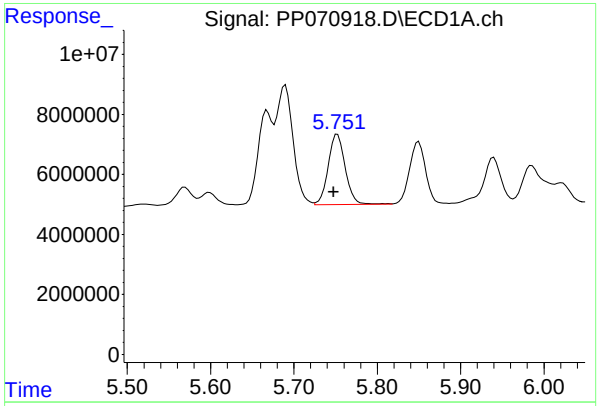
#4 AR-1016-2

R.T.: 5.690 min
Delta R.T.: 0.005 min
Response: 55926362
Conc: 709.62 ng/ml



#4 AR-1016-2

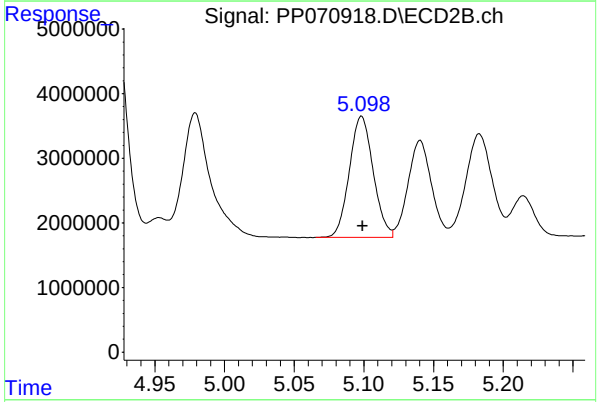
R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 40045379
Conc: 736.39 ng/ml



#5 AR-1016-3

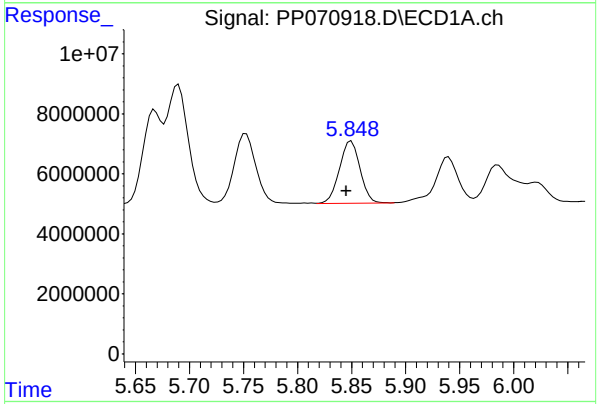
R.T.: 5.752 min
Delta R.T.: 0.005 min
Response: 33032965
Conc: 705.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



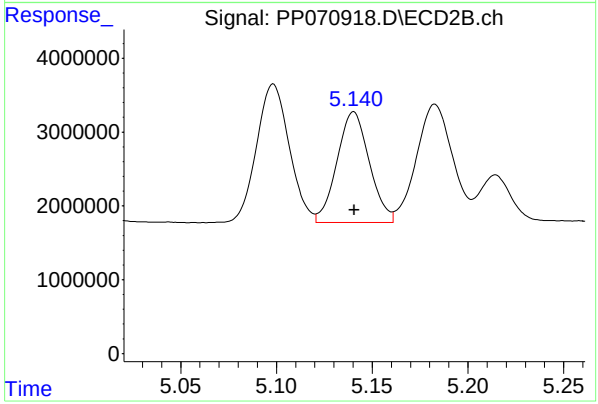
#5 AR-1016-3

R.T.: 5.098 min
Delta R.T.: 0.000 min
Response: 22299566
Conc: 747.08 ng/ml



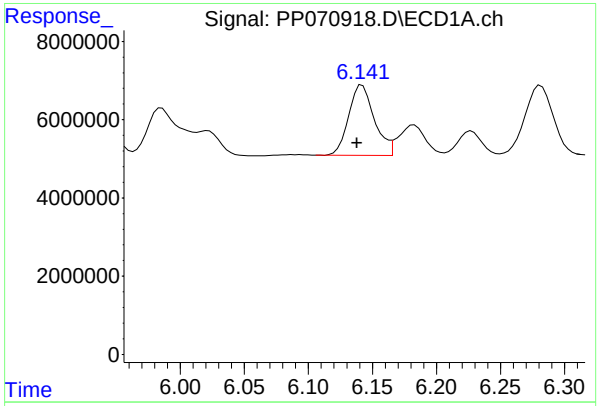
#6 AR-1016-4

R.T.: 5.850 min
Delta R.T.: 0.005 min
Response: 27452141
Conc: 703.63 ng/ml



#6 AR-1016-4

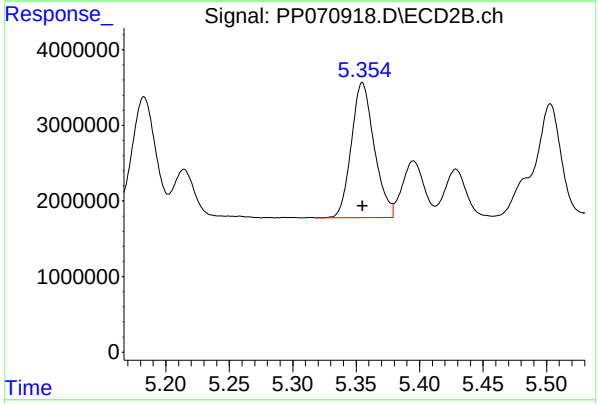
R.T.: 5.140 min
Delta R.T.: 0.000 min
Response: 17599061
Conc: 739.65 ng/ml



#7 AR-1016-5

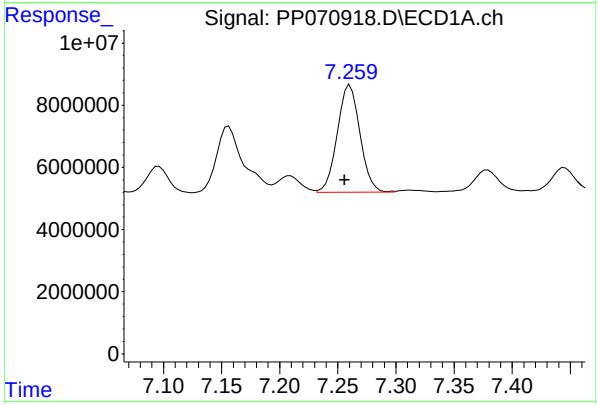
R.T.: 6.142 min
Delta R.T.: 0.004 min
Response: 25115726
Conc: 716.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



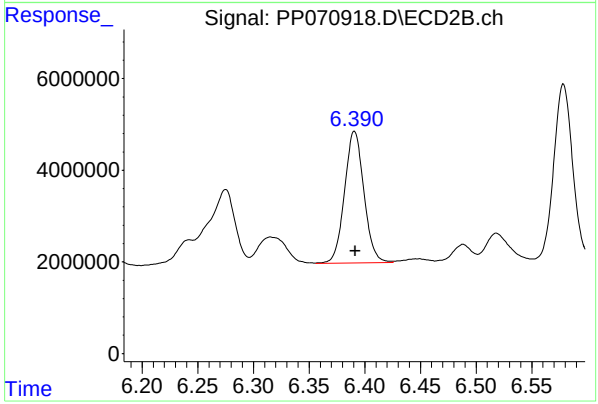
#7 AR-1016-5

R.T.: 5.355 min
Delta R.T.: 0.000 min
Response: 22419832
Conc: 743.50 ng/ml



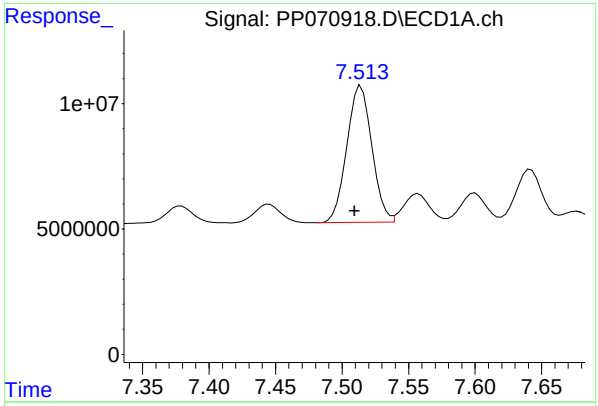
#31 AR-1260-1

R.T.: 7.261 min
Delta R.T.: 0.005 min
Response: 46678805
Conc: 698.53 ng/ml



#31 AR-1260-1

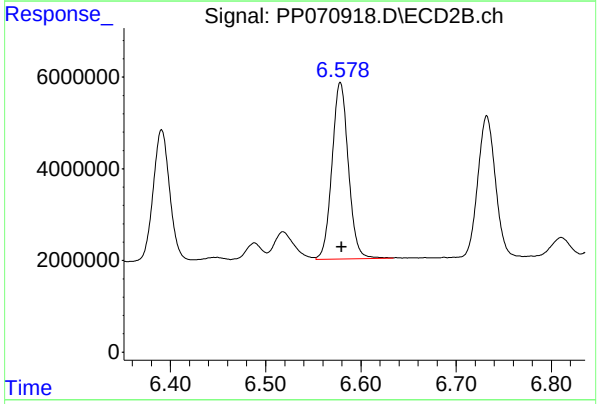
R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 34889457
Conc: 723.24 ng/ml



#32 AR-1260-2

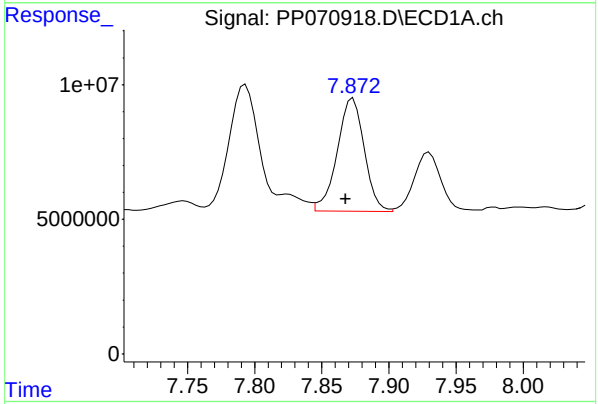
R.T.: 7.514 min
Delta R.T.: 0.005 min
Response: 71623177
Conc: 732.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



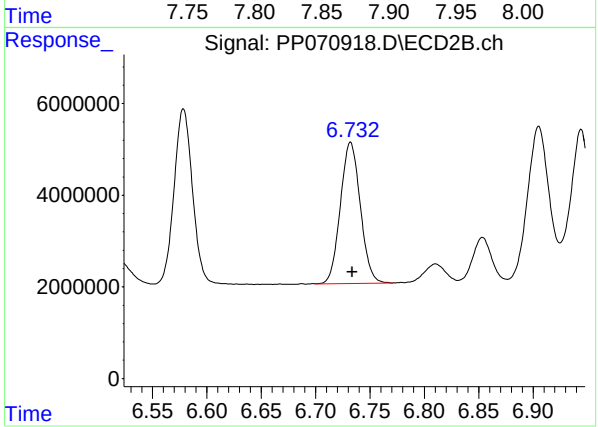
#32 AR-1260-2

R.T.: 6.578 min
Delta R.T.: -0.001 min
Response: 45945144
Conc: 730.40 ng/ml



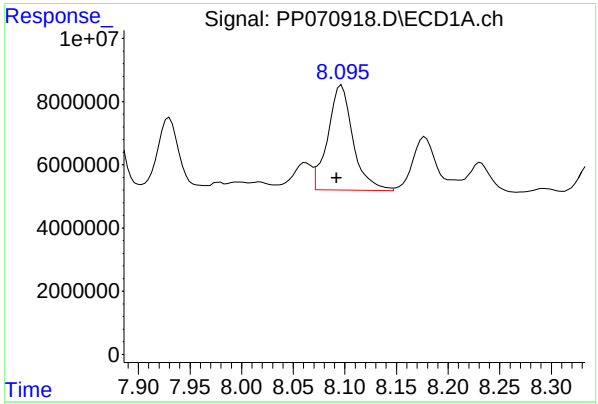
#33 AR-1260-3

R.T.: 7.873 min
Delta R.T.: 0.005 min
Response: 59218079
Conc: 713.72 ng/ml



#33 AR-1260-3

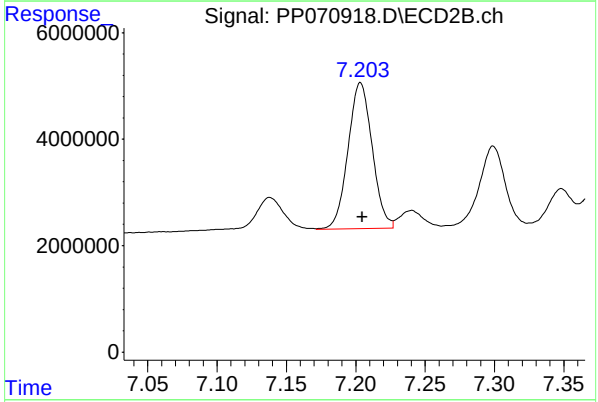
R.T.: 6.732 min
Delta R.T.: -0.001 min
Response: 39234472
Conc: 727.63 ng/ml



#34 AR-1260-4

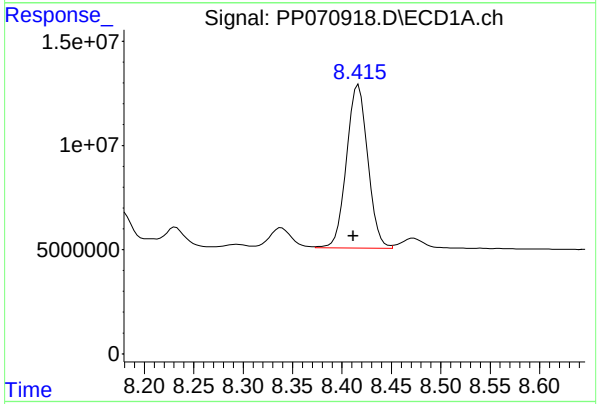
R.T.: 8.097 min
Delta R.T.: 0.005 min
Response: 56265266
Conc: 690.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



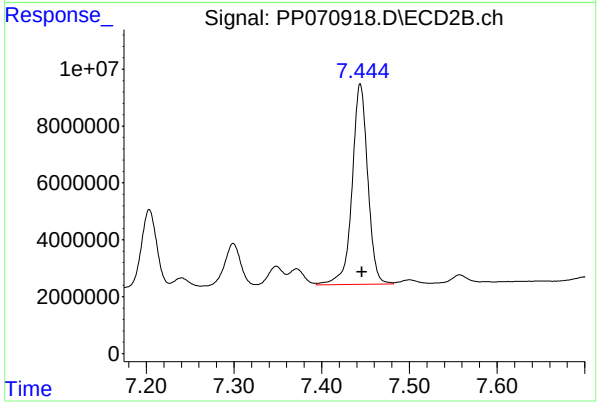
#34 AR-1260-4

R.T.: 7.203 min
Delta R.T.: -0.001 min
Response: 33296646
Conc: 701.15 ng/ml



#35 AR-1260-5

R.T.: 8.417 min
Delta R.T.: 0.005 min
Response: 117081076
Conc: 731.94 ng/ml



#35 AR-1260-5

R.T.: 7.444 min
Delta R.T.: -0.002 min
Response: 87479828
Conc: 698.09 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070919.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 11:03
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 11:43:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 11:40:16 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.512	3.816	75962416	51837404	50.000	50.000
2) SA	Decachlor...	10.225	8.859	55822450	43250808	50.000	50.000
	Target Compounds						
3) L1	AR-1016-1	5.663	4.903	25467030	18977943	500.000	500.000
4) L1	AR-1016-2	5.685	4.922	39405586	27190389	500.000	500.000
5) L1	AR-1016-3	5.748	5.099	23407932	14924529	500.000	500.000
6) L1	AR-1016-4	5.845	5.141	19507464	11896894	500.000	500.000
7) L1	AR-1016-5	6.138	5.355	17520341	15077187	500.000	500.000
31) L7	AR-1260-1	7.256	6.392	33411980	24120261	500.000	500.000
32) L7	AR-1260-2	7.510	6.580	48904355	31452019	500.000	500.000
33) L7	AR-1260-3	7.868	6.734	41485326	26960319	500.000	500.000
34) L7	AR-1260-4	8.092	7.205	40725714	23744314	500.000	500.000
35) L7	AR-1260-5	8.411	7.446	79980400	62656405	500.000	500.000

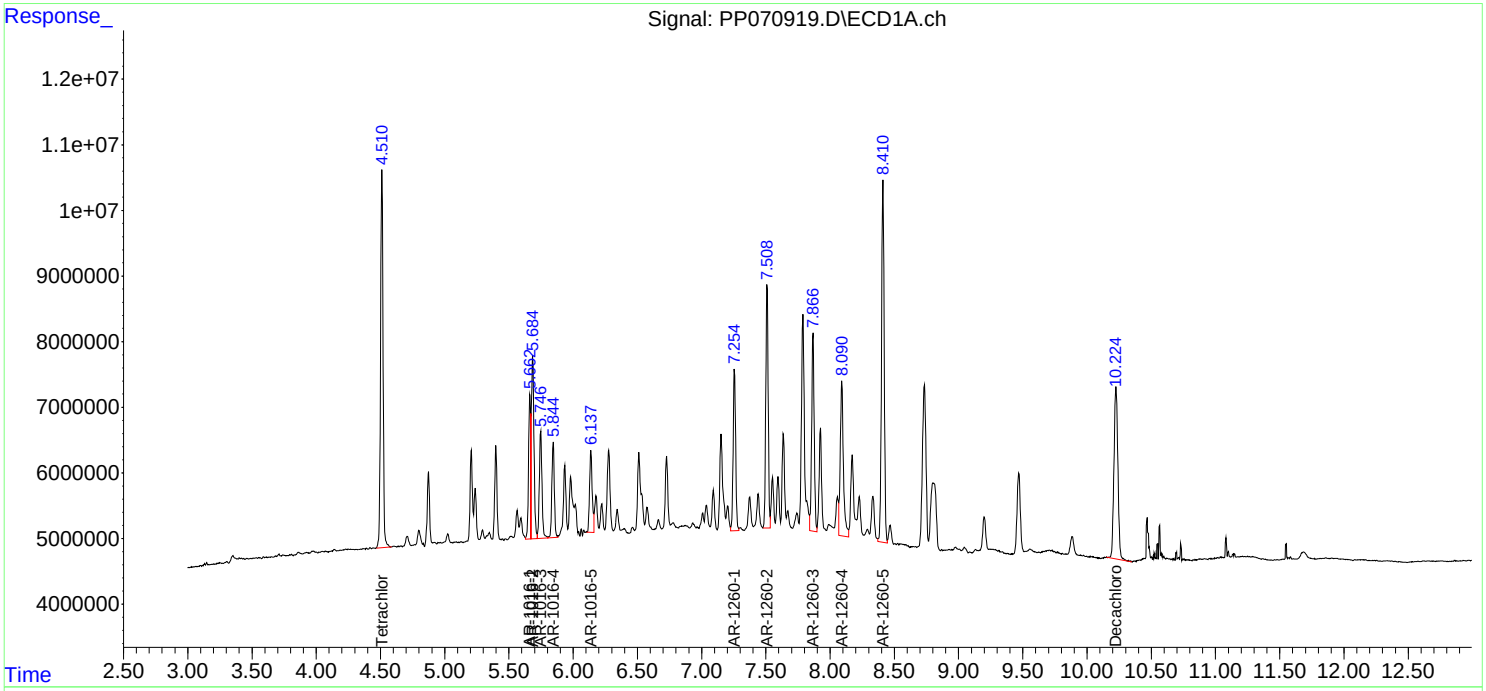
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

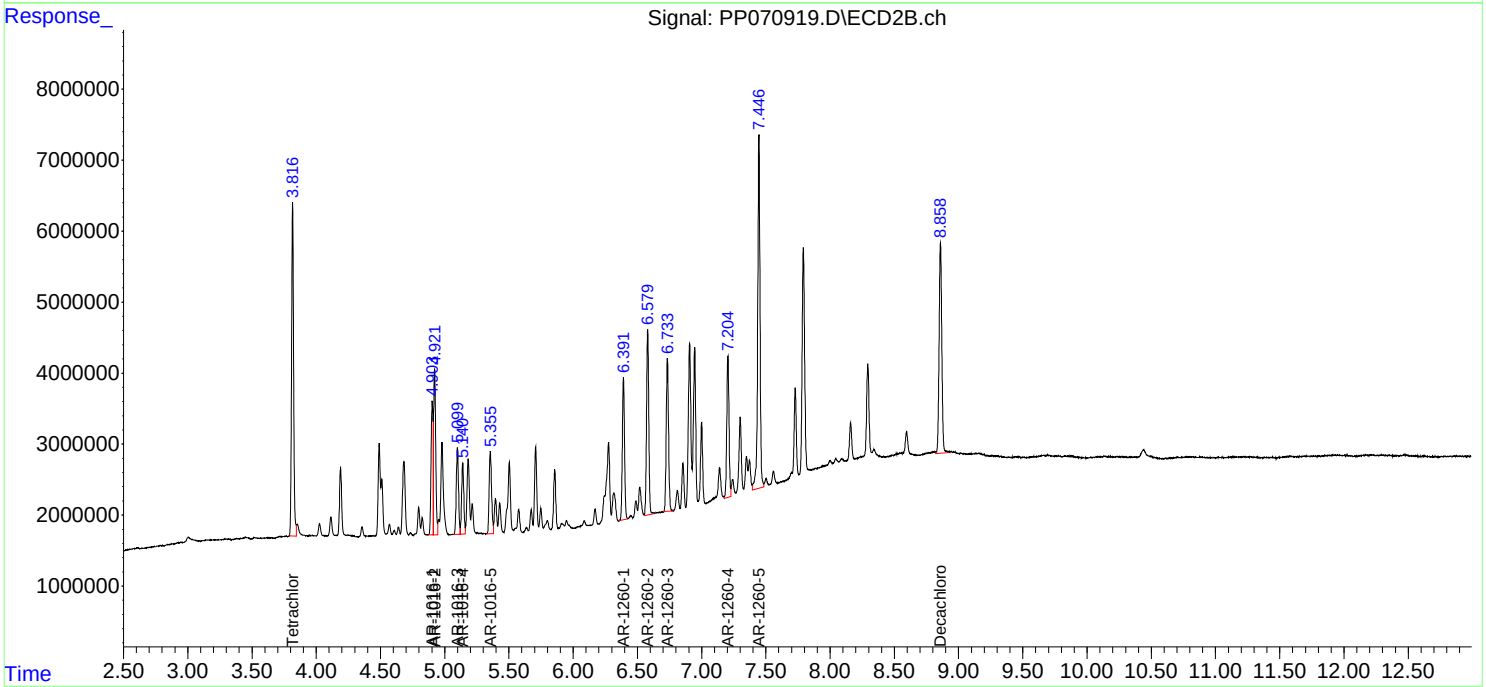
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070919.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 11:03
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

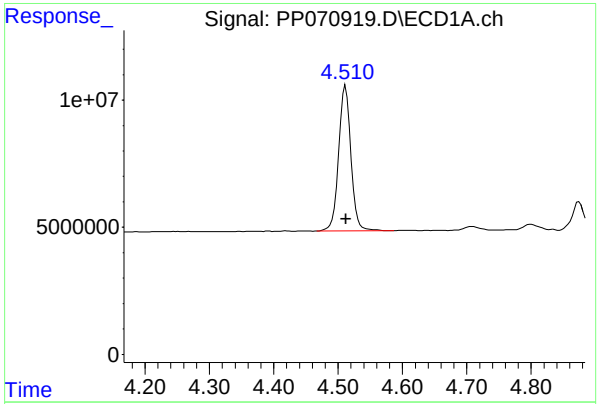
Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 11:43:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 11:40:16 2025
Response via : Initial Calibration
Integrator: ChemStation

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



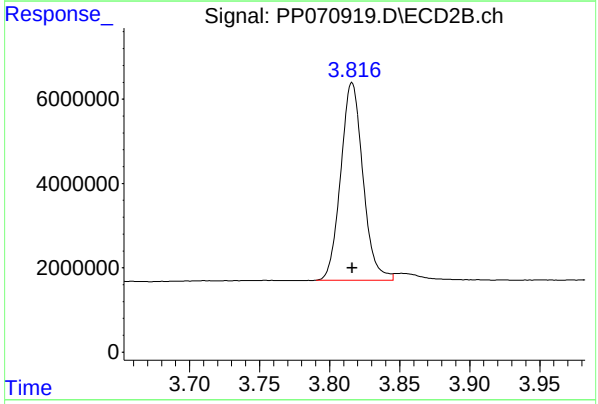




#1 Tetrachloro-m-xylene

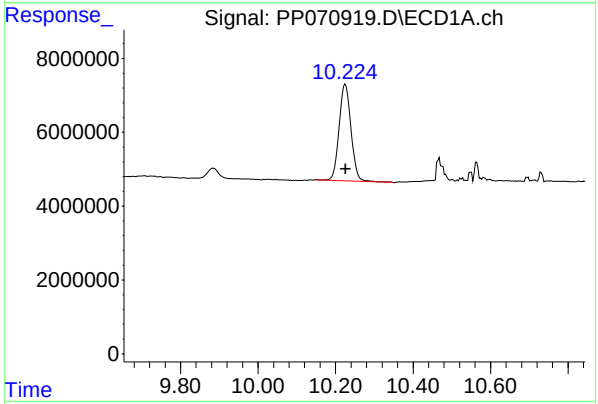
R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 75962416
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



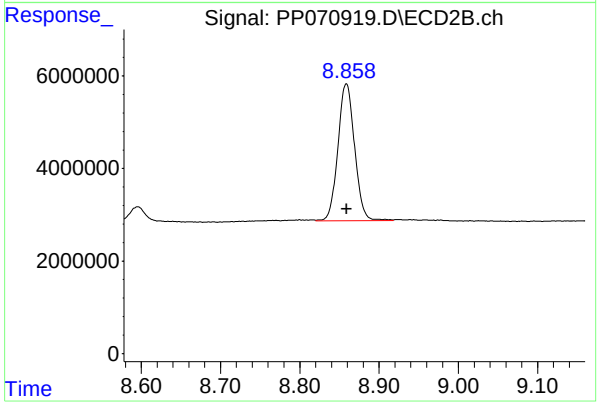
#1 Tetrachloro-m-xylene

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 51837404
Conc: 50.00 ng/ml



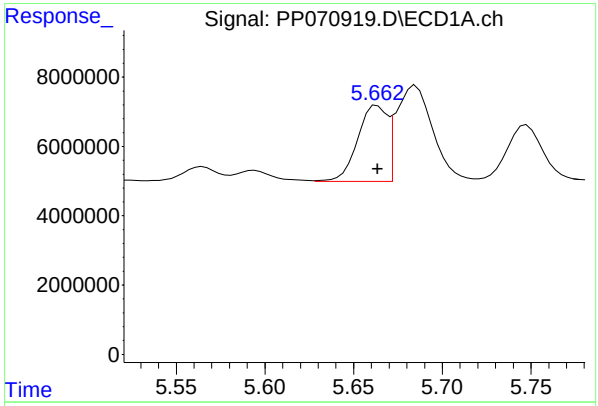
#2 Decachlorobiphenyl

R.T.: 10.225 min
Delta R.T.: 0.000 min
Response: 55822450
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

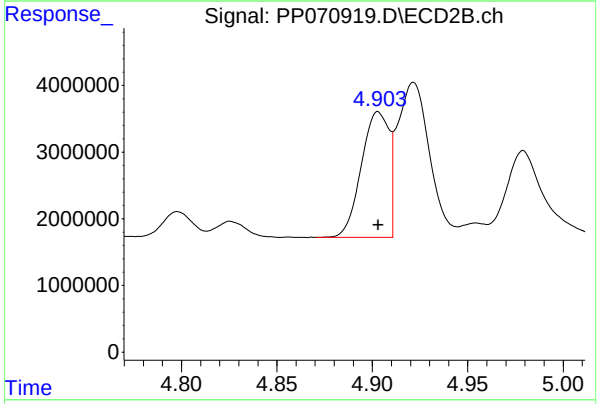
R.T.: 8.859 min
Delta R.T.: 0.000 min
Response: 43250808
Conc: 50.00 ng/ml



#3 AR-1016-1

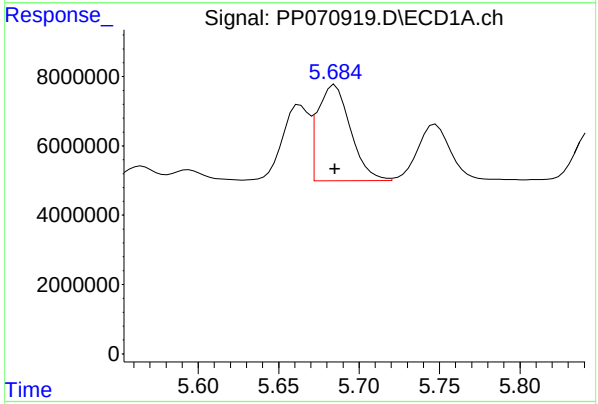
R.T.: 5.663 min
Delta R.T.: 0.000 min
Response: 25467030
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



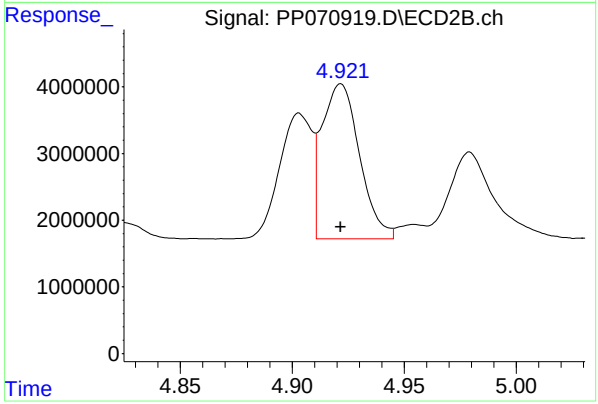
#3 AR-1016-1

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 18977943
Conc: 500.00 ng/ml



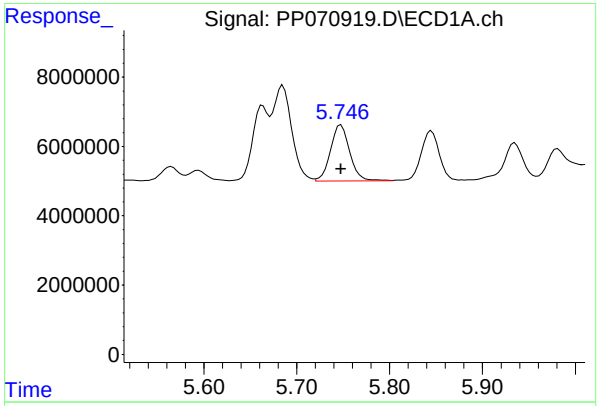
#4 AR-1016-2

R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 39405586
Conc: 500.00 ng/ml



#4 AR-1016-2

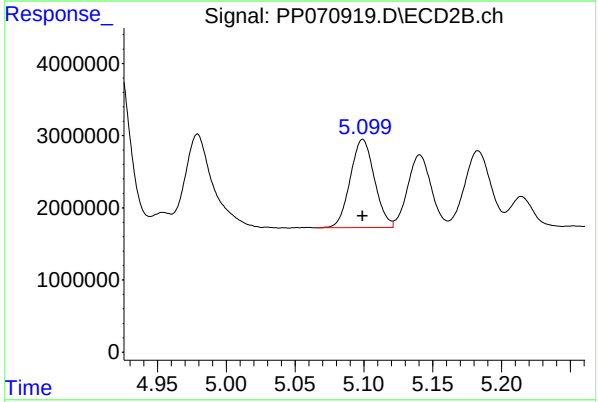
R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 27190389
Conc: 500.00 ng/ml



#5 AR-1016-3

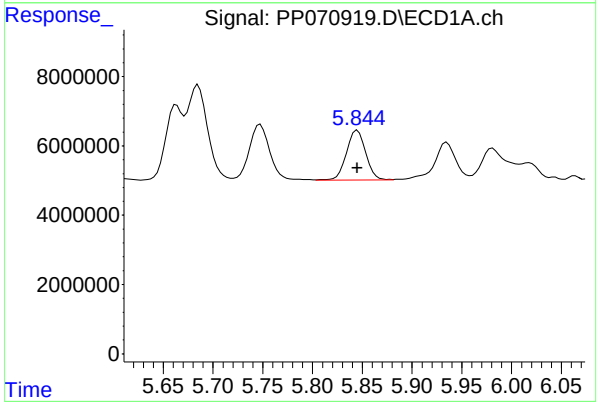
R.T.: 5.748 min
Delta R.T.: 0.000 min
Response: 23407932
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



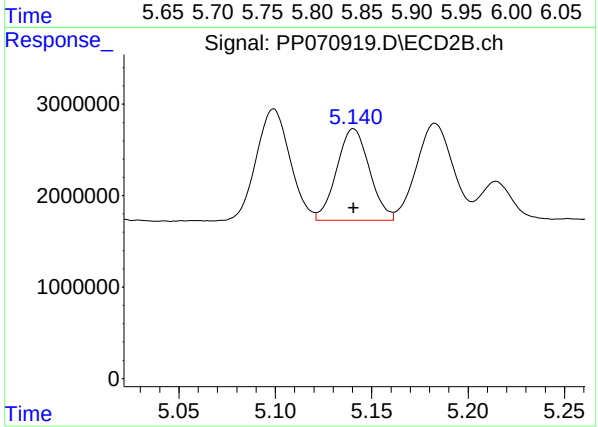
#5 AR-1016-3

R.T.: 5.099 min
Delta R.T.: 0.000 min
Response: 14924529
Conc: 500.00 ng/ml



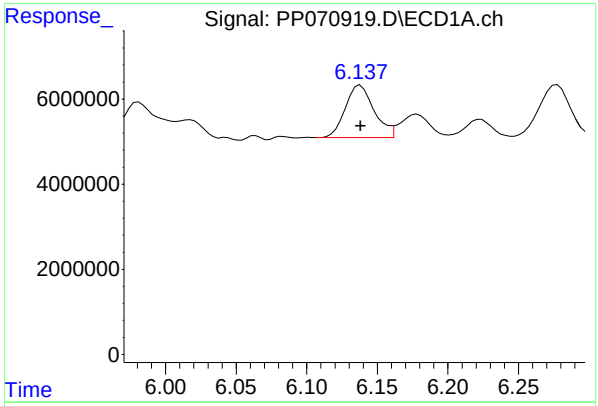
#6 AR-1016-4

R.T.: 5.845 min
Delta R.T.: 0.000 min
Response: 19507464
Conc: 500.00 ng/ml



#6 AR-1016-4

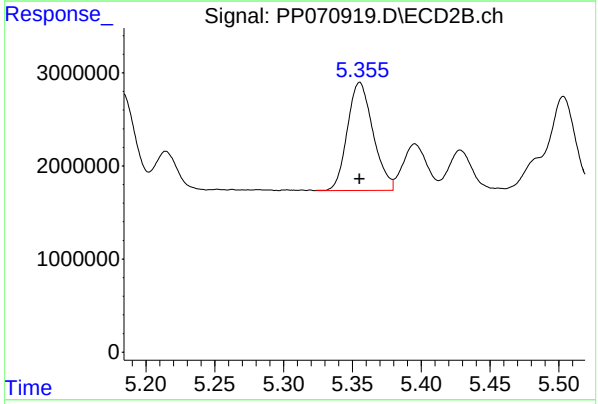
R.T.: 5.141 min
Delta R.T.: 0.000 min
Response: 11896894
Conc: 500.00 ng/ml



#7 AR-1016-5

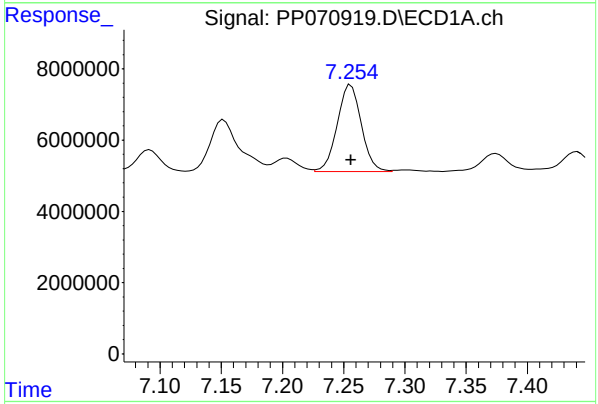
R.T.: 6.138 min
Delta R.T.: 0.000 min
Response: 17520341
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



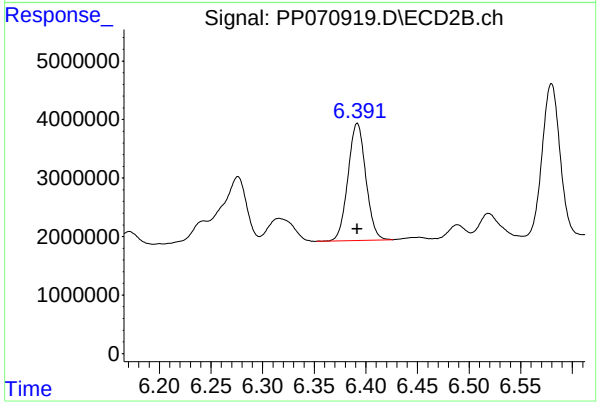
#7 AR-1016-5

R.T.: 5.355 min
Delta R.T.: 0.000 min
Response: 15077187
Conc: 500.00 ng/ml



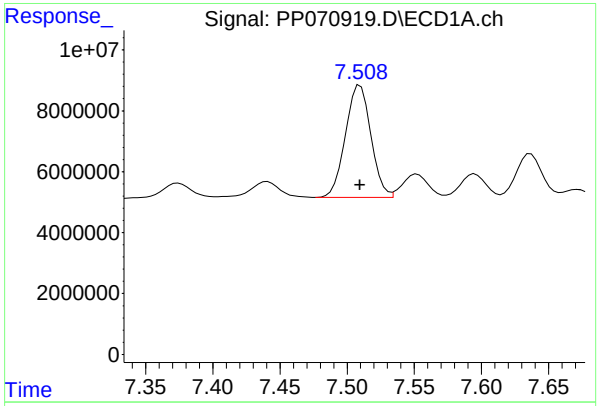
#31 AR-1260-1

R.T.: 7.256 min
Delta R.T.: 0.000 min
Response: 33411980
Conc: 500.00 ng/ml



#31 AR-1260-1

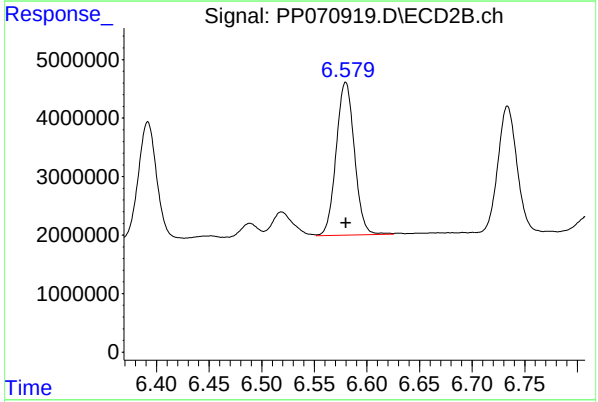
R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 24120261
Conc: 500.00 ng/ml



#32 AR-1260-2

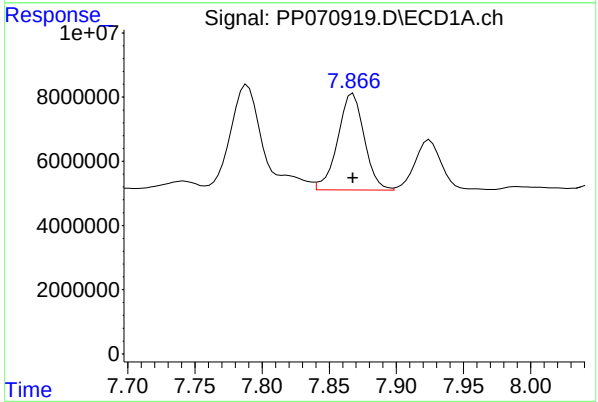
R.T.: 7.510 min
Delta R.T.: 0.000 min
Response: 48904355
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



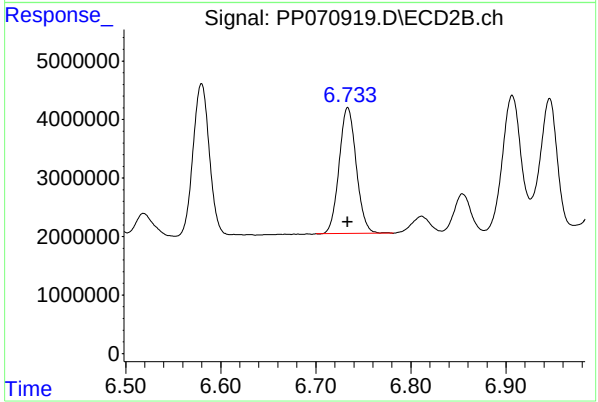
#32 AR-1260-2

R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 31452019
Conc: 500.00 ng/ml



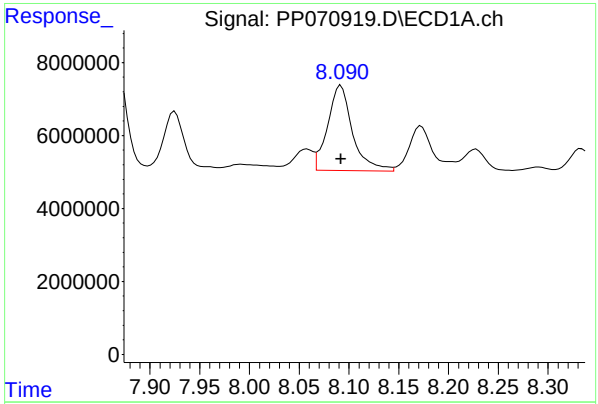
#33 AR-1260-3

R.T.: 7.868 min
Delta R.T.: 0.000 min
Response: 41485326
Conc: 500.00 ng/ml



#33 AR-1260-3

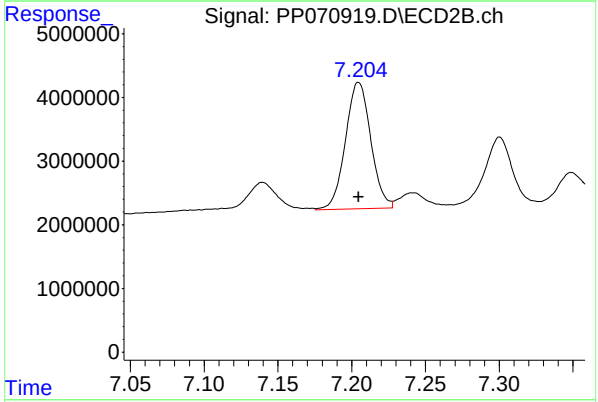
R.T.: 6.734 min
Delta R.T.: 0.000 min
Response: 26960319
Conc: 500.00 ng/ml



#34 AR-1260-4

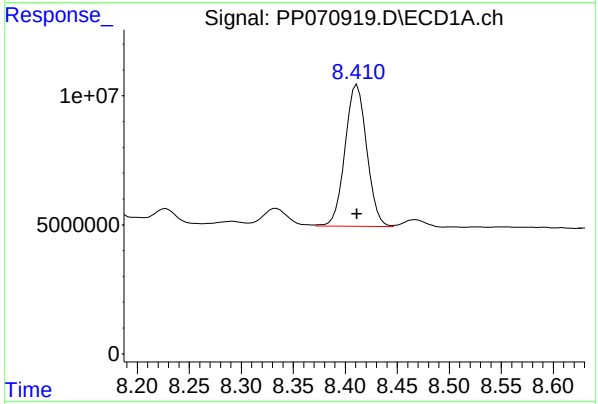
R.T.: 8.092 min
Delta R.T.: 0.000 min
Response: 40725714
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



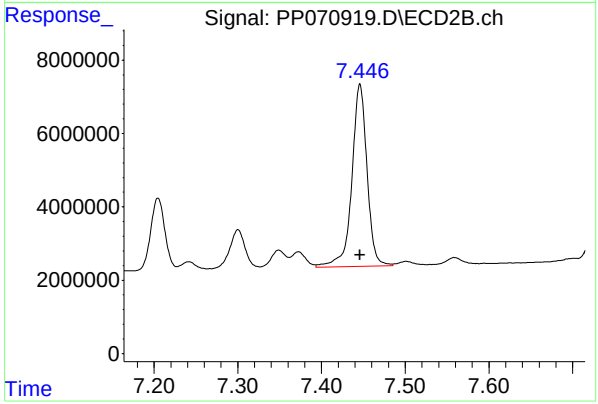
#34 AR-1260-4

R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 23744314
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 8.411 min
Delta R.T.: 0.000 min
Response: 79980400
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.446 min
Delta R.T.: 0.000 min
Response: 62656405
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070920.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 11:19
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 12:11:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 11:40:16 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.515	3.816	39892911	28120307	26.258	27.124
2)	SA Decachlor...	10.229	8.859	27877719	18839232	24.970	21.779
	Target Compounds						
3)	L1 AR-1016-1	5.667	4.903	13581167	11323714	266.642	298.339
4)	L1 AR-1016-2	5.689	4.922	20108471	16375760	255.147	301.131
5)	L1 AR-1016-3	5.751	5.099	12212490	8877034	260.862	297.397
6)	L1 AR-1016-4	5.848	5.141	9803037	7158830	251.264	300.870
7)	L1 AR-1016-5	6.141	5.355	9152735	9323046	261.203	309.177
31)	L7 AR-1260-1	7.260	6.391	18182257	14056672	272.092	291.387
32)	L7 AR-1260-2	7.513	6.579	25714746	17295947	262.909	274.958
33)	L7 AR-1260-3	7.870	6.733	21528554	14684885	259.472m	272.343
34)	L7 AR-1260-4	8.094	7.205	19536409	12488782	239.853m	262.985
35)	L7 AR-1260-5	8.414	7.446	41714322	31815782	260.778m	253.891

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070920.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 11:19
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

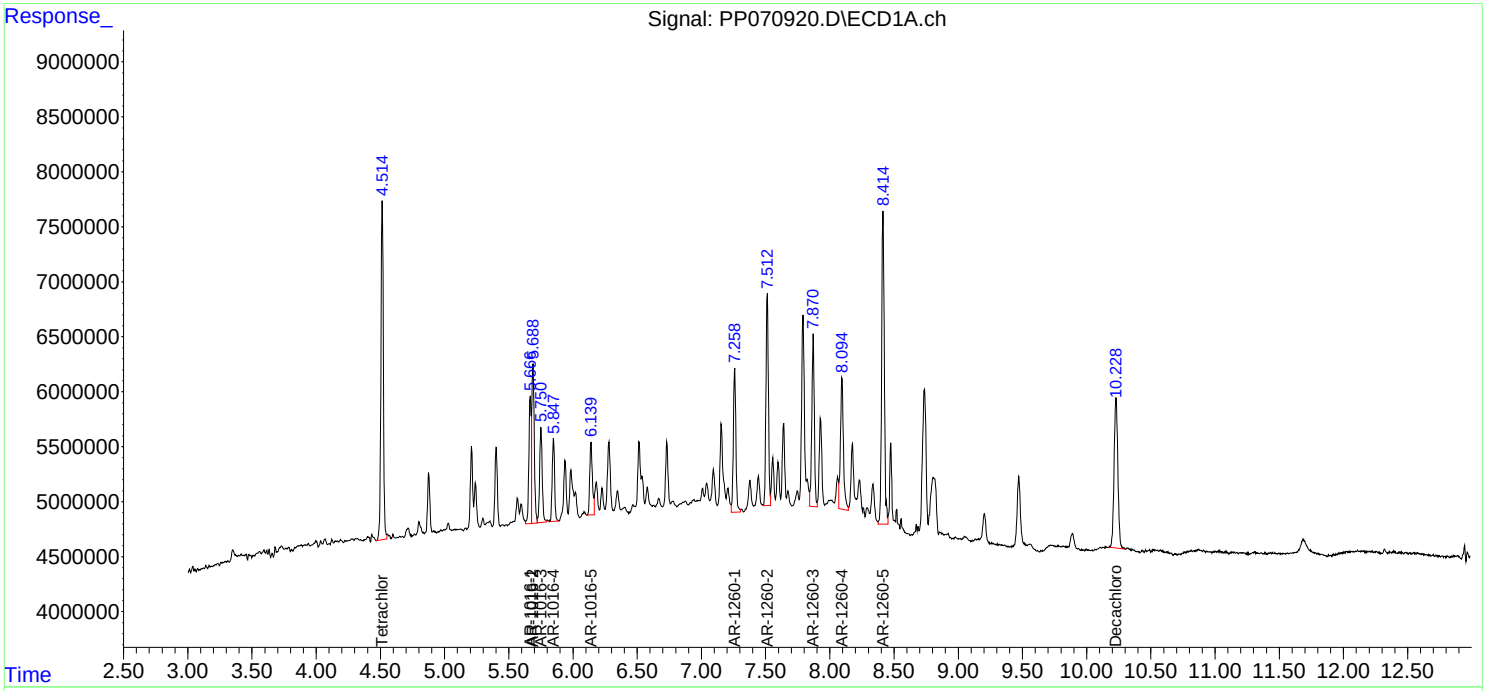
Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

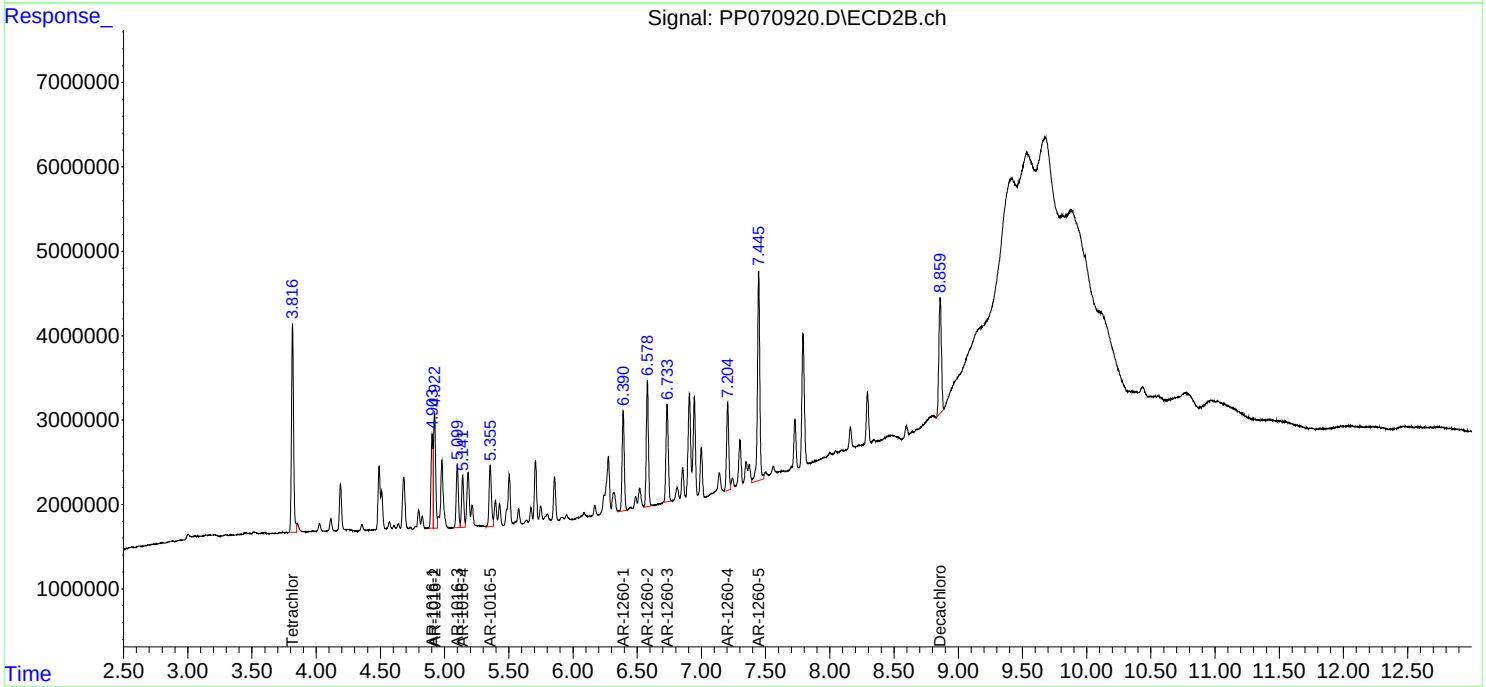
Manual Integrations APPROVED

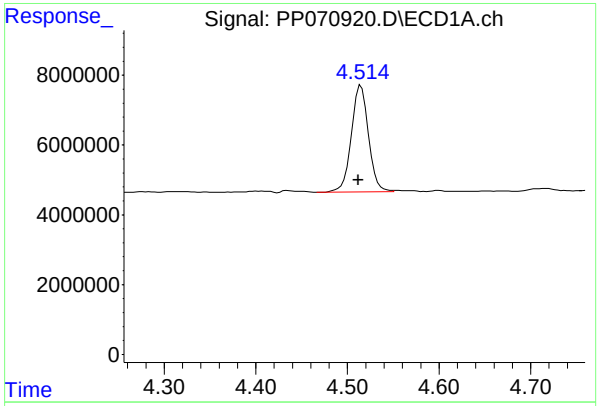
Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 12:11:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 11:40:16 2025
Response via : Initial Calibration
Integrator: ChemStation

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







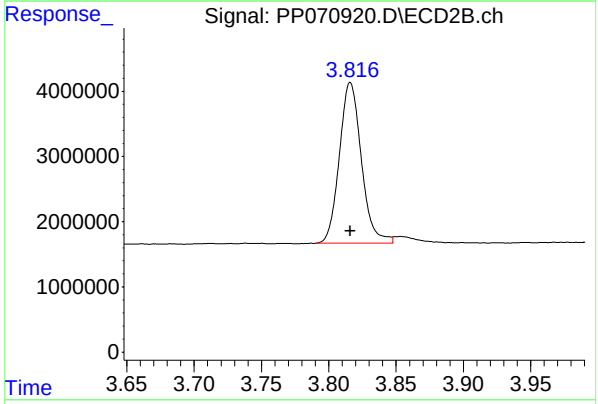
#1 Tetrachloro-m-xylene

R.T.: 4.515 min
Delta R.T.: 0.003 min
Response: 39892911
Conc: 26.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

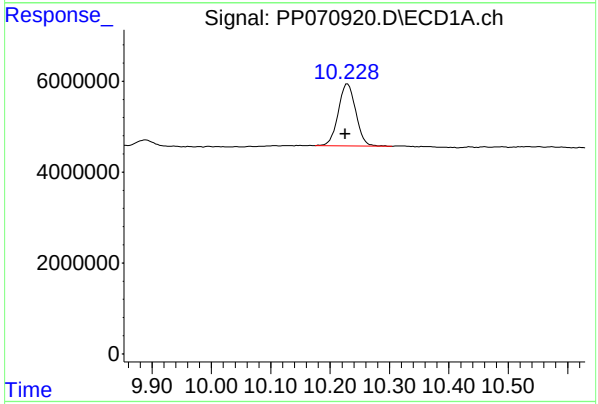
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



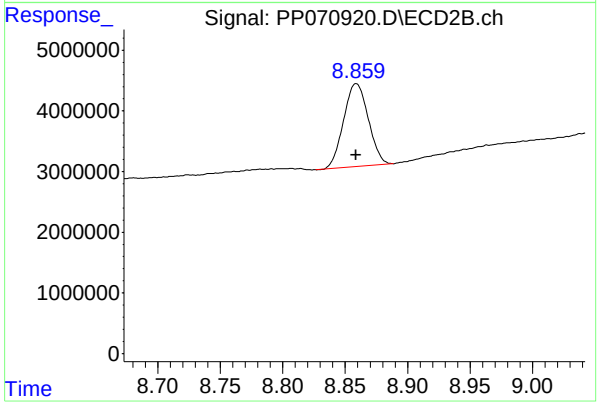
#1 Tetrachloro-m-xylene

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 28120307
Conc: 27.12 ng/ml



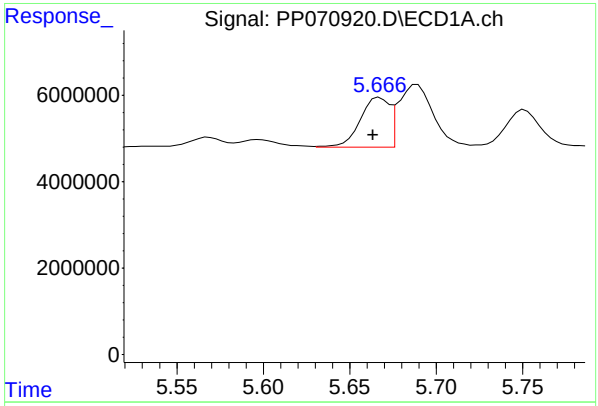
#2 Decachlorobiphenyl

R.T.: 10.229 min
Delta R.T.: 0.004 min
Response: 27877719
Conc: 24.97 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.859 min
Delta R.T.: 0.000 min
Response: 18839232
Conc: 21.78 ng/ml



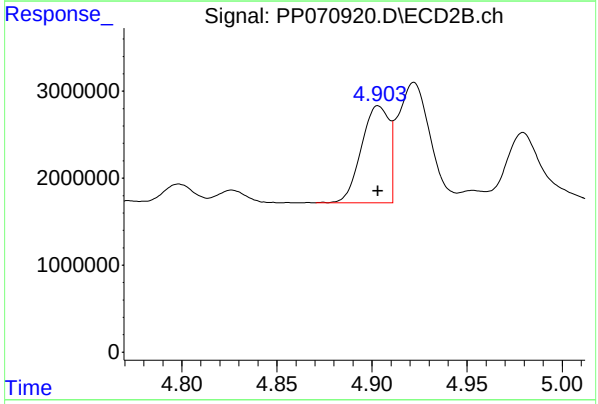
#3 AR-1016-1

R.T.: 5.667 min
Delta R.T.: 0.004 min
Response: 13581167
Conc: 266.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

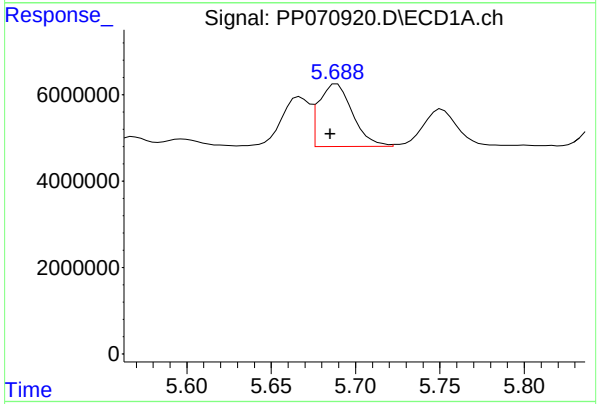
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



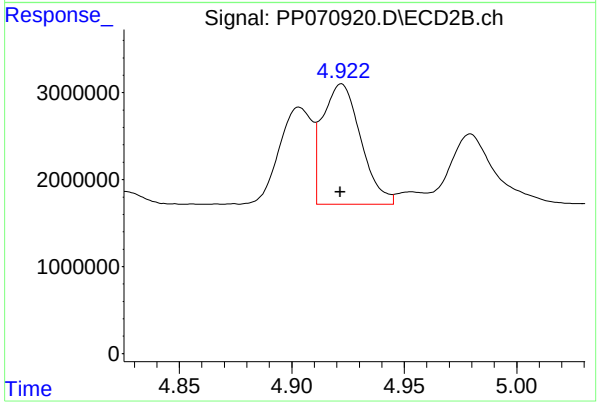
#3 AR-1016-1

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 11323714
Conc: 298.34 ng/ml



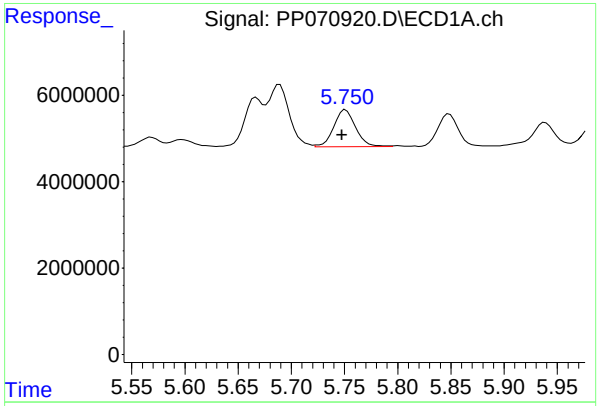
#4 AR-1016-2

R.T.: 5.689 min
Delta R.T.: 0.004 min
Response: 20108471
Conc: 255.15 ng/ml



#4 AR-1016-2

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 16375760
Conc: 301.13 ng/ml



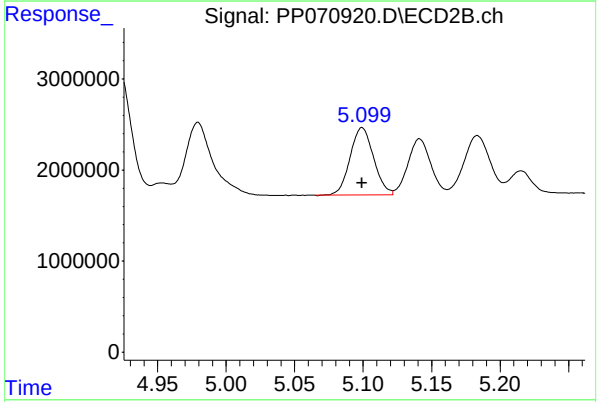
#5 AR-1016-3

R.T.: 5.751 min
Delta R.T.: 0.004 min
Response: 12212490
Conc: 260.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

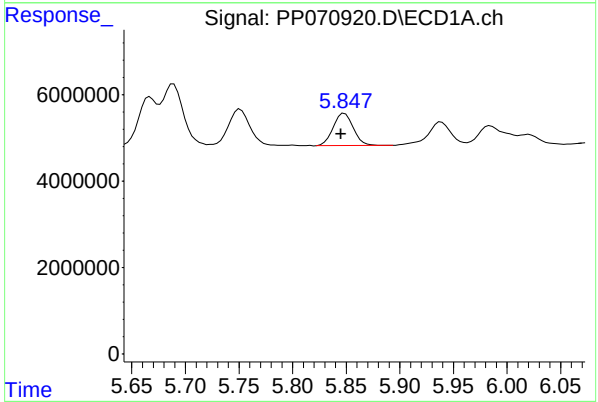
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



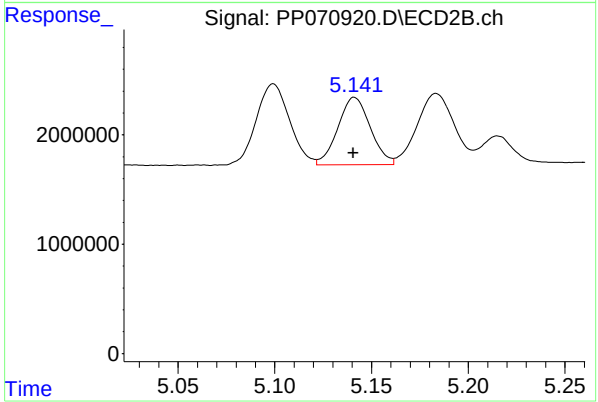
#5 AR-1016-3

R.T.: 5.099 min
Delta R.T.: 0.000 min
Response: 8877034
Conc: 297.40 ng/ml



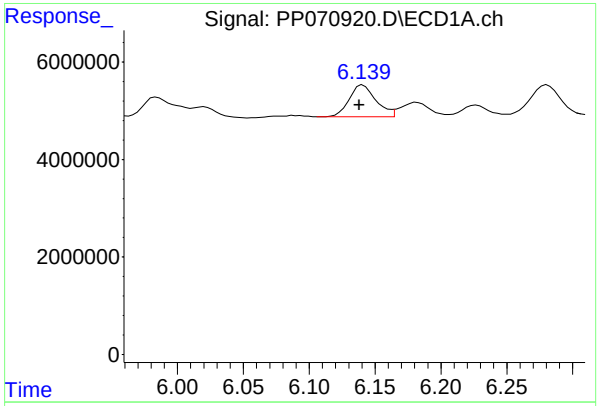
#6 AR-1016-4

R.T.: 5.848 min
Delta R.T.: 0.003 min
Response: 9803037
Conc: 251.26 ng/ml



#6 AR-1016-4

R.T.: 5.141 min
Delta R.T.: 0.000 min
Response: 7158830
Conc: 300.87 ng/ml



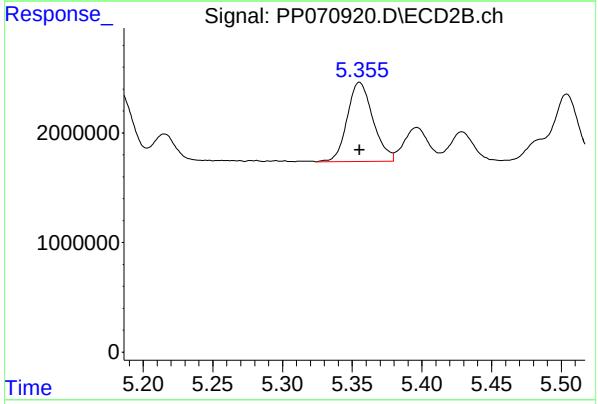
#7 AR-1016-5

R.T.: 6.141 min
Delta R.T.: 0.003 min
Response: 9152735
Conc: 261.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

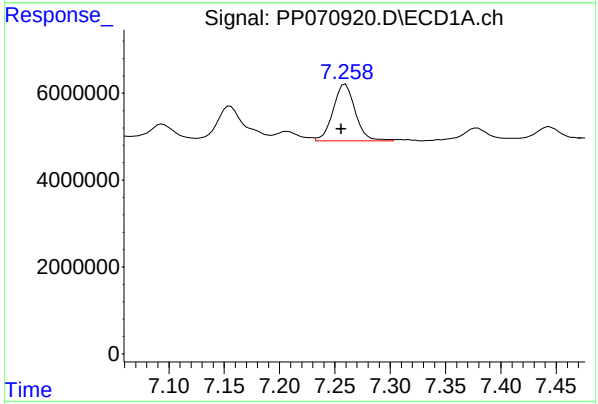
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



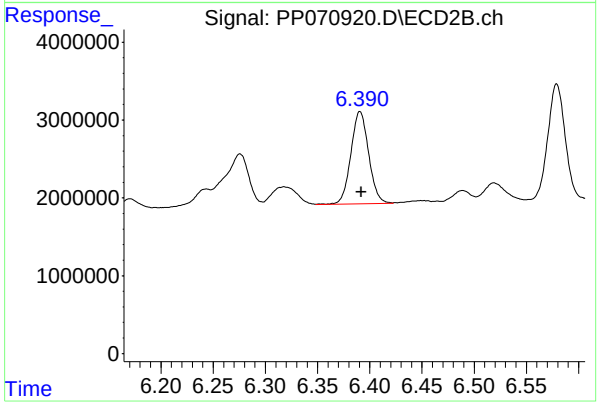
#7 AR-1016-5

R.T.: 5.355 min
Delta R.T.: 0.000 min
Response: 9323046
Conc: 309.18 ng/ml



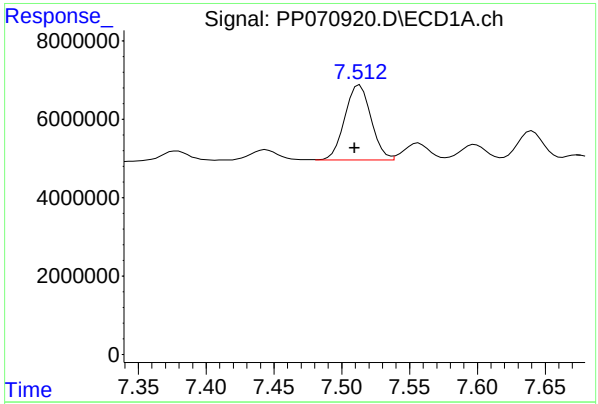
#31 AR-1260-1

R.T.: 7.260 min
Delta R.T.: 0.004 min
Response: 18182257
Conc: 272.09 ng/ml



#31 AR-1260-1

R.T.: 6.391 min
Delta R.T.: -0.001 min
Response: 14056672
Conc: 291.39 ng/ml



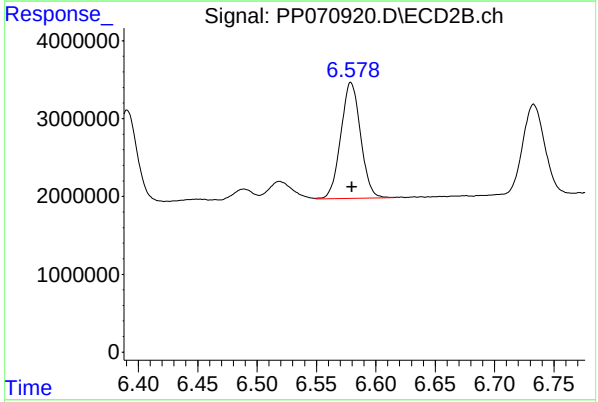
#32 AR-1260-2

R.T.: 7.513 min
Delta R.T.: 0.004 mi
Response: 25714746
Conc: 262.91 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

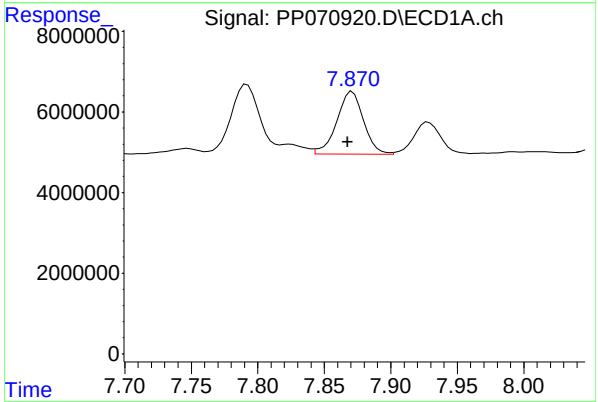
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



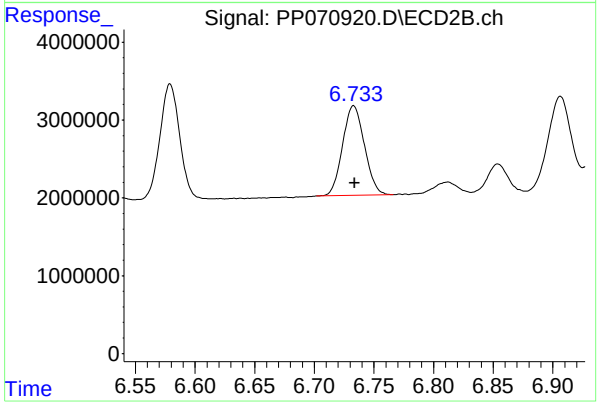
#32 AR-1260-2

R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 17295947
Conc: 274.96 ng/ml



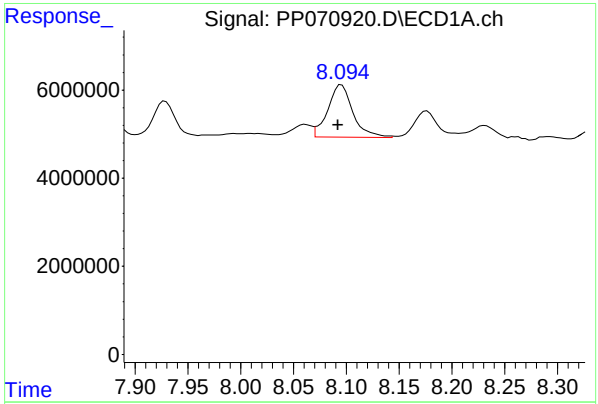
#33 AR-1260-3

R.T.: 7.870 min
Delta R.T.: 0.002 min
Response: 21528554
Conc: 259.47 ng/ml m



#33 AR-1260-3

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 14684885
Conc: 272.34 ng/ml



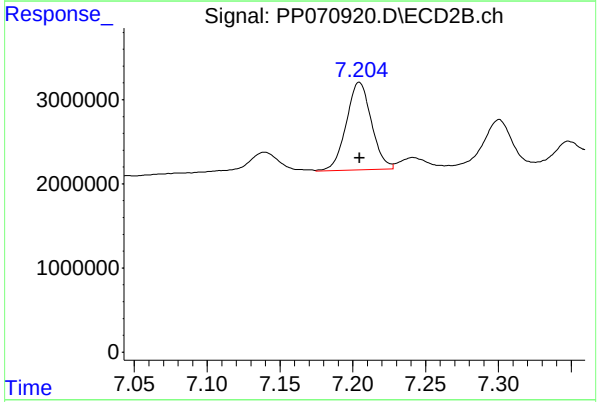
#34 AR-1260-4

R.T.: 8.094 min
Delta R.T.: 0.002 mi
Response: 19536409
Conc: 239.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

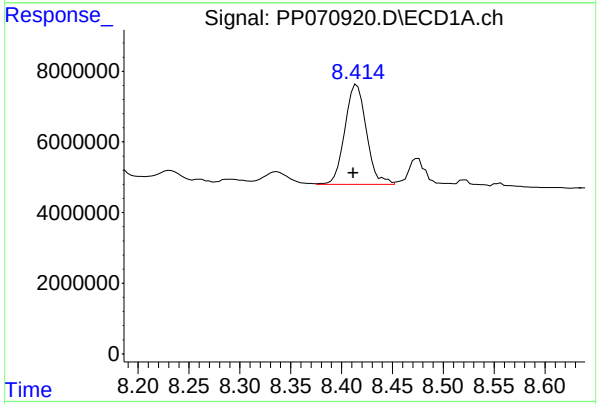
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



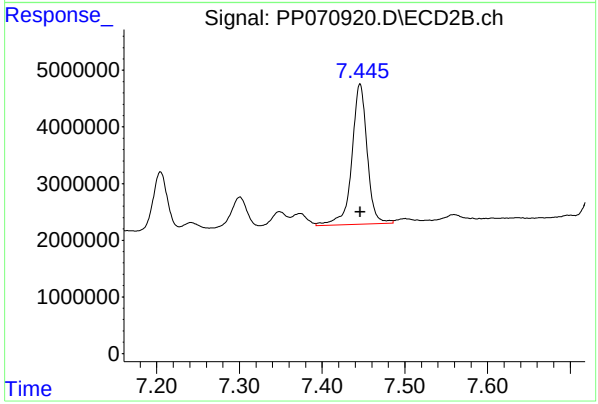
#34 AR-1260-4

R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 12488782
Conc: 262.98 ng/ml



#35 AR-1260-5

R.T.: 8.414 min
Delta R.T.: 0.002 min
Response: 41714322
Conc: 260.78 ng/ml m



#35 AR-1260-5

R.T.: 7.446 min
Delta R.T.: 0.000 min
Response: 31815782
Conc: 253.89 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070921.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 11:35
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 12:09:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 11:40:16 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.513	3.816	6533335	5359624	4.300	5.170
2)	SA Decachlor...	10.230	8.858	4733739	3413055	4.240	3.946
	Target Compounds						
3)	L1 AR-1016-1	5.666	4.903	2617394	2265971	51.388	59.700
4)	L1 AR-1016-2	5.688	4.922	4198554	3321854	53.274	61.085
5)	L1 AR-1016-3	5.751	5.099	2631097	1626306	56.201	54.484
6)	L1 AR-1016-4	5.848	5.140	1614372	1232754	41.378	51.810 #
7)	L1 AR-1016-5	6.139	5.356	1610860	1866333	45.971m	61.893 #
31)	L7 AR-1260-1	7.257	6.391	3667364	2989801	54.881m	61.977
32)	L7 AR-1260-2	7.512	6.579	4685539	3357287	47.905	53.372
33)	L7 AR-1260-3	7.869	6.732	3780088	2827385	45.559m	52.436
34)	L7 AR-1260-4	8.094	7.205	4593822	2746307	56.400m	57.831
35)	L7 AR-1260-5	8.412	7.445	7845589	7013440	49.047m	55.967

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070921.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 11:35
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

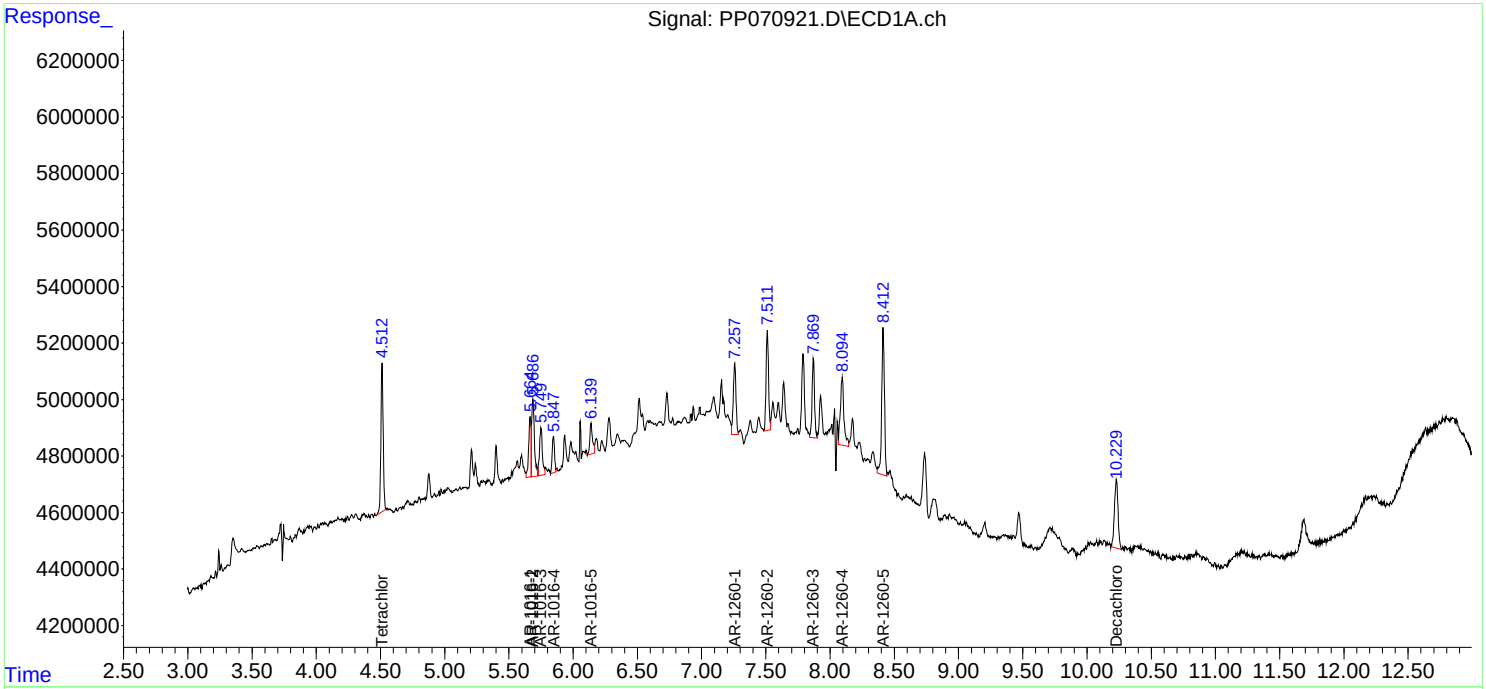
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

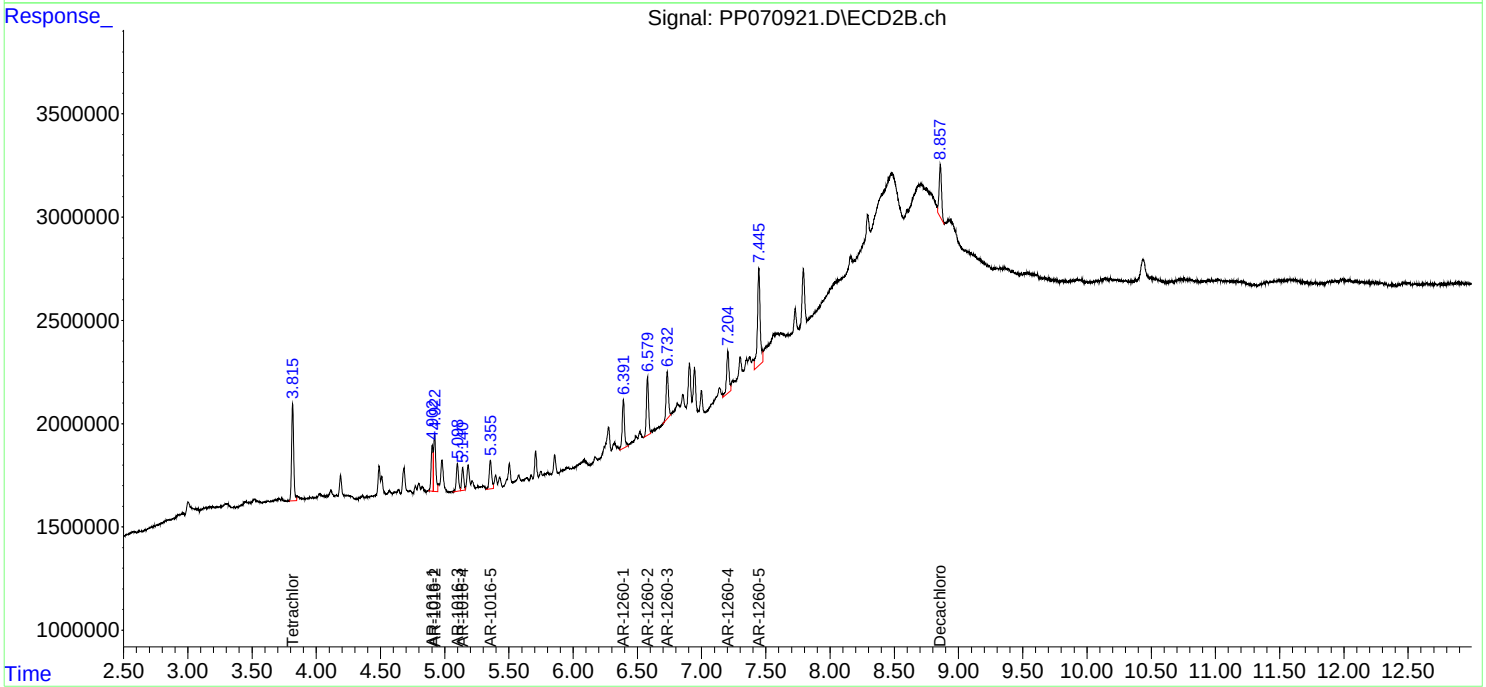
Manual Integrations APPROVED

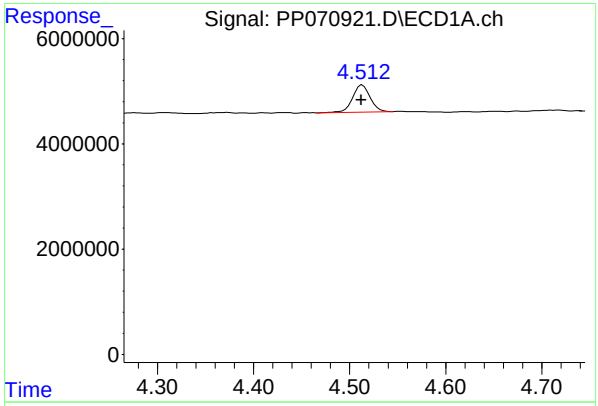
Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 12:09:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 11:40:16 2025
Response via : Initial Calibration
Integrator: ChemStation

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







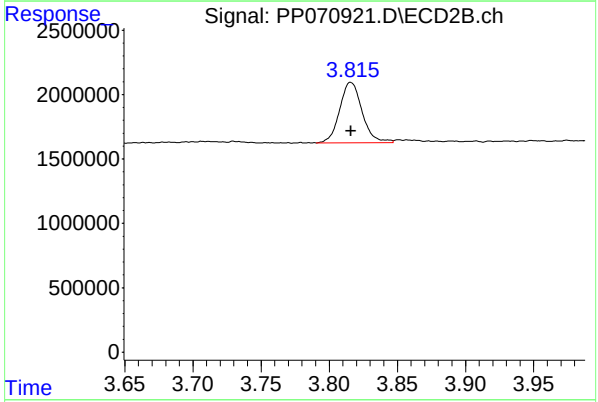
#1 Tetrachloro-m-xylene

R.T.: 4.513 min
Delta R.T.: 0.001 min
Response: 6533335
Conc: 4.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

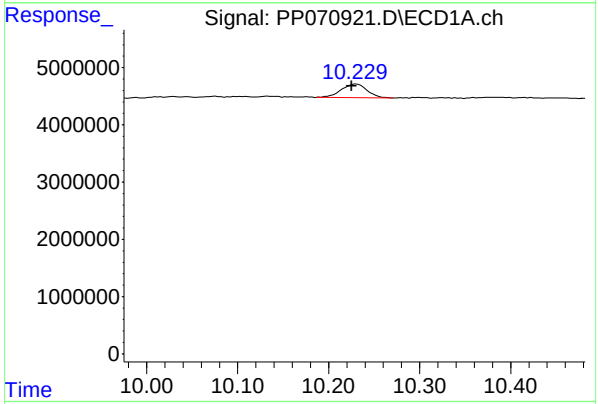
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



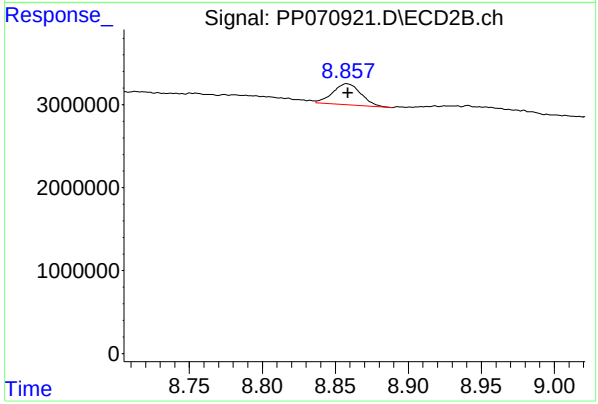
#1 Tetrachloro-m-xylene

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 5359624
Conc: 5.17 ng/ml



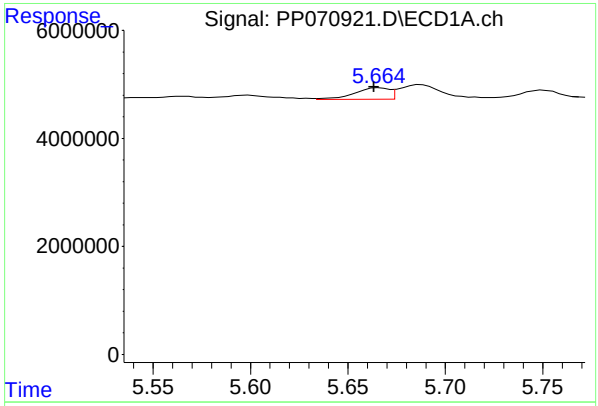
#2 Decachlorobiphenyl

R.T.: 10.230 min
Delta R.T.: 0.005 min
Response: 4733739
Conc: 4.24 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.858 min
Delta R.T.: 0.000 min
Response: 3413055
Conc: 3.95 ng/ml



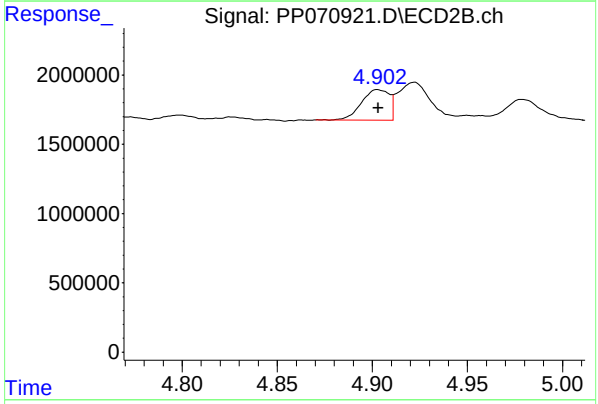
#3 AR-1016-1

R.T.: 5.666 min
Delta R.T.: 0.002 min
Response: 2617394
Conc: 51.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

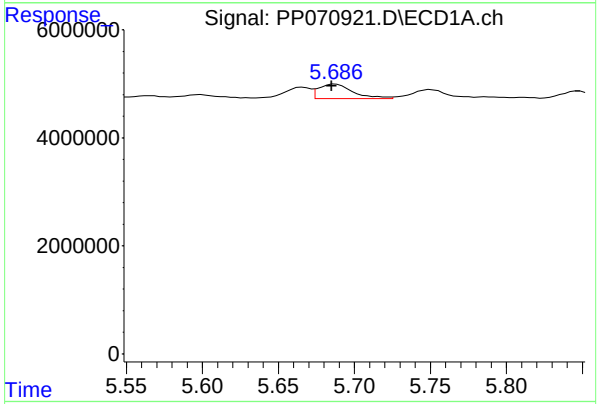
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



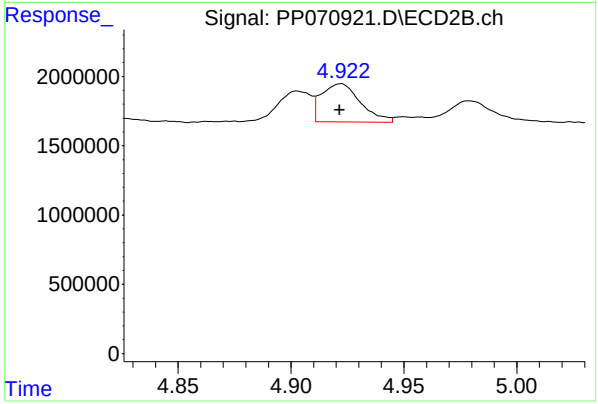
#3 AR-1016-1

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 2265971
Conc: 59.70 ng/ml



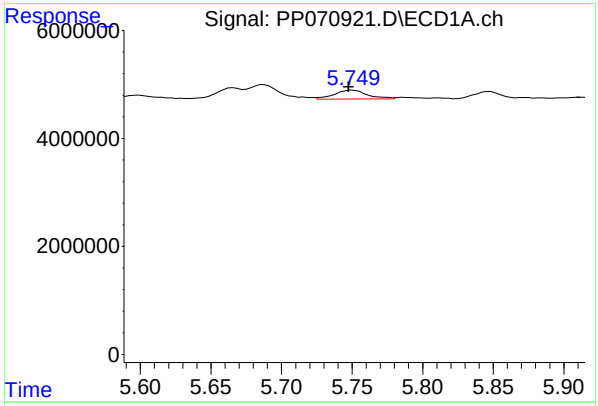
#4 AR-1016-2

R.T.: 5.688 min
Delta R.T.: 0.002 min
Response: 4198554
Conc: 53.27 ng/ml



#4 AR-1016-2

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 3321854
Conc: 61.09 ng/ml



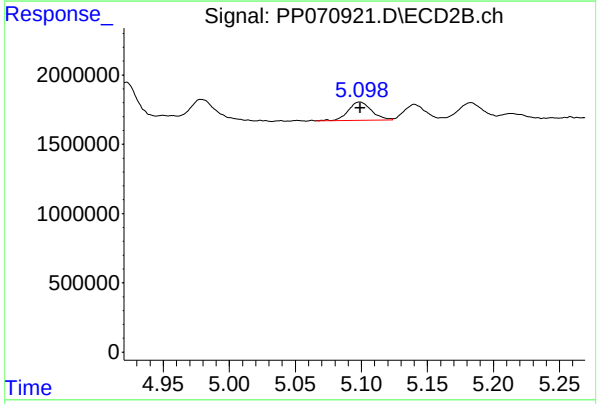
#5 AR-1016-3

R.T.: 5.751 min
Delta R.T.: 0.003 min
Response: 2631097
Conc: 56.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

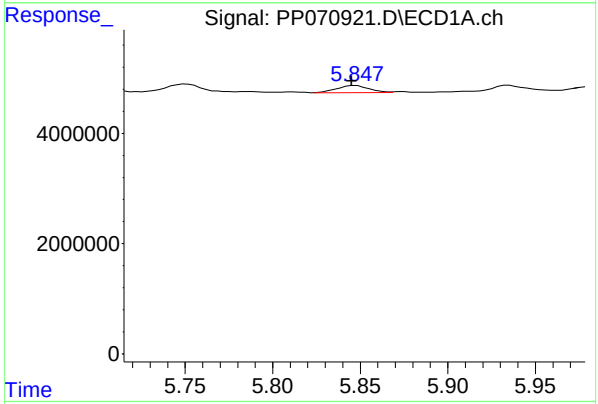
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



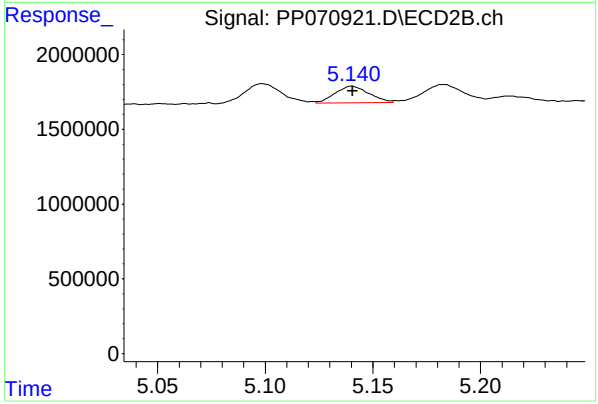
#5 AR-1016-3

R.T.: 5.099 min
Delta R.T.: 0.000 min
Response: 1626306
Conc: 54.48 ng/ml



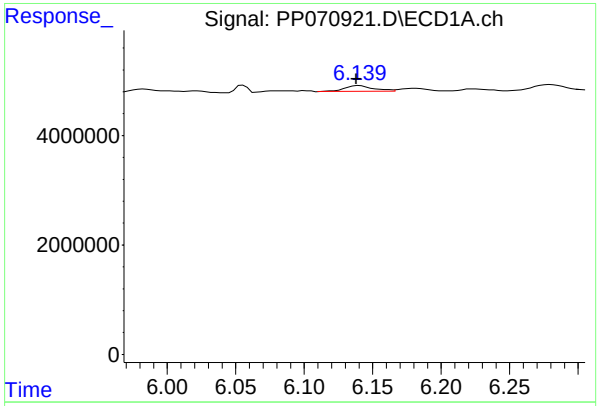
#6 AR-1016-4

R.T.: 5.848 min
Delta R.T.: 0.003 min
Response: 1614372
Conc: 41.38 ng/ml



#6 AR-1016-4

R.T.: 5.140 min
Delta R.T.: 0.000 min
Response: 1232754
Conc: 51.81 ng/ml



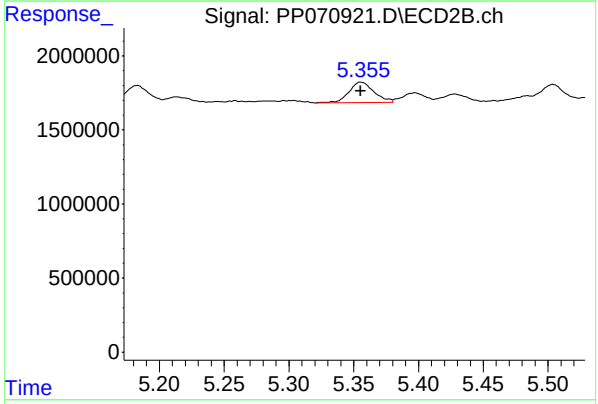
#7 AR-1016-5

R.T.: 6.139 min
Delta R.T.: 0.000 mi
Response: 1610860
Conc: 45.97 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

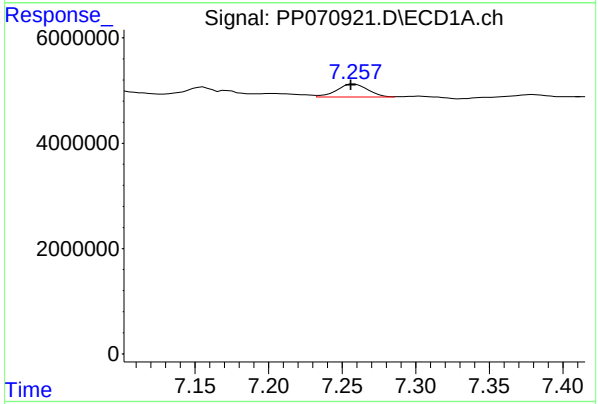
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



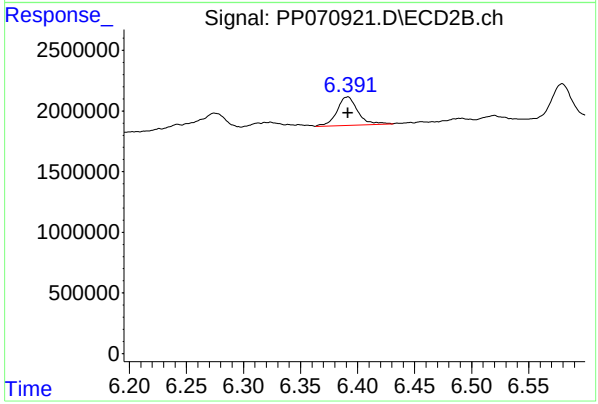
#7 AR-1016-5

R.T.: 5.356 min
Delta R.T.: 0.000 min
Response: 1866333
Conc: 61.89 ng/ml



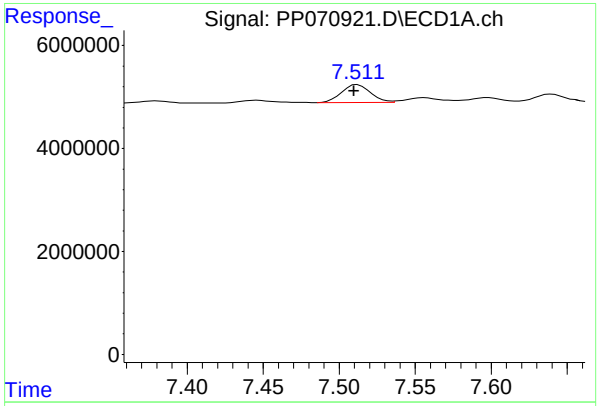
#31 AR-1260-1

R.T.: 7.257 min
Delta R.T.: 0.001 min
Response: 3667364
Conc: 54.88 ng/ml m



#31 AR-1260-1

R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 2989801
Conc: 61.98 ng/ml



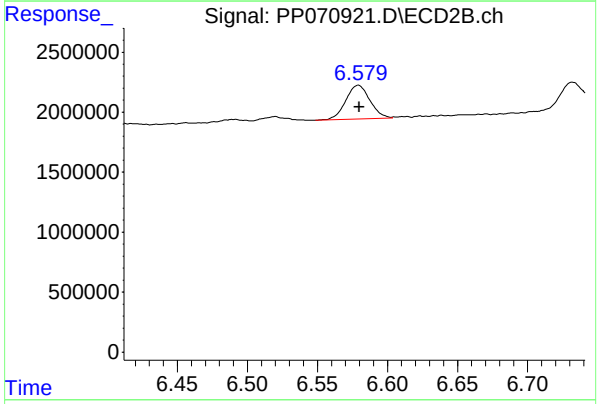
#32 AR-1260-2

R.T.: 7.512 min
Delta R.T.: 0.002 mi
Response: 4685539
Conc: 47.91 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

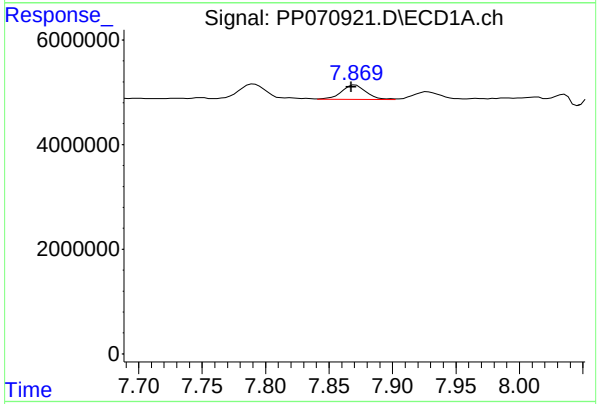
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



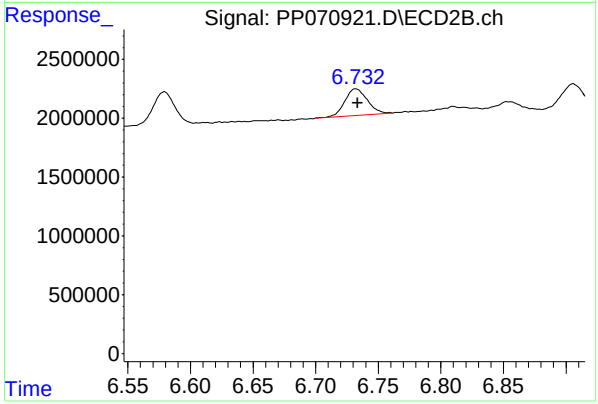
#32 AR-1260-2

R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 3357287
Conc: 53.37 ng/ml



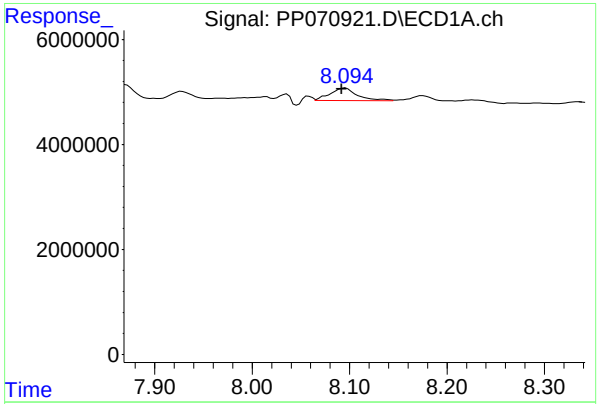
#33 AR-1260-3

R.T.: 7.869 min
Delta R.T.: 0.002 min
Response: 3780088
Conc: 45.56 ng/ml m



#33 AR-1260-3

R.T.: 6.732 min
Delta R.T.: -0.001 min
Response: 2827385
Conc: 52.44 ng/ml



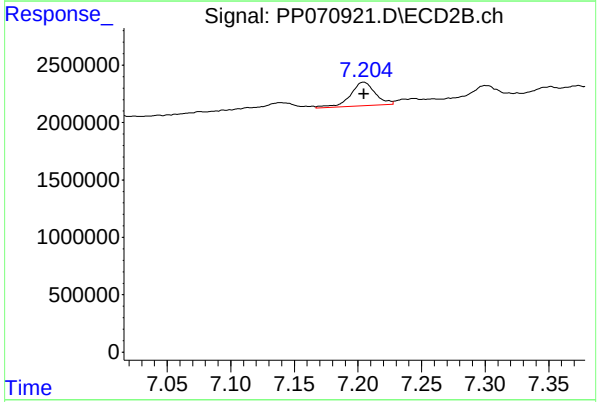
#34 AR-1260-4

R.T.: 8.094 min
Delta R.T.: 0.002 mi
Response: 4593822
Conc: 56.40 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

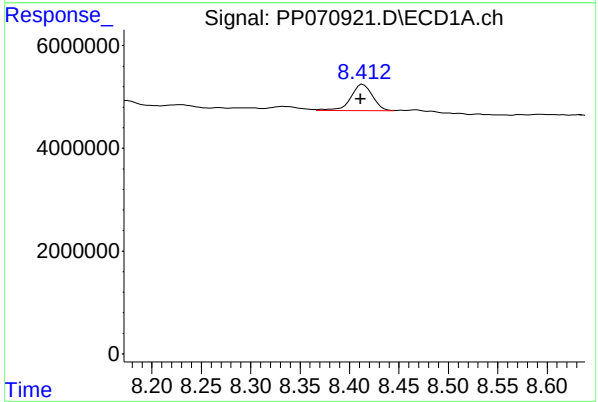
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



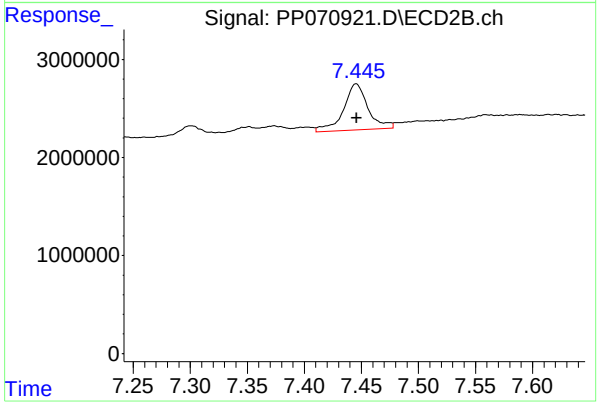
#34 AR-1260-4

R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 2746307
Conc: 57.83 ng/ml



#35 AR-1260-5

R.T.: 8.412 min
Delta R.T.: 0.000 min
Response: 7845589
Conc: 49.05 ng/ml m



#35 AR-1260-5

R.T.: 7.445 min
Delta R.T.: 0.000 min
Response: 7013440
Conc: 55.97 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070922.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 11:52
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 12:33:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 12:32:55 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...	4.515	3.817	75324924	52315210	50.000	50.000
2)	SA Decachlor...	10.229	8.859	52098024	39006992	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	4.716	4.027	8676827	7621792	500.000	500.000
9)	L2 AR-1221-2	4.802	4.114	6476464	5718144	500.000	500.000
10)	L2 AR-1221-3	4.878	4.190	20858618	17044480	500.000	500.000

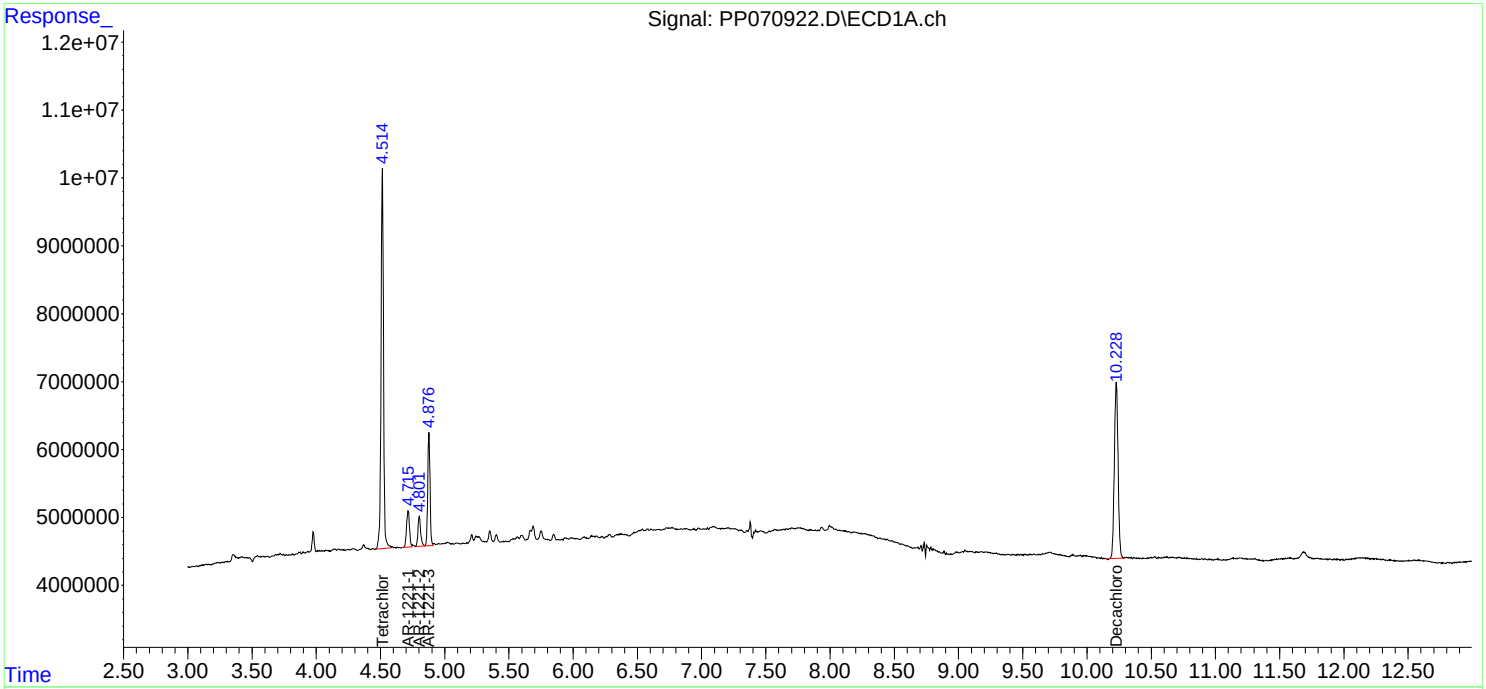
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

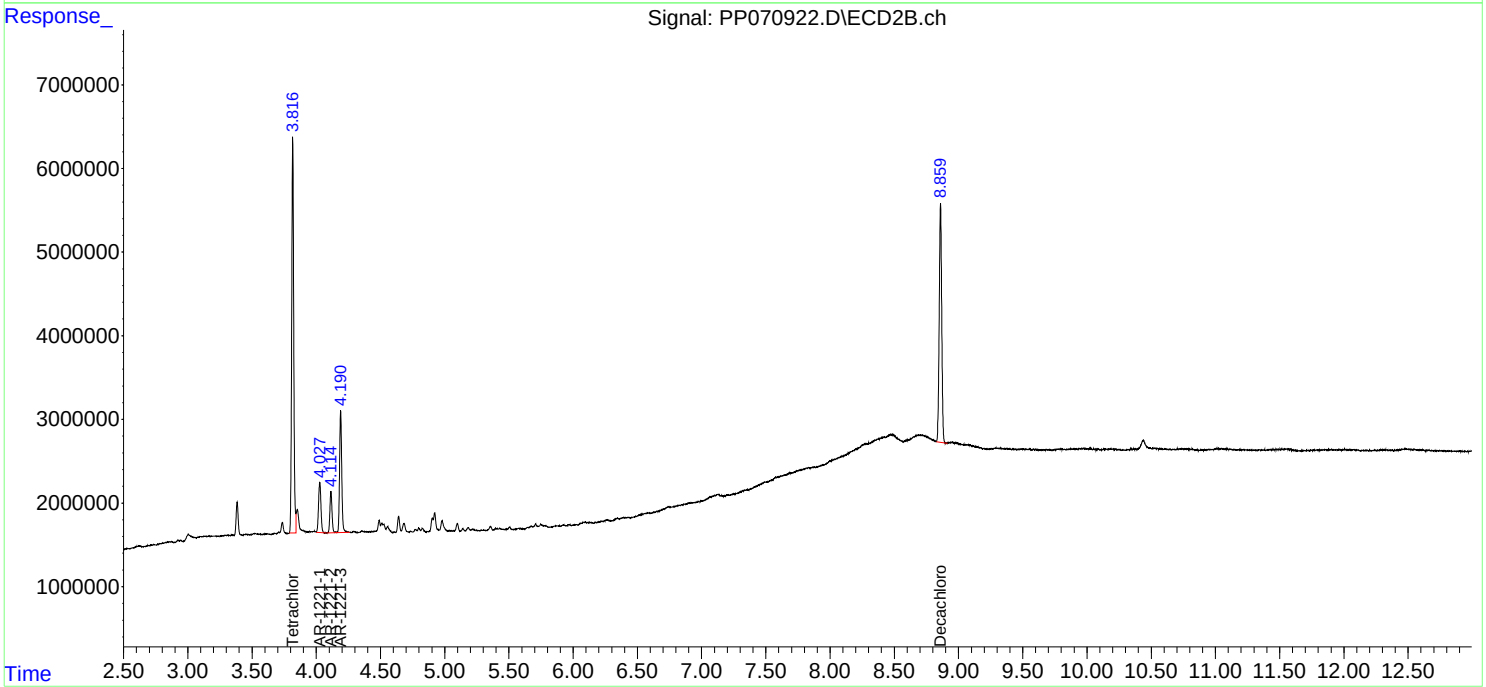
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070922.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 11:52
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

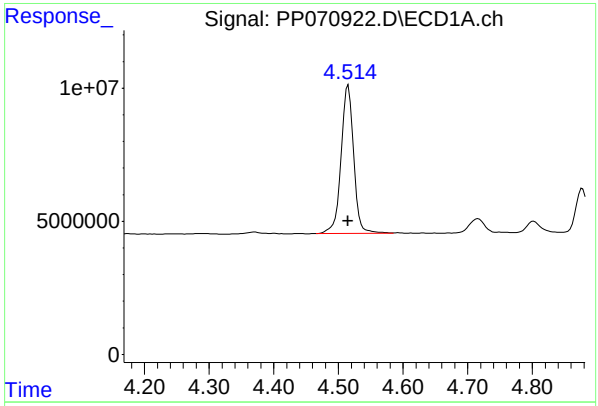
Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 12:33:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 12:32:55 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



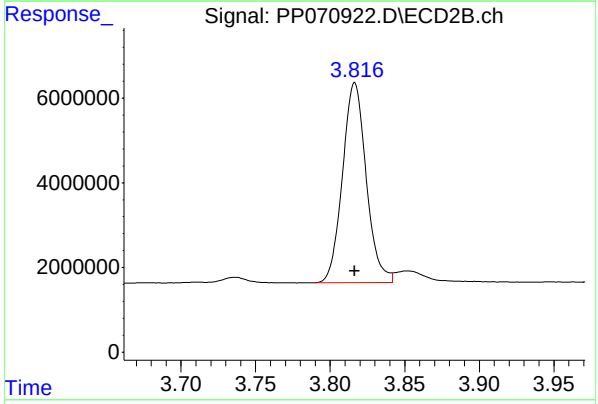




#1 Tetrachloro-m-xylene

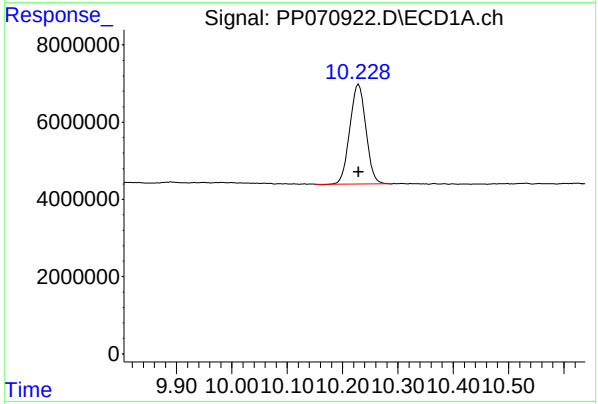
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 75324924
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



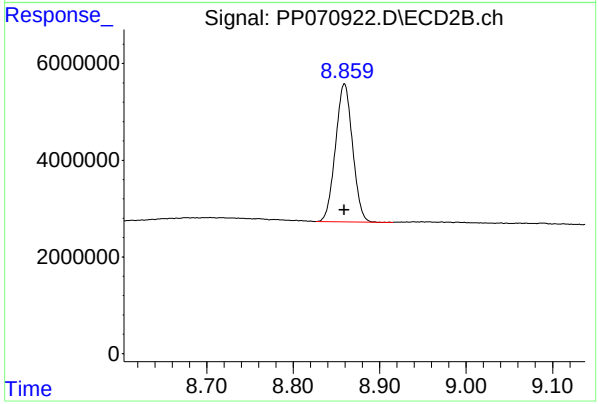
#1 Tetrachloro-m-xylene

R.T.: 3.817 min
Delta R.T.: 0.000 min
Response: 52315210
Conc: 50.00 ng/ml



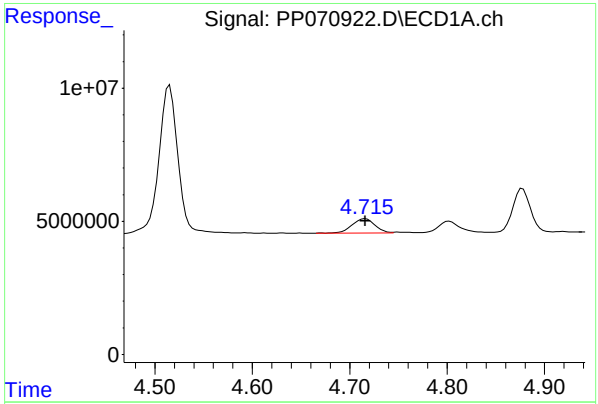
#2 Decachlorobiphenyl

R.T.: 10.229 min
Delta R.T.: 0.000 min
Response: 52098024
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

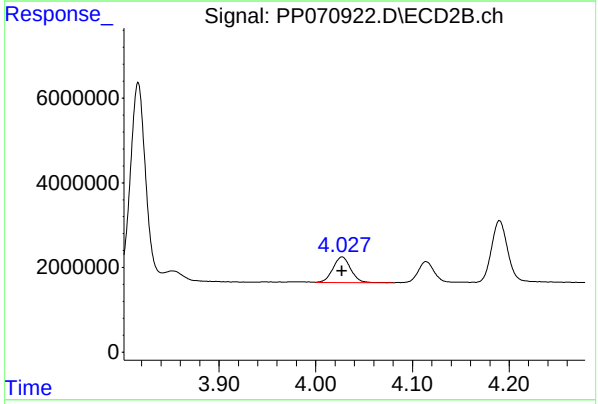
R.T.: 8.859 min
Delta R.T.: 0.000 min
Response: 39006992
Conc: 50.00 ng/ml



#8 AR-1221-1

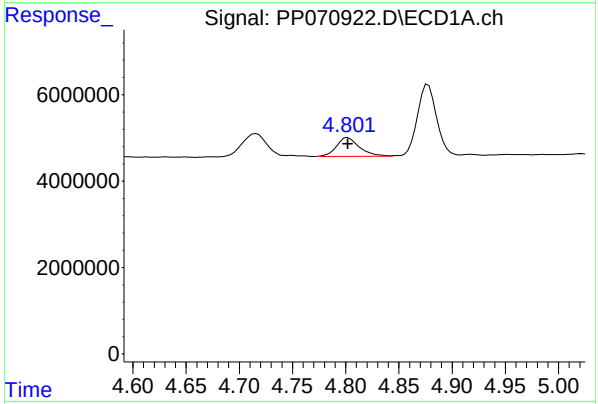
R.T.: 4.716 min
Delta R.T.: 0.000 min
Response: 8676827
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



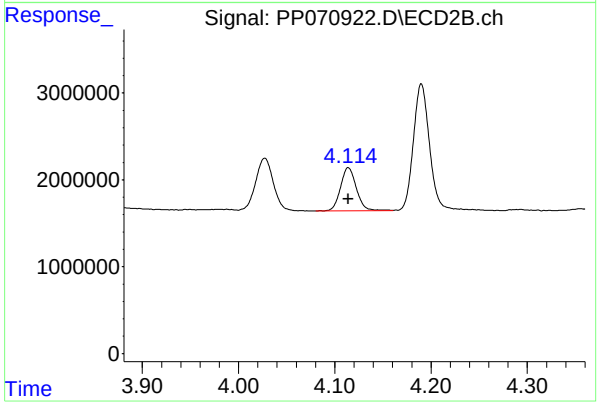
#8 AR-1221-1

R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 7621792
Conc: 500.00 ng/ml



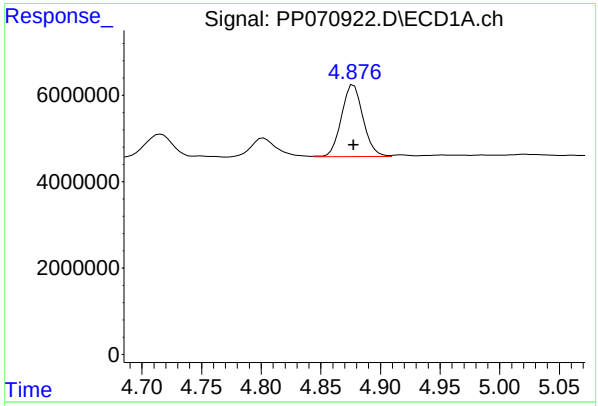
#9 AR-1221-2

R.T.: 4.802 min
Delta R.T.: 0.000 min
Response: 6476464
Conc: 500.00 ng/ml



#9 AR-1221-2

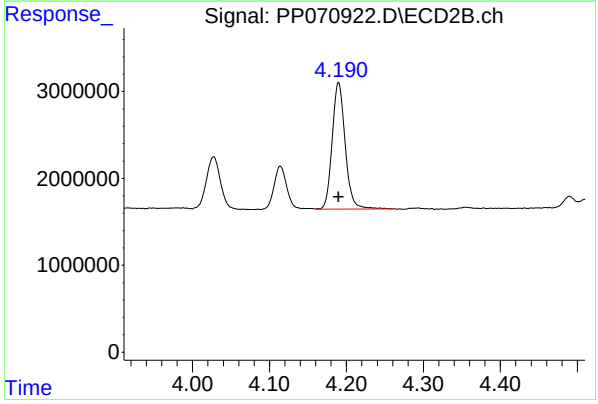
R.T.: 4.114 min
Delta R.T.: 0.000 min
Response: 5718144
Conc: 500.00 ng/ml



#10 AR-1221-3

R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 20858618
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



#10 AR-1221-3

R.T.: 4.190 min
Delta R.T.: 0.000 min
Response: 17044480
Conc: 500.00 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070923.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 12:11
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 12:39:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 12:38:20 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.520	3.817	74435949	51438566	50.000	50.000
2)	SA Decachlor...	10.234	8.860	46115316	40517792	51.013m	50.000
	Target Compounds						
11)	L3 AR-1232-1	4.883	4.191	16644355	13993352	500.000	500.000
12)	L3 AR-1232-2	5.408	4.923	7955169	14030567	500.000	500.000
13)	L3 AR-1232-3	5.694	5.100	17135200	7444793	500.000	500.000
14)	L3 AR-1232-4	5.854	5.185	7853790	6402183	500.000	500.000
15)	L3 AR-1232-5	5.943	5.357	5320177	7087391	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\PP032725\
Data File : PP070923.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 12:11
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

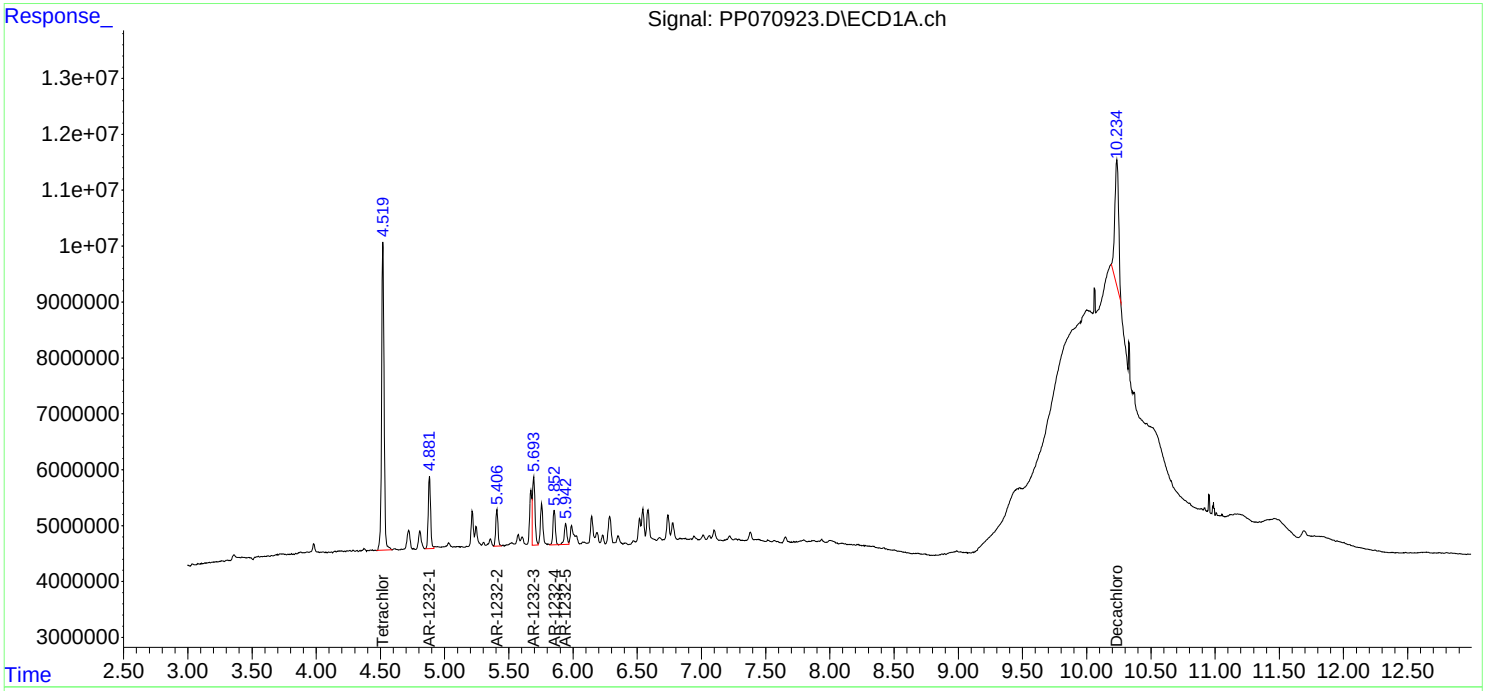
Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

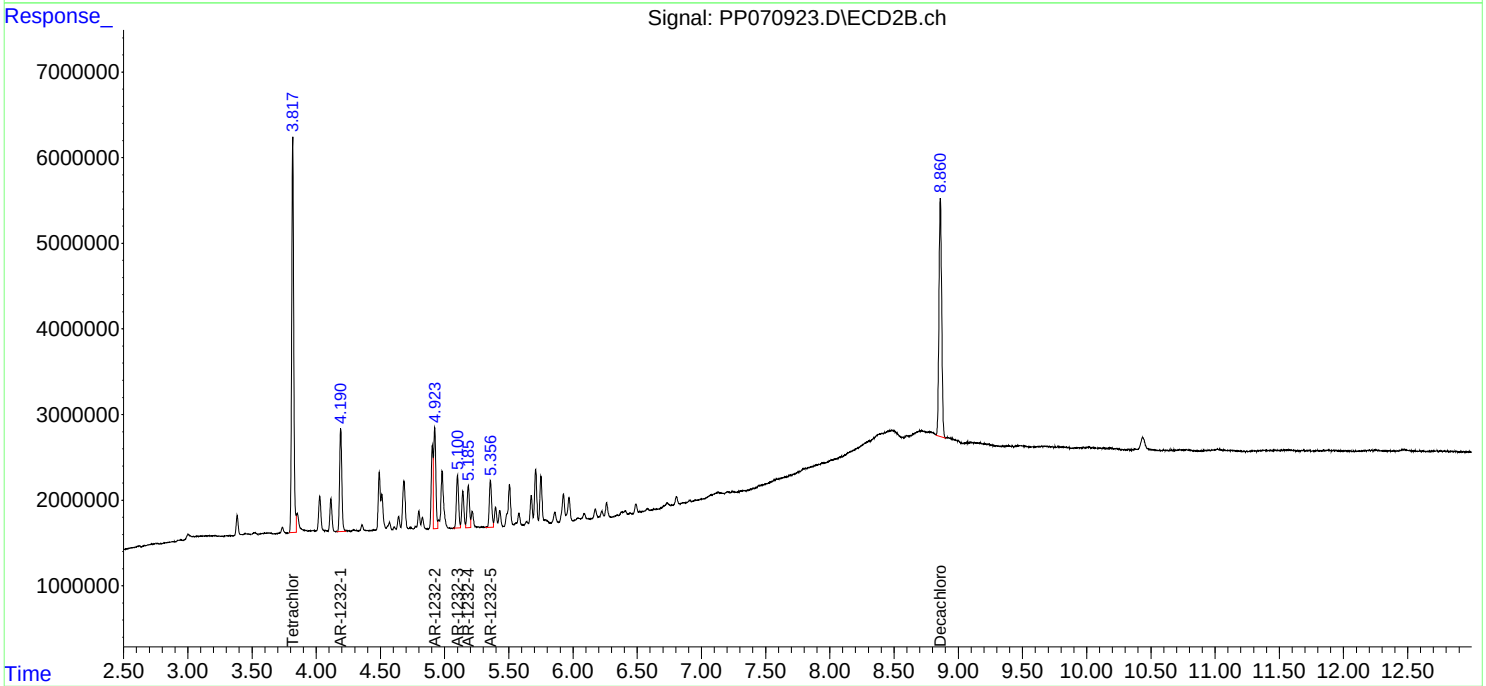
Manual Integrations APPROVED

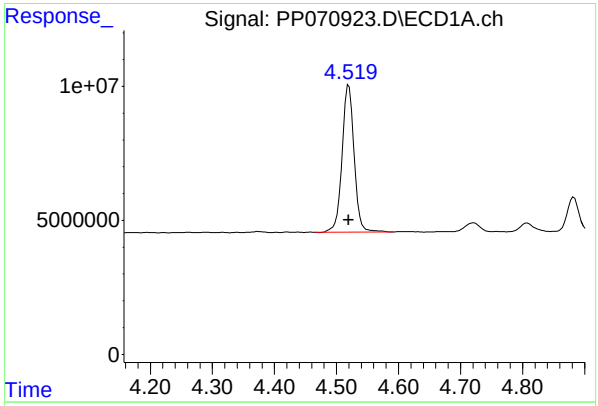
Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 12:39:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 12:38:20 2025
Response via : Initial Calibration
Integrator: ChemStation

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







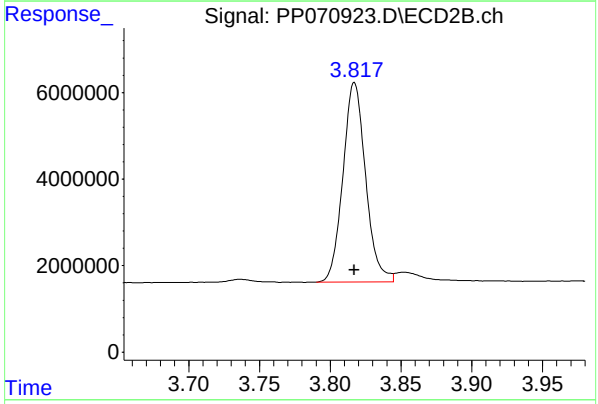
#1 Tetrachloro-m-xylene

R.T.: 4.520 min
Delta R.T.: 0.000 mi
Response: 74435949
Conc: 50.00 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

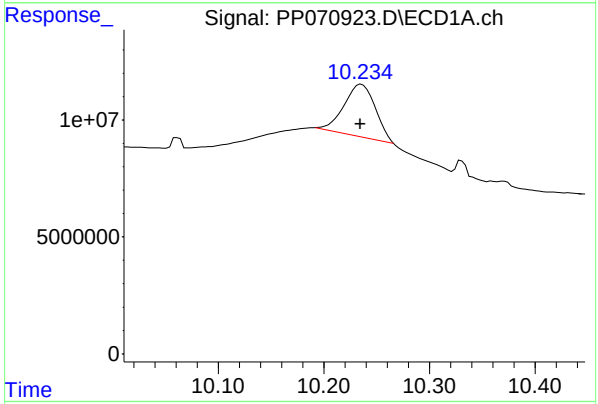
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



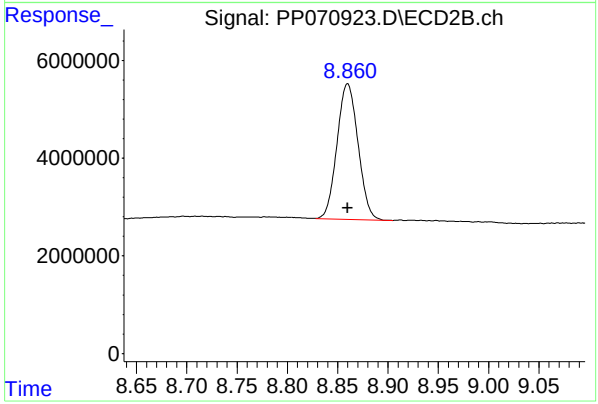
#1 Tetrachloro-m-xylene

R.T.: 3.817 min
Delta R.T.: 0.000 min
Response: 51438566
Conc: 50.00 ng/ml



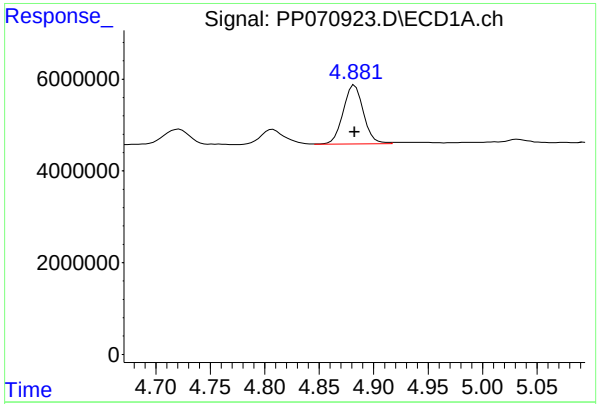
#2 Decachlorobiphenyl

R.T.: 10.234 min
Delta R.T.: 0.000 min
Response: 46115316
Conc: 51.01 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.860 min
Delta R.T.: 0.000 min
Response: 40517792
Conc: 50.00 ng/ml



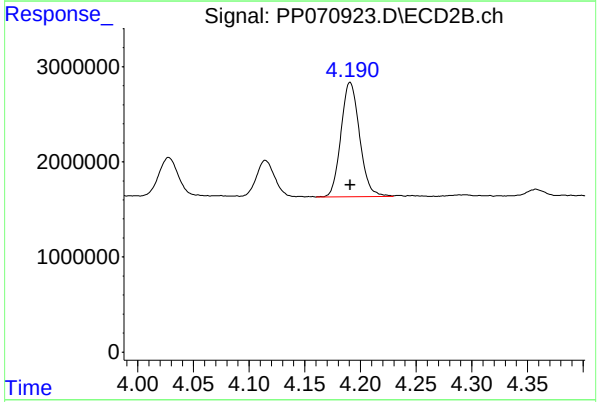
#11 AR-1232-1

R.T.: 4.883 min
Delta R.T.: 0.000 min
Response: 16644355
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

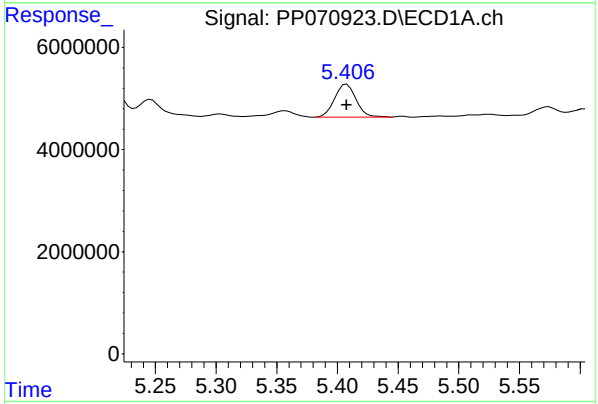
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



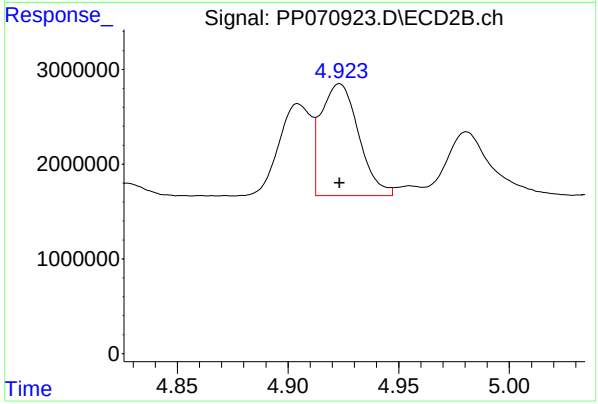
#11 AR-1232-1

R.T.: 4.191 min
Delta R.T.: 0.000 min
Response: 13993352
Conc: 500.00 ng/ml



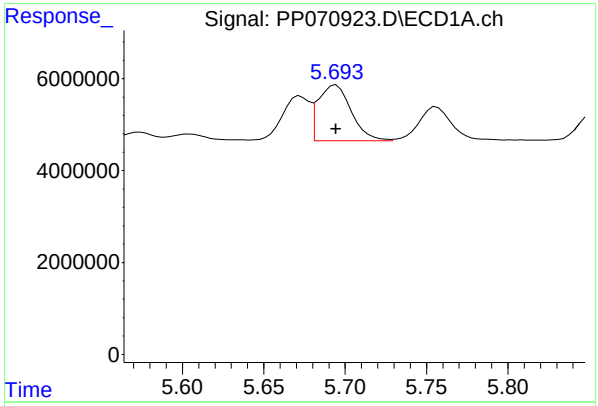
#12 AR-1232-2

R.T.: 5.408 min
Delta R.T.: 0.000 min
Response: 7955169
Conc: 500.00 ng/ml



#12 AR-1232-2

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 14030567
Conc: 500.00 ng/ml



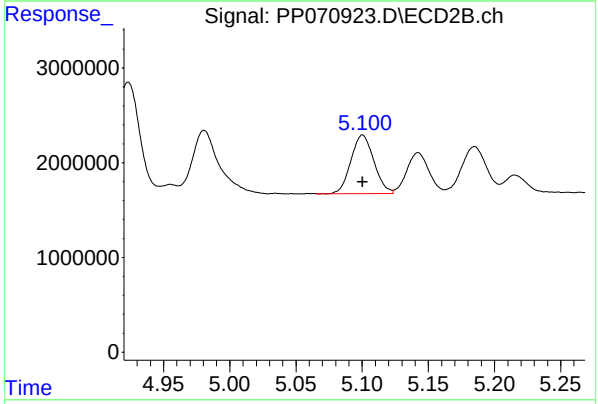
#13 AR-1232-3

R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 17135200
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

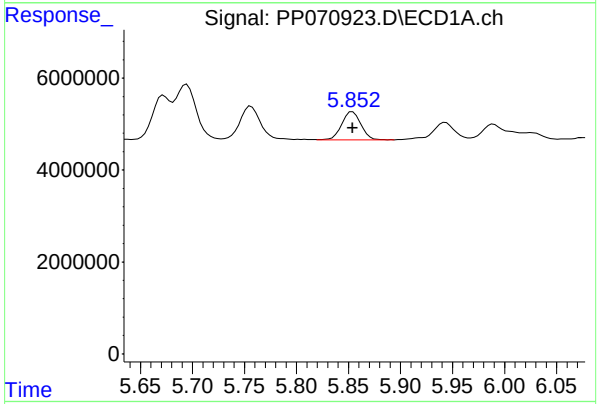
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



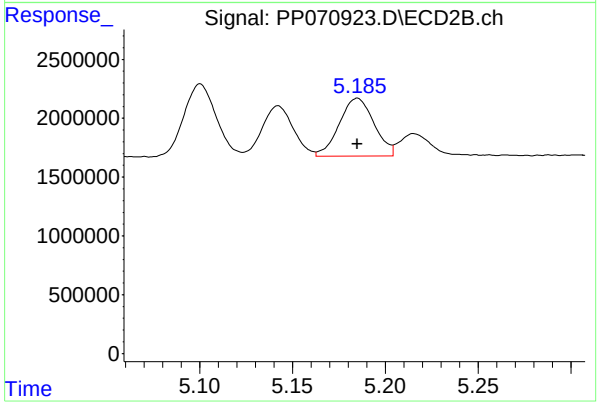
#13 AR-1232-3

R.T.: 5.100 min
Delta R.T.: 0.000 min
Response: 7444793
Conc: 500.00 ng/ml



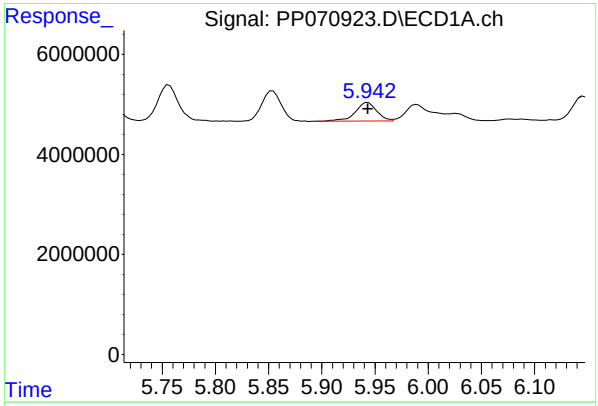
#14 AR-1232-4

R.T.: 5.854 min
Delta R.T.: 0.000 min
Response: 7853790
Conc: 500.00 ng/ml



#14 AR-1232-4

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 6402183
Conc: 500.00 ng/ml



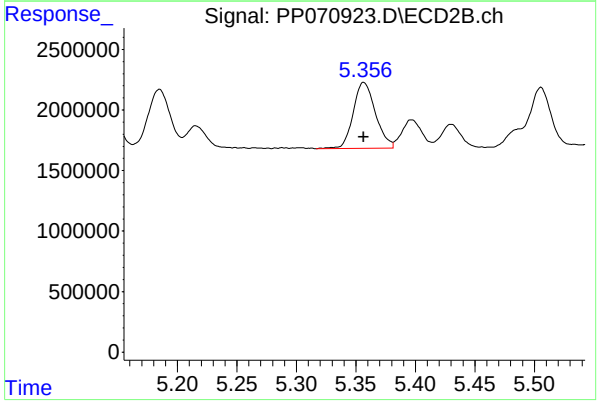
#15 AR-1232-5

R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 5320177
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



#15 AR-1232-5

R.T.: 5.357 min
Delta R.T.: 0.000 min
Response: 7087391
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070924.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 12:28
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: Mar 27 13:28:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 13:24:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.513	3.816	144.4E6	99447440	93.922	88.806
2)	SA Decachlor...	10.227	8.858	103.6E6	79468601	93.673	102.468
	Target Compounds						
16)	L4 AR-1242-1	5.666	4.903	40990074	30391529	943.761	877.115
17)	L4 AR-1242-2	5.687	4.922	64704598	43879042	965.382	887.614
18)	L4 AR-1242-3	5.749	5.099	39349869	24103124	991.106	905.487
19)	L4 AR-1242-4	5.846	5.183	30814559	23086538	954.688	902.469
20)	L4 AR-1242-5	6.577	5.707	36006298	28647762	964.427	907.760

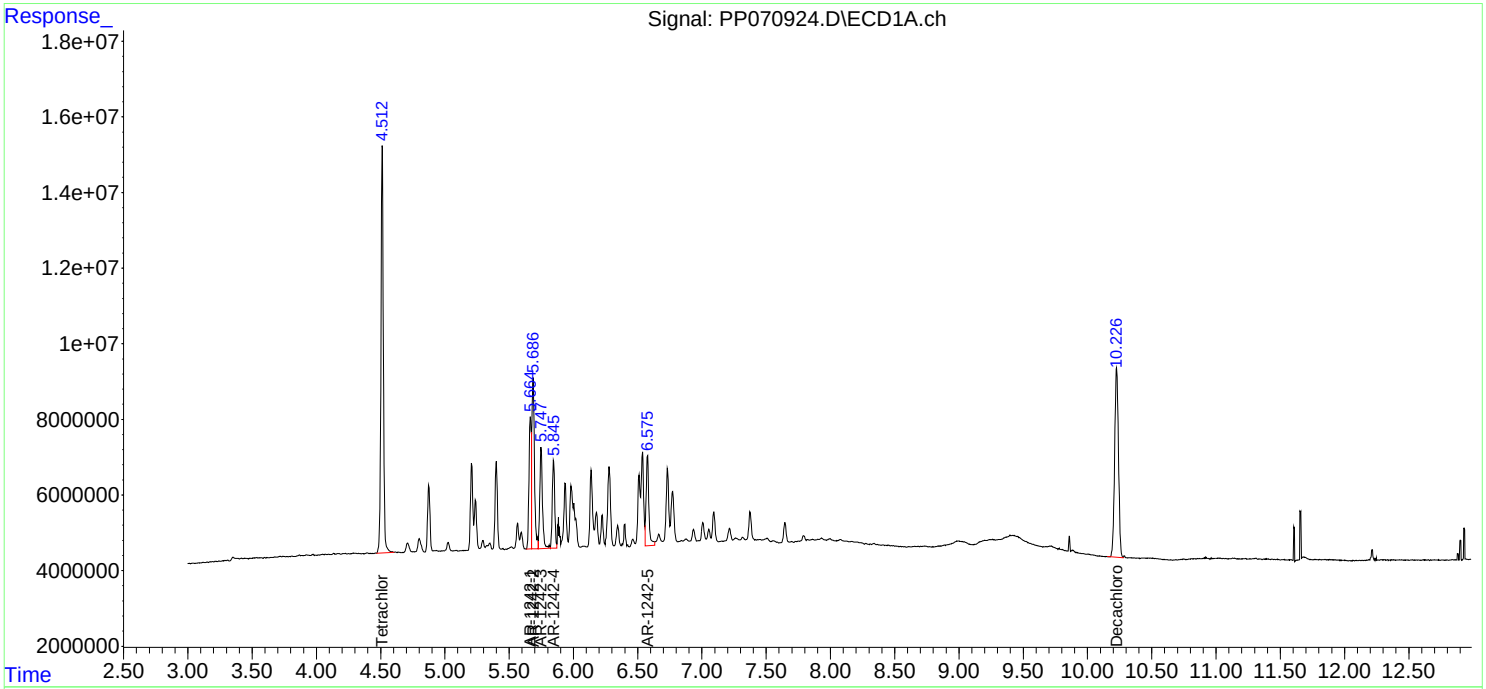
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

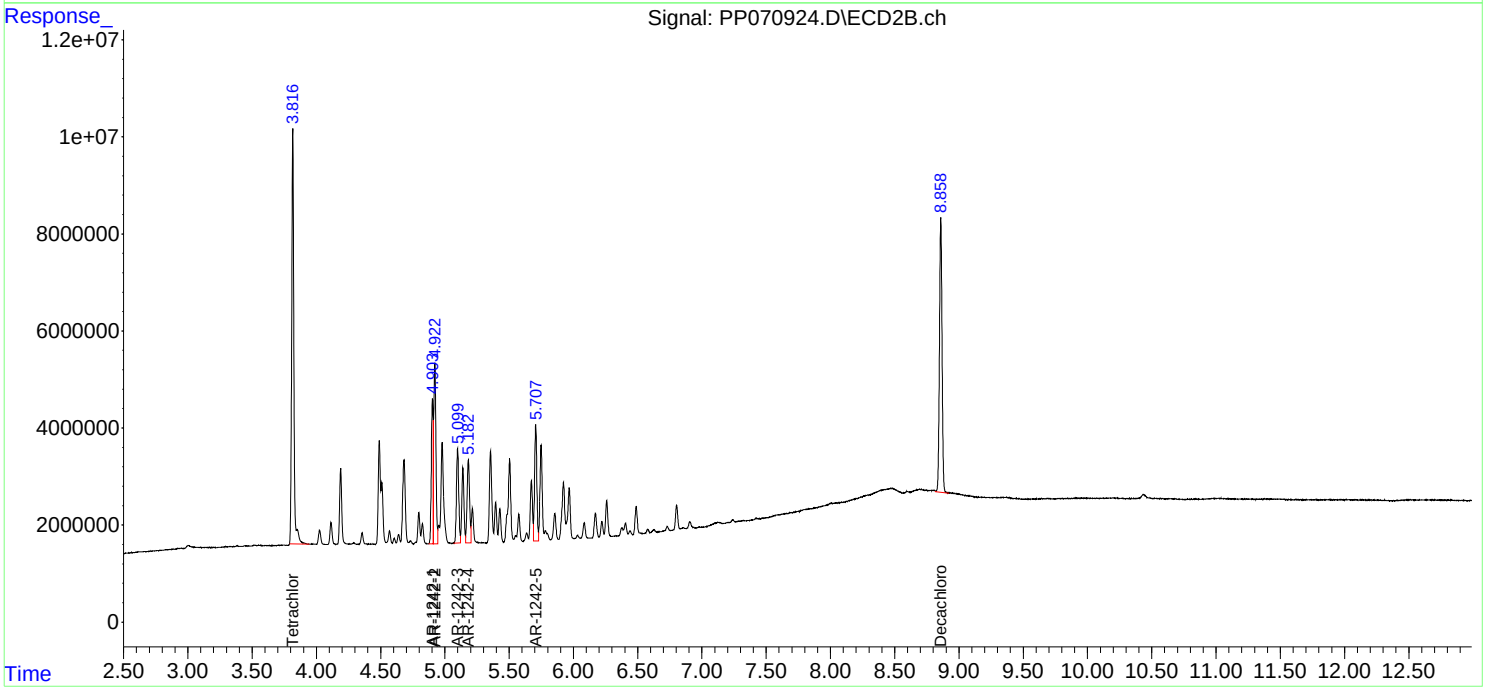
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070924.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 12:28
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

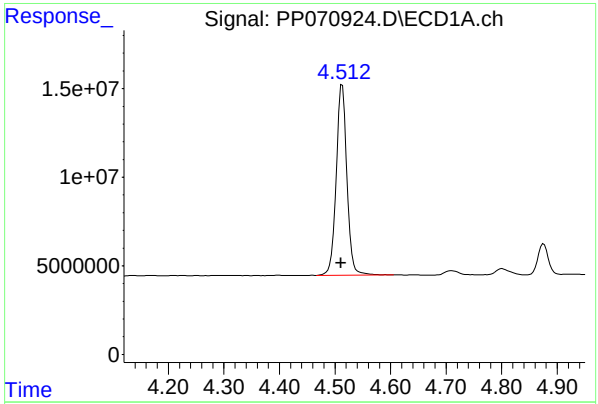
Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 13:28:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 13:24:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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



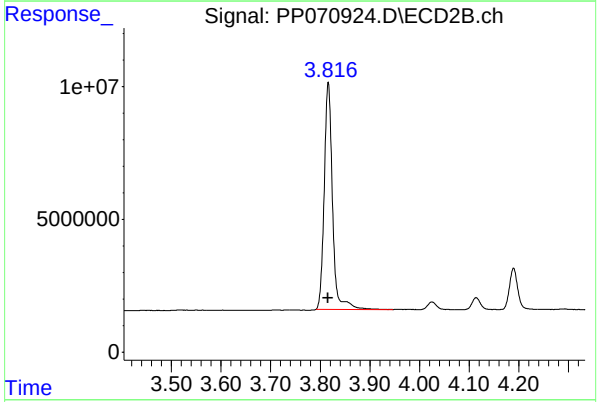




#1 Tetrachloro-m-xylene

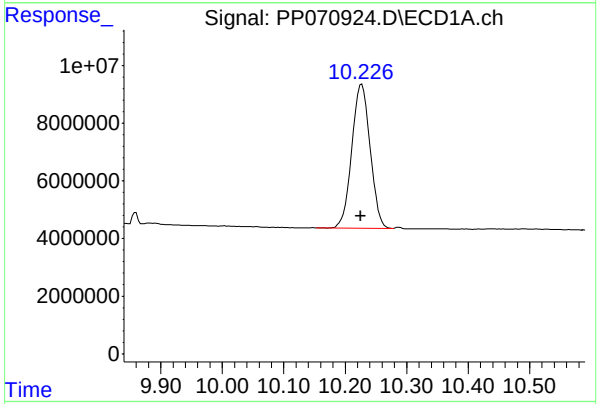
R.T.: 4.513 min
Delta R.T.: 0.002 min
Response: 144394733
Conc: 93.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



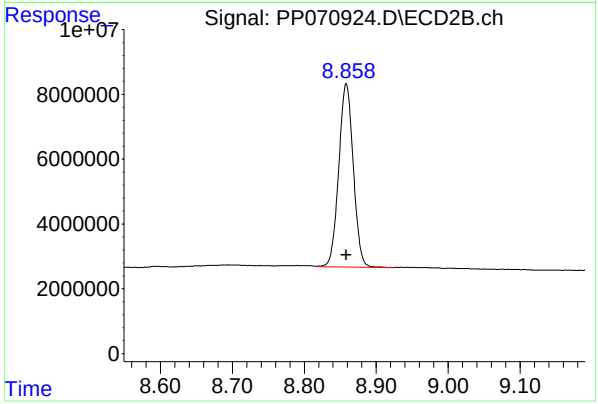
#1 Tetrachloro-m-xylene

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 99447440
Conc: 88.81 ng/ml



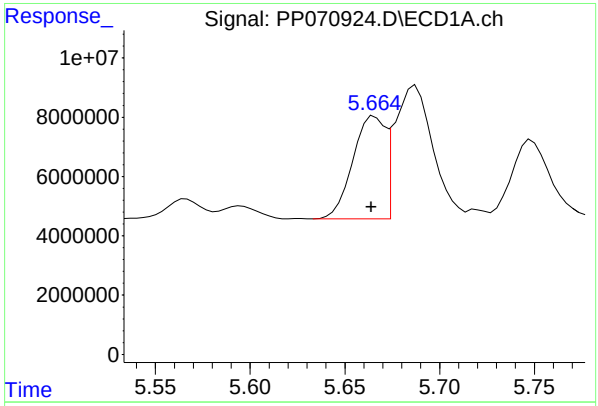
#2 Decachlorobiphenyl

R.T.: 10.227 min
Delta R.T.: 0.002 min
Response: 103629813
Conc: 93.67 ng/ml



#2 Decachlorobiphenyl

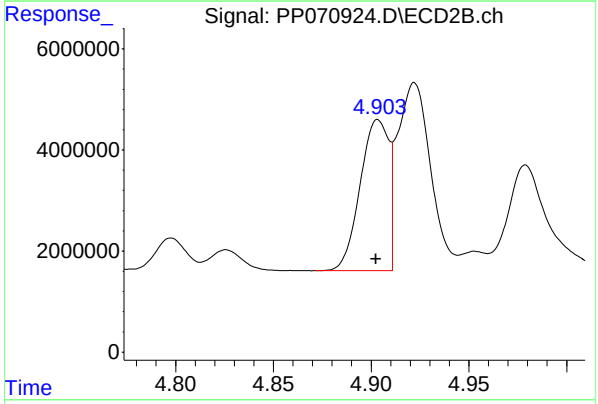
R.T.: 8.858 min
Delta R.T.: 0.000 min
Response: 79468601
Conc: 102.47 ng/ml



#16 AR-1242-1

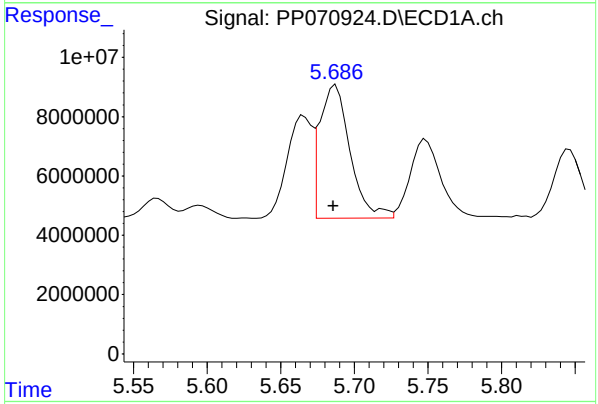
R.T.: 5.666 min
Delta R.T.: 0.002 min
Response: 40990074
Conc: 943.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



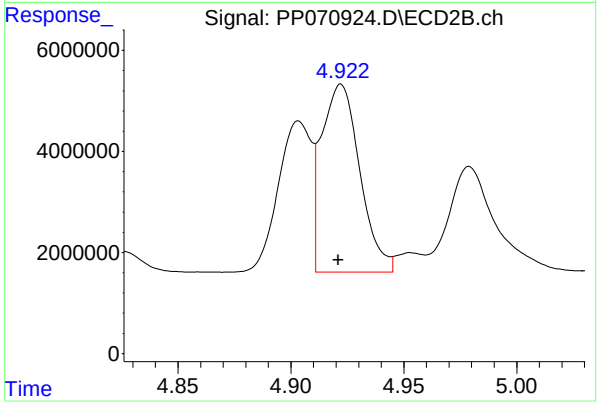
#16 AR-1242-1

R.T.: 4.903 min
Delta R.T.: 0.001 min
Response: 30391529
Conc: 877.12 ng/ml



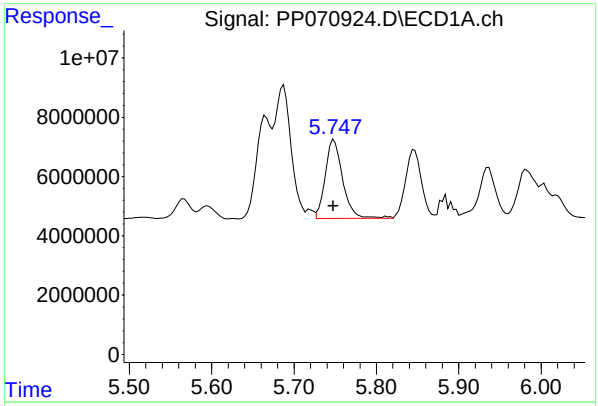
#17 AR-1242-2

R.T.: 5.687 min
Delta R.T.: 0.002 min
Response: 64704598
Conc: 965.38 ng/ml



#17 AR-1242-2

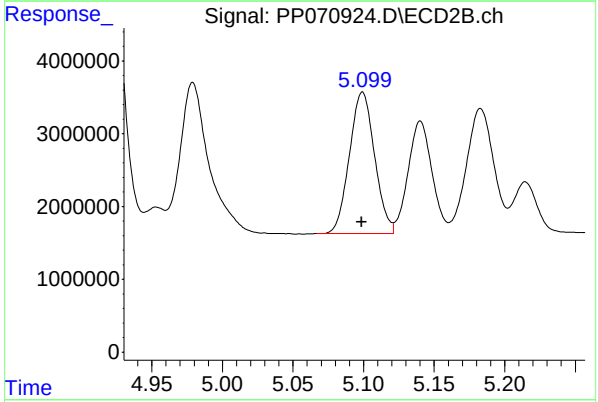
R.T.: 4.922 min
Delta R.T.: 0.001 min
Response: 43879042
Conc: 887.61 ng/ml



#18 AR-1242-3

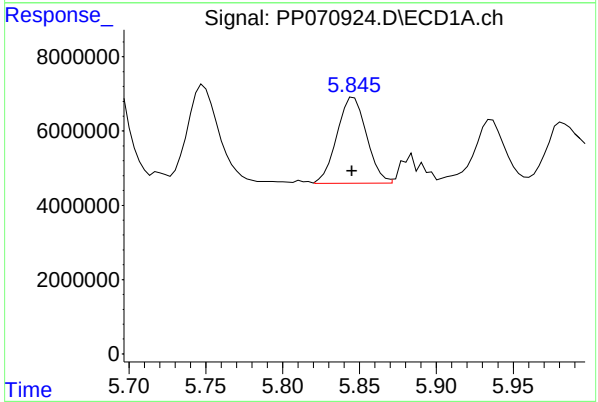
R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 39349869
Conc: 991.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



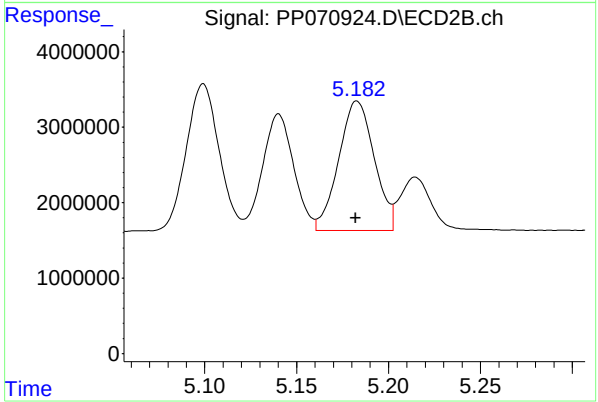
#18 AR-1242-3

R.T.: 5.099 min
Delta R.T.: 0.000 min
Response: 24103124
Conc: 905.49 ng/ml



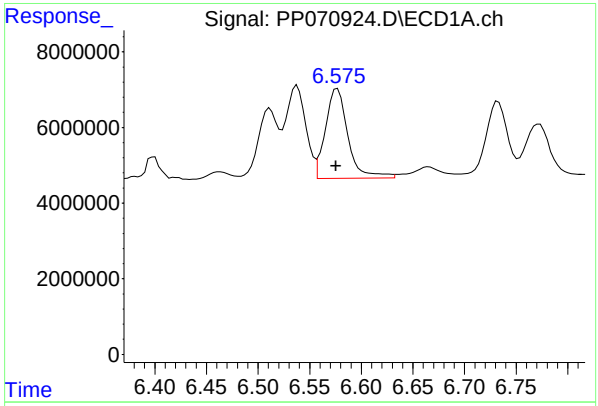
#19 AR-1242-4

R.T.: 5.846 min
Delta R.T.: 0.001 min
Response: 30814559
Conc: 954.69 ng/ml



#19 AR-1242-4

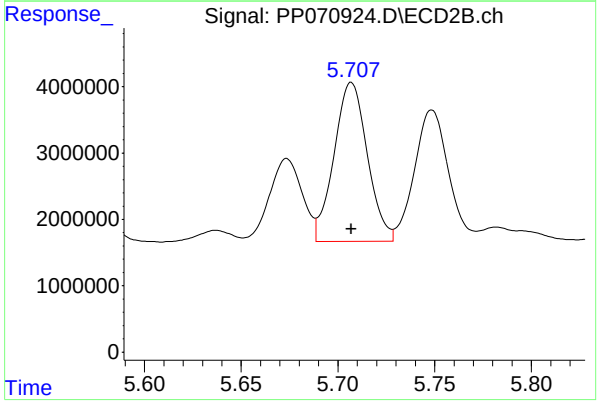
R.T.: 5.183 min
Delta R.T.: 0.000 min
Response: 23086538
Conc: 902.47 ng/ml



#20 AR-1242-5

R.T.: 6.577 min
Delta R.T.: 0.001 min
Response: 36006298
Conc: 964.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



#20 AR-1242-5

R.T.: 5.707 min
Delta R.T.: 0.000 min
Response: 28647762
Conc: 907.76 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070925.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 12:44
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: Mar 27 13:28:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 13:24:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.513	3.816	113.1E6	76564298	73.554	68.372
2)	SA Decachlor...	10.229	8.859	79761677	58459899	72.098	75.379
	Target Compounds						
16)	L4 AR-1242-1	5.666	4.903	32059711	23829543	738.147	687.733
17)	L4 AR-1242-2	5.687	4.921	47897203	33806804	714.618	683.867
18)	L4 AR-1242-3	5.750	5.099	28536378	18473047	718.747	693.981
19)	L4 AR-1242-4	5.847	5.183	23599640	17369419	731.158	678.983
20)	L4 AR-1242-5	6.577	5.707	26235924	21926365	702.728	694.780

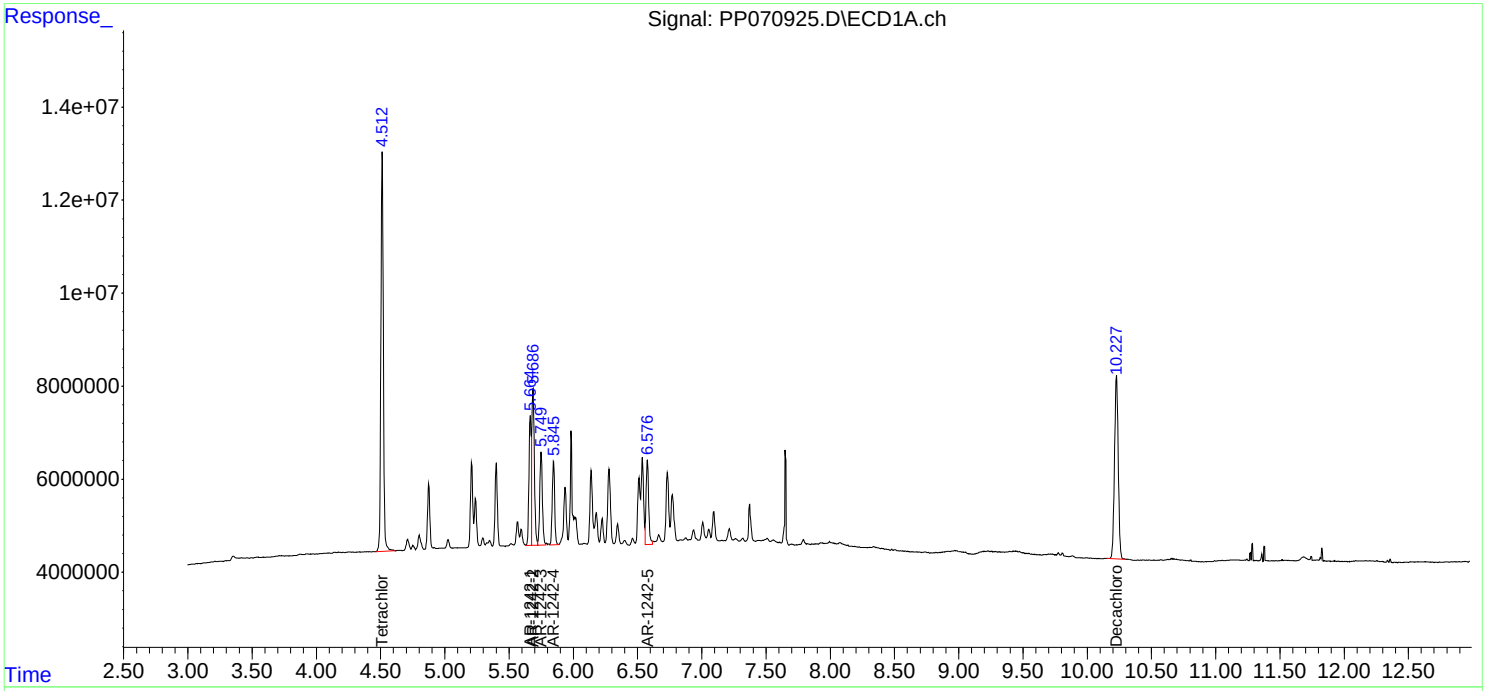
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

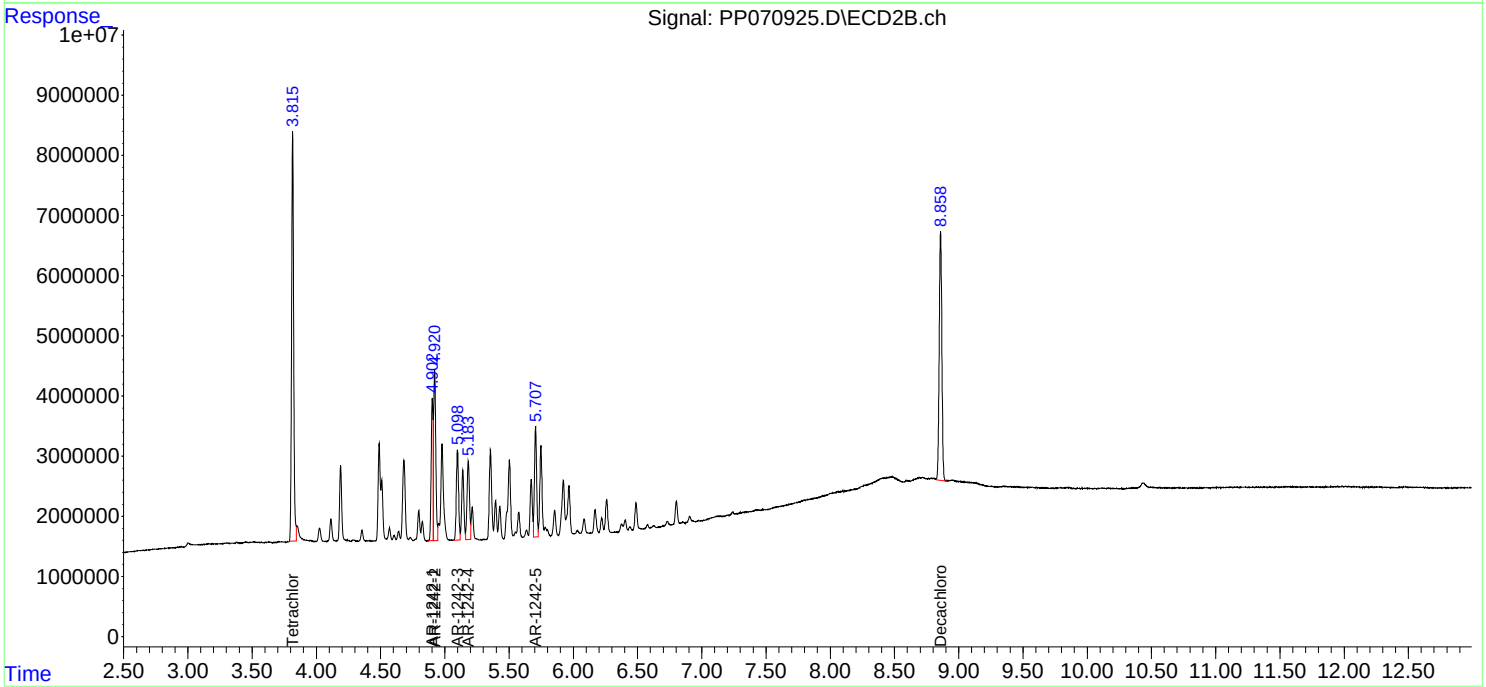
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070925.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 12:44
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

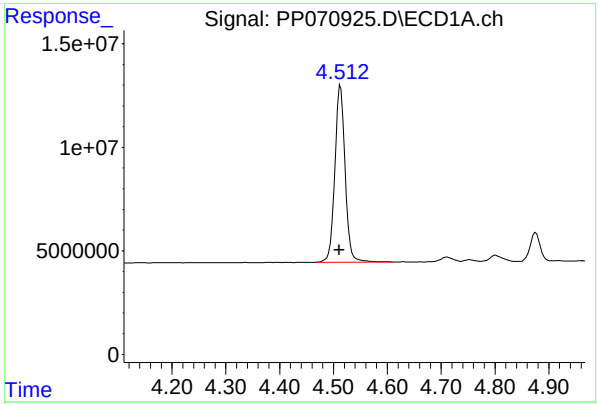
Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 13:28:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 13:24:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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



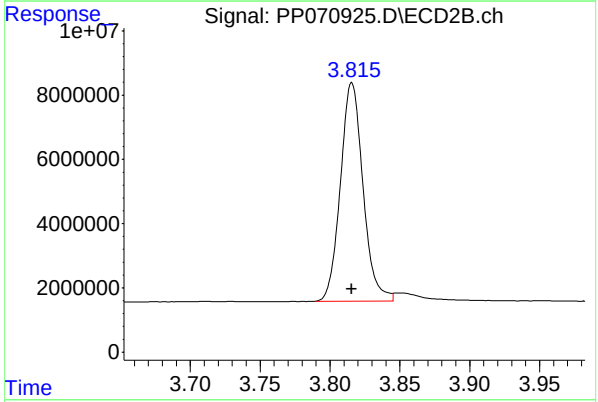




#1 Tetrachloro-m-xylene

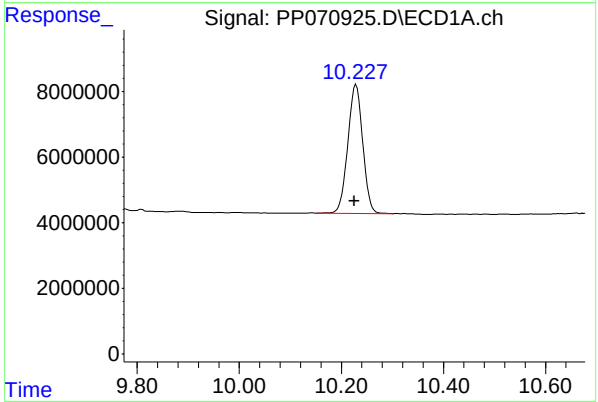
R.T.: 4.513 min
Delta R.T.: 0.002 min
Response: 113081073
Conc: 73.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



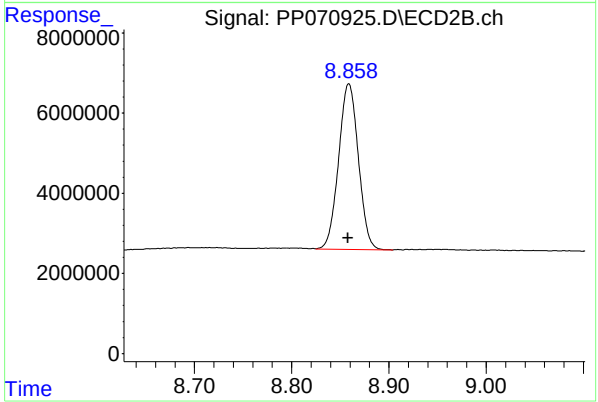
#1 Tetrachloro-m-xylene

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 76564298
Conc: 68.37 ng/ml



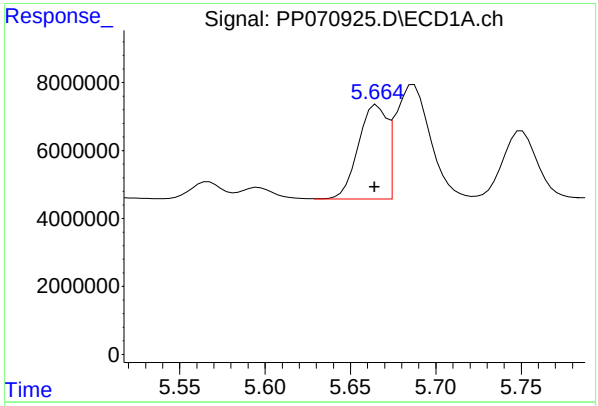
#2 Decachlorobiphenyl

R.T.: 10.229 min
Delta R.T.: 0.003 min
Response: 79761677
Conc: 72.10 ng/ml



#2 Decachlorobiphenyl

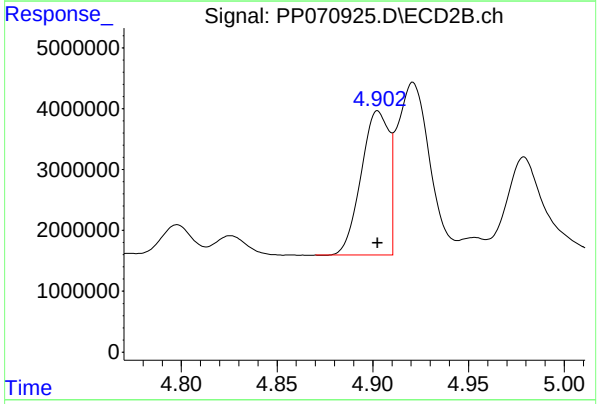
R.T.: 8.859 min
Delta R.T.: 0.000 min
Response: 58459899
Conc: 75.38 ng/ml



#16 AR-1242-1

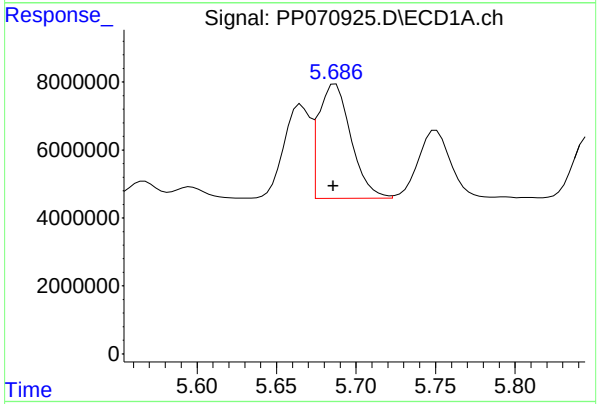
R.T.: 5.666 min
Delta R.T.: 0.002 min
Response: 32059711
Conc: 738.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



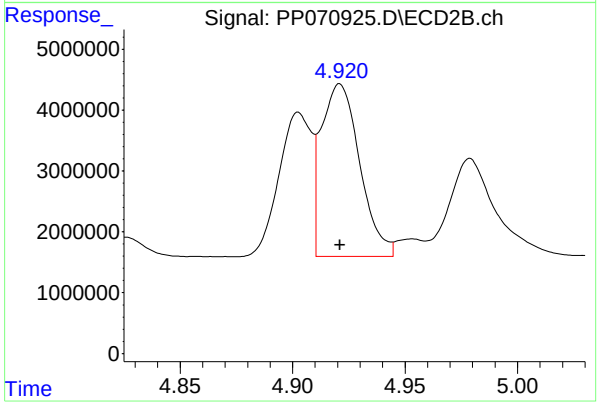
#16 AR-1242-1

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 23829543
Conc: 687.73 ng/ml



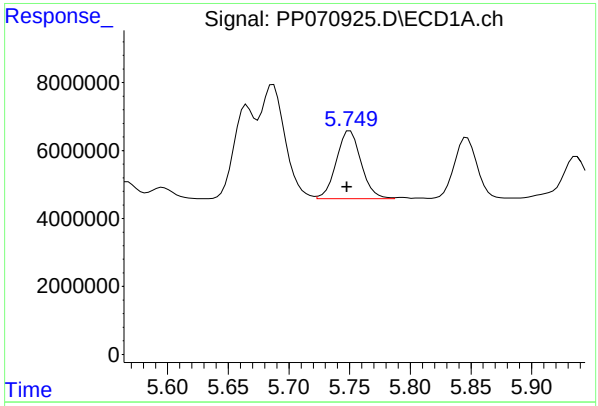
#17 AR-1242-2

R.T.: 5.687 min
Delta R.T.: 0.001 min
Response: 47897203
Conc: 714.62 ng/ml



#17 AR-1242-2

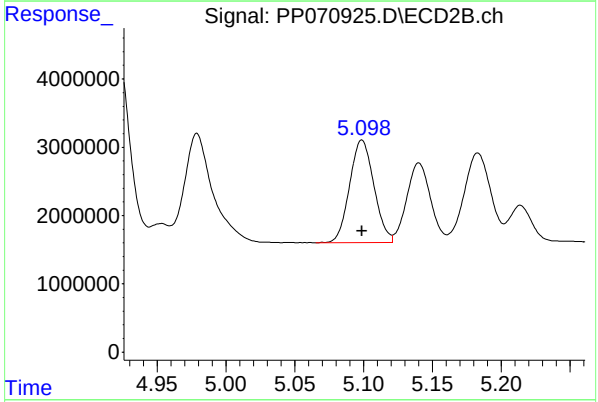
R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 33806804
Conc: 683.87 ng/ml



#18 AR-1242-3

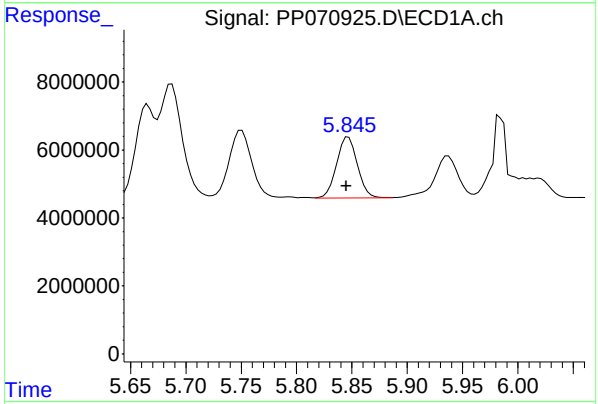
R.T.: 5.750 min
Delta R.T.: 0.003 min
Response: 28536378
Conc: 718.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



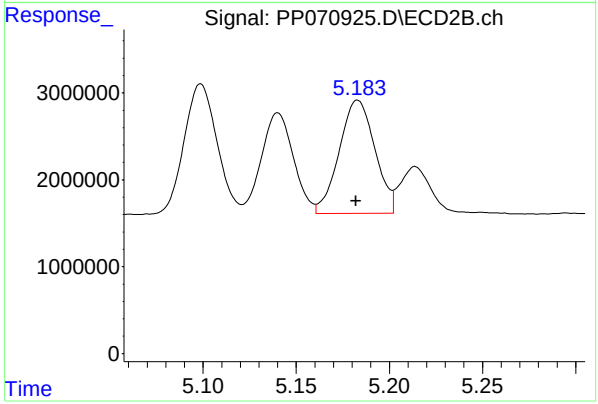
#18 AR-1242-3

R.T.: 5.099 min
Delta R.T.: 0.000 min
Response: 18473047
Conc: 693.98 ng/ml



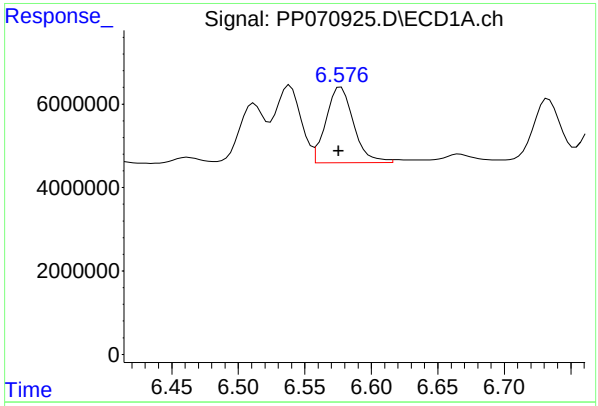
#19 AR-1242-4

R.T.: 5.847 min
Delta R.T.: 0.002 min
Response: 23599640
Conc: 731.16 ng/ml



#19 AR-1242-4

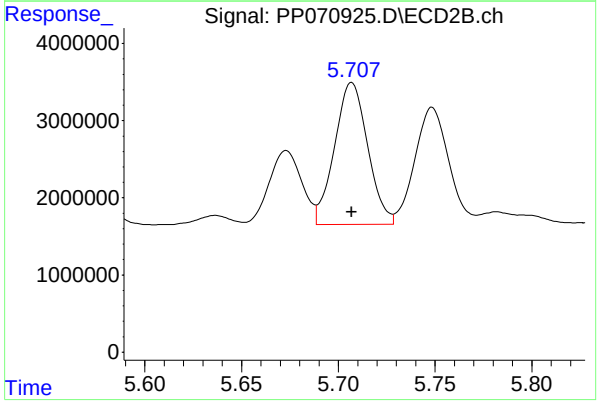
R.T.: 5.183 min
Delta R.T.: 0.000 min
Response: 17369419
Conc: 678.98 ng/ml



#20 AR-1242-5

R.T.: 6.577 min
Delta R.T.: 0.002 mi
Response: 26235924
Conc: 702.73 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



#20 AR-1242-5

R.T.: 5.707 min
Delta R.T.: 0.000 min
Response: 21926365
Conc: 694.78 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070926.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 13:00
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: Mar 27 13:28:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 13:24:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.511	3.815	76869856	55991243	50.000	50.000
2) SA	Decachlor...	10.225	8.858	55314656	38777230	50.000	50.000
	Target Compounds						
16) L4	AR-1242-1	5.664	4.902	21716335	17324704	500.000	500.000
17) L4	AR-1242-2	5.686	4.921	33512438	24717400	500.000	500.000
18) L4	AR-1242-3	5.748	5.099	19851486	13309479	500.000	500.000
19) L4	AR-1242-4	5.845	5.182	16138543	12790769	500.000	500.000
20) L4	AR-1242-5	6.576	5.707	18667188	15779369	500.000	500.000

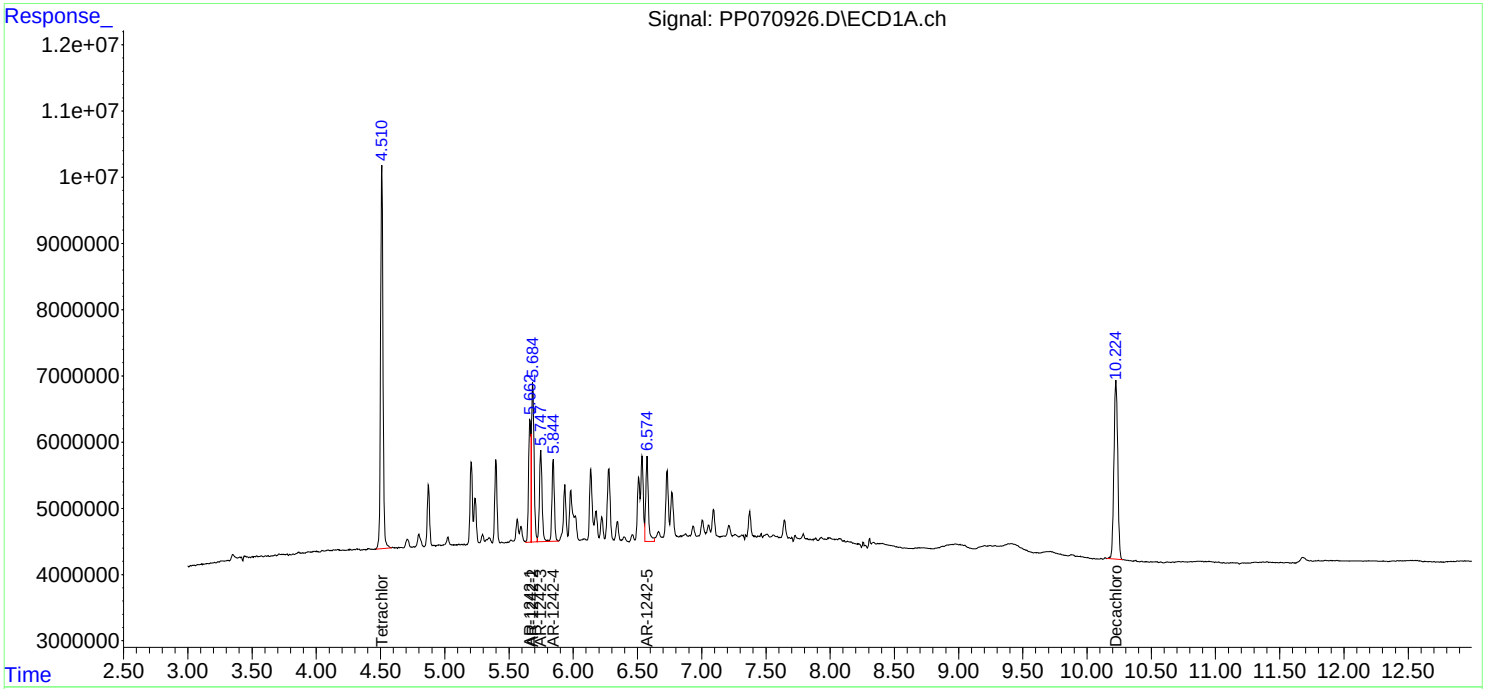
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

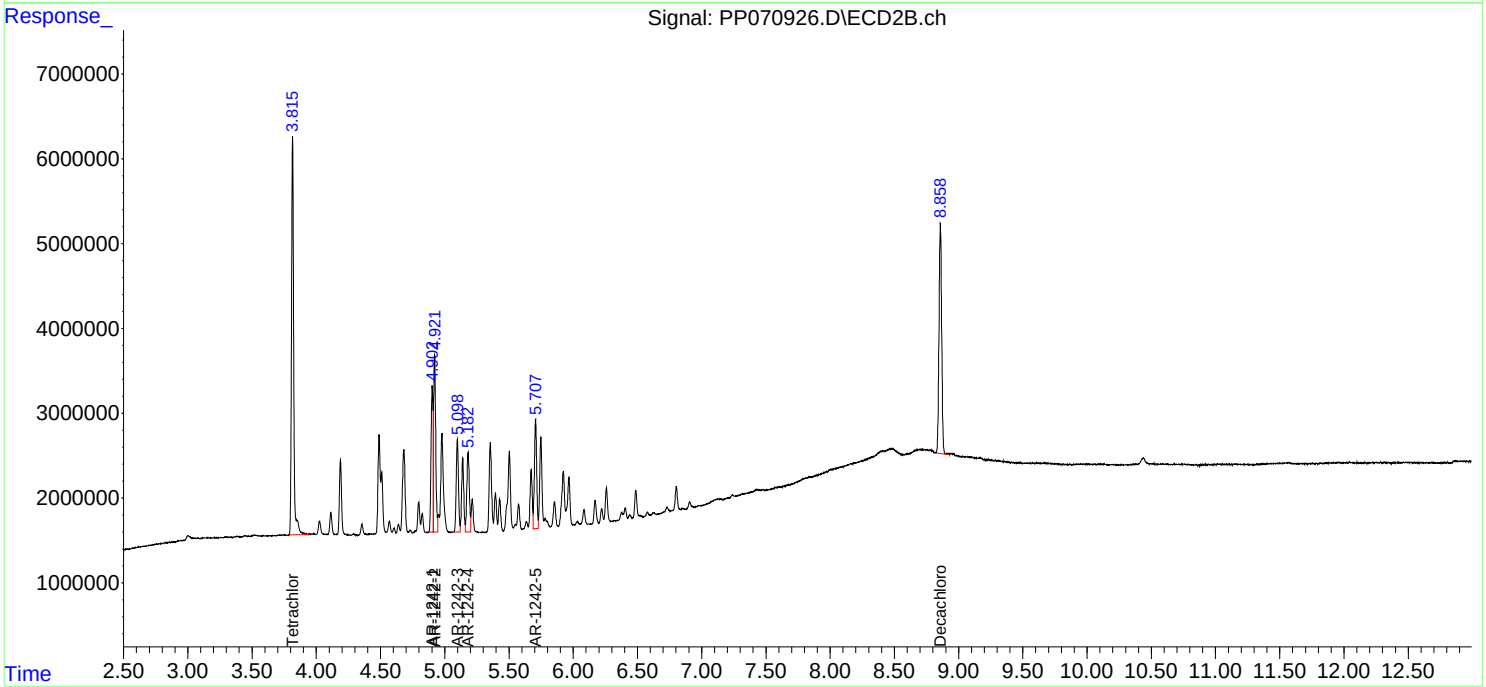
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070926.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 13:00
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

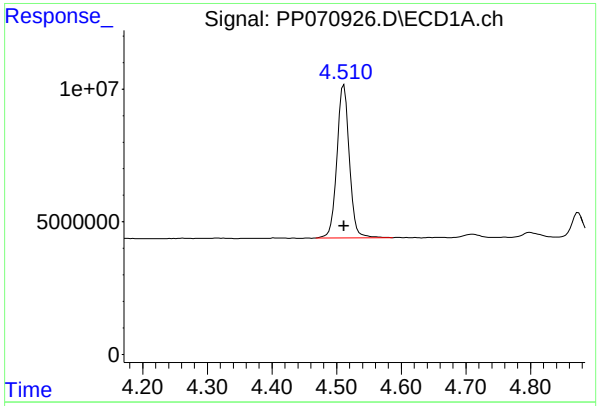
Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 13:28:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 13:24:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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



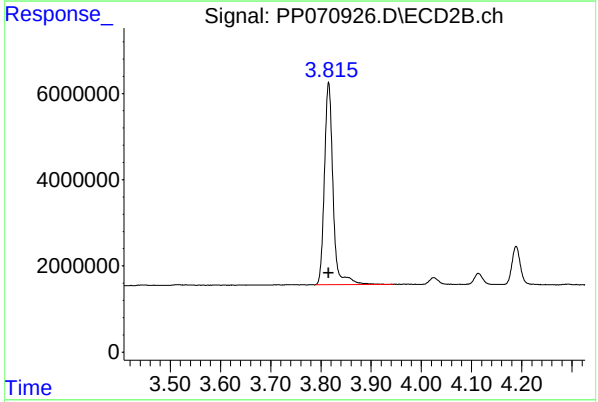




#1 Tetrachloro-m-xylene

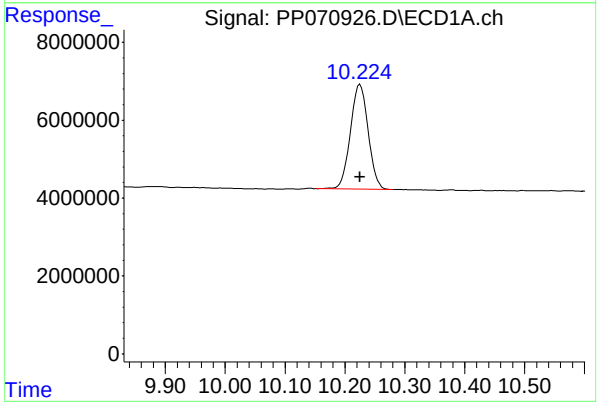
R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 76869856
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



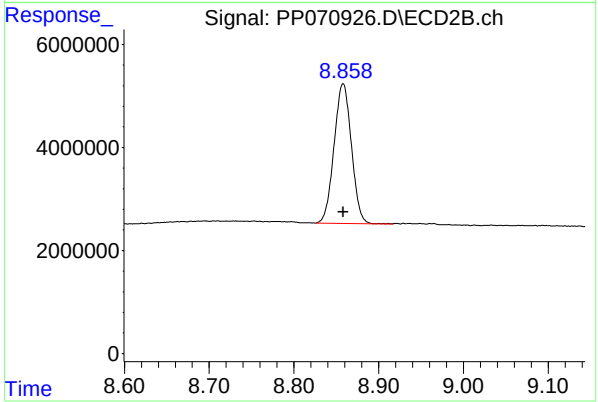
#1 Tetrachloro-m-xylene

R.T.: 3.815 min
Delta R.T.: 0.000 min
Response: 55991243
Conc: 50.00 ng/ml



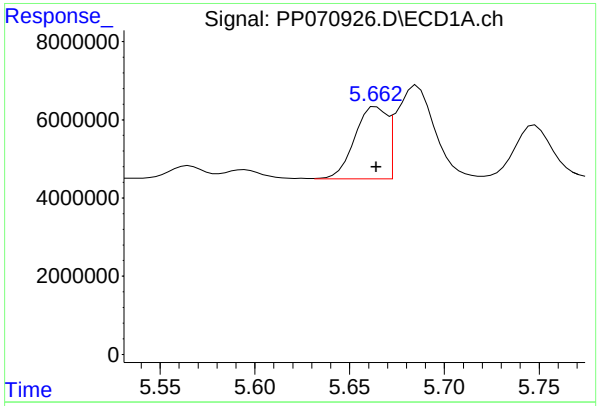
#2 Decachlorobiphenyl

R.T.: 10.225 min
Delta R.T.: 0.000 min
Response: 55314656
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

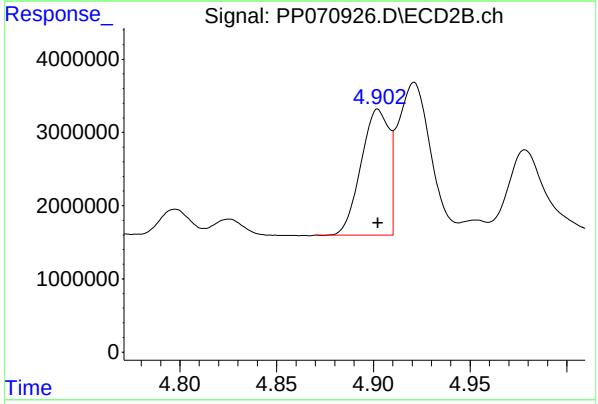
R.T.: 8.858 min
Delta R.T.: 0.000 min
Response: 38777230
Conc: 50.00 ng/ml



#16 AR-1242-1

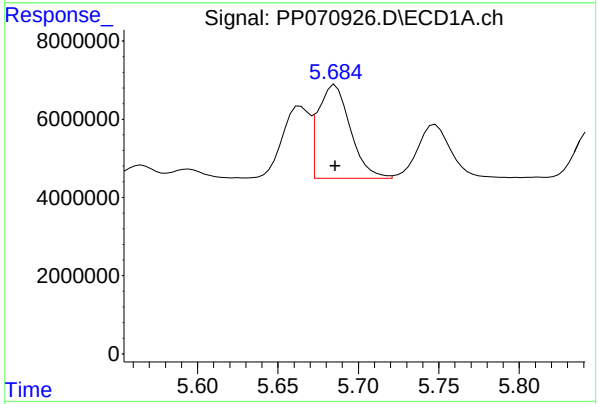
R.T.: 5.664 min
Delta R.T.: 0.000 min
Response: 21716335
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



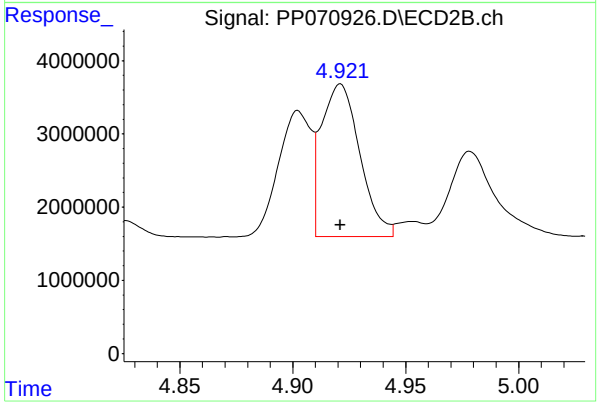
#16 AR-1242-1

R.T.: 4.902 min
Delta R.T.: 0.000 min
Response: 17324704
Conc: 500.00 ng/ml



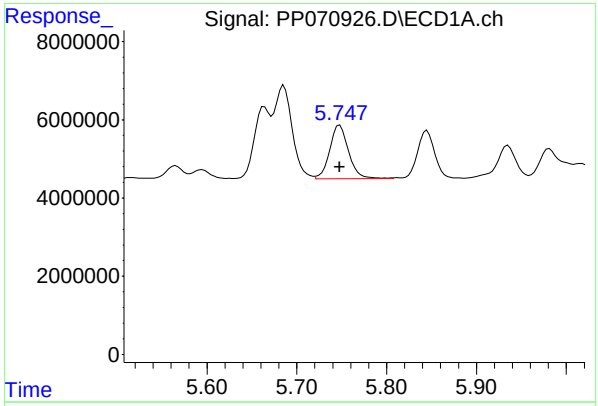
#17 AR-1242-2

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 33512438
Conc: 500.00 ng/ml



#17 AR-1242-2

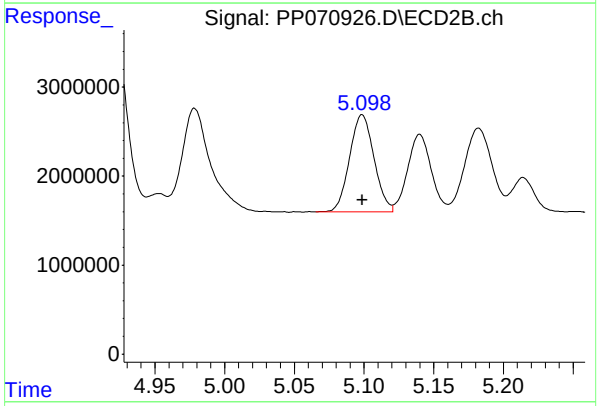
R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 24717400
Conc: 500.00 ng/ml



#18 AR-1242-3

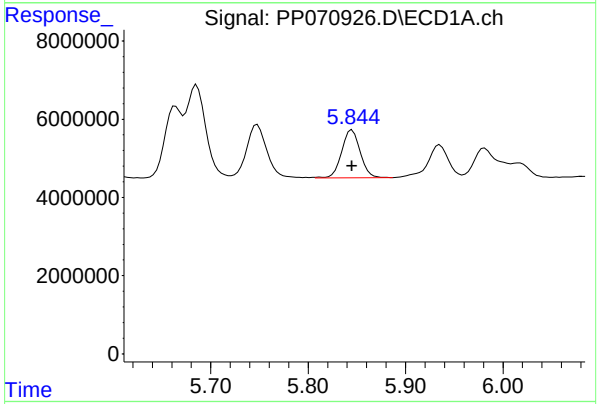
R.T.: 5.748 min
Delta R.T.: 0.000 min
Response: 19851486
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



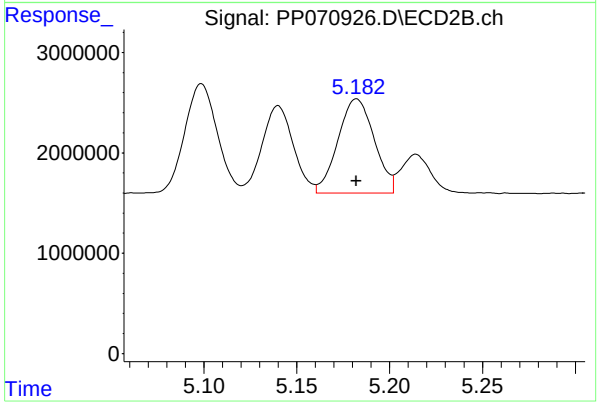
#18 AR-1242-3

R.T.: 5.099 min
Delta R.T.: 0.000 min
Response: 13309479
Conc: 500.00 ng/ml



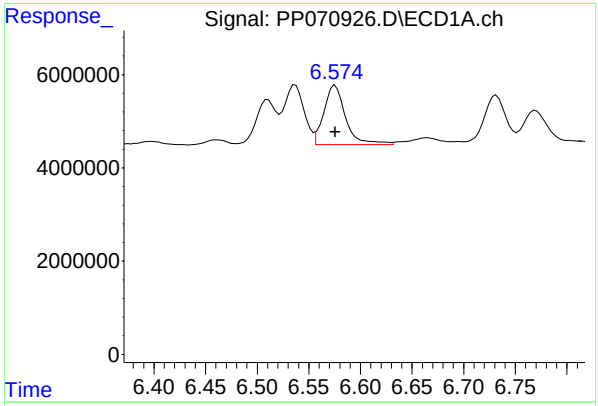
#19 AR-1242-4

R.T.: 5.845 min
Delta R.T.: 0.000 min
Response: 16138543
Conc: 500.00 ng/ml



#19 AR-1242-4

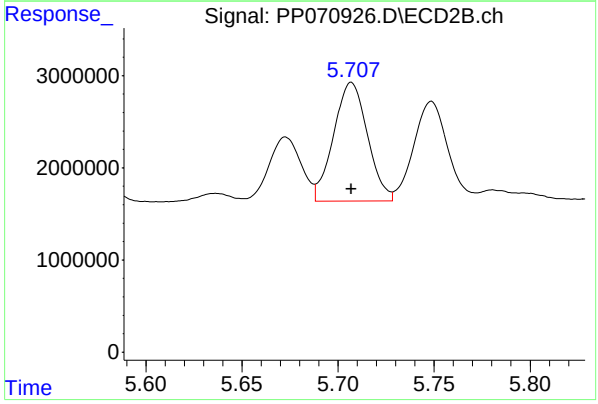
R.T.: 5.182 min
Delta R.T.: 0.000 min
Response: 12790769
Conc: 500.00 ng/ml



#20 AR-1242-5

R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 18667188
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



#20 AR-1242-5

R.T.: 5.707 min
Delta R.T.: 0.000 min
Response: 15779369
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070927.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 13:16
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: Mar 27 13:36:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 13:24:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.514	3.816	39179148	28013392	25.484	25.016
2)	SA Decachlor...	10.230	8.858	28836317	21287334	26.066	27.448
	Target Compounds						
16)	L4 AR-1242-1	5.666	4.903	10996159	9674680	253.177	279.216
17)	L4 AR-1242-2	5.688	4.922	17212597	13875945	256.809	280.692
18)	L4 AR-1242-3	5.750	5.099	10156885	7458368	255.822	280.190
19)	L4 AR-1242-4	5.847	5.183	8048661	7154684	249.361	279.682
20)	L4 AR-1242-5	6.578	5.708	9640099	8240601	258.210	261.119

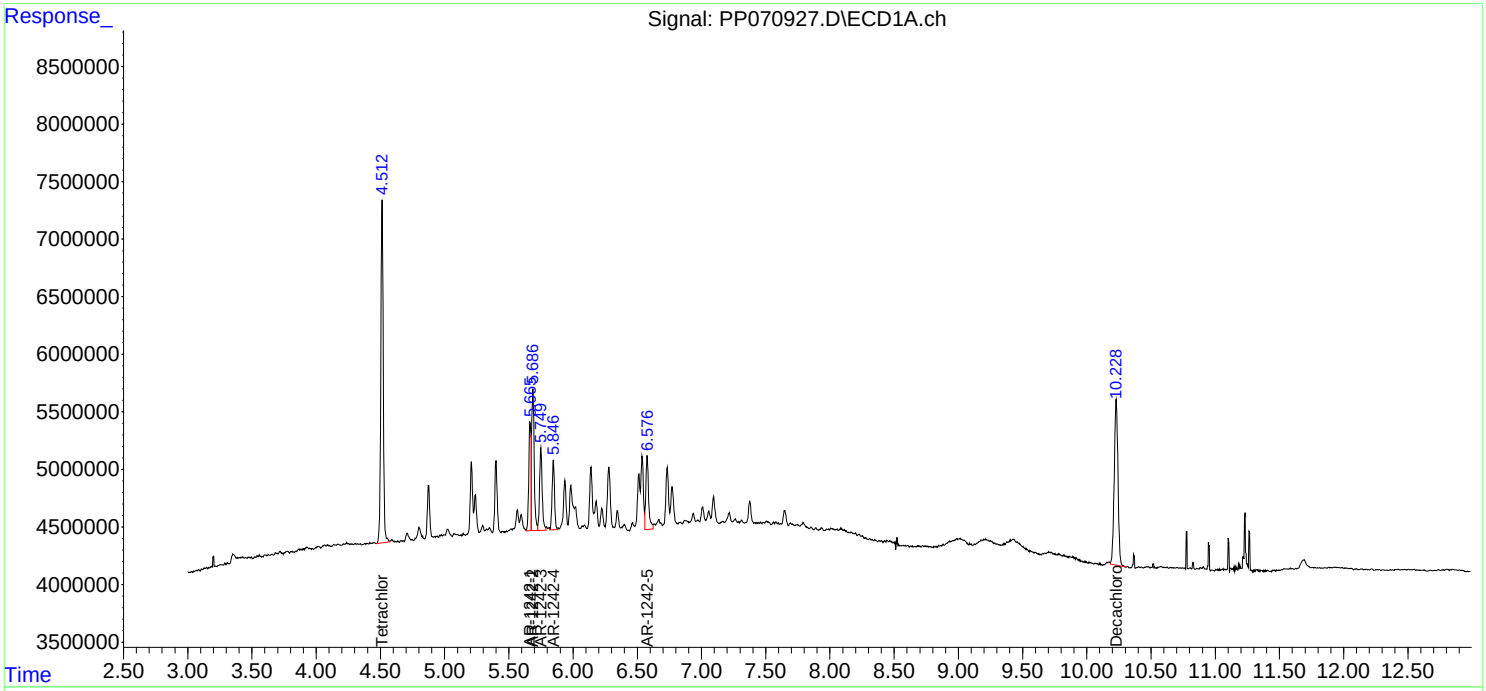
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

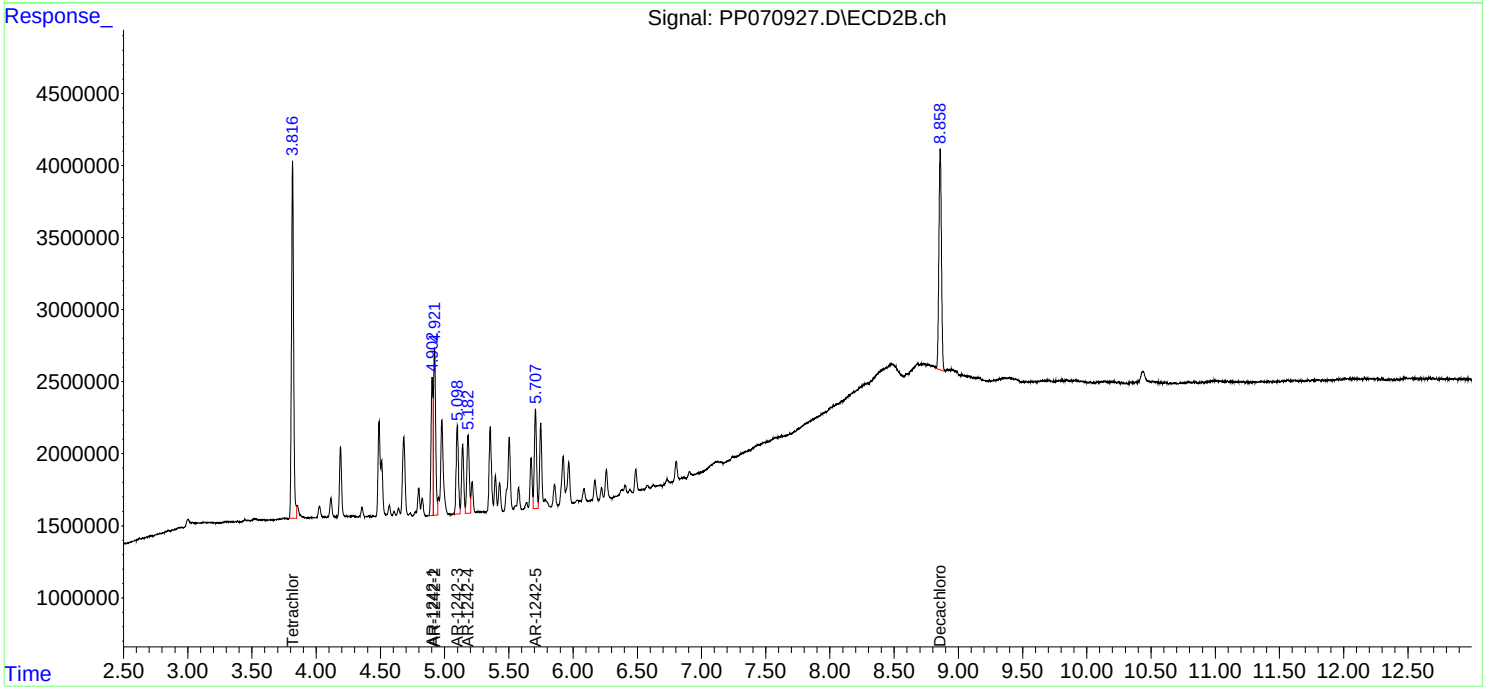
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070927.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 13:16
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

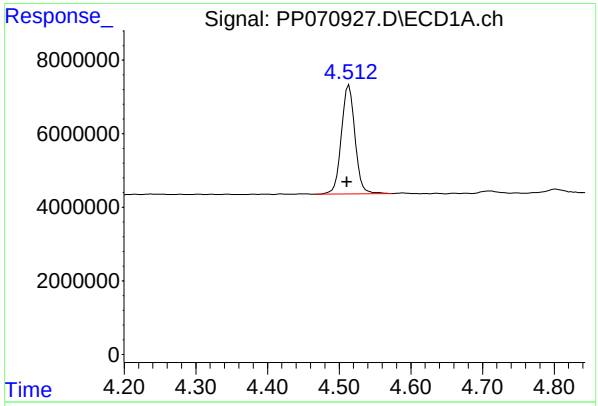
Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 13:36:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 13:24:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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



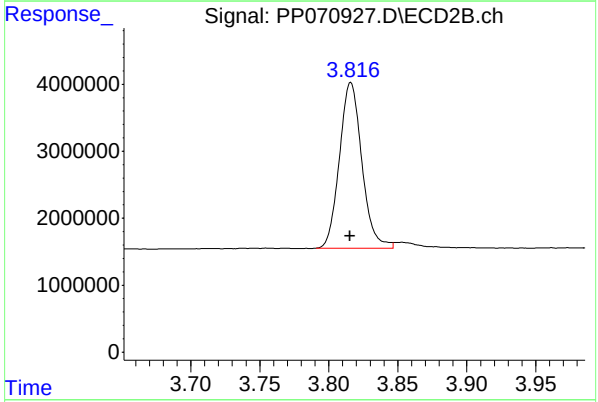




#1 Tetrachloro-m-xylene

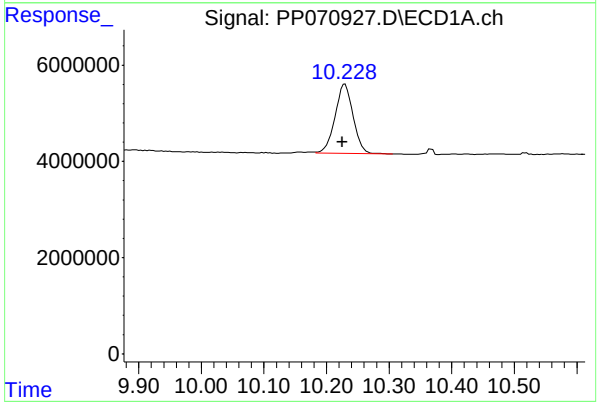
R.T.: 4.514 min
Delta R.T.: 0.003 min
Response: 39179148
Conc: 25.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



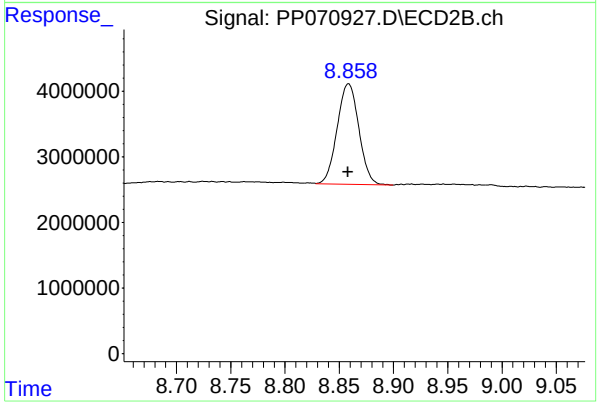
#1 Tetrachloro-m-xylene

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 28013392
Conc: 25.02 ng/ml



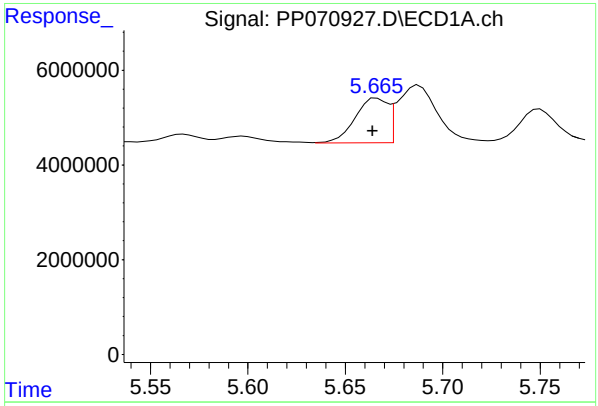
#2 Decachlorobiphenyl

R.T.: 10.230 min
Delta R.T.: 0.004 min
Response: 28836317
Conc: 26.07 ng/ml



#2 Decachlorobiphenyl

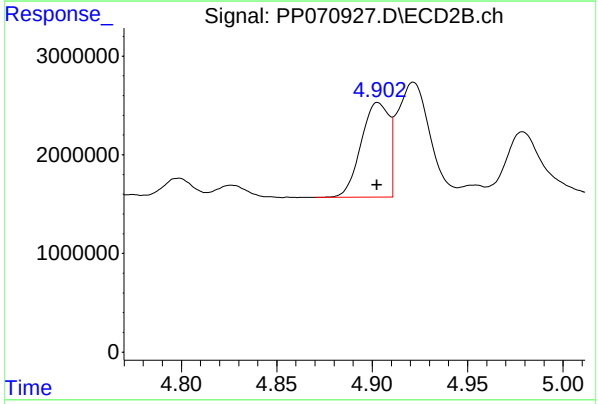
R.T.: 8.858 min
Delta R.T.: 0.000 min
Response: 21287334
Conc: 27.45 ng/ml



#16 AR-1242-1

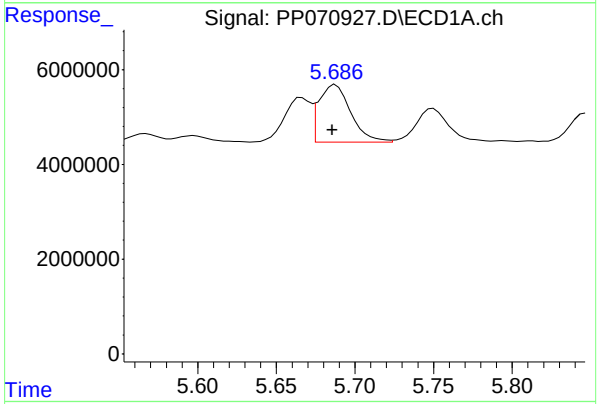
R.T.: 5.666 min
Delta R.T.: 0.002 min
Response: 10996159
Conc: 253.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



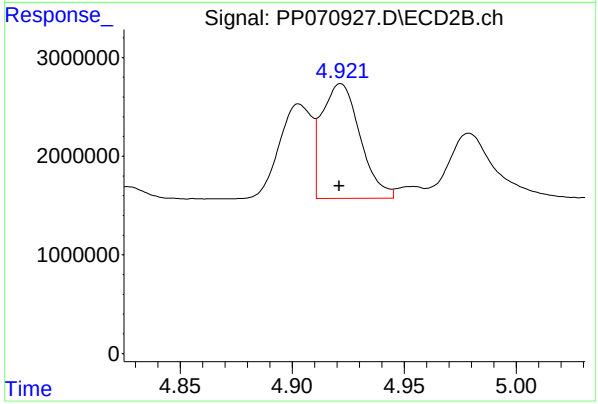
#16 AR-1242-1

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 9674680
Conc: 279.22 ng/ml



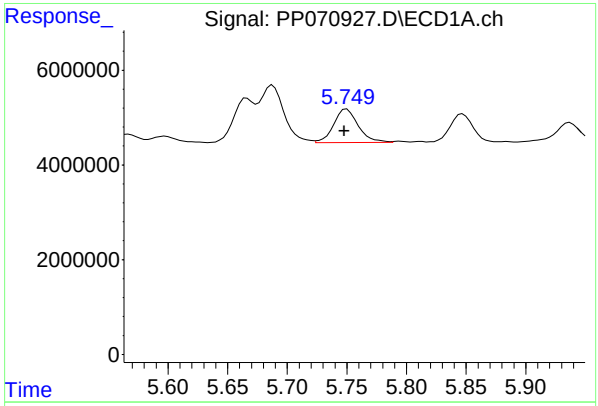
#17 AR-1242-2

R.T.: 5.688 min
Delta R.T.: 0.002 min
Response: 17212597
Conc: 256.81 ng/ml



#17 AR-1242-2

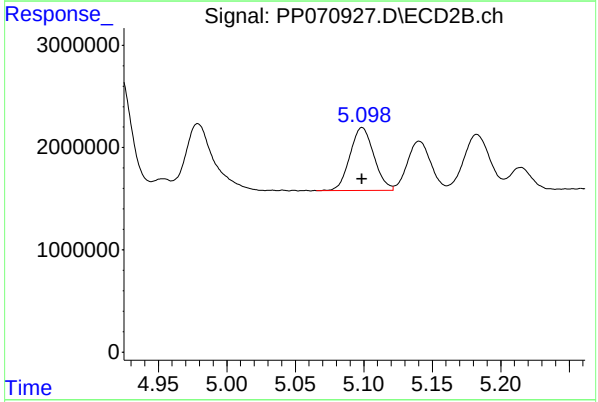
R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 13875945
Conc: 280.69 ng/ml



#18 AR-1242-3

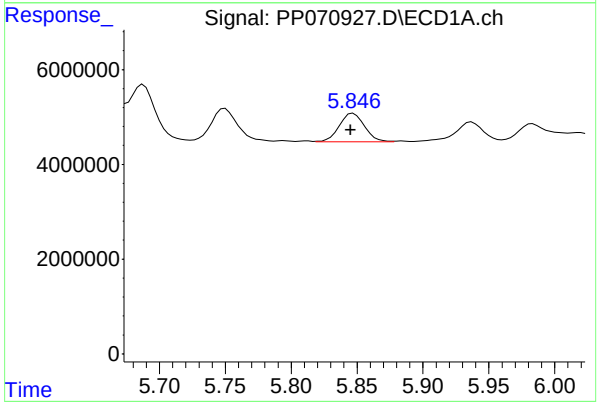
R.T.: 5.750 min
Delta R.T.: 0.002 min
Response: 10156885
Conc: 255.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



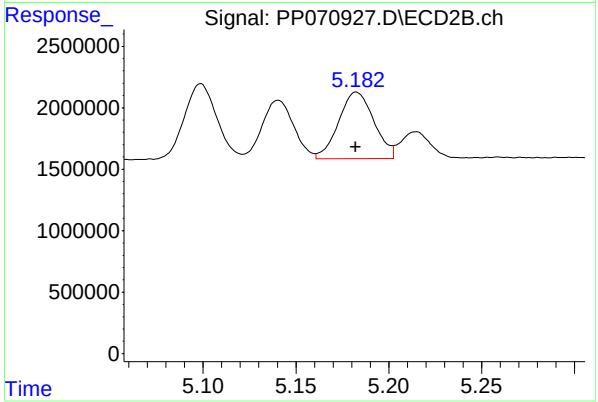
#18 AR-1242-3

R.T.: 5.099 min
Delta R.T.: 0.000 min
Response: 7458368
Conc: 280.19 ng/ml



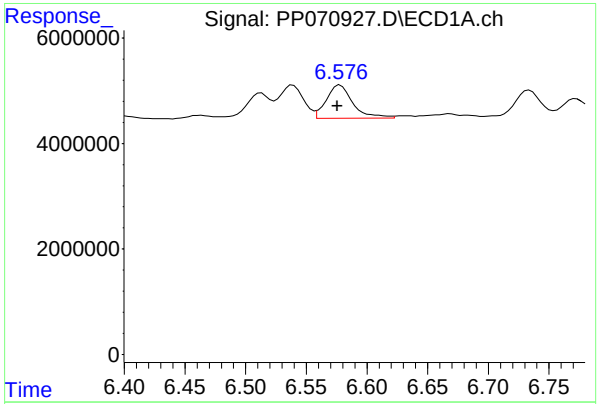
#19 AR-1242-4

R.T.: 5.847 min
Delta R.T.: 0.002 min
Response: 8048661
Conc: 249.36 ng/ml



#19 AR-1242-4

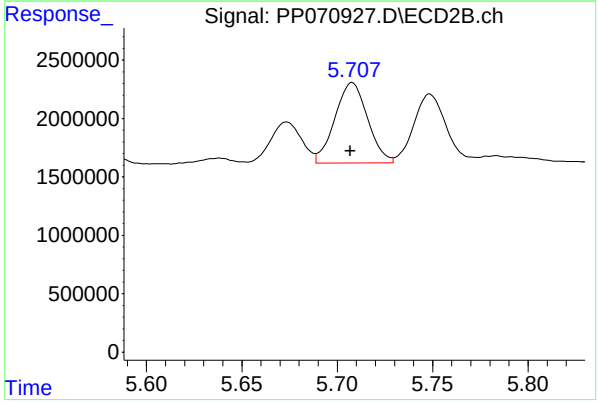
R.T.: 5.183 min
Delta R.T.: 0.000 min
Response: 7154684
Conc: 279.68 ng/ml



#20 AR-1242-5

R.T.: 6.578 min
Delta R.T.: 0.002 mi
Response: 9640099
Conc: 258.21 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



#20 AR-1242-5

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 8240601
Conc: 261.12 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070928.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 13:33
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 13:57:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 13:24:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.512	3.815	6633492	5532966	4.273	4.939
2)	SA Decachlor...	10.226	8.857	5282830	3387334	4.676	4.164
	Target Compounds						
16)	L4 AR-1242-1	5.663	4.902	2436604	1773341	55.746m	48.354
17)	L4 AR-1242-2	5.686	4.921	2856942	2619762	42.052m	49.929m
18)	L4 AR-1242-3	5.748	5.098	2373419	1401755	59.091m	49.661
19)	L4 AR-1242-4	5.843	5.181	1293211	1572257	40.117m	58.017m#
20)	L4 AR-1242-5	6.574	5.705	1783487	1619372	46.999m	50.197m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070928.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 13:33
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

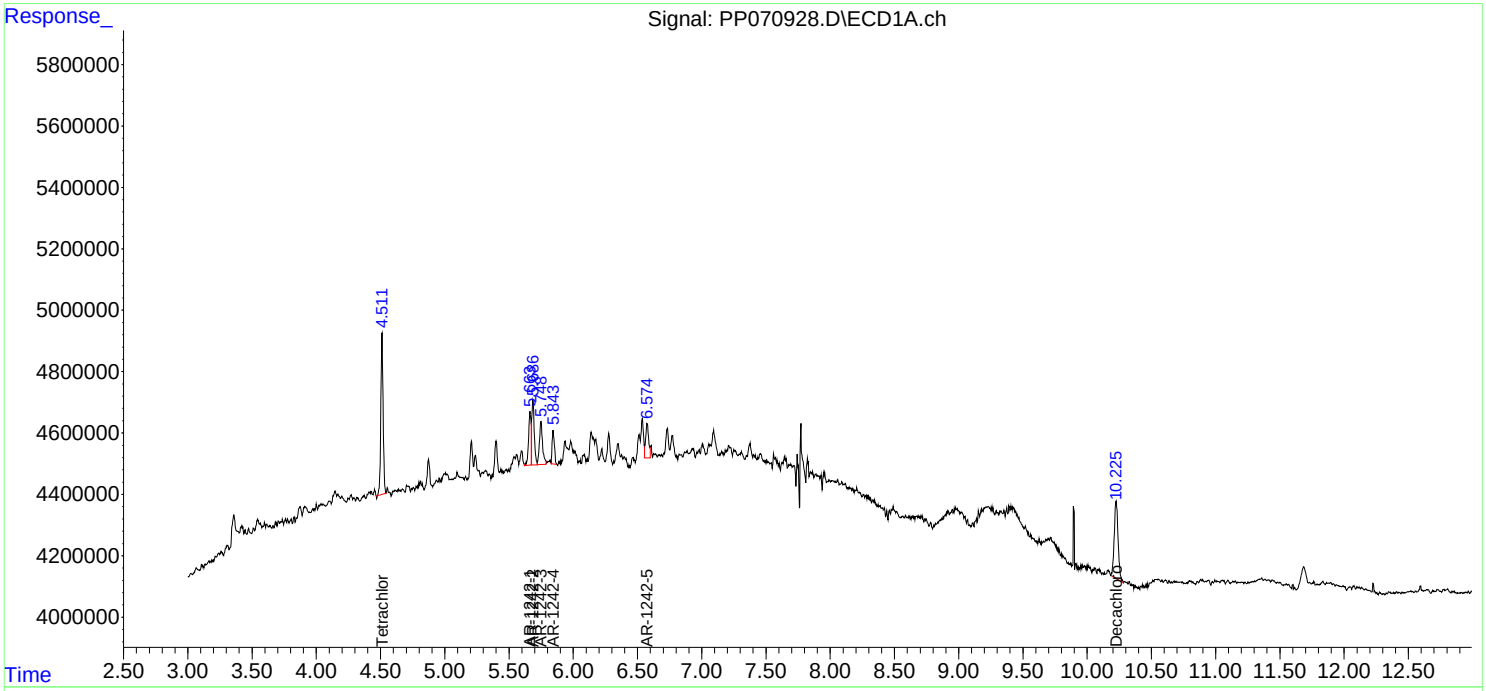
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

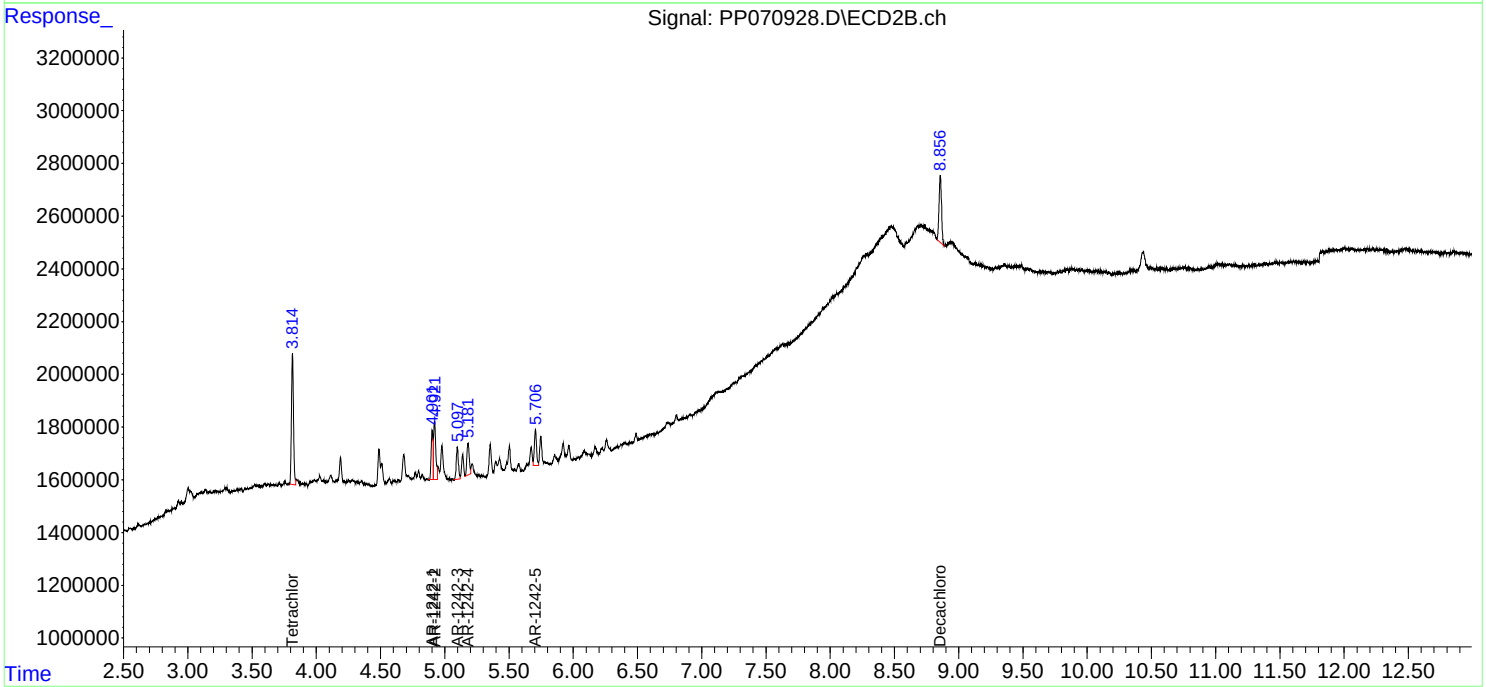
Manual Integrations APPROVED

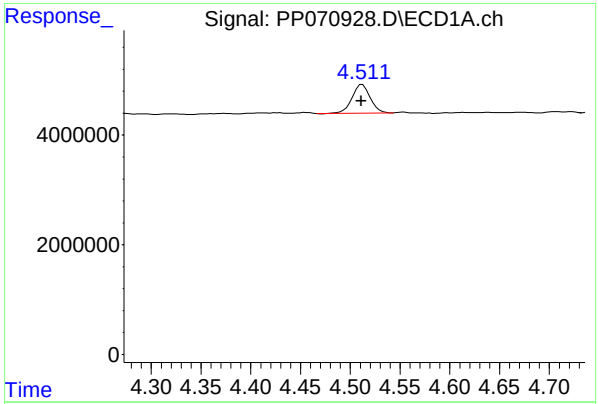
Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 13:57:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 13:24:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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







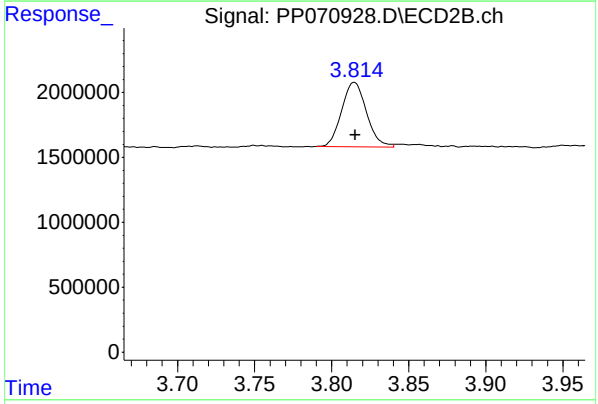
#1 Tetrachloro-m-xylene

R.T.: 4.512 min
Delta R.T.: 0.001 min
Response: 6633492
Conc: 4.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

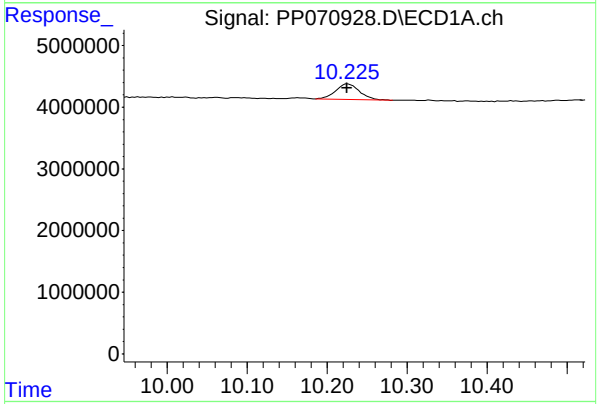
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



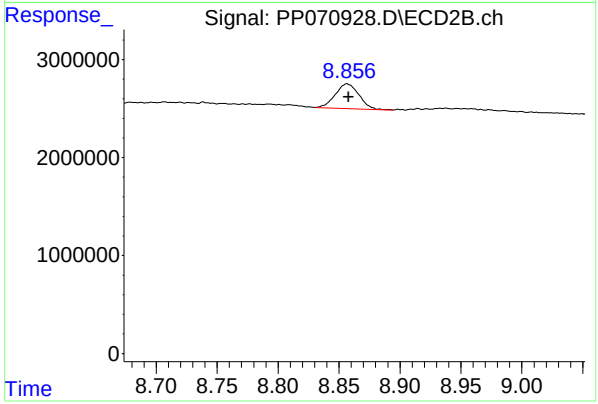
#1 Tetrachloro-m-xylene

R.T.: 3.815 min
Delta R.T.: 0.000 min
Response: 5532966
Conc: 4.94 ng/ml



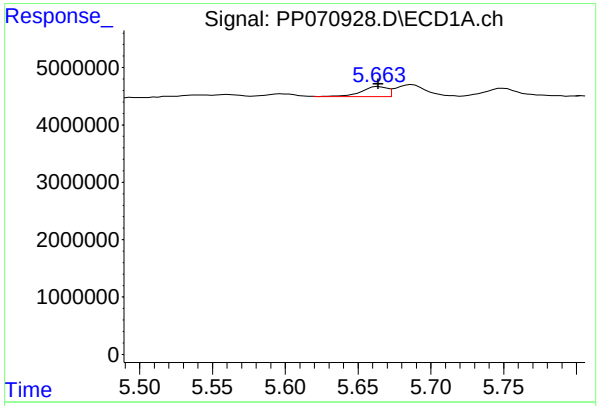
#2 Decachlorobiphenyl

R.T.: 10.226 min
Delta R.T.: 0.000 min
Response: 5282830
Conc: 4.68 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.857 min
Delta R.T.: -0.001 min
Response: 3387334
Conc: 4.16 ng/ml



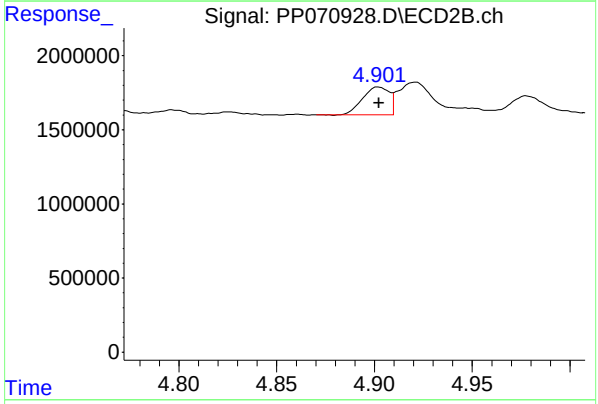
#16 AR-1242-1

R.T.: 5.663 min
Delta R.T.: -0.002 mi
Response: 2436604
Conc: 55.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

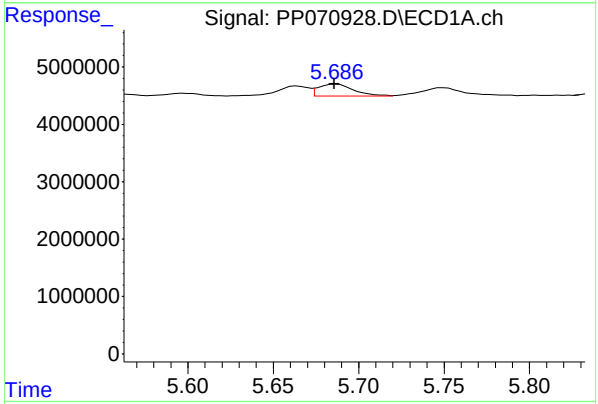
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



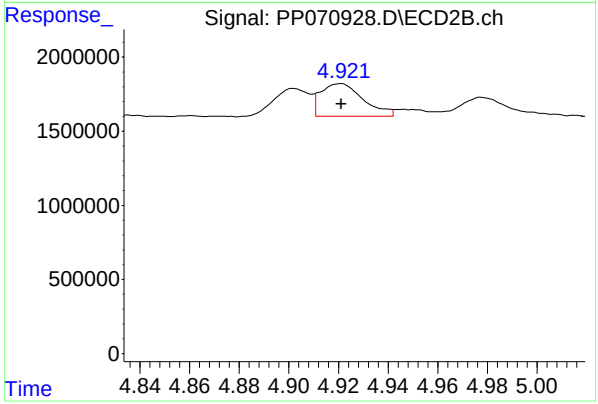
#16 AR-1242-1

R.T.: 4.902 min
Delta R.T.: 0.000 min
Response: 1773341
Conc: 48.35 ng/ml



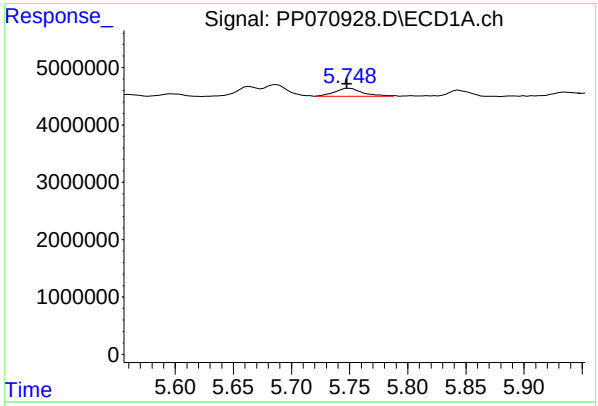
#17 AR-1242-2

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 2856942
Conc: 42.05 ng/ml m



#17 AR-1242-2

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 2619762
Conc: 49.93 ng/ml m



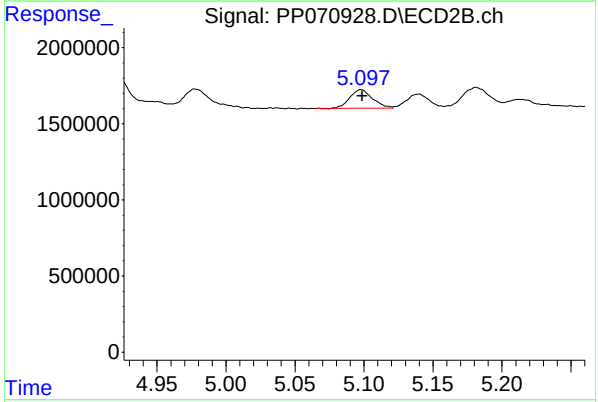
#18 AR-1242-3

R.T.: 5.748 min
Delta R.T.: 0.000 min
Response: 2373419
Conc: 59.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

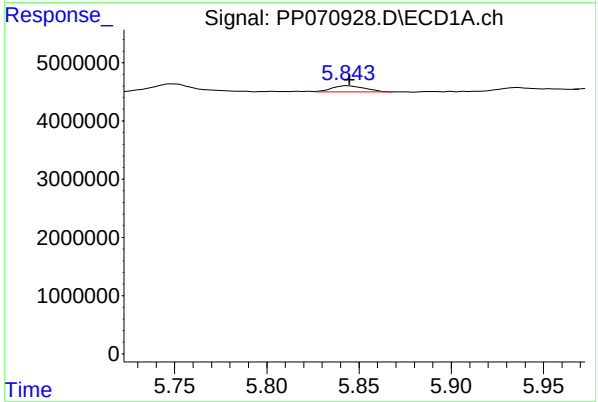
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



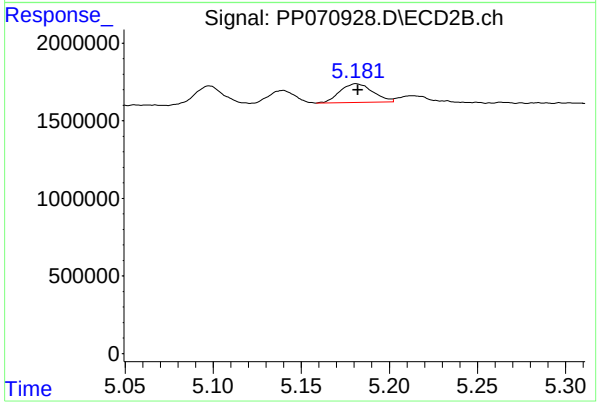
#18 AR-1242-3

R.T.: 5.098 min
Delta R.T.: 0.000 min
Response: 1401755
Conc: 49.66 ng/ml



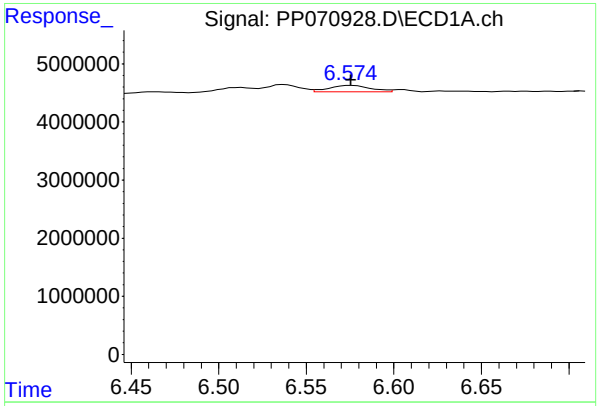
#19 AR-1242-4

R.T.: 5.843 min
Delta R.T.: -0.002 min
Response: 1293211
Conc: 40.12 ng/ml m



#19 AR-1242-4

R.T.: 5.181 min
Delta R.T.: -0.002 min
Response: 1572257
Conc: 58.02 ng/ml m



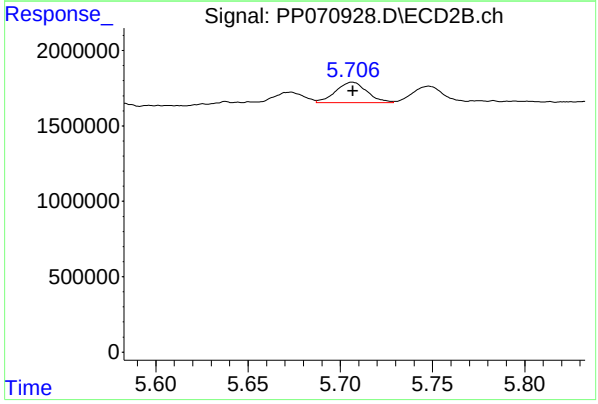
#20 AR-1242-5

R.T.: 6.574 min
Delta R.T.: -0.002 mi
Response: 1783487
Conc: 47.00 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



#20 AR-1242-5

R.T.: 5.705 min
Delta R.T.: -0.001 min
Response: 1619372
Conc: 50.20 ng/ml m

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070929.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 13:49
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: Mar 27 14:45:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 14:45:17 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.514	3.816	146.2E6	96952216	94.393	85.183
2) SA	Decachlor...	10.229	8.859	107.2E6	76343240	88.954	92.303
	Target Compounds						
21) L5	AR-1248-1	5.666	4.903	31141042	23297586	921.836	817.423
22) L5	AR-1248-2	5.938	5.141	42399779	31071420	917.898	811.806
23) L5	AR-1248-3	6.140	5.183	48055172	32592570	927.258	815.546
24) L5	AR-1248-4	6.539	5.355	59878410	38114246	893.176	807.817
25) L5	AR-1248-5	6.579	5.749	56652876	37031094	881.261	843.047

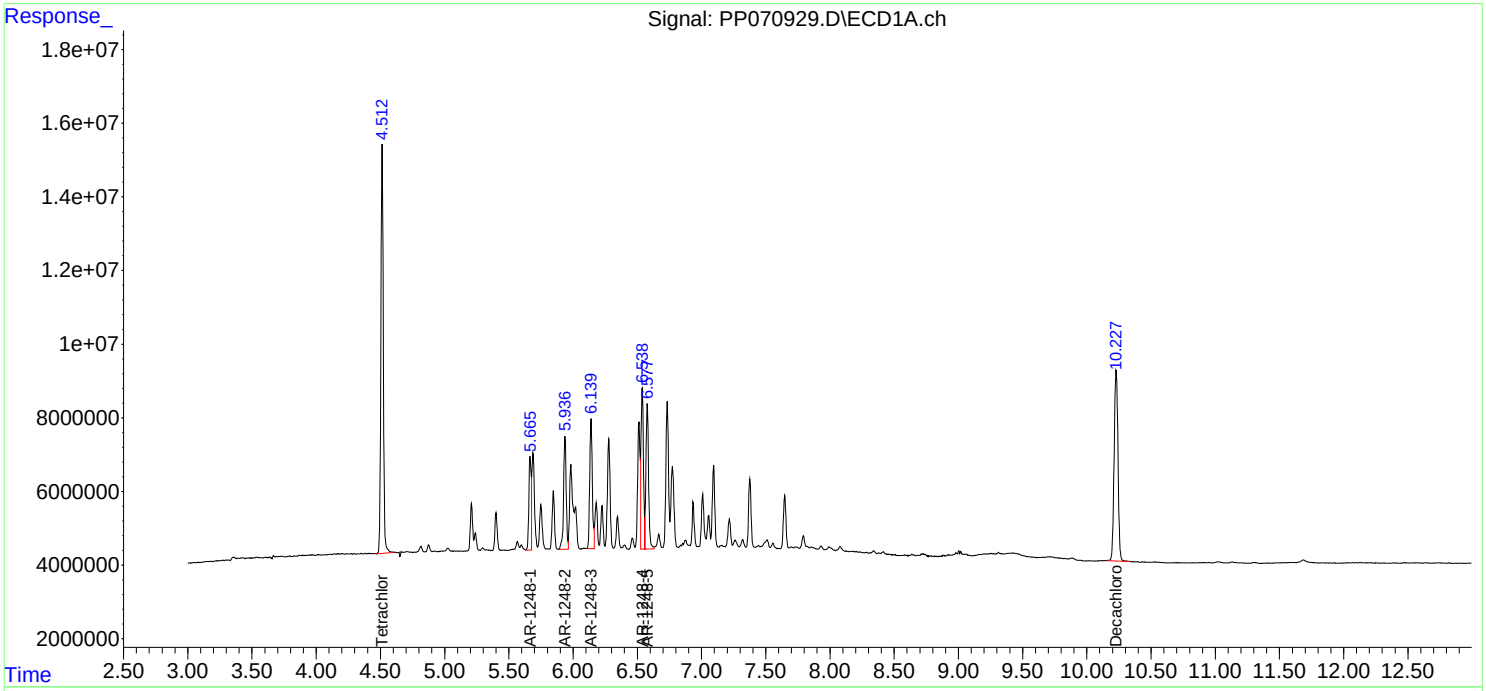
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

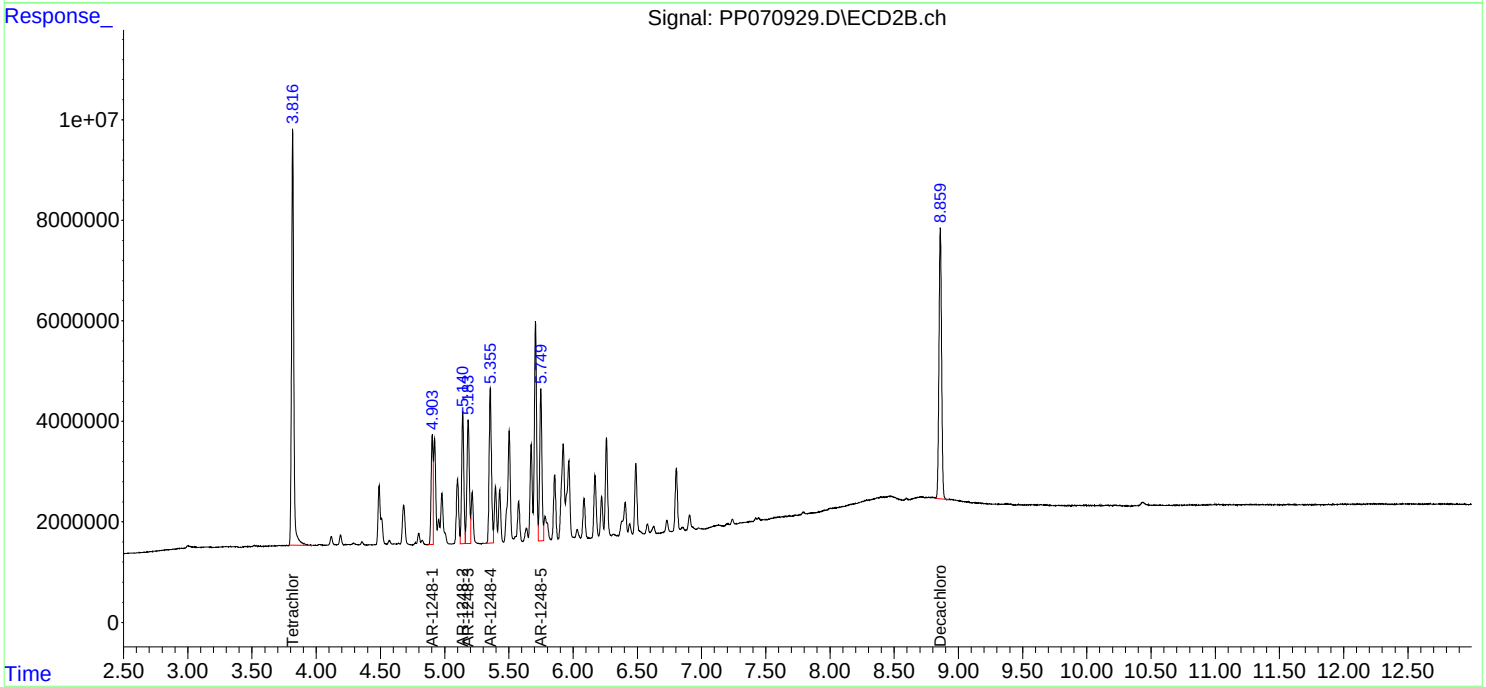
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070929.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 13:49
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

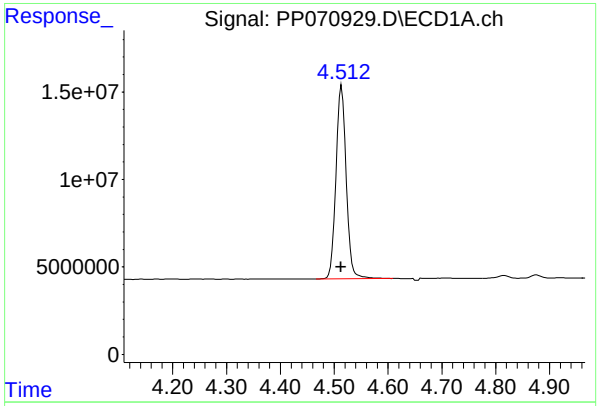
Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 14:45:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 14:45:17 2025
Response via : Initial Calibration
Integrator: ChemStation

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



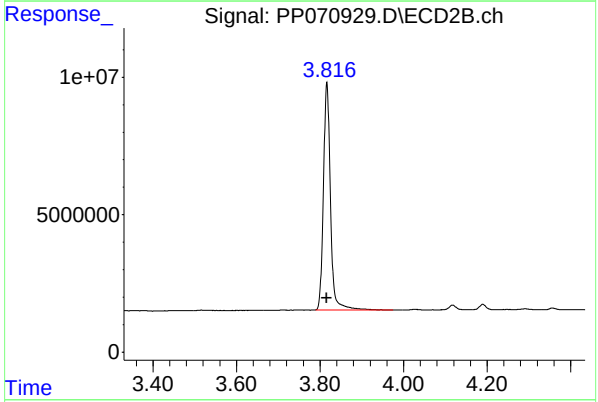




#1 Tetrachloro-m-xylene

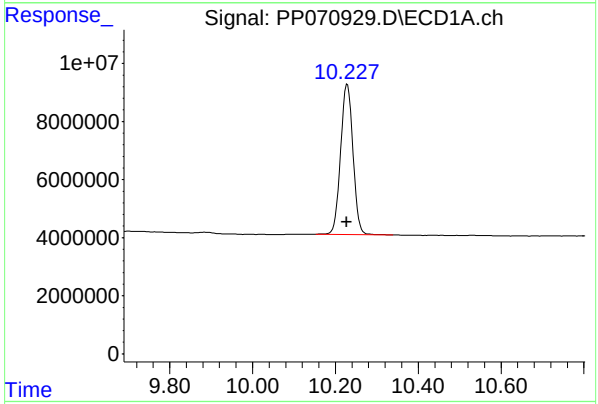
R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 146218105
Conc: 94.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



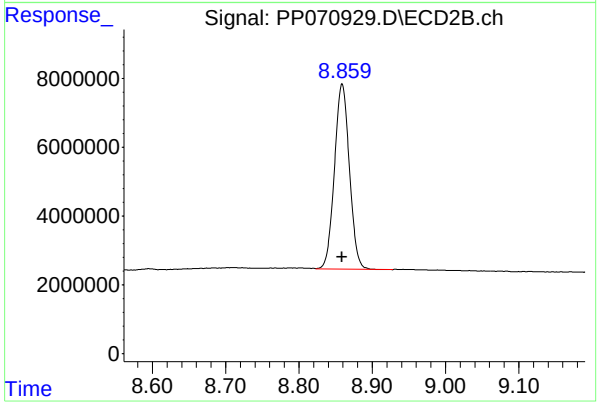
#1 Tetrachloro-m-xylene

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 96952216
Conc: 85.18 ng/ml



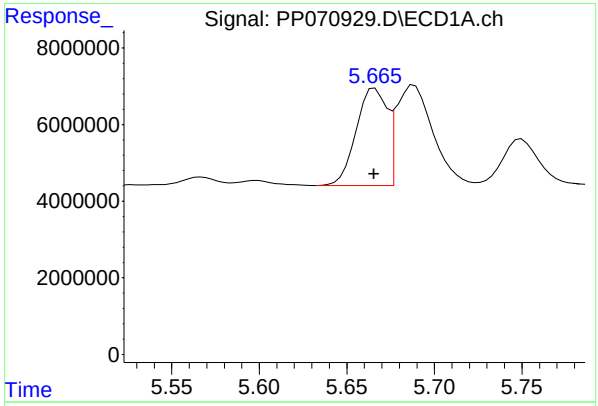
#2 Decachlorobiphenyl

R.T.: 10.229 min
Delta R.T.: 0.002 min
Response: 107201730
Conc: 88.95 ng/ml



#2 Decachlorobiphenyl

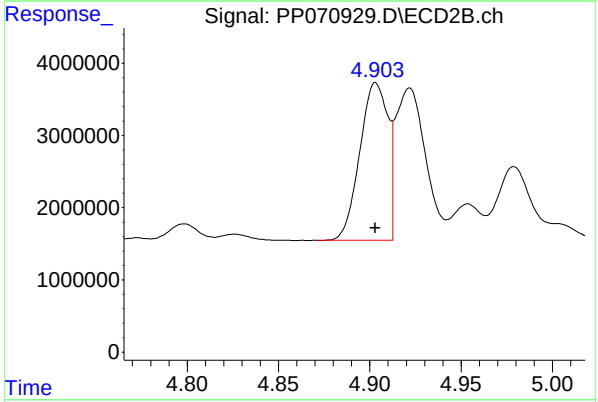
R.T.: 8.859 min
Delta R.T.: 0.000 min
Response: 76343240
Conc: 92.30 ng/ml



#21 AR-1248-1

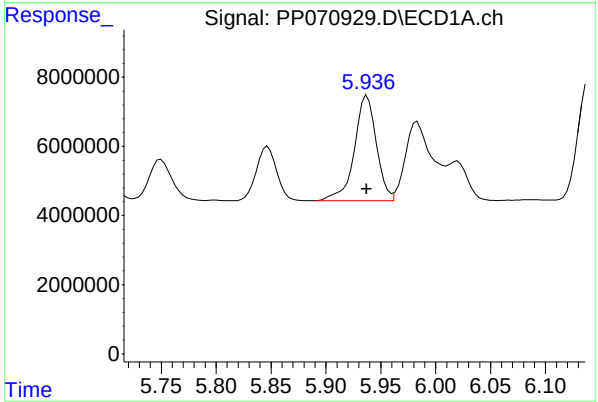
R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 31141042
Conc: 921.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



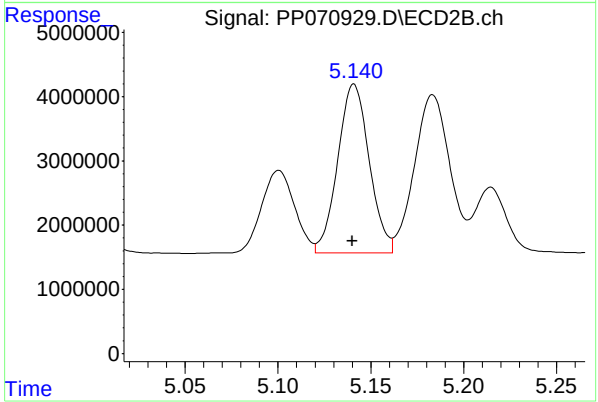
#21 AR-1248-1

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 23297586
Conc: 817.42 ng/ml



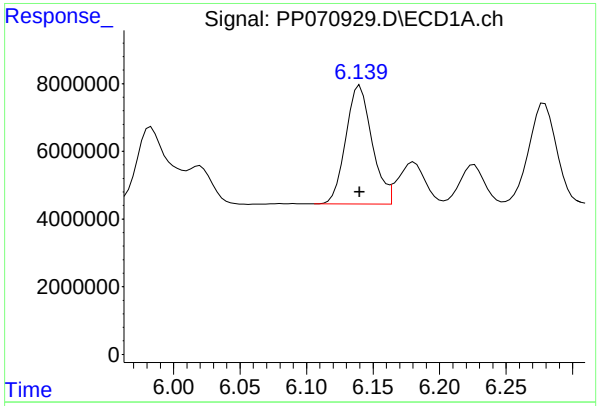
#22 AR-1248-2

R.T.: 5.938 min
Delta R.T.: 0.000 min
Response: 42399779
Conc: 917.90 ng/ml



#22 AR-1248-2

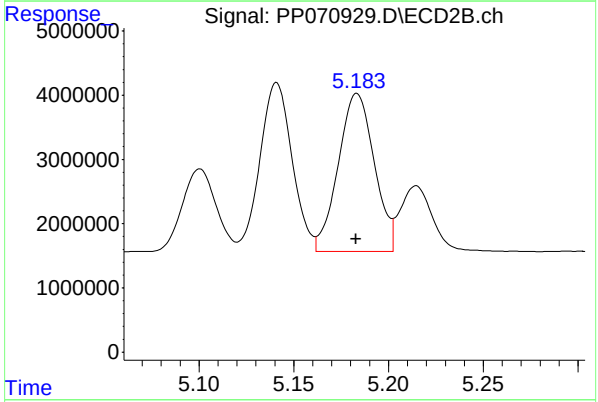
R.T.: 5.141 min
Delta R.T.: 0.000 min
Response: 31071420
Conc: 811.81 ng/ml



#23 AR-1248-3

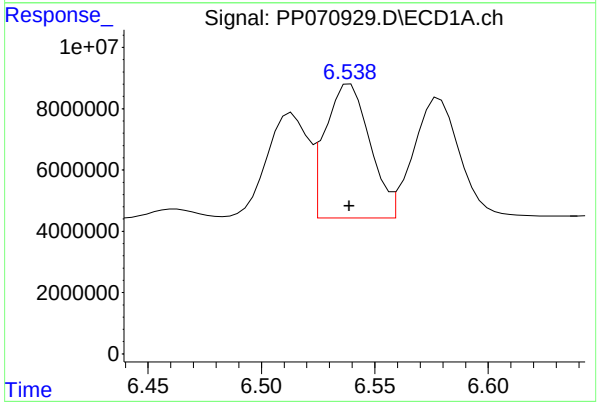
R.T.: 6.140 min
Delta R.T.: 0.000 min
Response: 48055172
Conc: 927.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



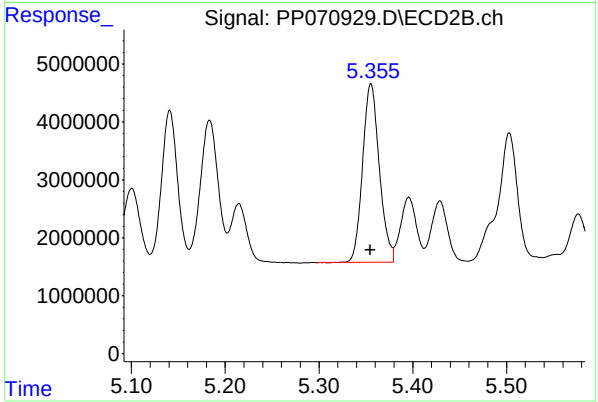
#23 AR-1248-3

R.T.: 5.183 min
Delta R.T.: 0.000 min
Response: 32592570
Conc: 815.55 ng/ml



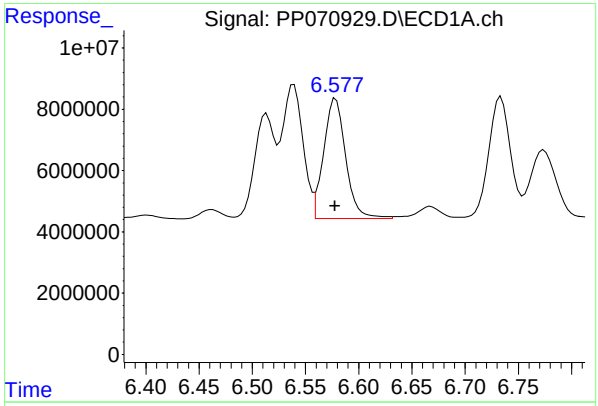
#24 AR-1248-4

R.T.: 6.539 min
Delta R.T.: 0.000 min
Response: 59878410
Conc: 893.18 ng/ml



#24 AR-1248-4

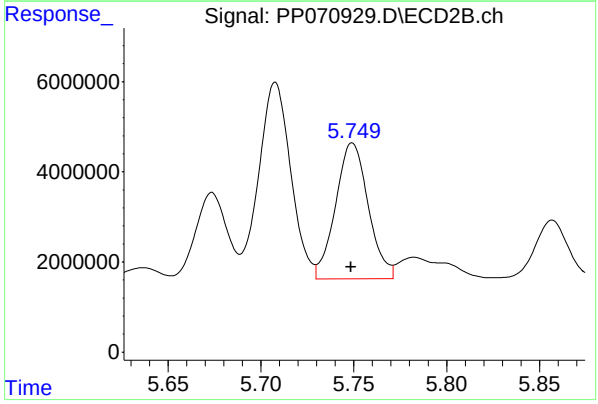
R.T.: 5.355 min
Delta R.T.: 0.000 min
Response: 38114246
Conc: 807.82 ng/ml



#25 AR-1248-5

R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 56652876
Conc: 881.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



#25 AR-1248-5

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 37031094
Conc: 843.05 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070930.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 14:05
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: Mar 27 14:46:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 14:45:17 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.514	3.816	115.8E6	78436191	74.760	68.915
2)	SA Decachlor...	10.229	8.860	84334663	61664461	69.979	74.555
	Target Compounds						
21)	L5 AR-1248-1	5.666	4.903	25034469	20052758	741.070	703.575
22)	L5 AR-1248-2	5.938	5.141	33734311	26938678	730.302	703.829
23)	L5 AR-1248-3	6.140	5.183	38083098	28275820	734.840	707.530
24)	L5 AR-1248-4	6.539	5.356	47603456	32558799	710.077	690.072
25)	L5 AR-1248-5	6.578	5.749	45378306	30836259	705.880	702.016

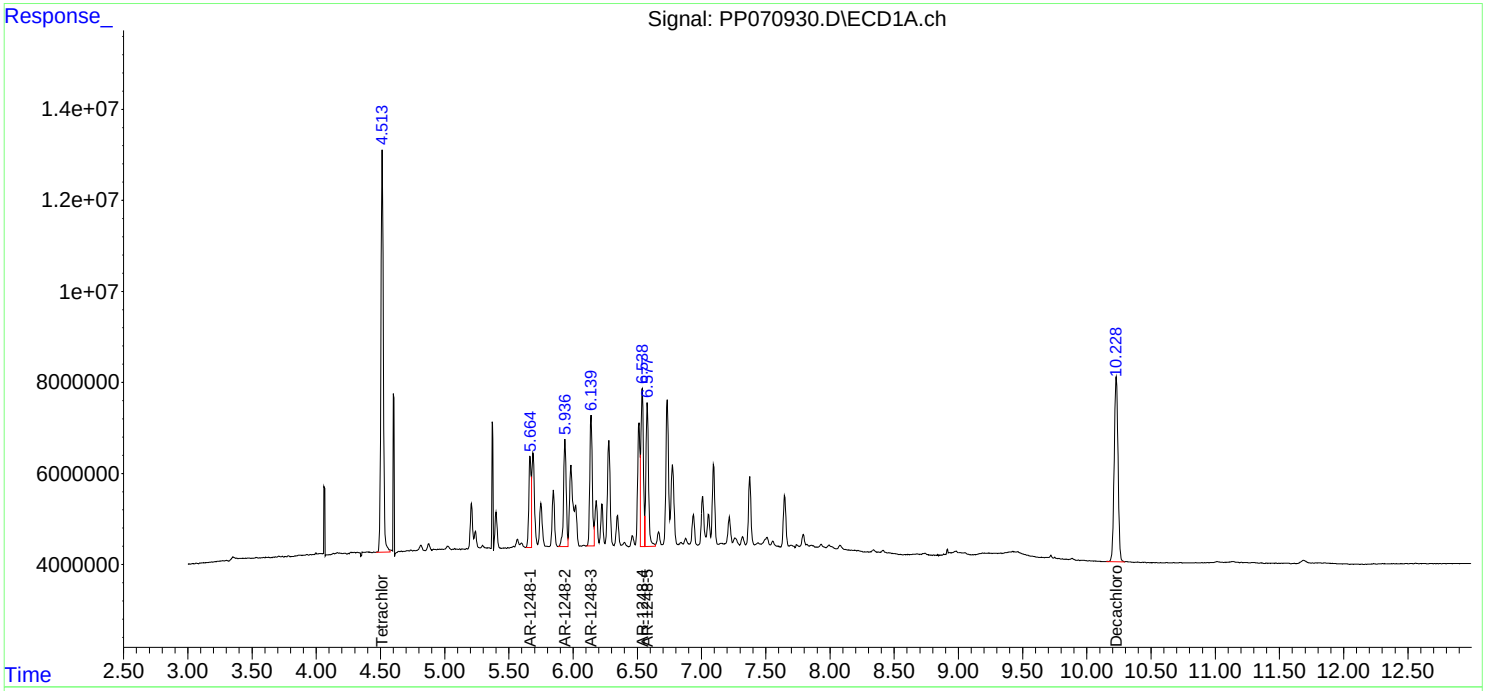
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

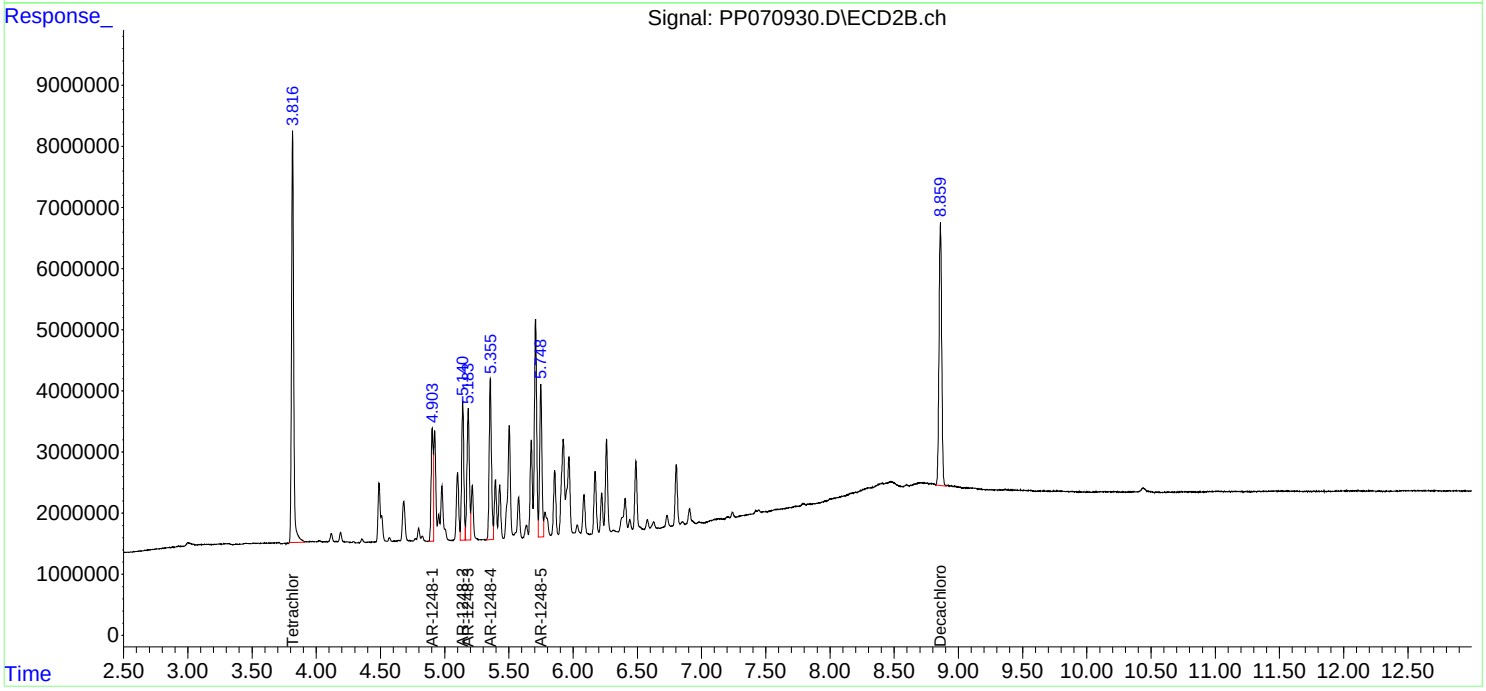
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070930.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 14:05
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

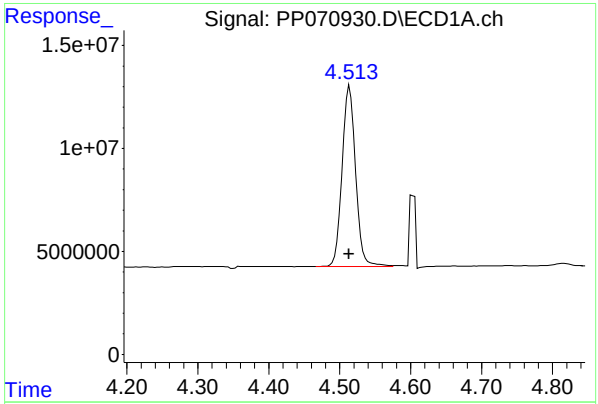
Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 14:46:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 14:45:17 2025
Response via : Initial Calibration
Integrator: ChemStation

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



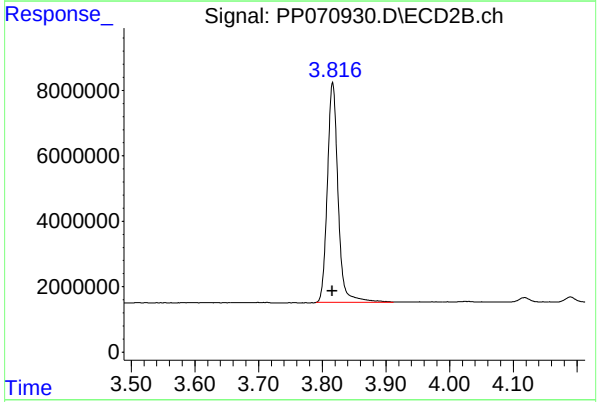




#1 Tetrachloro-m-xylene

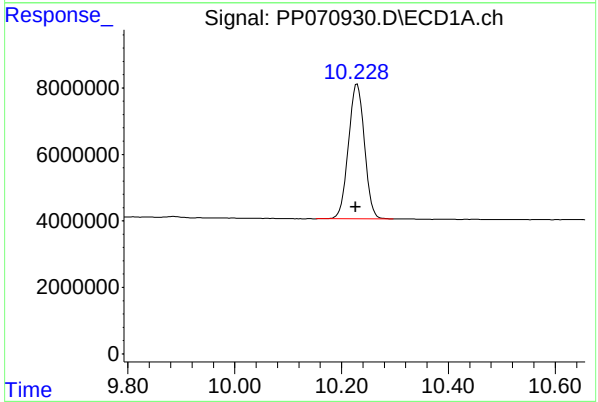
R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 115806846
Conc: 74.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



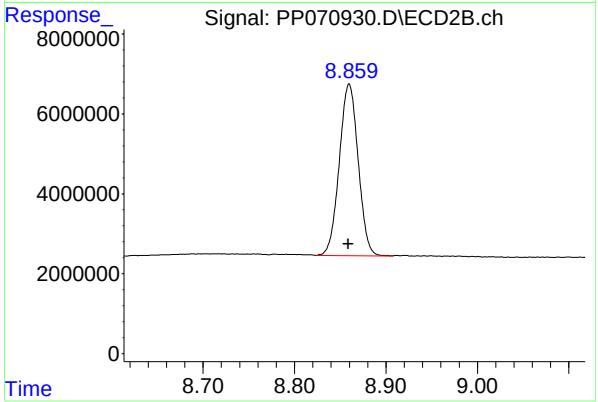
#1 Tetrachloro-m-xylene

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 78436191
Conc: 68.91 ng/ml



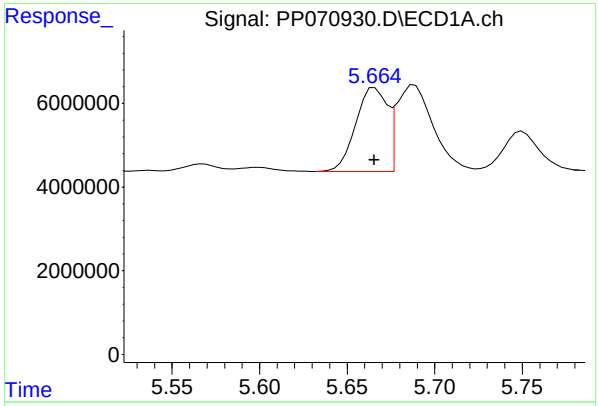
#2 Decachlorobiphenyl

R.T.: 10.229 min
Delta R.T.: 0.003 min
Response: 84334663
Conc: 69.98 ng/ml



#2 Decachlorobiphenyl

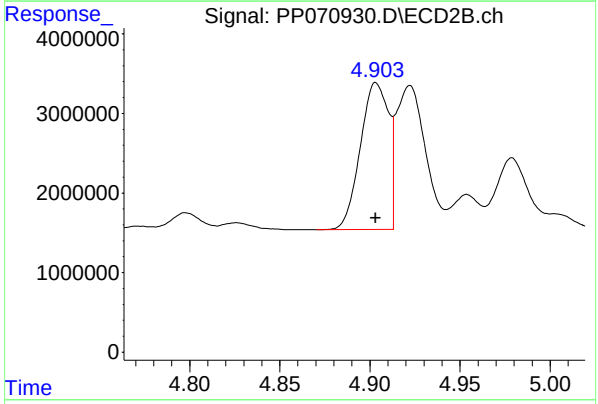
R.T.: 8.860 min
Delta R.T.: 0.000 min
Response: 61664461
Conc: 74.56 ng/ml



#21 AR-1248-1

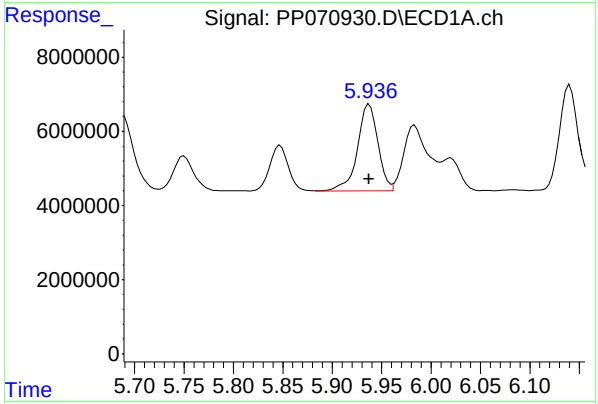
R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 25034469
Conc: 741.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



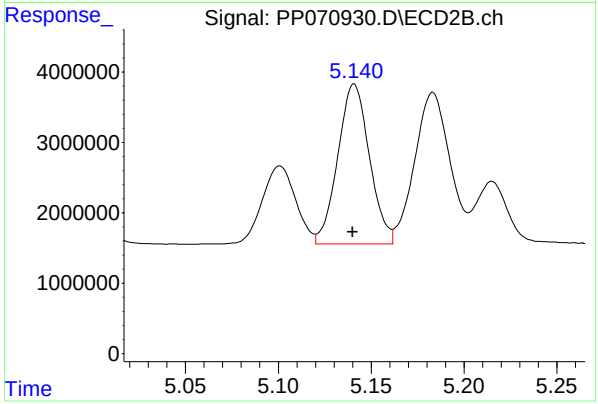
#21 AR-1248-1

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 20052758
Conc: 703.57 ng/ml



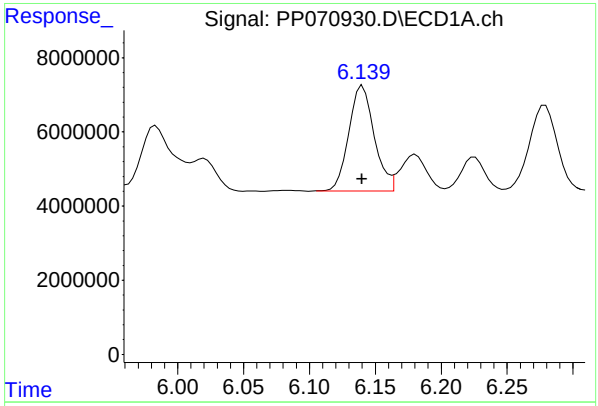
#22 AR-1248-2

R.T.: 5.938 min
Delta R.T.: 0.000 min
Response: 33734311
Conc: 730.30 ng/ml



#22 AR-1248-2

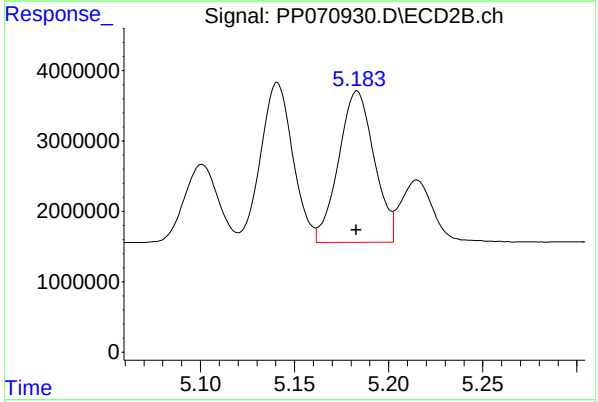
R.T.: 5.141 min
Delta R.T.: 0.000 min
Response: 26938678
Conc: 703.83 ng/ml



#23 AR-1248-3

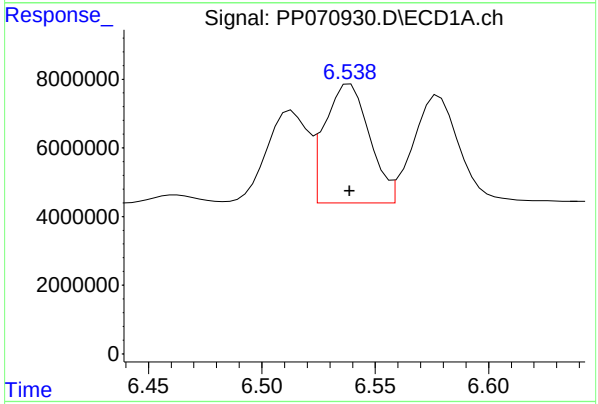
R.T.: 6.140 min
Delta R.T.: 0.000 min
Response: 38083098
Conc: 734.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



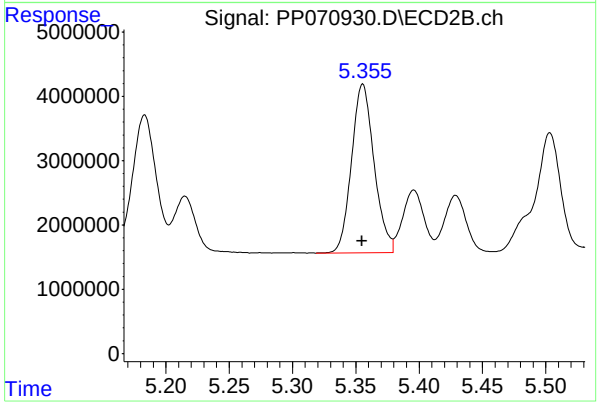
#23 AR-1248-3

R.T.: 5.183 min
Delta R.T.: 0.000 min
Response: 28275820
Conc: 707.53 ng/ml



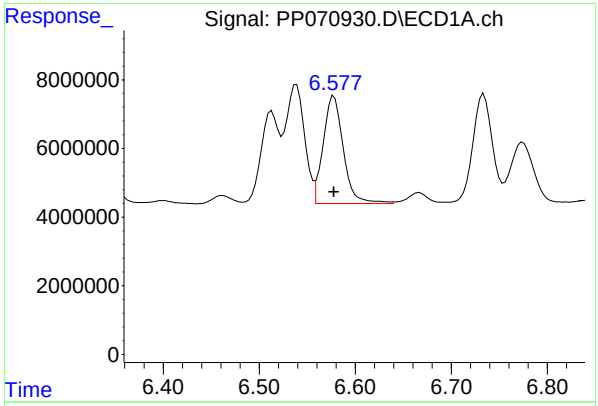
#24 AR-1248-4

R.T.: 6.539 min
Delta R.T.: 0.000 min
Response: 47603456
Conc: 710.08 ng/ml



#24 AR-1248-4

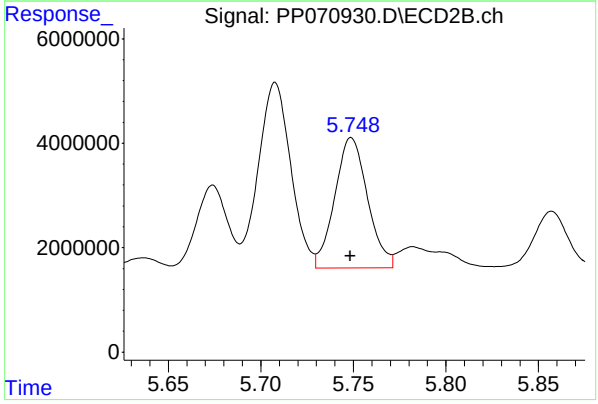
R.T.: 5.356 min
Delta R.T.: 0.000 min
Response: 32558799
Conc: 690.07 ng/ml



#25 AR-1248-5

R.T.: 6.578 min
Delta R.T.: 0.000 min
Response: 45378306
Conc: 705.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



#25 AR-1248-5

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 30836259
Conc: 702.02 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070931.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 14:22
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: Mar 27 14:46:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 14:45:17 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.513	3.816	77451968	56907988	50.000	50.000
2) SA	Decachlor...	10.226	8.859	60256834	41354865	50.000	50.000
	Target Compounds						
21) L5	AR-1248-1	5.665	4.903	16890769	14250625	500.000	500.000
22) L5	AR-1248-2	5.937	5.140	23096128	19137230	500.000	500.000
23) L5	AR-1248-3	6.140	5.183	25912526	19982060	500.000	500.000
24) L5	AR-1248-4	6.539	5.355	33519946	23590888	500.000	500.000
25) L5	AR-1248-5	6.578	5.748	32143070	21962659	500.000	500.000

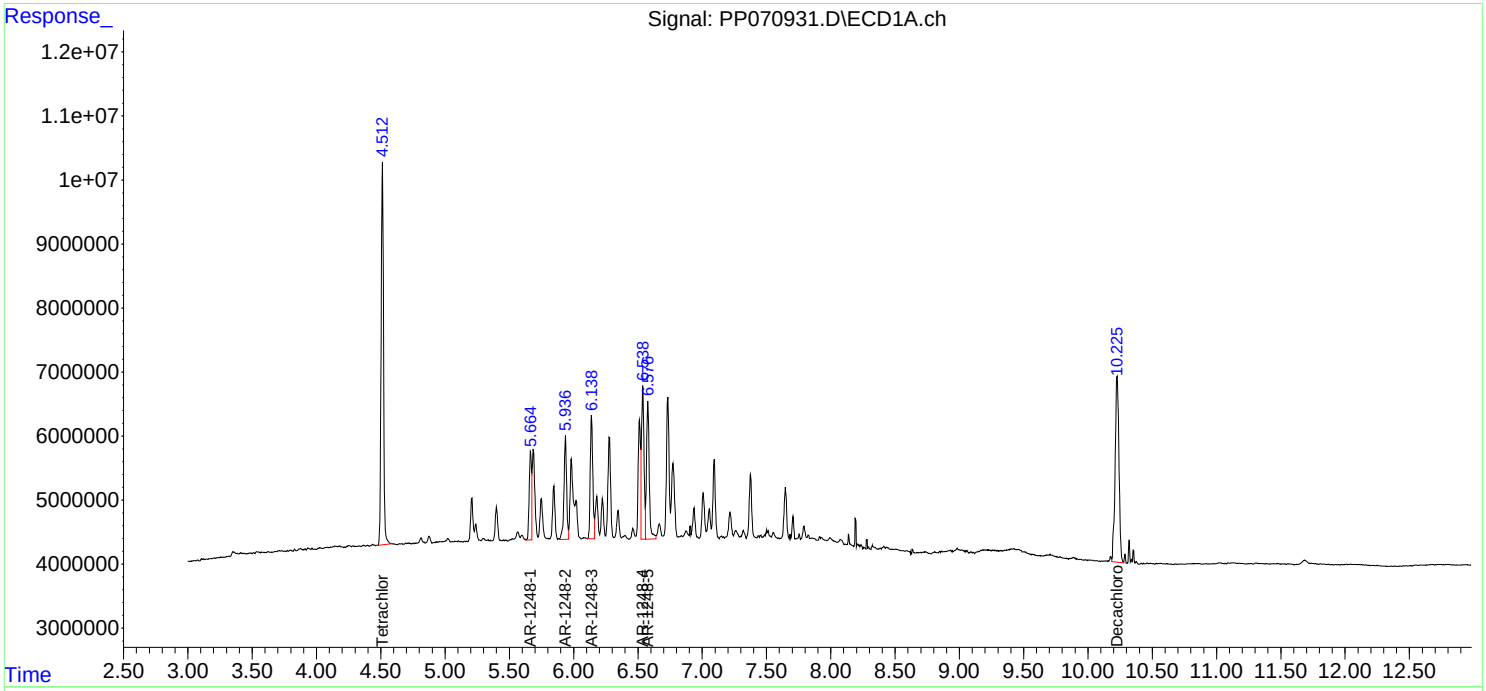
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

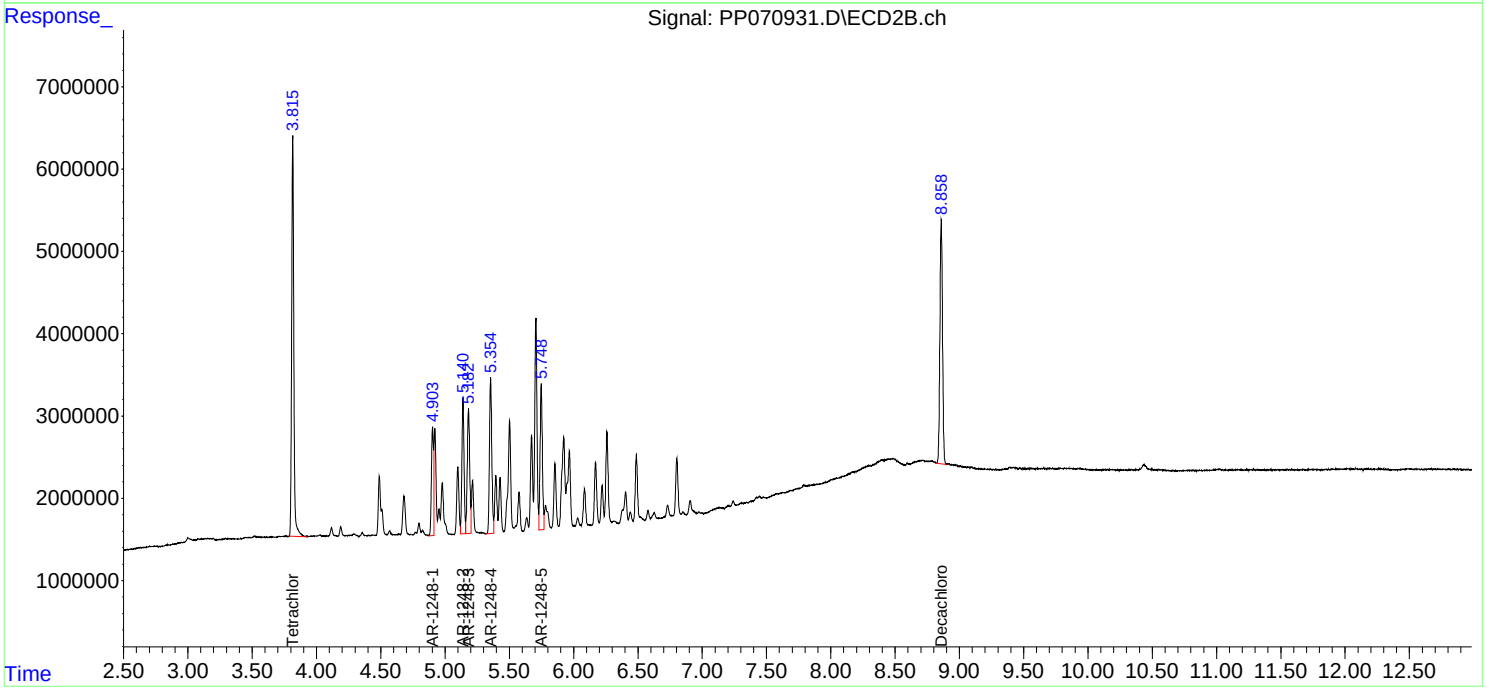
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070931.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 14:22
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

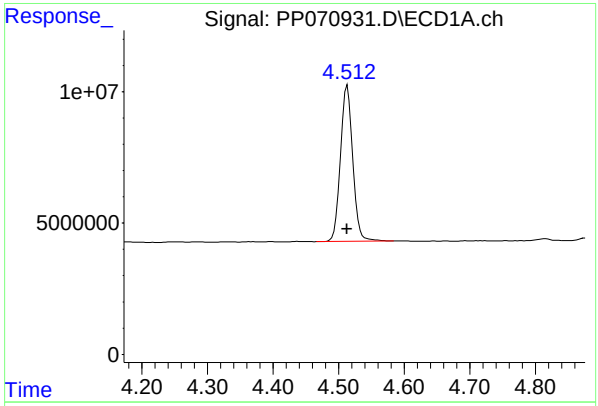
Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 14:46:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 14:45:17 2025
Response via : Initial Calibration
Integrator: ChemStation

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



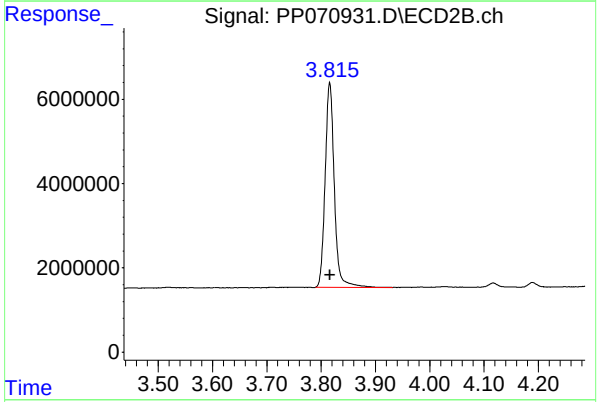




#1 Tetrachloro-m-xylene

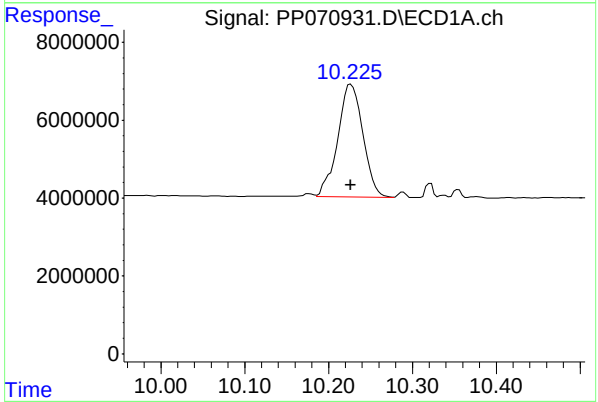
R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 77451968
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



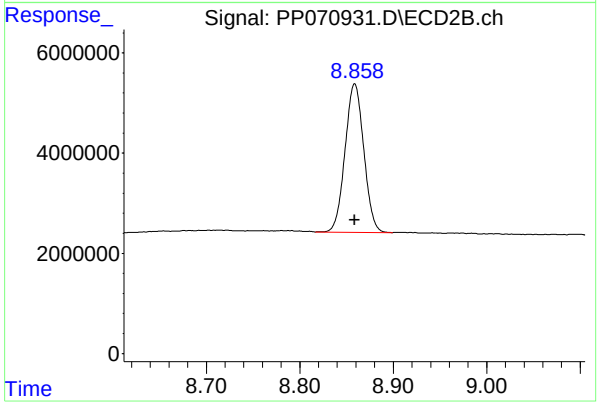
#1 Tetrachloro-m-xylene

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 56907988
Conc: 50.00 ng/ml



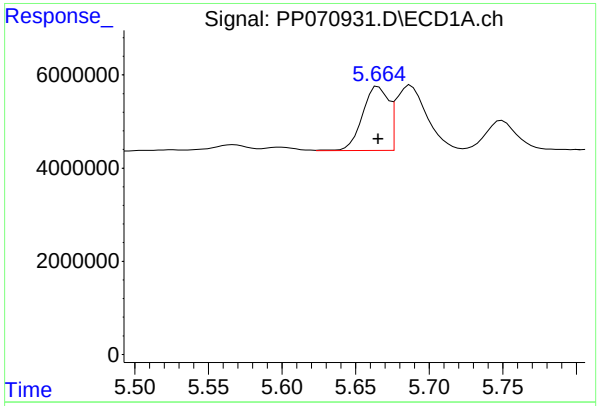
#2 Decachlorobiphenyl

R.T.: 10.226 min
Delta R.T.: 0.000 min
Response: 60256834
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

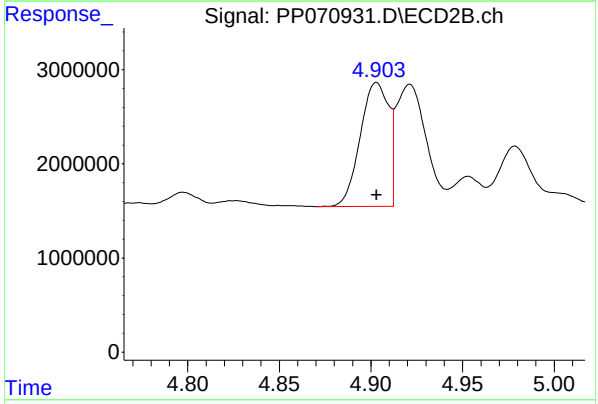
R.T.: 8.859 min
Delta R.T.: 0.000 min
Response: 41354865
Conc: 50.00 ng/ml



#21 AR-1248-1

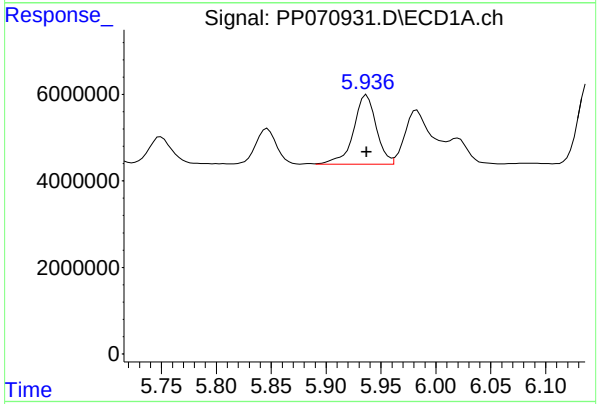
R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 16890769
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



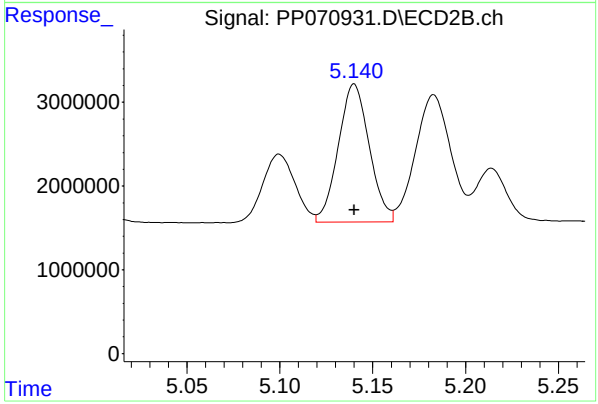
#21 AR-1248-1

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 14250625
Conc: 500.00 ng/ml



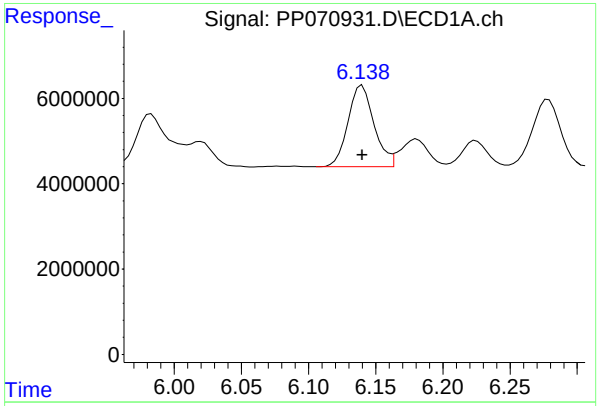
#22 AR-1248-2

R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 23096128
Conc: 500.00 ng/ml



#22 AR-1248-2

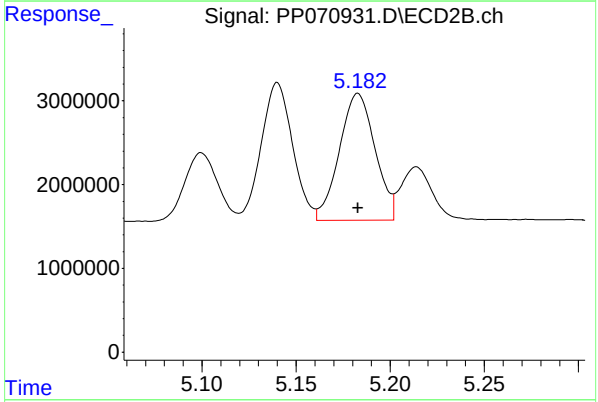
R.T.: 5.140 min
Delta R.T.: 0.000 min
Response: 19137230
Conc: 500.00 ng/ml



#23 AR-1248-3

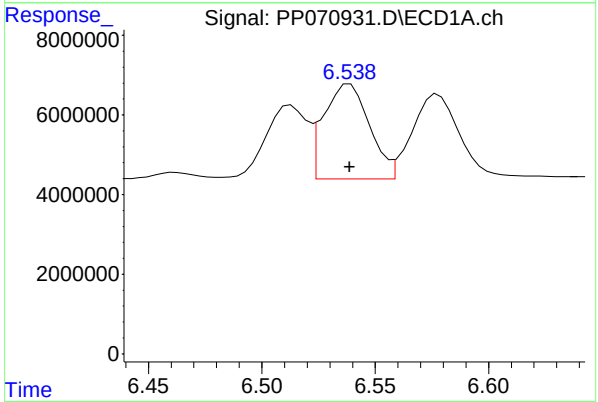
R.T.: 6.140 min
Delta R.T.: 0.000 min
Response: 25912526
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



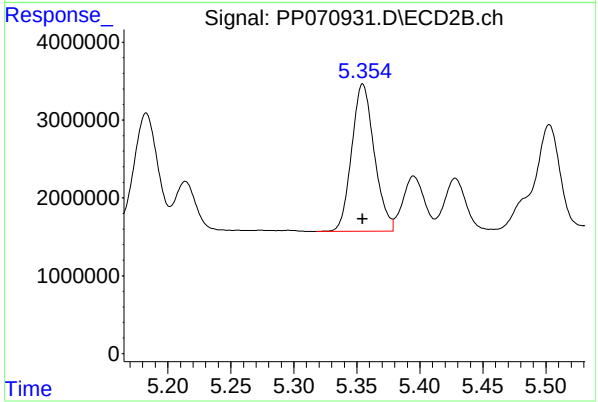
#23 AR-1248-3

R.T.: 5.183 min
Delta R.T.: 0.000 min
Response: 19982060
Conc: 500.00 ng/ml



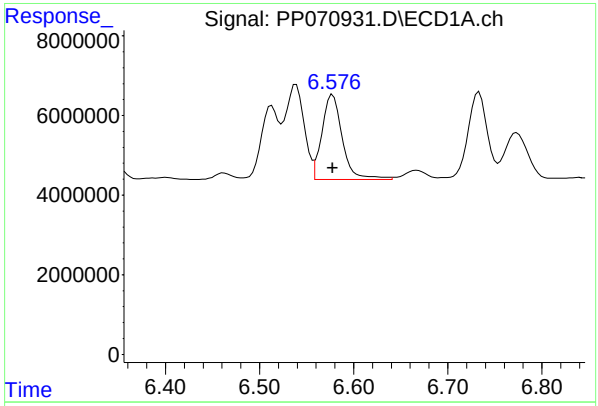
#24 AR-1248-4

R.T.: 6.539 min
Delta R.T.: 0.000 min
Response: 33519946
Conc: 500.00 ng/ml



#24 AR-1248-4

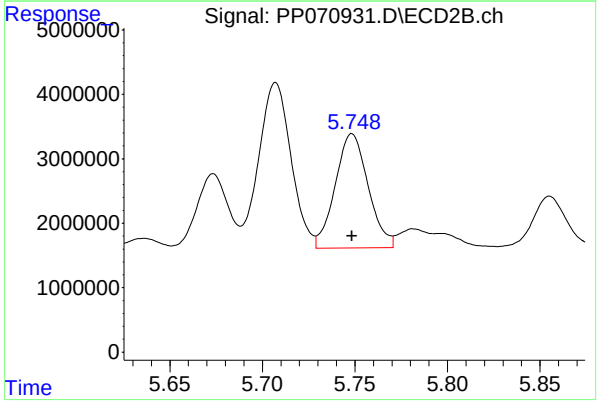
R.T.: 5.355 min
Delta R.T.: 0.000 min
Response: 23590888
Conc: 500.00 ng/ml



#25 AR-1248-5

R.T.: 6.578 min
Delta R.T.: 0.000 min
Response: 32143070
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



#25 AR-1248-5

R.T.: 5.748 min
Delta R.T.: 0.000 min
Response: 21962659
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070932.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 14:38
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: Mar 27 15:07:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 15:04:54 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.517	3.817	38987130	27101787	25.676	25.783
2) SA	Decachlor...	10.232	8.860	29177292	20157827	25.732	25.064
	Target Compounds						
21) L5	AR-1248-1	5.672	4.904	11497190	7301885	350.874	278.926
22) L5	AR-1248-2	5.941	5.141	11780544	9675655	264.590	275.754
23) L5	AR-1248-3	6.144	5.184	12674295	10119428	252.379	275.339
24) L5	AR-1248-4	6.543	5.356	18357259	12061061	289.258	281.127
25) L5	AR-1248-5	6.582	5.750	17129846	11658567	283.226	286.518

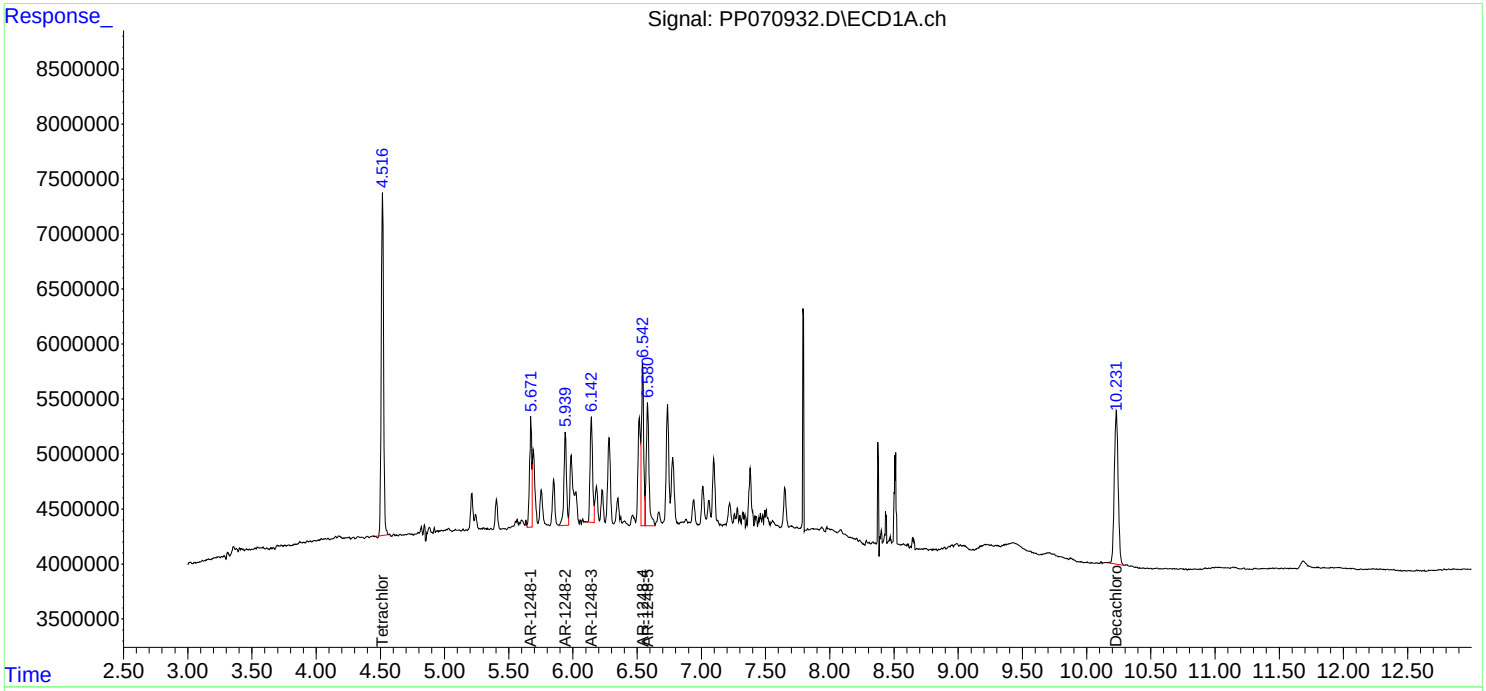
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

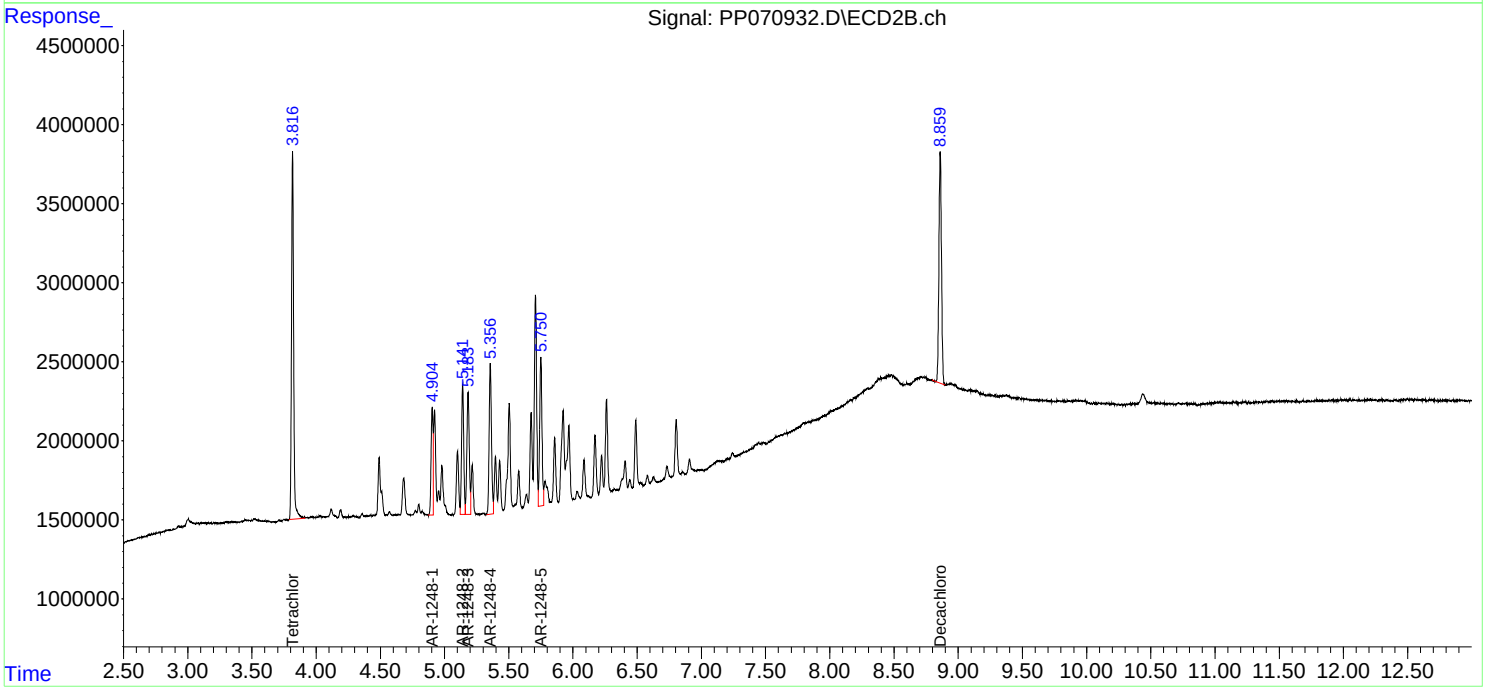
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070932.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 14:38
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

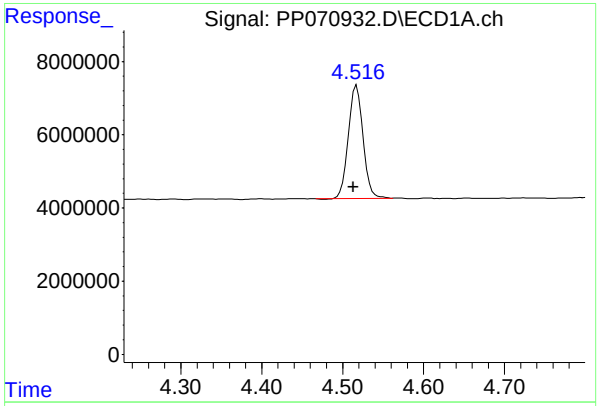
Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 15:07:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 15:04:54 2025
Response via : Initial Calibration
Integrator: ChemStation

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



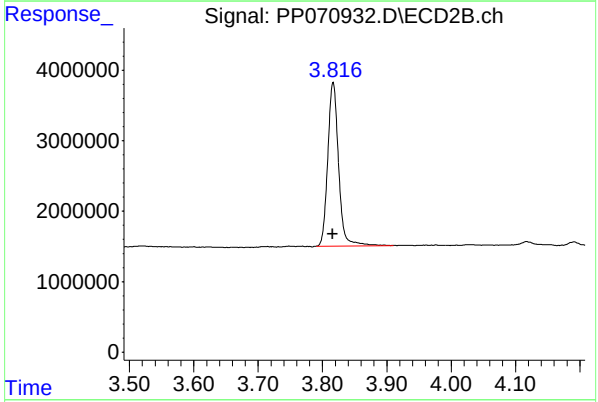




#1 Tetrachloro-m-xylene

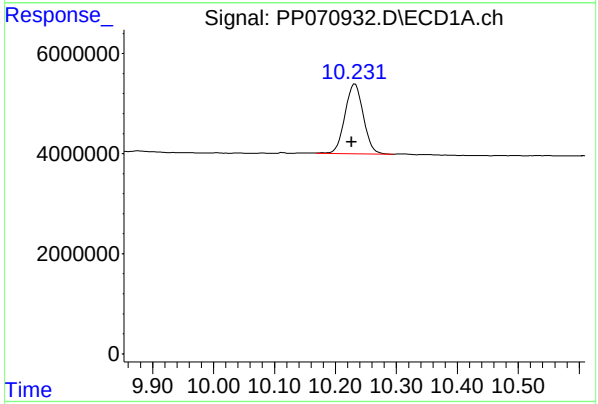
R.T.: 4.517 min
Delta R.T.: 0.004 min
Response: 38987130
Conc: 25.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



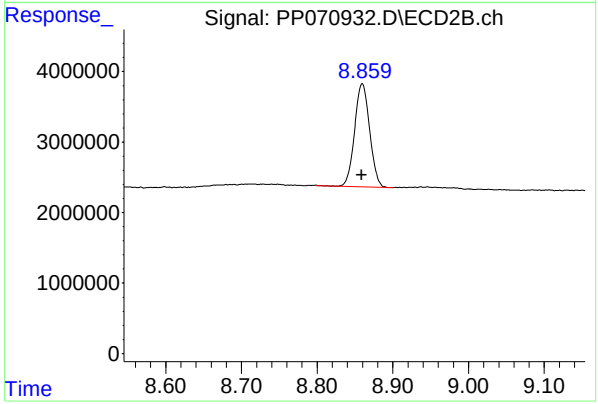
#1 Tetrachloro-m-xylene

R.T.: 3.817 min
Delta R.T.: 0.000 min
Response: 27101787
Conc: 25.78 ng/ml



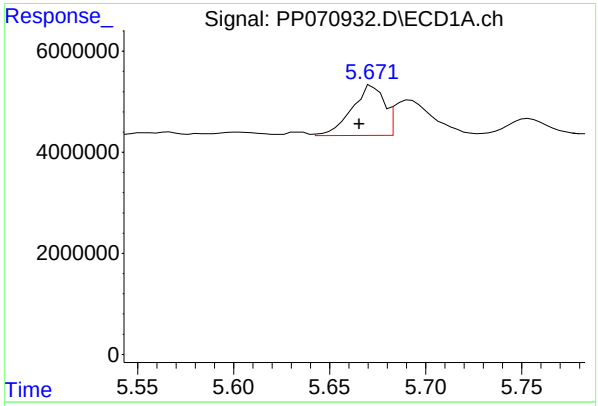
#2 Decachlorobiphenyl

R.T.: 10.232 min
Delta R.T.: 0.006 min
Response: 29177292
Conc: 25.73 ng/ml



#2 Decachlorobiphenyl

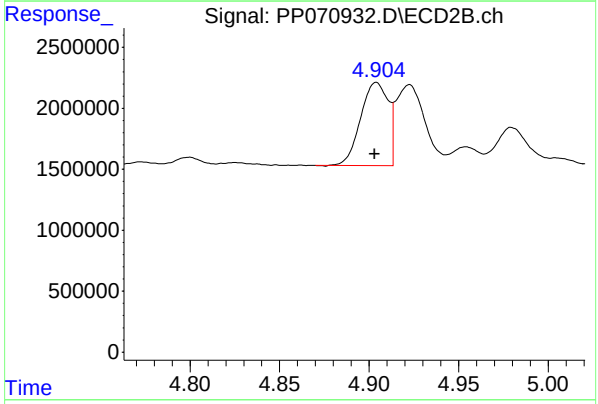
R.T.: 8.860 min
Delta R.T.: 0.000 min
Response: 20157827
Conc: 25.06 ng/ml



#21 AR-1248-1

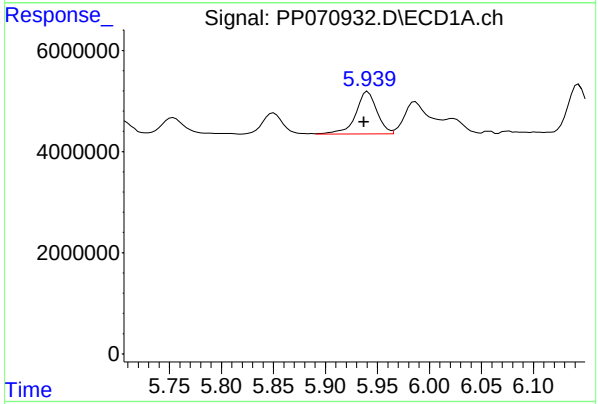
R.T.: 5.672 min
Delta R.T.: 0.007 min
Response: 11497190
Conc: 350.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



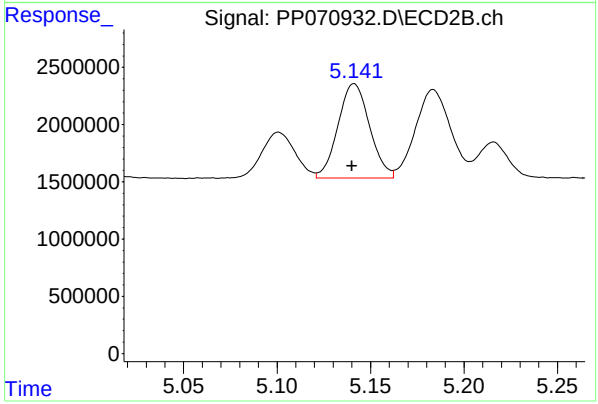
#21 AR-1248-1

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 7301885
Conc: 278.93 ng/ml



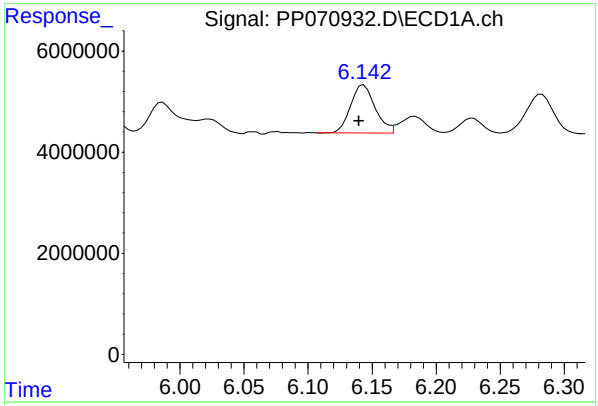
#22 AR-1248-2

R.T.: 5.941 min
Delta R.T.: 0.004 min
Response: 11780544
Conc: 264.59 ng/ml



#22 AR-1248-2

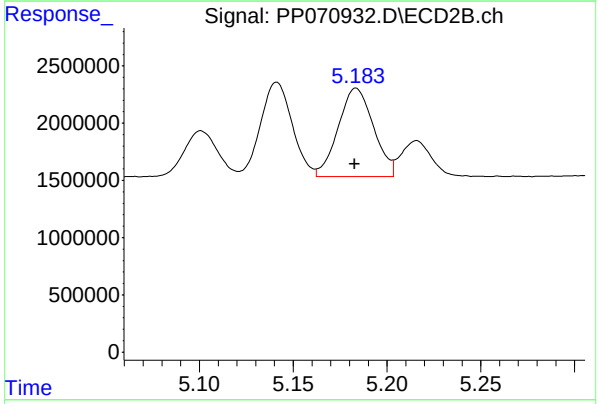
R.T.: 5.141 min
Delta R.T.: 0.001 min
Response: 9675655
Conc: 275.75 ng/ml



#23 AR-1248-3

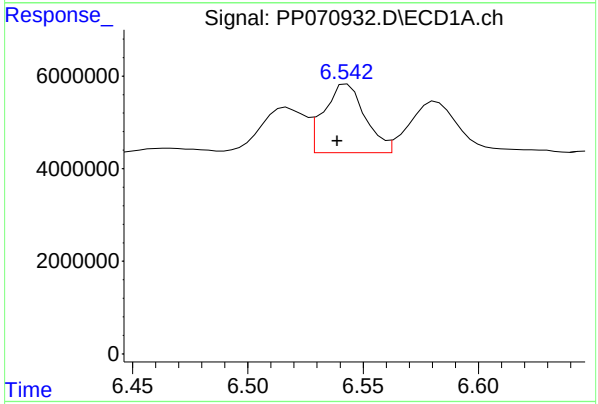
R.T.: 6.144 min
Delta R.T.: 0.004 min
Response: 12674295
Conc: 252.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



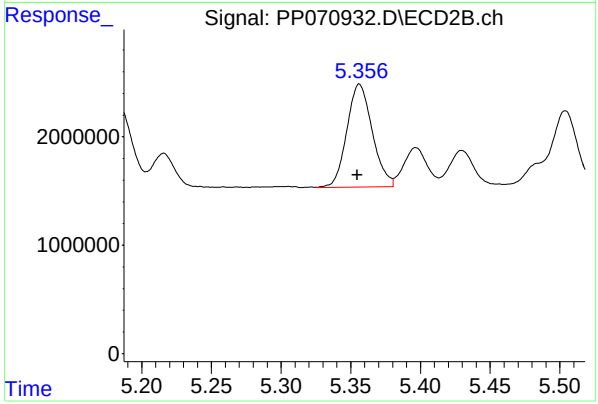
#23 AR-1248-3

R.T.: 5.184 min
Delta R.T.: 0.000 min
Response: 10119428
Conc: 275.34 ng/ml



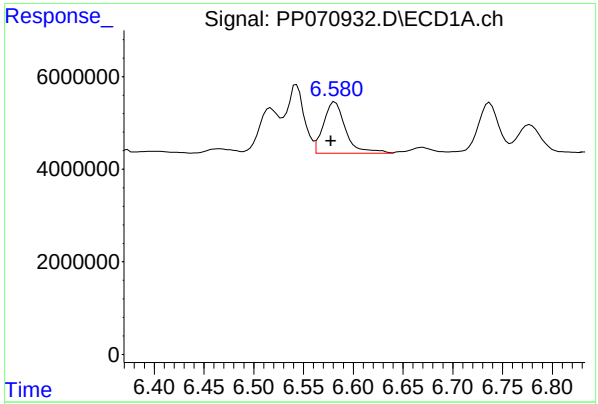
#24 AR-1248-4

R.T.: 6.543 min
Delta R.T.: 0.004 min
Response: 18357259
Conc: 289.26 ng/ml



#24 AR-1248-4

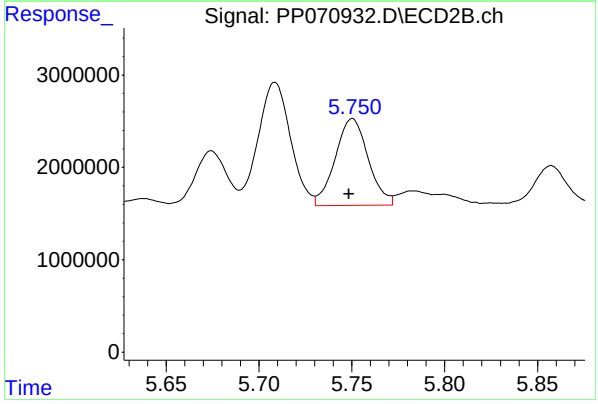
R.T.: 5.356 min
Delta R.T.: 0.002 min
Response: 12061061
Conc: 281.13 ng/ml



#25 AR-1248-5

R.T.: 6.582 min
Delta R.T.: 0.004 min
Response: 17129846
Conc: 283.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



#25 AR-1248-5

R.T.: 5.750 min
Delta R.T.: 0.002 min
Response: 11658567
Conc: 286.52 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070933.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 14:55
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 15:16:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 15:04:54 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.513	3.815	7324663	5848649	4.791	5.521
2)	SA Decachlor...	10.227	8.859	5549589	3661642	4.859	4.550
	Target Compounds						
21)	L5 AR-1248-1	5.665	4.902	1857345	1382826	51.489	51.338
22)	L5 AR-1248-2	5.935	5.140	2199982	1982278	48.701m	55.076
23)	L5 AR-1248-3	6.137	5.182	2591630	2128069	51.484m	56.472
24)	L5 AR-1248-4	6.536	5.354	2845967	2437650	43.150m	55.103 #
25)	L5 AR-1248-5	6.576	5.748	2713422	2234402	43.421m	52.978

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

ICAL Form

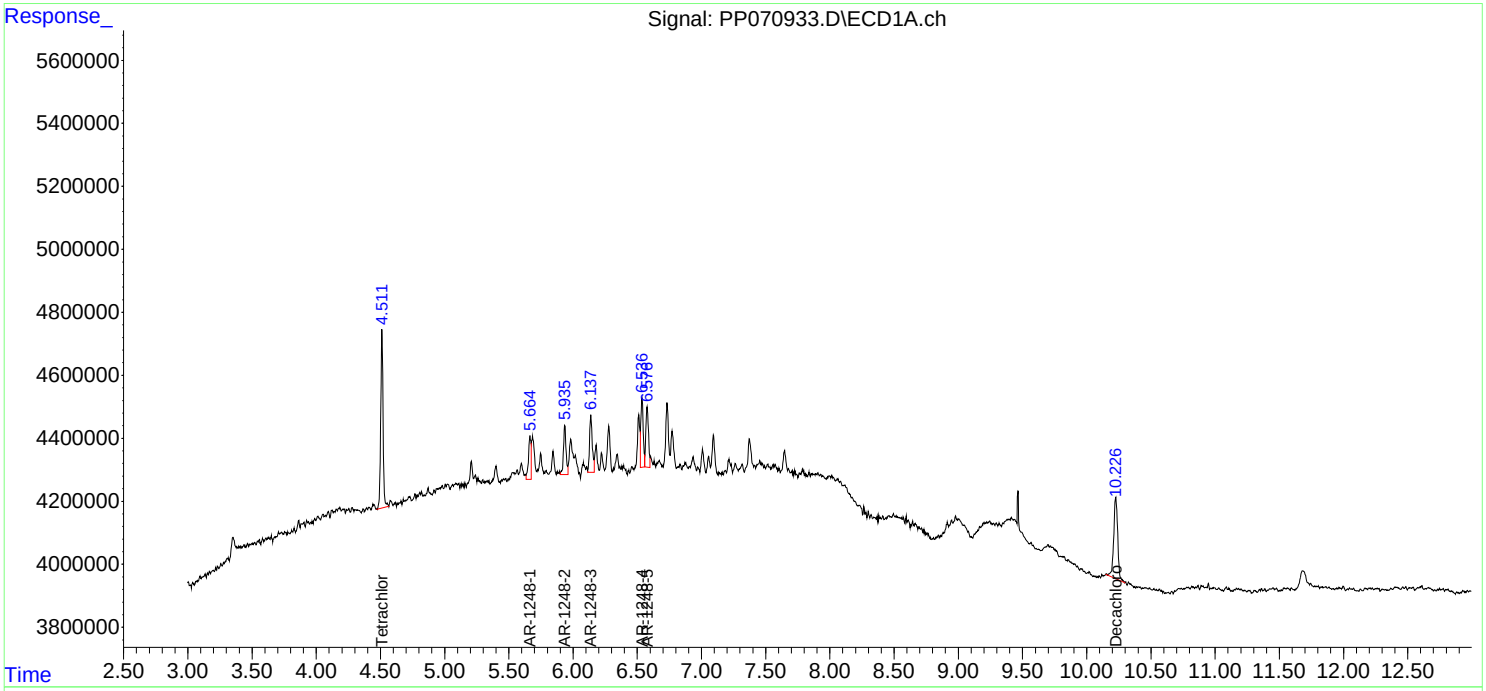
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070933.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 14:55
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

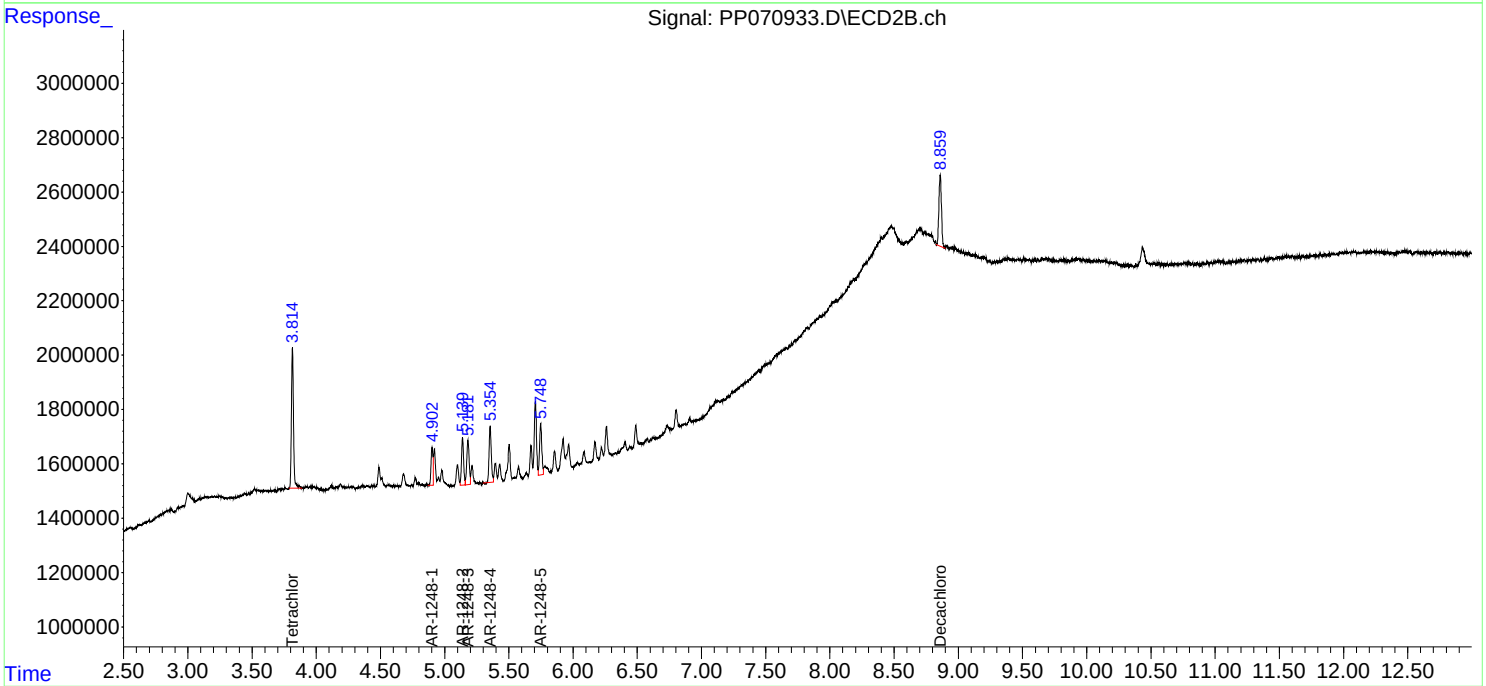
Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

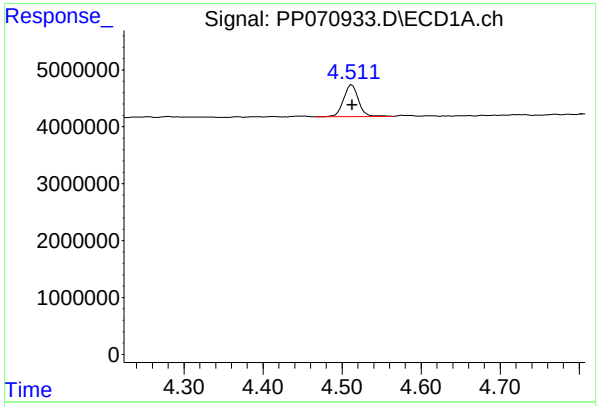
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 15:16:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 15:04:54 2025
Response via : Initial Calibration
Integrator: ChemStation

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







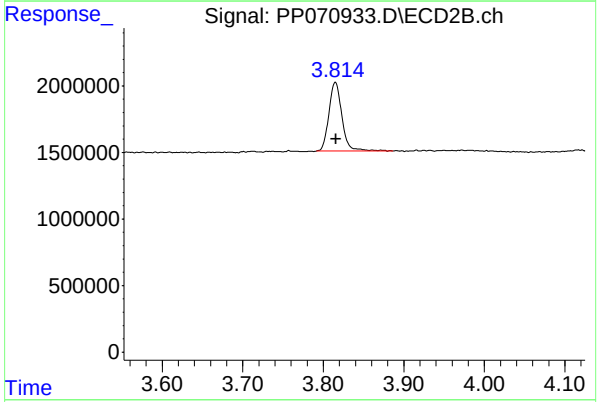
#1 Tetrachloro-m-xylene

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 7324663
Conc: 4.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

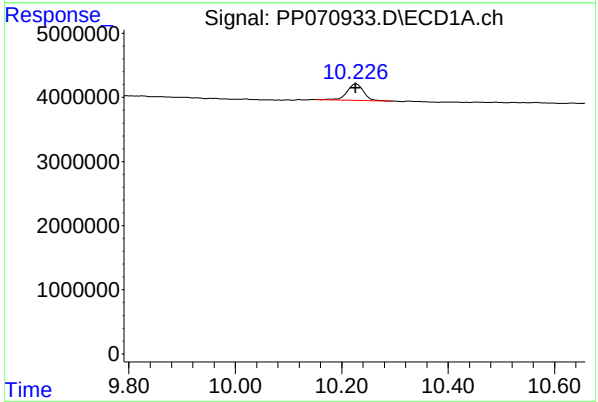
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



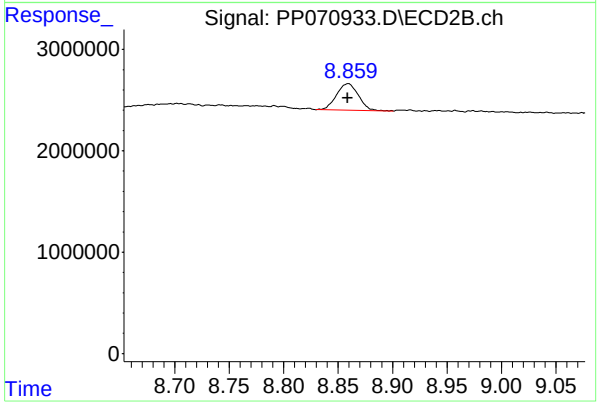
#1 Tetrachloro-m-xylene

R.T.: 3.815 min
Delta R.T.: 0.000 min
Response: 5848649
Conc: 5.52 ng/ml



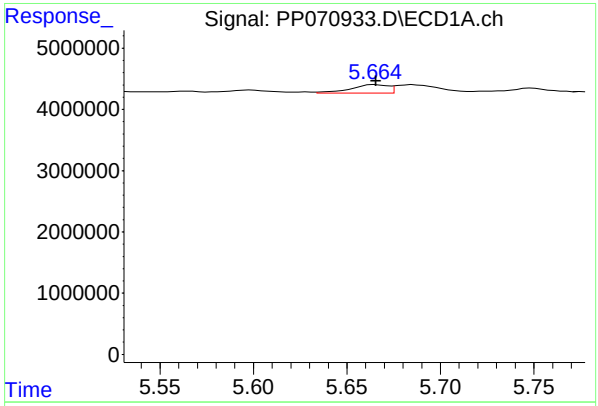
#2 Decachlorobiphenyl

R.T.: 10.227 min
Delta R.T.: 0.000 min
Response: 5549589
Conc: 4.86 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.859 min
Delta R.T.: 0.000 min
Response: 3661642
Conc: 4.55 ng/ml



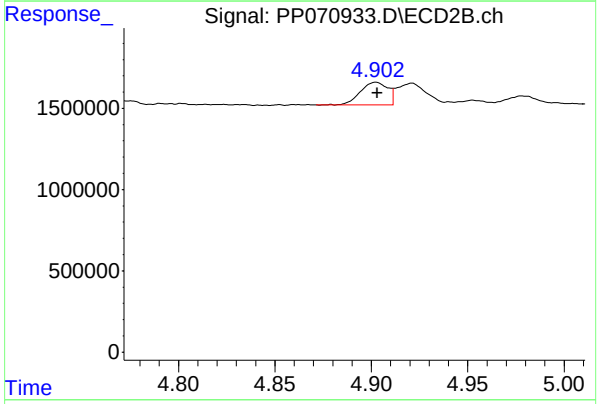
#21 AR-1248-1

R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 1857345
Conc: 51.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

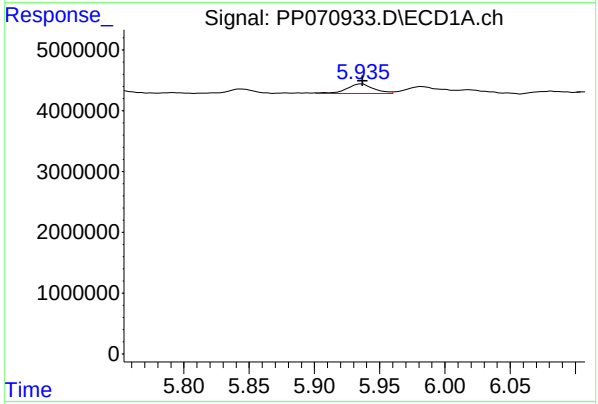
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



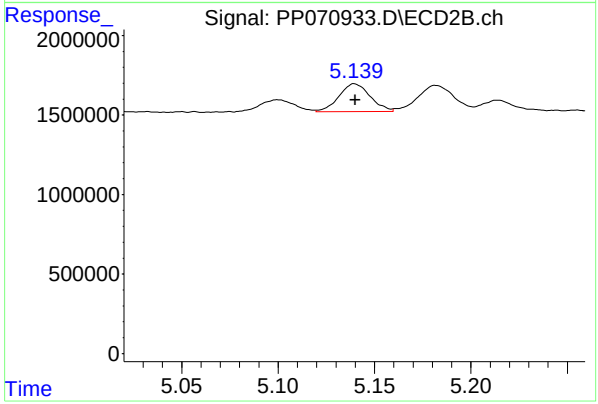
#21 AR-1248-1

R.T.: 4.902 min
Delta R.T.: 0.000 min
Response: 1382826
Conc: 51.34 ng/ml



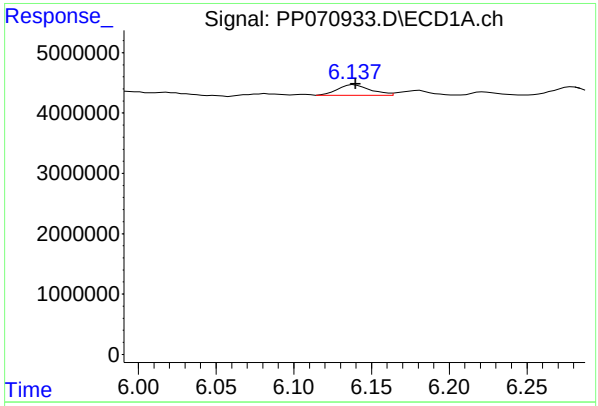
#22 AR-1248-2

R.T.: 5.935 min
Delta R.T.: -0.002 min
Response: 2199982
Conc: 48.70 ng/ml m



#22 AR-1248-2

R.T.: 5.140 min
Delta R.T.: 0.000 min
Response: 1982278
Conc: 55.08 ng/ml



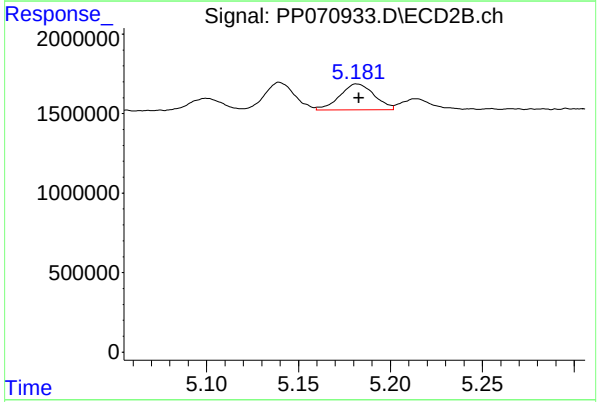
#23 AR-1248-3

R.T.: 6.137 min
Delta R.T.: -0.002 mi
Response: 2591630
Conc: 51.48 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

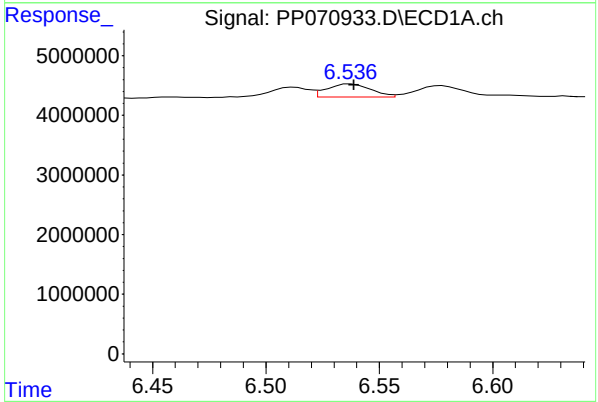
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



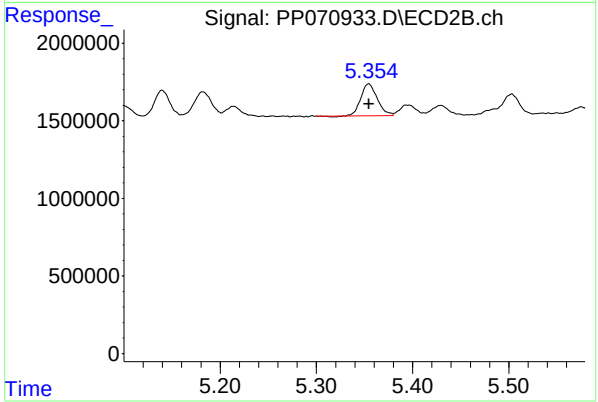
#23 AR-1248-3

R.T.: 5.182 min
Delta R.T.: 0.000 min
Response: 2128069
Conc: 56.47 ng/ml



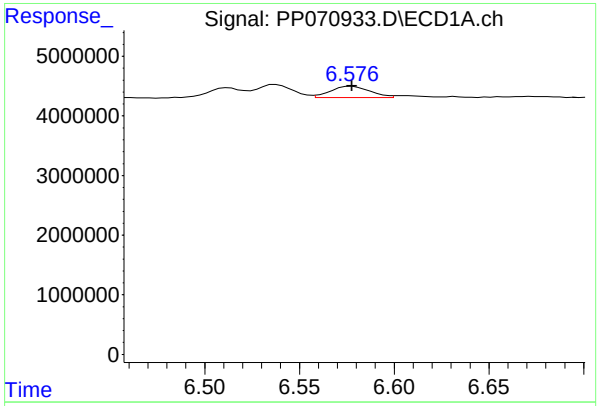
#24 AR-1248-4

R.T.: 6.536 min
Delta R.T.: -0.003 min
Response: 2845967
Conc: 43.15 ng/ml m



#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 2437650
Conc: 55.10 ng/ml



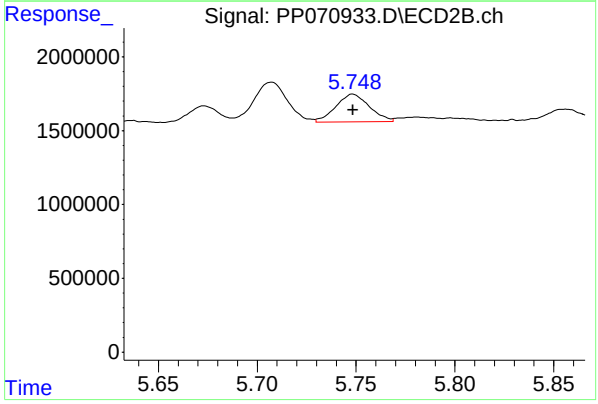
#25 AR-1248-5

R.T.: 6.576 min
Delta R.T.: -0.001 min
Response: 2713422
Conc: 43.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



#25 AR-1248-5

R.T.: 5.748 min
Delta R.T.: 0.000 min
Response: 2234402
Conc: 52.98 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070934.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 15:11
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 16:19:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 16:07:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.514	3.816	150.1E6	104.3E6	95.275	94.048
2)	SA Decachlor...	10.231	8.860	109.5E6	78348381	93.754	86.018
	Target Compounds						
26)	L6 AR-1254-1	6.516	5.709	60157506	58928147	918.830	891.736
27)	L6 AR-1254-2	6.732	5.857	92838442	50145967	911.948	882.952
28)	L6 AR-1254-3	7.095	6.261	92334650	77448562	928.765	882.456
29)	L6 AR-1254-4	7.379	6.490	84238161	49998215	970.458	893.353
30)	L6 AR-1254-5	7.792	6.908	74433164	65979008	920.580m	918.596

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070934.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 15:11
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

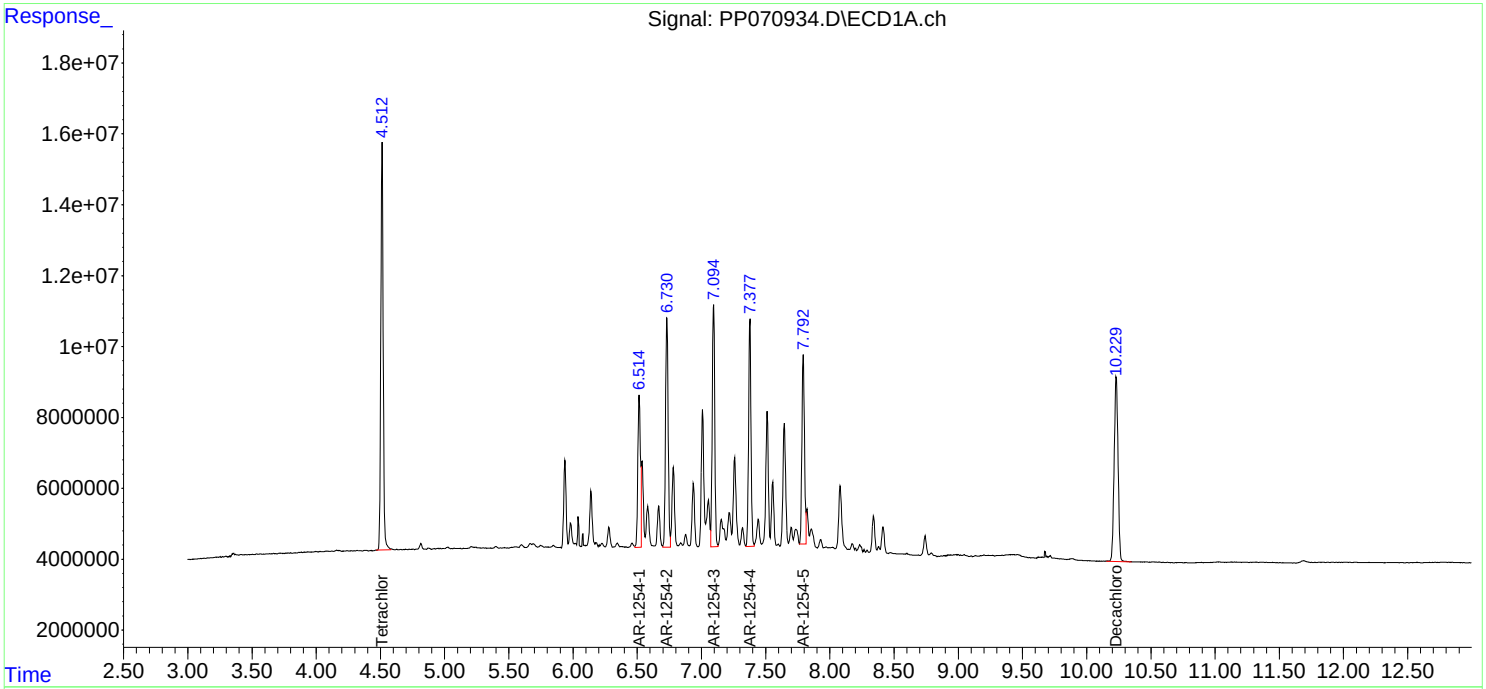
Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

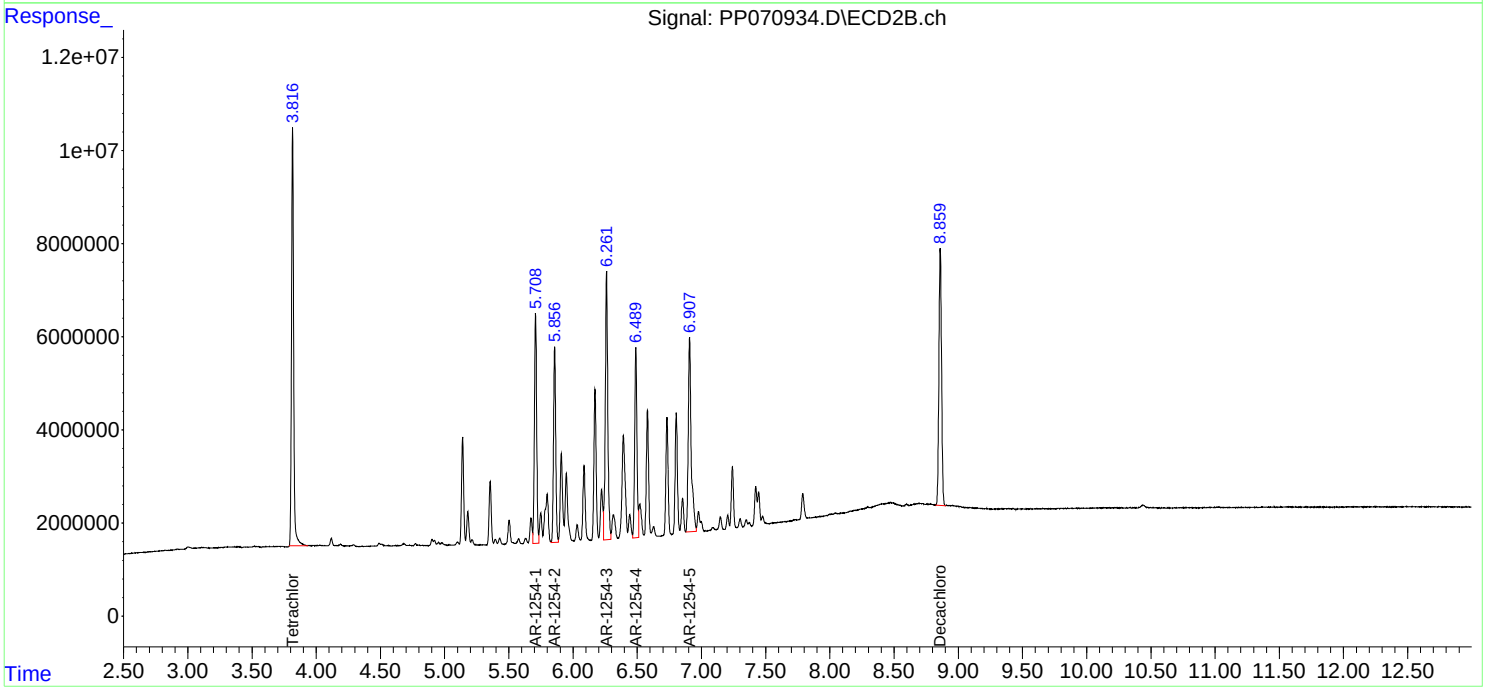
Manual Integrations APPROVED

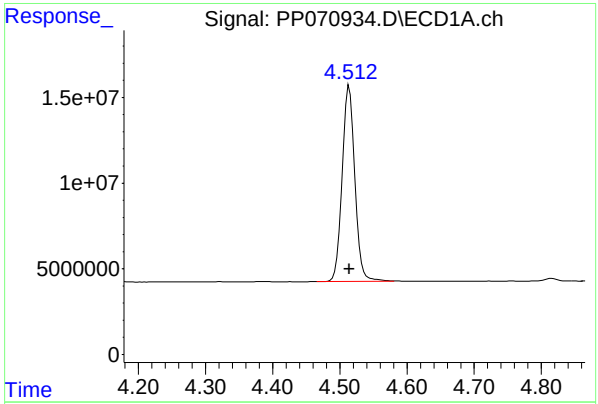
Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 16:19:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 16:07:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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







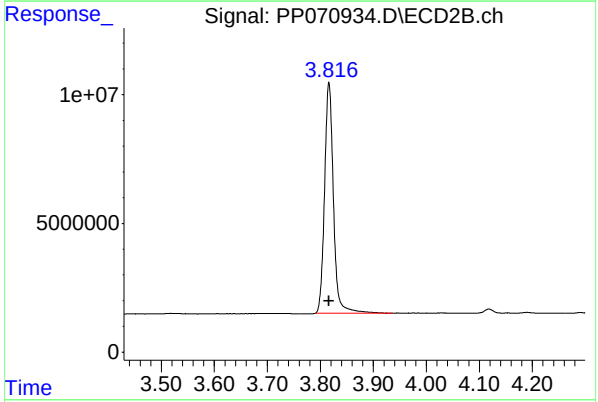
#1 Tetrachloro-m-xylene

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 150128836
Conc: 95.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

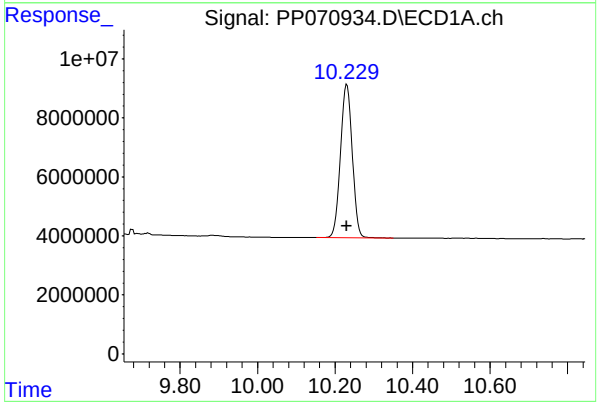
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



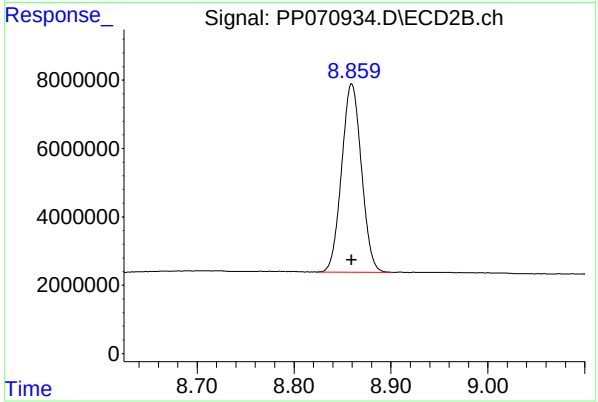
#1 Tetrachloro-m-xylene

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 104259560
Conc: 94.05 ng/ml



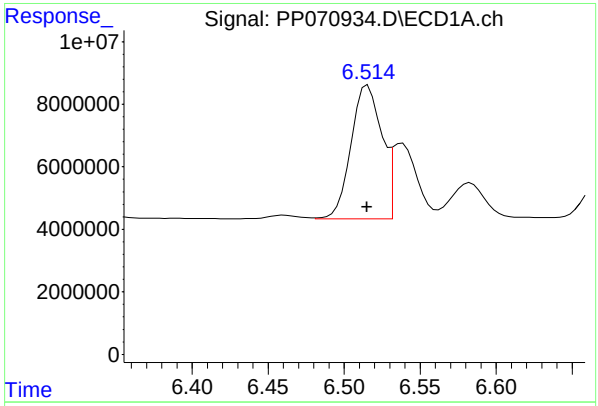
#2 Decachlorobiphenyl

R.T.: 10.231 min
Delta R.T.: 0.001 min
Response: 109543241
Conc: 93.75 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.860 min
Delta R.T.: 0.000 min
Response: 78348381
Conc: 86.02 ng/ml



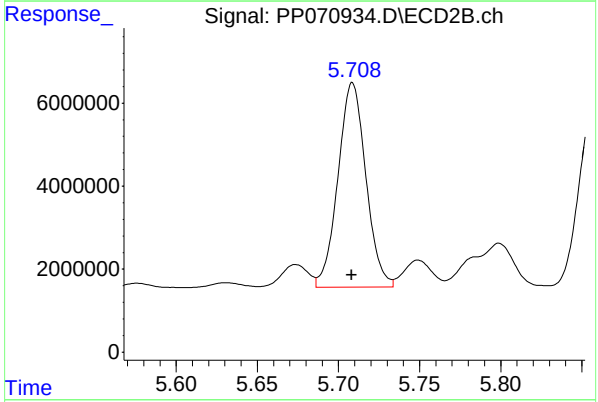
#26 AR-1254-1

R.T.: 6.516 min
Delta R.T.: 0.000 min
Response: 60157506
Conc: 918.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

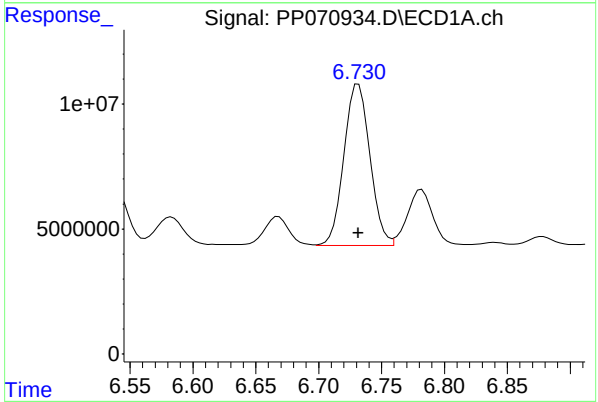
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



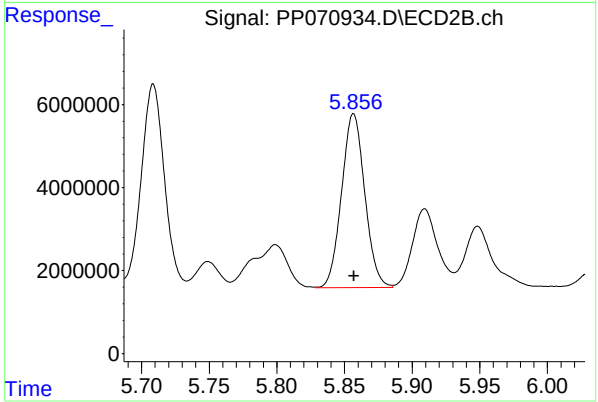
#26 AR-1254-1

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 58928147
Conc: 891.74 ng/ml



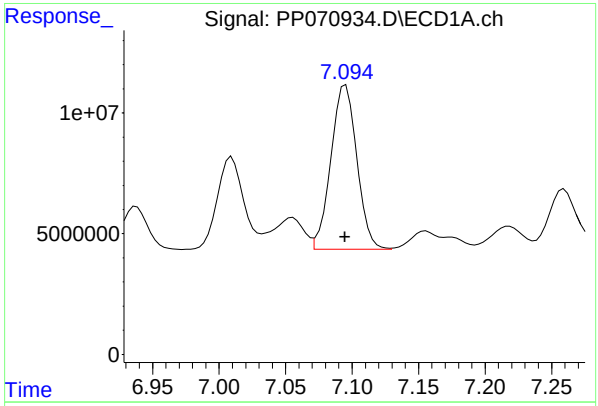
#27 AR-1254-2

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 92838442
Conc: 911.95 ng/ml



#27 AR-1254-2

R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 50145967
Conc: 882.95 ng/ml



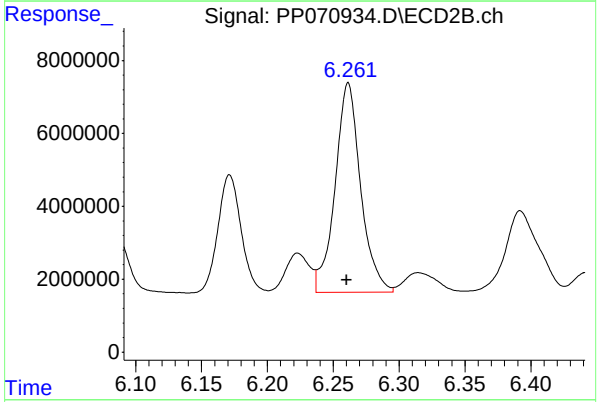
#28 AR-1254-3

R.T.: 7.095 min
Delta R.T.: 0.000 min
Response: 92334650
Conc: 928.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

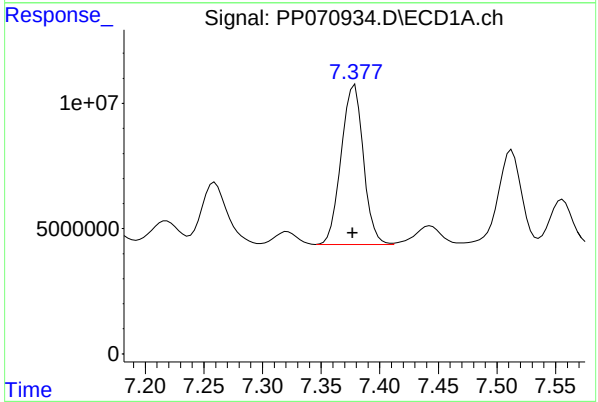
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



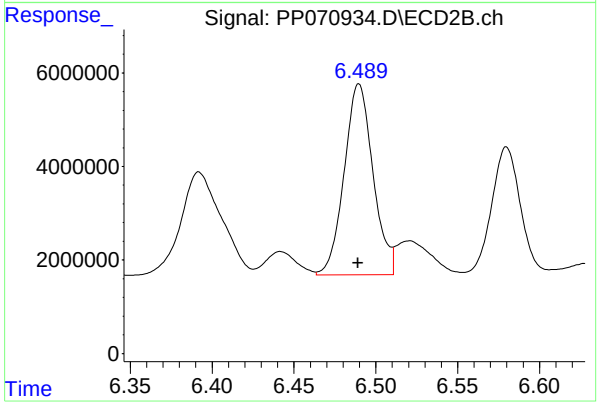
#28 AR-1254-3

R.T.: 6.261 min
Delta R.T.: 0.001 min
Response: 77448562
Conc: 882.46 ng/ml



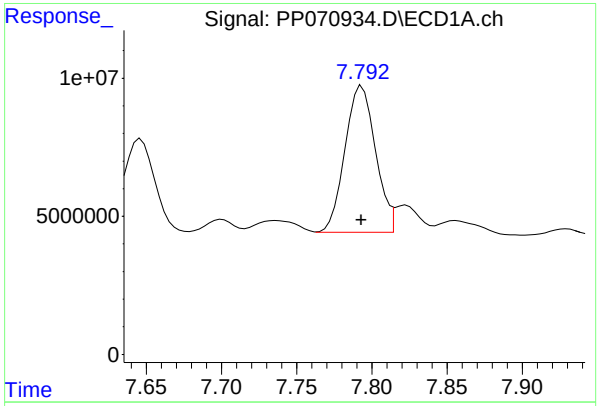
#29 AR-1254-4

R.T.: 7.379 min
Delta R.T.: 0.002 min
Response: 84238161
Conc: 970.46 ng/ml



#29 AR-1254-4

R.T.: 6.490 min
Delta R.T.: 0.000 min
Response: 49998215
Conc: 893.35 ng/ml



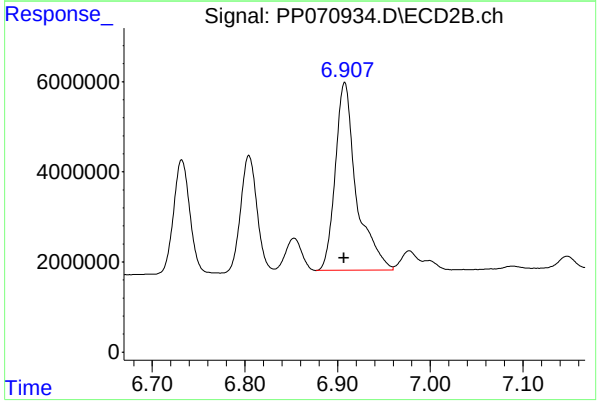
#30 AR-1254-5

R.T.: 7.792 min
Delta R.T.: 0.000 min
Response: 74433164
Conc: 920.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



#30 AR-1254-5

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 65979008
Conc: 918.60 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070935.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 15:27
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 16:19:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 16:07:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.514	3.816	116.3E6	81865229	73.835	73.847
2)	SA Decachlor...	10.228	8.859	85851924	59713645	73.477	65.559
	Target Compounds						
26)	L6 AR-1254-1	6.515	5.708	47300573	46349687	722.456	701.391
27)	L6 AR-1254-2	6.731	5.856	72785411	40339655	714.968	710.286
28)	L6 AR-1254-3	7.094	6.260	73541603	62731680	739.732	714.771
29)	L6 AR-1254-4	7.377	6.490	65835410	40961211	758.451	731.883
30)	L6 AR-1254-5	7.792	6.907	59278726	53519032	733.152m	745.122

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070935.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 15:27
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

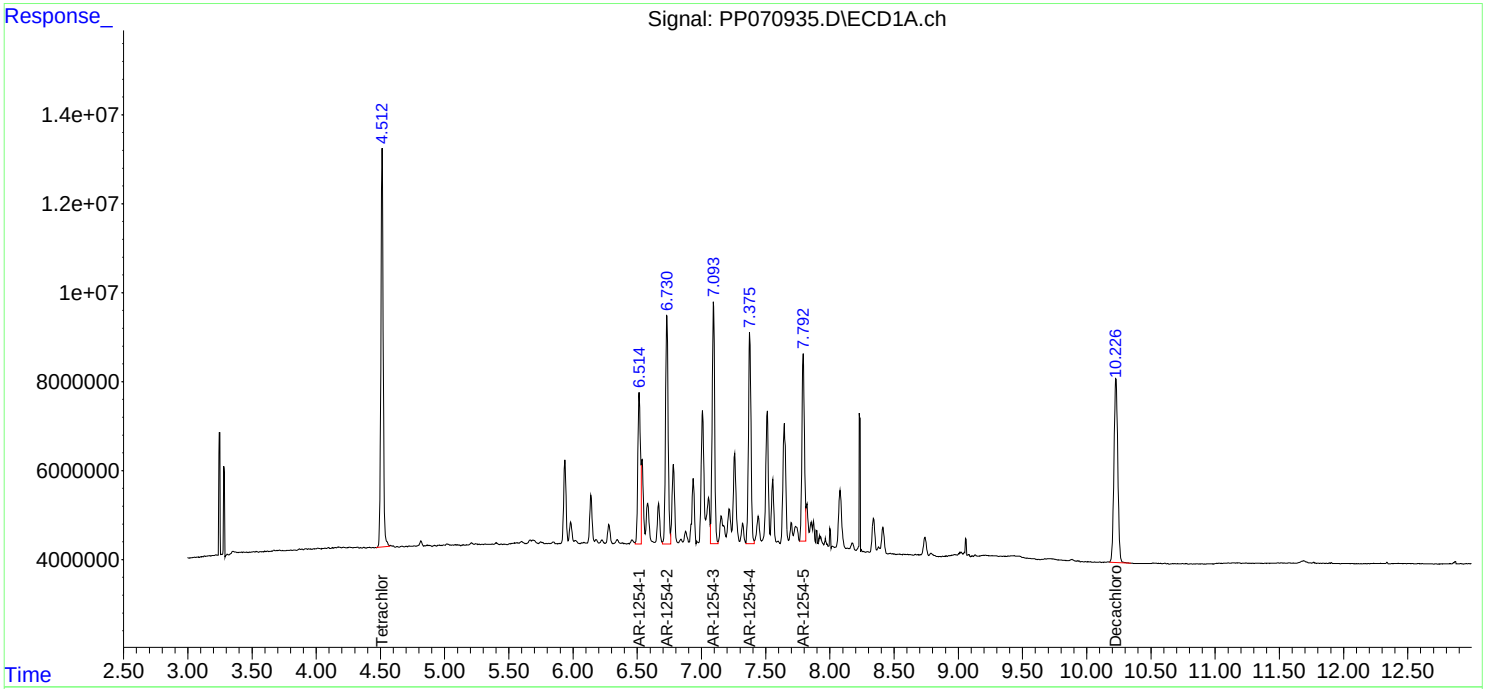
Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

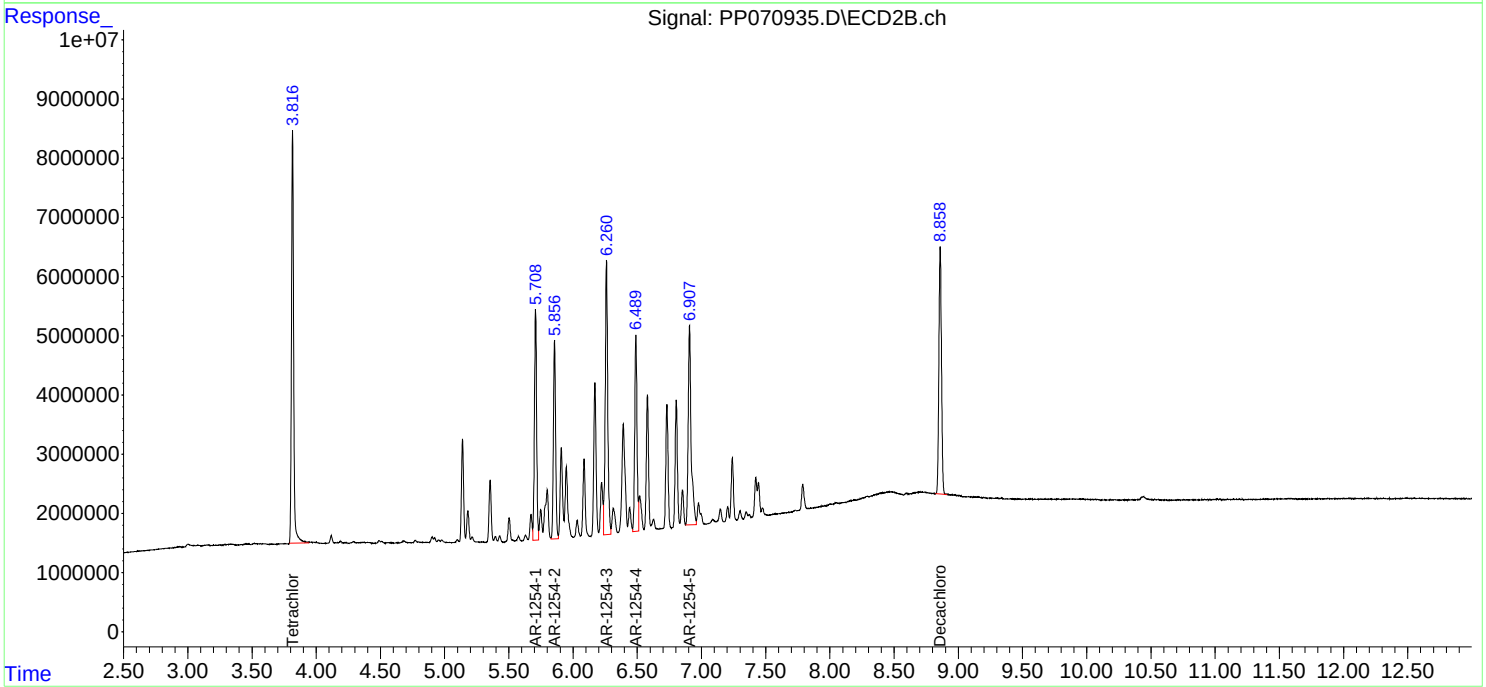
Manual Integrations APPROVED

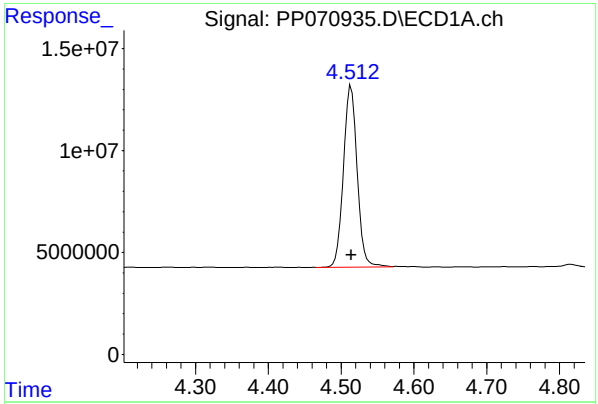
Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 16:19:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 16:07:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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







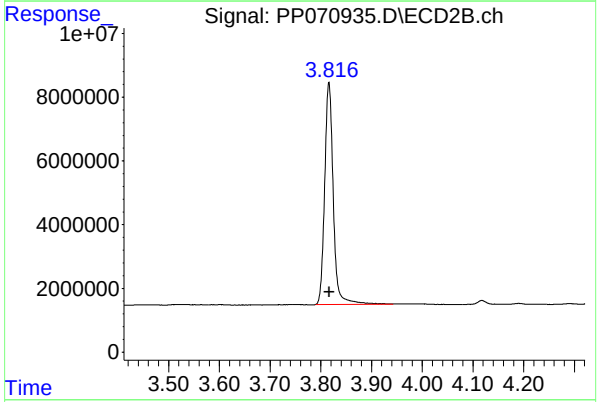
#1 Tetrachloro-m-xylene

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 116345667
Conc: 73.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

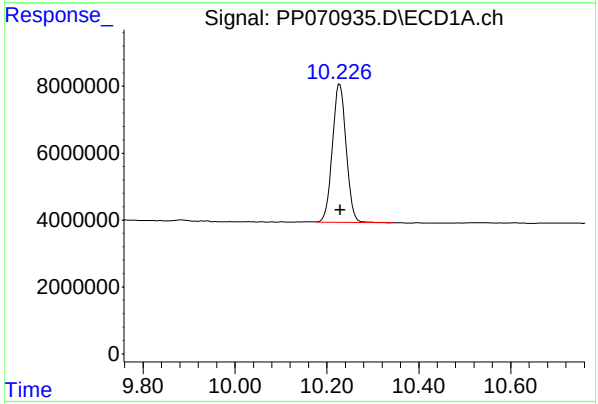
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



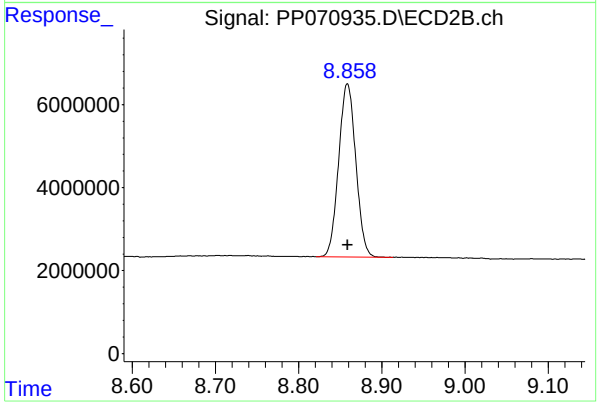
#1 Tetrachloro-m-xylene

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 81865229
Conc: 73.85 ng/ml



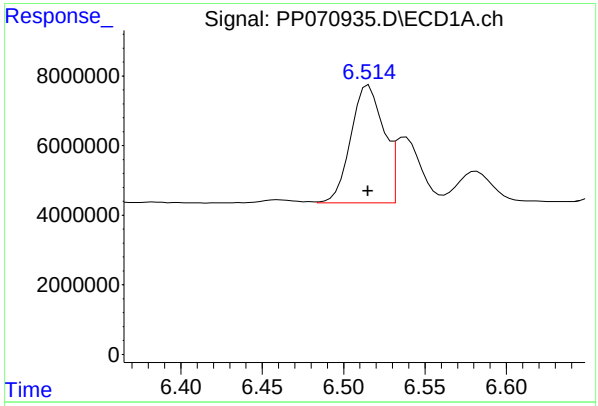
#2 Decachlorobiphenyl

R.T.: 10.228 min
Delta R.T.: -0.002 min
Response: 85851924
Conc: 73.48 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.859 min
Delta R.T.: 0.000 min
Response: 59713645
Conc: 65.56 ng/ml



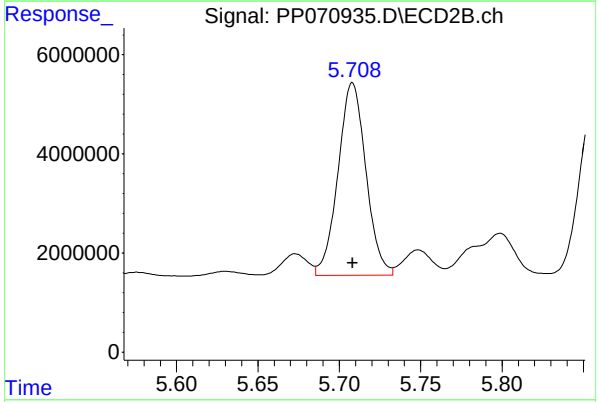
#26 AR-1254-1

R.T.: 6.515 min
Delta R.T.: 0.000 min
Response: 47300573
Conc: 722.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

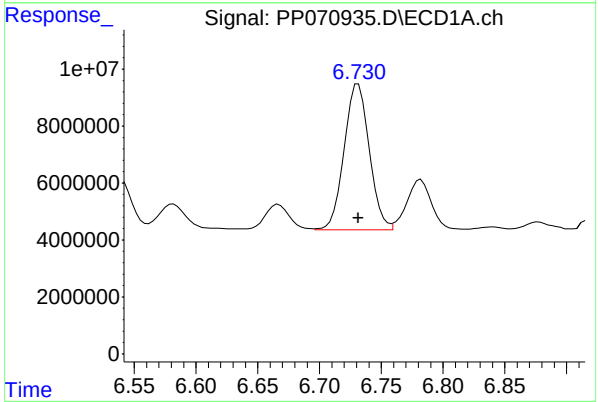
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



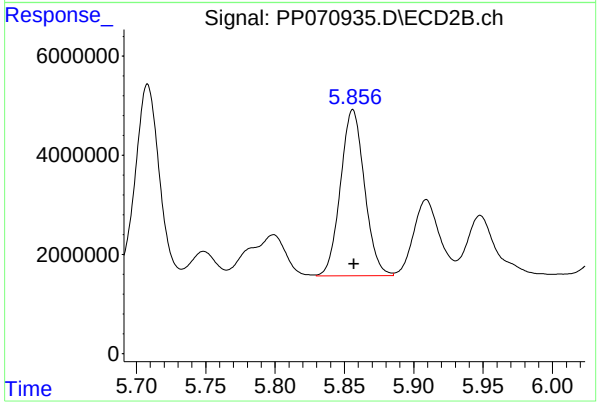
#26 AR-1254-1

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 46349687
Conc: 701.39 ng/ml



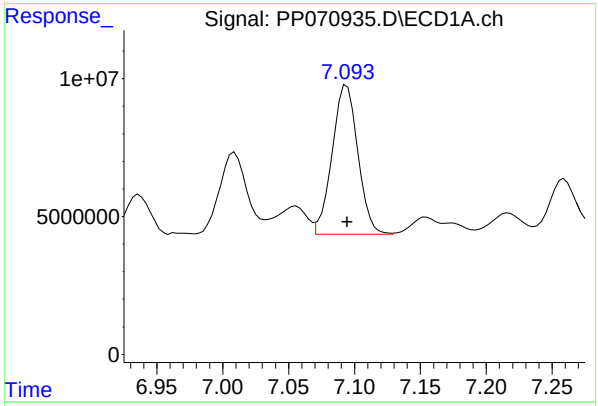
#27 AR-1254-2

R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 72785411
Conc: 714.97 ng/ml



#27 AR-1254-2

R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 40339655
Conc: 710.29 ng/ml



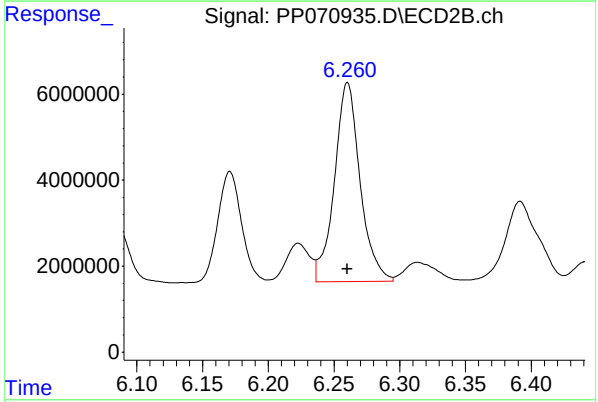
#28 AR-1254-3

R.T.: 7.094 min
Delta R.T.: 0.000 min
Response: 73541603
Conc: 739.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

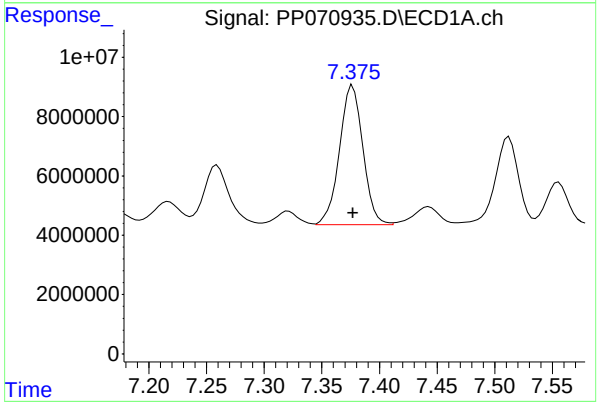
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



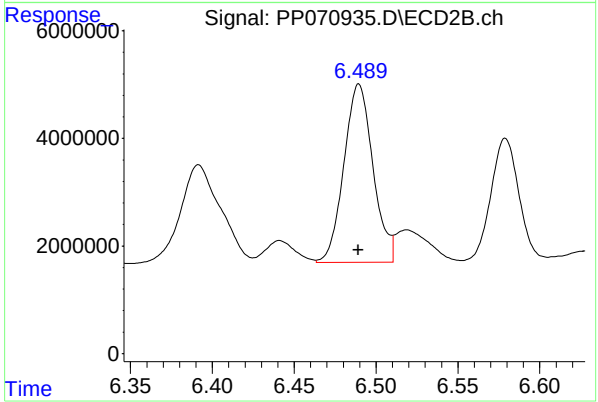
#28 AR-1254-3

R.T.: 6.260 min
Delta R.T.: 0.000 min
Response: 62731680
Conc: 714.77 ng/ml



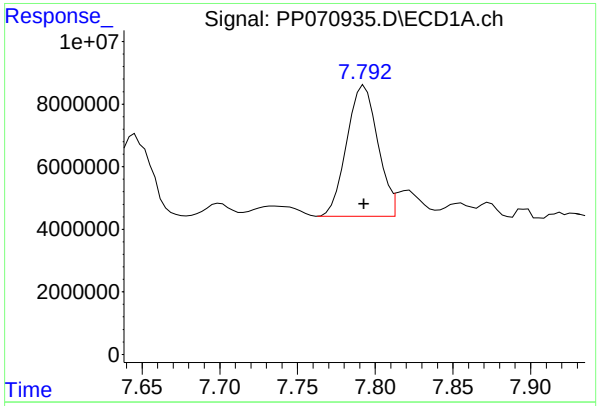
#29 AR-1254-4

R.T.: 7.377 min
Delta R.T.: 0.000 min
Response: 65835410
Conc: 758.45 ng/ml



#29 AR-1254-4

R.T.: 6.490 min
Delta R.T.: 0.000 min
Response: 40961211
Conc: 731.88 ng/ml



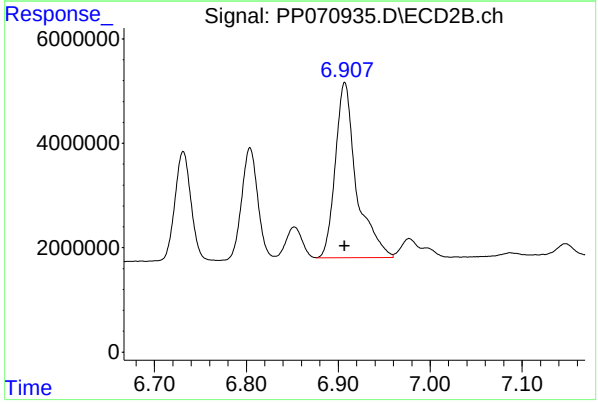
#30 AR-1254-5

R.T.: 7.792 min
Delta R.T.: -0.001 min
Response: 59278726
Conc: 733.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



#30 AR-1254-5

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 53519032
Conc: 745.12 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070936.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 15:43
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: Mar 27 16:19:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 16:07:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.514	3.816	78787321	55428912	50.000	50.000
2)	SA Decachlor...	10.230	8.859	58420861	45541627	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	6.515	5.708	32735943	33041243	500.000	500.000
27)	L6 AR-1254-2	6.732	5.857	50901196	28396777	500.000	500.000
28)	L6 AR-1254-3	7.095	6.260	49708277	43882389	500.000	500.000
29)	L6 AR-1254-4	7.377	6.489	43401255	27983450	500.000	500.000
30)	L6 AR-1254-5	7.793	6.907	40427325	35912948	500.000	500.000

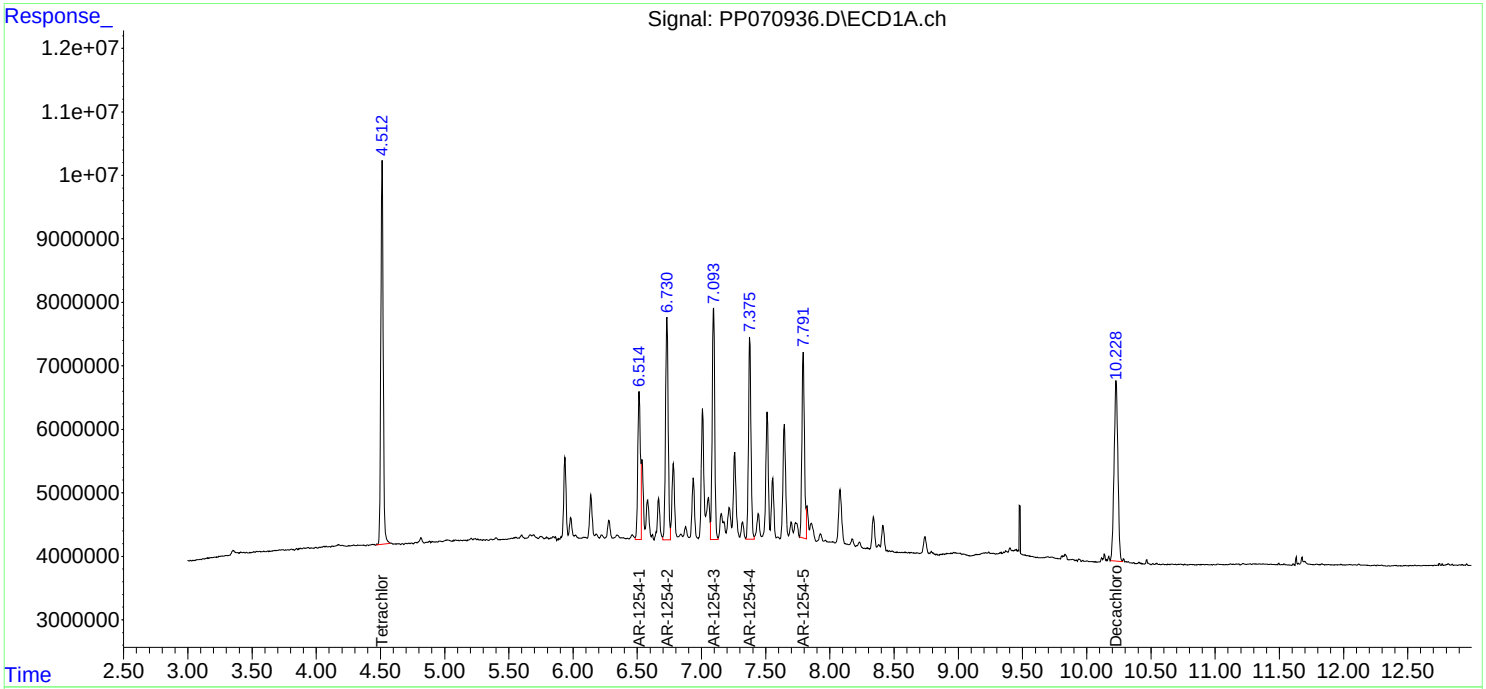
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

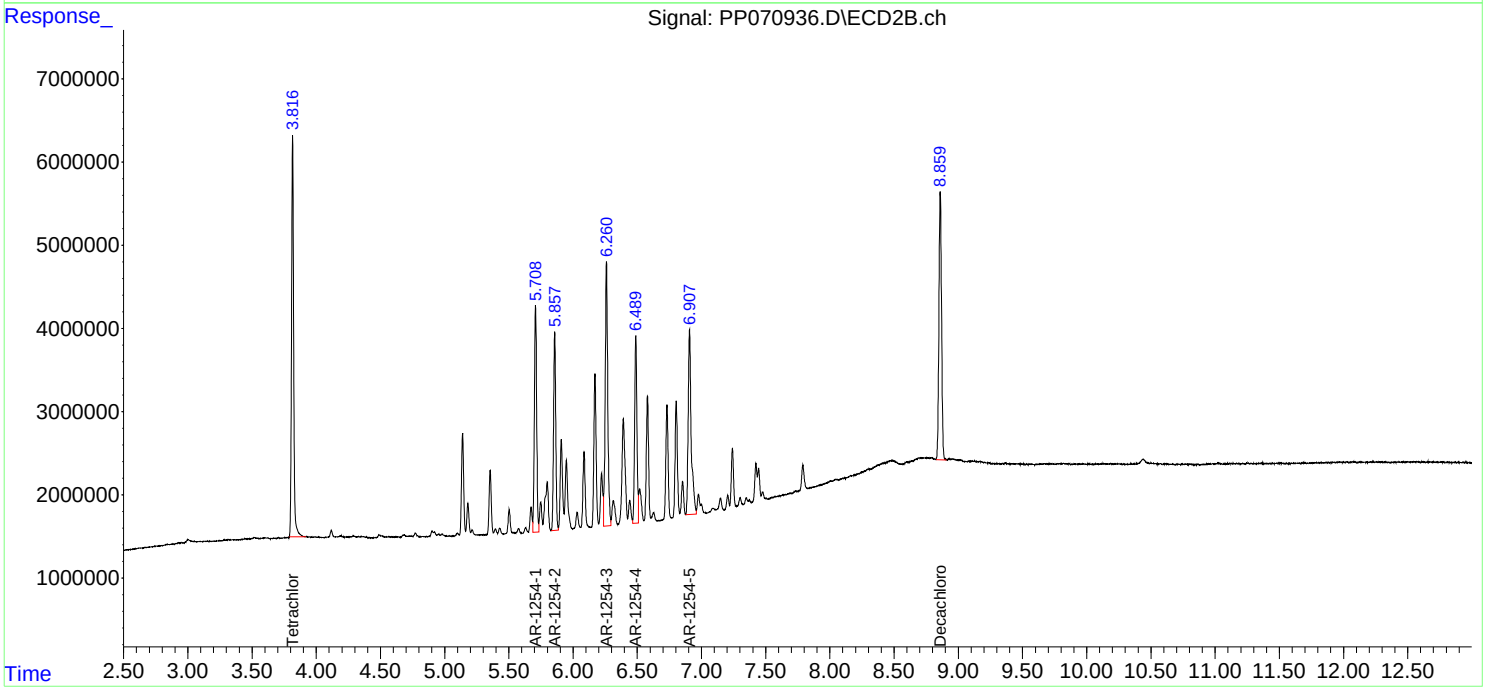
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070936.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 15:43
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

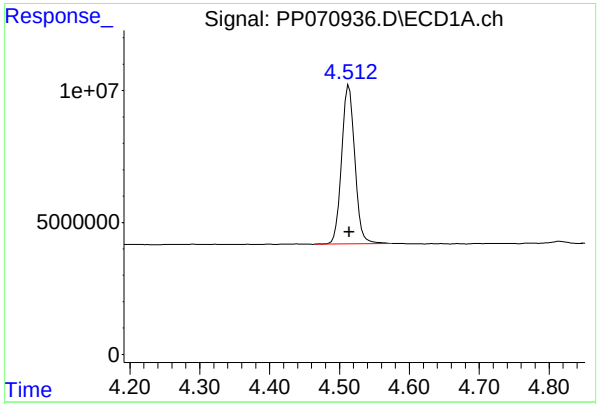
Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 16:19:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 16:07:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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



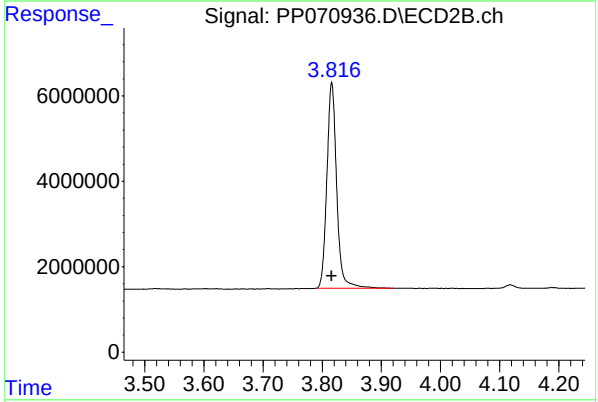




#1 Tetrachloro-m-xylene

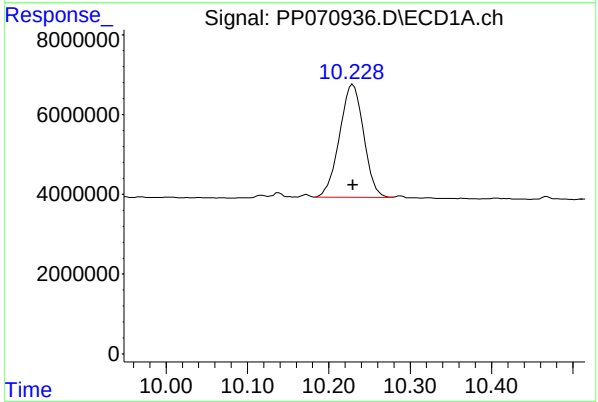
R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 78787321
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



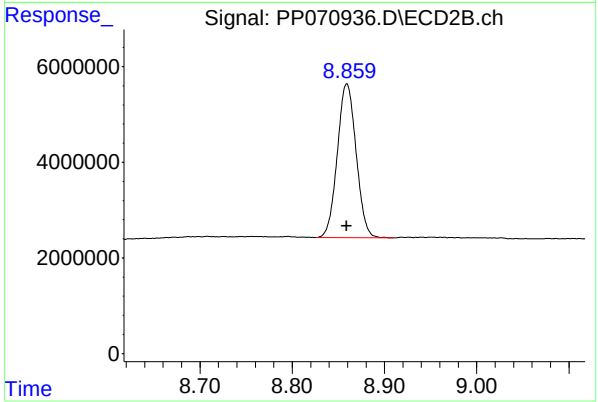
#1 Tetrachloro-m-xylene

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 55428912
Conc: 50.00 ng/ml



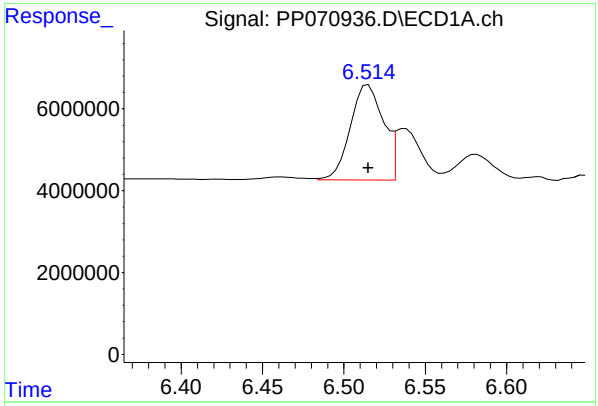
#2 Decachlorobiphenyl

R.T.: 10.230 min
Delta R.T.: 0.000 min
Response: 58420861
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

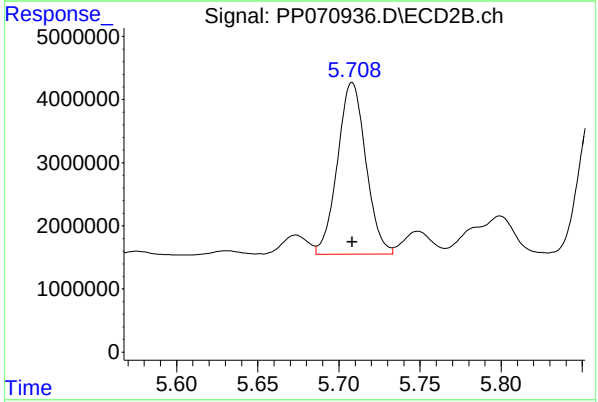
R.T.: 8.859 min
Delta R.T.: 0.000 min
Response: 45541627
Conc: 50.00 ng/ml



#26 AR-1254-1

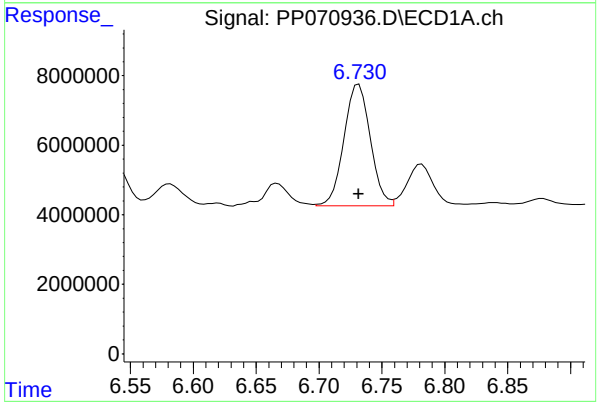
R.T.: 6.515 min
Delta R.T.: 0.000 min
Response: 32735943
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



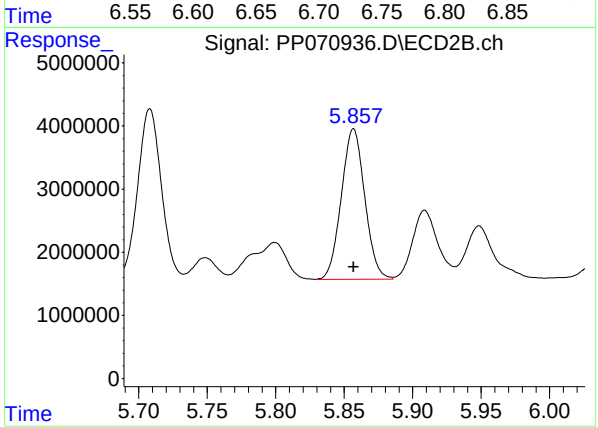
#26 AR-1254-1

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 33041243
Conc: 500.00 ng/ml



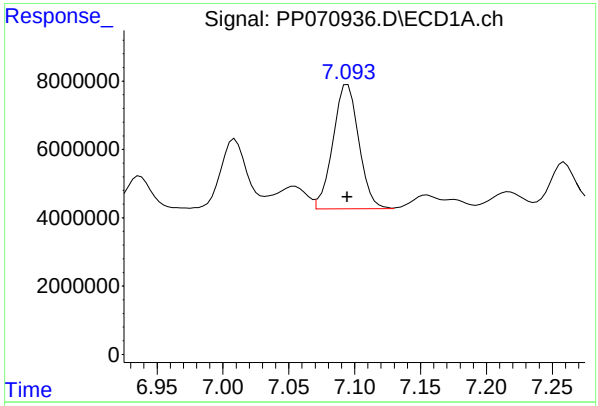
#27 AR-1254-2

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 50901196
Conc: 500.00 ng/ml



#27 AR-1254-2

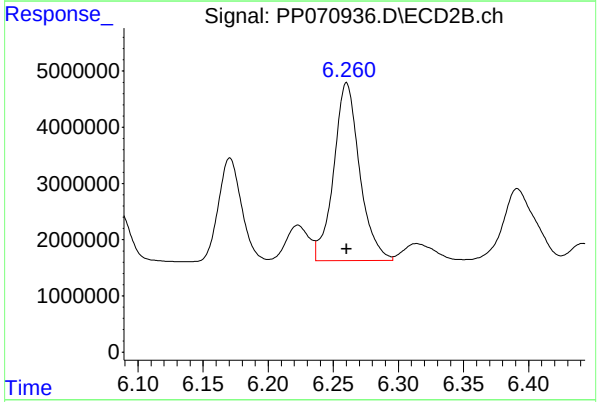
R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 28396777
Conc: 500.00 ng/ml



#28 AR-1254-3

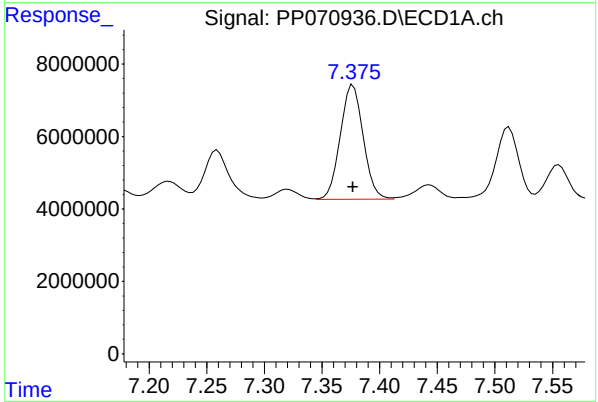
R.T.: 7.095 min
Delta R.T.: 0.000 min
Response: 49708277
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



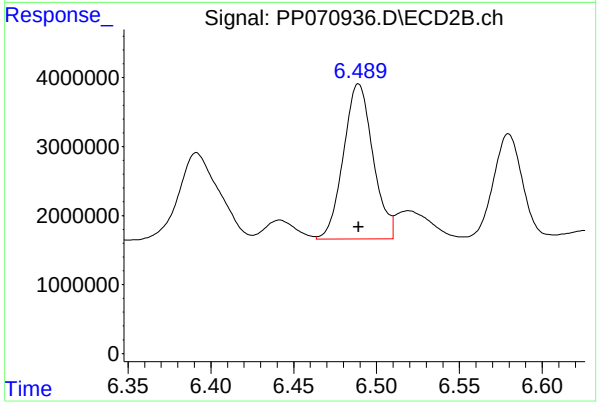
#28 AR-1254-3

R.T.: 6.260 min
Delta R.T.: 0.000 min
Response: 43882389
Conc: 500.00 ng/ml



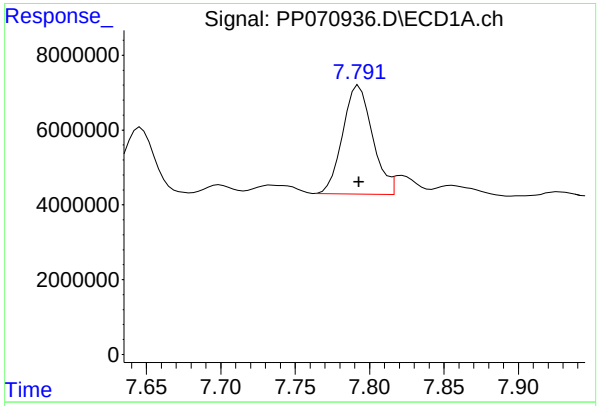
#29 AR-1254-4

R.T.: 7.377 min
Delta R.T.: 0.000 min
Response: 43401255
Conc: 500.00 ng/ml



#29 AR-1254-4

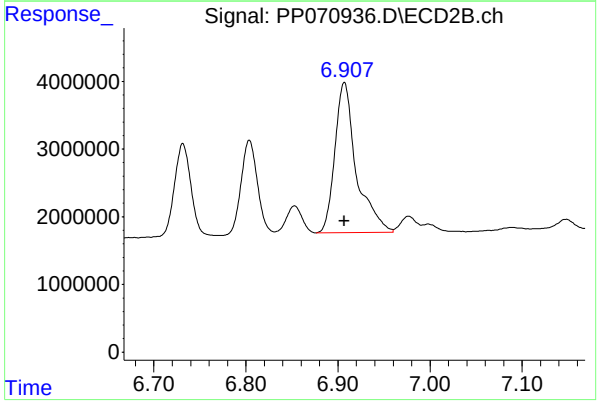
R.T.: 6.489 min
Delta R.T.: 0.000 min
Response: 27983450
Conc: 500.00 ng/ml



#30 AR-1254-5

R.T.: 7.793 min
Delta R.T.: 0.000 min
Response: 40427325
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



#30 AR-1254-5

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 35912948
Conc: 500.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070937.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 16:00
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 16:20:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 16:07:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.514	3.816	40672603	29879101	25.812	26.953
2)	SA Decachlor...	10.230	8.859	29858259	21257096	25.554	23.338
	Target Compounds						
26)	L6 AR-1254-1	6.516	5.708	16701604	18446961	255.096	279.151
27)	L6 AR-1254-2	6.732	5.856	26389026	16008677	259.218	281.875
28)	L6 AR-1254-3	7.095	6.260	25960285	24772594	261.126	282.261
29)	L6 AR-1254-4	7.377	6.489	22197209	16043587	255.721	286.662
30)	L6 AR-1254-5	7.791	6.907	20989646	20606411	259.597m	286.894

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070937.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 16:00
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

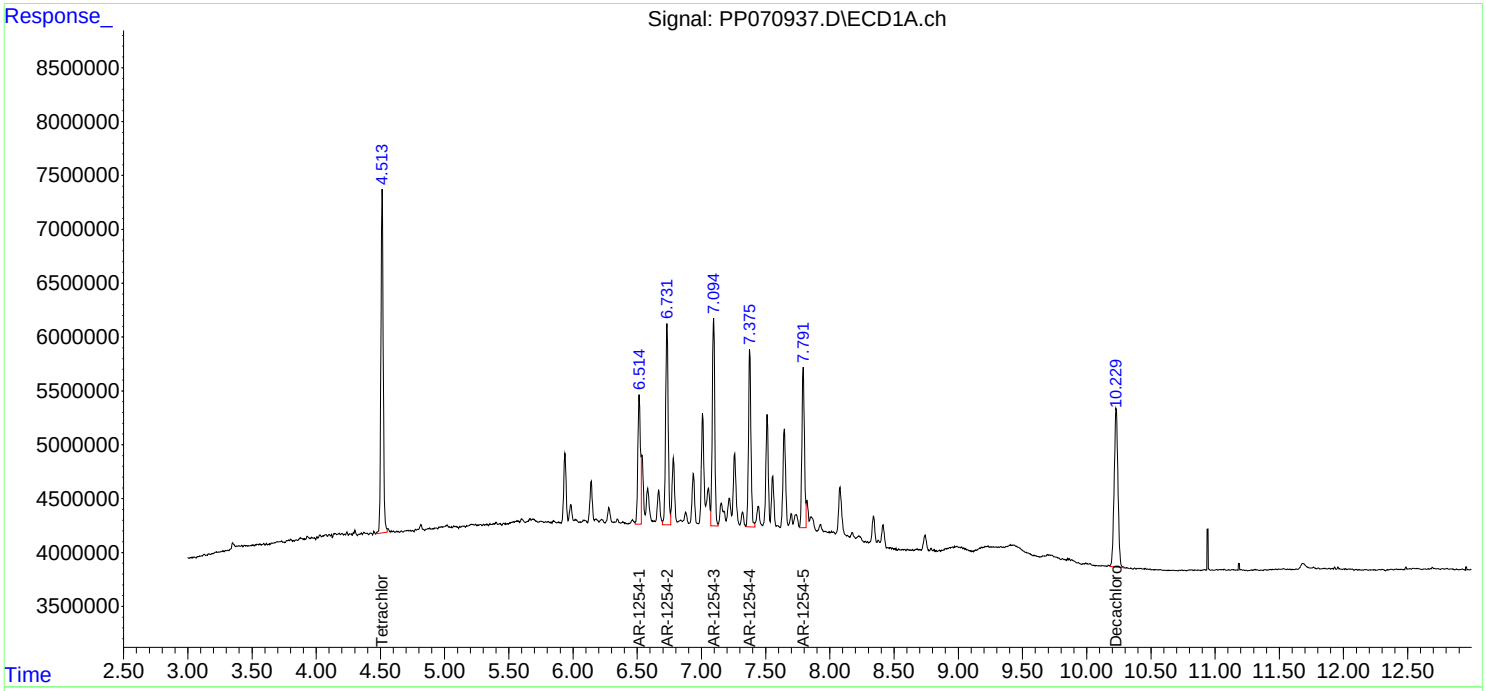
Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

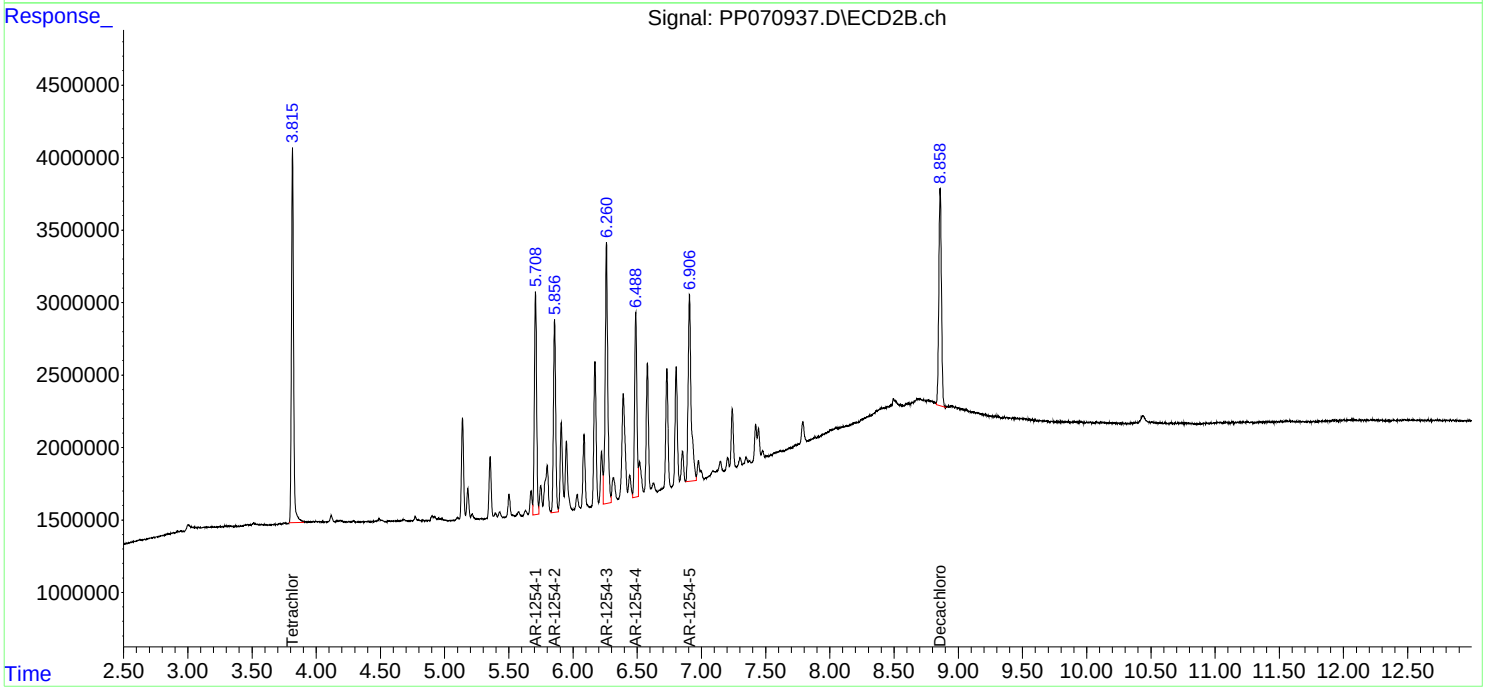
Manual Integrations APPROVED

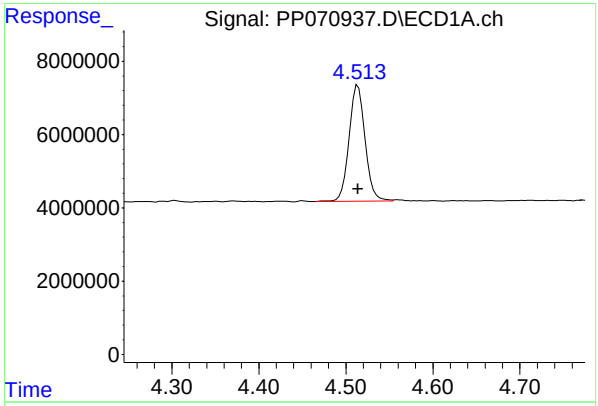
Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 16:20:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 16:07:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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







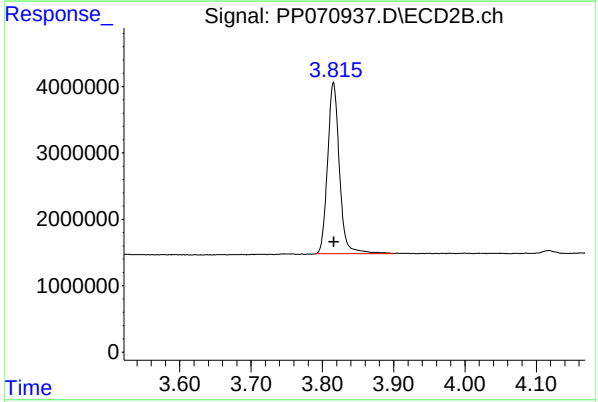
#1 Tetrachloro-m-xylene

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 40672603
Conc: 25.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

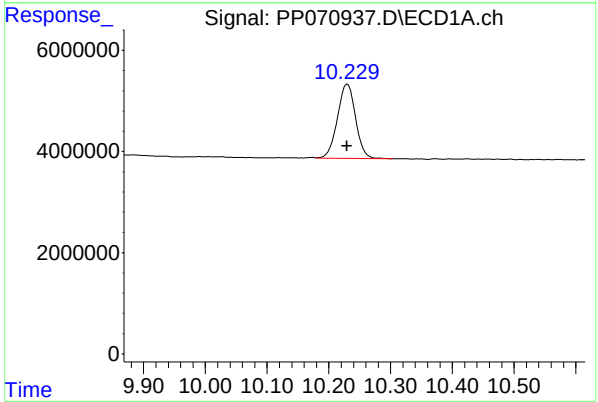
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



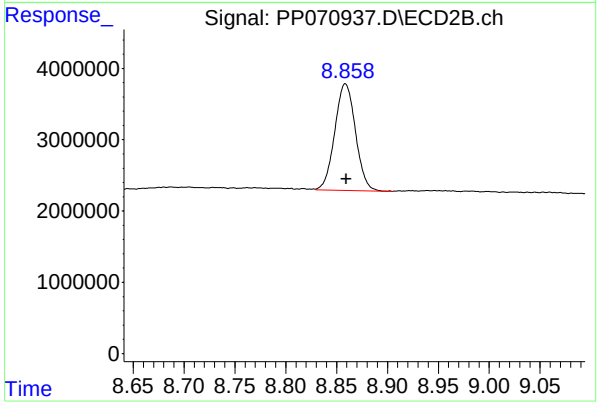
#1 Tetrachloro-m-xylene

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 29879101
Conc: 26.95 ng/ml



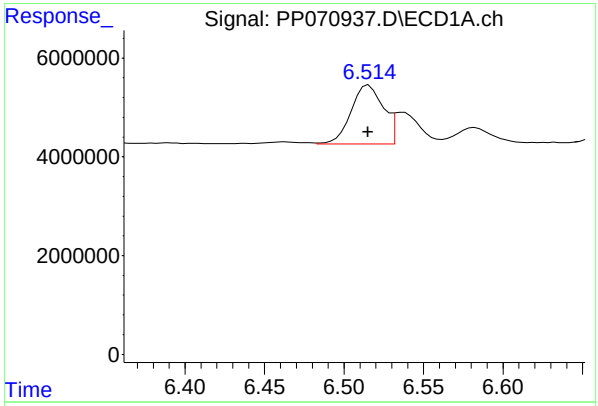
#2 Decachlorobiphenyl

R.T.: 10.230 min
Delta R.T.: 0.000 min
Response: 29858259
Conc: 25.55 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.859 min
Delta R.T.: 0.000 min
Response: 21257096
Conc: 23.34 ng/ml



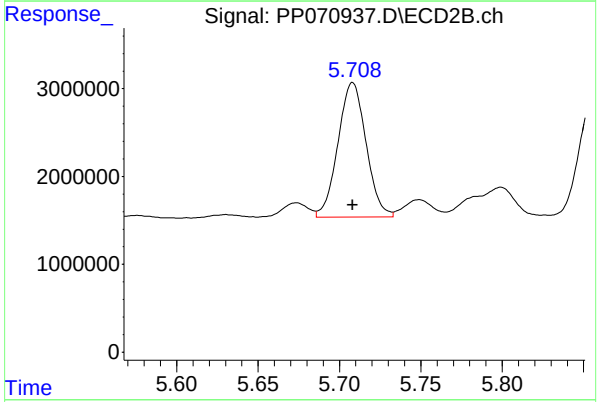
#26 AR-1254-1

R.T.: 6.516 min
Delta R.T.: 0.000 min
Response: 16701604
Conc: 255.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

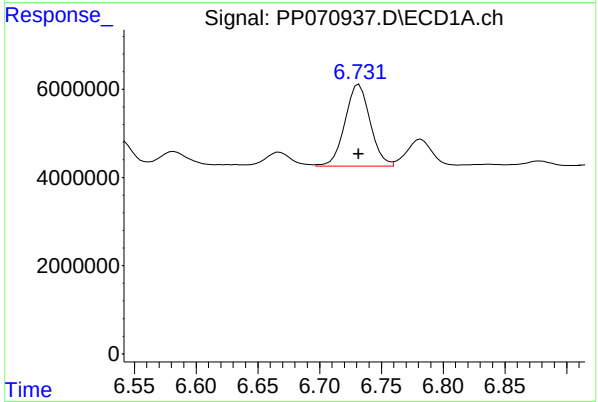
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



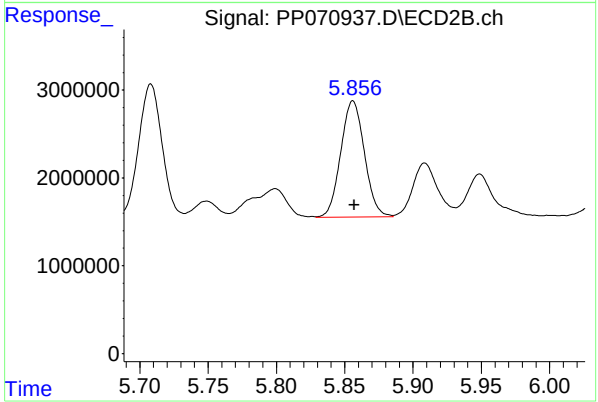
#26 AR-1254-1

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 18446961
Conc: 279.15 ng/ml



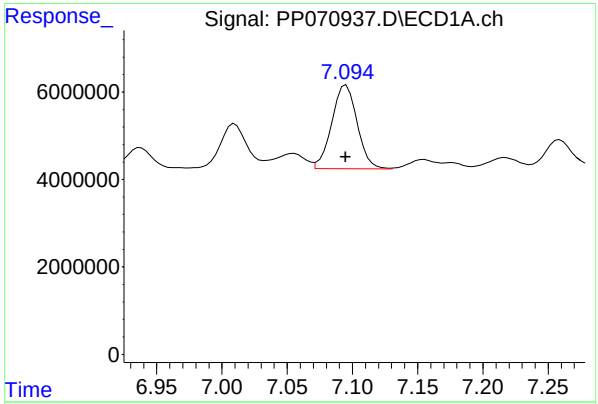
#27 AR-1254-2

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 26389026
Conc: 259.22 ng/ml



#27 AR-1254-2

R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 16008677
Conc: 281.87 ng/ml



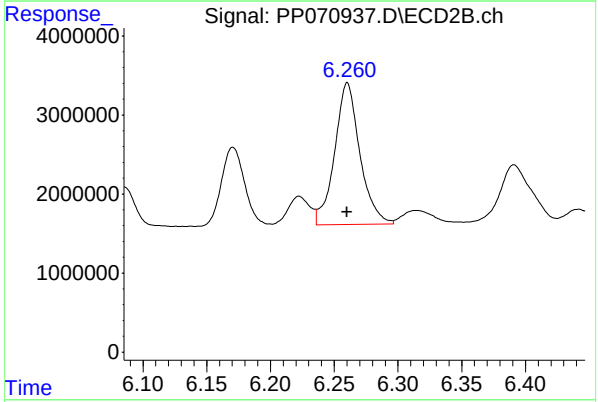
#28 AR-1254-3

R.T.: 7.095 min
Delta R.T.: 0.000 min
Response: 25960285
Conc: 261.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

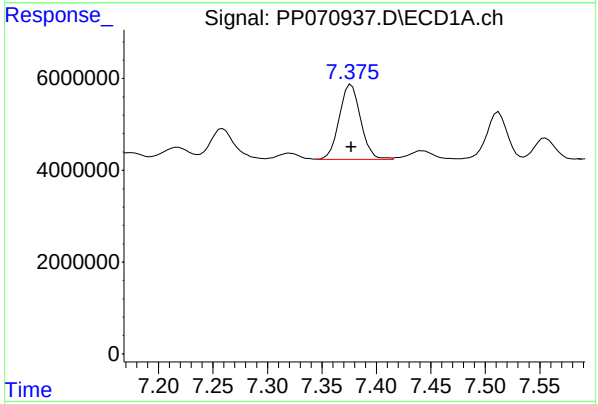
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



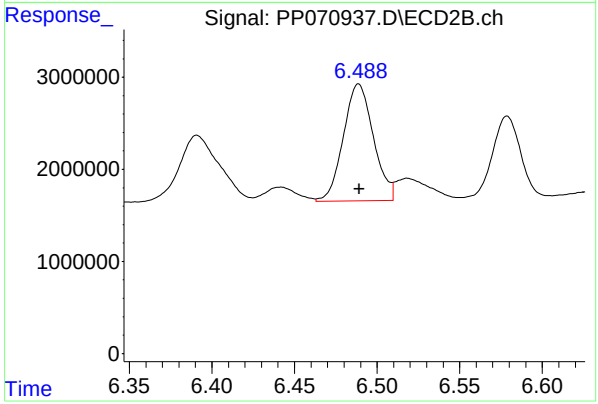
#28 AR-1254-3

R.T.: 6.260 min
Delta R.T.: 0.000 min
Response: 24772594
Conc: 282.26 ng/ml



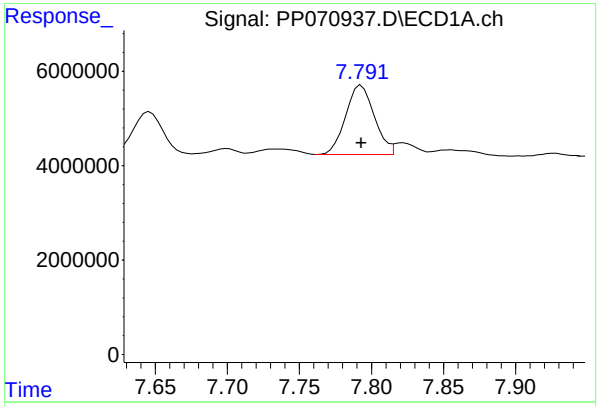
#29 AR-1254-4

R.T.: 7.377 min
Delta R.T.: 0.000 min
Response: 22197209
Conc: 255.72 ng/ml



#29 AR-1254-4

R.T.: 6.489 min
Delta R.T.: 0.000 min
Response: 16043587
Conc: 286.66 ng/ml



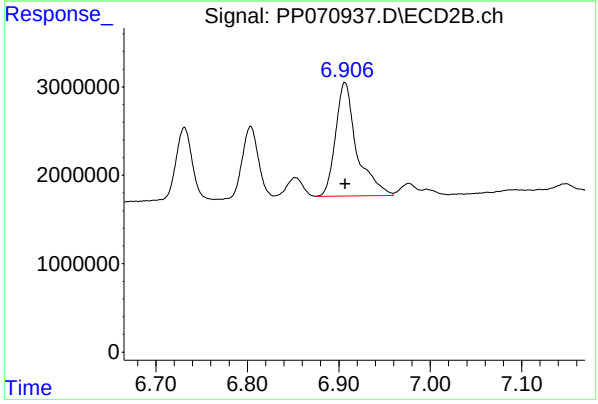
#30 AR-1254-5

R.T.: 7.791 min
Delta R.T.: -0.001 min
Response: 20989646
Conc: 259.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



#30 AR-1254-5

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 20606411
Conc: 286.89 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070938.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 16:16
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: Mar 27 16:35:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 16:07:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.515	3.816	6508593	5336776	4.107	4.715
2)	SA Decachlor...	10.232	8.861	5177583	3796388	4.429	4.454
	Target Compounds						
26)	L6 AR-1254-1	6.516	5.708	3322396	3474548	51.023	51.687
27)	L6 AR-1254-2	6.733	5.857	5410437	3036515	53.321	52.169
28)	L6 AR-1254-3	7.096	6.261	5249564	4313044	52.267	47.835
29)	L6 AR-1254-4	7.378	6.490	4268685	2787399	48.623	47.851
30)	L6 AR-1254-5	7.794	6.907	4173507	3458194	51.345	45.985

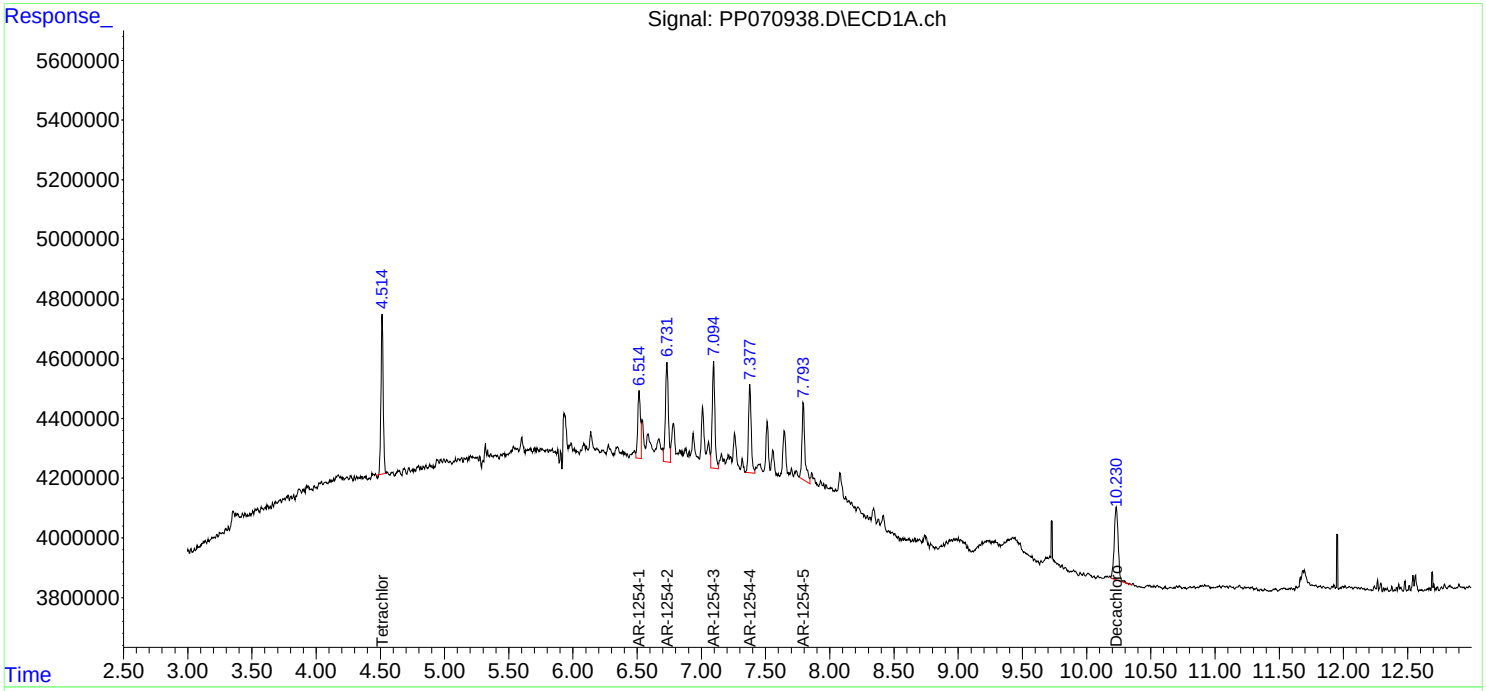
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

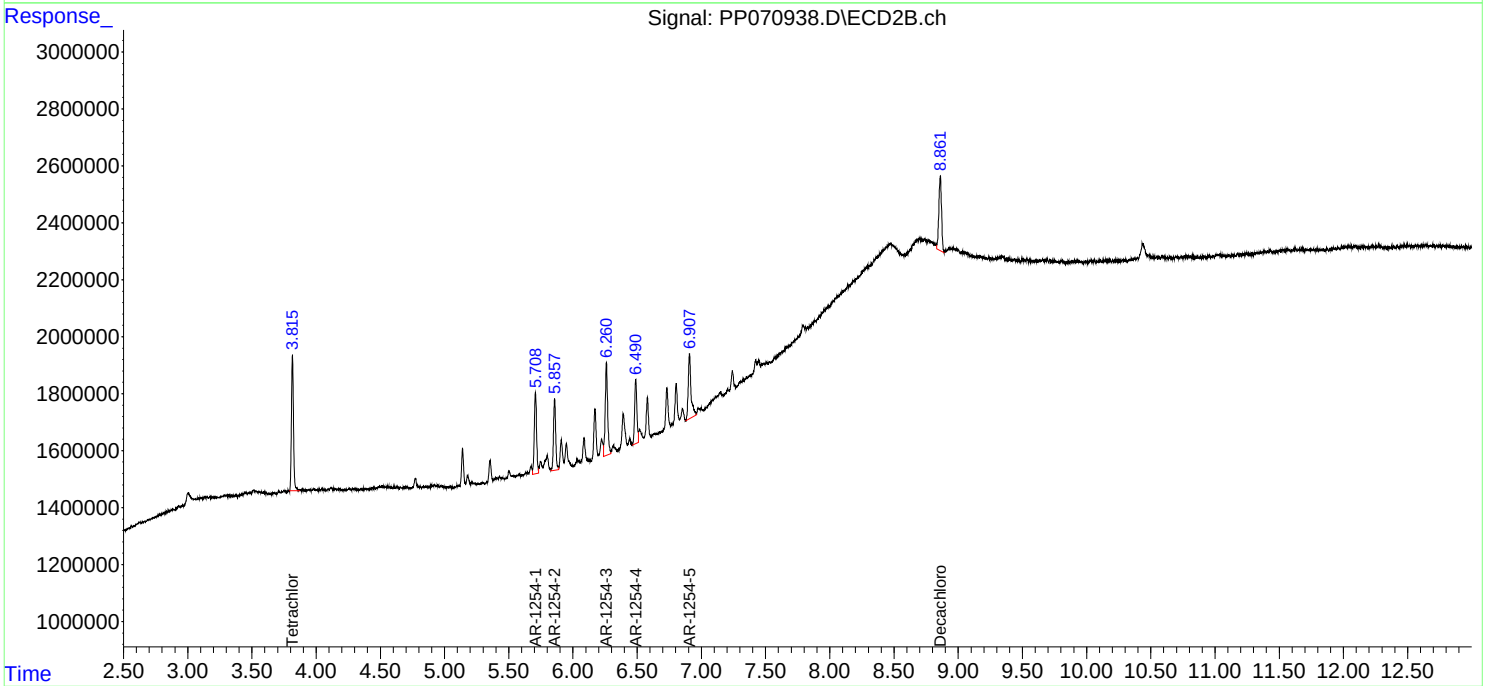
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070938.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 16:16
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

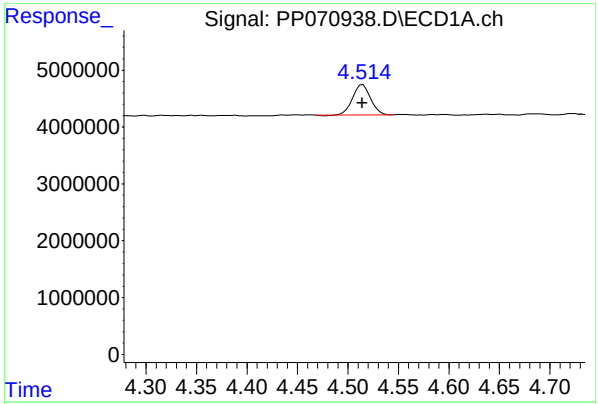
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 16:35:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 16:07:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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



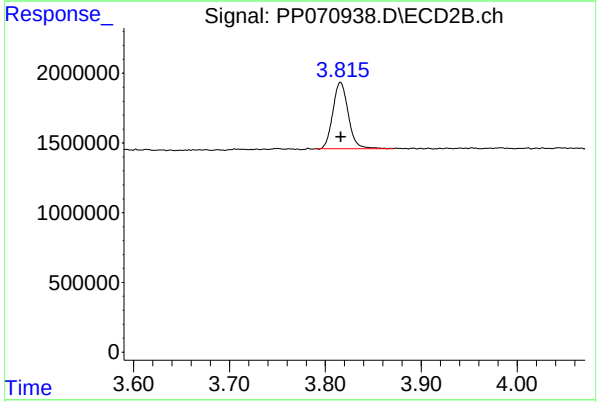




#1 Tetrachloro-m-xylene

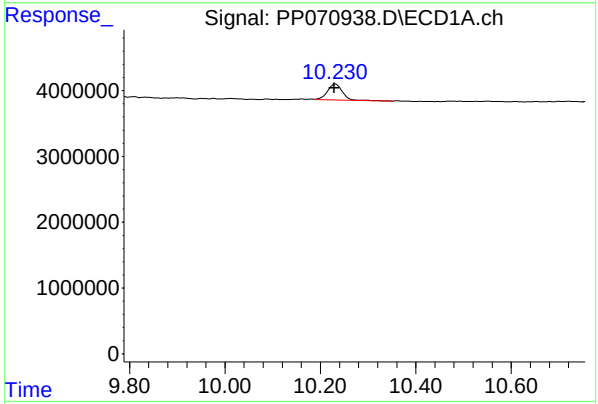
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 6508593
Conc: 4.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



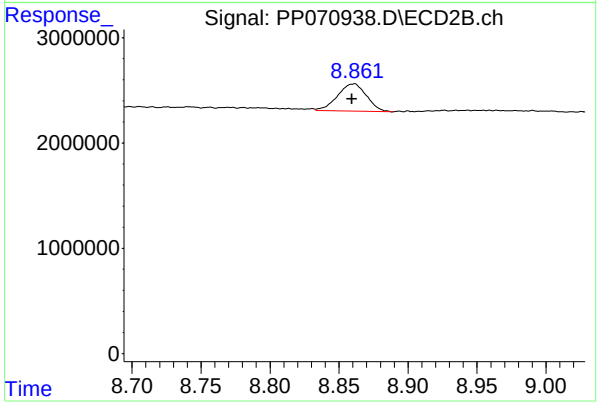
#1 Tetrachloro-m-xylene

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 5336776
Conc: 4.72 ng/ml



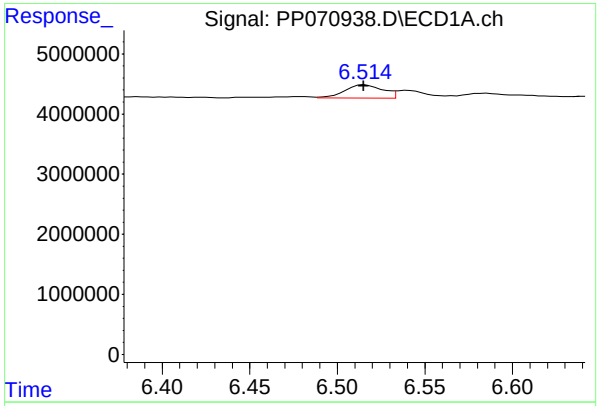
#2 Decachlorobiphenyl

R.T.: 10.232 min
Delta R.T.: 0.002 min
Response: 5177583
Conc: 4.43 ng/ml



#2 Decachlorobiphenyl

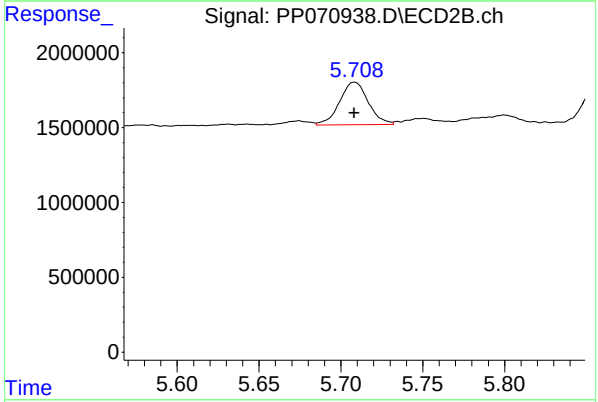
R.T.: 8.861 min
Delta R.T.: 0.001 min
Response: 3796388
Conc: 4.45 ng/ml



#26 AR-1254-1

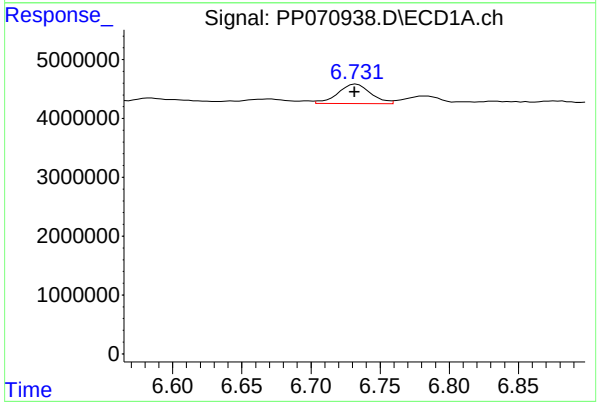
R.T.: 6.516 min
Delta R.T.: 0.000 min
Response: 3322396
Conc: 51.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



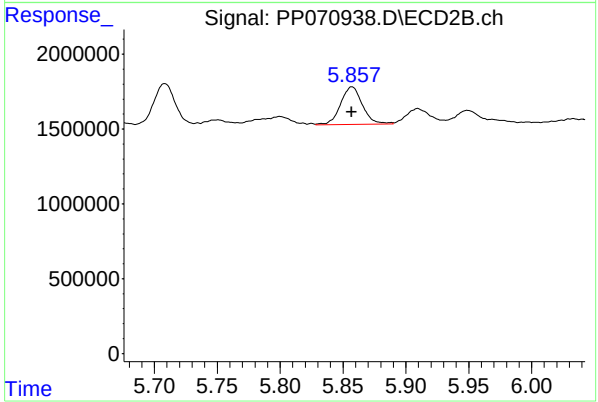
#26 AR-1254-1

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 3474548
Conc: 51.69 ng/ml



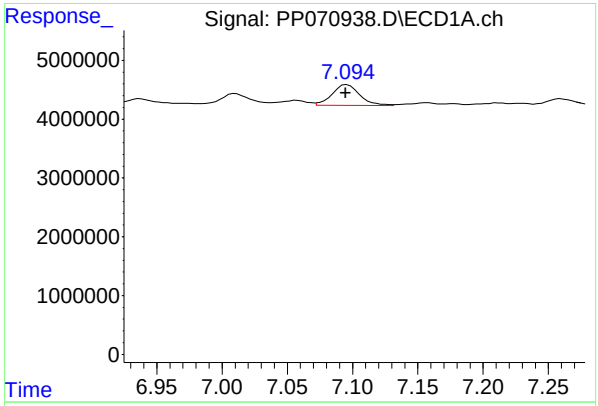
#27 AR-1254-2

R.T.: 6.733 min
Delta R.T.: 0.001 min
Response: 5410437
Conc: 53.32 ng/ml



#27 AR-1254-2

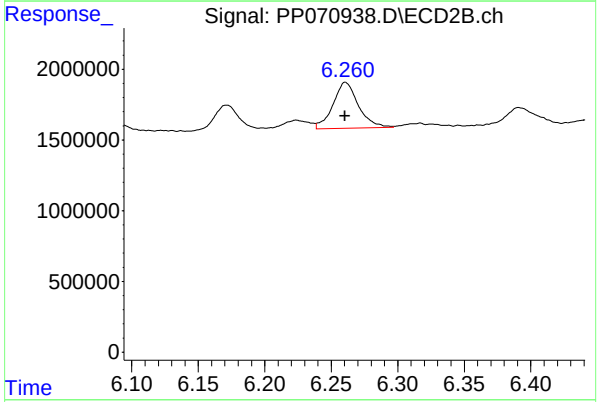
R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 3036515
Conc: 52.17 ng/ml



#28 AR-1254-3

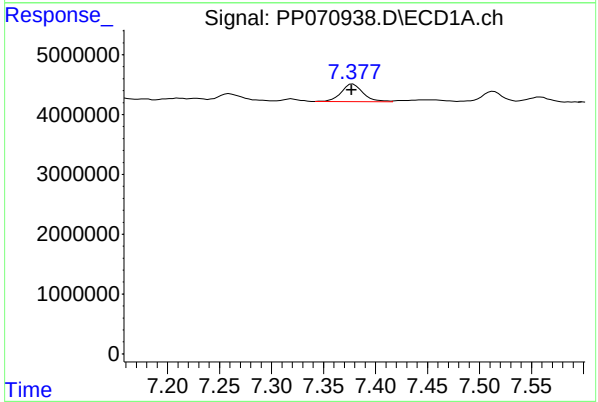
R.T.: 7.096 min
Delta R.T.: 0.001 min
Response: 5249564
Conc: 52.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



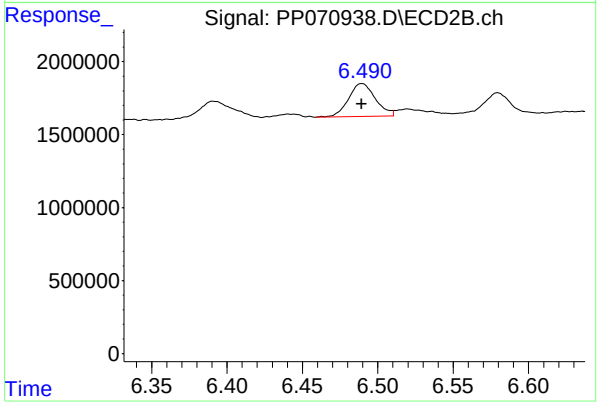
#28 AR-1254-3

R.T.: 6.261 min
Delta R.T.: 0.000 min
Response: 4313044
Conc: 47.83 ng/ml



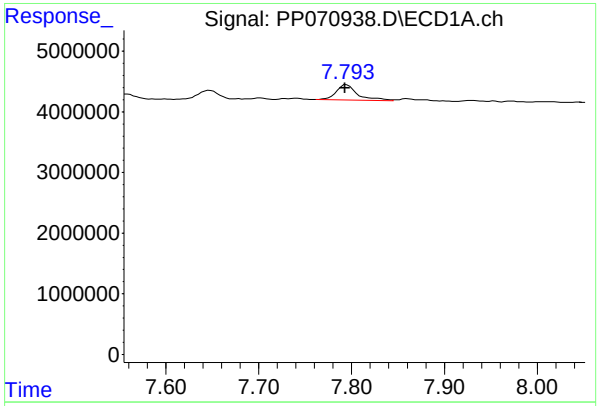
#29 AR-1254-4

R.T.: 7.378 min
Delta R.T.: 0.001 min
Response: 4268685
Conc: 48.62 ng/ml



#29 AR-1254-4

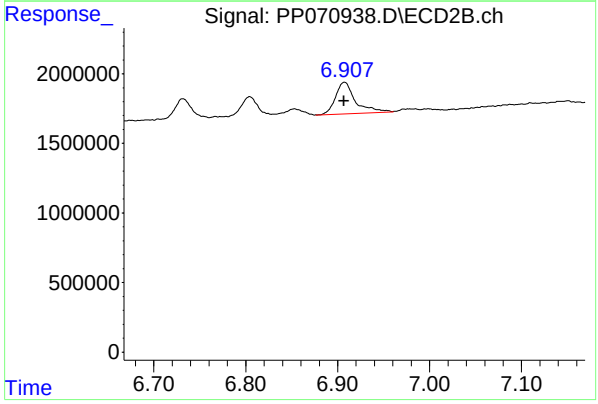
R.T.: 6.490 min
Delta R.T.: 0.000 min
Response: 2787399
Conc: 47.85 ng/ml



#30 AR-1254-5

R.T.: 7.794 min
Delta R.T.: 0.002 min
Response: 4173507
Conc: 51.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



#30 AR-1254-5

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 3458194
Conc: 45.98 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070939.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 16:32
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: Mar 27 17:04:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 17:04:14 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.512	3.816	78302128	53762587	50.000	50.000
2)	SA Decachlor...	10.226	8.859	57984668	42902548	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	8.093	6.945	53150122	42781773	500.000	500.000
37)	L8 AR-1262-2	8.412	7.205	99191436	34232243	500.000	500.000
38)	L8 AR-1262-3	8.729	7.729	65870896	30361758	500.000	500.000
39)	L8 AR-1262-4	8.817	7.793	47807443	49703360	500.000	500.000
40)	L8 AR-1262-5	9.469	8.294	32533206	23435811	500.000	500.000

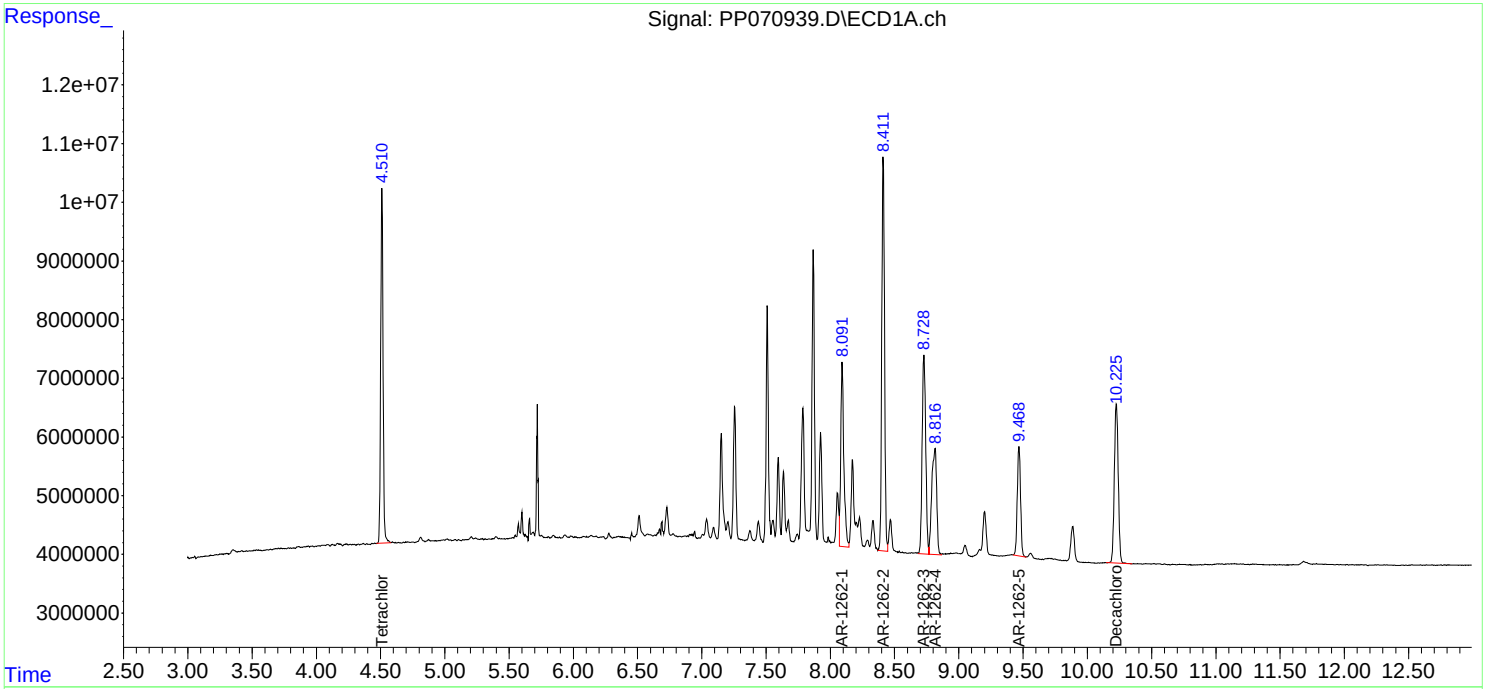
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

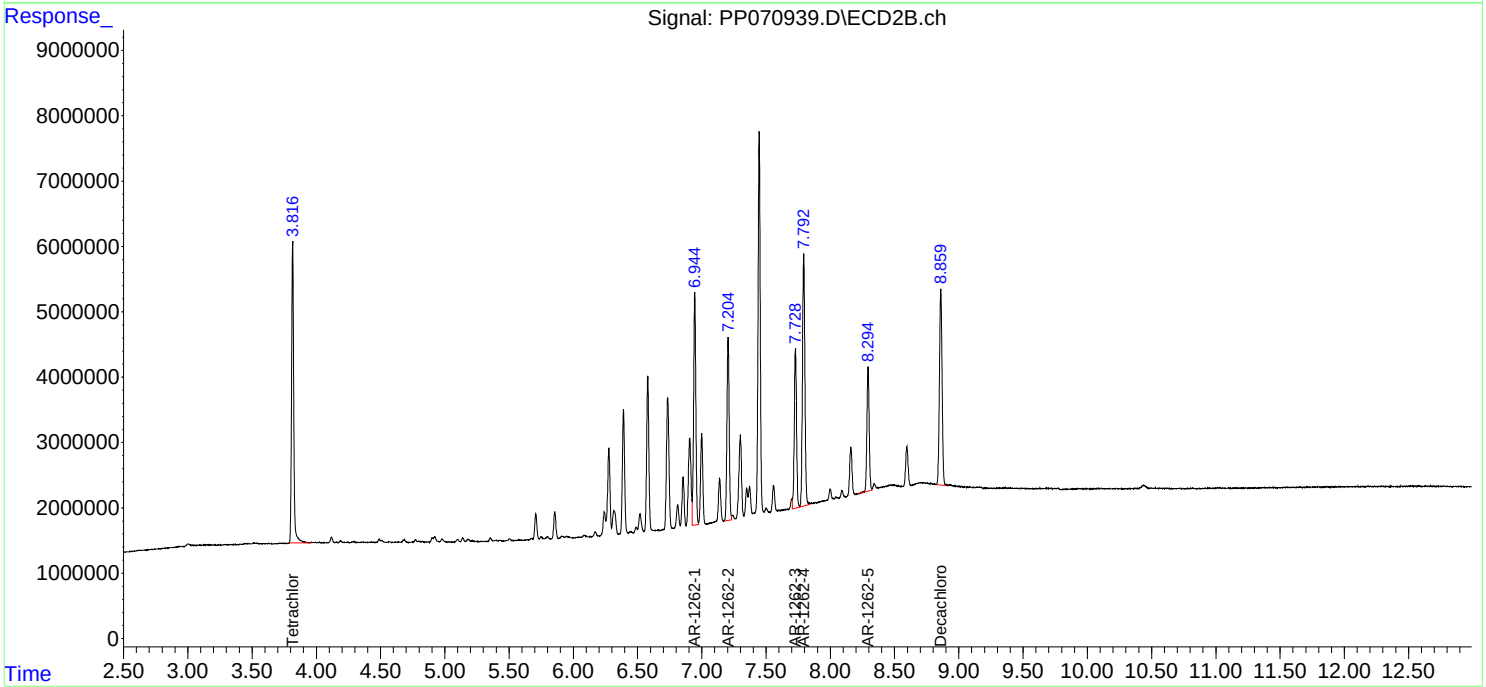
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070939.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 16:32
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

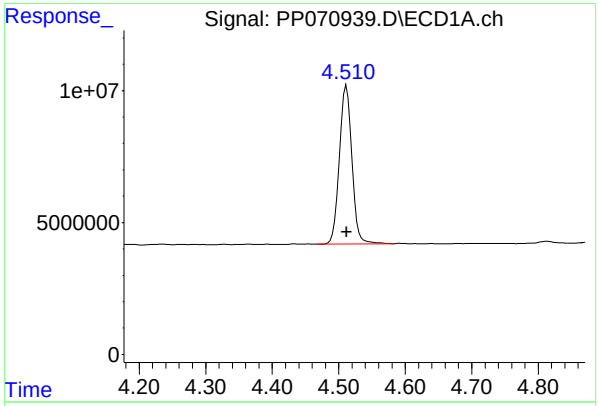
Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 17:04:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 17:04:14 2025
Response via : Initial Calibration
Integrator: ChemStation

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



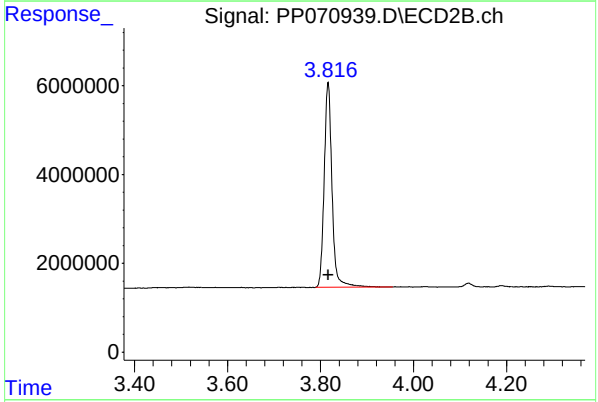




#1 Tetrachloro-m-xylene

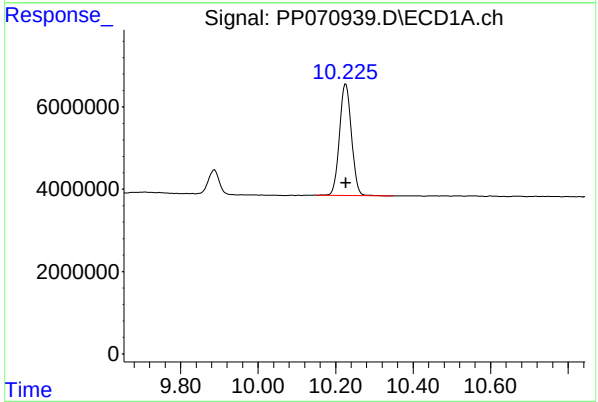
R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 78302128
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



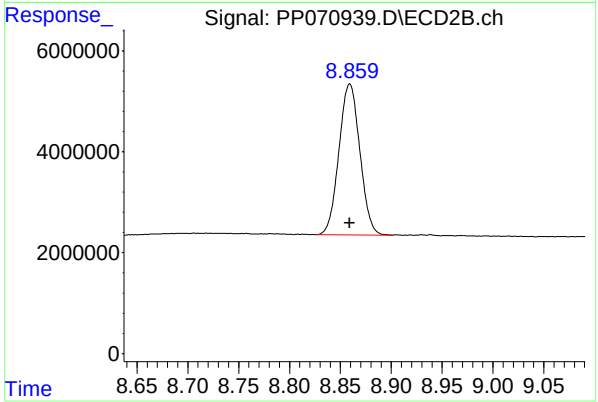
#1 Tetrachloro-m-xylene

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 53762587
Conc: 50.00 ng/ml



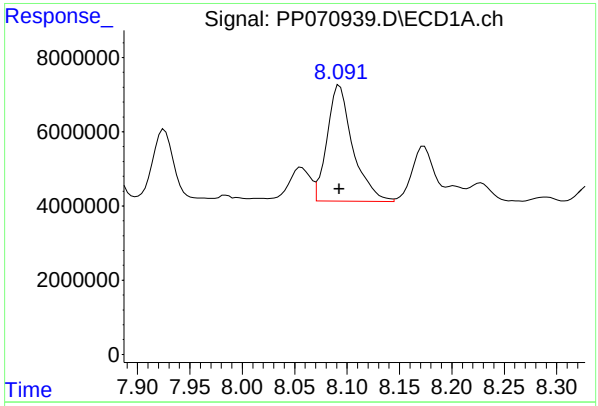
#2 Decachlorobiphenyl

R.T.: 10.226 min
Delta R.T.: 0.000 min
Response: 57984668
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

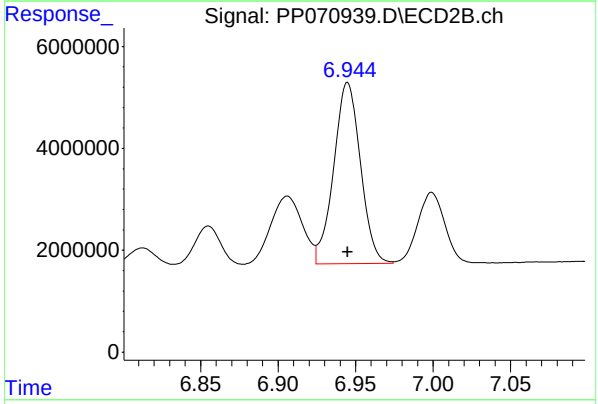
R.T.: 8.859 min
Delta R.T.: 0.000 min
Response: 42902548
Conc: 50.00 ng/ml



#36 AR-1262-1

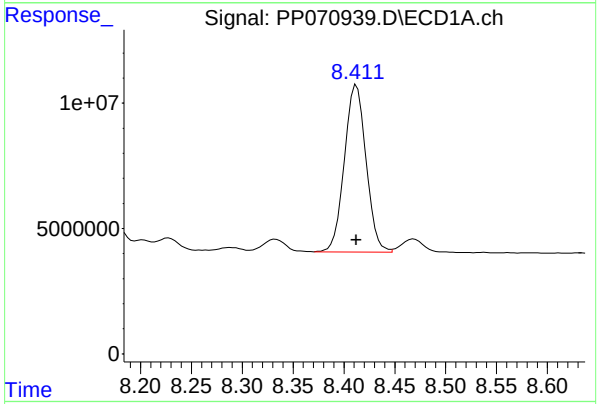
R.T.: 8.093 min
Delta R.T.: 0.000 min
Response: 53150122
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



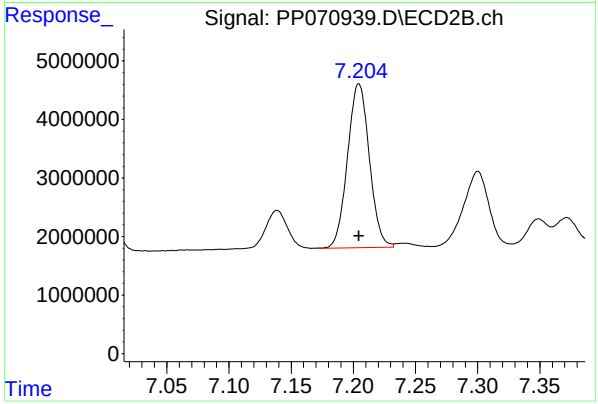
#36 AR-1262-1

R.T.: 6.945 min
Delta R.T.: 0.000 min
Response: 42781773
Conc: 500.00 ng/ml



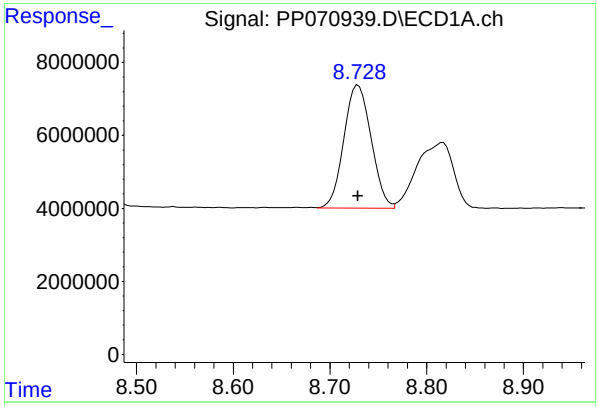
#37 AR-1262-2

R.T.: 8.412 min
Delta R.T.: 0.000 min
Response: 99191436
Conc: 500.00 ng/ml



#37 AR-1262-2

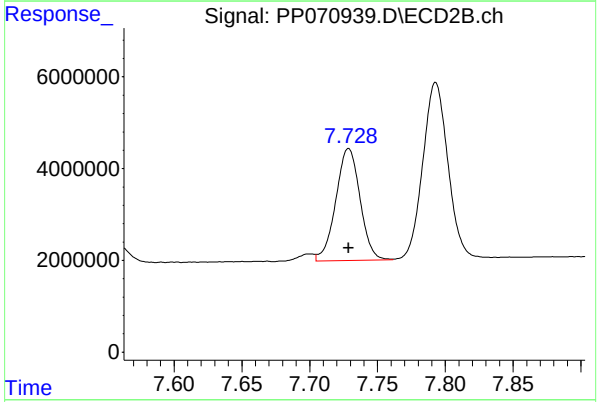
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 34232243
Conc: 500.00 ng/ml



#38 AR-1262-3

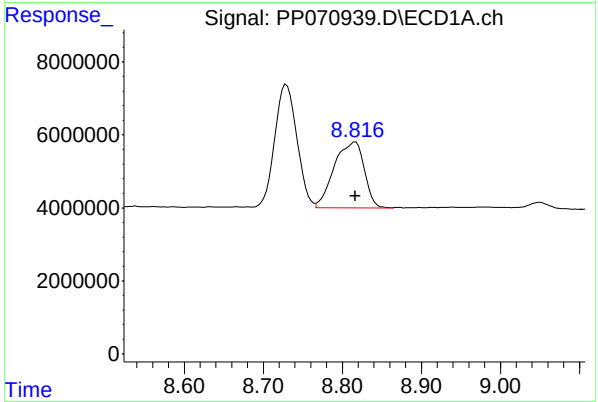
R.T.: 8.729 min
Delta R.T.: 0.000 min
Response: 65870896
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



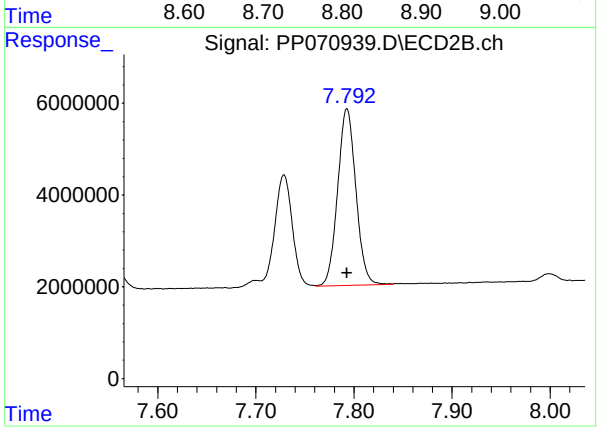
#38 AR-1262-3

R.T.: 7.729 min
Delta R.T.: 0.000 min
Response: 30361758
Conc: 500.00 ng/ml



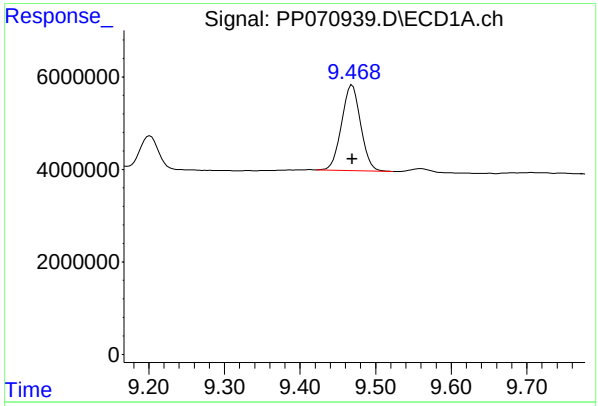
#39 AR-1262-4

R.T.: 8.817 min
Delta R.T.: 0.000 min
Response: 47807443
Conc: 500.00 ng/ml



#39 AR-1262-4

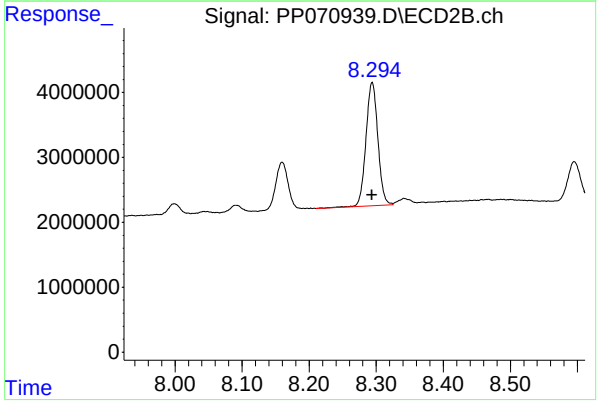
R.T.: 7.793 min
Delta R.T.: 0.000 min
Response: 49703360
Conc: 500.00 ng/ml



#40 AR-1262-5

R.T.: 9.469 min
Delta R.T.: 0.000 min
Response: 32533206
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



#40 AR-1262-5

R.T.: 8.294 min
Delta R.T.: 0.000 min
Response: 23435811
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070940.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 16:48
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 17:58:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 17:56:10 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...	4.516	3.817	152.3E6	105.1E6	94.769	94.009
2)	SA Decachlor...	10.232	8.860	195.7E6	148.5E6	93.377	94.968
	Target Compounds						
41)	L9 AR-1268-1	8.730	7.729	226.6E6	165.4E6	945.404	946.509m
42)	L9 AR-1268-2	8.824	7.795	190.4E6	137.8E6	950.797	945.407
43)	L9 AR-1268-3	9.056	8.001	163.6E6	120.1E6	940.749	965.766
44)	L9 AR-1268-4	9.474	8.295	70377008	51096977	960.945	957.859
45)	L9 AR-1268-5	9.891	8.596	459.6E6	357.1E6	952.414	962.556

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070940.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 16:48
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

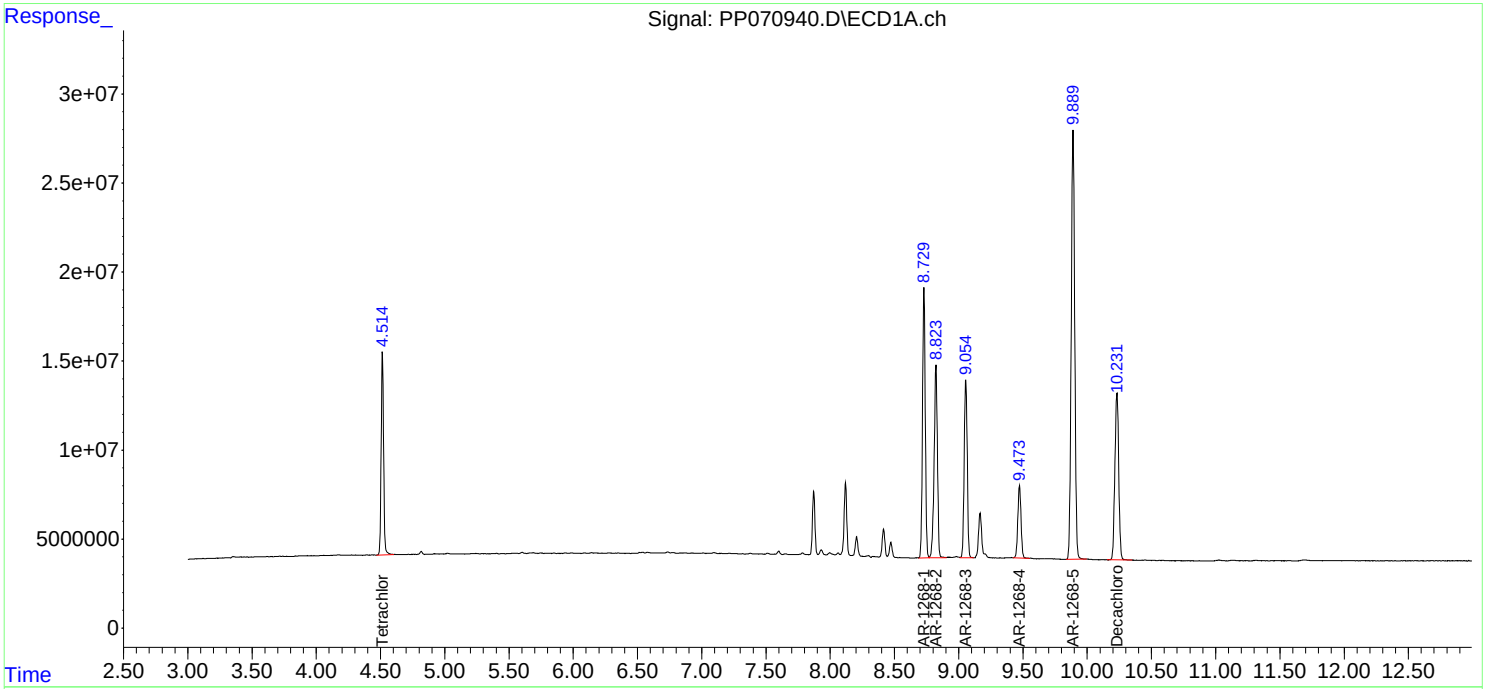
Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

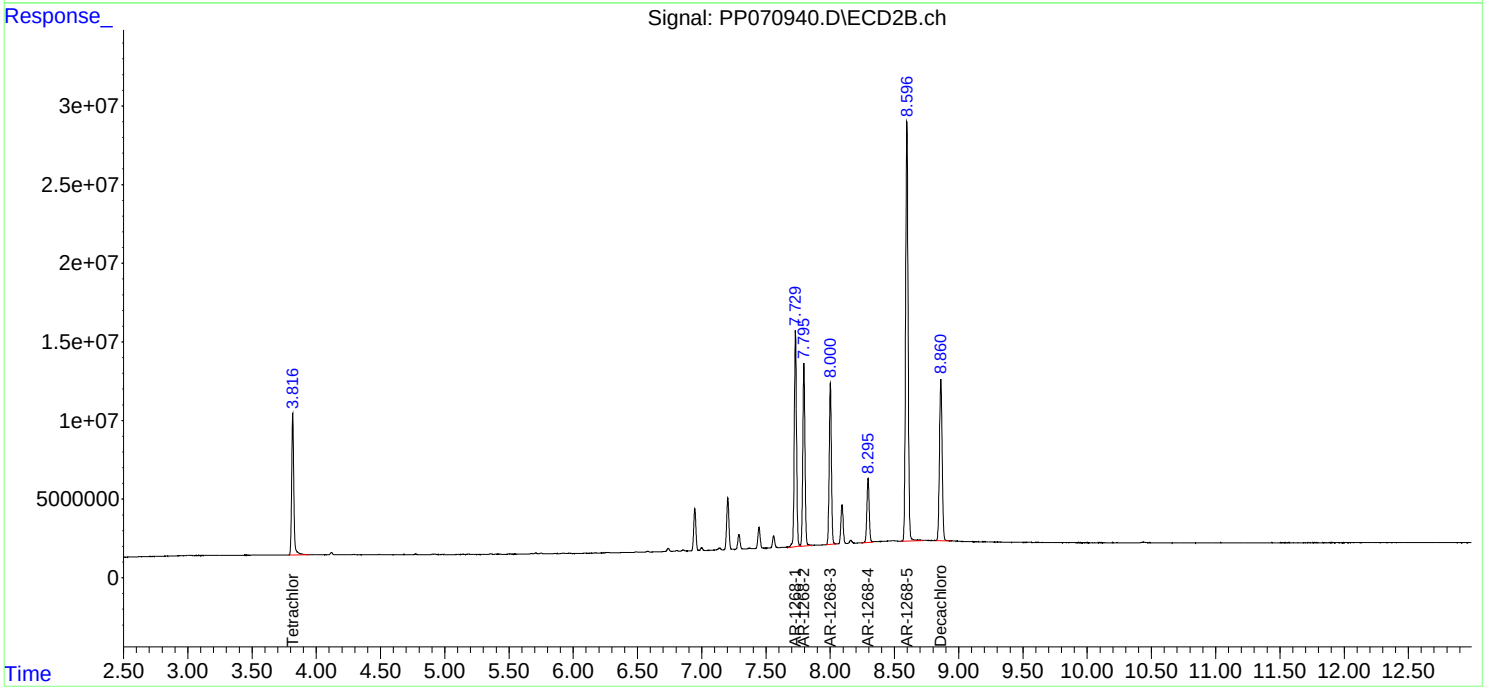
Manual Integrations APPROVED

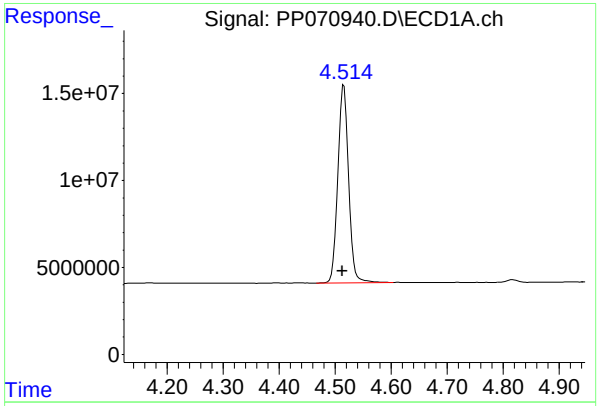
Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 17:58:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 17:56:10 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







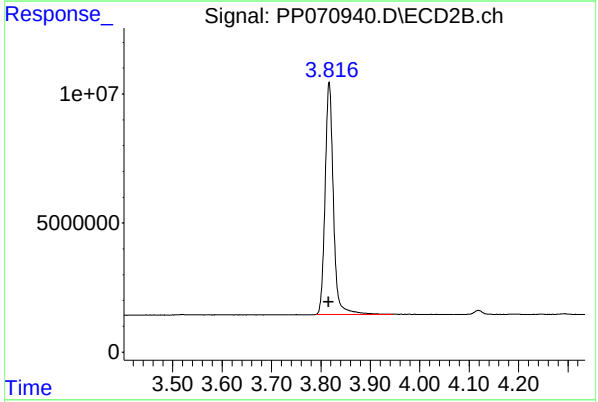
#1 Tetrachloro-m-xylene

R.T.: 4.516 min
Delta R.T.: 0.003 min
Response: 152348529
Conc: 94.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

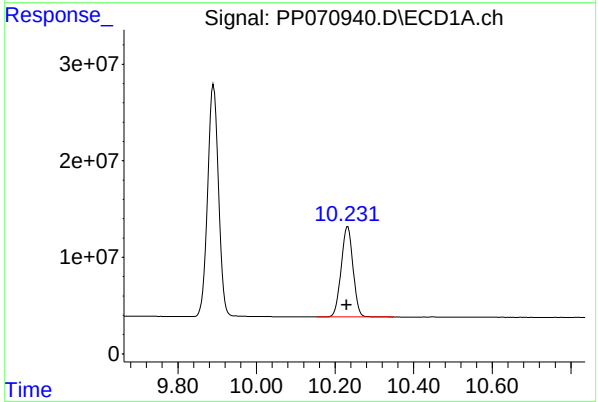
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



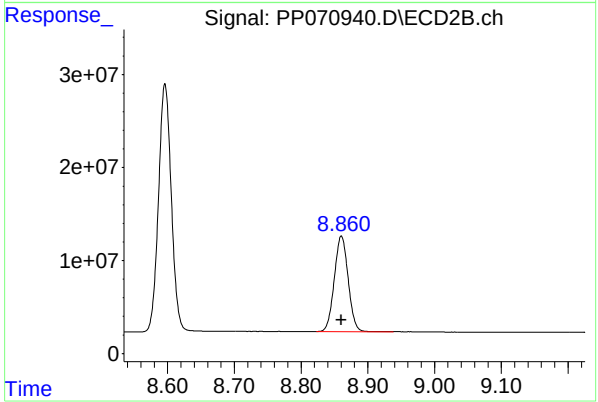
#1 Tetrachloro-m-xylene

R.T.: 3.817 min
Delta R.T.: 0.000 min
Response: 105128984
Conc: 94.01 ng/ml



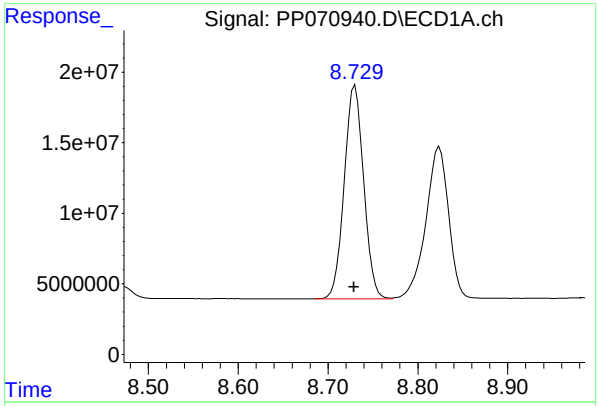
#2 Decachlorobiphenyl

R.T.: 10.232 min
Delta R.T.: 0.003 min
Response: 195698435
Conc: 93.38 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.860 min
Delta R.T.: 0.000 min
Response: 148482089
Conc: 94.97 ng/ml



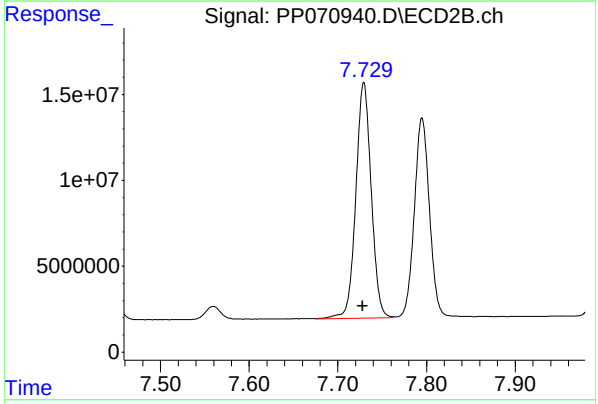
#41 AR-1268-1

R.T.: 8.730 min
Delta R.T.: 0.001 mi
Response: 226575551
Conc: 945.40 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

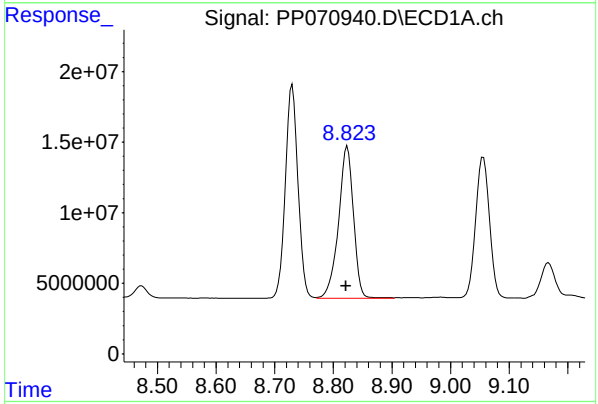
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



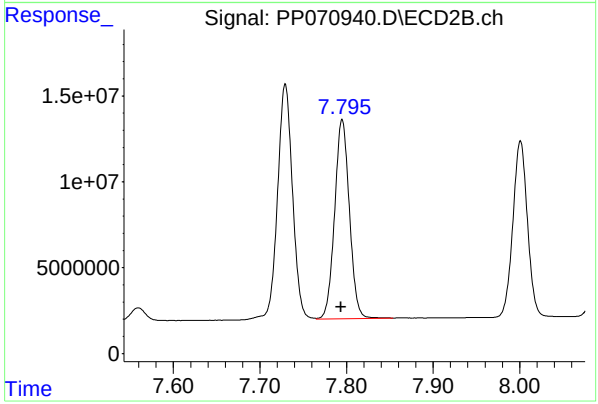
#41 AR-1268-1

R.T.: 7.729 min
Delta R.T.: 0.001 min
Response: 165356134
Conc: 946.51 ng/ml m



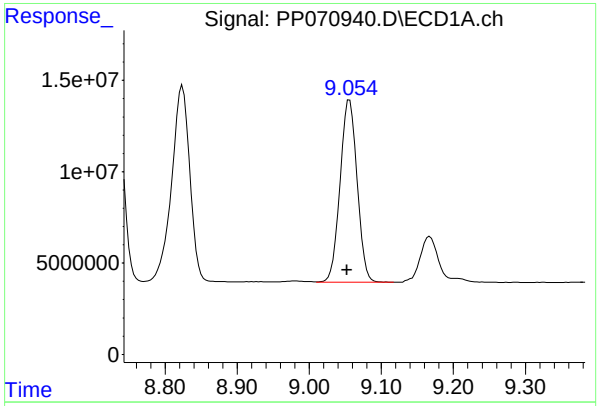
#42 AR-1268-2

R.T.: 8.824 min
Delta R.T.: 0.003 min
Response: 190380276
Conc: 950.80 ng/ml



#42 AR-1268-2

R.T.: 7.795 min
Delta R.T.: 0.001 min
Response: 137801505
Conc: 945.41 ng/ml



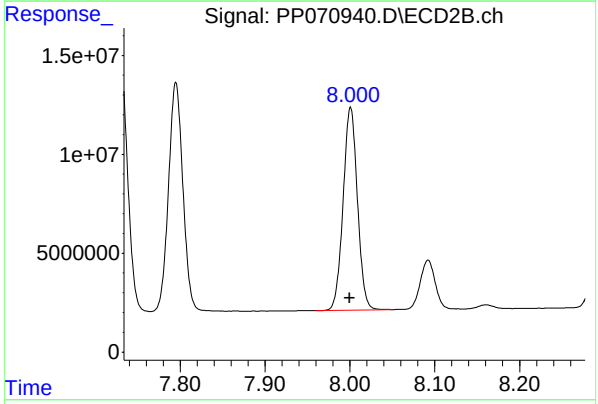
#43 AR-1268-3

R.T.: 9.056 min
Delta R.T.: 0.003 min
Response: 163648333
Conc: 940.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

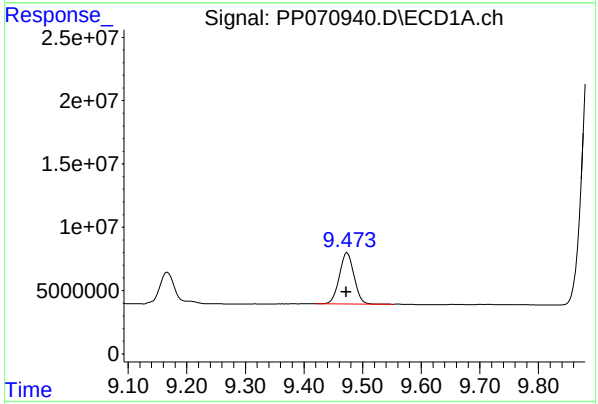
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



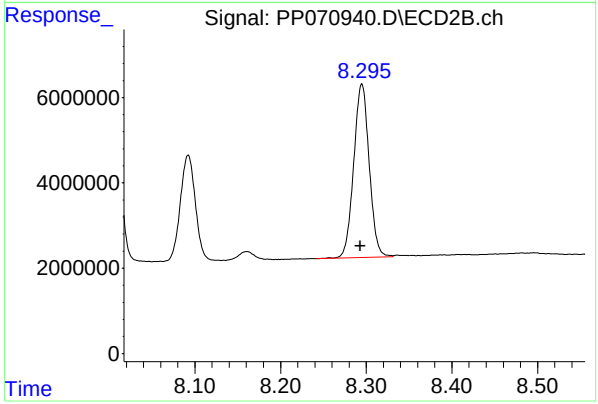
#43 AR-1268-3

R.T.: 8.001 min
Delta R.T.: 0.001 min
Response: 120132746
Conc: 965.77 ng/ml



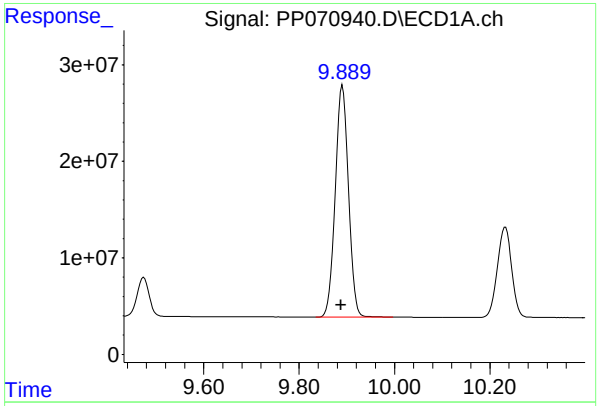
#44 AR-1268-4

R.T.: 9.474 min
Delta R.T.: 0.002 min
Response: 70377008
Conc: 960.95 ng/ml



#44 AR-1268-4

R.T.: 8.295 min
Delta R.T.: 0.002 min
Response: 51096977
Conc: 957.86 ng/ml



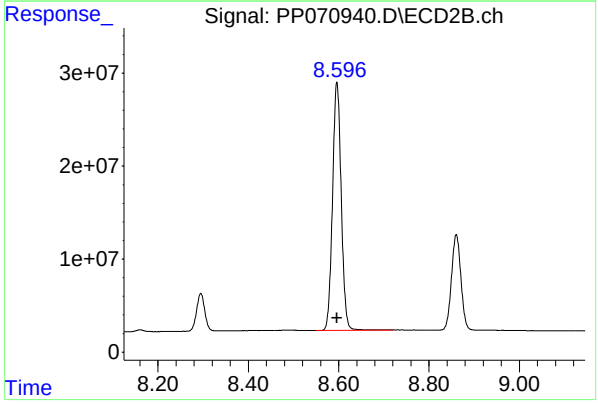
#45 AR-1268-5

R.T.: 9.891 min
Delta R.T.: 0.003 min
Response: 459553484
Conc: 952.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



#45 AR-1268-5

R.T.: 8.596 min
Delta R.T.: 0.000 min
Response: 357060145
Conc: 962.56 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070941.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 17:05
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 17:58:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 17:56:10 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...	4.514	3.817	119.6E6	83914927	74.397	75.039
2)	SA Decachlor...	10.230	8.861	154.1E6	118.4E6	73.551	75.751
	Target Compounds						
41)	L9 AR-1268-1	8.730	7.729	178.4E6	131.7E6	744.578	753.609m
42)	L9 AR-1268-2	8.823	7.795	149.2E6	110.8E6	745.140	760.189
43)	L9 AR-1268-3	9.055	8.000	128.8E6	95630424	740.439	768.788
44)	L9 AR-1268-4	9.473	8.294	55249435	40878954	754.389	766.313
45)	L9 AR-1268-5	9.890	8.596	361.2E6	282.2E6	748.577	760.668

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070941.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 17:05
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

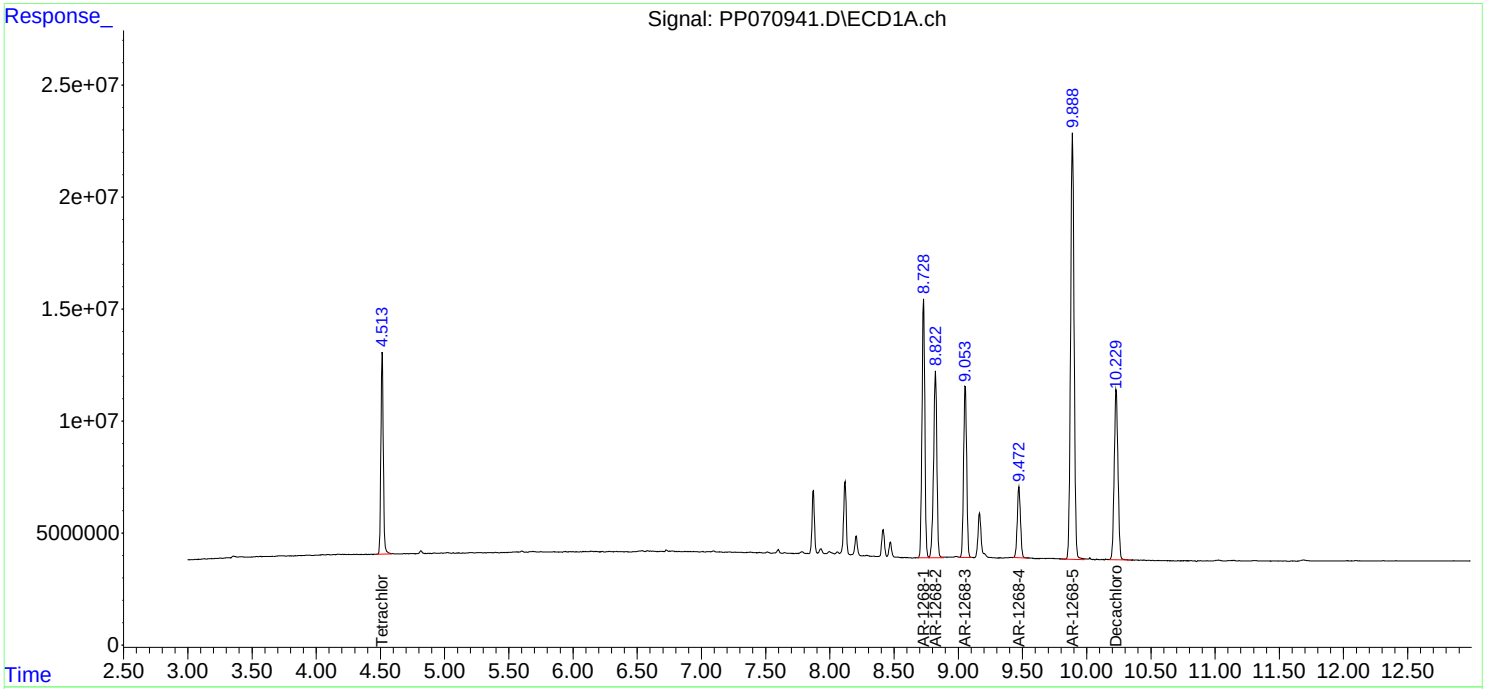
Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

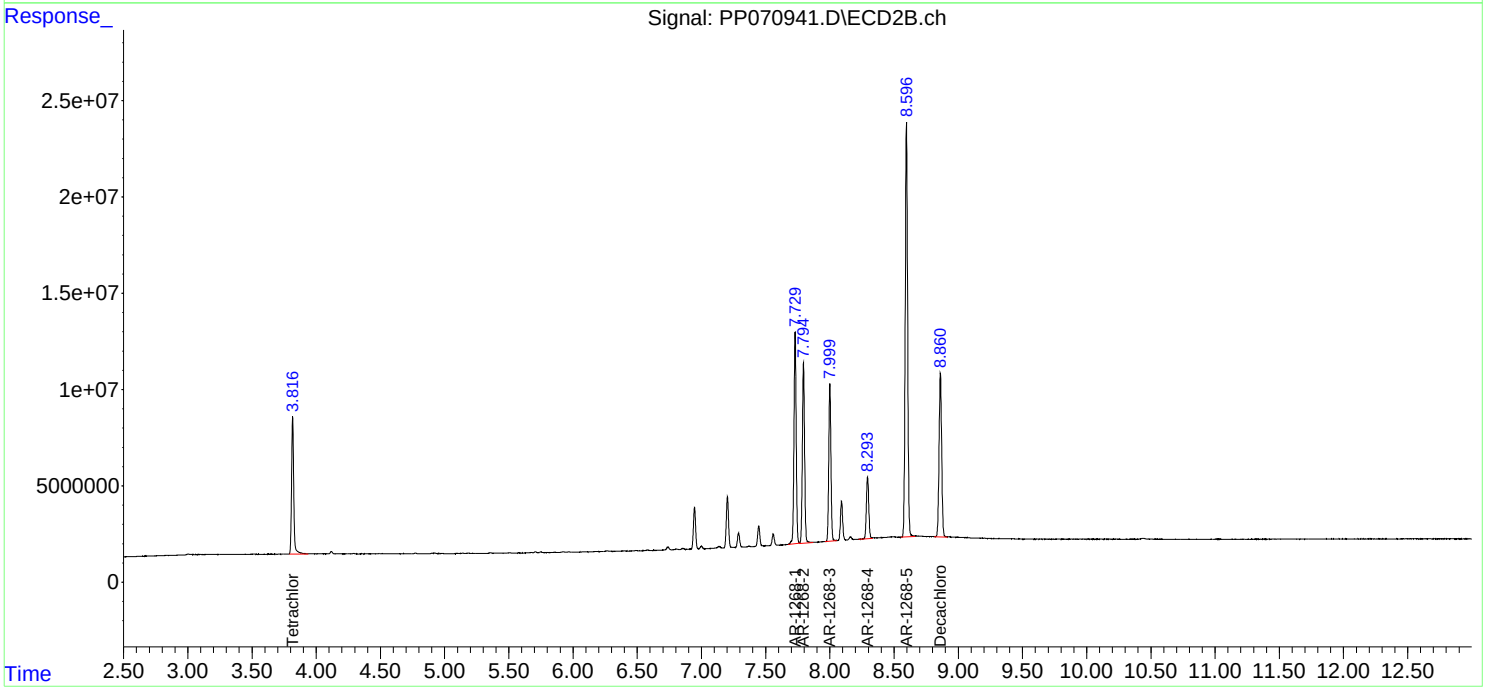
Manual Integrations APPROVED

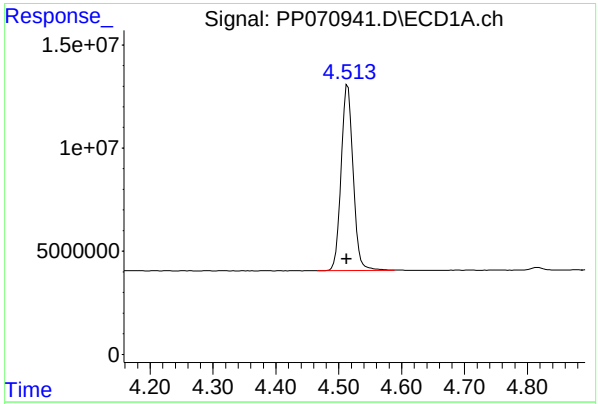
Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 17:58:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 17:56:10 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







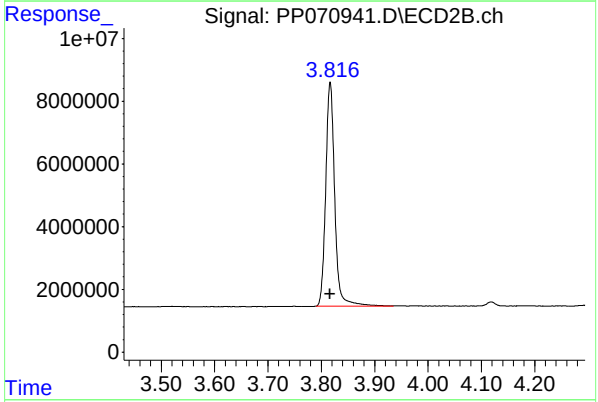
#1 Tetrachloro-m-xylene

R.T.: 4.514 min
Delta R.T.: 0.001 min
Response: 119597931
Conc: 74.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

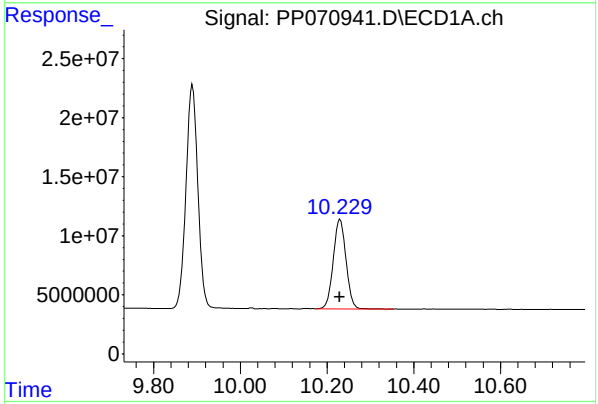
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



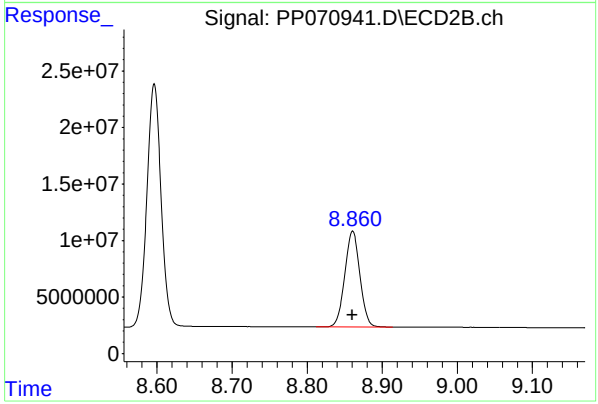
#1 Tetrachloro-m-xylene

R.T.: 3.817 min
Delta R.T.: 0.000 min
Response: 83914927
Conc: 75.04 ng/ml



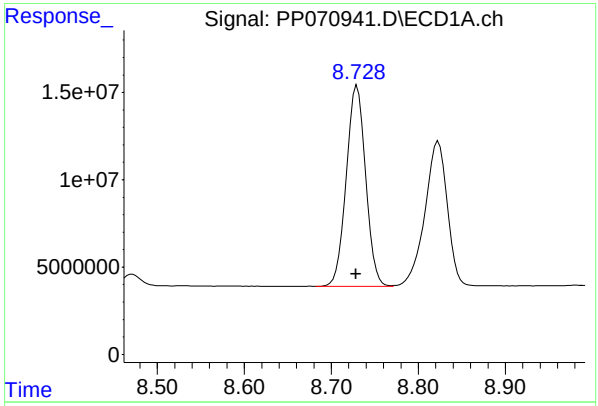
#2 Decachlorobiphenyl

R.T.: 10.230 min
Delta R.T.: 0.000 min
Response: 154146813
Conc: 73.55 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.861 min
Delta R.T.: 0.000 min
Response: 118436920
Conc: 75.75 ng/ml



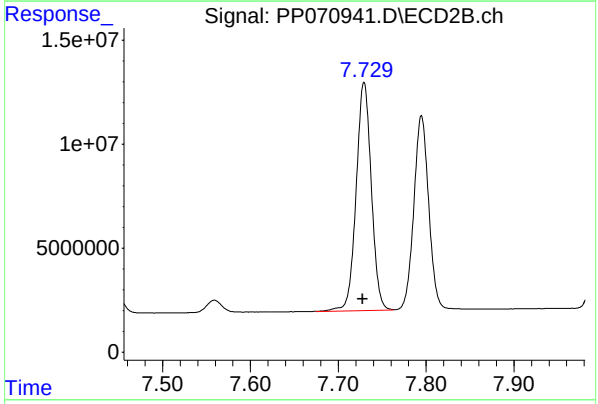
#41 AR-1268-1

R.T.: 8.730 min
Delta R.T.: 0.001 mi
Response: 178445590
Conc: 744.58 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

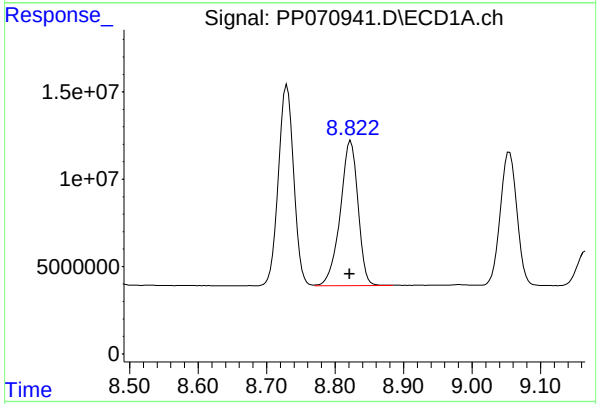
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



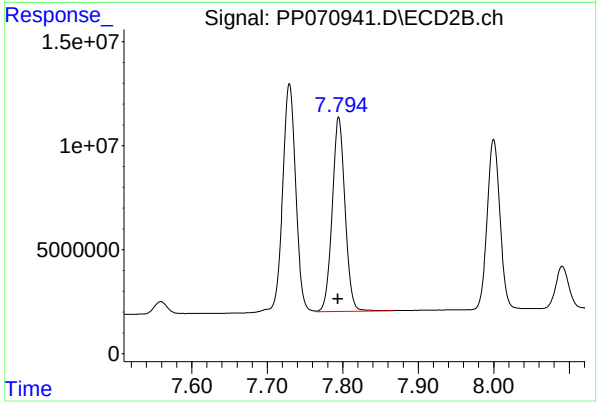
#41 AR-1268-1

R.T.: 7.729 min
Delta R.T.: 0.001 min
Response: 131656350
Conc: 753.61 ng/ml m



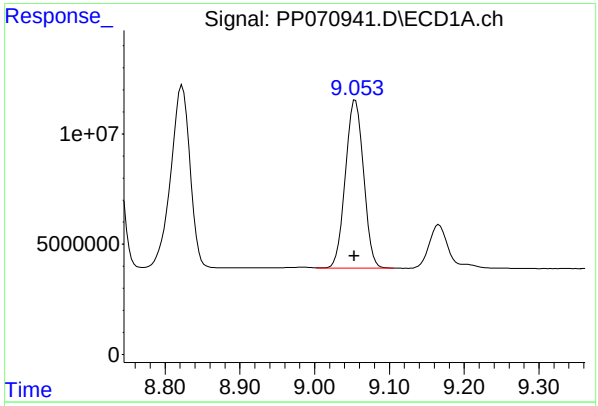
#42 AR-1268-2

R.T.: 8.823 min
Delta R.T.: 0.002 min
Response: 149201176
Conc: 745.14 ng/ml



#42 AR-1268-2

R.T.: 7.795 min
Delta R.T.: 0.001 min
Response: 110804324
Conc: 760.19 ng/ml



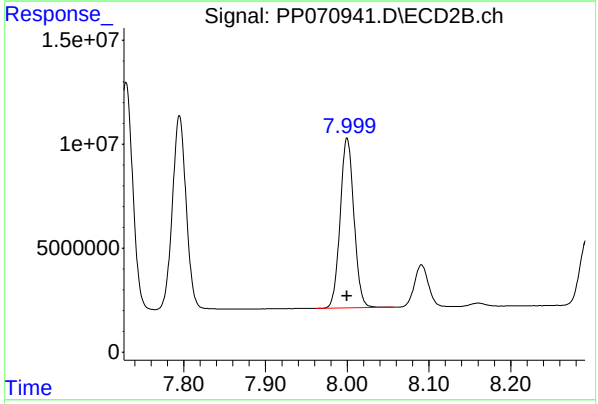
#43 AR-1268-3

R.T.: 9.055 min
Delta R.T.: 0.002 min
Response: 128803338
Conc: 740.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

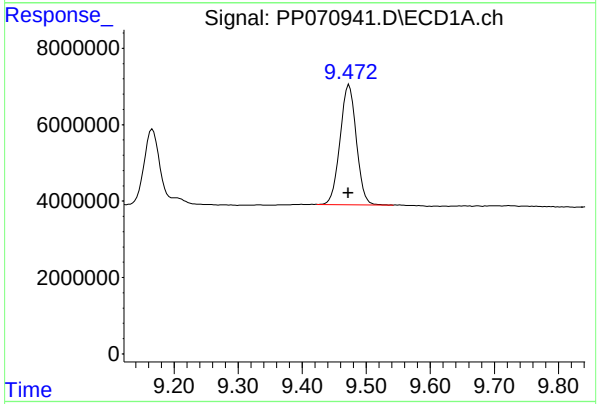
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



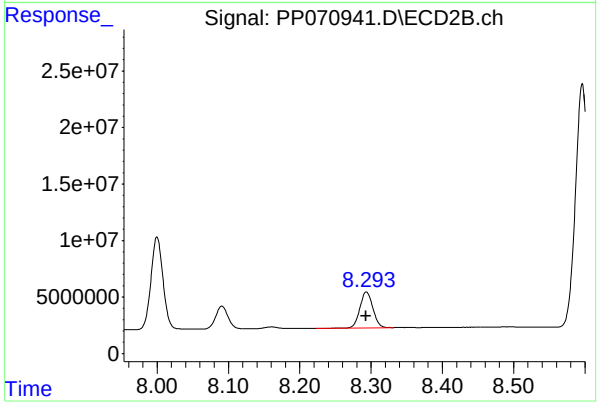
#43 AR-1268-3

R.T.: 8.000 min
Delta R.T.: 0.000 min
Response: 95630424
Conc: 768.79 ng/ml



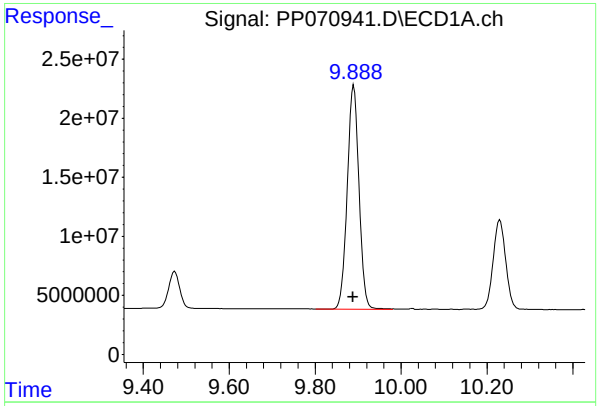
#44 AR-1268-4

R.T.: 9.473 min
Delta R.T.: 0.001 min
Response: 55249435
Conc: 754.39 ng/ml



#44 AR-1268-4

R.T.: 8.294 min
Delta R.T.: 0.000 min
Response: 40878954
Conc: 766.31 ng/ml



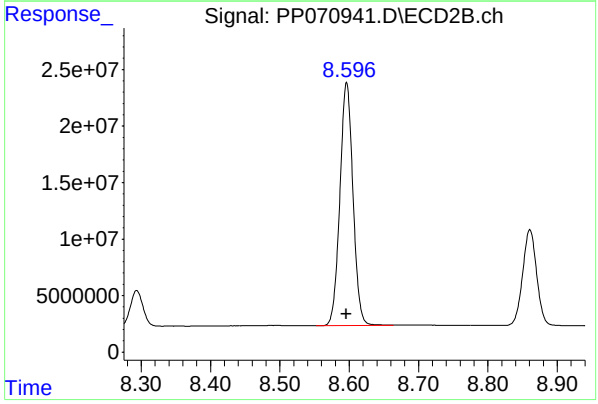
#45 AR-1268-5

R.T.: 9.890 min
Delta R.T.: 0.002 min
Response: 361198889
Conc: 748.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



#45 AR-1268-5

R.T.: 8.596 min
Delta R.T.: 0.000 min
Response: 282169730
Conc: 760.67 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070942.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 17:21
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 17:58:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 17:56:10 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...	4.513	3.816	80378727	55914176	50.000	50.000
2)	SA Decachlor...	10.230	8.860	104.8E6	78175161	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	8.729	7.728	119.8E6	87376833	500.000	500.150m
42)	L9 AR-1268-2	8.821	7.793	100.1E6	72879434	500.000	500.000
43)	L9 AR-1268-3	9.053	8.000	86977678	62195601	500.000	500.000
44)	L9 AR-1268-4	9.472	8.293	36618642	26672497	500.000	500.000
45)	L9 AR-1268-5	9.888	8.596	241.3E6	185.5E6	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\PP032725\
Data File : PP070942.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 17:21
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

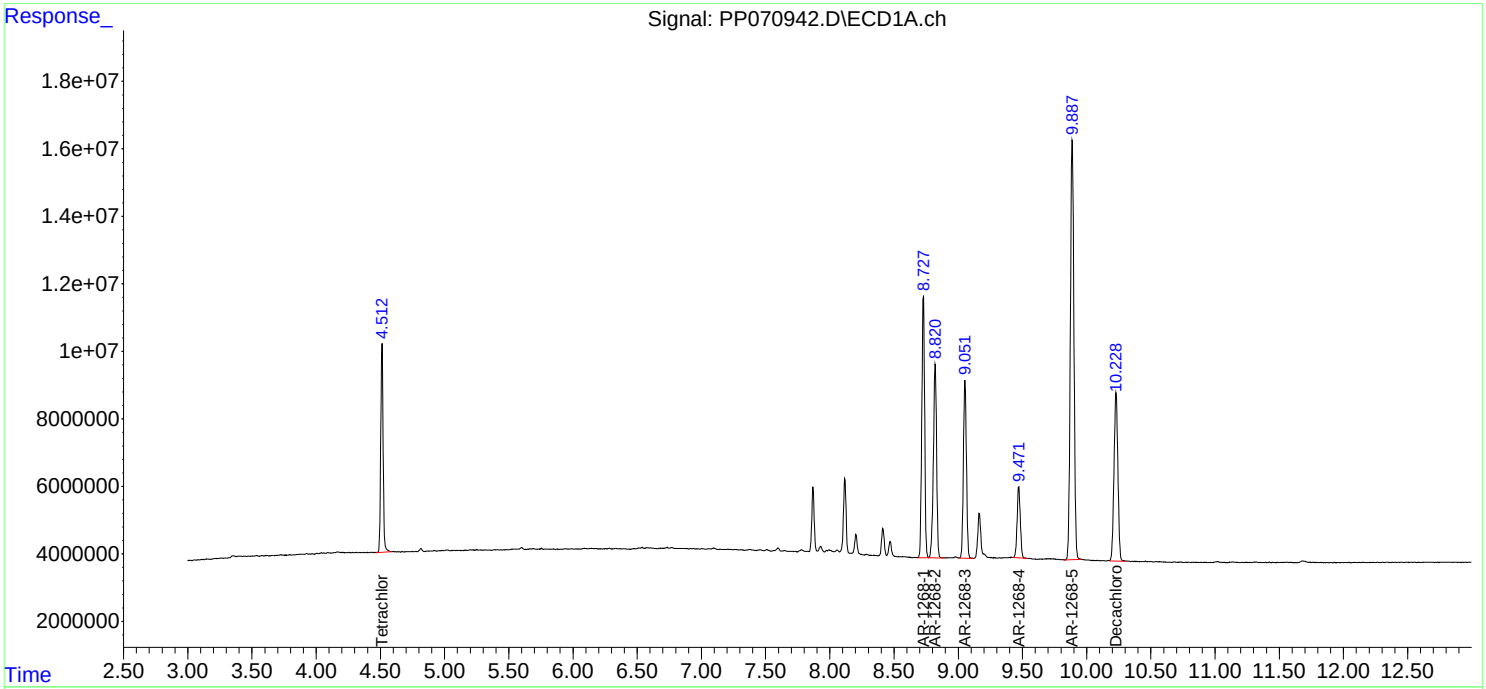
Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

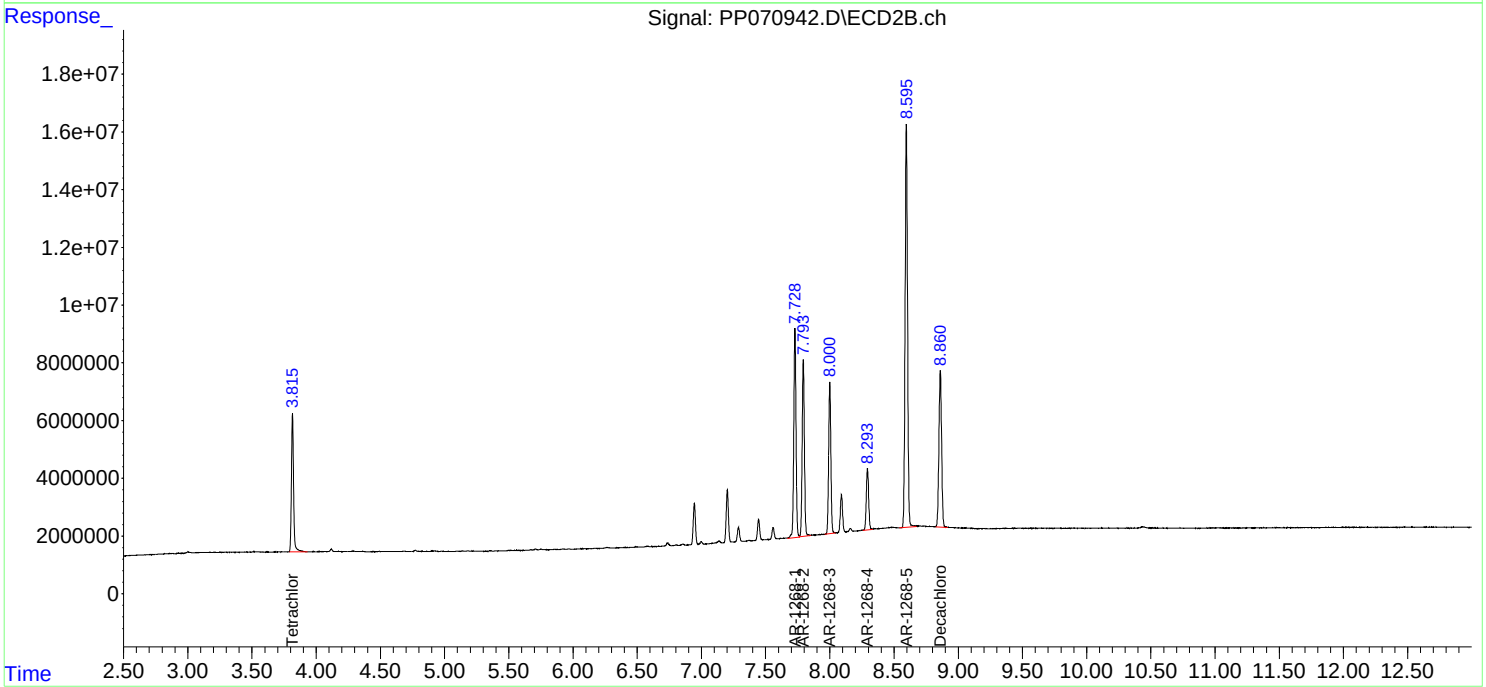
Manual Integrations APPROVED

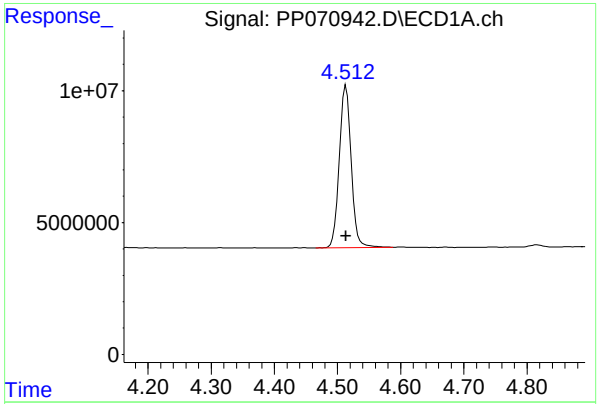
Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 17:58:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 17:56:10 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







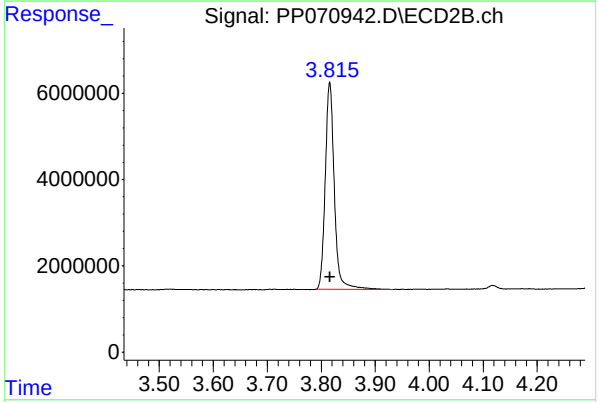
#1 Tetrachloro-m-xylene

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 80378727
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

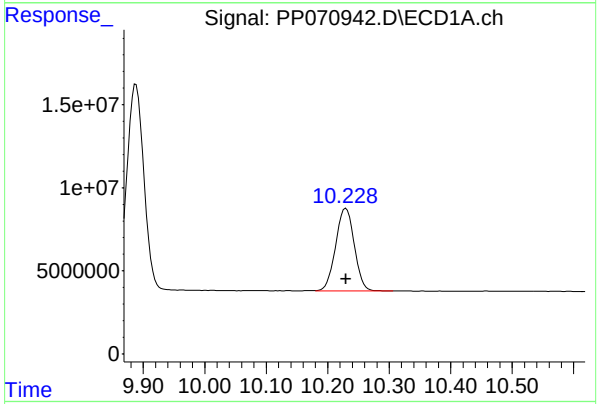
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



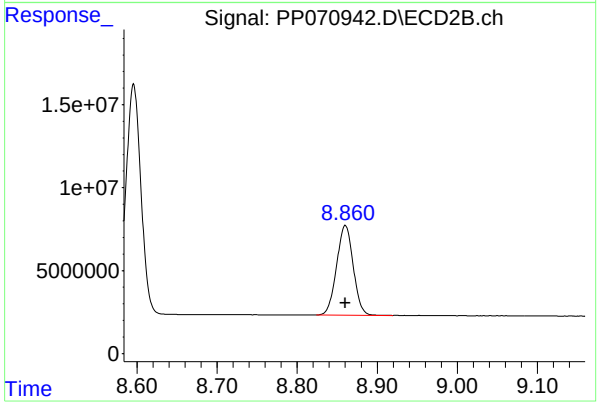
#1 Tetrachloro-m-xylene

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 55914176
Conc: 50.00 ng/ml



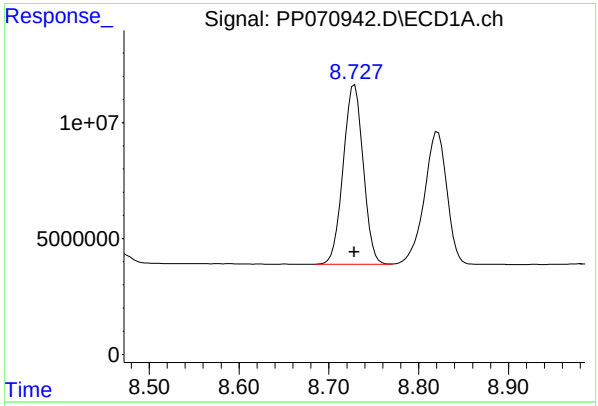
#2 Decachlorobiphenyl

R.T.: 10.230 min
Delta R.T.: 0.000 min
Response: 104789095
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.860 min
Delta R.T.: 0.000 min
Response: 78175161
Conc: 50.00 ng/ml



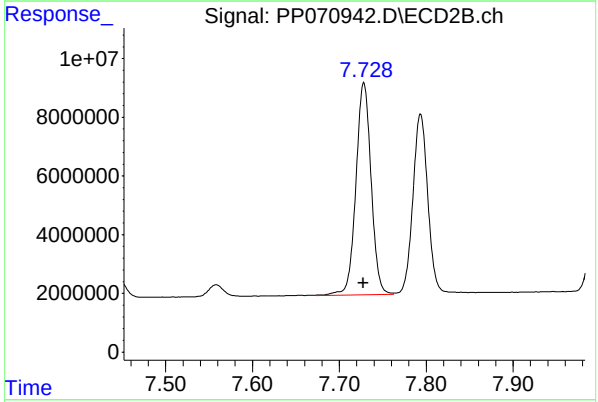
#41 AR-1268-1

R.T.: 8.729 min
Delta R.T.: 0.000 mi
Response: 119830016
Conc: 500.00 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

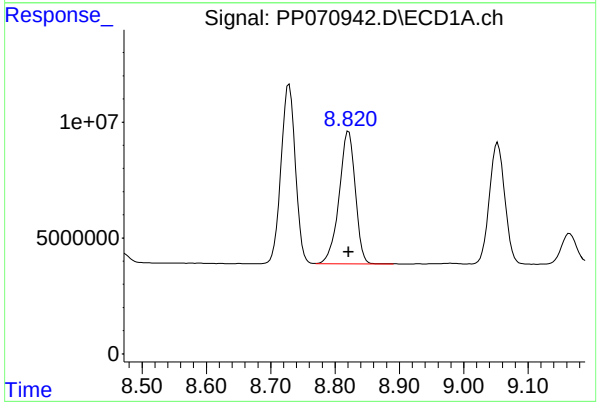
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



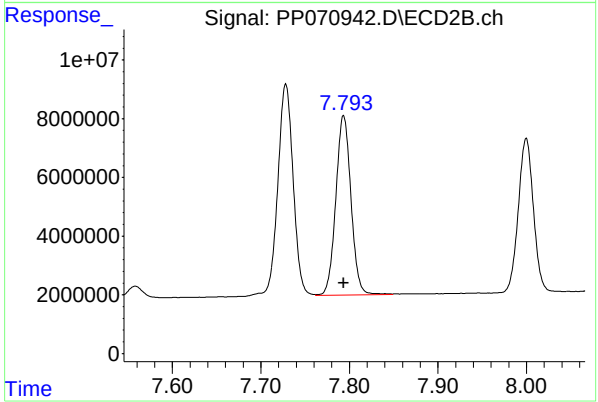
#41 AR-1268-1

R.T.: 7.728 min
Delta R.T.: 0.000 min
Response: 87376833
Conc: 500.15 ng/ml m



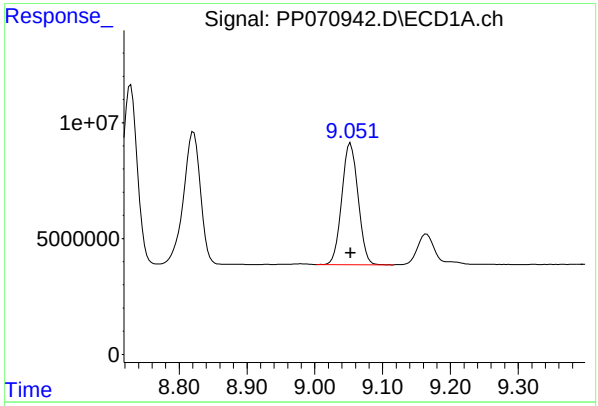
#42 AR-1268-2

R.T.: 8.821 min
Delta R.T.: 0.000 min
Response: 100116173
Conc: 500.00 ng/ml



#42 AR-1268-2

R.T.: 7.793 min
Delta R.T.: 0.000 min
Response: 72879434
Conc: 500.00 ng/ml



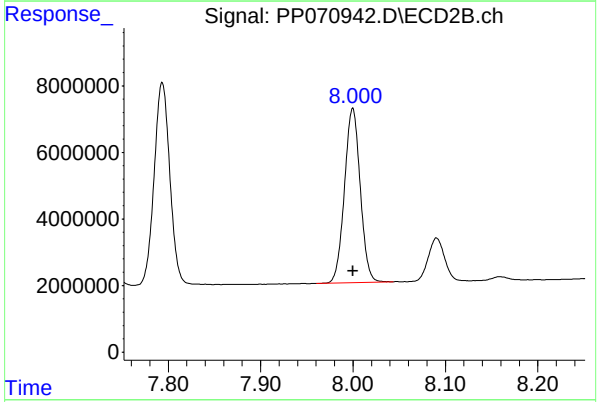
#43 AR-1268-3

R.T.: 9.053 min
Delta R.T.: 0.000 min
Response: 86977678
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

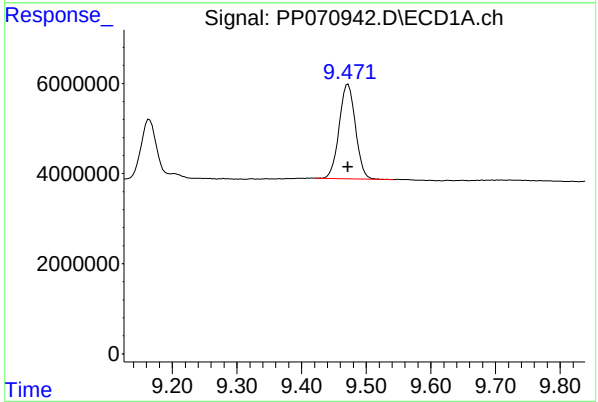
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



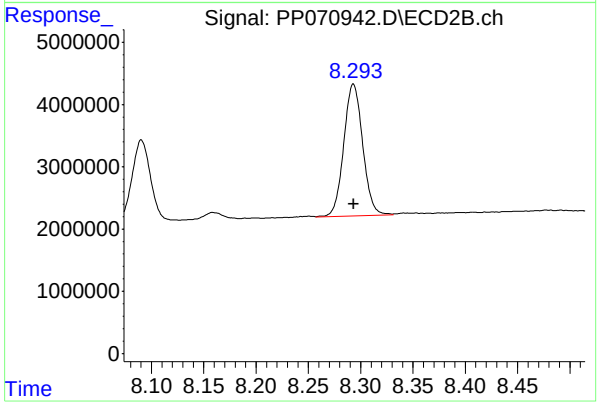
#43 AR-1268-3

R.T.: 8.000 min
Delta R.T.: 0.000 min
Response: 62195601
Conc: 500.00 ng/ml



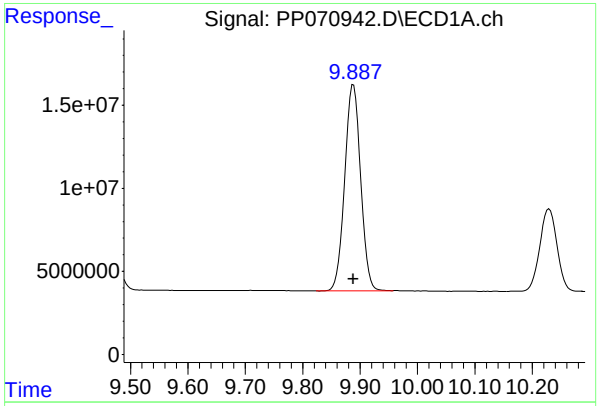
#44 AR-1268-4

R.T.: 9.472 min
Delta R.T.: 0.000 min
Response: 36618642
Conc: 500.00 ng/ml



#44 AR-1268-4

R.T.: 8.293 min
Delta R.T.: 0.000 min
Response: 26672497
Conc: 500.00 ng/ml



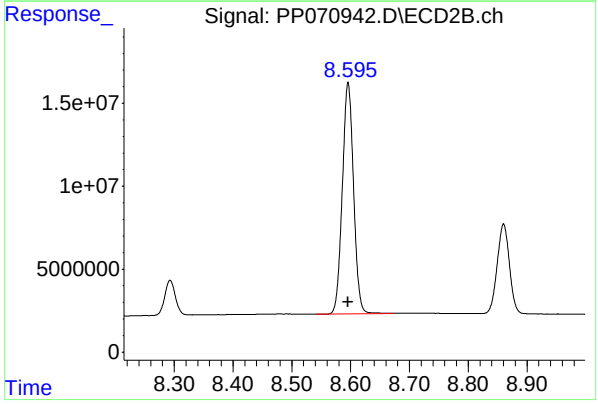
#45 AR-1268-5

R.T.: 9.888 min
Delta R.T.: 0.000 min
Response: 241257148
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



#45 AR-1268-5

R.T.: 8.596 min
Delta R.T.: 0.000 min
Response: 185474929
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070943.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 17:37
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 17:58:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 17:56:10 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...	4.515	3.817	41125313	29588552	25.582	26.459
2)	SA Decachlor...	10.232	8.859	54285349	40518249	25.902	25.915
	Target Compounds						
41)	L9 AR-1268-1	8.730	7.729	61973048	44233672	258.587	253.196m
42)	L9 AR-1268-2	8.824	7.794	51237231	36694564	255.889	251.748
43)	L9 AR-1268-3	9.055	8.000	44311644	31811936	254.730	255.741
44)	L9 AR-1268-4	9.473	8.295	18700738	13922493	255.345	260.990
45)	L9 AR-1268-5	9.890	8.596	124.6E6	91636186	258.260	247.031

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070943.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 17:37
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

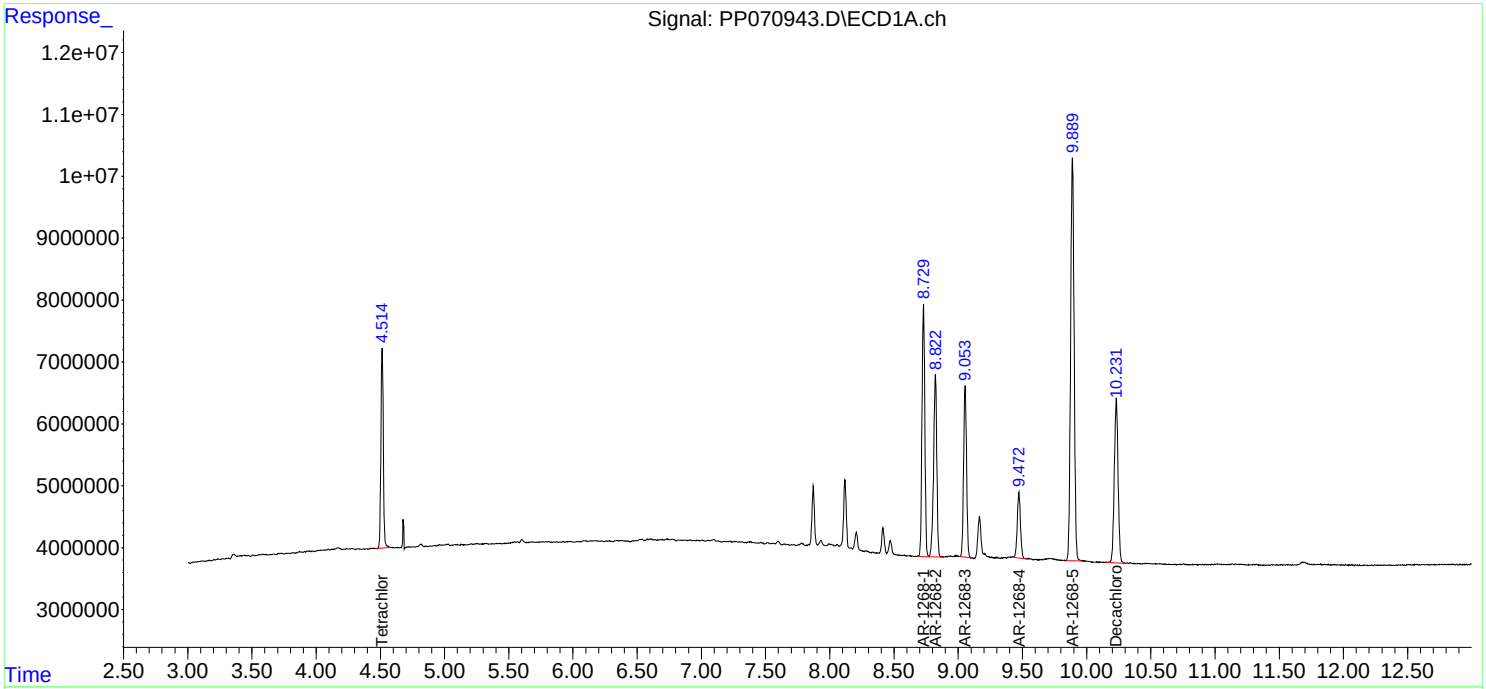
Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

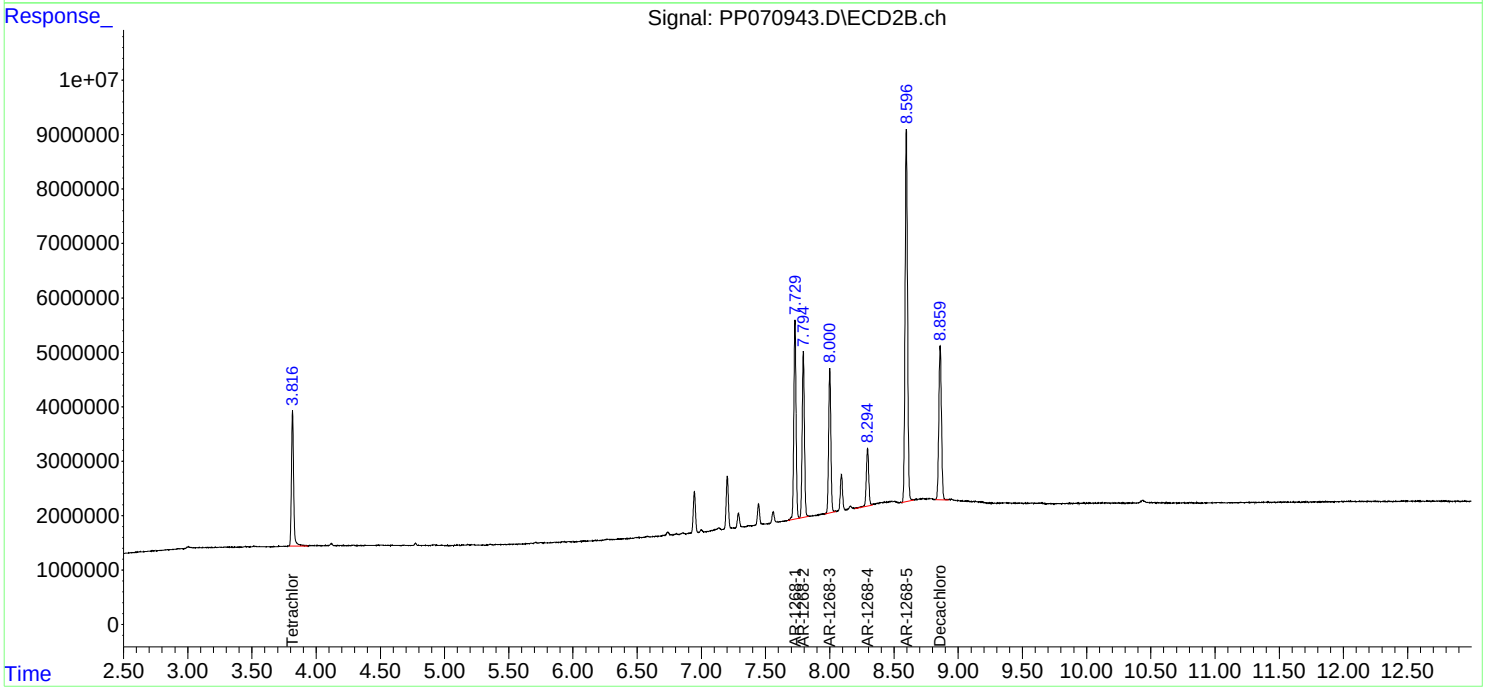
Manual Integrations APPROVED

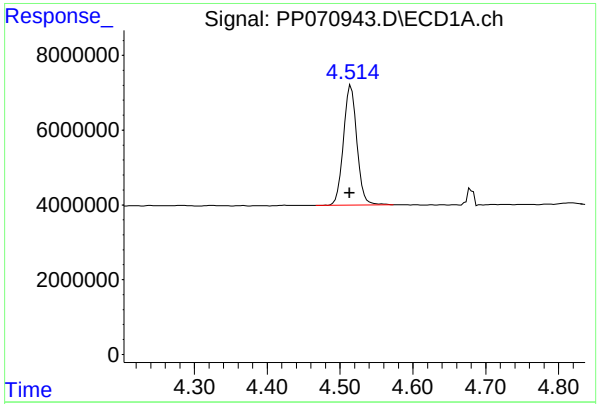
Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 17:58:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 17:56:10 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







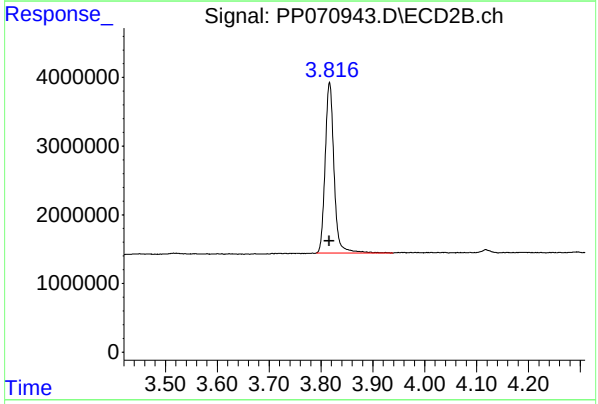
#1 Tetrachloro-m-xylene

R.T.: 4.515 min
Delta R.T.: 0.002 min
Response: 41125313
Conc: 25.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

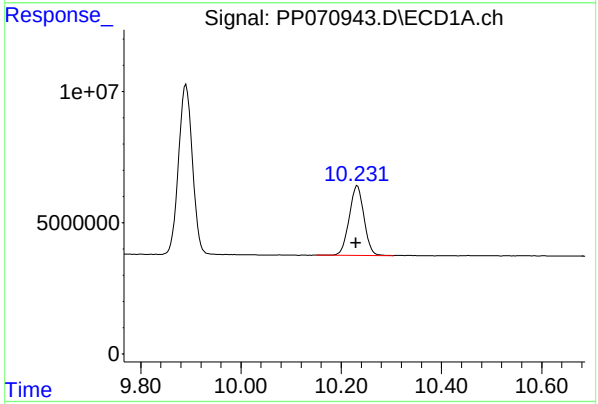
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



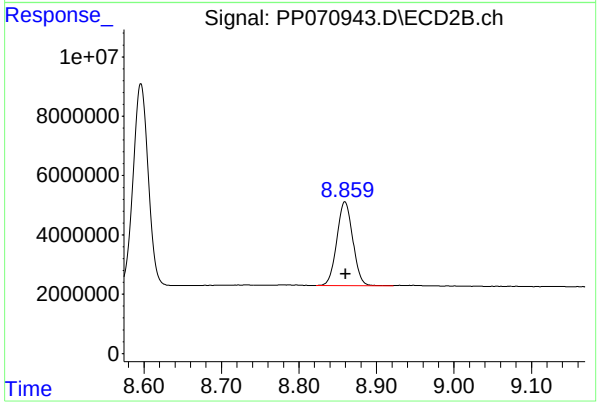
#1 Tetrachloro-m-xylene

R.T.: 3.817 min
Delta R.T.: 0.000 min
Response: 29588552
Conc: 26.46 ng/ml



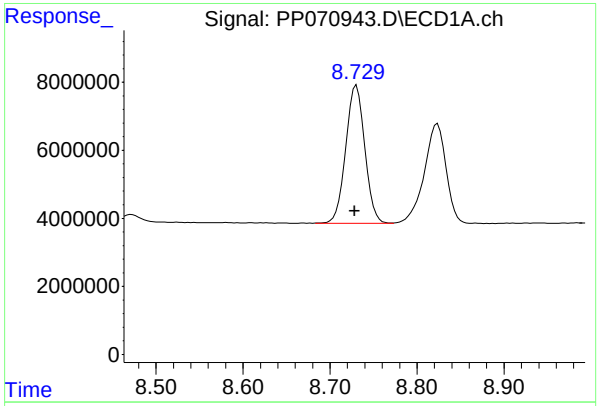
#2 Decachlorobiphenyl

R.T.: 10.232 min
Delta R.T.: 0.003 min
Response: 54285349
Conc: 25.90 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.859 min
Delta R.T.: 0.000 min
Response: 40518249
Conc: 25.92 ng/ml



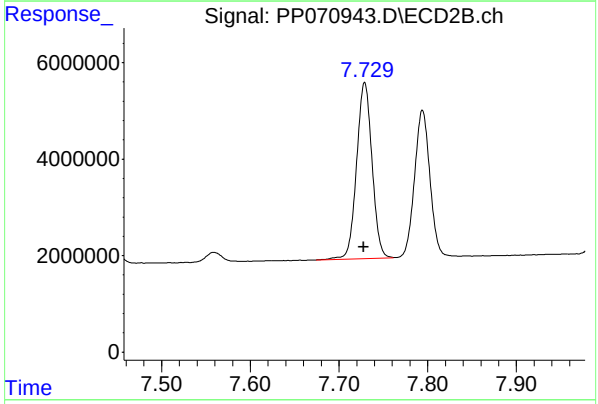
#41 AR-1268-1

R.T.: 8.730 min
Delta R.T.: 0.002 mi
Response: 61973048
Conc: 258.59 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

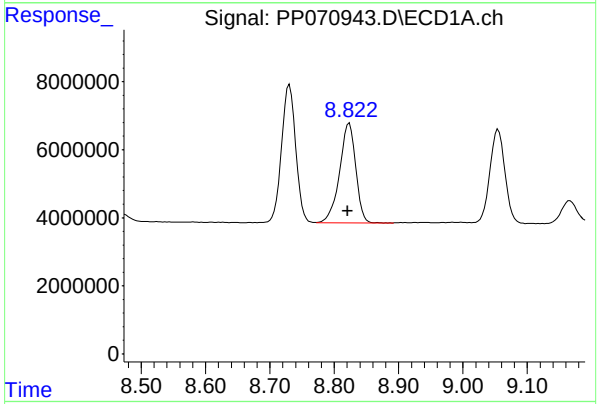
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



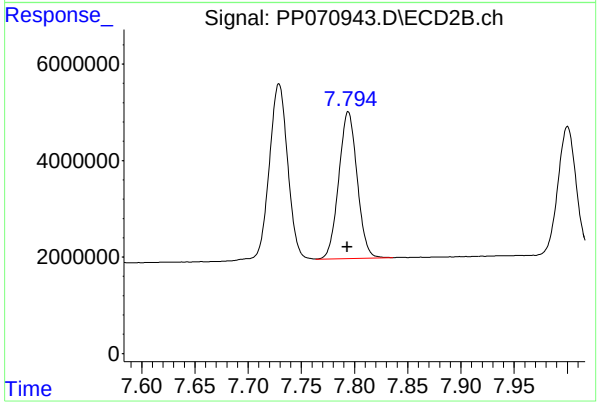
#41 AR-1268-1

R.T.: 7.729 min
Delta R.T.: 0.000 min
Response: 44233672
Conc: 253.20 ng/ml m



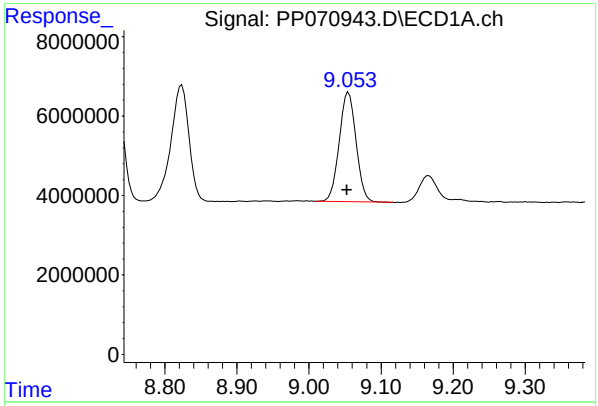
#42 AR-1268-2

R.T.: 8.824 min
Delta R.T.: 0.002 min
Response: 51237231
Conc: 255.89 ng/ml



#42 AR-1268-2

R.T.: 7.794 min
Delta R.T.: 0.000 min
Response: 36694564
Conc: 251.75 ng/ml



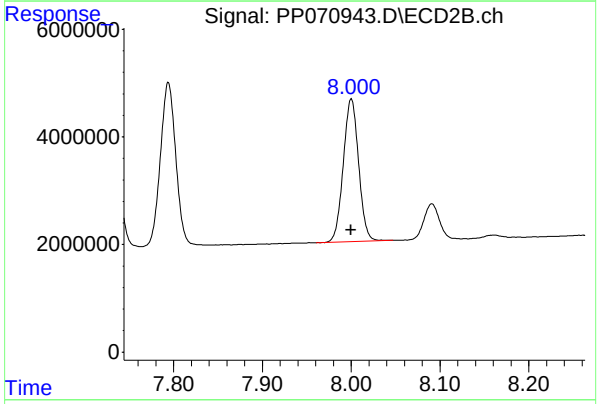
#43 AR-1268-3

R.T.: 9.055 min
Delta R.T.: 0.002 min
Response: 44311644
Conc: 254.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

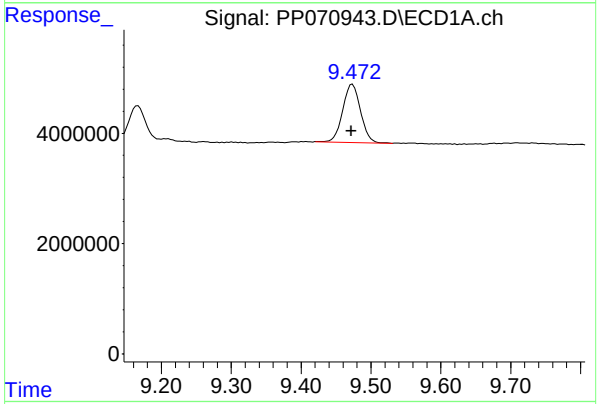
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



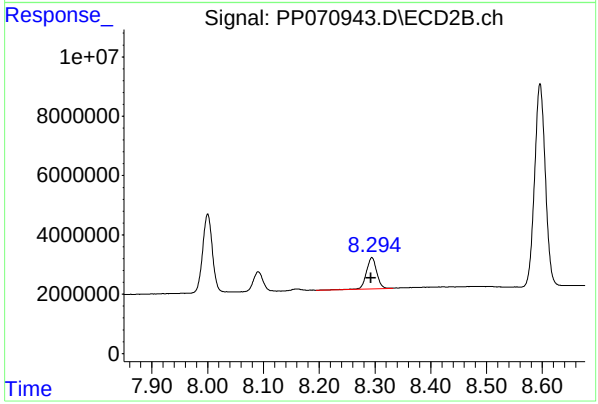
#43 AR-1268-3

R.T.: 8.000 min
Delta R.T.: 0.000 min
Response: 31811936
Conc: 255.74 ng/ml



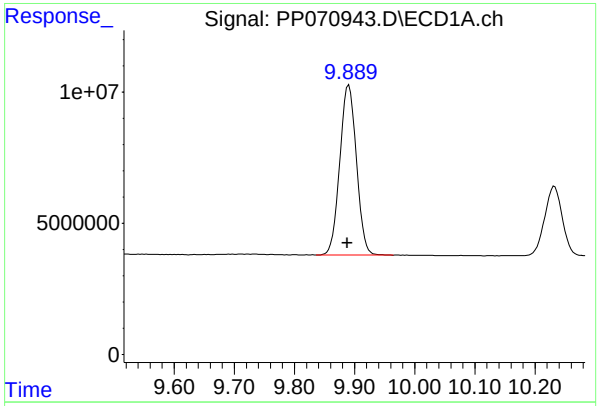
#44 AR-1268-4

R.T.: 9.473 min
Delta R.T.: 0.002 min
Response: 18700738
Conc: 255.34 ng/ml



#44 AR-1268-4

R.T.: 8.295 min
Delta R.T.: 0.002 min
Response: 13922493
Conc: 260.99 ng/ml



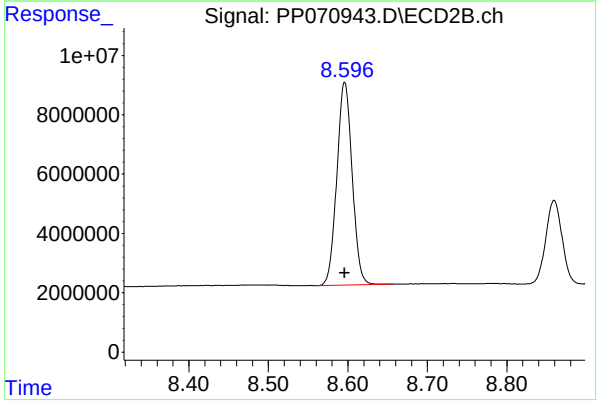
#45 AR-1268-5

R.T.: 9.890 min
Delta R.T.: 0.002 min
Response: 124614186
Conc: 258.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



#45 AR-1268-5

R.T.: 8.596 min
Delta R.T.: 0.000 min
Response: 91636186
Conc: 247.03 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070944.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 17:53
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 18:13:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 17:56:10 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...	4.514	3.816	7200607	6304440	4.457m	5.529
2)	SA Decachlor...	10.230	8.859	10035177	7161586	4.762	4.510
	Target Compounds						
41)	L9 AR-1268-1	8.729	7.728	11274140	8221191	46.621	46.780m
42)	L9 AR-1268-2	8.822	7.794	9103995	6916833	45.210	47.131
43)	L9 AR-1268-3	9.054	7.999	8398993	5823381	48.183	46.078
44)	L9 AR-1268-4	9.471	8.293	3082639	2471433	41.712	45.336m
45)	L9 AR-1268-5	9.889	8.596	22937830	16928167	47.050	45.599

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070944.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 17:53
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

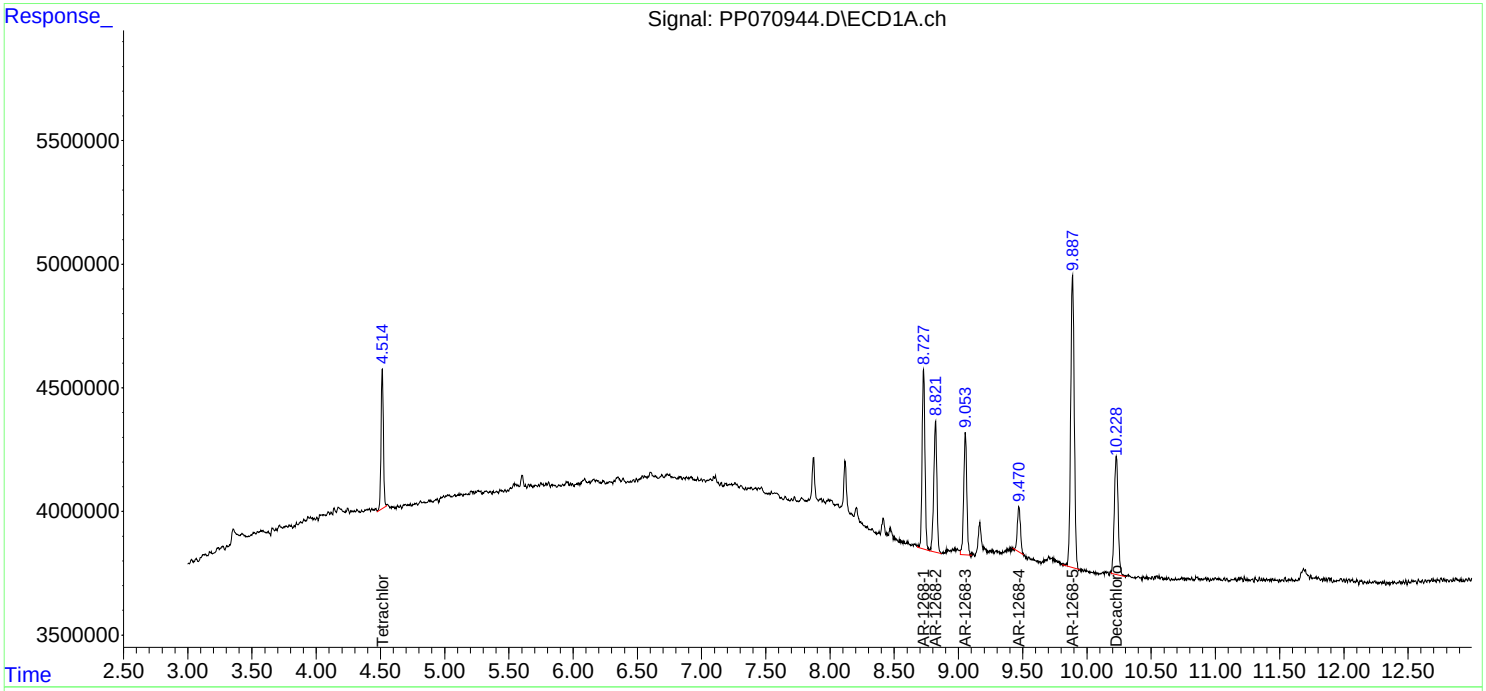
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

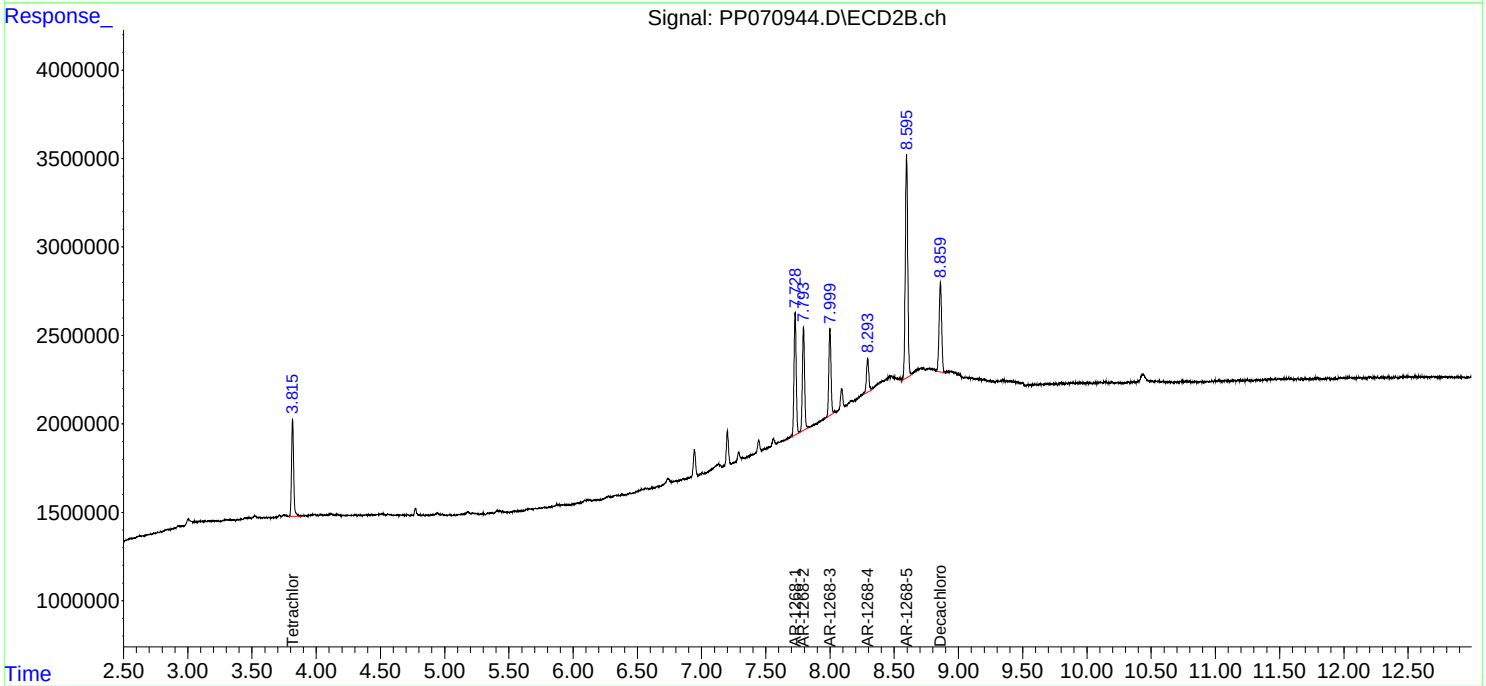
Manual Integrations APPROVED

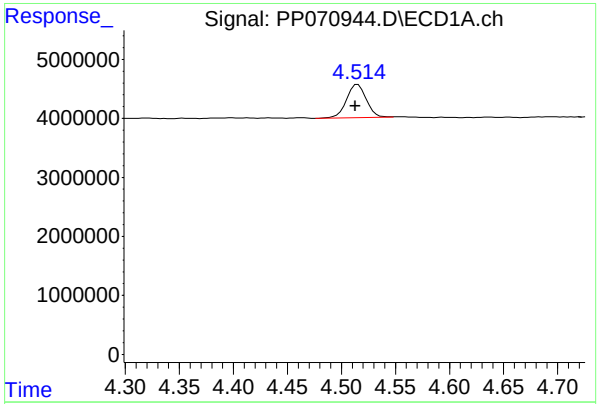
Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 18:13:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 17:56:10 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







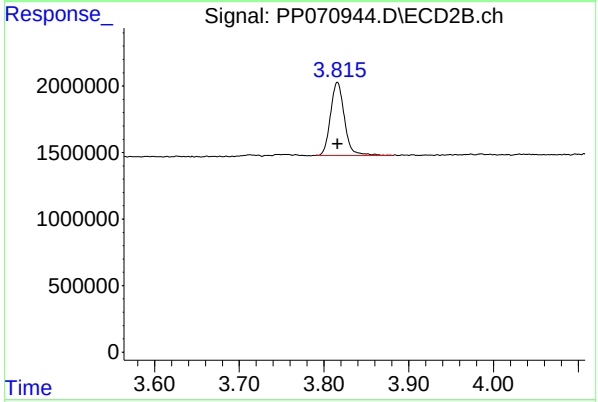
#1 Tetrachloro-m-xylene

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 7200607
Conc: 4.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

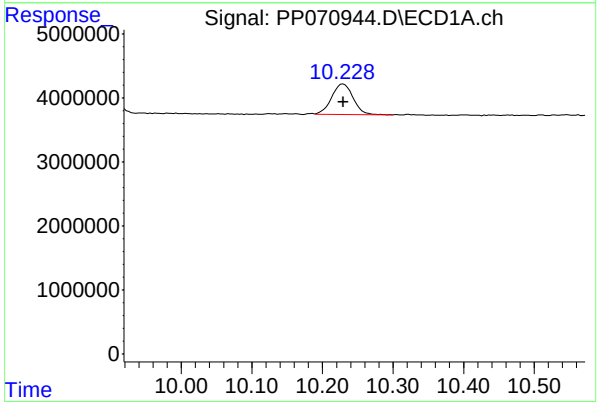
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



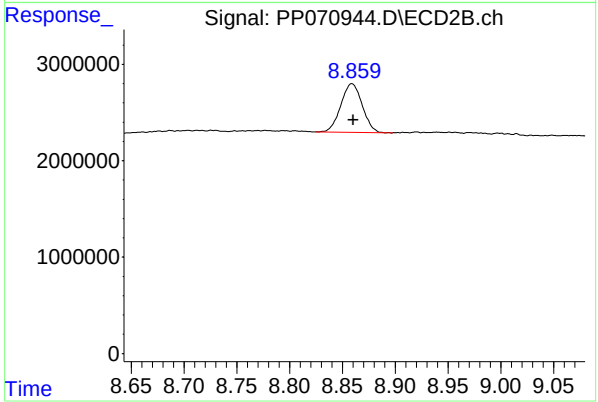
#1 Tetrachloro-m-xylene

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 6304440
Conc: 5.53 ng/ml



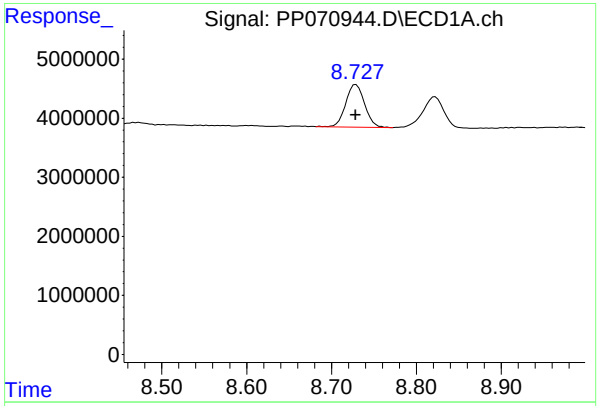
#2 Decachlorobiphenyl

R.T.: 10.230 min
Delta R.T.: 0.000 min
Response: 10035177
Conc: 4.76 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.859 min
Delta R.T.: -0.001 min
Response: 7161586
Conc: 4.51 ng/ml



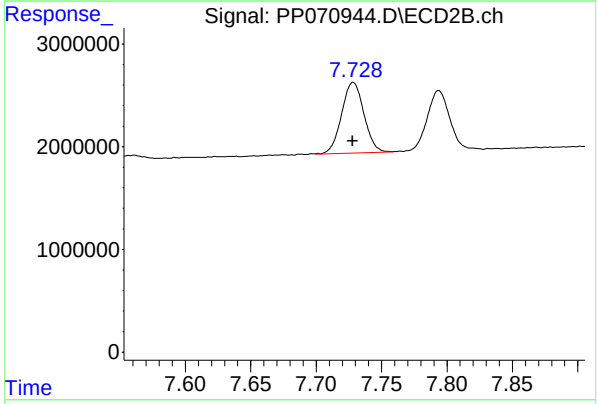
#41 AR-1268-1

R.T.: 8.729 min
Delta R.T.: 0.000 mi
Response: 11274140
Conc: 46.62 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

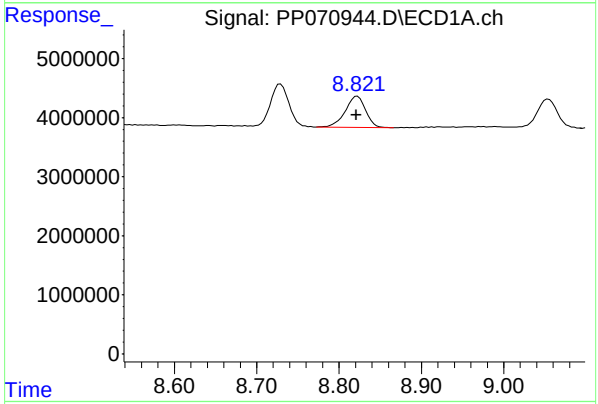
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



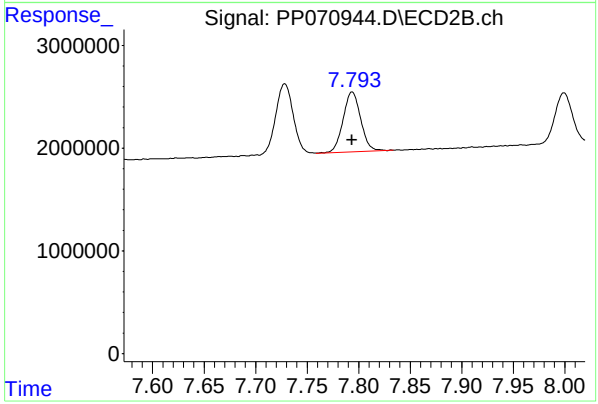
#41 AR-1268-1

R.T.: 7.728 min
Delta R.T.: 0.000 min
Response: 8221191
Conc: 46.78 ng/ml m



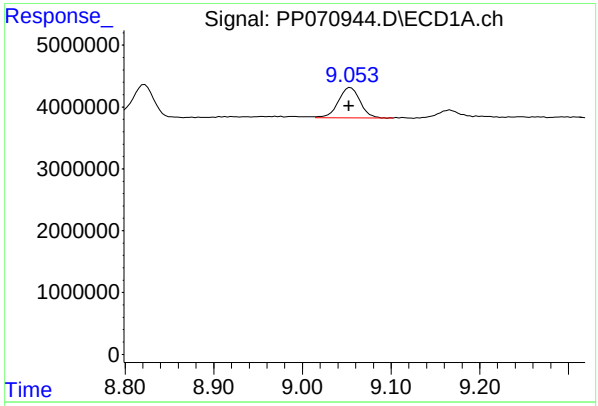
#42 AR-1268-2

R.T.: 8.822 min
Delta R.T.: 0.000 min
Response: 9103995
Conc: 45.21 ng/ml



#42 AR-1268-2

R.T.: 7.794 min
Delta R.T.: 0.000 min
Response: 6916833
Conc: 47.13 ng/ml



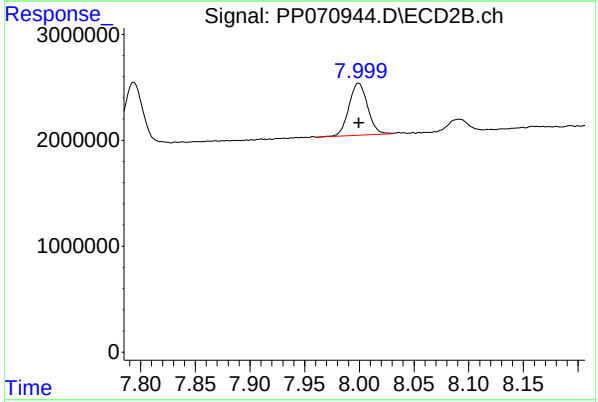
#43 AR-1268-3

R.T.: 9.054 min
Delta R.T.: 0.002 mi
Response: 8398993
Conc: 48.18 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

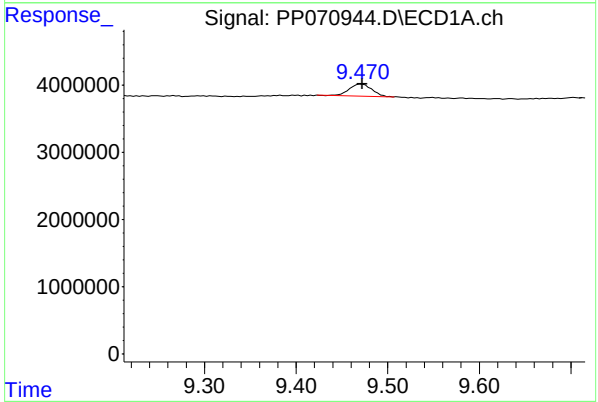
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



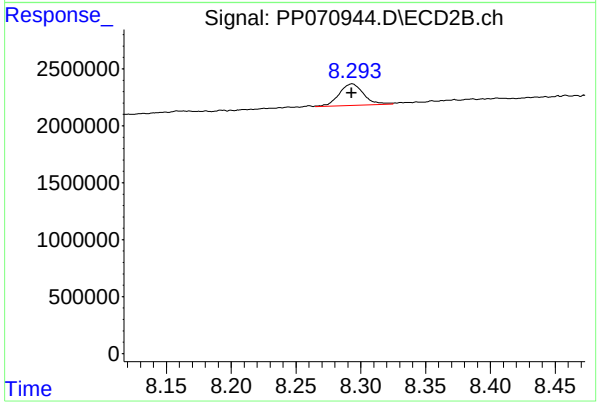
#43 AR-1268-3

R.T.: 7.999 min
Delta R.T.: 0.000 min
Response: 5823381
Conc: 46.08 ng/ml



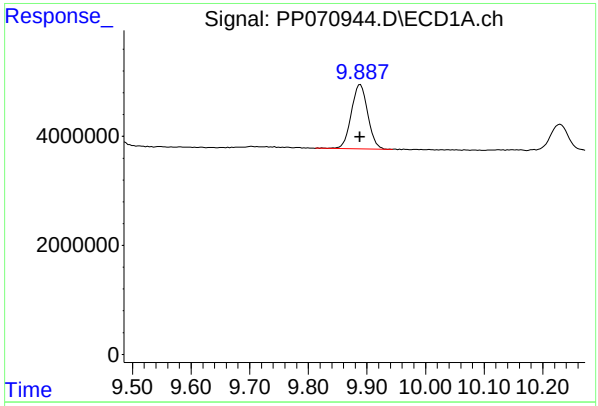
#44 AR-1268-4

R.T.: 9.471 min
Delta R.T.: 0.000 min
Response: 3082639
Conc: 41.71 ng/ml



#44 AR-1268-4

R.T.: 8.293 min
Delta R.T.: 0.000 min
Response: 2471433
Conc: 45.34 ng/ml m



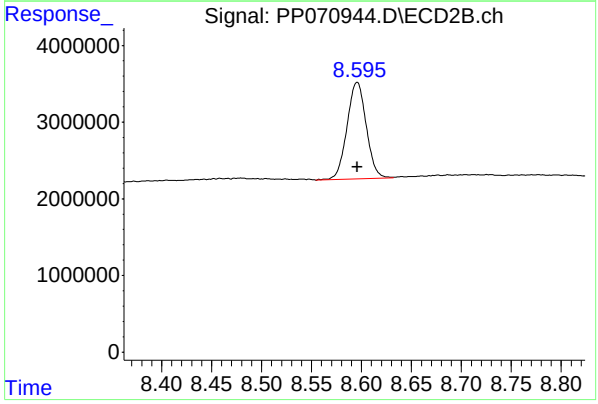
#45 AR-1268-5

R.T.: 9.889 min
Delta R.T.: 0.000 mi
Response: 22937830
Conc: 47.05 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



#45 AR-1268-5

R.T.: 8.596 min
Delta R.T.: 0.000 min
Response: 16928167
Conc: 45.60 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070945.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 18:26
Operator : YP\AJ
Sample : PP032725ICV500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : ECD_P
ClientSampleId : ICVPP032725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 18:44:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 18:19:30 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.513	3.817	83053328	55050464	56.825	53.105
2)	SA Decachlor...	10.229	8.860	60452615	44643396	57.431	56.640
	Target Compounds						
3)	L1 AR-1016-1	5.666	4.904	27342824	21140954	537.702	527.361
4)	L1 AR-1016-2	5.688	4.923	41229999	30414011	528.227	525.602
5)	L1 AR-1016-3	5.750	5.100	25160452	16688586	533.347	539.677
6)	L1 AR-1016-4	5.847	5.141	20613627	13786307	560.828	566.035
7)	L1 AR-1016-5	6.140	5.356	19310102	17090774	569.416	528.779
31)	L7 AR-1260-1	7.259	6.392	37489891	28161151	558.277	549.955
32)	L7 AR-1260-2	7.512	6.580	54825330	35718929	570.287	559.912
33)	L7 AR-1260-3	7.871	6.734	45118892	30750809	564.563	564.371
34)	L7 AR-1260-4	8.095	7.206	41972897	25791995	533.078	539.285
35)	L7 AR-1260-5	8.414	7.447	87345749	64063663	549.738	514.525

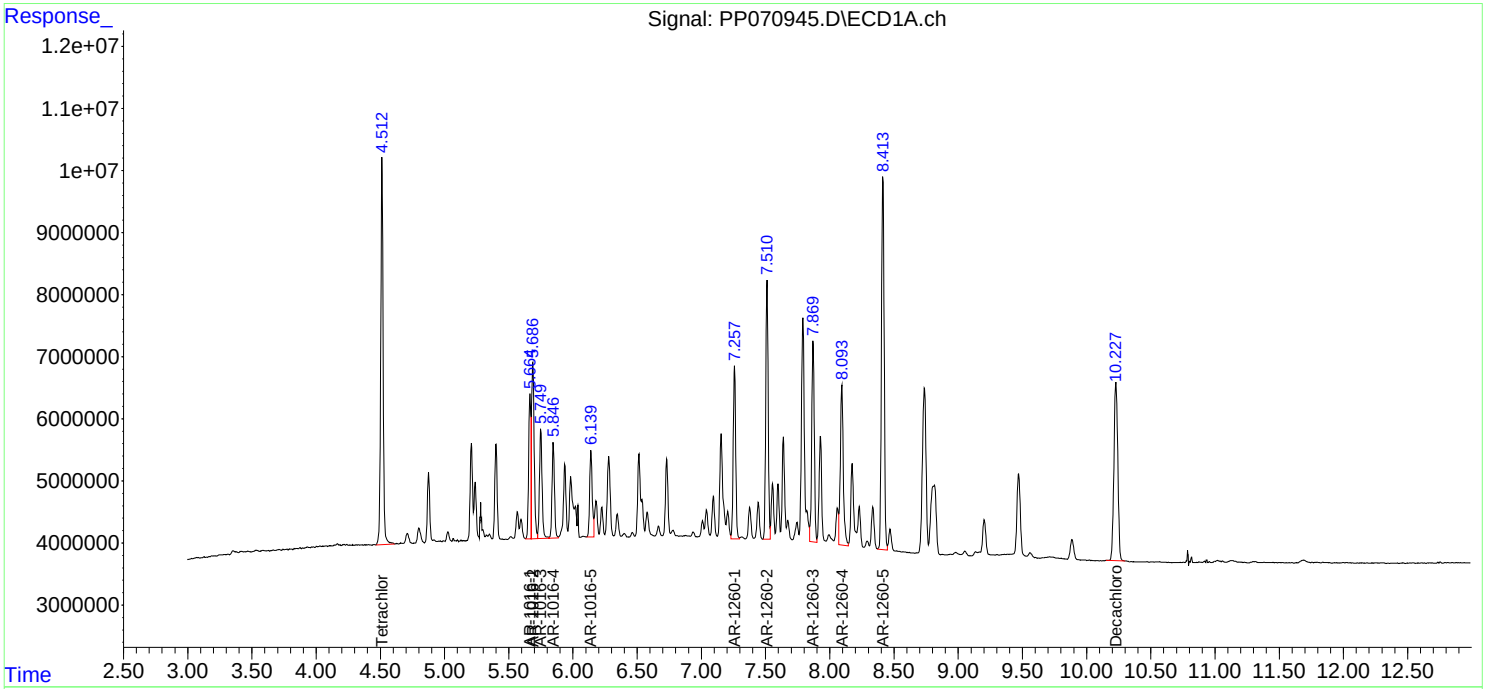
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

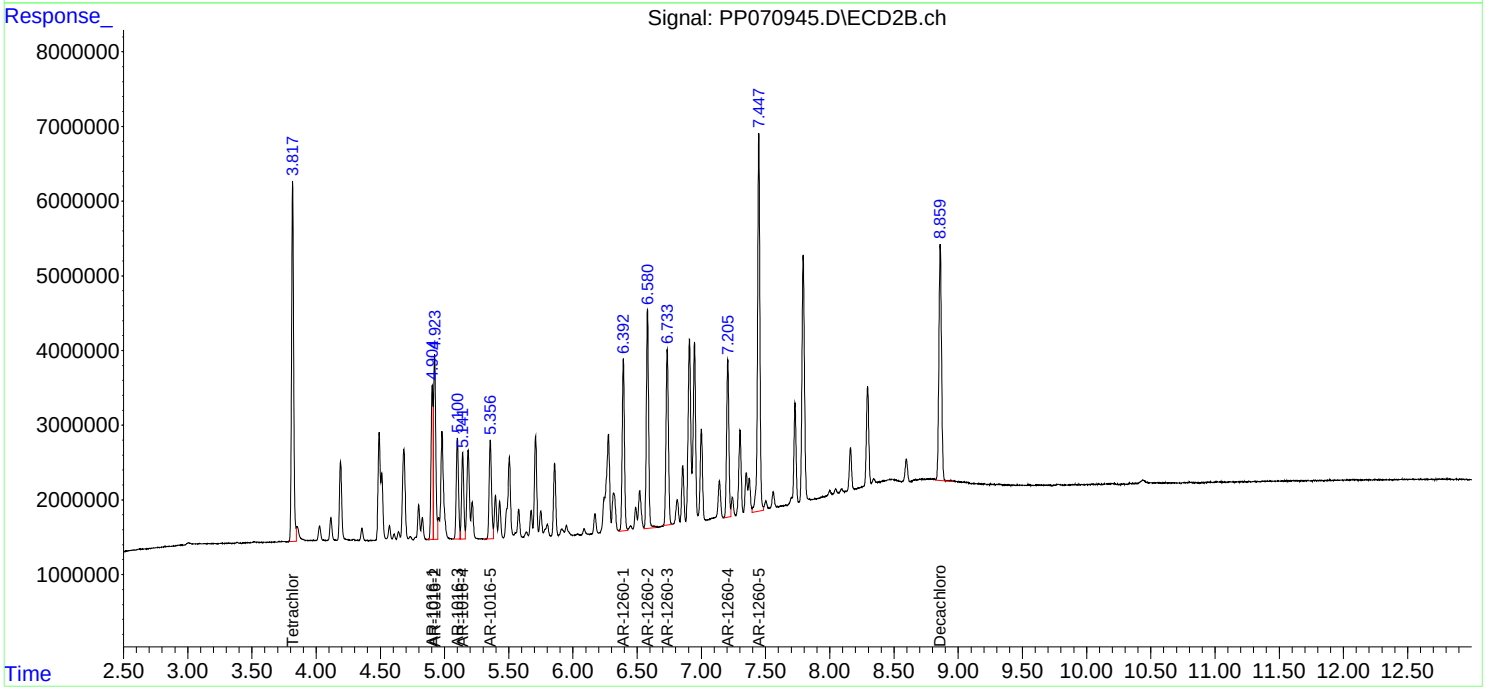
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070945.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 18:26
Operator : YP\AJ
Sample : PP032725ICV500
Misc :
ALS Vial : 3 Sample Multiplier: 1

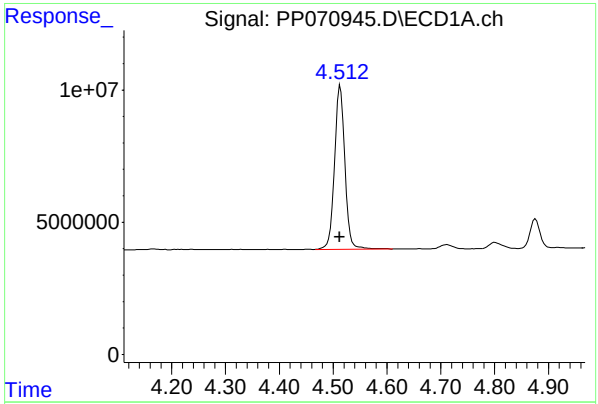
Instrument :
ECD_P
ClientSampleId :
ICVPP032725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 18:44:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 18:19:30 2025
Response via : Initial Calibration
Integrator: ChemStation

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



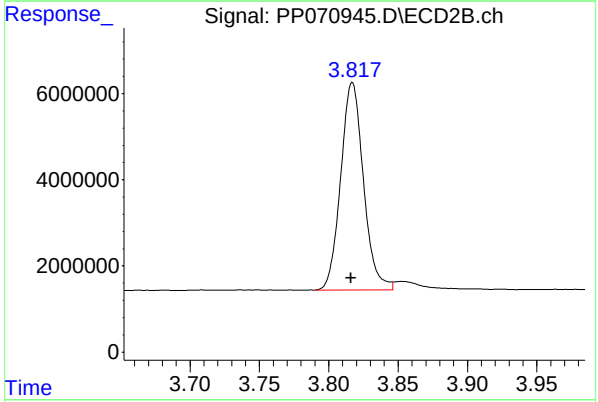




#1 Tetrachloro-m-xylene

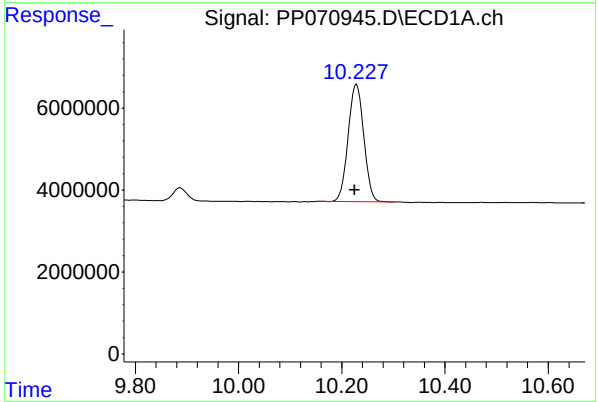
R.T.: 4.513 min
Delta R.T.: 0.001 min
Response: 83053328
Conc: 56.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP032725



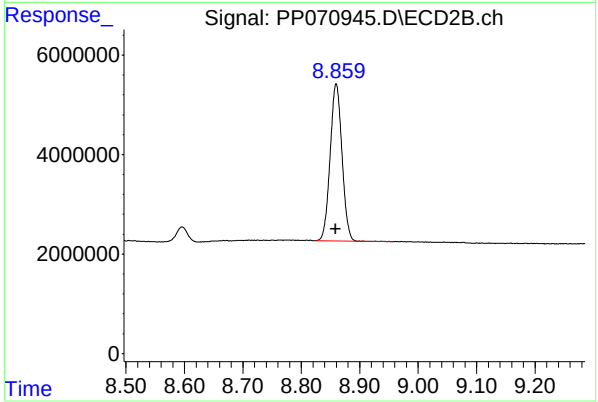
#1 Tetrachloro-m-xylene

R.T.: 3.817 min
Delta R.T.: 0.000 min
Response: 55050464
Conc: 53.10 ng/ml



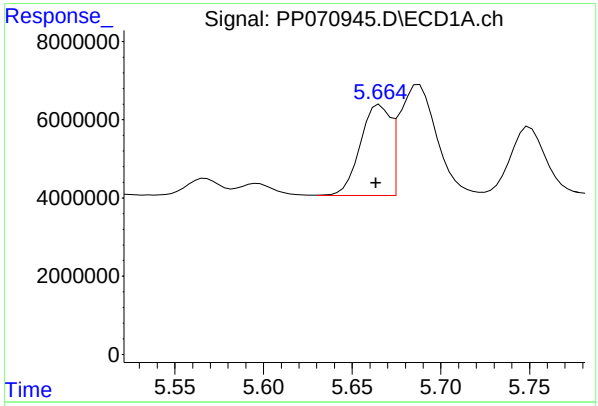
#2 Decachlorobiphenyl

R.T.: 10.229 min
Delta R.T.: 0.003 min
Response: 60452615
Conc: 57.43 ng/ml



#2 Decachlorobiphenyl

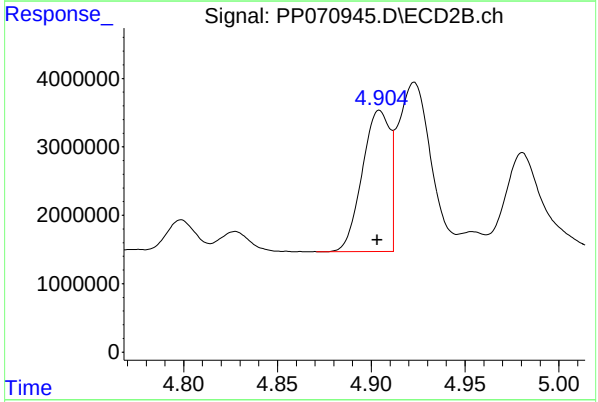
R.T.: 8.860 min
Delta R.T.: 0.000 min
Response: 44643396
Conc: 56.64 ng/ml



#3 AR-1016-1

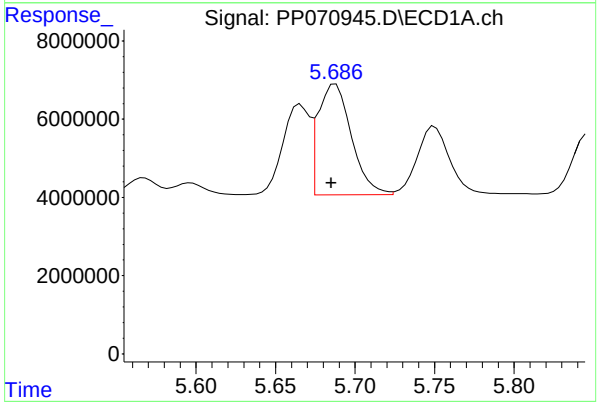
R.T.: 5.666 min
Delta R.T.: 0.002 min
Response: 27342824
Conc: 537.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP032725



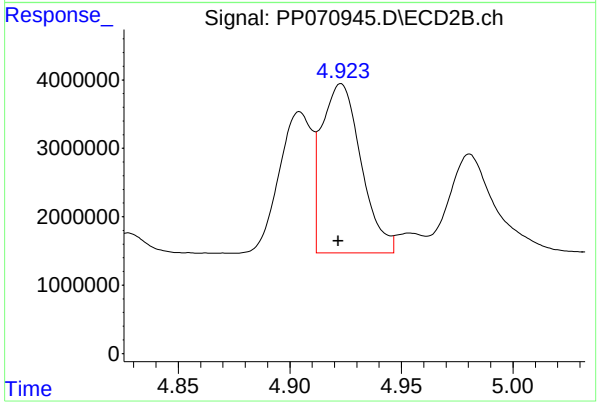
#3 AR-1016-1

R.T.: 4.904 min
Delta R.T.: 0.001 min
Response: 21140954
Conc: 527.36 ng/ml



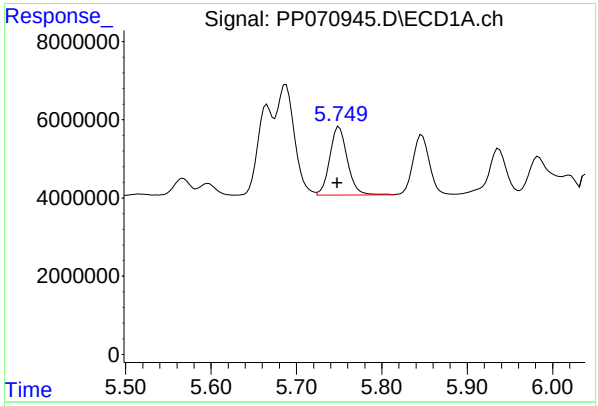
#4 AR-1016-2

R.T.: 5.688 min
Delta R.T.: 0.003 min
Response: 41229999
Conc: 528.23 ng/ml



#4 AR-1016-2

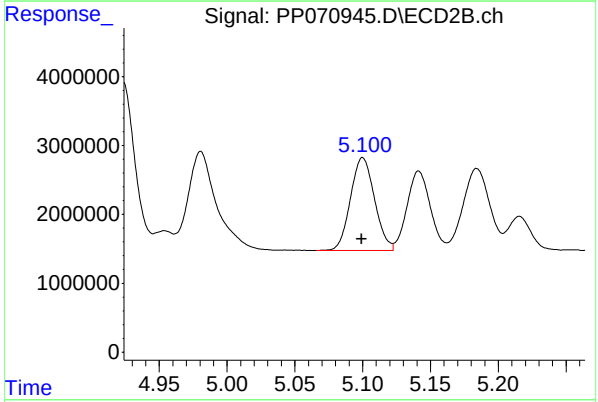
R.T.: 4.923 min
Delta R.T.: 0.001 min
Response: 30414011
Conc: 525.60 ng/ml



#5 AR-1016-3

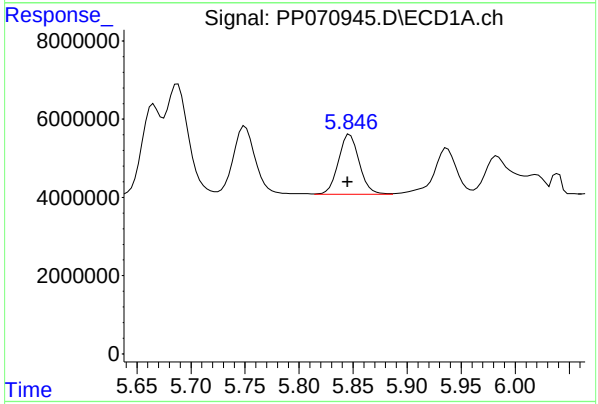
R.T.: 5.750 min
Delta R.T.: 0.003 min
Response: 25160452
Conc: 533.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP032725



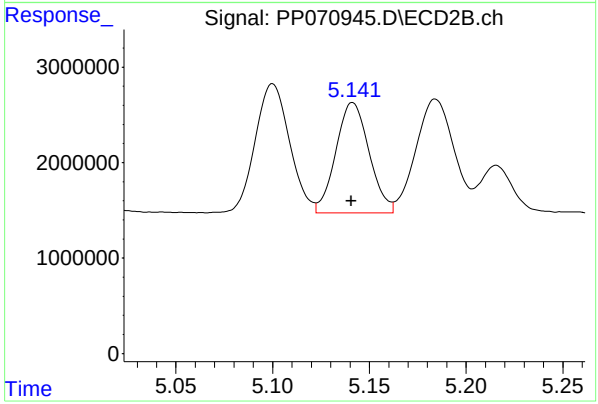
#5 AR-1016-3

R.T.: 5.100 min
Delta R.T.: 0.000 min
Response: 16688586
Conc: 539.68 ng/ml



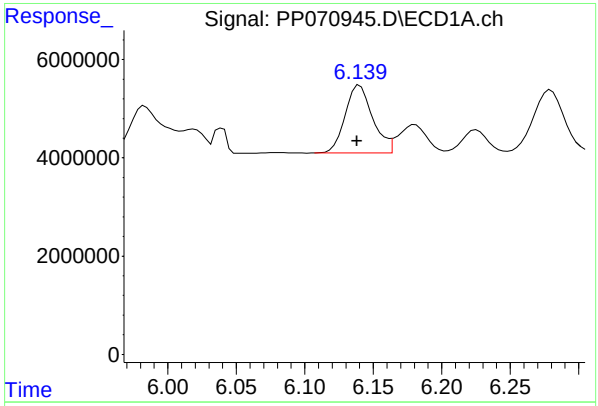
#6 AR-1016-4

R.T.: 5.847 min
Delta R.T.: 0.002 min
Response: 20613627
Conc: 560.83 ng/ml



#6 AR-1016-4

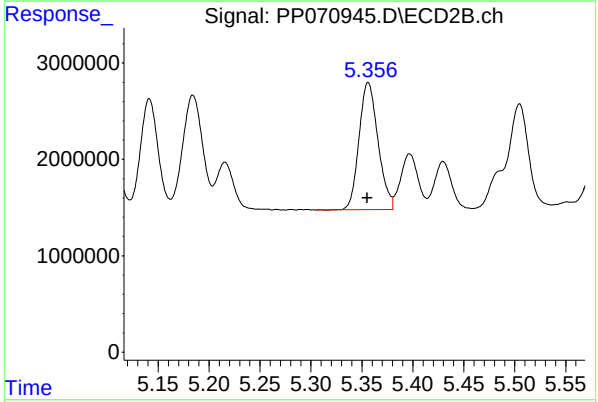
R.T.: 5.141 min
Delta R.T.: 0.000 min
Response: 13786307
Conc: 566.04 ng/ml



#7 AR-1016-5

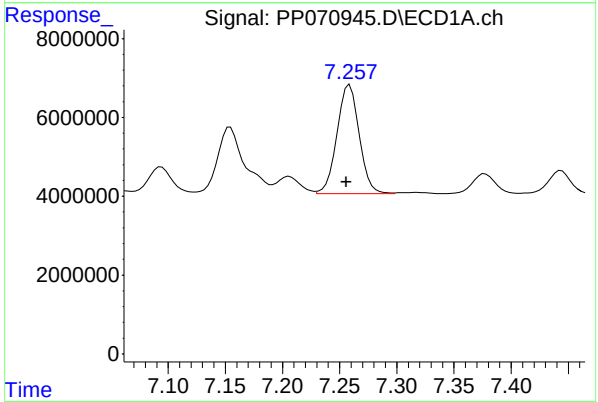
R.T.: 6.140 min
Delta R.T.: 0.002 min
Response: 19310102
Conc: 569.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP032725



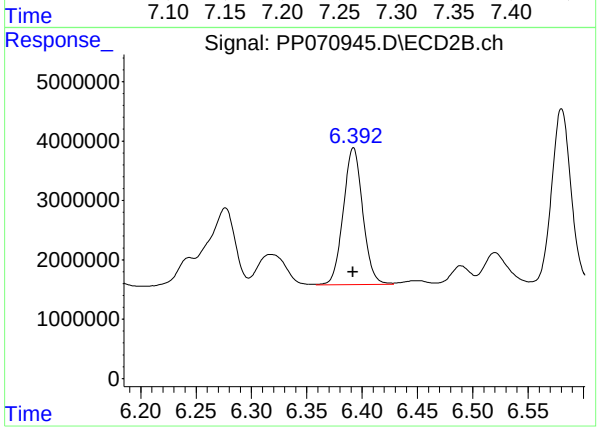
#7 AR-1016-5

R.T.: 5.356 min
Delta R.T.: 0.000 min
Response: 17090774
Conc: 528.78 ng/ml



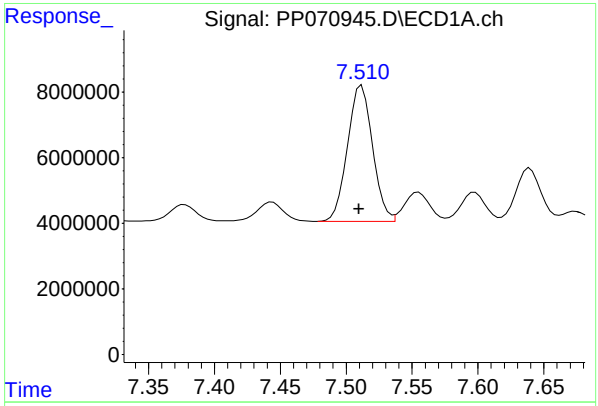
#31 AR-1260-1

R.T.: 7.259 min
Delta R.T.: 0.003 min
Response: 37489891
Conc: 558.28 ng/ml



#31 AR-1260-1

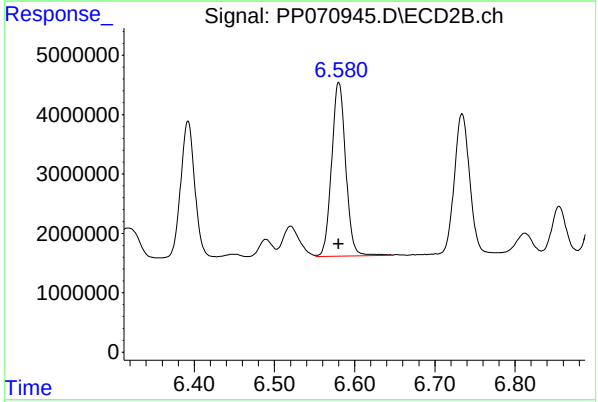
R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 28161151
Conc: 549.95 ng/ml



#32 AR-1260-2

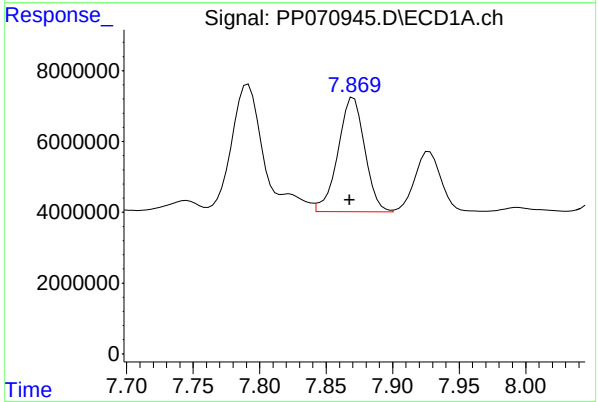
R.T.: 7.512 min
Delta R.T.: 0.002 min
Response: 54825330
Conc: 570.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP032725



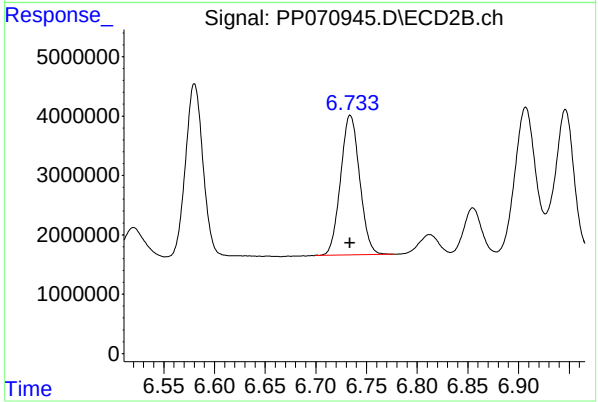
#32 AR-1260-2

R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 35718929
Conc: 559.91 ng/ml



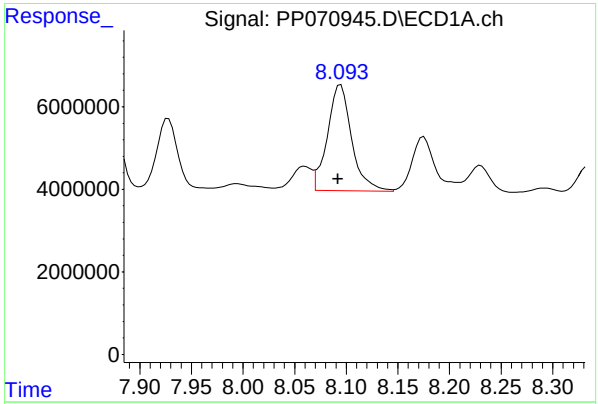
#33 AR-1260-3

R.T.: 7.871 min
Delta R.T.: 0.003 min
Response: 45118892
Conc: 564.56 ng/ml



#33 AR-1260-3

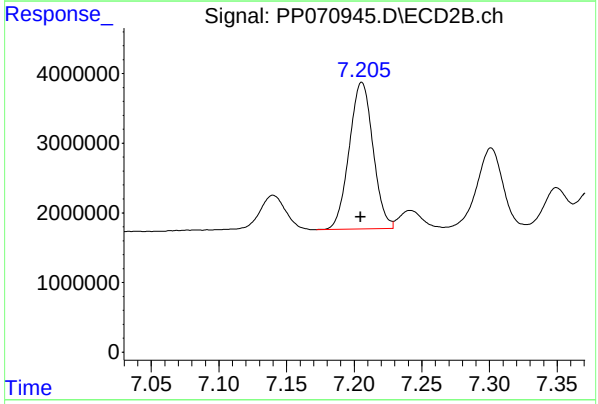
R.T.: 6.734 min
Delta R.T.: 0.000 min
Response: 30750809
Conc: 564.37 ng/ml



#34 AR-1260-4

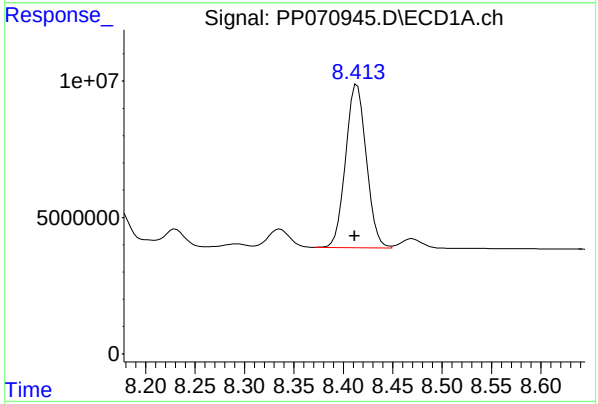
R.T.: 8.095 min
Delta R.T.: 0.003 min
Response: 41972897
Conc: 533.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP032725



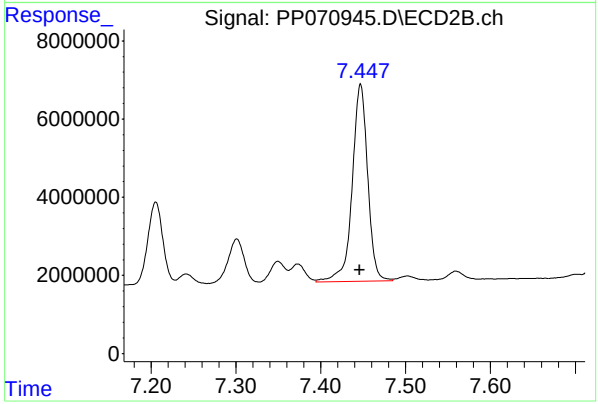
#34 AR-1260-4

R.T.: 7.206 min
Delta R.T.: 0.000 min
Response: 25791995
Conc: 539.28 ng/ml



#35 AR-1260-5

R.T.: 8.414 min
Delta R.T.: 0.003 min
Response: 87345749
Conc: 549.74 ng/ml



#35 AR-1260-5

R.T.: 7.447 min
Delta R.T.: 0.000 min
Response: 64063663
Conc: 514.53 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070946.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 18:42
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP032725AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 19:00:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 18:58:04 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.515	3.816	78786041	55016883	53.357	51.300
2)	SA Decachlor...	10.230	8.859	57489647	39612860	53.073	51.065
	Target Compounds						
16)	L4 AR-1242-1	5.667	4.904	21998453	17657296	500.225	516.358
17)	L4 AR-1242-2	5.689	4.922	33746674	24829266	524.698	504.069
18)	L4 AR-1242-3	5.752	5.099	20359598	13889595	496.098	521.298
19)	L4 AR-1242-4	5.849	5.183	16580558	13666228	543.209	518.087
20)	L4 AR-1242-5	6.580	5.708	19203834	15992906	525.982	516.595

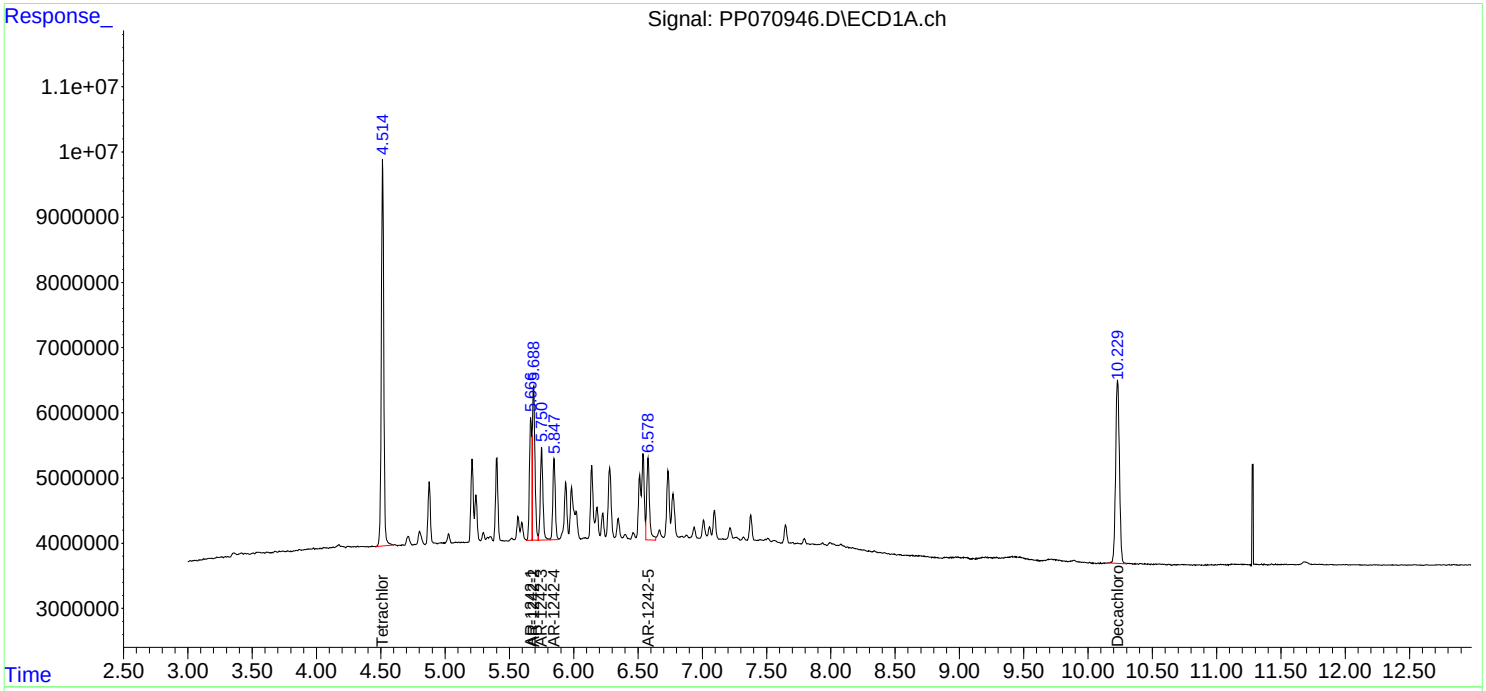
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

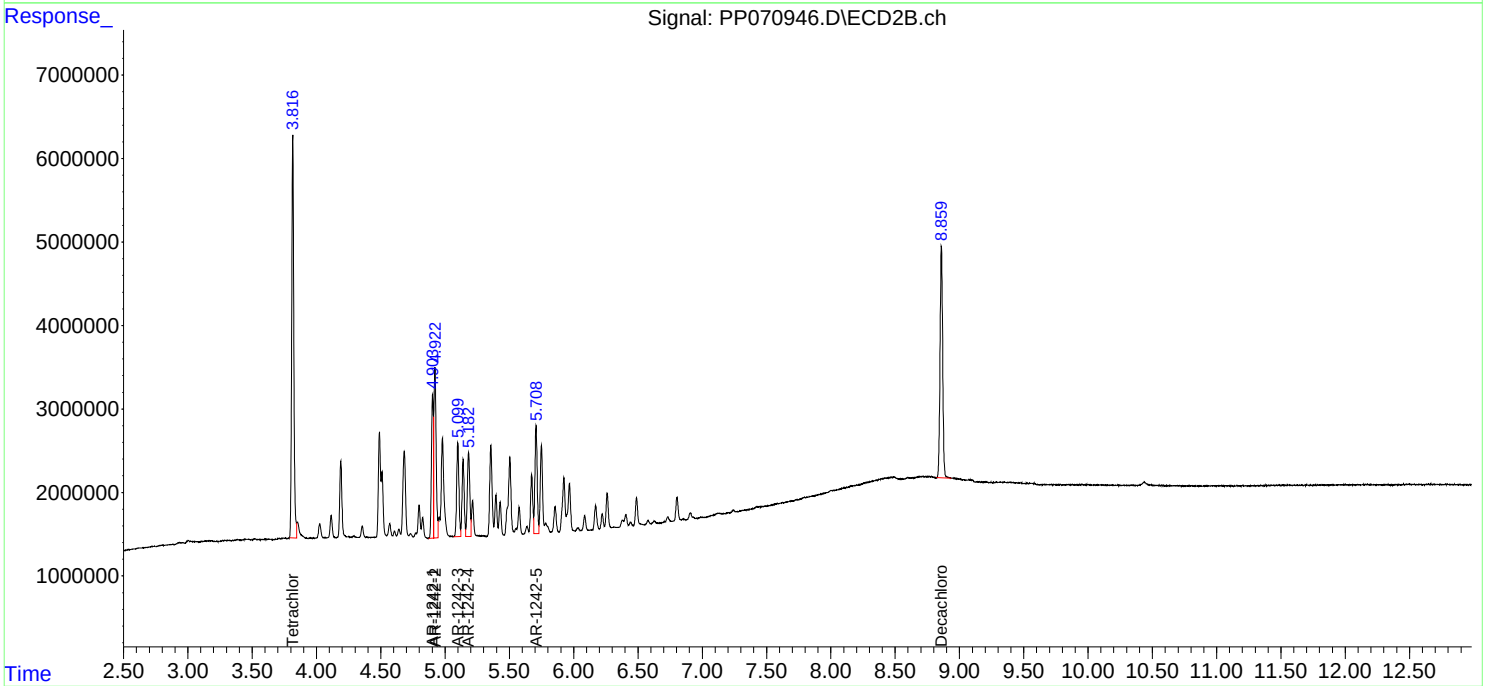
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070946.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 18:42
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

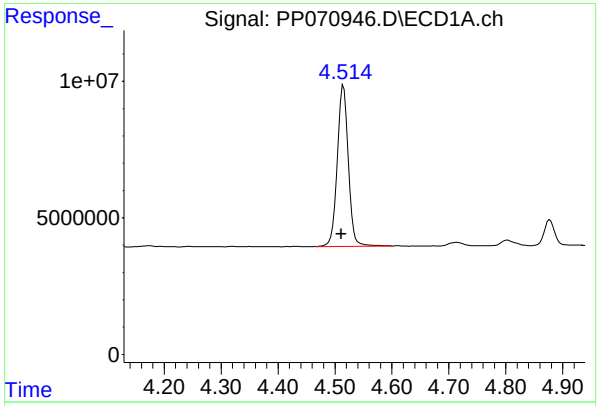
Instrument :
ECD_P
ClientSampleId :
ICVPP032725AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 19:00:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 18:58:04 2025
Response via : Initial Calibration
Integrator: ChemStation

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



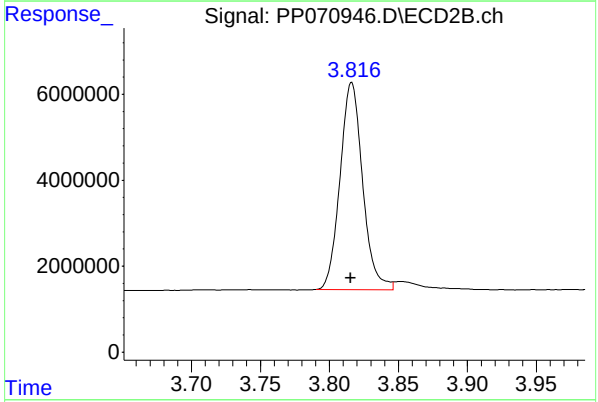




#1 Tetrachloro-m-xylene

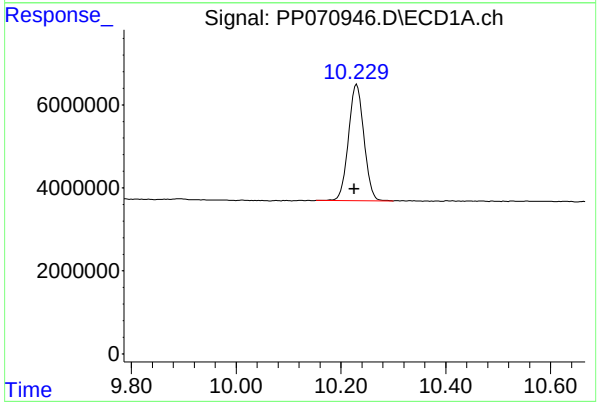
R.T.: 4.515 min
Delta R.T.: 0.004 min
Response: 78786041
Conc: 53.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP032725AR1242



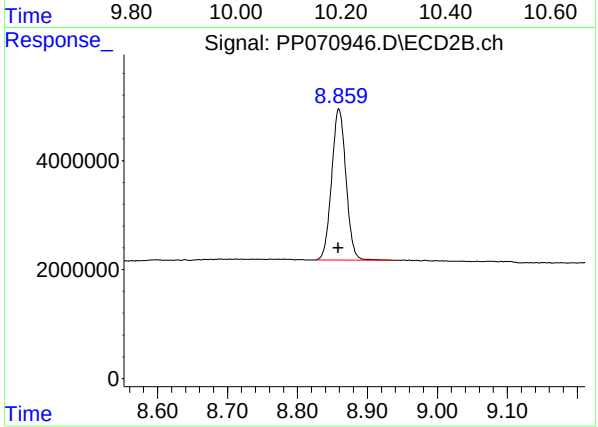
#1 Tetrachloro-m-xylene

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 55016883
Conc: 51.30 ng/ml



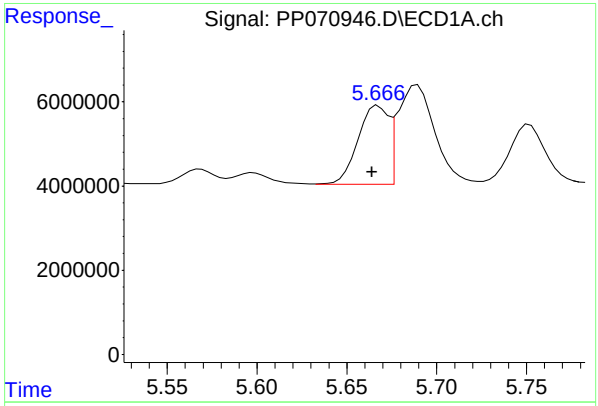
#2 Decachlorobiphenyl

R.T.: 10.230 min
Delta R.T.: 0.005 min
Response: 57489647
Conc: 53.07 ng/ml



#2 Decachlorobiphenyl

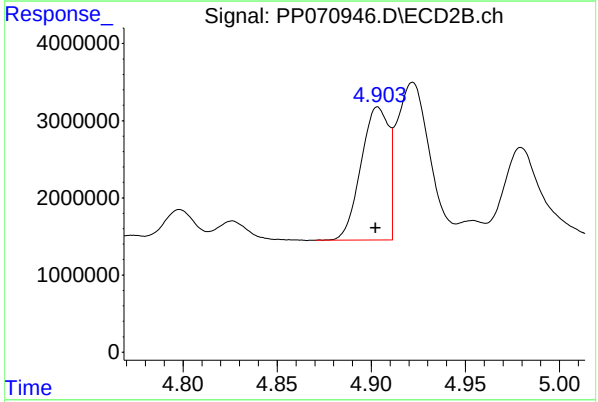
R.T.: 8.859 min
Delta R.T.: 0.001 min
Response: 39612860
Conc: 51.07 ng/ml



#16 AR-1242-1

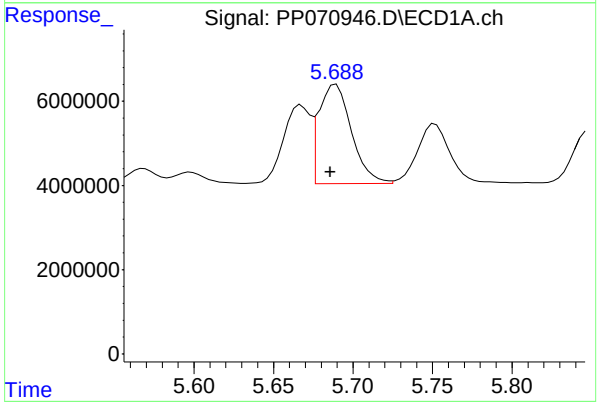
R.T.: 5.667 min
Delta R.T.: 0.003 min
Response: 21998453
Conc: 500.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP032725AR1242



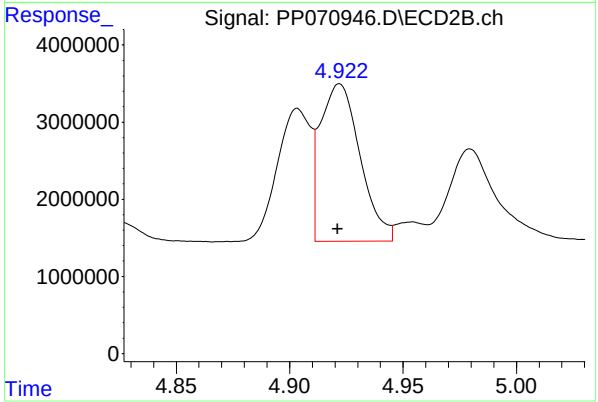
#16 AR-1242-1

R.T.: 4.904 min
Delta R.T.: 0.001 min
Response: 17657296
Conc: 516.36 ng/ml



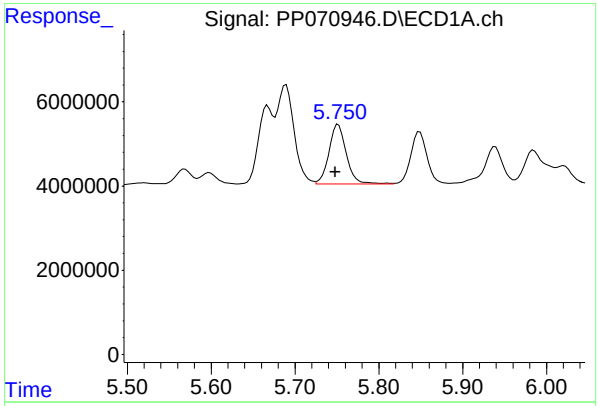
#17 AR-1242-2

R.T.: 5.689 min
Delta R.T.: 0.004 min
Response: 33746674
Conc: 524.70 ng/ml



#17 AR-1242-2

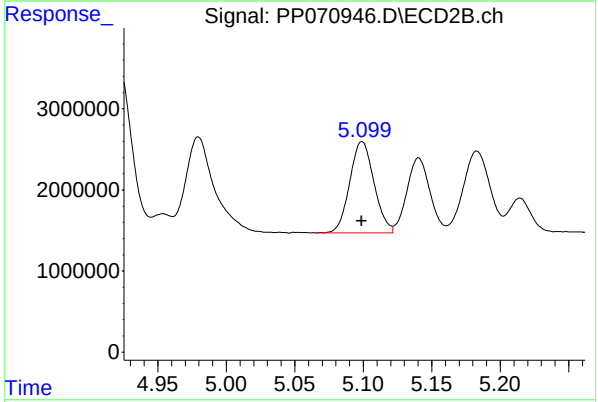
R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 24829266
Conc: 504.07 ng/ml



#18 AR-1242-3

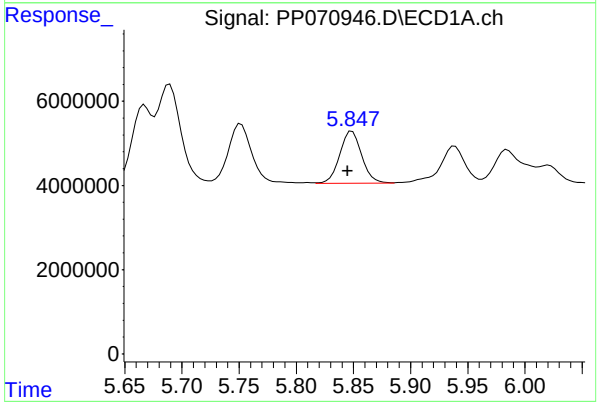
R.T.: 5.752 min
Delta R.T.: 0.004 min
Response: 20359598
Conc: 496.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP032725AR1242



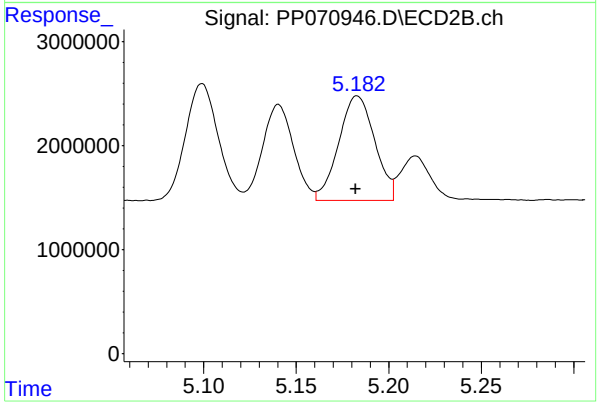
#18 AR-1242-3

R.T.: 5.099 min
Delta R.T.: 0.000 min
Response: 13889595
Conc: 521.30 ng/ml



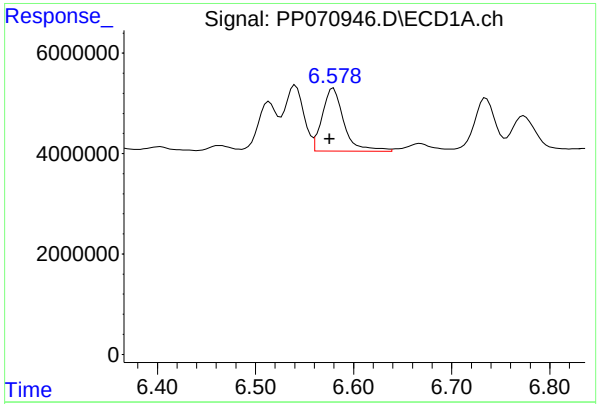
#19 AR-1242-4

R.T.: 5.849 min
Delta R.T.: 0.004 min
Response: 16580558
Conc: 543.21 ng/ml



#19 AR-1242-4

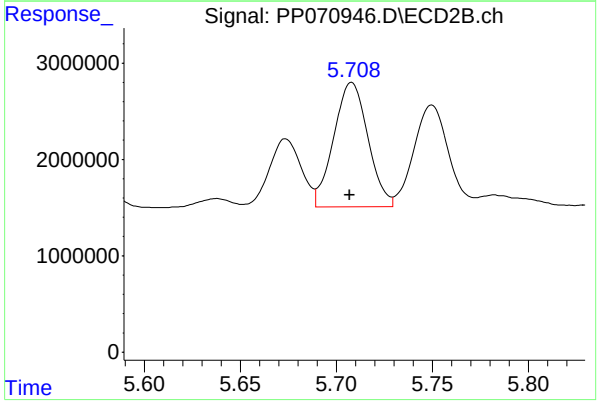
R.T.: 5.183 min
Delta R.T.: 0.000 min
Response: 13666228
Conc: 518.09 ng/ml



#20 AR-1242-5

R.T.: 6.580 min
Delta R.T.: 0.004 min
Response: 19203834
Conc: 525.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP032725AR1242



#20 AR-1242-5

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 15992906
Conc: 516.60 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070947.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 19:15
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP032725AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 19:34:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 19:07:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.514	3.817	80868018	57291573	53.345	52.976
2)	SA Decachlor...	10.229	8.860	60625729	42784323	53.381	54.139
	Target Compounds						
21)	L5 AR-1248-1	5.666	4.904	17556753	15279017	483.824	564.218
22)	L5 AR-1248-2	5.937	5.141	24046455	20552003	535.096	559.658
23)	L5 AR-1248-3	6.140	5.183	26863901	21355068	530.514	552.390
24)	L5 AR-1248-4	6.539	5.356	33592146	24182903	523.670	535.719
25)	L5 AR-1248-5	6.578	5.750	32500443	22380961	534.140	524.405

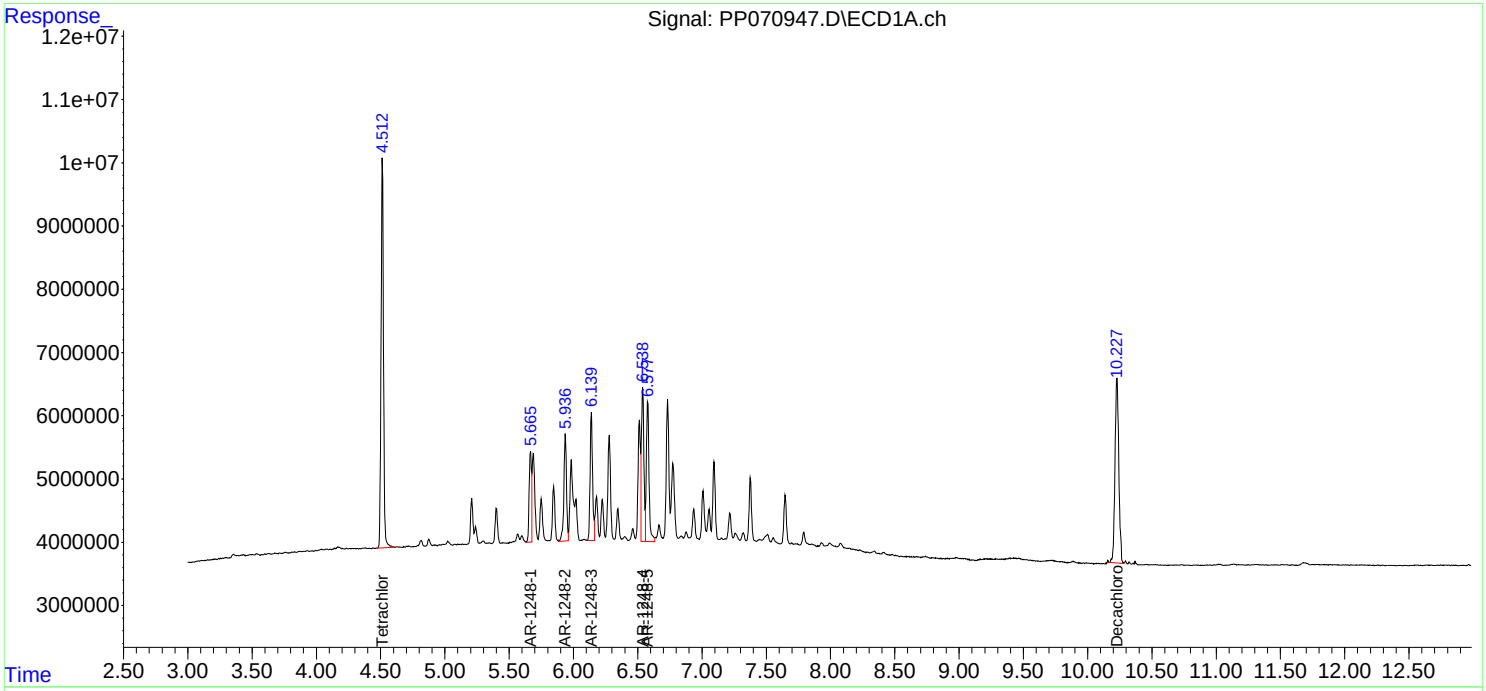
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

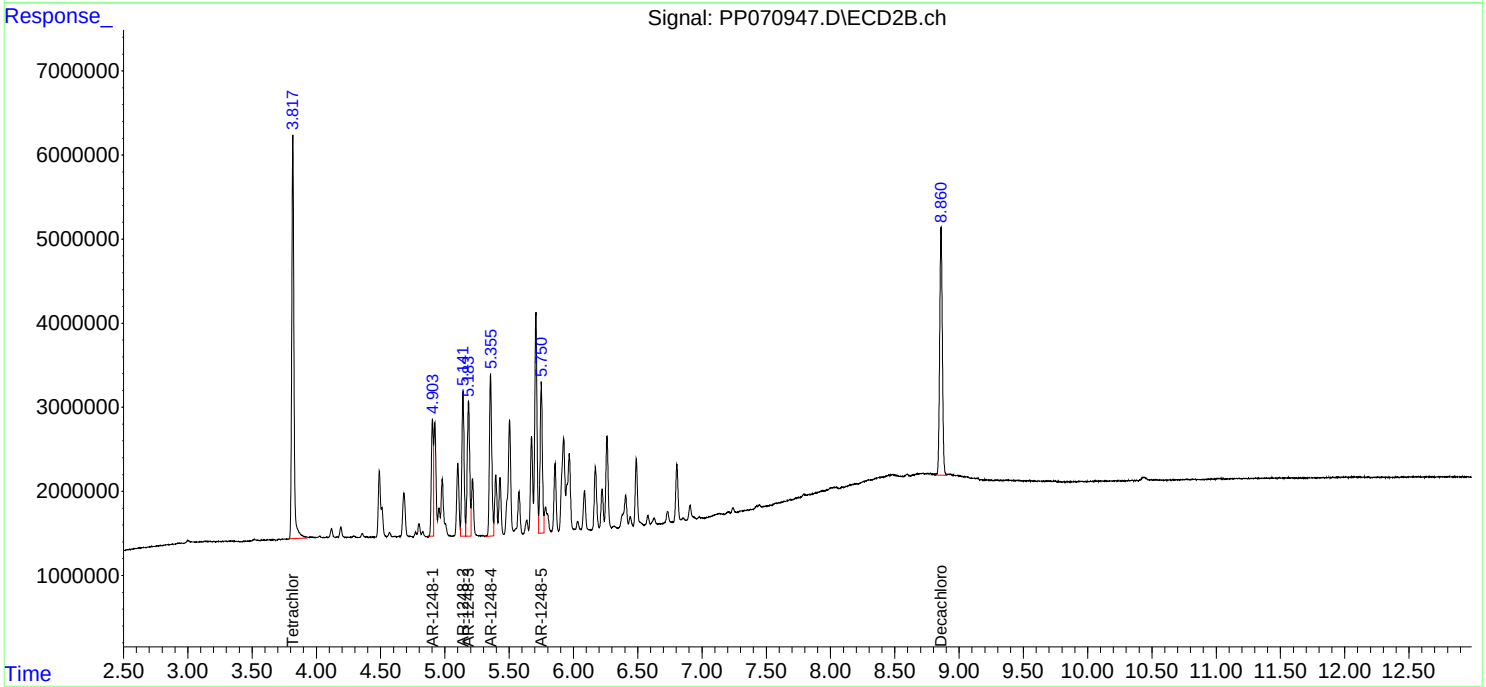
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070947.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 19:15
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

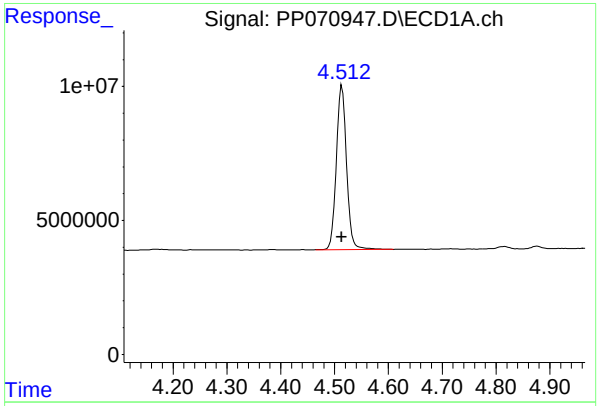
Instrument :
ECD_P
ClientSampleId :
ICVPP032725AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 19:34:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 19:07:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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



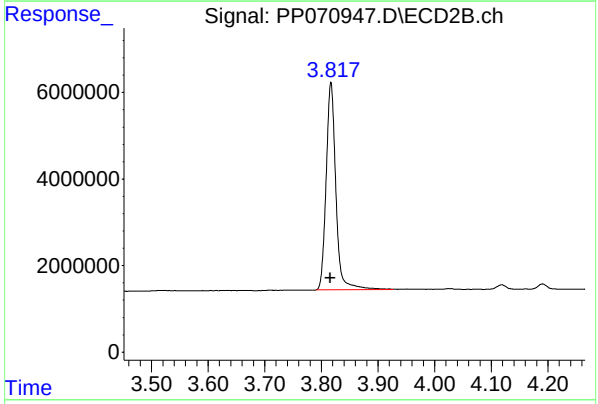




#1 Tetrachloro-m-xylene

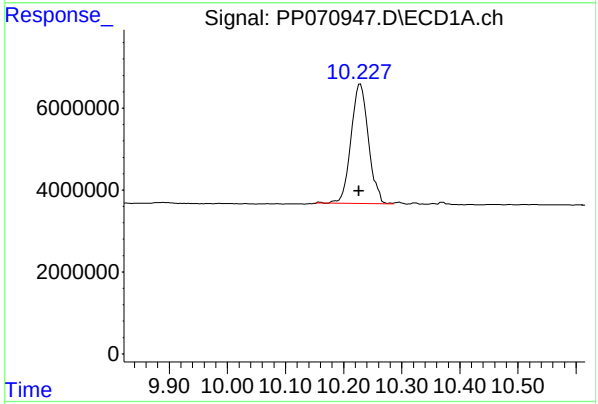
R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 80868018
Conc: 53.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP032725AR1248



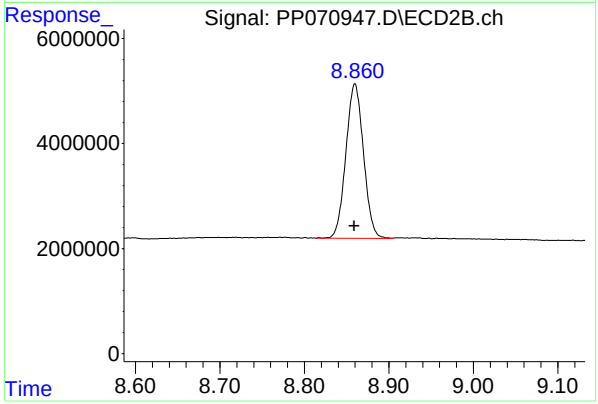
#1 Tetrachloro-m-xylene

R.T.: 3.817 min
Delta R.T.: 0.001 min
Response: 57291573
Conc: 52.98 ng/ml



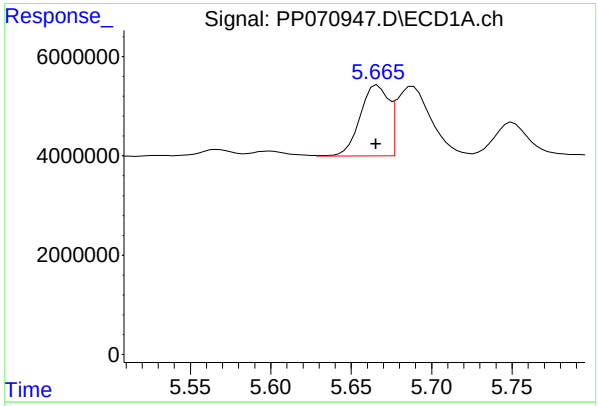
#2 Decachlorobiphenyl

R.T.: 10.229 min
Delta R.T.: 0.002 min
Response: 60625729
Conc: 53.38 ng/ml



#2 Decachlorobiphenyl

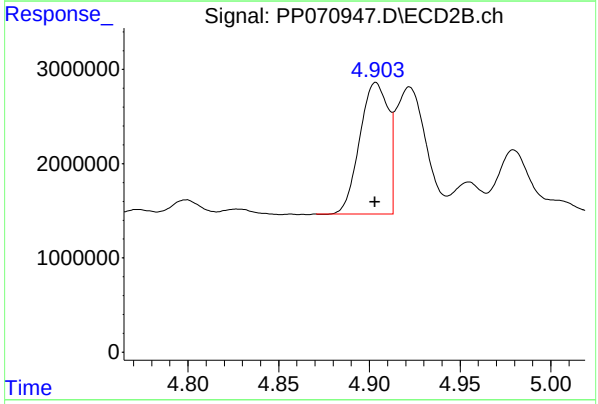
R.T.: 8.860 min
Delta R.T.: 0.001 min
Response: 42784323
Conc: 54.14 ng/ml



#21 AR-1248-1

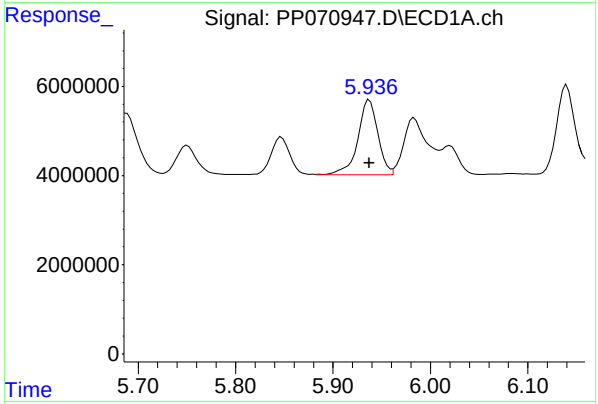
R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 17556753
Conc: 483.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP032725AR1248



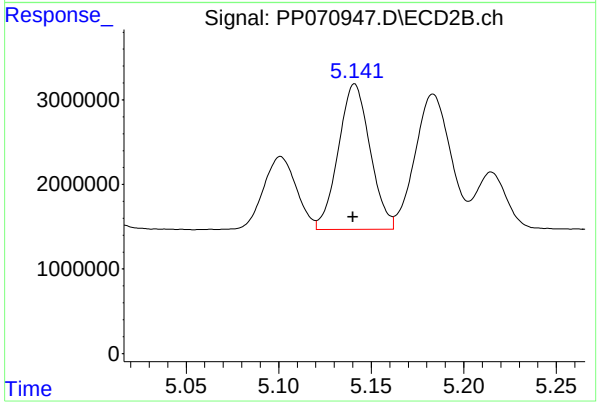
#21 AR-1248-1

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 15279017
Conc: 564.22 ng/ml



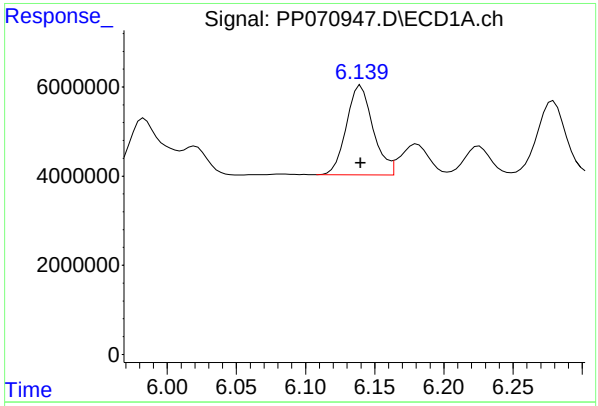
#22 AR-1248-2

R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 24046455
Conc: 535.10 ng/ml



#22 AR-1248-2

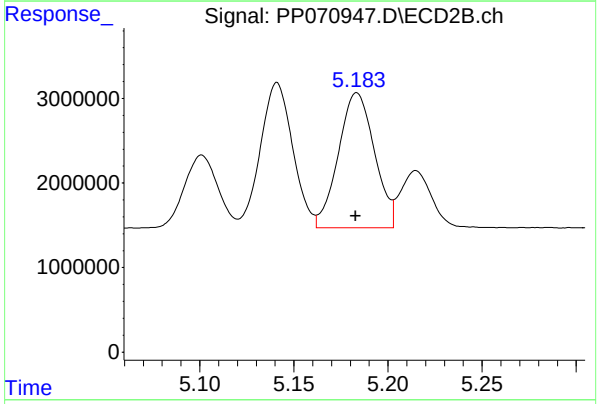
R.T.: 5.141 min
Delta R.T.: 0.001 min
Response: 20552003
Conc: 559.66 ng/ml



#23 AR-1248-3

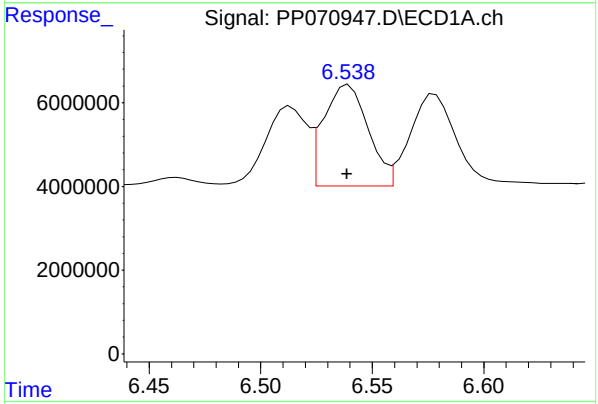
R.T.: 6.140 min
Delta R.T.: 0.000 min
Response: 26863901
Conc: 530.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP032725AR1248



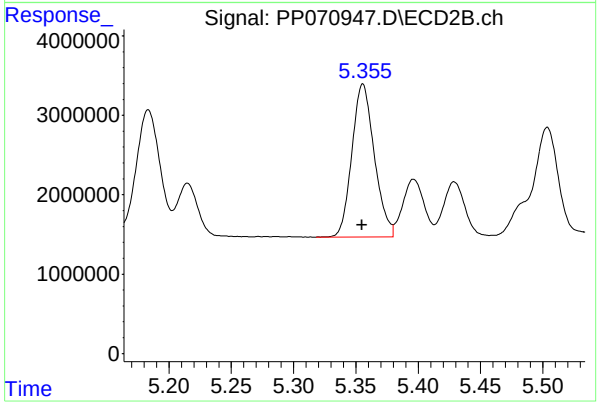
#23 AR-1248-3

R.T.: 5.183 min
Delta R.T.: 0.000 min
Response: 21355068
Conc: 552.39 ng/ml



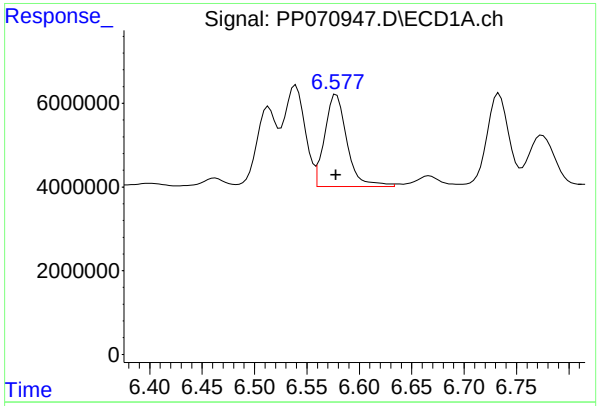
#24 AR-1248-4

R.T.: 6.539 min
Delta R.T.: 0.000 min
Response: 33592146
Conc: 523.67 ng/ml



#24 AR-1248-4

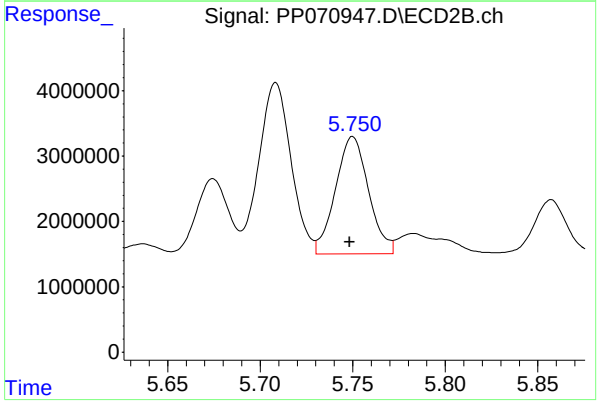
R.T.: 5.356 min
Delta R.T.: 0.000 min
Response: 24182903
Conc: 535.72 ng/ml



#25 AR-1248-5

R.T.: 6.578 min
Delta R.T.: 0.000 mi
Response: 32500443
Conc: 534.14 ng/m

Instrument :
ECD_P
ClientSampleId :
ICVPP032725AR1248



#25 AR-1248-5

R.T.: 5.750 min
Delta R.T.: 0.002 min
Response: 22380961
Conc: 524.41 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070948.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 19:47
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP032725AR1254

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 28 01:39:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 01:37:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.513	3.816	80813408	55809150	53.470	50.687
2)	SA Decachlor...	10.228	8.859	60442284	44113864	53.599	53.797
	Target Compounds						
26)	L6 AR-1254-1	6.514	5.708	34026950	33372474	528.449	505.507
27)	L6 AR-1254-2	6.730	5.856	52171420	28060451	516.086	491.442
28)	L6 AR-1254-3	7.093	6.260	52059367	42608413	522.014	490.647
29)	L6 AR-1254-4	7.375	6.489	45346150	27407702	523.647	488.547
30)	L6 AR-1254-5	7.790	6.907	41706053	36336253	519.049m	503.617

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

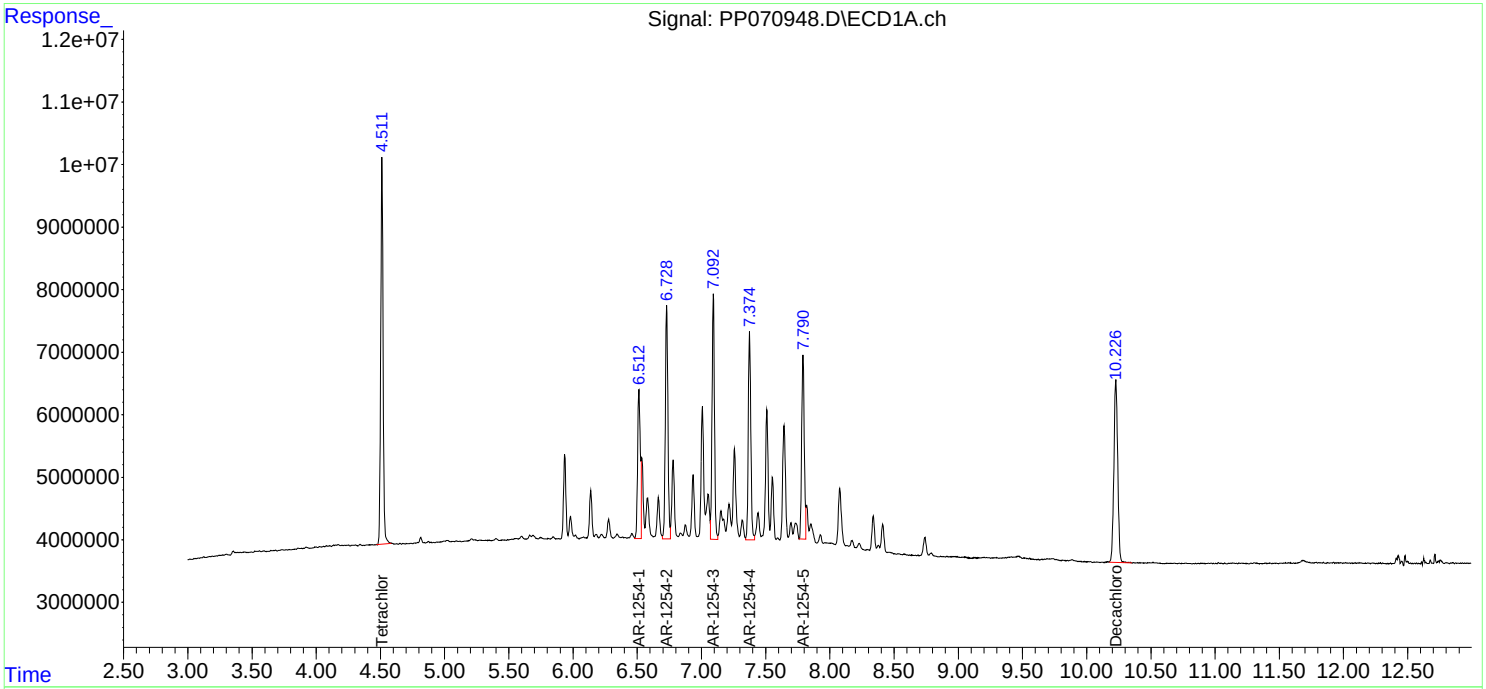
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070948.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 19:47
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

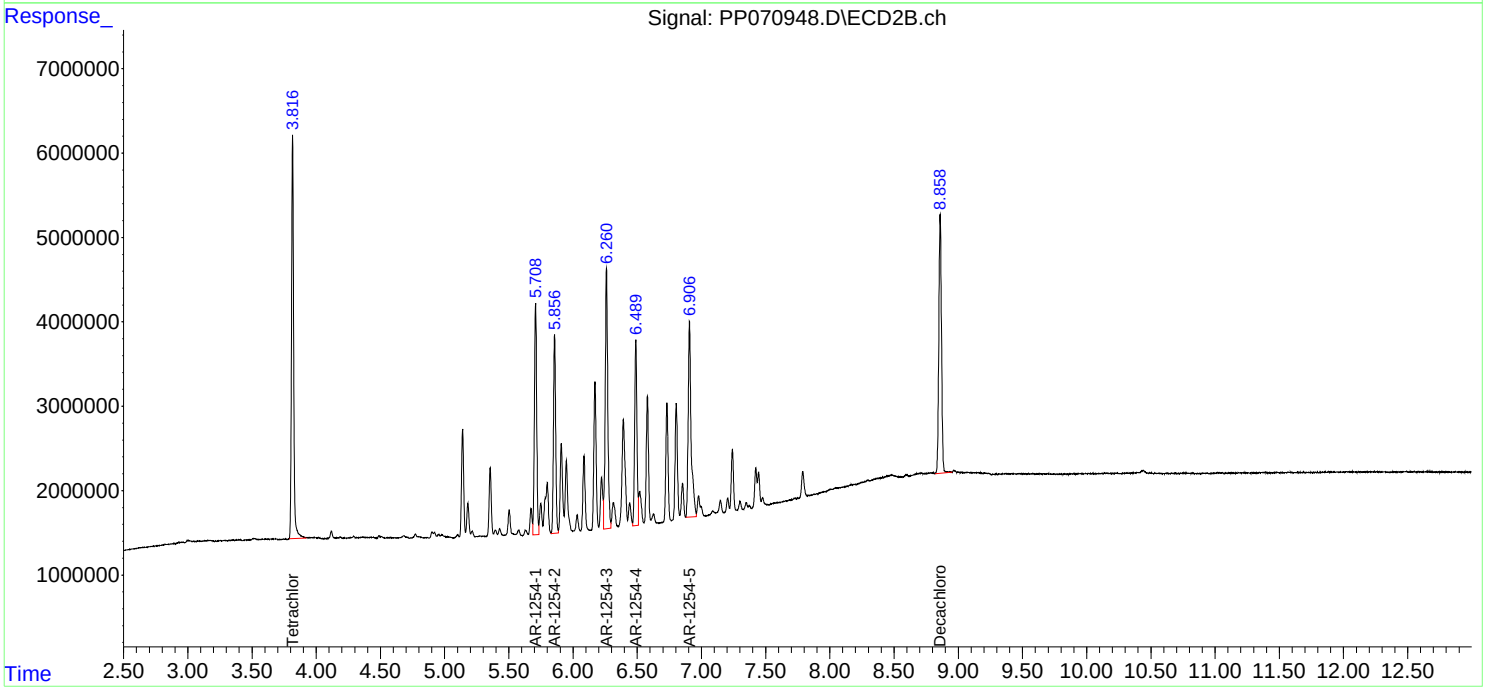
Instrument :
ECD_P
ClientSampleId :
ICVPP032725AR1254

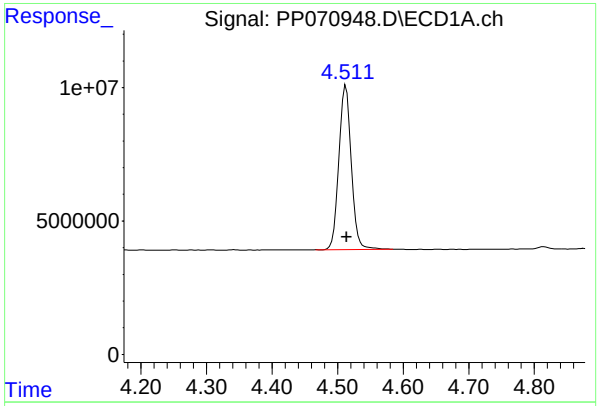
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 28 01:39:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 01:37:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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







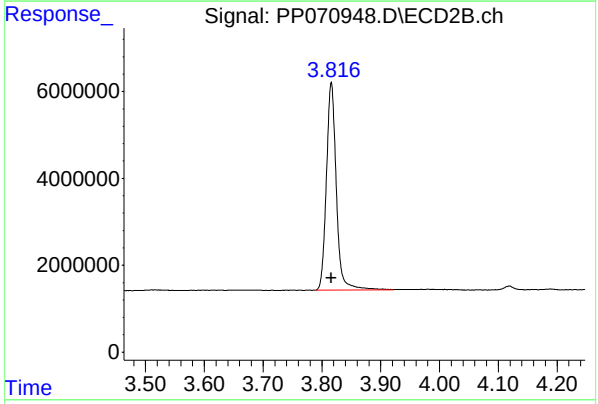
#1 Tetrachloro-m-xylene

R.T.: 4.513 min
Delta R.T.: -0.001 min
Response: 80813408
Conc: 53.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP032725AR1254

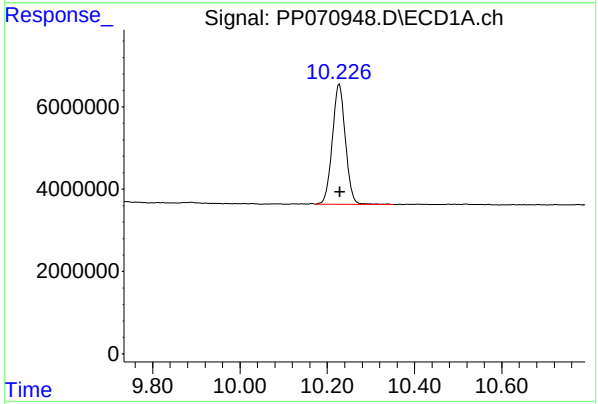
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



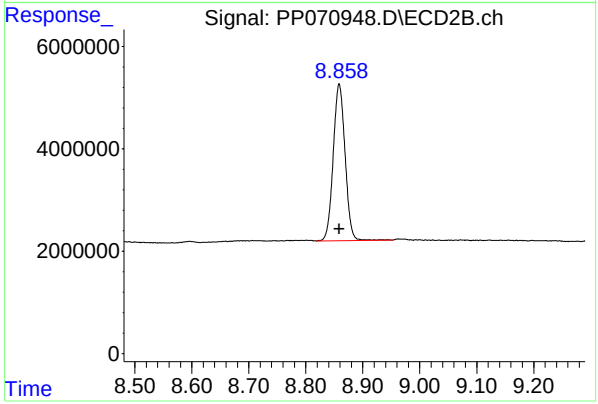
#1 Tetrachloro-m-xylene

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 55809150
Conc: 50.69 ng/ml



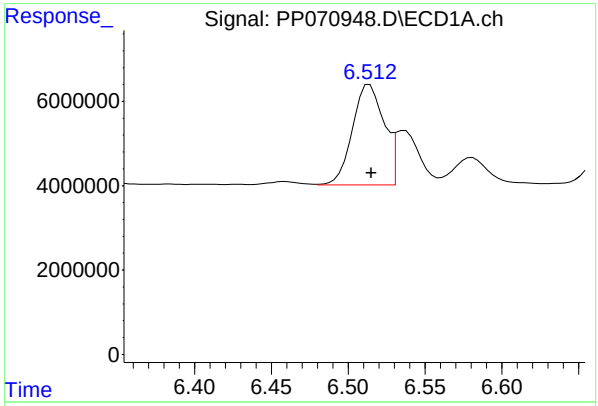
#2 Decachlorobiphenyl

R.T.: 10.228 min
Delta R.T.: -0.002 min
Response: 60442284
Conc: 53.60 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.859 min
Delta R.T.: 0.000 min
Response: 44113864
Conc: 53.80 ng/ml



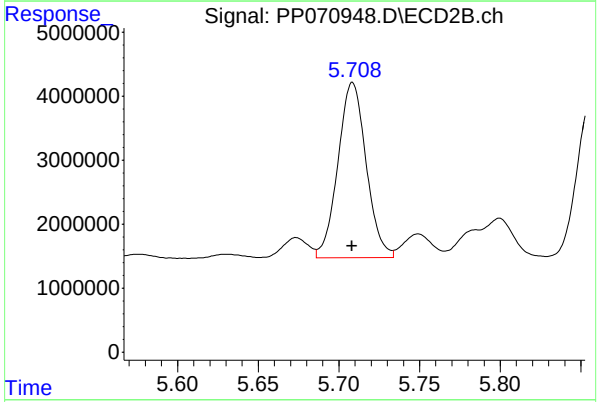
#26 AR-1254-1

R.T.: 6.514 min
Delta R.T.: -0.001 min
Response: 34026950
Conc: 528.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP032725AR1254

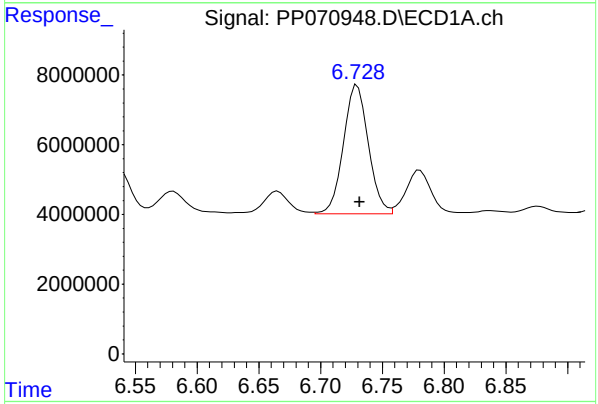
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



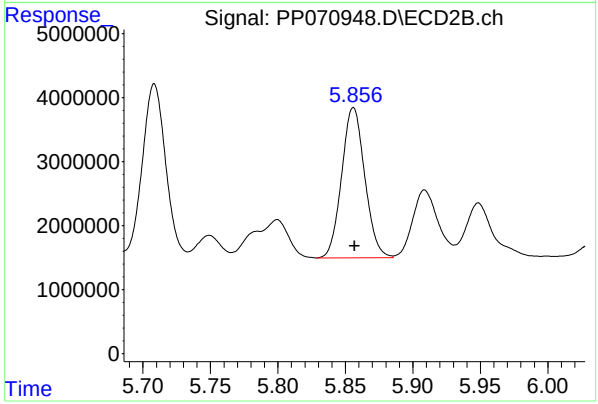
#26 AR-1254-1

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 33372474
Conc: 505.51 ng/ml



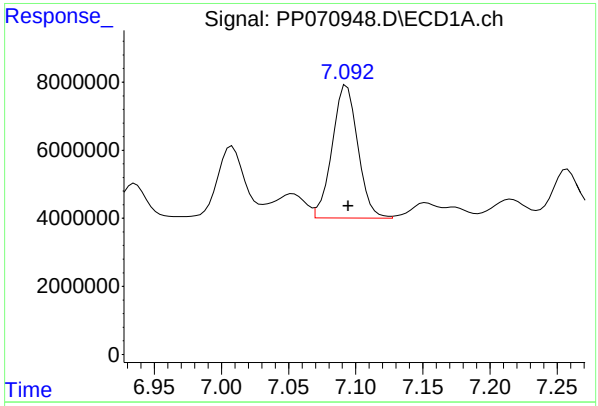
#27 AR-1254-2

R.T.: 6.730 min
Delta R.T.: -0.002 min
Response: 52171420
Conc: 516.09 ng/ml



#27 AR-1254-2

R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 28060451
Conc: 491.44 ng/ml



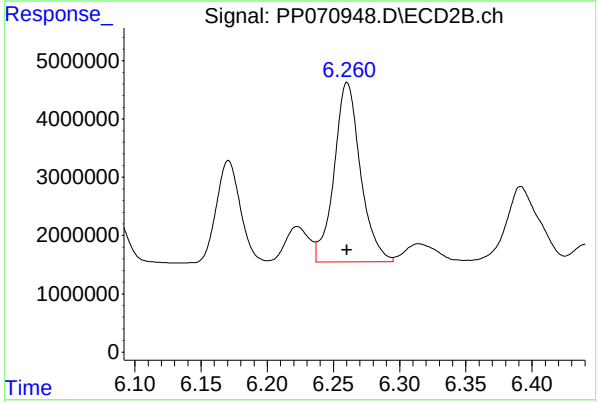
#28 AR-1254-3

R.T.: 7.093 min
Delta R.T.: -0.001 min
Response: 52059367
Conc: 522.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP032725AR1254

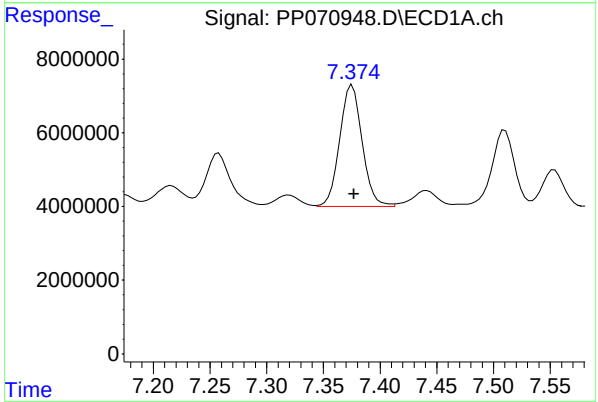
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



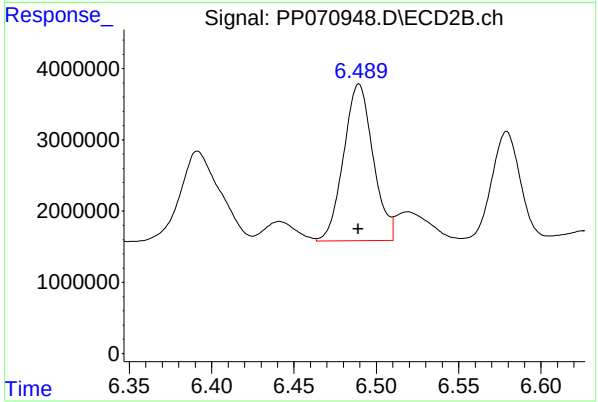
#28 AR-1254-3

R.T.: 6.260 min
Delta R.T.: 0.000 min
Response: 42608413
Conc: 490.65 ng/ml



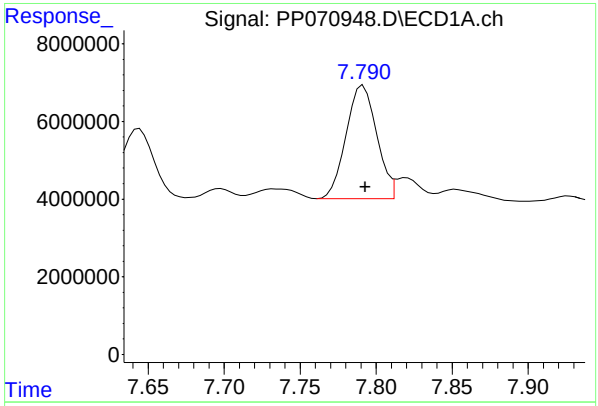
#29 AR-1254-4

R.T.: 7.375 min
Delta R.T.: -0.001 min
Response: 45346150
Conc: 523.65 ng/ml



#29 AR-1254-4

R.T.: 6.489 min
Delta R.T.: 0.000 min
Response: 27407702
Conc: 488.55 ng/ml



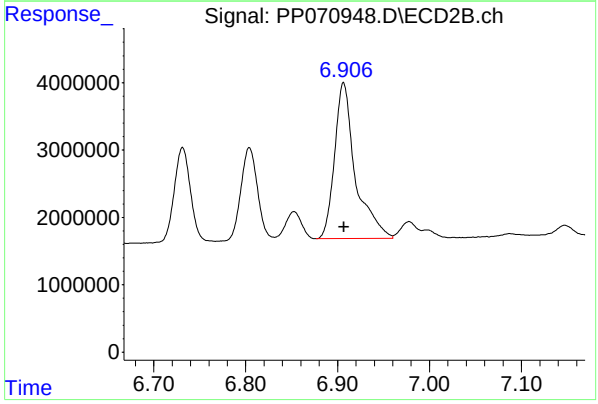
#30 AR-1254-5

R.T.: 7.790 min
Delta R.T.: -0.003 min
Response: 41706053
Conc: 519.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP032725AR1254

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



#30 AR-1254-5

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 36336253
Conc: 503.62 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070949.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 20:20
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP032725AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 28 01:48:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 01:43:54 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.516	3.816	81260121	54086649	52.018	47.172
2)	SA Decachlor...	10.231	8.858	106.7E6	75635416	51.843	49.238
	Target Compounds						
41)	L9 AR-1268-1	8.729	7.728	122.6E6	85915063	520.500	501.249
42)	L9 AR-1268-2	8.822	7.793	102.3E6	71467631	523.804	498.787
43)	L9 AR-1268-3	9.054	7.999	88458310	61199335	517.562	496.952
44)	L9 AR-1268-4	9.472	8.292	37948087	26301297	536.390	498.006
45)	L9 AR-1268-5	9.889	8.595	246.0E6	175.8E6	516.662	485.835

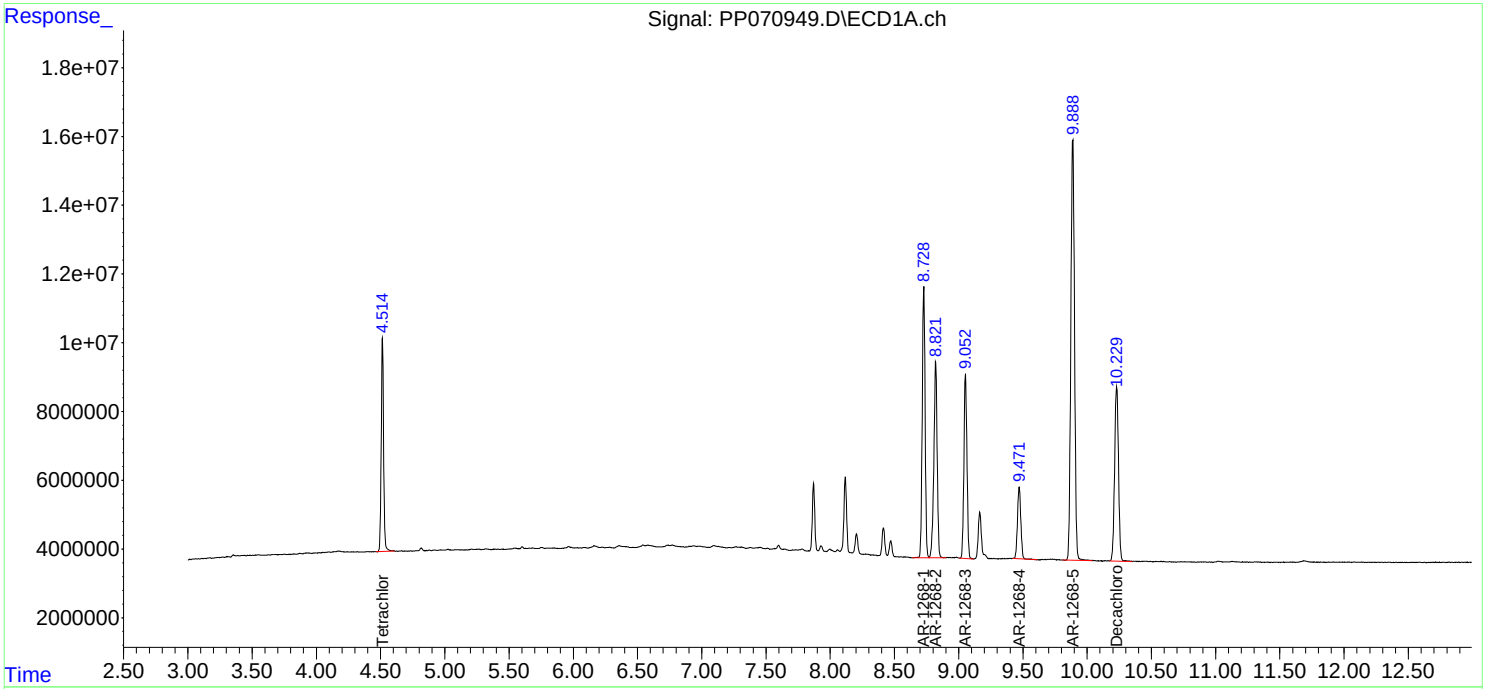
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

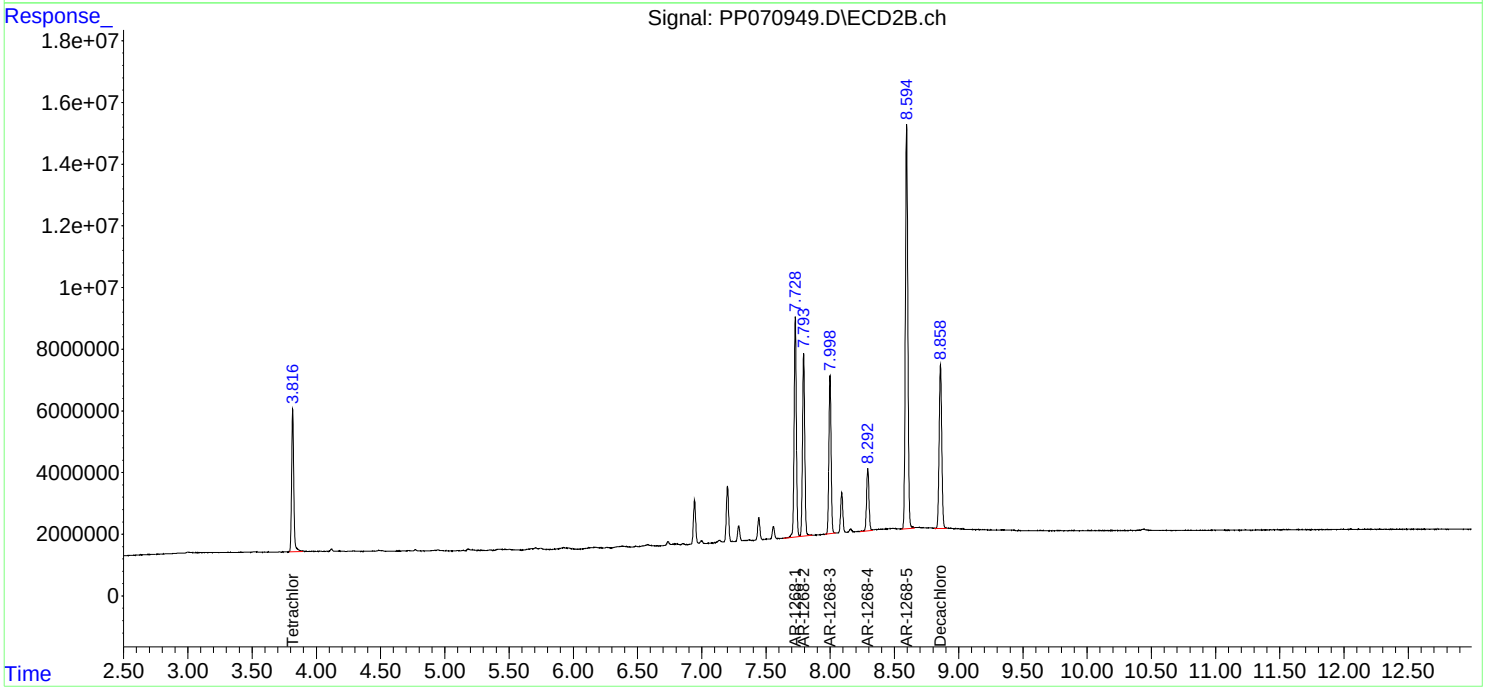
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070949.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 20:20
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

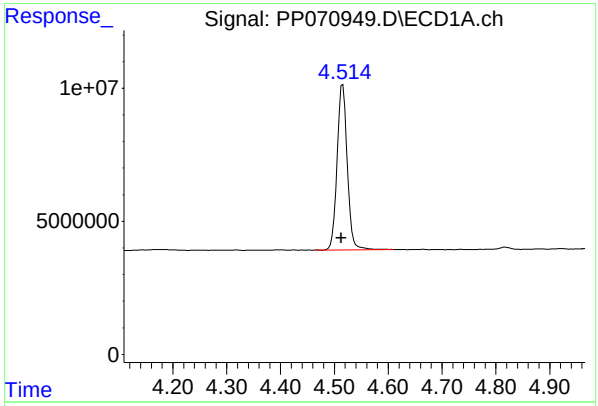
Instrument :
ECD_P
ClientSampleId :
ICVPP032725AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 28 01:48:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 01:43:54 2025
Response via : Initial Calibration
Integrator: ChemStation

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



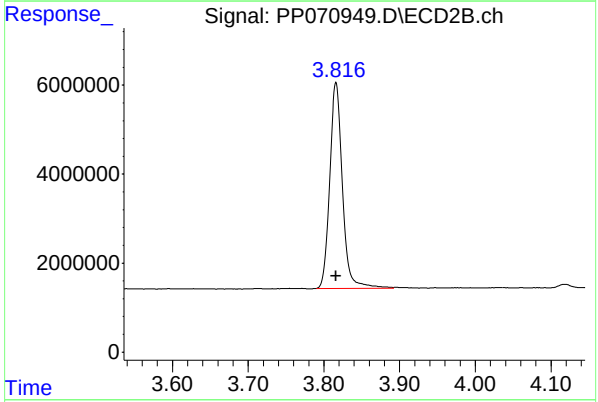




#1 Tetrachloro-m-xylene

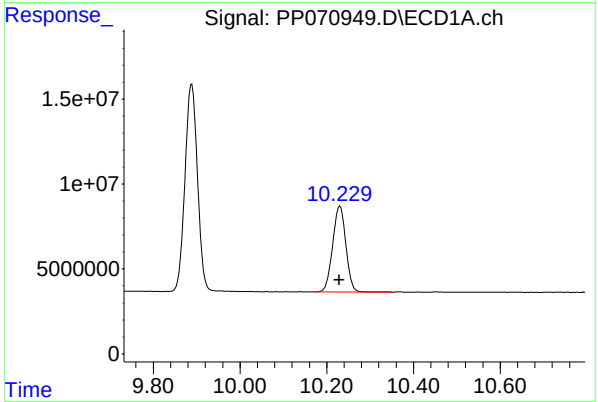
R.T.: 4.516 min
Delta R.T.: 0.003 min
Response: 81260121
Conc: 52.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP032725AR1268



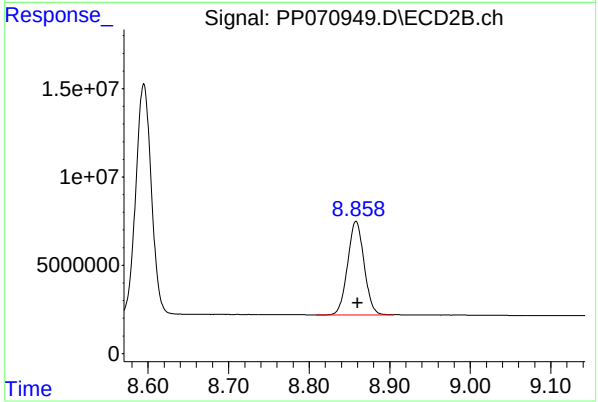
#1 Tetrachloro-m-xylene

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 54086649
Conc: 47.17 ng/ml



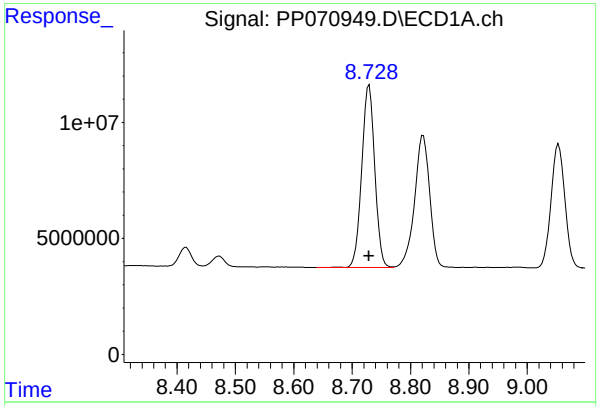
#2 Decachlorobiphenyl

R.T.: 10.231 min
Delta R.T.: 0.000 min
Response: 106656431
Conc: 51.84 ng/ml



#2 Decachlorobiphenyl

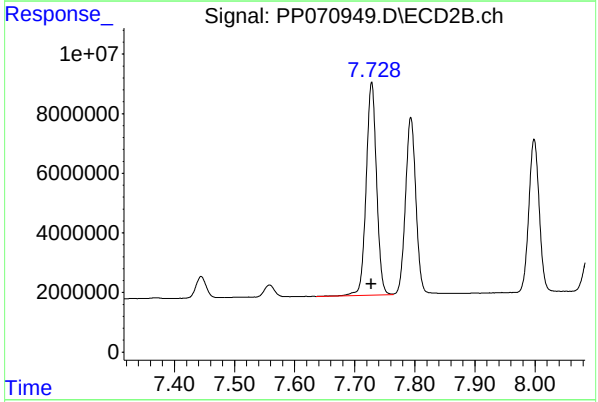
R.T.: 8.858 min
Delta R.T.: -0.002 min
Response: 75635416
Conc: 49.24 ng/ml



#41 AR-1268-1

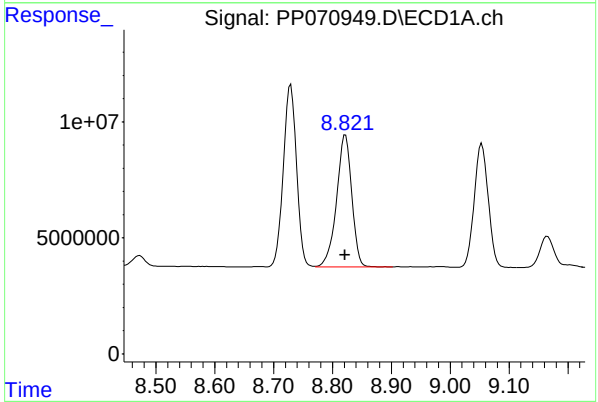
R.T.: 8.729 min
Delta R.T.: 0.000 min
Response: 122581794
Conc: 520.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP032725AR1268



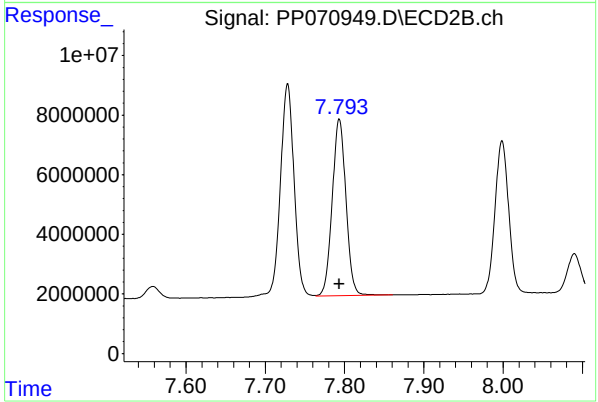
#41 AR-1268-1

R.T.: 7.728 min
Delta R.T.: 0.000 min
Response: 85915063
Conc: 501.25 ng/ml



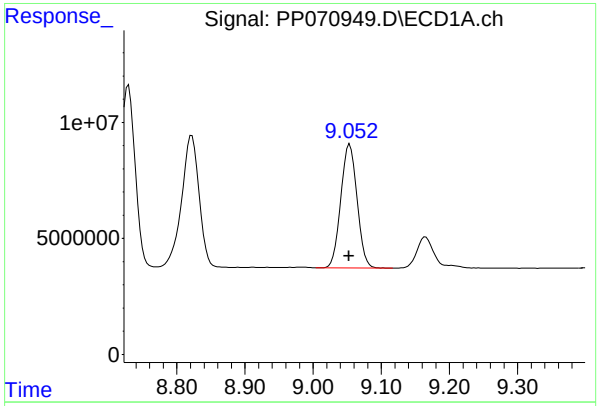
#42 AR-1268-2

R.T.: 8.822 min
Delta R.T.: 0.000 min
Response: 102307003
Conc: 523.80 ng/ml



#42 AR-1268-2

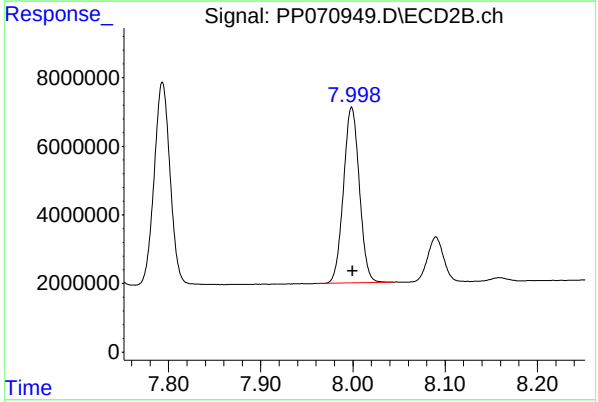
R.T.: 7.793 min
Delta R.T.: 0.000 min
Response: 71467631
Conc: 498.79 ng/ml



#43 AR-1268-3

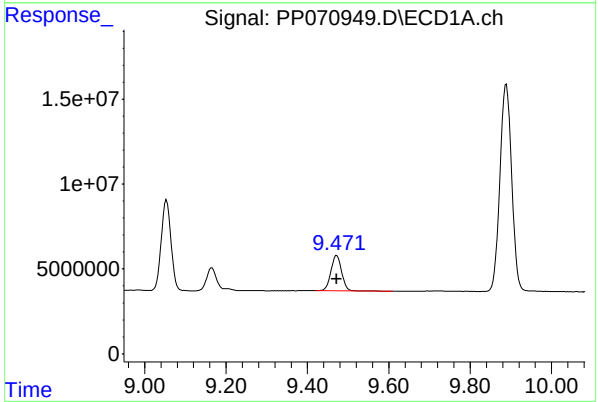
R.T.: 9.054 min
Delta R.T.: 0.000 min
Response: 88458310
Conc: 517.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP032725AR1268



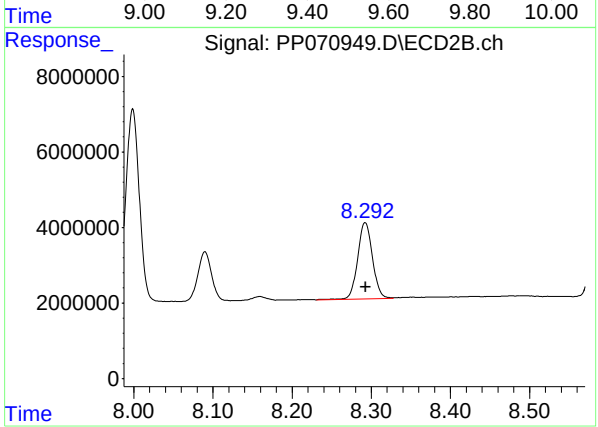
#43 AR-1268-3

R.T.: 7.999 min
Delta R.T.: -0.001 min
Response: 61199335
Conc: 496.95 ng/ml



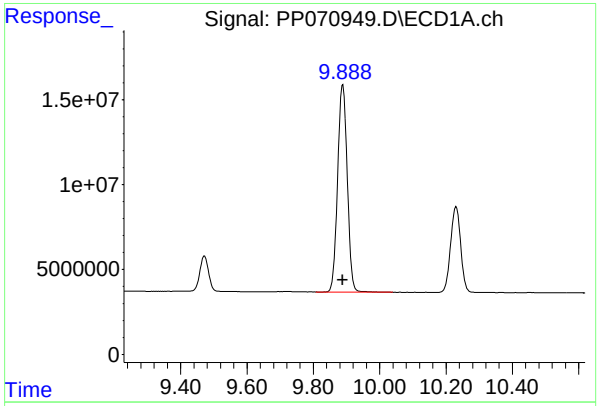
#44 AR-1268-4

R.T.: 9.472 min
Delta R.T.: 0.000 min
Response: 37948087
Conc: 536.39 ng/ml



#44 AR-1268-4

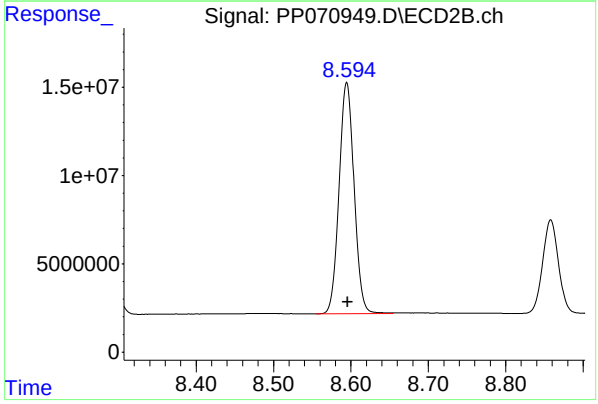
R.T.: 8.292 min
Delta R.T.: 0.000 min
Response: 26301297
Conc: 498.01 ng/ml



#45 AR-1268-5

R.T.: 9.889 min
Delta R.T.: 0.000 mi
Response: 246021928
Conc: 516.66 ng/m

Instrument :
ECD_P
ClientSampleId :
ICVPP032725AR1268



#45 AR-1268-5

R.T.: 8.595 min
Delta R.T.: -0.001 min
Response: 175808654
Conc: 485.84 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Contract: TETR06

Lab Code: CHEM **Case No.:** Q1774 **SAS No.:** Q1774 **SDG NO.:** Q1774

Continuing Calib Date: 04/10/2025 **Initial Calibration Date(s):** 03/27/2025 03/27/2025

Continuing Calib Time: 16:34 **Initial Calibration Time(s):** 10:30 17:53

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.67	5.66	5.56	5.76	-0.01
Aroclor-1016-2	(2)	5.69	5.69	5.59	5.79	0.00
Aroclor-1016-3	(3)	5.75	5.75	5.65	5.85	0.00
Aroclor-1016-4	(4)	5.85	5.85	5.75	5.95	0.00
Aroclor-1016-5	(5)	6.14	6.14	6.04	6.24	0.00
Aroclor-1260-1	(1)	7.26	7.26	7.16	7.36	0.00
Aroclor-1260-2	(2)	7.52	7.51	7.41	7.61	-0.01
Aroclor-1260-3	(3)	7.88	7.87	7.77	7.97	-0.01
Aroclor-1260-4	(4)	8.10	8.09	7.99	8.19	-0.01
Aroclor-1260-5	(5)	8.42	8.41	8.31	8.51	-0.01
Tetrachloro-m-xylene		4.52	4.51	4.41	4.61	-0.01
Decachlorobiphenyl		10.23	10.23	10.13	10.33	0.00

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.:** Q1774 **SAS No.:** Q1774 **SDG NO.:** Q1774

Continuing Calib Date: 04/10/2025 **Initial Calibration Date(s):** 03/27/2025 03/27/2025

Continuing Calib Time: 16:34 **Initial Calibration Time(s):** 10:30 17:53

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.90	4.90	4.80	5.00	0.00
Aroclor-1016-2	(2)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-3	(3)	5.09	5.10	5.00	5.20	0.01
Aroclor-1016-4	(4)	5.14	5.14	5.04	5.24	0.00
Aroclor-1016-5	(5)	5.35	5.36	5.26	5.46	0.01
Aroclor-1260-1	(1)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-2	(2)	6.57	6.58	6.48	6.68	0.01
Aroclor-1260-3	(3)	6.73	6.73	6.63	6.83	0.00
Aroclor-1260-4	(4)	7.20	7.21	7.11	7.31	0.01
Aroclor-1260-5	(5)	7.44	7.45	7.35	7.55	0.01
Tetrachloro-m-xylene		3.81	3.82	3.72	3.92	0.01
Decachlorobiphenyl		8.85	8.86	8.76	8.96	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.:** Q1774 **SAS No.:** Q1774 **SDG NO.:** Q1774

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 03/27/2025 03/27/2025

Client Sample No.: CCAL01 **Date Analyzed:** 04/10/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071206.D **Time Analyzed:** 16:34

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.670	5.563	5.763	496.930	500.000	-0.6
Aroclor-1016-2	5.691	5.585	5.785	495.850	500.000	-0.8
Aroclor-1016-3	5.753	5.648	5.848	482.230	500.000	-3.6
Aroclor-1016-4	5.850	5.745	5.945	517.440	500.000	3.5
Aroclor-1016-5	6.144	6.038	6.238	526.010	500.000	5.2
Aroclor-1260-1	7.263	7.156	7.356	525.350	500.000	5.1
Aroclor-1260-2	7.516	7.410	7.610	529.730	500.000	5.9
Aroclor-1260-3	7.876	7.768	7.968	531.440	500.000	6.3
Aroclor-1260-4	8.099	7.992	8.192	470.160	500.000	-6.0
Aroclor-1260-5	8.419	8.311	8.511	492.520	500.000	-1.5
Decachlorobiphenyl	10.234	10.125	10.325	50.660	50.000	1.3
Tetrachloro-m-xylene	4.516	4.412	4.612	52.980	50.000	6.0

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.:** Q1774 **SAS No.:** Q1774 **SDG NO.:** Q1774

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 03/27/2025 03/27/2025

Client Sample No.: CCAL01 **Date Analyzed:** 04/10/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071206.D **Time Analyzed:** 16:34

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.899	4.803	5.003	546.170	500.000	9.2
Aroclor-1016-2	4.918	4.822	5.022	529.800	500.000	6.0
Aroclor-1016-3	5.094	4.999	5.199	562.150	500.000	12.4
Aroclor-1016-4	5.136	5.041	5.241	566.440	500.000	13.3
Aroclor-1016-5	5.351	5.255	5.455	568.390	500.000	13.7
Aroclor-1260-1	6.386	6.292	6.492	546.080	500.000	9.2
Aroclor-1260-2	6.574	6.480	6.680	523.580	500.000	4.7
Aroclor-1260-3	6.727	6.634	6.834	530.430	500.000	6.1
Aroclor-1260-4	7.198	7.105	7.305	502.190	500.000	0.4
Aroclor-1260-5	7.440	7.346	7.546	440.140	500.000	-12.0
Decachlorobiphenyl	8.850	8.759	8.959	43.700	50.000	-12.6
Tetrachloro-m-xylene	3.813	3.716	3.916	53.310	50.000	6.6

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041025\
Data File : PP071206.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 16:34
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/11/2025
Supervised By :mohammad ahmed 04/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 16:43:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.516	3.813	77430820	55259450	52.978	53.306
2)	SA Decachlor...	10.234	8.850	53327357	34445025	50.662	43.701
	Target Compounds						
3)	L1 AR-1016-1	5.670	4.899	25269605	21895104	496.932	546.174
4)	L1 AR-1016-2	5.691	4.918	38702715	30656693	495.848	529.796
5)	L1 AR-1016-3	5.753	5.094	22748872	17383521	482.227	562.150
6)	L1 AR-1016-4	5.850	5.136	19018947	13796117	517.442	566.438
7)	L1 AR-1016-5	6.144	5.351	17838114	18371194	526.010	568.395m
31)	L7 AR-1260-1	7.263	6.386	35278629	27962514	525.349	546.075
32)	L7 AR-1260-2	7.516	6.574	50926026	33400911	529.727	523.576
33)	L7 AR-1260-3	7.876	6.727	42472032	28901515	531.444	530.431
34)	L7 AR-1260-4	8.099	7.198	37018676	24018074	470.157	502.194
35)	L7 AR-1260-5	8.419	7.440	78253944	54802398	492.516	440.144

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

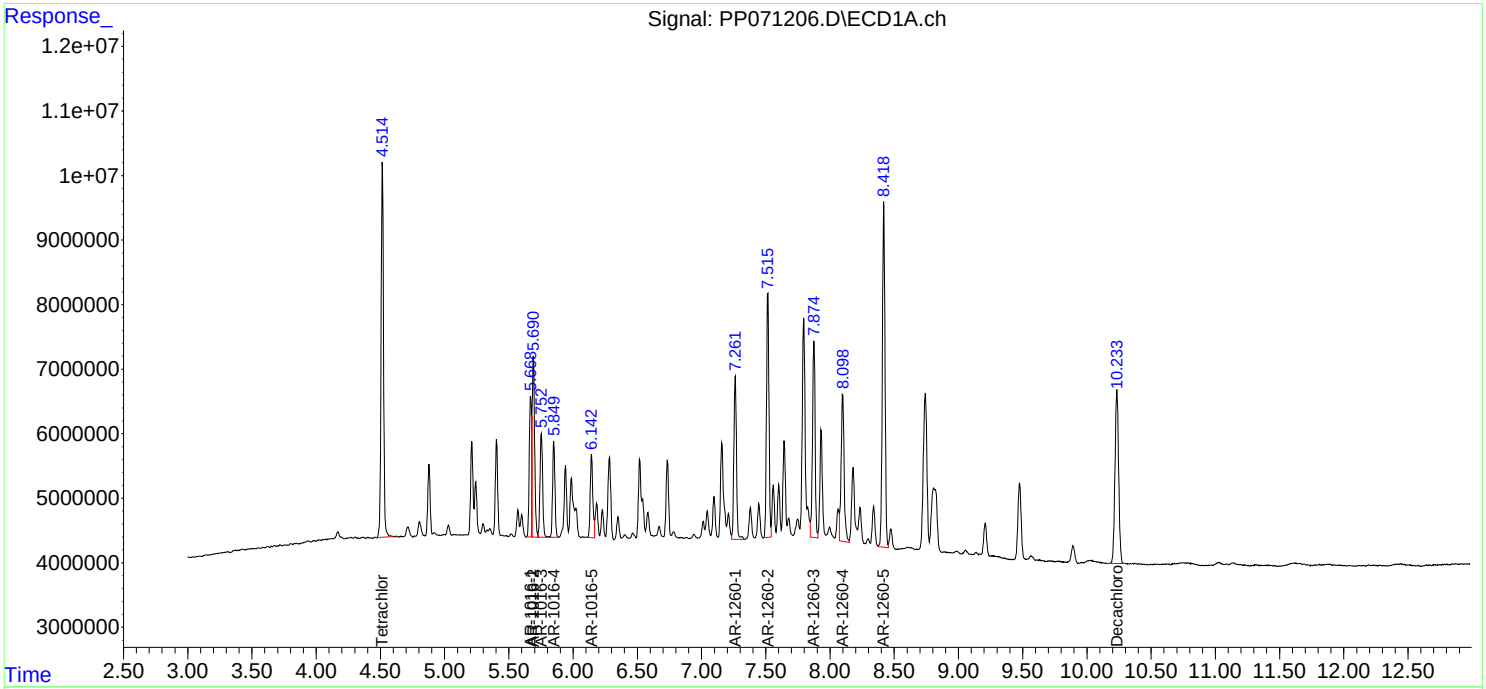
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041025\
Data File : PP071206.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 16:34
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

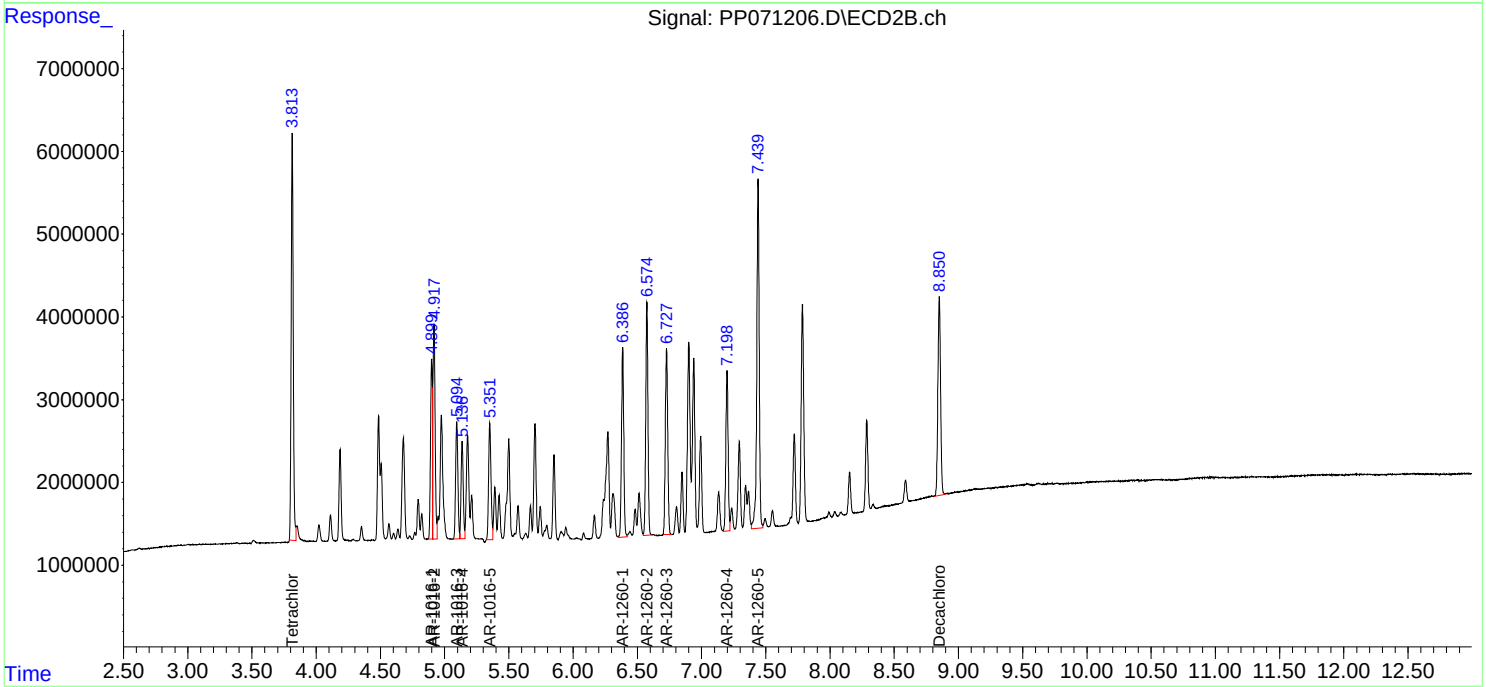
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

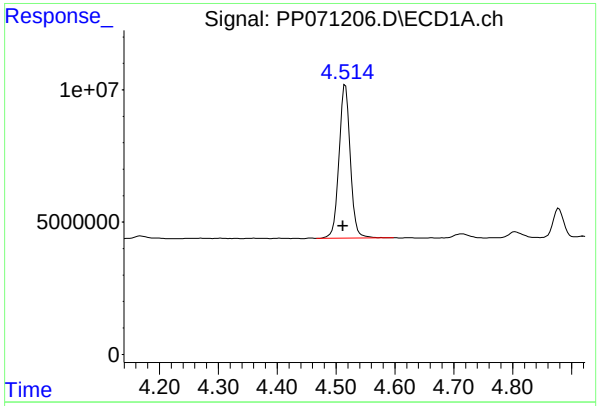
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/11/2025
Supervised By :mohammad ahmed 04/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 16:43:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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







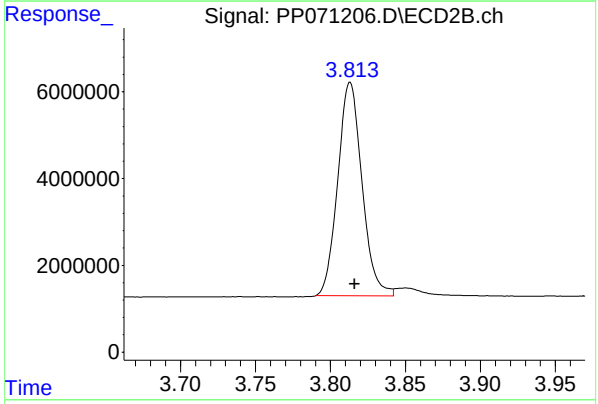
#1 Tetrachloro-m-xylene

R.T.: 4.516 min
Delta R.T.: 0.004 min
Response: 77430820
Conc: 52.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

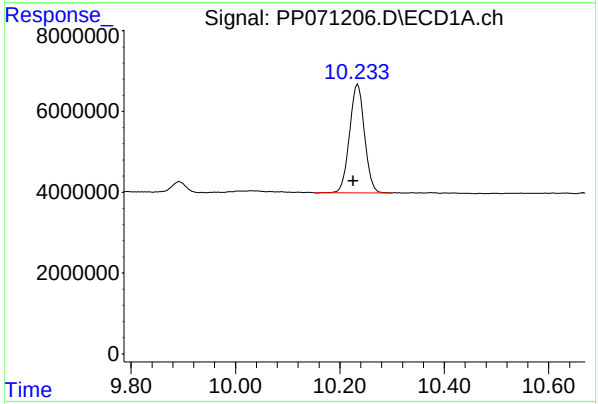
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/11/2025
Supervised By :mohammad ahmed 04/14/2025



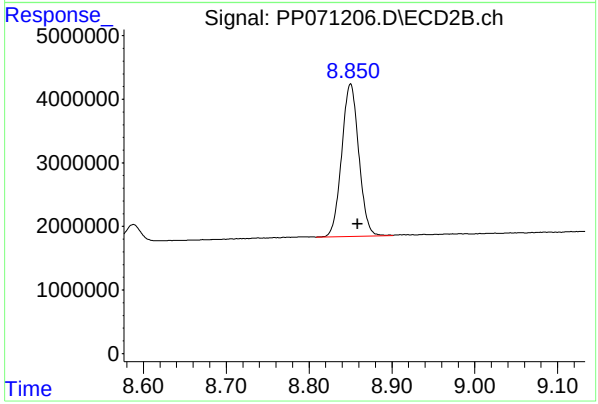
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: -0.003 min
Response: 55259450
Conc: 53.31 ng/ml



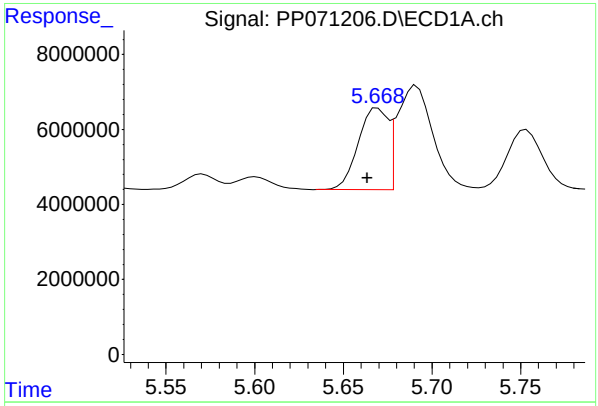
#2 Decachlorobiphenyl

R.T.: 10.234 min
Delta R.T.: 0.009 min
Response: 53327357
Conc: 50.66 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.850 min
Delta R.T.: -0.009 min
Response: 34445025
Conc: 43.70 ng/ml



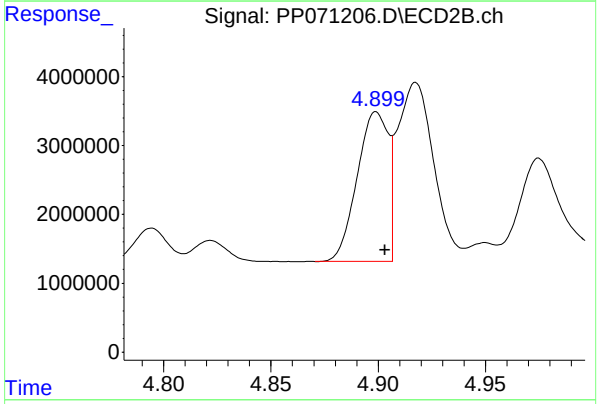
#3 AR-1016-1

R.T.: 5.670 min
Delta R.T.: 0.006 min
Response: 25269605
Conc: 496.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

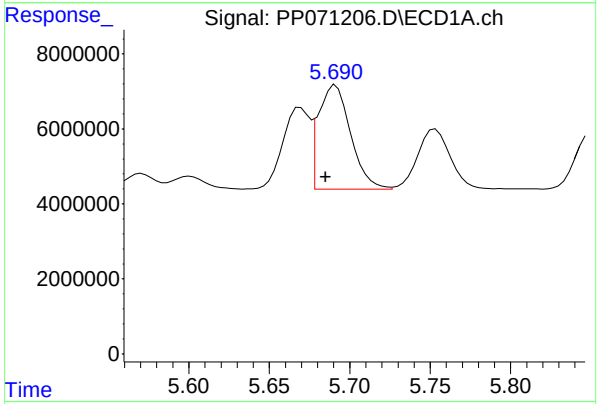
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/11/2025
Supervised By :mohammad ahmed 04/14/2025



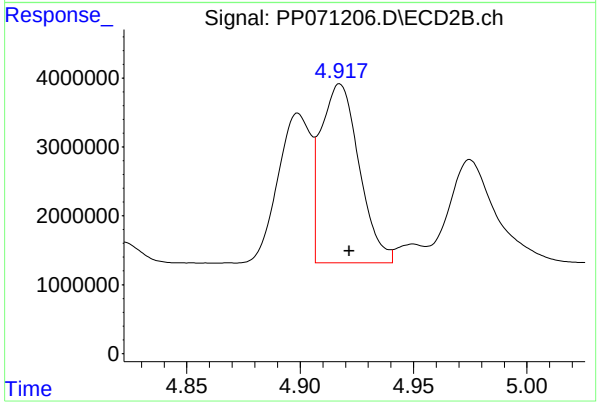
#3 AR-1016-1

R.T.: 4.899 min
Delta R.T.: -0.004 min
Response: 21895104
Conc: 546.17 ng/ml



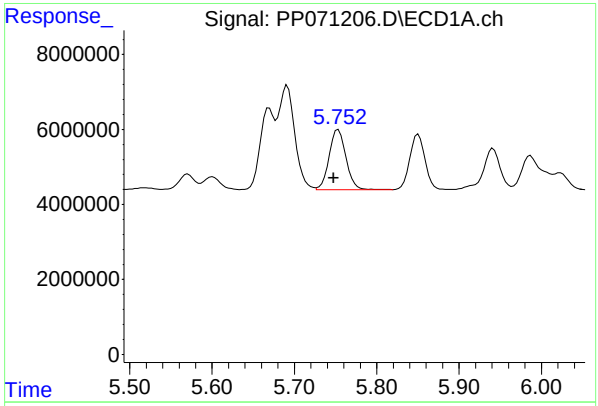
#4 AR-1016-2

R.T.: 5.691 min
Delta R.T.: 0.006 min
Response: 38702715
Conc: 495.85 ng/ml



#4 AR-1016-2

R.T.: 4.918 min
Delta R.T.: -0.004 min
Response: 30656693
Conc: 529.80 ng/ml



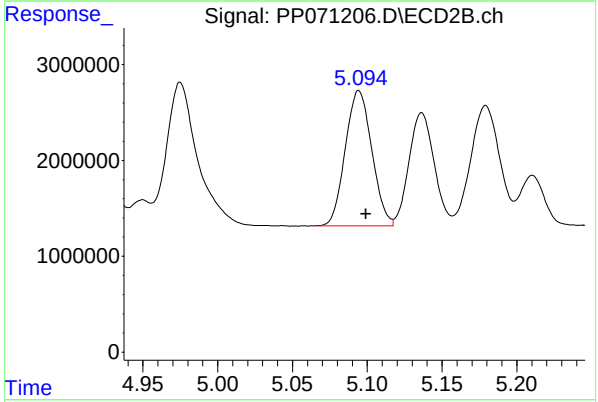
#5 AR-1016-3

R.T.: 5.753 min
Delta R.T.: 0.006 min
Response: 22748872
Conc: 482.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

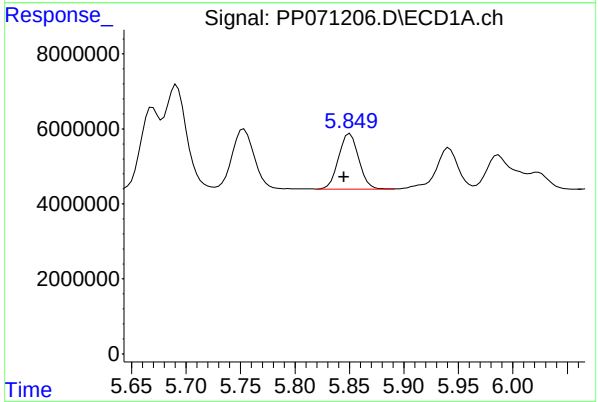
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/11/2025
Supervised By :mohammad ahmed 04/14/2025



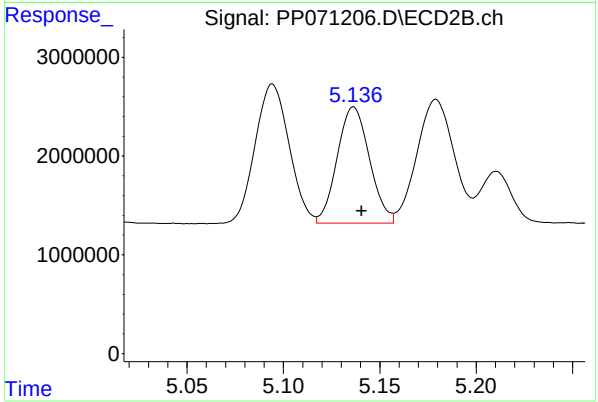
#5 AR-1016-3

R.T.: 5.094 min
Delta R.T.: -0.005 min
Response: 17383521
Conc: 562.15 ng/ml



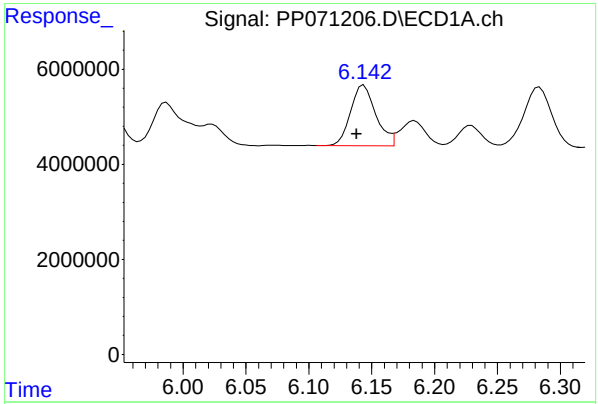
#6 AR-1016-4

R.T.: 5.850 min
Delta R.T.: 0.005 min
Response: 19018947
Conc: 517.44 ng/ml



#6 AR-1016-4

R.T.: 5.136 min
Delta R.T.: -0.004 min
Response: 13796117
Conc: 566.44 ng/ml



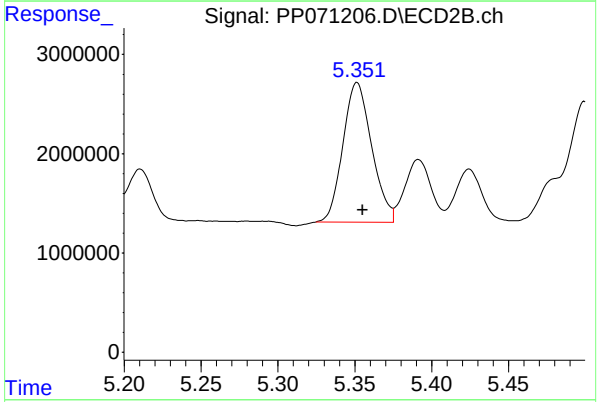
#7 AR-1016-5

R.T.: 6.144 min
Delta R.T.: 0.006 mi
Response: 17838114
Conc: 526.01 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

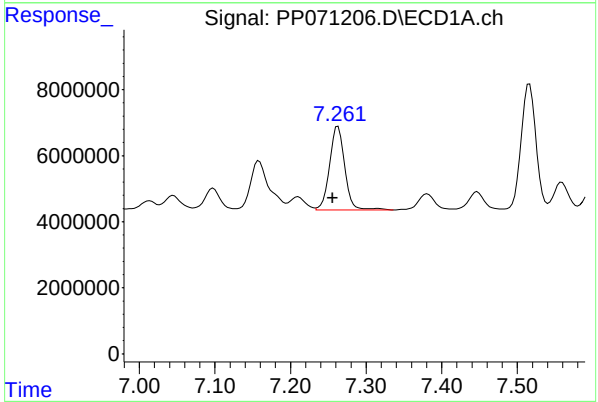
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/11/2025
Supervised By :mohammad ahmed 04/14/2025



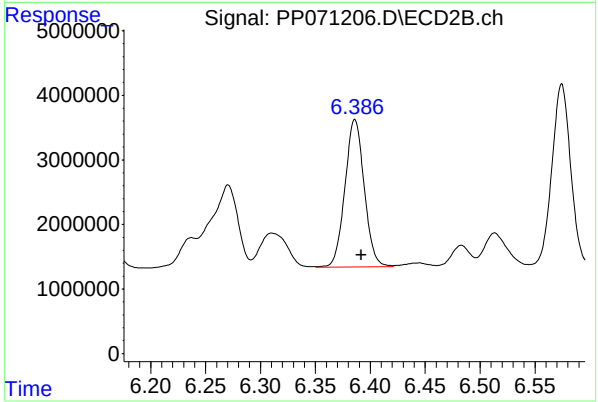
#7 AR-1016-5

R.T.: 5.351 min
Delta R.T.: -0.004 min
Response: 18371194
Conc: 568.39 ng/ml m



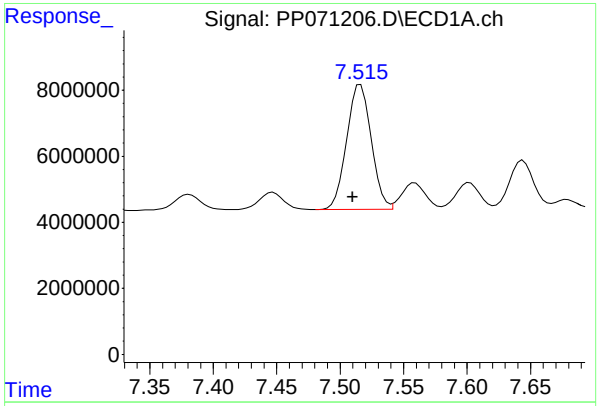
#31 AR-1260-1

R.T.: 7.263 min
Delta R.T.: 0.007 min
Response: 35278629
Conc: 525.35 ng/ml



#31 AR-1260-1

R.T.: 6.386 min
Delta R.T.: -0.006 min
Response: 27962514
Conc: 546.08 ng/ml



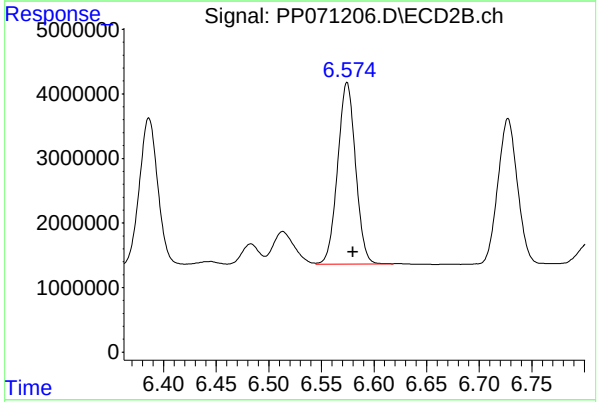
#32 AR-1260-2

R.T.: 7.516 min
Delta R.T.: 0.006 min
Response: 50926026
Conc: 529.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

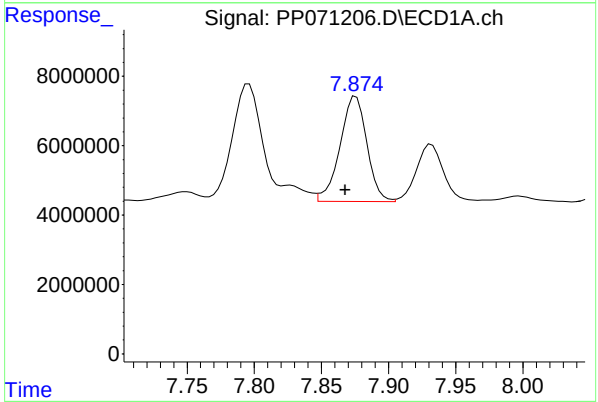
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/11/2025
Supervised By :mohammad ahmed 04/14/2025



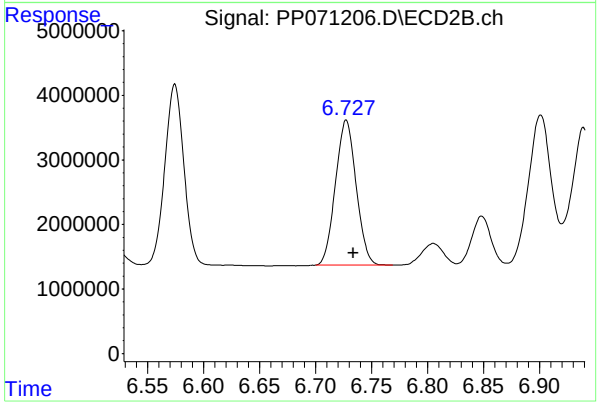
#32 AR-1260-2

R.T.: 6.574 min
Delta R.T.: -0.005 min
Response: 33400911
Conc: 523.58 ng/ml



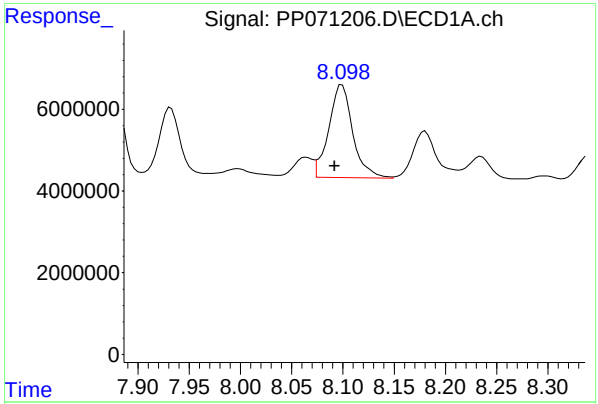
#33 AR-1260-3

R.T.: 7.876 min
Delta R.T.: 0.008 min
Response: 42472032
Conc: 531.44 ng/ml



#33 AR-1260-3

R.T.: 6.727 min
Delta R.T.: -0.006 min
Response: 28901515
Conc: 530.43 ng/ml



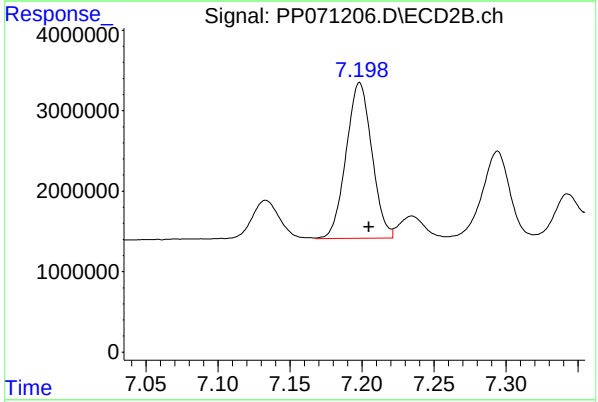
#34 AR-1260-4

R.T.: 8.099 min
Delta R.T.: 0.007 min
Response: 37018676
Conc: 470.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

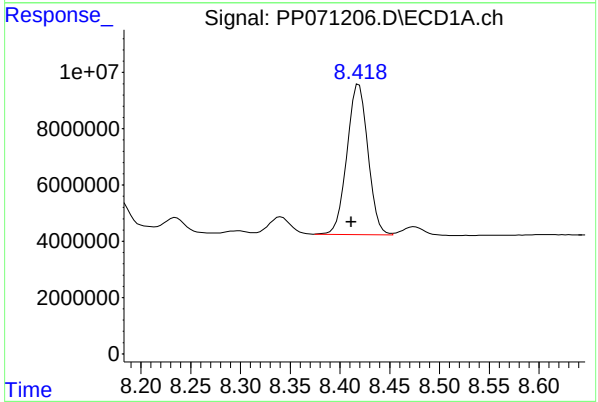
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/11/2025
Supervised By :mohammad ahmed 04/14/2025



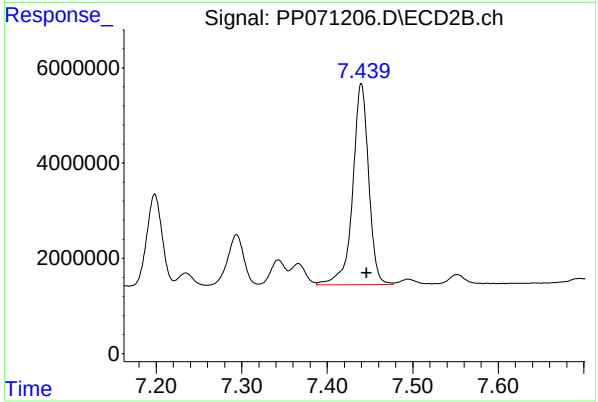
#34 AR-1260-4

R.T.: 7.198 min
Delta R.T.: -0.006 min
Response: 24018074
Conc: 502.19 ng/ml



#35 AR-1260-5

R.T.: 8.419 min
Delta R.T.: 0.008 min
Response: 78253944
Conc: 492.52 ng/ml



#35 AR-1260-5

R.T.: 7.440 min
Delta R.T.: -0.006 min
Response: 54802398
Conc: 440.14 ng/ml

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.:** Q1774 **SAS No.:** Q1774 **SDG NO.:** Q1774

Continuing Calib Date: 04/10/2025 **Initial Calibration Date(s):** 03/27/2025 03/27/2025

Continuing Calib Time: 21:21 **Initial Calibration Time(s):** 10:30 17:53

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.67	5.66	5.56	5.76	-0.01
Aroclor-1016-2	(2)	5.69	5.69	5.59	5.79	0.00
Aroclor-1016-3	(3)	5.75	5.75	5.65	5.85	0.00
Aroclor-1016-4	(4)	5.85	5.85	5.75	5.95	0.00
Aroclor-1016-5	(5)	6.14	6.14	6.04	6.24	0.00
Aroclor-1260-1	(1)	7.26	7.26	7.16	7.36	0.00
Aroclor-1260-2	(2)	7.52	7.51	7.41	7.61	0.00
Aroclor-1260-3	(3)	7.87	7.87	7.77	7.97	0.00
Aroclor-1260-4	(4)	8.10	8.09	7.99	8.19	-0.01
Aroclor-1260-5	(5)	8.42	8.41	8.31	8.51	-0.01
Tetrachloro-m-xylene		4.51	4.51	4.41	4.61	0.00
Decachlorobiphenyl		10.23	10.23	10.13	10.33	0.00

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.:** Q1774 **SAS No.:** Q1774 **SDG NO.:** Q1774

Continuing Calib Date: 04/10/2025 **Initial Calibration Date(s):** 03/27/2025 03/27/2025

Continuing Calib Time: 21:21 **Initial Calibration Time(s):** 10:30 17:53

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.90	4.90	4.80	5.00	0.00
Aroclor-1016-2	(2)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-3	(3)	5.09	5.10	5.00	5.20	0.01
Aroclor-1016-4	(4)	5.14	5.14	5.04	5.24	0.00
Aroclor-1016-5	(5)	5.35	5.36	5.26	5.46	0.01
Aroclor-1260-1	(1)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-2	(2)	6.57	6.58	6.48	6.68	0.01
Aroclor-1260-3	(3)	6.73	6.73	6.63	6.83	0.00
Aroclor-1260-4	(4)	7.20	7.21	7.11	7.31	0.01
Aroclor-1260-5	(5)	7.44	7.45	7.35	7.55	0.01
Tetrachloro-m-xylene		3.81	3.82	3.72	3.92	0.01
Decachlorobiphenyl		8.85	8.86	8.76	8.96	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: TETR06

Lab Code: CHEM **Case No.:** Q1774 **SAS No.:** Q1774 **SDG NO.:** Q1774

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/27/2025 03/27/2025

Client Sample No.: CCAL02 **Date Analyzed:** 04/10/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071217.D **Time Analyzed:** 21:21

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.668	5.563	5.763	522.540	500.000	4.5
Aroclor-1016-2	5.689	5.585	5.785	521.640	500.000	4.3
Aroclor-1016-3	5.752	5.648	5.848	509.140	500.000	1.8
Aroclor-1016-4	5.849	5.745	5.945	557.900	500.000	11.6
Aroclor-1016-5	6.142	6.038	6.238	577.980	500.000	15.6
Aroclor-1260-1	7.259	7.156	7.356	565.900	500.000	13.2
Aroclor-1260-2	7.515	7.410	7.610	582.410	500.000	16.5
Aroclor-1260-3	7.873	7.768	7.968	549.310	500.000	9.9
Aroclor-1260-4	8.099	7.992	8.192	529.790	500.000	6.0
Aroclor-1260-5	8.417	8.311	8.511	541.830	500.000	8.4
Decachlorobiphenyl	10.233	10.125	10.325	53.220	50.000	6.4
Tetrachloro-m-xylene	4.514	4.412	4.612	53.300	50.000	6.6

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.:** Q1774 **SAS No.:** Q1774 **SDG NO.:** Q1774

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 03/27/2025 03/27/2025

Client Sample No.: CCAL02 **Date Analyzed:** 04/10/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071217.D **Time Analyzed:** 21:21

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.899	4.803	5.003	535.360	500.000	7.1
Aroclor-1016-2	4.917	4.822	5.022	523.850	500.000	4.8
Aroclor-1016-3	5.094	4.999	5.199	561.950	500.000	12.4
Aroclor-1016-4	5.136	5.041	5.241	553.160	500.000	10.6
Aroclor-1016-5	5.350	5.255	5.455	577.870	500.000	15.6
Aroclor-1260-1	6.386	6.292	6.492	576.420	500.000	15.3
Aroclor-1260-2	6.574	6.480	6.680	552.720	500.000	10.5
Aroclor-1260-3	6.727	6.634	6.834	561.900	500.000	12.4
Aroclor-1260-4	7.198	7.105	7.305	515.220	500.000	3.0
Aroclor-1260-5	7.440	7.346	7.546	465.030	500.000	-7.0
Decachlorobiphenyl	8.851	8.759	8.959	44.970	50.000	-10.1
Tetrachloro-m-xylene	3.812	3.716	3.916	49.440	50.000	-1.1

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041025\
Data File : PP071217.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 21:21
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/11/2025
Supervised By :mohammad ahmed 04/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 11 01:40:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.514	3.812	77905830	51254840	53.303	49.443m
2)	SA Decachlor...	10.233	8.851	56021583	35442305	53.221	44.966
	Target Compounds						
3)	L1 AR-1016-1	5.668	4.899	26571620	21461504	522.536	535.357
4)	L1 AR-1016-2	5.689	4.917	40716192	30312527	521.644	523.849
5)	L1 AR-1016-3	5.752	5.094	24018488	17377252	509.140	561.947
6)	L1 AR-1016-4	5.849	5.136	20505917	13472625	557.897	553.156
7)	L1 AR-1016-5	6.142	5.350	19600520	18677483	577.979	577.871m
31)	L7 AR-1260-1	7.259	6.386	38001738	29516353	565.899m	576.420
32)	L7 AR-1260-2	7.515	6.574	55990405	35260257	582.406	552.722
33)	L7 AR-1260-3	7.873	6.727	43900066	30616282	549.313	561.902
34)	L7 AR-1260-4	8.099	7.198	41714335	24641031	529.794	515.219
35)	L7 AR-1260-5	8.417	7.440	86089807	57900706	541.833	465.027

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041025\
Data File : PP071217.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 21:21
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

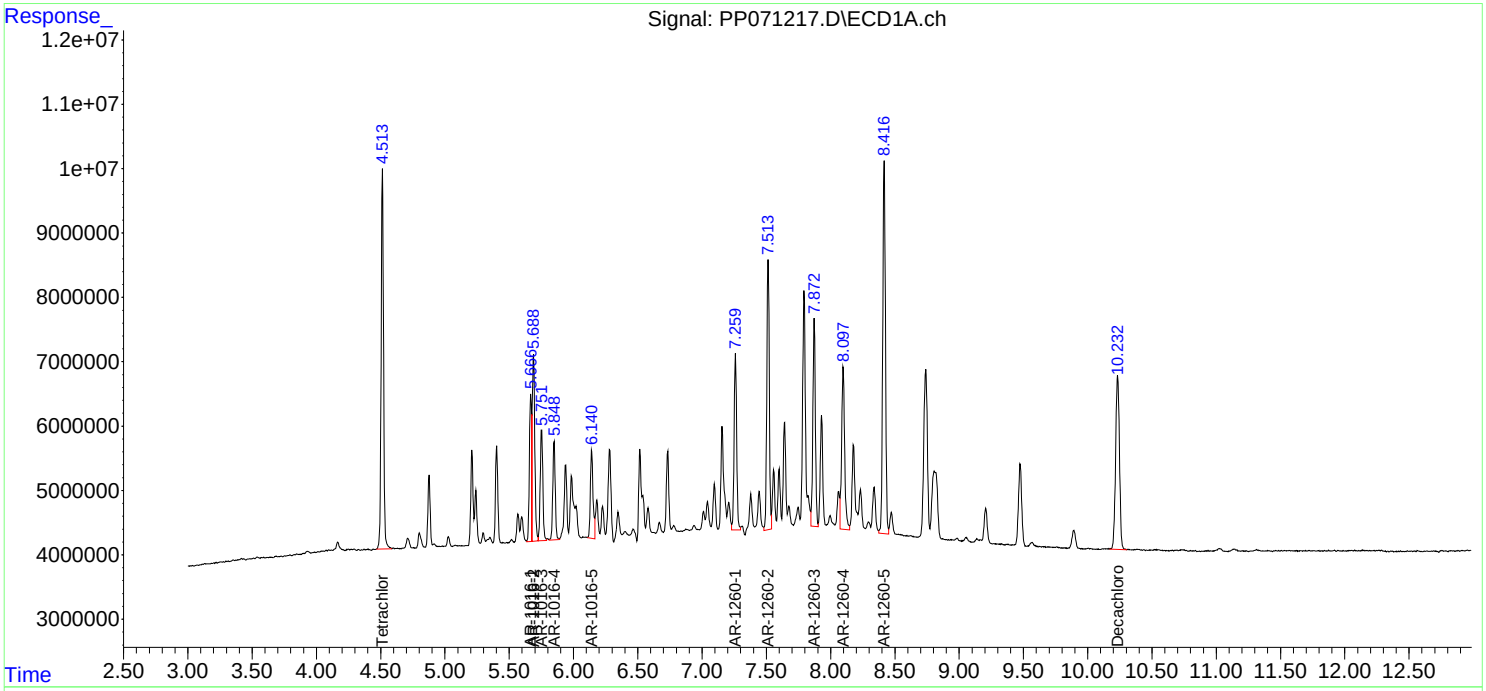
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

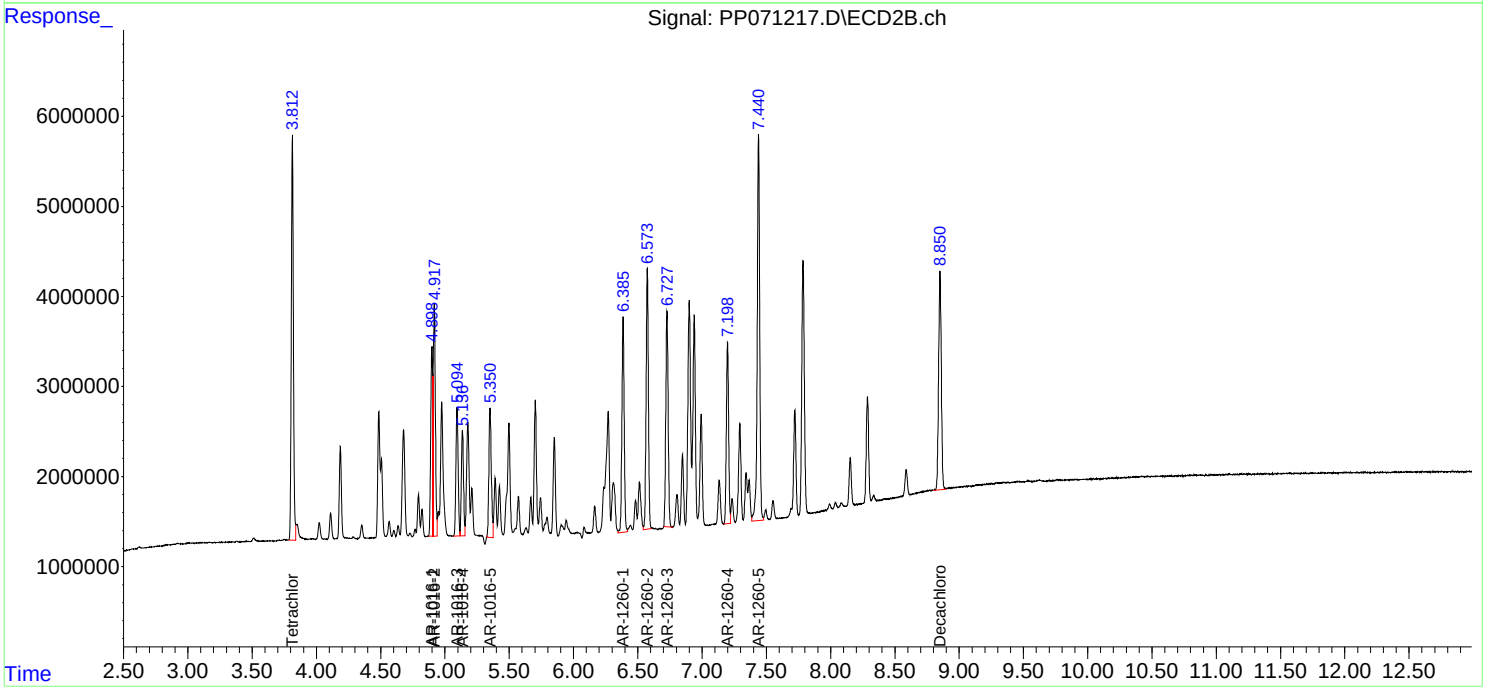
Manual Integrations APPROVED

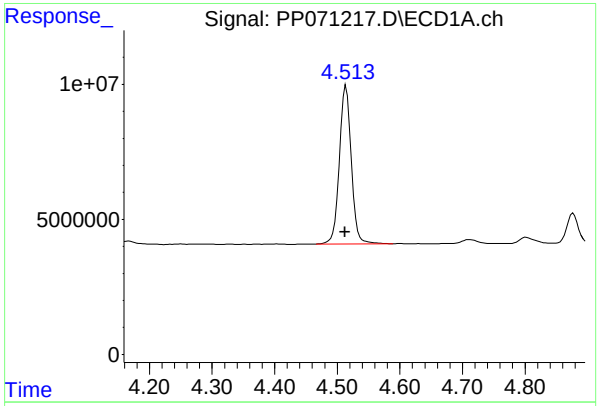
Reviewed By :Yogesh Patel 04/11/2025
Supervised By :mohammad ahmed 04/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 11 01:40:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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







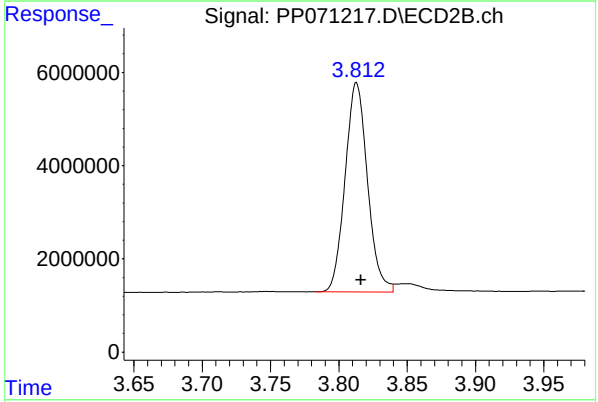
#1 Tetrachloro-m-xylene

R.T.: 4.514 min
Delta R.T.: 0.002 mi
Response: 77905830
Conc: 53.30 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

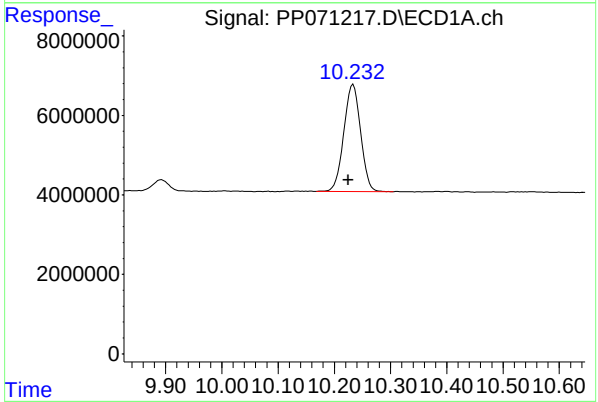
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/11/2025
Supervised By :mohammad ahmed 04/14/2025



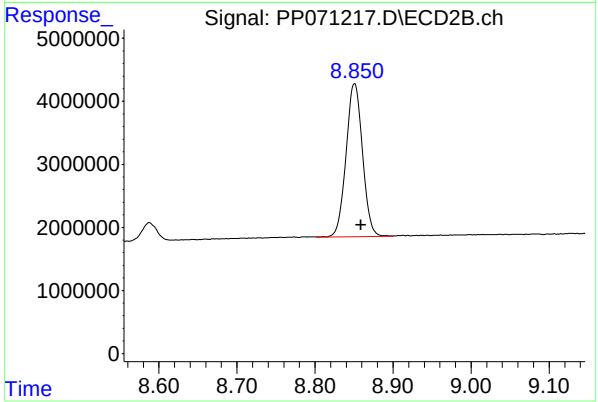
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: -0.004 min
Response: 51254840
Conc: 49.44 ng/ml m



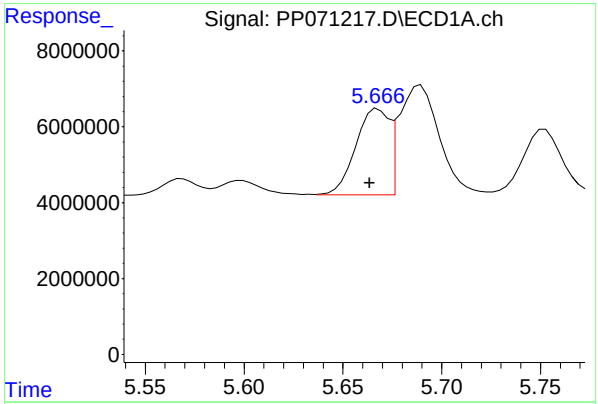
#2 Decachlorobiphenyl

R.T.: 10.233 min
Delta R.T.: 0.008 min
Response: 56021583
Conc: 53.22 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.851 min
Delta R.T.: -0.008 min
Response: 35442305
Conc: 44.97 ng/ml



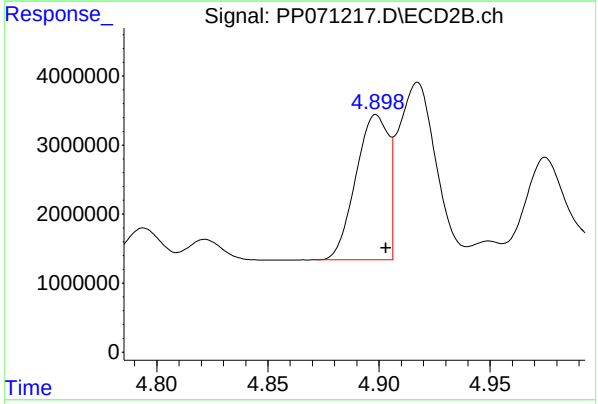
#3 AR-1016-1

R.T.: 5.668 min
Delta R.T.: 0.004 min
Response: 26571620
Conc: 522.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

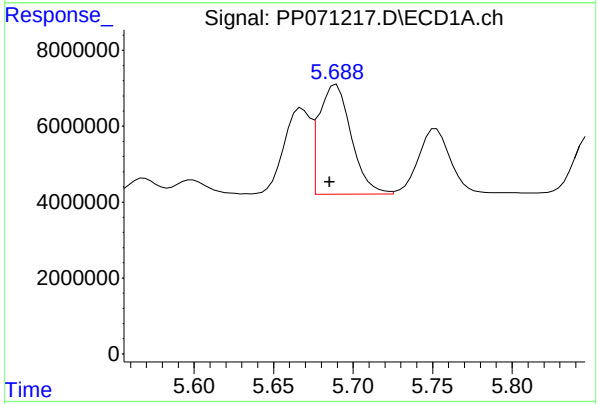
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/11/2025
Supervised By :mohammad ahmed 04/14/2025



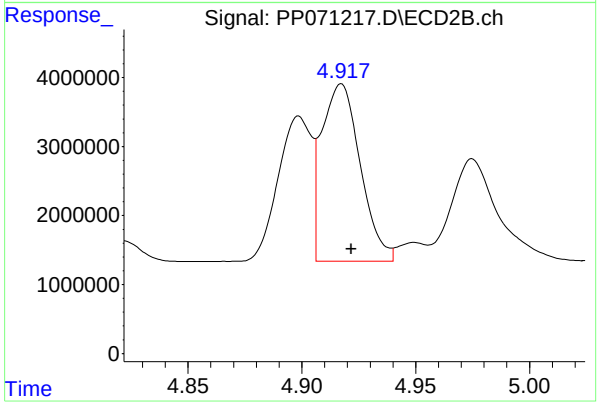
#3 AR-1016-1

R.T.: 4.899 min
Delta R.T.: -0.004 min
Response: 21461504
Conc: 535.36 ng/ml



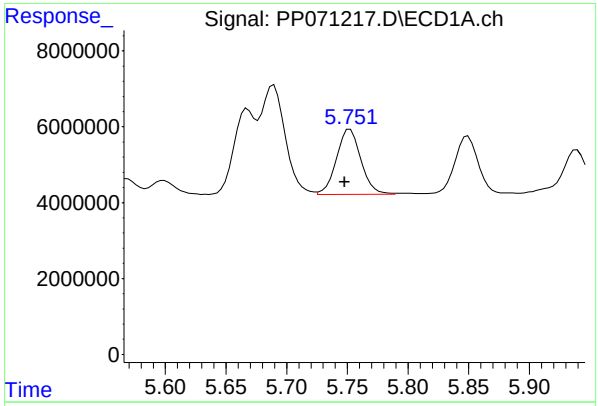
#4 AR-1016-2

R.T.: 5.689 min
Delta R.T.: 0.004 min
Response: 40716192
Conc: 521.64 ng/ml



#4 AR-1016-2

R.T.: 4.917 min
Delta R.T.: -0.004 min
Response: 30312527
Conc: 523.85 ng/ml



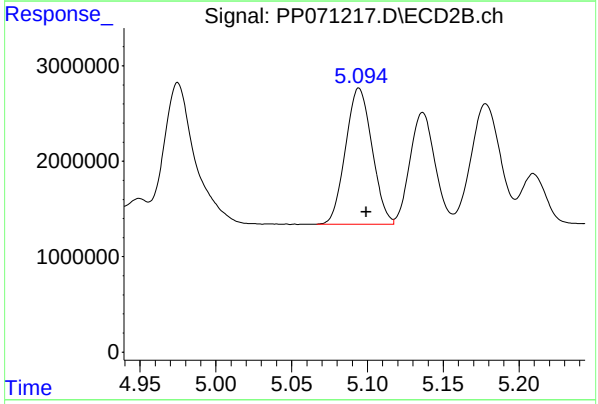
#5 AR-1016-3

R.T.: 5.752 min
Delta R.T.: 0.005 min
Response: 24018488
Conc: 509.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

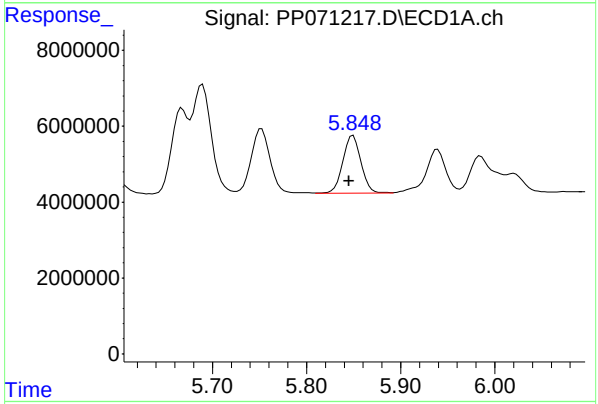
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/11/2025
Supervised By :mohammad ahmed 04/14/2025



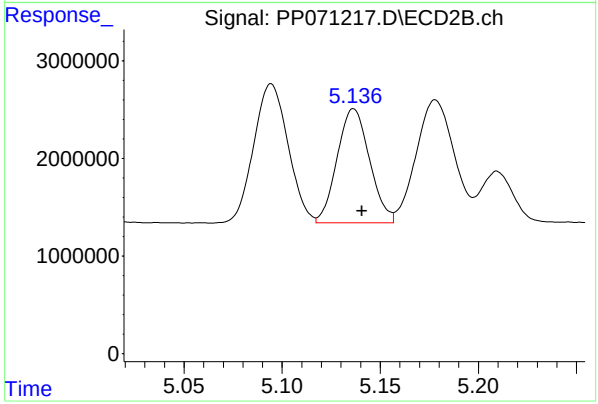
#5 AR-1016-3

R.T.: 5.094 min
Delta R.T.: -0.005 min
Response: 17377252
Conc: 561.95 ng/ml



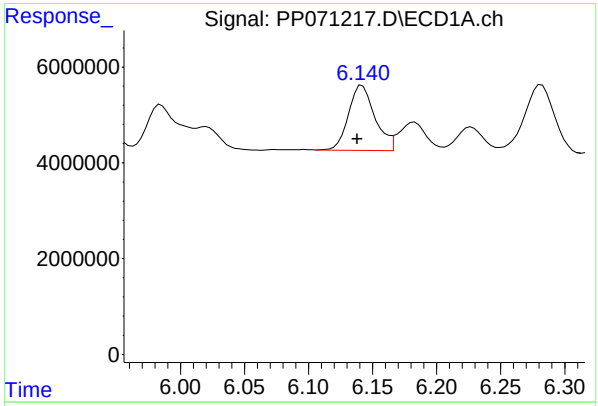
#6 AR-1016-4

R.T.: 5.849 min
Delta R.T.: 0.004 min
Response: 20505917
Conc: 557.90 ng/ml



#6 AR-1016-4

R.T.: 5.136 min
Delta R.T.: -0.004 min
Response: 13472625
Conc: 553.16 ng/ml



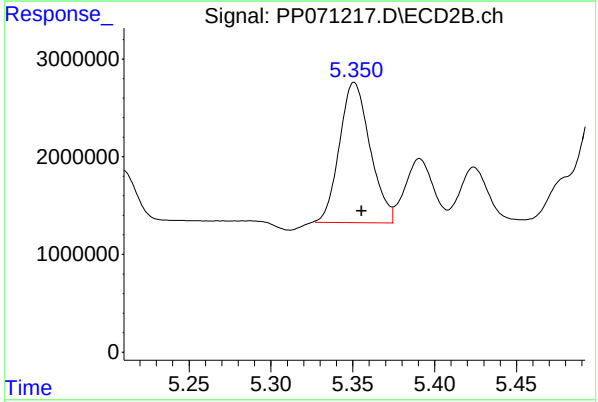
#7 AR-1016-5

R.T.: 6.142 min
Delta R.T.: 0.004 mi
Response: 19600520
Conc: 577.98 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

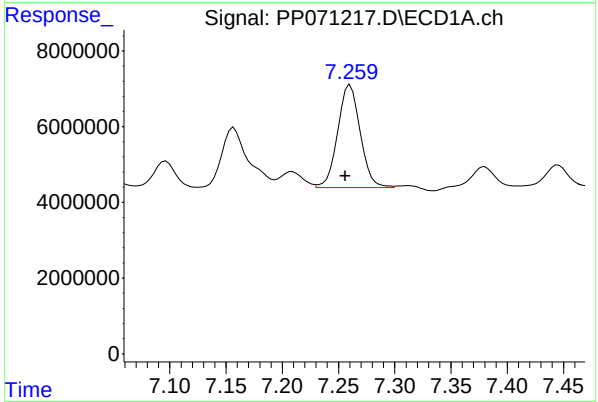
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/11/2025
Supervised By :mohammad ahmed 04/14/2025



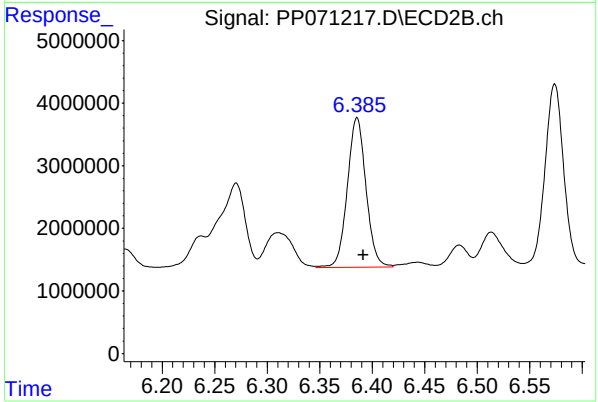
#7 AR-1016-5

R.T.: 5.350 min
Delta R.T.: -0.005 min
Response: 18677483
Conc: 577.87 ng/ml m



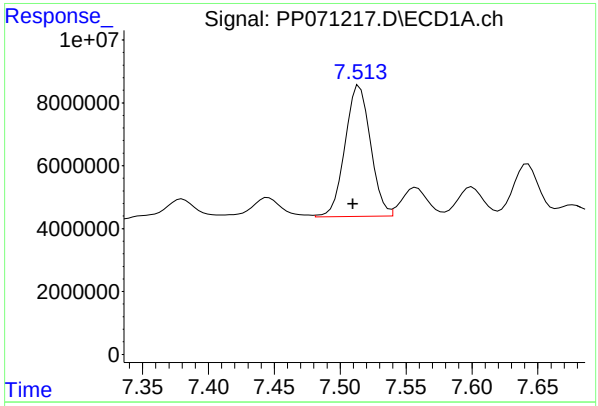
#31 AR-1260-1

R.T.: 7.259 min
Delta R.T.: 0.003 min
Response: 38001738
Conc: 565.90 ng/ml m



#31 AR-1260-1

R.T.: 6.386 min
Delta R.T.: -0.006 min
Response: 29516353
Conc: 576.42 ng/ml



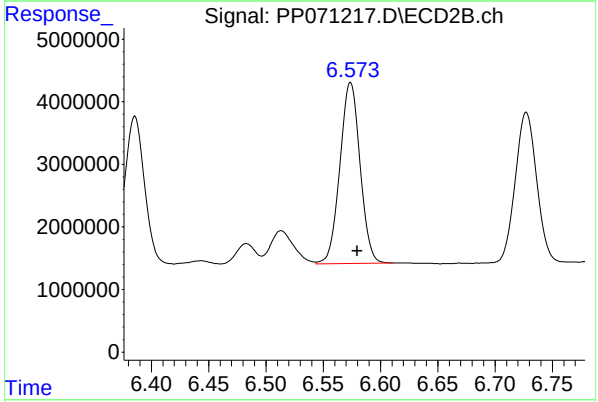
#32 AR-1260-2

R.T.: 7.515 min
Delta R.T.: 0.005 min
Response: 55990405
Conc: 582.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

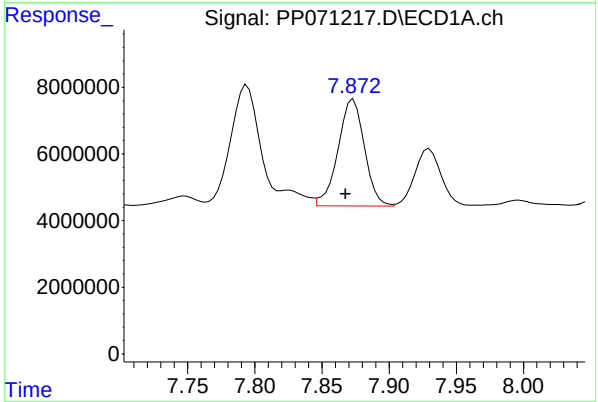
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/11/2025
Supervised By :mohammad ahmed 04/14/2025



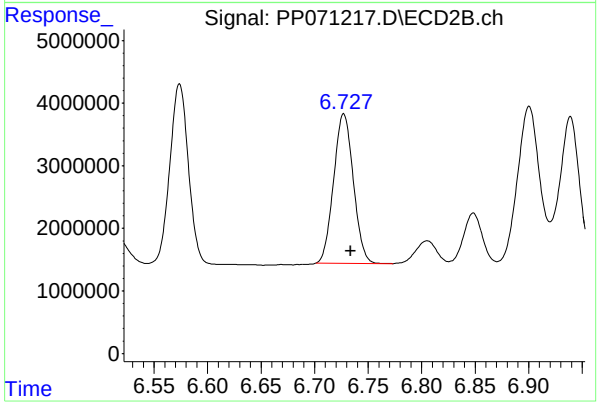
#32 AR-1260-2

R.T.: 6.574 min
Delta R.T.: -0.006 min
Response: 35260257
Conc: 552.72 ng/ml



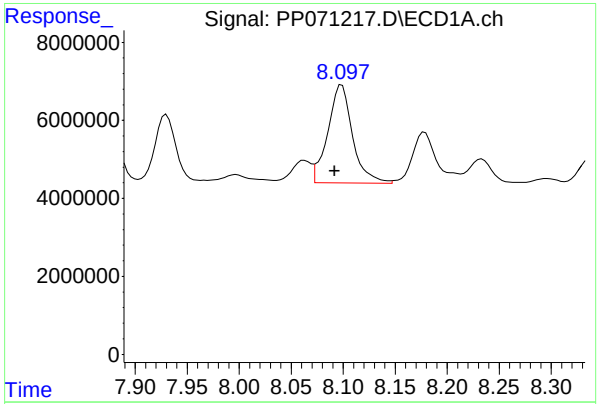
#33 AR-1260-3

R.T.: 7.873 min
Delta R.T.: 0.006 min
Response: 43900066
Conc: 549.31 ng/ml



#33 AR-1260-3

R.T.: 6.727 min
Delta R.T.: -0.006 min
Response: 30616282
Conc: 561.90 ng/ml



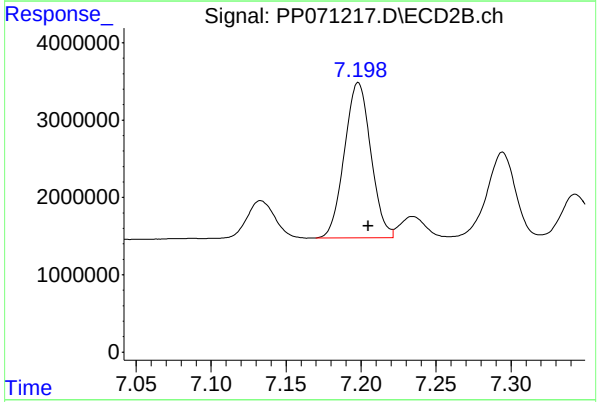
#34 AR-1260-4

R.T.: 8.099 min
Delta R.T.: 0.007 min
Response: 41714335
Conc: 529.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

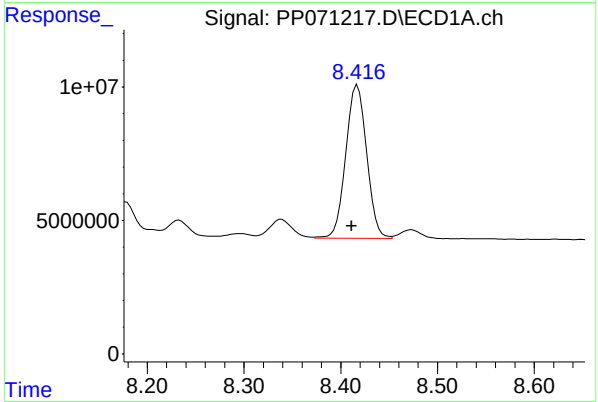
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/11/2025
Supervised By :mohammad ahmed 04/14/2025



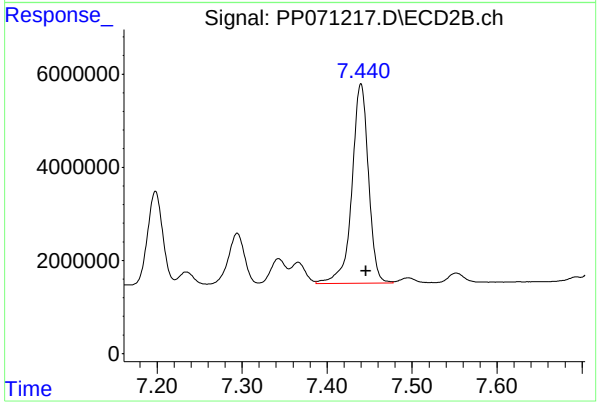
#34 AR-1260-4

R.T.: 7.198 min
Delta R.T.: -0.007 min
Response: 24641031
Conc: 515.22 ng/ml



#35 AR-1260-5

R.T.: 8.417 min
Delta R.T.: 0.006 min
Response: 86089807
Conc: 541.83 ng/ml



#35 AR-1260-5

R.T.: 7.440 min
Delta R.T.: -0.006 min
Response: 57900706
Conc: 465.03 ng/ml

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.:** Q1774 **SAS No.:** Q1774 **SDG NO.:** Q1774

Continuing Calib Date: 04/11/2025 **Initial Calibration Date(s):** 03/27/2025 03/27/2025

Continuing Calib Time: 09:37 **Initial Calibration Time(s):** 10:30 17:53

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)	5.68	5.66	5.56	5.76	-0.02
Aroclor-1016-2	(2)	5.70	5.69	5.59	5.79	-0.01
Aroclor-1016-3	(3)	5.76	5.75	5.65	5.85	-0.01
Aroclor-1016-4	(4)	5.86	5.85	5.75	5.95	-0.01
Aroclor-1016-5	(5)	6.15	6.14	6.04	6.24	-0.01
Aroclor-1260-1	(1)	7.27	7.26	7.16	7.36	-0.01
Aroclor-1260-2	(2)	7.52	7.51	7.41	7.61	-0.01
Aroclor-1260-3	(3)	7.88	7.87	7.77	7.97	-0.01
Aroclor-1260-4	(4)	8.11	8.09	7.99	8.19	-0.01
Aroclor-1260-5	(5)	8.43	8.41	8.31	8.51	-0.02
Tetrachloro-m-xylene		4.52	4.51	4.41	4.61	-0.01
Decachlorobiphenyl		10.25	10.23	10.13	10.33	-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.:** Q1774 **SAS No.:** Q1774 **SDG NO.:** Q1774

Continuing Calib Date: 04/11/2025 **Initial Calibration Date(s):** 03/27/2025 03/27/2025

Continuing Calib Time: 09:37 **Initial Calibration Time(s):** 10:30 17:53

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.90	4.90	4.80	5.00	0.00
Aroclor-1016-2	(2)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-3	(3)	5.10	5.10	5.00	5.20	0.00
Aroclor-1016-4	(4)	5.14	5.14	5.04	5.24	0.00
Aroclor-1016-5	(5)	5.35	5.36	5.26	5.46	0.01
Aroclor-1260-1	(1)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-2	(2)	6.58	6.58	6.48	6.68	0.00
Aroclor-1260-3	(3)	6.73	6.73	6.63	6.83	0.00
Aroclor-1260-4	(4)	7.20	7.21	7.11	7.31	0.01
Aroclor-1260-5	(5)	7.44	7.45	7.35	7.55	0.01
Tetrachloro-m-xylene		3.82	3.82	3.72	3.92	0.00
Decachlorobiphenyl		8.86	8.86	8.76	8.96	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: TETR06

Lab Code: CHEM **Case No.:** Q1774 **SAS No.:** Q1774 **SDG NO.:** Q1774

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/27/2025 03/27/2025

Client Sample No.: CCAL03 **Date Analyzed:** 04/11/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071223.D **Time Analyzed:** 09:37

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.675	5.563	5.763	449.470	500.000	-10.1
Aroclor-1016-2	5.697	5.585	5.785	424.640	500.000	-15.1
Aroclor-1016-3	5.759	5.648	5.848	452.500	500.000	-9.5
Aroclor-1016-4	5.856	5.745	5.945	464.800	500.000	-7.0
Aroclor-1016-5	6.149	6.038	6.238	483.520	500.000	-3.3
Aroclor-1260-1	7.269	7.156	7.356	518.500	500.000	3.7
Aroclor-1260-2	7.523	7.410	7.610	509.860	500.000	2.0
Aroclor-1260-3	7.881	7.768	7.968	472.810	500.000	-5.4
Aroclor-1260-4	8.105	7.992	8.192	453.220	500.000	-9.4
Aroclor-1260-5	8.426	8.311	8.511	467.610	500.000	-6.5
Decachlorobiphenyl	10.245	10.125	10.325	57.330	50.000	14.7
Tetrachloro-m-xylene	4.522	4.412	4.612	45.120	50.000	-9.8

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.:** Q1774 **SAS No.:** Q1774 **SDG NO.:** Q1774

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/27/2025 03/27/2025

Client Sample No.: CCAL03 **Date Analyzed:** 04/11/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071223.D **Time Analyzed:** 09:37

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.902	4.803	5.003	476.160	500.000	-4.8
Aroclor-1016-2	4.920	4.822	5.022	457.000	500.000	-8.6
Aroclor-1016-3	5.097	4.999	5.199	491.450	500.000	-1.7
Aroclor-1016-4	5.140	5.041	5.241	489.550	500.000	-2.1
Aroclor-1016-5	5.353	5.255	5.455	512.450	500.000	2.5
Aroclor-1260-1	6.388	6.292	6.492	505.110	500.000	1.0
Aroclor-1260-2	6.577	6.480	6.680	479.210	500.000	-4.2
Aroclor-1260-3	6.731	6.634	6.834	479.920	500.000	-4.0
Aroclor-1260-4	7.202	7.105	7.305	449.200	500.000	-10.2
Aroclor-1260-5	7.443	7.346	7.546	403.620	500.000	-19.3
Decachlorobiphenyl	8.855	8.759	8.959	48.360	50.000	-3.3
Tetrachloro-m-xylene	3.815	3.716	3.916	45.510	50.000	-9.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041125\
Data File : PP071223.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Apr 2025 09:37
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/14/2025
Supervised By :mohammad ahmed 04/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 00:14:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.522	3.815	65952870	47174410	45.125	45.507
2)	SA Decachlor...	10.245	8.855	60344629	38118909	57.328	48.362
	Target Compounds						
3)	L1 AR-1016-1	5.675	4.902	22855895	19088567	449.466m	476.164
4)	L1 AR-1016-2	5.697	4.920	33144370	26444346	424.636m	457.000
5)	L1 AR-1016-3	5.759	5.097	21346731	15197367	452.505m	491.454
6)	L1 AR-1016-4	5.856	5.140	17084242	11923406	464.805m	489.549
7)	L1 AR-1016-5	6.149	5.353	16397353	16562948	483.525m	512.449m
31)	L7 AR-1260-1	7.269	6.388	34818406	25864613	518.495	505.106
32)	L7 AR-1260-2	7.523	6.577	49016263	30570732	509.862	479.211
33)	L7 AR-1260-3	7.881	6.731	37786325	26149256	472.813	479.919
34)	L7 AR-1260-4	8.105	7.202	35684992	21483417	453.218	449.197
35)	L7 AR-1260-5	8.426	7.443	74296224	50254945	467.607	403.621

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041125\
Data File : PP071223.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Apr 2025 09:37
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

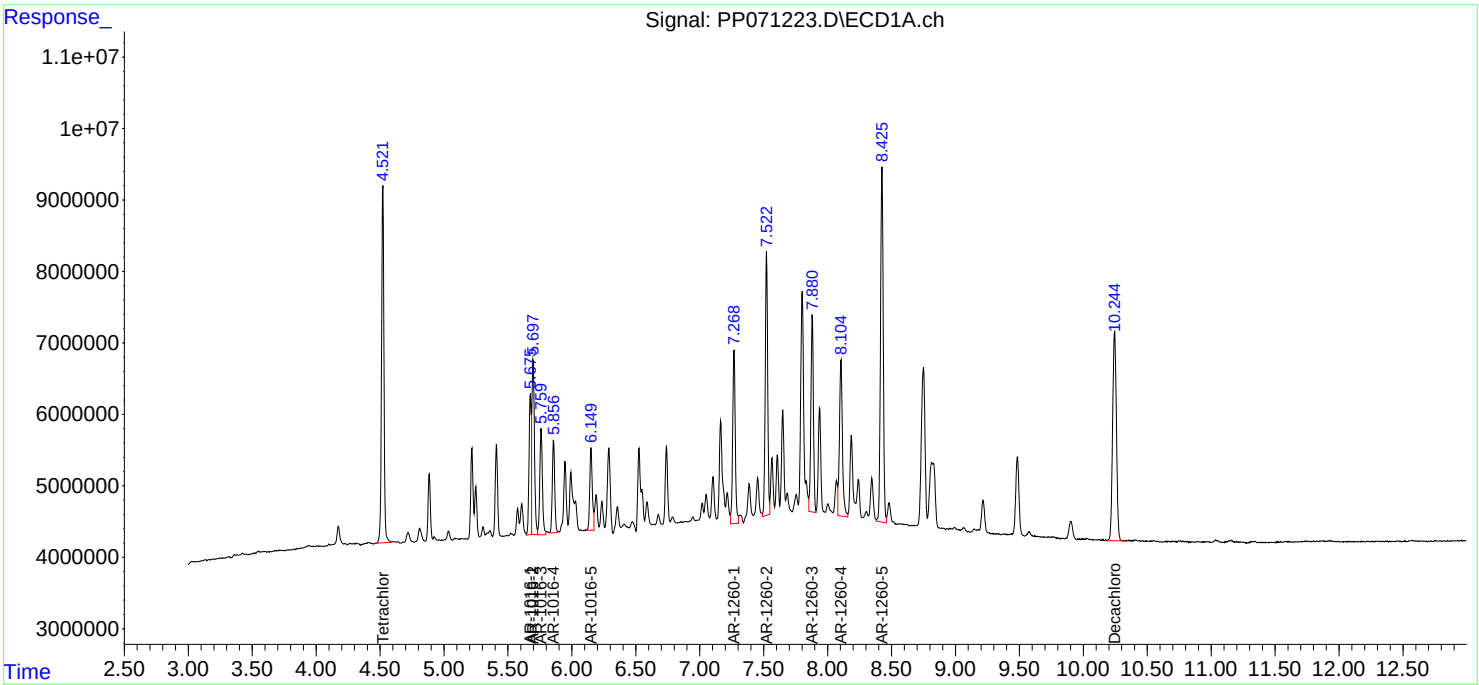
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

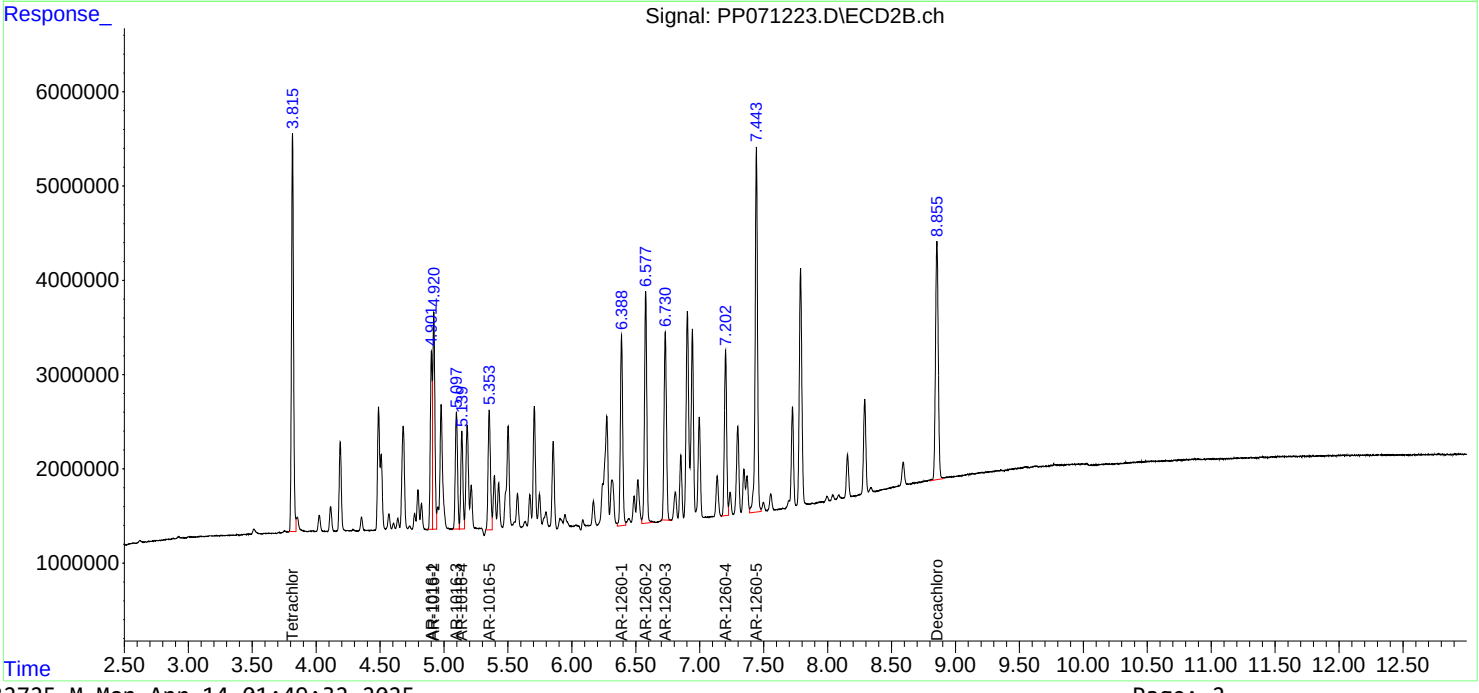
Manual Integrations APPROVED

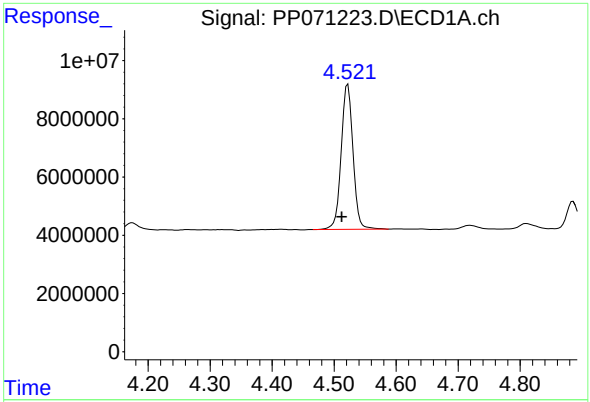
Reviewed By :Yogesh Patel 04/14/2025
Supervised By :mohammad ahmed 04/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 00:14:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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







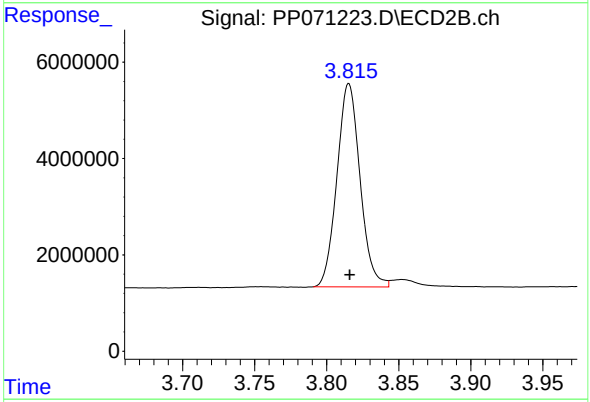
#1 Tetrachloro-m-xylene

R.T.: 4.522 min
Delta R.T.: 0.010 min
Response: 65952870
Conc: 45.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

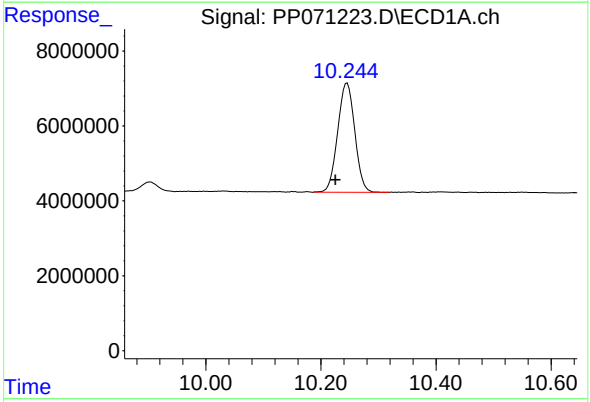
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



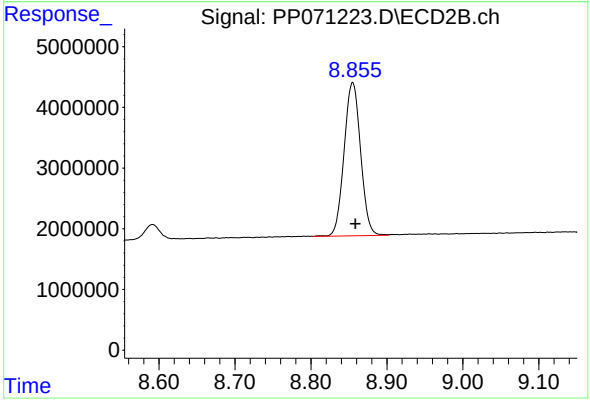
#1 Tetrachloro-m-xylene

R.T.: 3.815 min
Delta R.T.: 0.000 min
Response: 47174410
Conc: 45.51 ng/ml



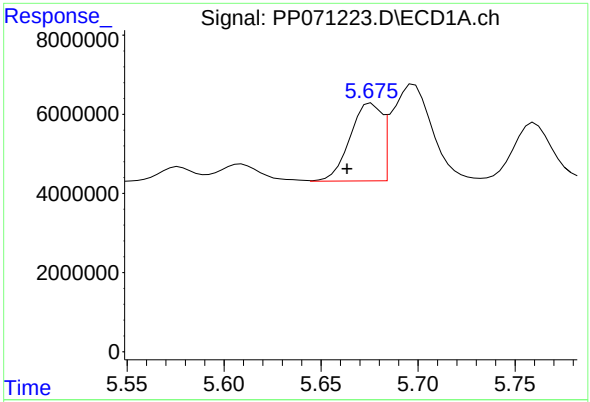
#2 Decachlorobiphenyl

R.T.: 10.245 min
Delta R.T.: 0.020 min
Response: 60344629
Conc: 57.33 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.855 min
Delta R.T.: -0.004 min
Response: 38118909
Conc: 48.36 ng/ml



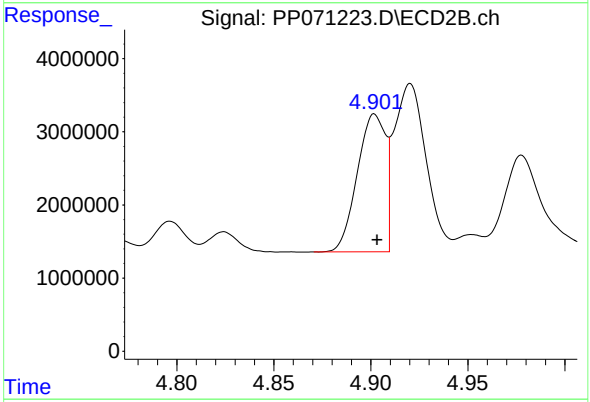
#3 AR-1016-1

R.T.: 5.675 min
Delta R.T.: 0.011 min
Response: 22855895
Conc: 449.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

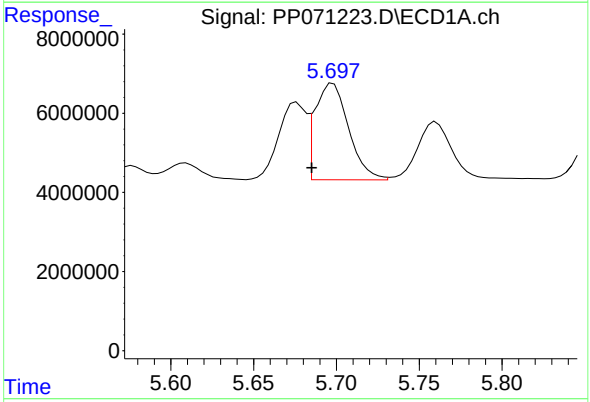
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



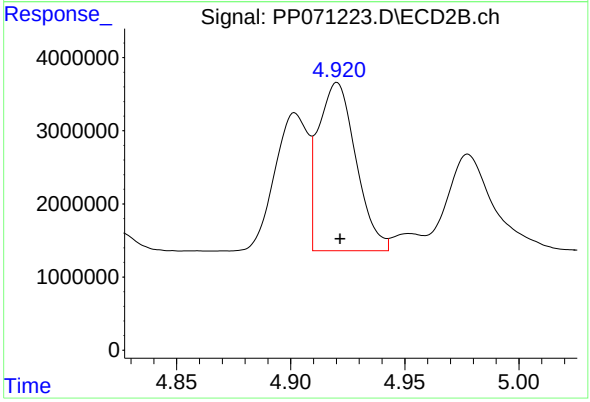
#3 AR-1016-1

R.T.: 4.902 min
Delta R.T.: -0.001 min
Response: 19088567
Conc: 476.16 ng/ml



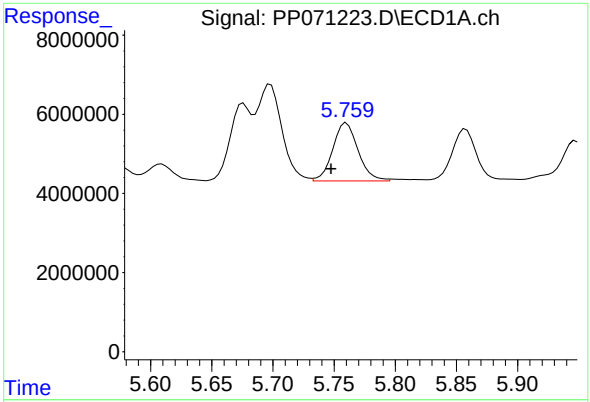
#4 AR-1016-2

R.T.: 5.697 min
Delta R.T.: 0.011 min
Response: 33144370
Conc: 424.64 ng/ml m



#4 AR-1016-2

R.T.: 4.920 min
Delta R.T.: -0.001 min
Response: 26444346
Conc: 457.00 ng/ml



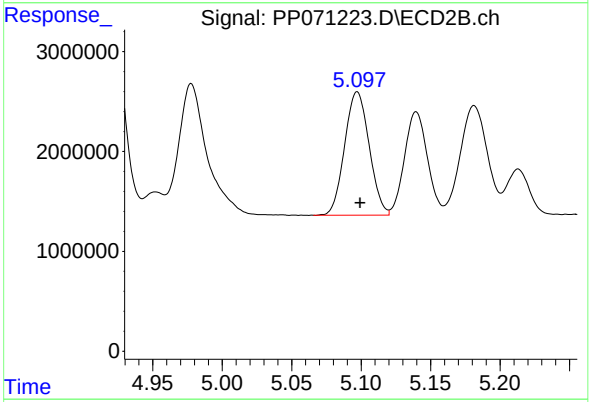
#5 AR-1016-3

R.T.: 5.759 min
Delta R.T.: 0.011 min
Response: 21346731
Conc: 452.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

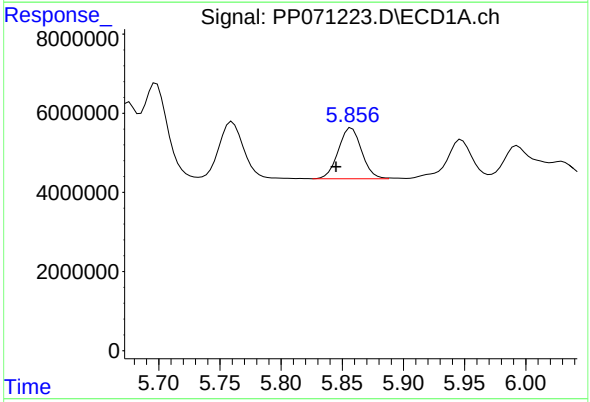
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



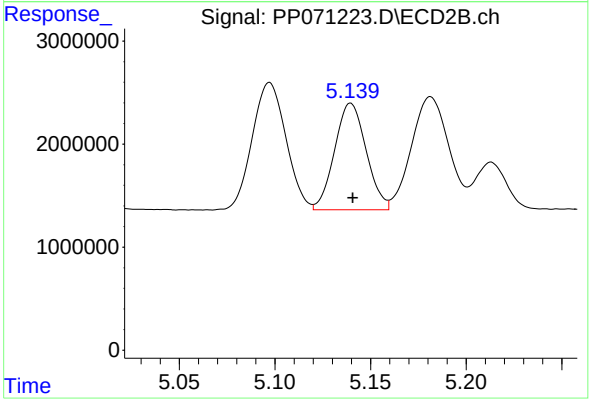
#5 AR-1016-3

R.T.: 5.097 min
Delta R.T.: -0.002 min
Response: 15197367
Conc: 491.45 ng/ml



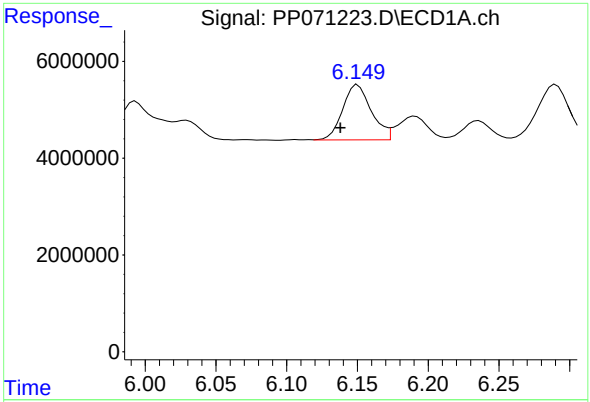
#6 AR-1016-4

R.T.: 5.856 min
Delta R.T.: 0.011 min
Response: 17084242
Conc: 464.80 ng/ml m



#6 AR-1016-4

R.T.: 5.140 min
Delta R.T.: 0.000 min
Response: 11923406
Conc: 489.55 ng/ml



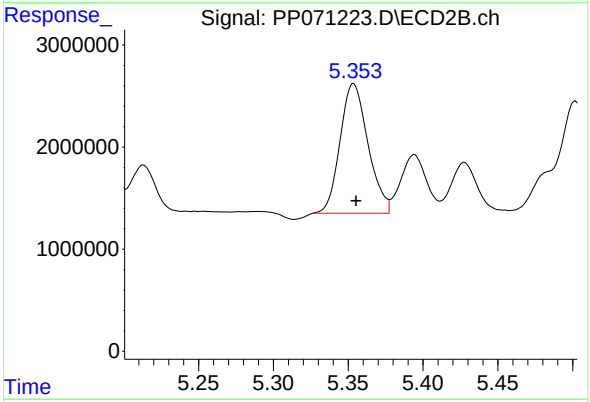
#7 AR-1016-5

R.T.: 6.149 min
Delta R.T.: 0.011 min
Response: 16397353
Conc: 483.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

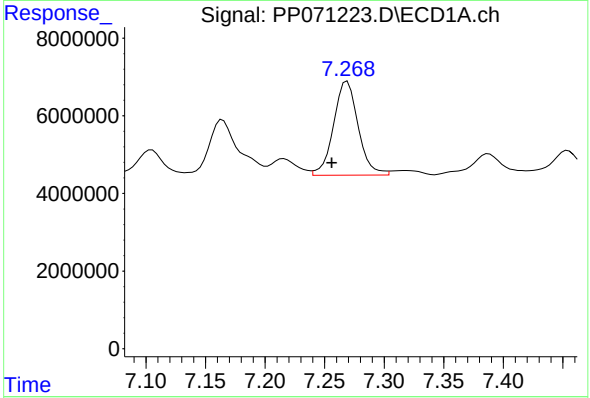
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



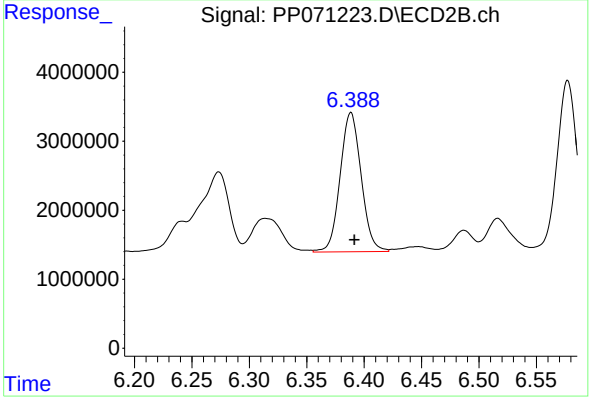
#7 AR-1016-5

R.T.: 5.353 min
Delta R.T.: -0.002 min
Response: 16562948
Conc: 512.45 ng/ml m



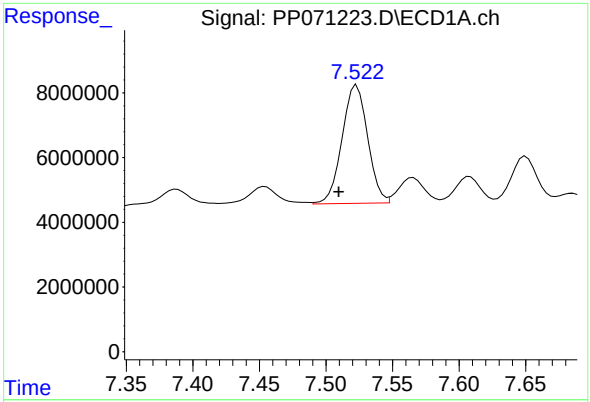
#31 AR-1260-1

R.T.: 7.269 min
Delta R.T.: 0.013 min
Response: 34818406
Conc: 518.50 ng/ml



#31 AR-1260-1

R.T.: 6.388 min
Delta R.T.: -0.003 min
Response: 25864613
Conc: 505.11 ng/ml



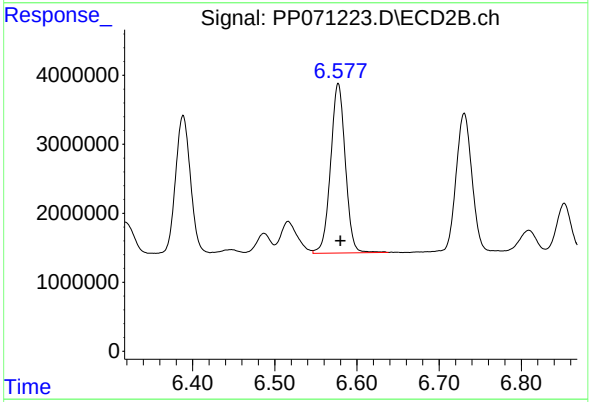
#32 AR-1260-2

R.T.: 7.523 min
Delta R.T.: 0.014 min
Response: 49016263
Conc: 509.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

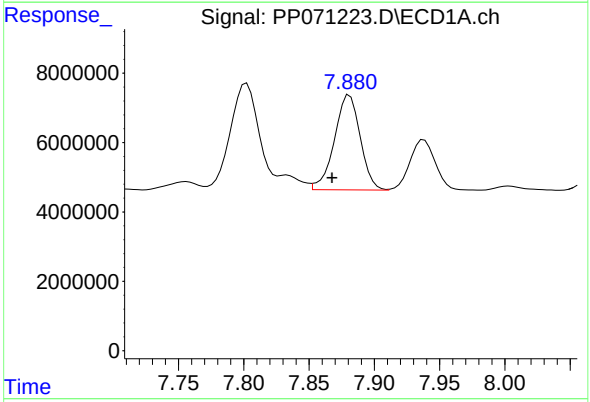
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



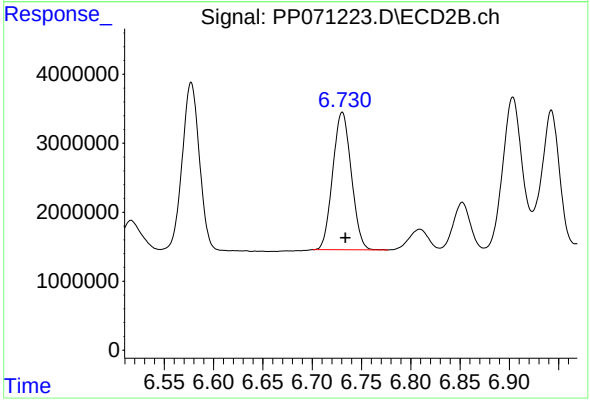
#32 AR-1260-2

R.T.: 6.577 min
Delta R.T.: -0.003 min
Response: 30570732
Conc: 479.21 ng/ml



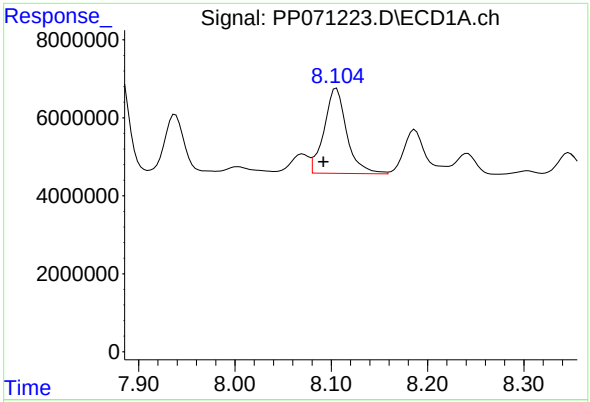
#33 AR-1260-3

R.T.: 7.881 min
Delta R.T.: 0.013 min
Response: 37786325
Conc: 472.81 ng/ml



#33 AR-1260-3

R.T.: 6.731 min
Delta R.T.: -0.003 min
Response: 26149256
Conc: 479.92 ng/ml



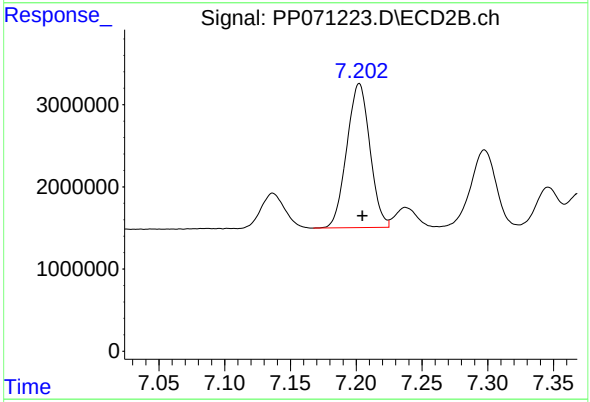
#34 AR-1260-4

R.T.: 8.105 min
Delta R.T.: 0.014 min
Response: 35684992
Conc: 453.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

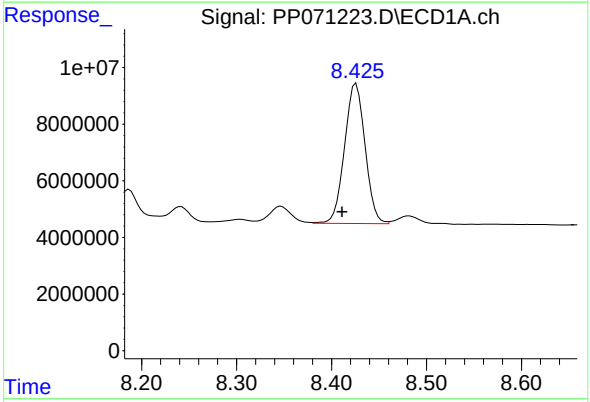
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



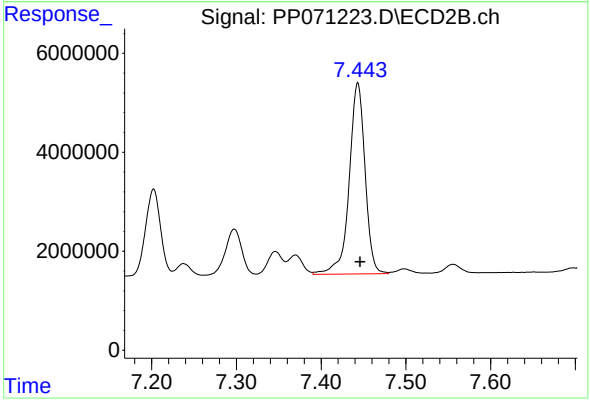
#34 AR-1260-4

R.T.: 7.202 min
Delta R.T.: -0.002 min
Response: 21483417
Conc: 449.20 ng/ml



#35 AR-1260-5

R.T.: 8.426 min
Delta R.T.: 0.015 min
Response: 74296224
Conc: 467.61 ng/ml



#35 AR-1260-5

R.T.: 7.443 min
Delta R.T.: -0.003 min
Response: 50254945
Conc: 403.62 ng/ml

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.:** Q1774 **SAS No.:** Q1774 **SDG NO.:** Q1774

Continuing Calib Date: 04/11/2025 **Initial Calibration Date(s):** 03/27/2025 03/27/2025

Continuing Calib Time: 17:35 **Initial Calibration Time(s):** 10:30 17:53

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.67	5.66	5.56	5.76	-0.01
Aroclor-1016-2	(2)	5.69	5.69	5.59	5.79	0.00
Aroclor-1016-3	(3)	5.75	5.75	5.65	5.85	0.00
Aroclor-1016-4	(4)	5.85	5.85	5.75	5.95	0.00
Aroclor-1016-5	(5)	6.14	6.14	6.04	6.24	0.00
Aroclor-1260-1	(1)	7.26	7.26	7.16	7.36	0.00
Aroclor-1260-2	(2)	7.52	7.51	7.41	7.61	-0.01
Aroclor-1260-3	(3)	7.87	7.87	7.77	7.97	0.00
Aroclor-1260-4	(4)	8.10	8.09	7.99	8.19	-0.01
Aroclor-1260-5	(5)	8.42	8.41	8.31	8.51	-0.01
Tetrachloro-m-xylene		4.52	4.51	4.41	4.61	0.00
Decachlorobiphenyl		10.24	10.23	10.13	10.33	0.00

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: TETR06

Lab Code: CHEM **Case No.:** Q1774 **SAS No.:** Q1774 **SDG NO.:** Q1774

Continuing Calib Date: 04/11/2025 **Initial Calibration Date(s):** 03/27/2025 03/27/2025

Continuing Calib Time: 17:35 **Initial Calibration Time(s):** 10:30 17:53

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.90	4.90	4.80	5.00	0.00
Aroclor-1016-2	(2)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-3	(3)	5.10	5.10	5.00	5.20	0.01
Aroclor-1016-4	(4)	5.14	5.14	5.04	5.24	0.00
Aroclor-1016-5	(5)	5.35	5.36	5.26	5.46	0.01
Aroclor-1260-1	(1)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-2	(2)	6.58	6.58	6.48	6.68	0.01
Aroclor-1260-3	(3)	6.73	6.73	6.63	6.83	0.00
Aroclor-1260-4	(4)	7.20	7.21	7.11	7.31	0.01
Aroclor-1260-5	(5)	7.44	7.45	7.35	7.55	0.01
Tetrachloro-m-xylene		3.81	3.82	3.72	3.92	0.01
Decachlorobiphenyl		8.85	8.86	8.76	8.96	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: TETR06

Lab Code: CHEM **Case No.:** Q1774 **SAS No.:** Q1774 **SDG NO.:** Q1774

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/27/2025 03/27/2025

Client Sample No.: CCAL04 **Date Analyzed:** 04/11/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071238.D **Time Analyzed:** 17:35

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.669	5.563	5.763	442.660	500.000	-11.5
Aroclor-1016-2	5.690	5.585	5.785	440.100	500.000	-12.0
Aroclor-1016-3	5.753	5.648	5.848	437.600	500.000	-12.5
Aroclor-1016-4	5.850	5.745	5.945	466.950	500.000	-6.6
Aroclor-1016-5	6.143	6.038	6.238	466.850	500.000	-6.6
Aroclor-1260-1	7.261	7.156	7.356	511.350	500.000	2.3
Aroclor-1260-2	7.516	7.410	7.610	496.050	500.000	-0.8
Aroclor-1260-3	7.874	7.768	7.968	476.890	500.000	-4.6
Aroclor-1260-4	8.099	7.992	8.192	472.230	500.000	-5.6
Aroclor-1260-5	8.419	8.311	8.511	474.190	500.000	-5.2
Decachlorobiphenyl	10.235	10.125	10.325	56.640	50.000	13.3
Tetrachloro-m-xylene	4.515	4.412	4.612	44.100	50.000	-11.8

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.:** Q1774 **SAS No.:** Q1774 **SDG NO.:** Q1774

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 03/27/2025 03/27/2025

Client Sample No.: CCAL04 **Date Analyzed:** 04/11/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071238.D **Time Analyzed:** 17:35

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.900	4.803	5.003	479.110	500.000	-4.2
Aroclor-1016-2	4.918	4.822	5.022	470.400	500.000	-5.9
Aroclor-1016-3	5.095	4.999	5.199	496.310	500.000	-0.7
Aroclor-1016-4	5.137	5.041	5.241	487.780	500.000	-2.4
Aroclor-1016-5	5.351	5.255	5.455	514.420	500.000	2.9
Aroclor-1260-1	6.387	6.292	6.492	499.880	500.000	0.0
Aroclor-1260-2	6.575	6.480	6.680	489.430	500.000	-2.1
Aroclor-1260-3	6.728	6.634	6.834	484.790	500.000	-3.0
Aroclor-1260-4	7.199	7.105	7.305	452.950	500.000	-9.4
Aroclor-1260-5	7.441	7.346	7.546	405.910	500.000	-18.8
Decachlorobiphenyl	8.851	8.759	8.959	48.600	50.000	-2.8
Tetrachloro-m-xylene	3.814	3.716	3.916	46.810	50.000	-6.4

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041125\
Data File : PP071238.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Apr 2025 17:35
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/14/2025
Supervised By :mohammad ahmed 04/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 00:18:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.515	3.814	64448627	48526740	44.095	46.811
2)	SA Decachlor...	10.235	8.851	59619365	38306113	56.639	48.600
	Target Compounds						
3)	L1 AR-1016-1	5.669	4.900	22509867	19206787	442.661	479.113
4)	L1 AR-1016-2	5.690	4.918	34351689	27219508	440.104	470.396
5)	L1 AR-1016-3	5.753	5.095	20643774	15347502	437.604	496.309
6)	L1 AR-1016-4	5.850	5.137	17163122	11880224	466.951	487.776
7)	L1 AR-1016-5	6.143	5.351	15832006	16626632	466.854	514.419m
31)	L7 AR-1260-1	7.261	6.387	34338269	25596998	511.345	499.880
32)	L7 AR-1260-2	7.516	6.575	47687994	31222754	496.045	489.432
33)	L7 AR-1260-3	7.874	6.728	38112360	26414740	476.892	484.791
34)	L7 AR-1260-4	8.099	7.199	37182072	21663016	472.232	452.952
35)	L7 AR-1260-5	8.419	7.441	75342914	50540500	474.194	405.914

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041125\
Data File : PP071238.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Apr 2025 17:35
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 4 Sample Multiplier: 1

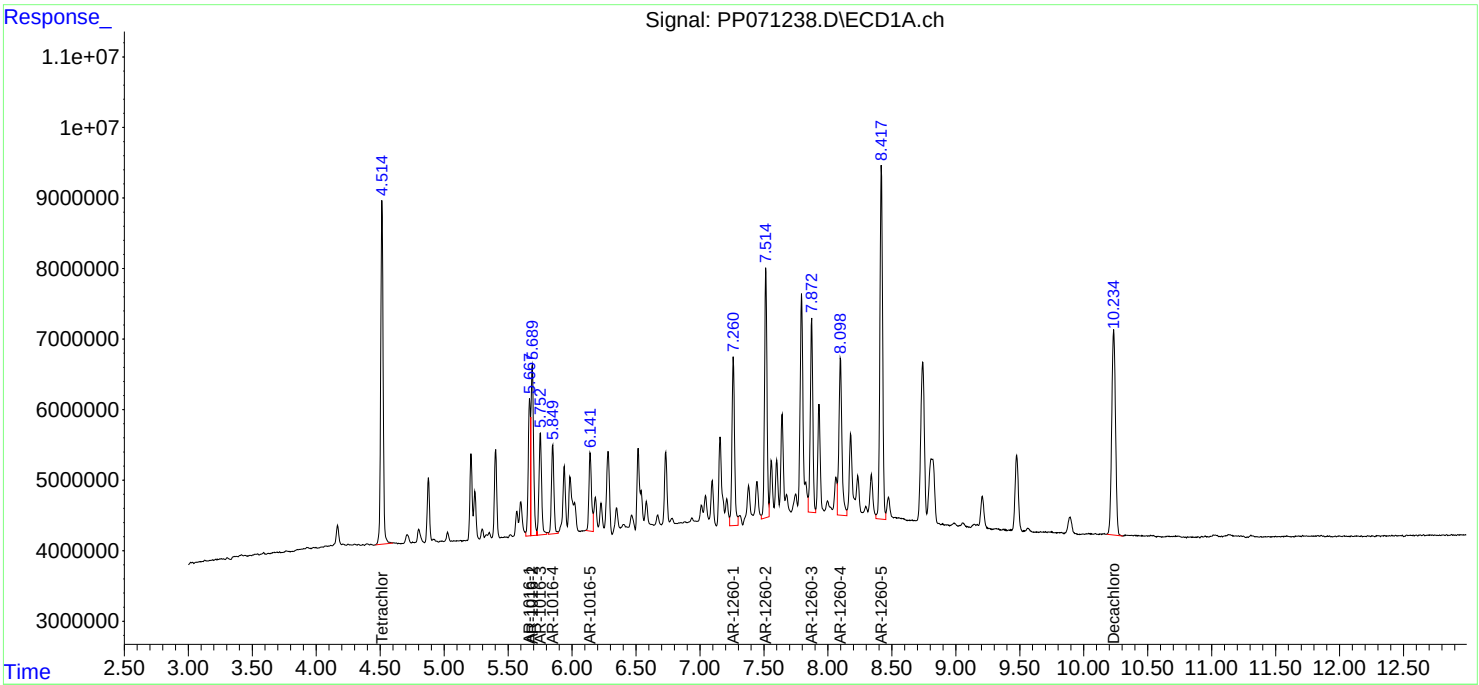
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

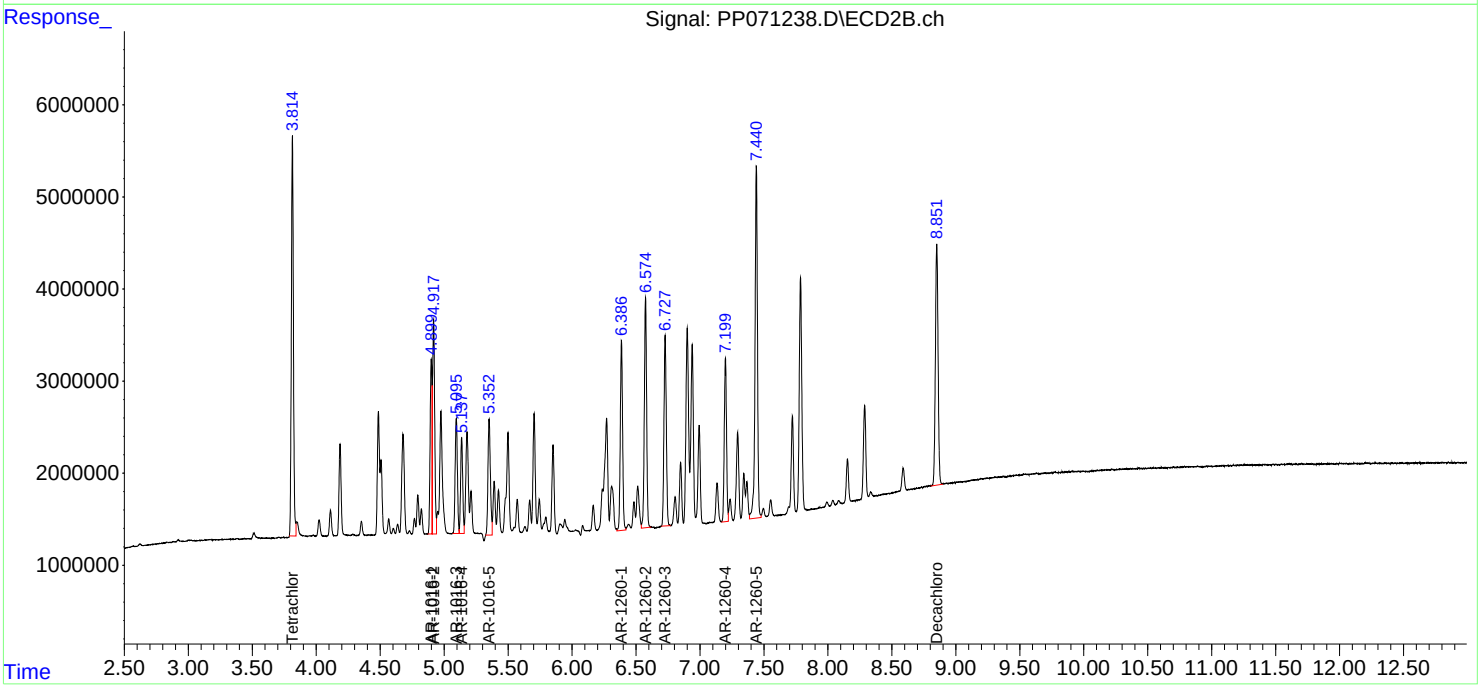
Manual Integrations APPROVED

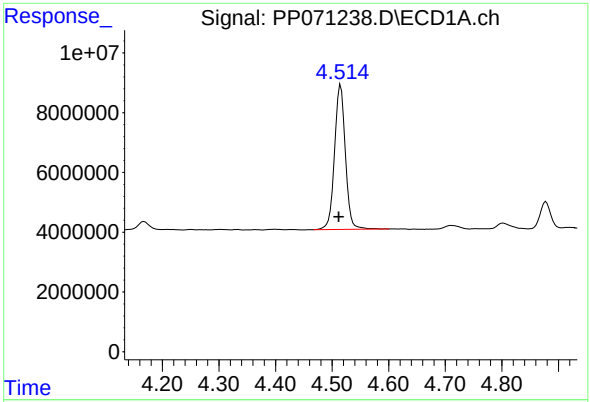
Reviewed By :Yogesh Patel 04/14/2025
Supervised By :mohammad ahmed 04/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 00:18:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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







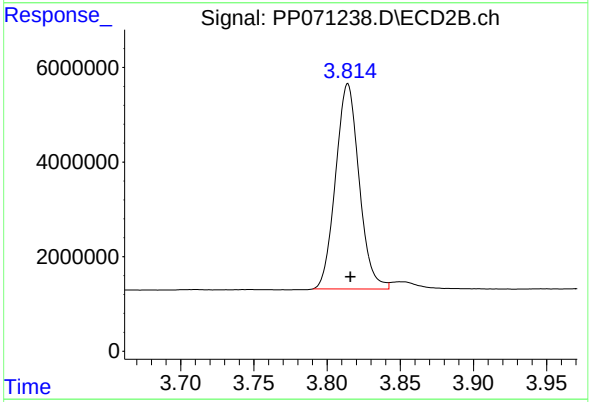
#1 Tetrachloro-m-xylene

R.T.: 4.515 min
Delta R.T.: 0.003 min
Response: 64448627
Conc: 44.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

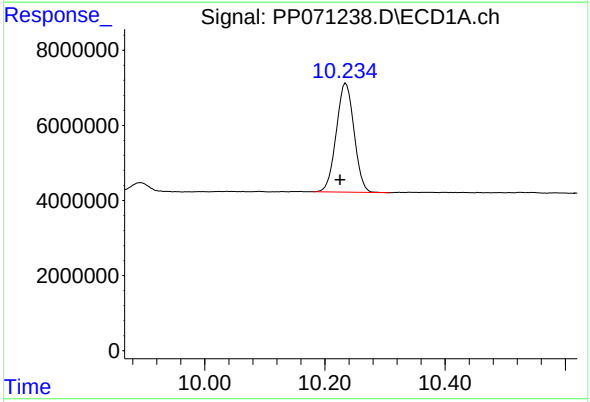
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



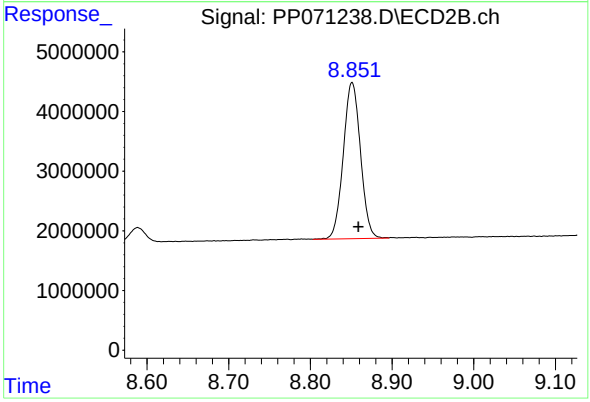
#1 Tetrachloro-m-xylene

R.T.: 3.814 min
Delta R.T.: -0.002 min
Response: 48526740
Conc: 46.81 ng/ml



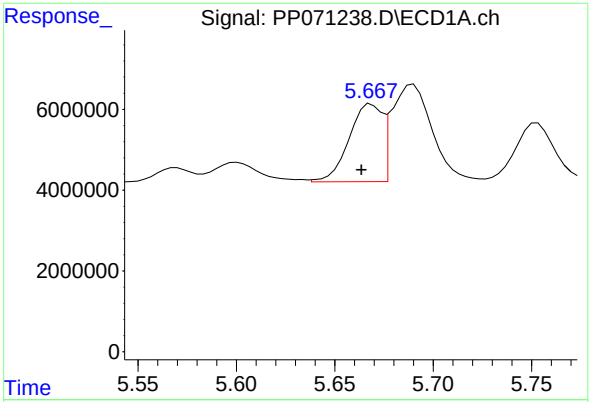
#2 Decachlorobiphenyl

R.T.: 10.235 min
Delta R.T.: 0.010 min
Response: 59619365
Conc: 56.64 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.851 min
Delta R.T.: -0.008 min
Response: 38306113
Conc: 48.60 ng/ml



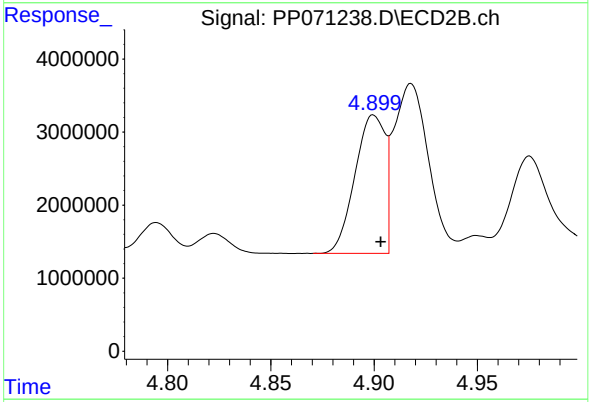
#3 AR-1016-1

R.T.: 5.669 min
Delta R.T.: 0.005 min
Response: 22509867
Conc: 442.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

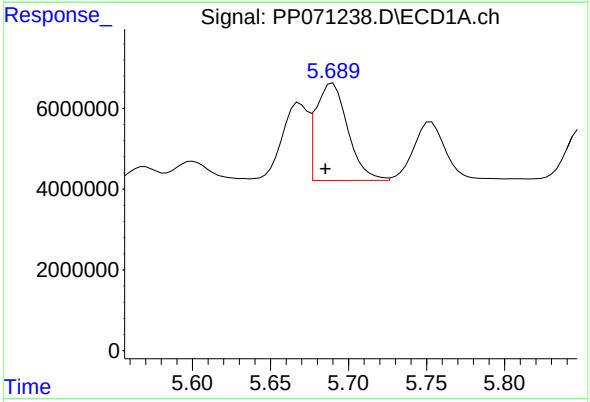
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



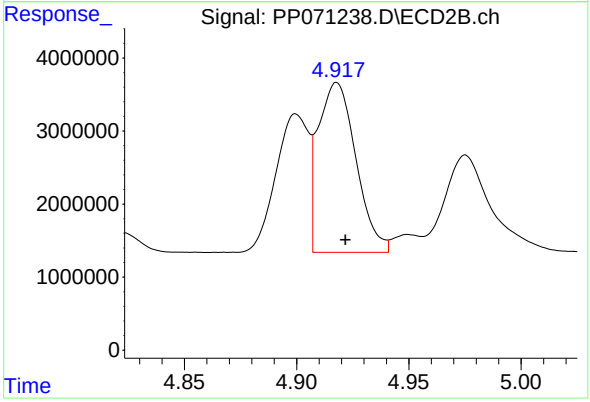
#3 AR-1016-1

R.T.: 4.900 min
Delta R.T.: -0.003 min
Response: 19206787
Conc: 479.11 ng/ml



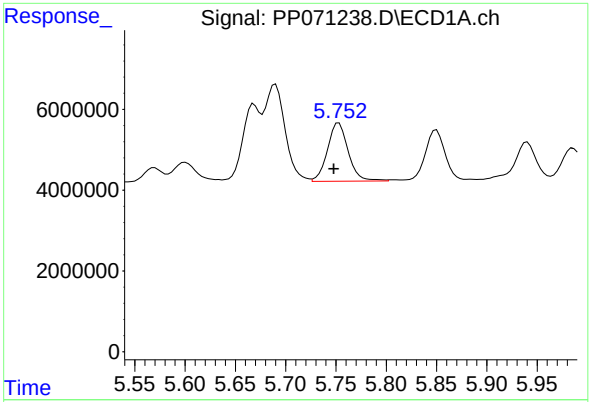
#4 AR-1016-2

R.T.: 5.690 min
Delta R.T.: 0.005 min
Response: 34351689
Conc: 440.10 ng/ml



#4 AR-1016-2

R.T.: 4.918 min
Delta R.T.: -0.004 min
Response: 27219508
Conc: 470.40 ng/ml



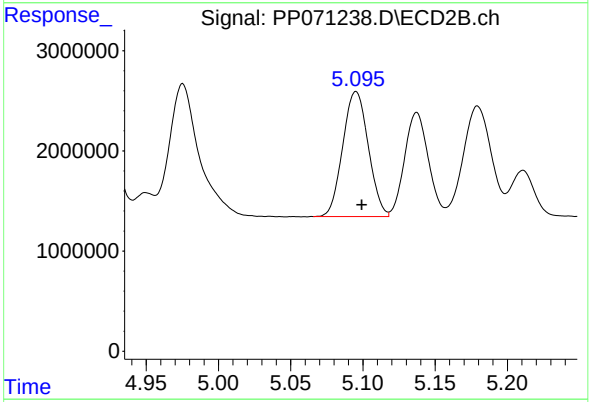
#5 AR-1016-3

R.T.: 5.753 min
Delta R.T.: 0.005 min
Response: 20643774
Conc: 437.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

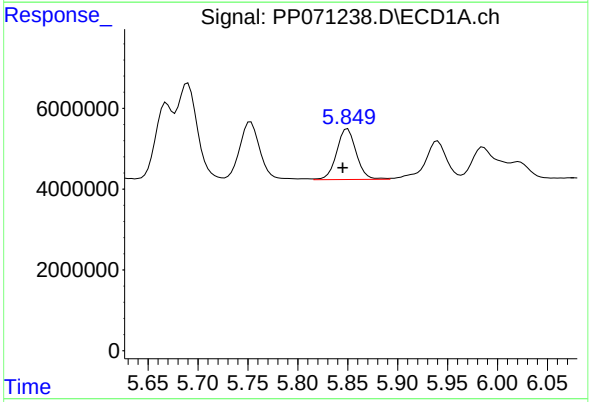
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



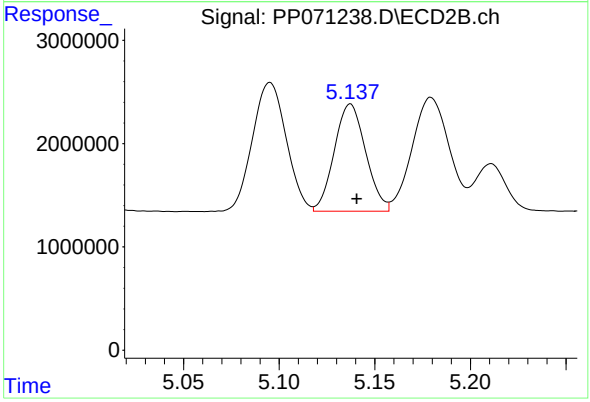
#5 AR-1016-3

R.T.: 5.095 min
Delta R.T.: -0.004 min
Response: 15347502
Conc: 496.31 ng/ml



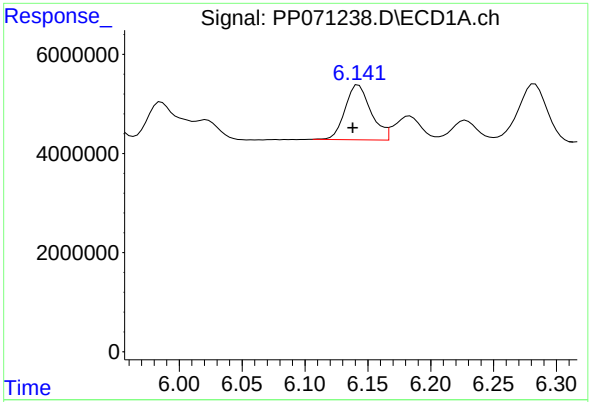
#6 AR-1016-4

R.T.: 5.850 min
Delta R.T.: 0.005 min
Response: 17163122
Conc: 466.95 ng/ml



#6 AR-1016-4

R.T.: 5.137 min
Delta R.T.: -0.003 min
Response: 11880224
Conc: 487.78 ng/ml



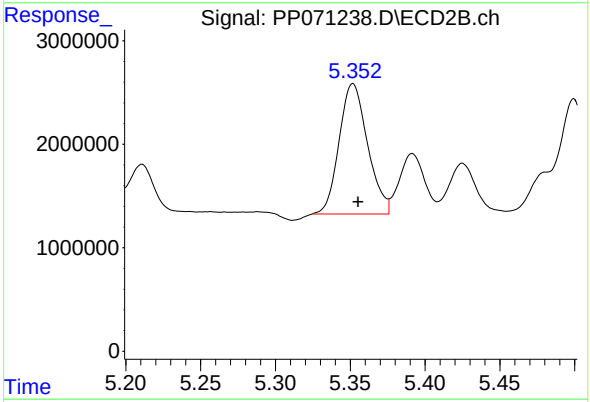
#7 AR-1016-5

R.T.: 6.143 min
Delta R.T.: 0.005 min
Response: 15832006
Conc: 466.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

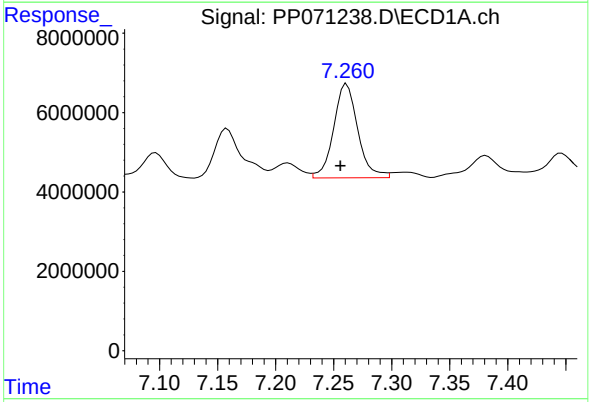
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



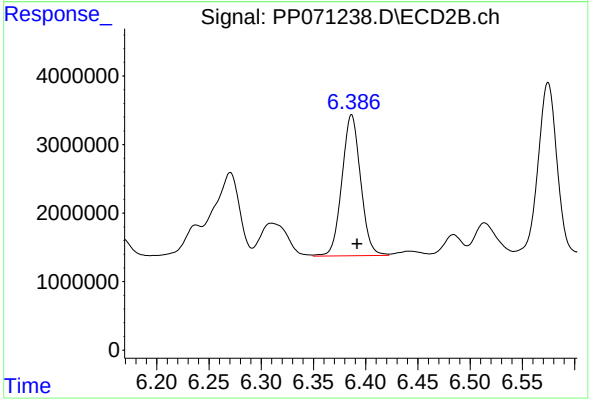
#7 AR-1016-5

R.T.: 5.351 min
Delta R.T.: -0.004 min
Response: 16626632
Conc: 514.42 ng/ml m



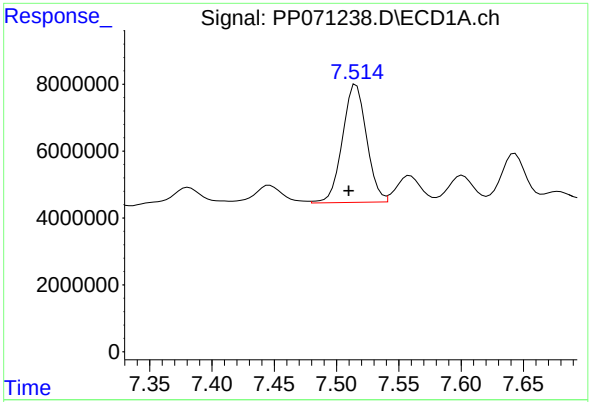
#31 AR-1260-1

R.T.: 7.261 min
Delta R.T.: 0.005 min
Response: 34338269
Conc: 511.35 ng/ml



#31 AR-1260-1

R.T.: 6.387 min
Delta R.T.: -0.005 min
Response: 25596998
Conc: 499.88 ng/ml



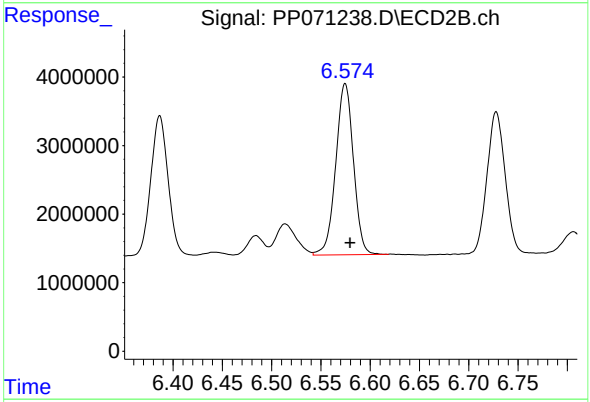
#32 AR-1260-2

R.T.: 7.516 min
Delta R.T.: 0.006 min
Response: 47687994
Conc: 496.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

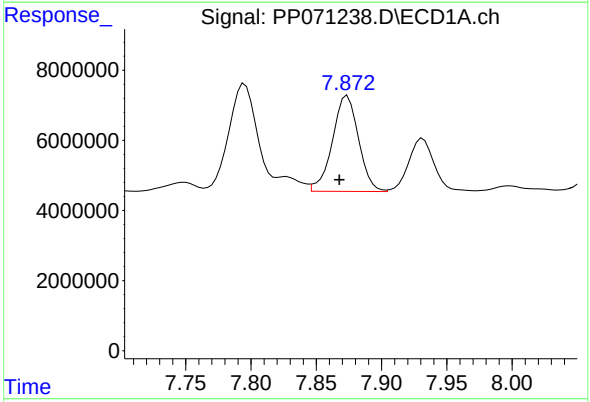
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



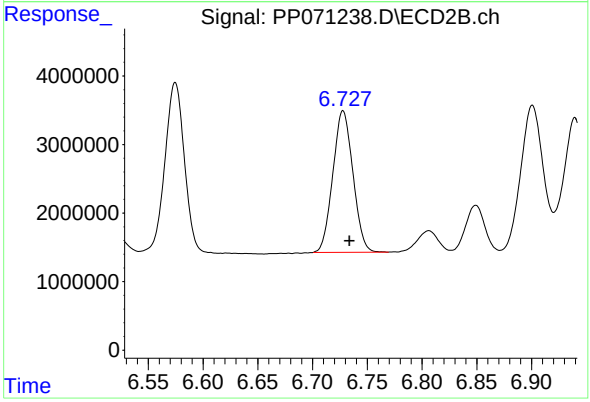
#32 AR-1260-2

R.T.: 6.575 min
Delta R.T.: -0.005 min
Response: 31222754
Conc: 489.43 ng/ml



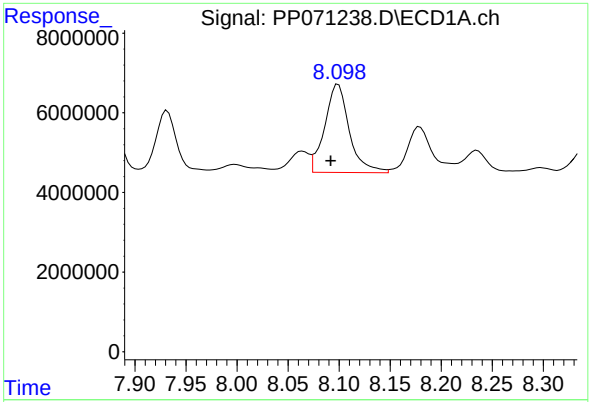
#33 AR-1260-3

R.T.: 7.874 min
Delta R.T.: 0.006 min
Response: 38112360
Conc: 476.89 ng/ml



#33 AR-1260-3

R.T.: 6.728 min
Delta R.T.: -0.006 min
Response: 26414740
Conc: 484.79 ng/ml



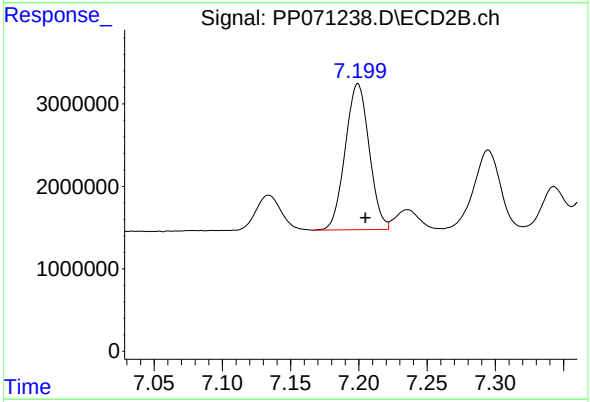
#34 AR-1260-4

R.T.: 8.099 min
Delta R.T.: 0.007 min
Response: 37182072
Conc: 472.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

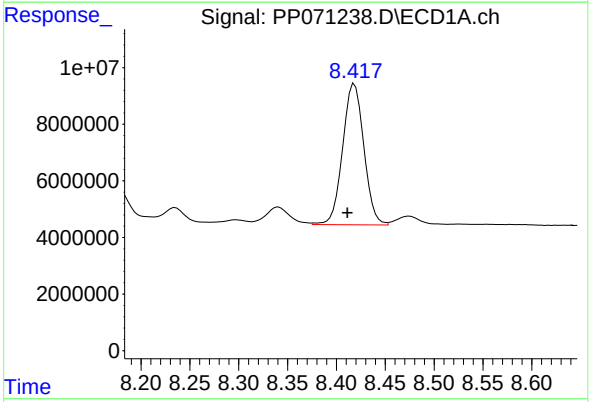
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



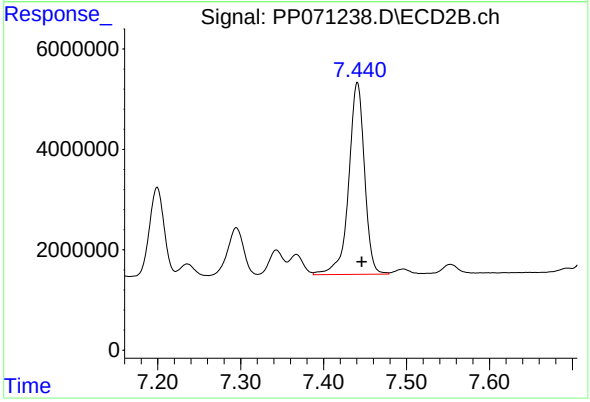
#34 AR-1260-4

R.T.: 7.199 min
Delta R.T.: -0.005 min
Response: 21663016
Conc: 452.95 ng/ml



#35 AR-1260-5

R.T.: 8.419 min
Delta R.T.: 0.007 min
Response: 75342914
Conc: 474.19 ng/ml



#35 AR-1260-5

R.T.: 7.441 min
Delta R.T.: -0.005 min
Response: 50540500
Conc: 405.91 ng/ml

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

Analytical Sequence

Client: Tetra Tech NUS, Inc. **SDG No.:** Q1774

Project: CTO WE13 **Instrument ID:** ECD_P

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 03/27/2025 03/27/2025

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	03/27/2025	10:14	PP070916.D	10.23	4.51
AR1660ICC1000	AR1660ICC1000	03/27/2025	10:30	PP070917.D	10.23	4.51
AR1660ICC750	AR1660ICC750	03/27/2025	10:47	PP070918.D	10.23	4.52
AR1660ICC500	AR1660ICC500	03/27/2025	11:03	PP070919.D	10.23	4.51
AR1660ICC250	AR1660ICC250	03/27/2025	11:19	PP070920.D	10.23	4.52
AR1660ICC050	AR1660ICC050	03/27/2025	11:35	PP070921.D	10.23	4.51
AR1221ICC500	AR1221ICC500	03/27/2025	11:52	PP070922.D	10.23	4.52
AR1232ICC500	AR1232ICC500	03/27/2025	12:11	PP070923.D	10.23	4.52
AR1242ICC1000	AR1242ICC1000	03/27/2025	12:28	PP070924.D	10.23	4.51
AR1242ICC750	AR1242ICC750	03/27/2025	12:44	PP070925.D	10.23	4.51
AR1242ICC500	AR1242ICC500	03/27/2025	13:00	PP070926.D	10.23	4.51
AR1242ICC250	AR1242ICC250	03/27/2025	13:16	PP070927.D	10.23	4.51
AR1242ICC050	AR1242ICC050	03/27/2025	13:33	PP070928.D	10.23	4.51
AR1248ICC1000	AR1248ICC1000	03/27/2025	13:49	PP070929.D	10.23	4.51
AR1248ICC750	AR1248ICC750	03/27/2025	14:05	PP070930.D	10.23	4.51
AR1248ICC500	AR1248ICC500	03/27/2025	14:22	PP070931.D	10.23	4.51
AR1248ICC250	AR1248ICC250	03/27/2025	14:38	PP070932.D	10.23	4.52
AR1248ICC050	AR1248ICC050	03/27/2025	14:55	PP070933.D	10.23	4.51
AR1254ICC1000	AR1254ICC1000	03/27/2025	15:11	PP070934.D	10.23	4.51
AR1254ICC750	AR1254ICC750	03/27/2025	15:27	PP070935.D	10.23	4.51
AR1254ICC500	AR1254ICC500	03/27/2025	15:43	PP070936.D	10.23	4.51
AR1254ICC250	AR1254ICC250	03/27/2025	16:00	PP070937.D	10.23	4.51
AR1254ICC050	AR1254ICC050	03/27/2025	16:16	PP070938.D	10.23	4.52
AR1262ICC500	AR1262ICC500	03/27/2025	16:32	PP070939.D	10.23	4.51
AR1268ICC1000	AR1268ICC1000	03/27/2025	16:48	PP070940.D	10.23	4.52
AR1268ICC750	AR1268ICC750	03/27/2025	17:05	PP070941.D	10.23	4.51
AR1268ICC500	AR1268ICC500	03/27/2025	17:21	PP070942.D	10.23	4.51
AR1268ICC250	AR1268ICC250	03/27/2025	17:37	PP070943.D	10.23	4.52
AR1268ICC050	AR1268ICC050	03/27/2025	17:53	PP070944.D	10.23	4.51
AR1660CCC500	AR1660CCC500	04/10/2025	16:34	PP071206.D	10.23	4.52
I.BLK	I.BLK	04/10/2025	18:11	PP071210.D	10.23	4.51
PB167553BL	PB167553BL	04/10/2025	18:44	PP071211.D	10.23	4.52
TT-073-IDWGW-20250409	Q1774-02	04/10/2025	19:33	PP071214.D	10.23	4.52
TT-074-IDWGW-20250409	Q1774-03	04/10/2025	19:49	PP071215.D	10.23	4.52
TT-075-IDWGW-20250409	Q1774-04	04/10/2025	20:05	PP071216.D	10.23	4.51
AR1660CCC500	AR1660CCC500	04/10/2025	21:21	PP071217.D	10.23	4.51
I.BLK	I.BLK	04/10/2025	22:59	PP071221.D	10.23	4.52
AR1660CCC500	AR1660CCC500	04/11/2025	09:37	PP071223.D	10.25	4.52
I.BLK	I.BLK	04/11/2025	10:42	PP071227.D	10.23	4.51
PB167553BS	PB167553BS	04/11/2025	11:17	PP071228.D	10.24	4.52
PB167553BSD	PB167553BSD	04/11/2025	11:33	PP071229.D	10.23	4.52
AR1660CCC500	AR1660CCC500	04/11/2025	17:35	PP071238.D	10.24	4.52

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Fax : 908 789 8922

Analytical Sequence

I.BLK	I.BLK	04/11/2025	18:24	PP071241.D	10.24	4.52

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

Analytical Sequence

Client: Tetra Tech NUS, Inc. **SDG No.:** Q1774

Project: CTO WE13 **Instrument ID:** ECD_P

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 03/27/2025 03/27/2025

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	03/27/2025	10:14	PP070916.D	8.86	3.82
AR1660ICC1000	AR1660ICC1000	03/27/2025	10:30	PP070917.D	8.86	3.82
AR1660ICC750	AR1660ICC750	03/27/2025	10:47	PP070918.D	8.86	3.82
AR1660ICC500	AR1660ICC500	03/27/2025	11:03	PP070919.D	8.86	3.82
AR1660ICC250	AR1660ICC250	03/27/2025	11:19	PP070920.D	8.86	3.82
AR1660ICC050	AR1660ICC050	03/27/2025	11:35	PP070921.D	8.86	3.82
AR1221ICC500	AR1221ICC500	03/27/2025	11:52	PP070922.D	8.86	3.82
AR1232ICC500	AR1232ICC500	03/27/2025	12:11	PP070923.D	8.86	3.82
AR1242ICC1000	AR1242ICC1000	03/27/2025	12:28	PP070924.D	8.86	3.82
AR1242ICC750	AR1242ICC750	03/27/2025	12:44	PP070925.D	8.86	3.82
AR1242ICC500	AR1242ICC500	03/27/2025	13:00	PP070926.D	8.86	3.82
AR1242ICC250	AR1242ICC250	03/27/2025	13:16	PP070927.D	8.86	3.82
AR1242ICC050	AR1242ICC050	03/27/2025	13:33	PP070928.D	8.86	3.82
AR1248ICC1000	AR1248ICC1000	03/27/2025	13:49	PP070929.D	8.86	3.82
AR1248ICC750	AR1248ICC750	03/27/2025	14:05	PP070930.D	8.86	3.82
AR1248ICC500	AR1248ICC500	03/27/2025	14:22	PP070931.D	8.86	3.82
AR1248ICC250	AR1248ICC250	03/27/2025	14:38	PP070932.D	8.86	3.82
AR1248ICC050	AR1248ICC050	03/27/2025	14:55	PP070933.D	8.86	3.82
AR1254ICC1000	AR1254ICC1000	03/27/2025	15:11	PP070934.D	8.86	3.82
AR1254ICC750	AR1254ICC750	03/27/2025	15:27	PP070935.D	8.86	3.82
AR1254ICC500	AR1254ICC500	03/27/2025	15:43	PP070936.D	8.86	3.82
AR1254ICC250	AR1254ICC250	03/27/2025	16:00	PP070937.D	8.86	3.82
AR1254ICC050	AR1254ICC050	03/27/2025	16:16	PP070938.D	8.86	3.82
AR1262ICC500	AR1262ICC500	03/27/2025	16:32	PP070939.D	8.86	3.82
AR1268ICC1000	AR1268ICC1000	03/27/2025	16:48	PP070940.D	8.86	3.82
AR1268ICC750	AR1268ICC750	03/27/2025	17:05	PP070941.D	8.86	3.82
AR1268ICC500	AR1268ICC500	03/27/2025	17:21	PP070942.D	8.86	3.82
AR1268ICC250	AR1268ICC250	03/27/2025	17:37	PP070943.D	8.86	3.82
AR1268ICC050	AR1268ICC050	03/27/2025	17:53	PP070944.D	8.86	3.82
AR1660CCC500	AR1660CCC500	04/10/2025	16:34	PP071206.D	8.85	3.81
I.BLK	I.BLK	04/10/2025	18:11	PP071210.D	8.85	3.81
PB167553BL	PB167553BL	04/10/2025	18:44	PP071211.D	8.85	3.81
TT-073-IDWGW-20250409	Q1774-02	04/10/2025	19:33	PP071214.D	8.85	3.81
TT-074-IDWGW-20250409	Q1774-03	04/10/2025	19:49	PP071215.D	8.85	3.81
TT-075-IDWGW-20250409	Q1774-04	04/10/2025	20:05	PP071216.D	8.85	3.81
AR1660CCC500	AR1660CCC500	04/10/2025	21:21	PP071217.D	8.85	3.81
I.BLK	I.BLK	04/10/2025	22:59	PP071221.D	8.85	3.81
AR1660CCC500	AR1660CCC500	04/11/2025	09:37	PP071223.D	8.86	3.82
I.BLK	I.BLK	04/11/2025	10:42	PP071227.D	8.85	3.81
PB167553BS	PB167553BS	04/11/2025	11:17	PP071228.D	8.85	3.82
PB167553BSD	PB167553BSD	04/11/2025	11:33	PP071229.D	8.85	3.81
AR1660CCC500	AR1660CCC500	04/11/2025	17:35	PP071238.D	8.85	3.81

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Analytical Sequence

I.BLK	I.BLK	04/11/2025	18:24	PP071241.D	8.85	3.81

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Fax : 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB167553BS

Contract: TETR06

Lab Code: CHEM Case No.: Q1774 SAS No.: Q1774 SDG NO.: Q1774

Lab Sample ID: PB167553BS Date(s) Analyzed: 04/11/2025 04/11/2025

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 PP071228.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.674	5.624	5.724	4.23		
	2	5.695	5.645	5.745	4.41		
	3	5.757	5.707	5.807	4.33		
COLUMN 1	4	5.855	5.805	5.905	4.51		
	5	6.147	6.097	6.197	4.58	4.40	
	1	4.901	4.851	4.951	4.59		
	2	4.92	4.87	4.97	4.45		
	3	5.097	5.047	5.147	4.76		
	4	5.139	5.089	5.189	4.85		
COLUMN 2	5	5.353	5.303	5.403	4.55	4.60	4.44
Aroclor-1260	1	7.267	7.217	7.317	5.00		
	2	7.521	7.471	7.571	5.21		
	3	7.879	7.829	7.929	4.25		
COLUMN 1	4	8.102	8.052	8.152	4.16		
	5	8.424	8.374	8.474	4.22	4.60	
	1	6.388	6.338	6.438	4.94		
	2	6.576	6.526	6.626	4.90		
	3	6.729	6.679	6.779	5.12		
	4	7.201	7.151	7.251	4.19		
COLUMN 2	5	7.442	7.392	7.492	3.79	4.60	0

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Fax : 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB167553BSD

Contract: TETR06

Lab Code: CHEM Case No.: Q1774 SAS No.: Q1774 SDG NO.: Q1774

Lab Sample ID: PB167553BSD Date(s) Analyzed: 04/11/2025 04/11/2025

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 PP071229.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.668	5.618	5.718	4.49		
	2	5.689	5.639	5.739	4.49		
	3	5.752	5.702	5.802	4.43		
COLUMN 1	4	5.849	5.799	5.899	4.71		
	5	6.142	6.092	6.192	4.69	4.60	
	1	4.9	4.85	4.95	4.71		
	2	4.919	4.869	4.969	4.58		
	3	5.095	5.045	5.145	4.86		
	4	5.137	5.087	5.187	4.83		
COLUMN 2	5	5.351	5.301	5.401	4.75	4.70	2.15
Aroclor-1260	1	7.26	7.21	7.31	5.33		
	2	7.514	7.464	7.564	5.41		
	3	7.871	7.821	7.921	4.25		
COLUMN 1	4	8.096	8.046	8.146	4.25		
	5	8.417	8.367	8.467	4.29	4.70	
	1	6.387	6.337	6.437	5.06		
	2	6.575	6.525	6.625	5.03		
	3	6.728	6.678	6.778	5.17		
	4	7.199	7.149	7.249	4.33		
COLUMN 2	5	7.441	7.391	7.491	3.94	4.70	0

QC SAMPLE DATA

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	CTO WE13	Date Received:	
Client Sample ID:	PB167553BL	SDG No.:	Q1774
Lab Sample ID:	PB167553BL	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
PP071211.D	1	04/10/25 13:05	04/10/25 18:44	PB167553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.25	U	0.097	0.25	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.13	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.25	U	0.096	0.25	0.50	ug/L
53469-21-9	Aroclor-1242	0.25	U	0.12	0.25	0.50	ug/L
12672-29-6	Aroclor-1248	0.25	U	0.071	0.25	0.50	ug/L
11097-69-1	Aroclor-1254	0.25	U	0.094	0.25	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	0.25	U	0.11	0.25	0.50	ug/L
11096-82-5	Aroclor-1260	0.25	U	0.081	0.25	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	24.7		35 - 137		123%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.3		40 - 135		121%	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\PP041025\
Data File : PP071211.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 18:44
Operator : YP\AJ
Sample : PB167553BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB167553BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 11 01:38:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.515	3.813	36061735	25351422	24.673	24.455
2)	SA Decachlor...	10.233	8.851	25529261	16807216	24.253	21.324
	Target Compounds						

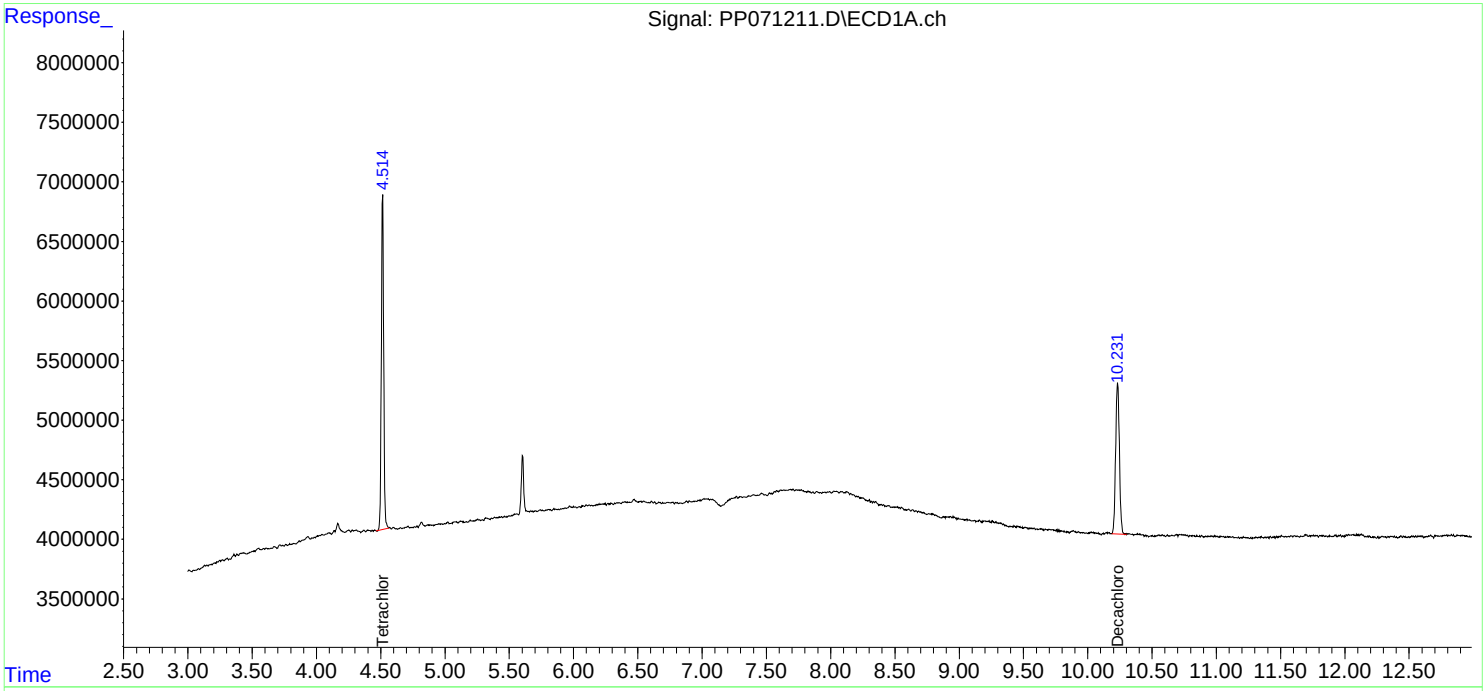
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

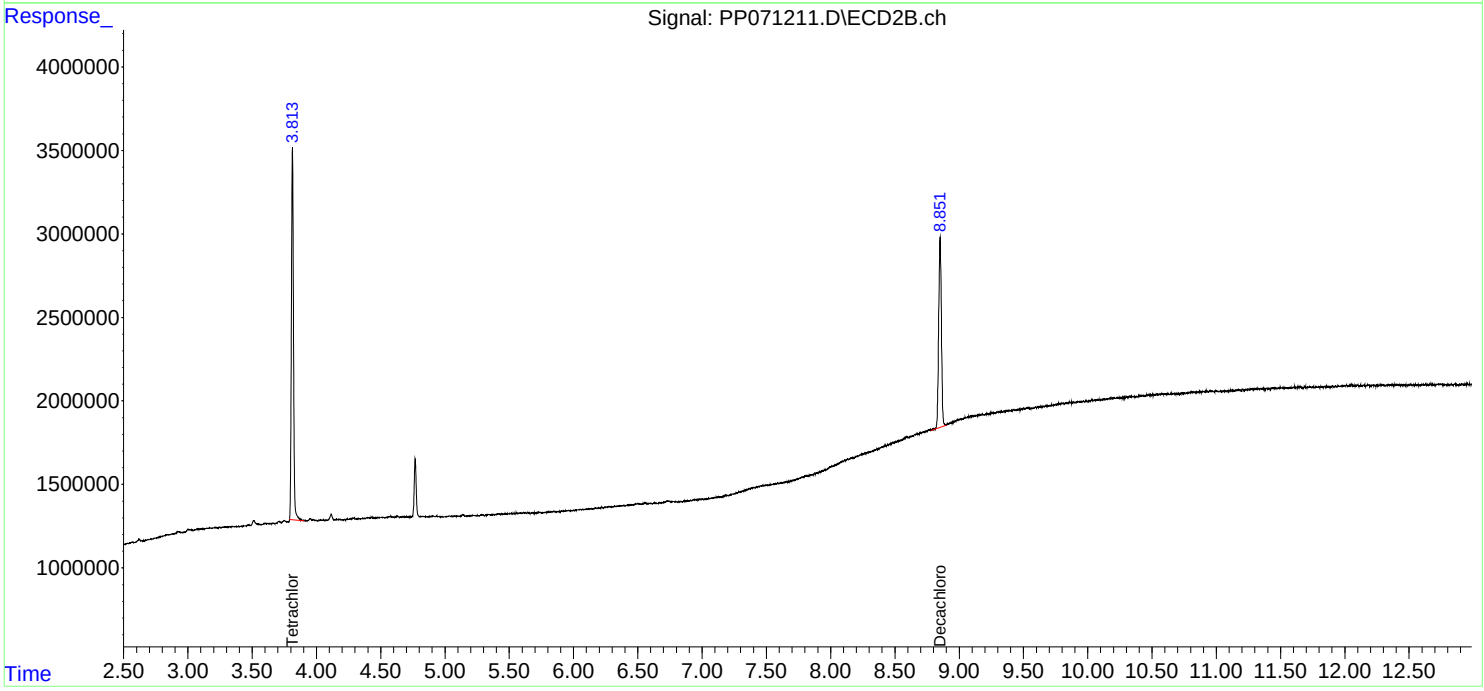
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041025\
Data File : PP071211.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 18:44
Operator : YP\AJ
Sample : PB167553BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

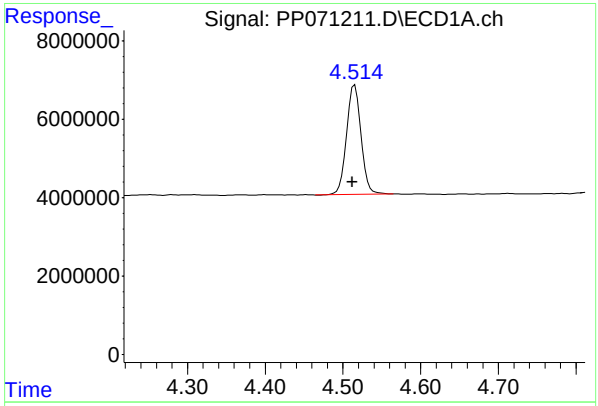
Instrument :
ECD_P
ClientSampleId :
PB167553BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 11 01:38:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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



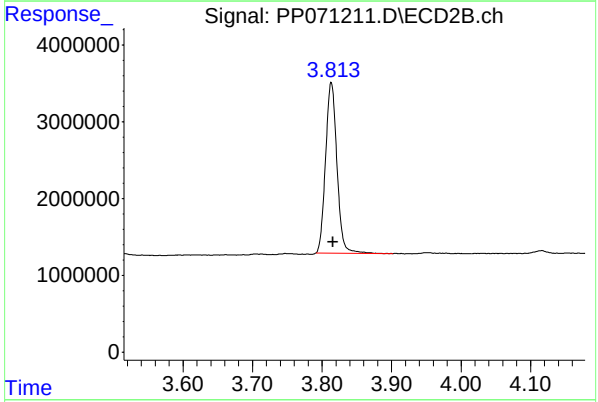




#1 Tetrachloro-m-xylene

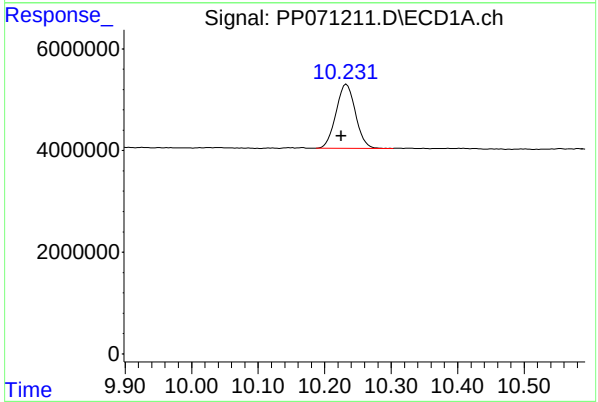
R.T.: 4.515 min
Delta R.T.: 0.003 min
Response: 36061735
Conc: 24.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BL



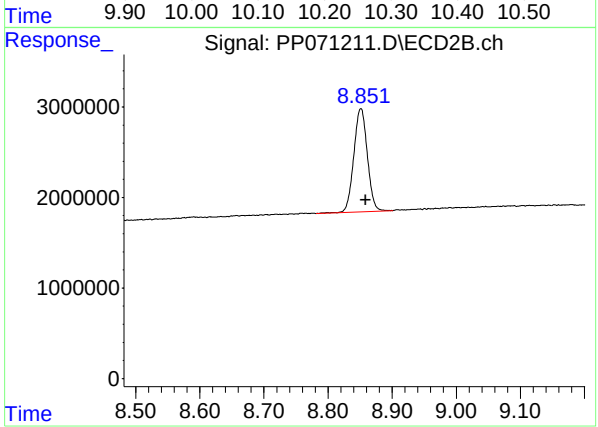
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: -0.003 min
Response: 25351422
Conc: 24.46 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.233 min
Delta R.T.: 0.007 min
Response: 25529261
Conc: 24.25 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.851 min
Delta R.T.: -0.007 min
Response: 16807216
Conc: 21.32 ng/ml

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Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	03/27/25
Project:	CTO WE13	Date Received:	03/27/25
Client Sample ID:	PIBLK-PP070916.D	SDG No.:	Q1774
Lab Sample ID:	I.BLK-PP070916.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
PP070916.D	1		03/27/25	PP032725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.25	U	0.097	0.25	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.13	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.25	U	0.096	0.25	0.50	ug/L
53469-21-9	Aroclor-1242	0.25	U	0.12	0.25	0.50	ug/L
12672-29-6	Aroclor-1248	0.25	U	0.071	0.25	0.50	ug/L
11097-69-1	Aroclor-1254	0.25	U	0.094	0.25	0.50	ug/L
11096-82-5	Aroclor-1260	0.25	U	0.081	0.25	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	0.25	U	0.11	0.25	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	18.1		60 - 140		91%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.4		60 - 140		97%	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\PP032725\
Data File : PP070916.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 10:14
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 28 06:35:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.514	3.816	27521844	18794888	18.830	18.131
2)	SA Decachlor...	10.229	8.858	20399611	18404317	19.380	23.350
	Target Compounds						

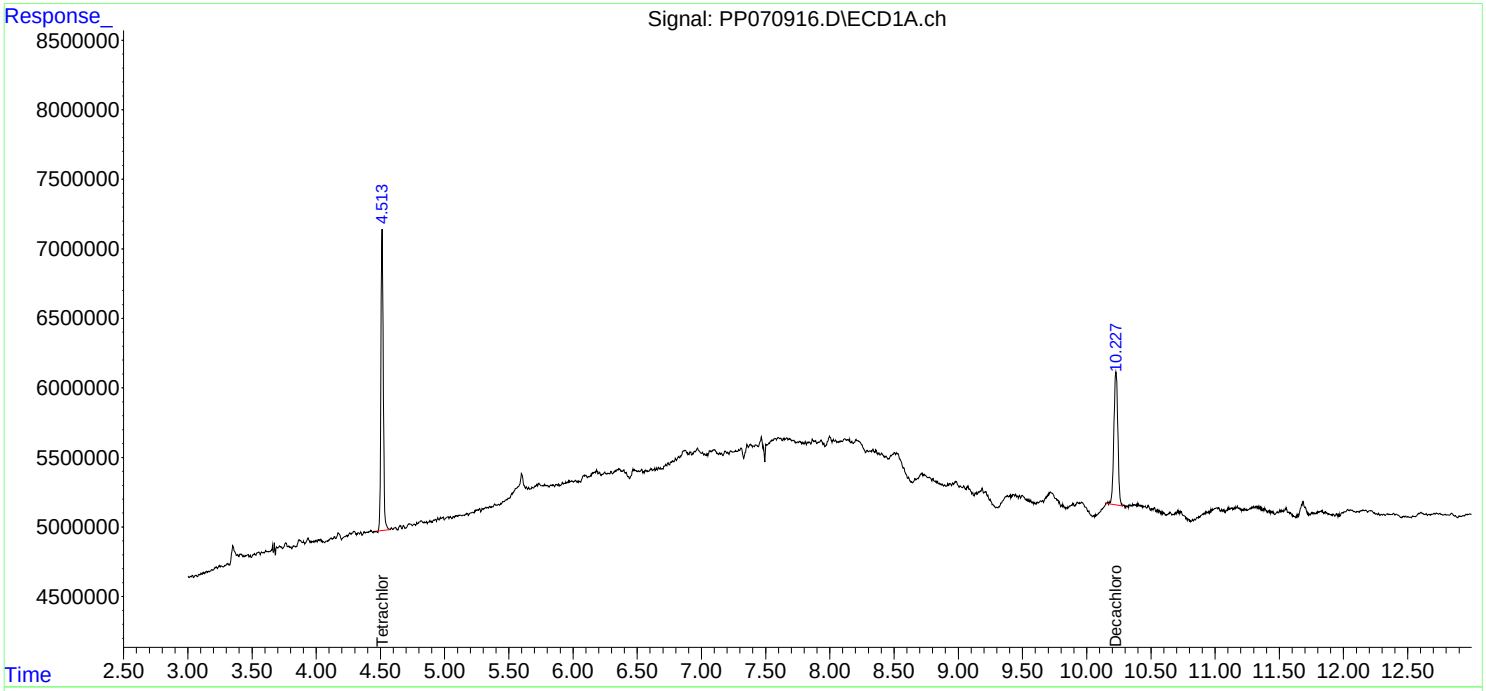
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

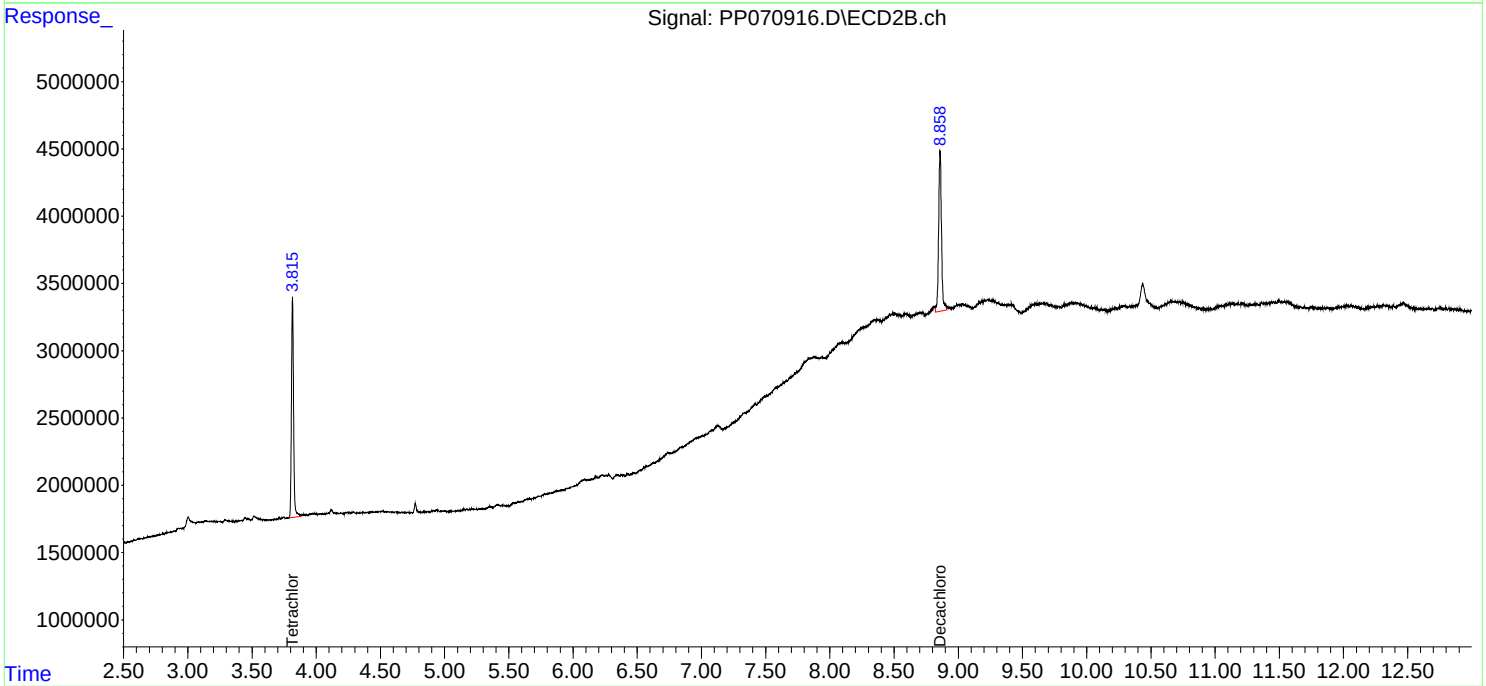
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070916.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 10:14
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

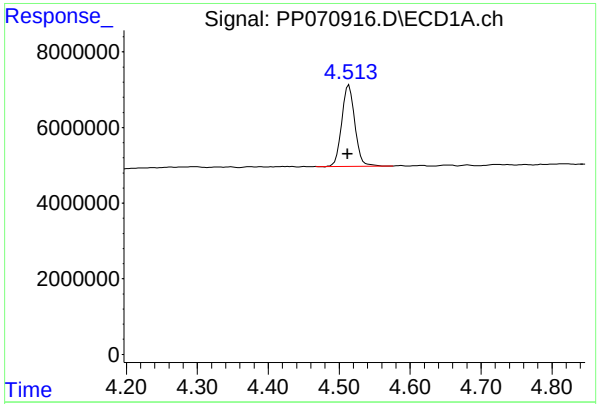
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 28 06:35:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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



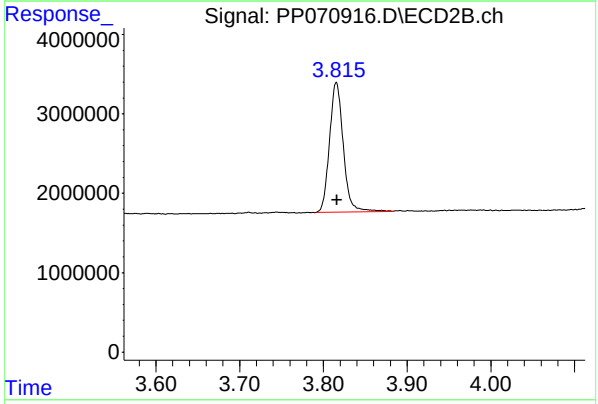




#1 Tetrachloro-m-xylene

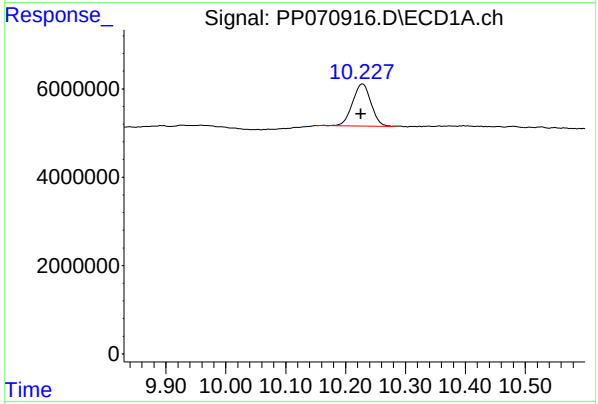
R.T.: 4.514 min
Delta R.T.: 0.002 min
Response: 27521844
Conc: 18.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



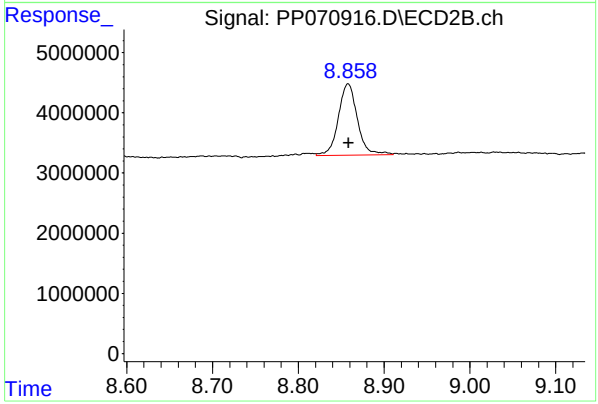
#1 Tetrachloro-m-xylene

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 18794888
Conc: 18.13 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.229 min
Delta R.T.: 0.003 min
Response: 20399611
Conc: 19.38 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.858 min
Delta R.T.: 0.000 min
Response: 18404317
Conc: 23.35 ng/ml

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:	04/10/25
Project:	CTO WE13	Date Received:	04/10/25
Client Sample ID:	PIBLK-PP071210.D	SDG No.:	Q1774
Lab Sample ID:	I.BLK-PP071210.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
PP071210.D	1		04/10/25	PP041025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.25	U	0.097	0.25	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.13	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.25	U	0.096	0.25	0.50	ug/L
53469-21-9	Aroclor-1242	0.25	U	0.12	0.25	0.50	ug/L
12672-29-6	Aroclor-1248	0.25	U	0.071	0.25	0.50	ug/L
11097-69-1	Aroclor-1254	0.25	U	0.094	0.25	0.50	ug/L
11096-82-5	Aroclor-1260	0.25	U	0.081	0.25	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	0.25	U	0.11	0.25	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	19.6		60 - 140		98%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.7		60 - 140		93%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041025\
Data File : PP071210.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 18:11
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 11 01:37:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.511	3.813	29615622	20333683	20.263	19.615
2) SA	Decachlor...	10.230	8.851	22000724	14724333	20.901	18.681
	Target Compounds						

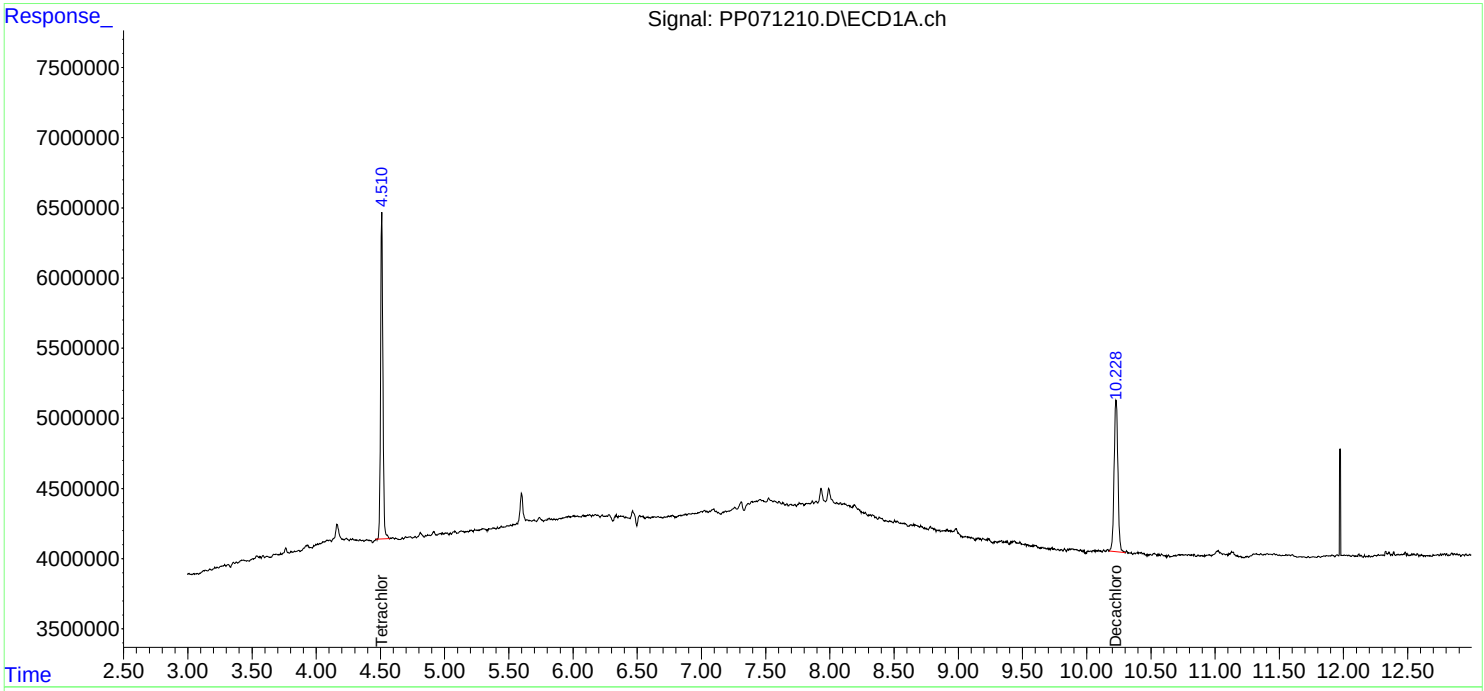
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

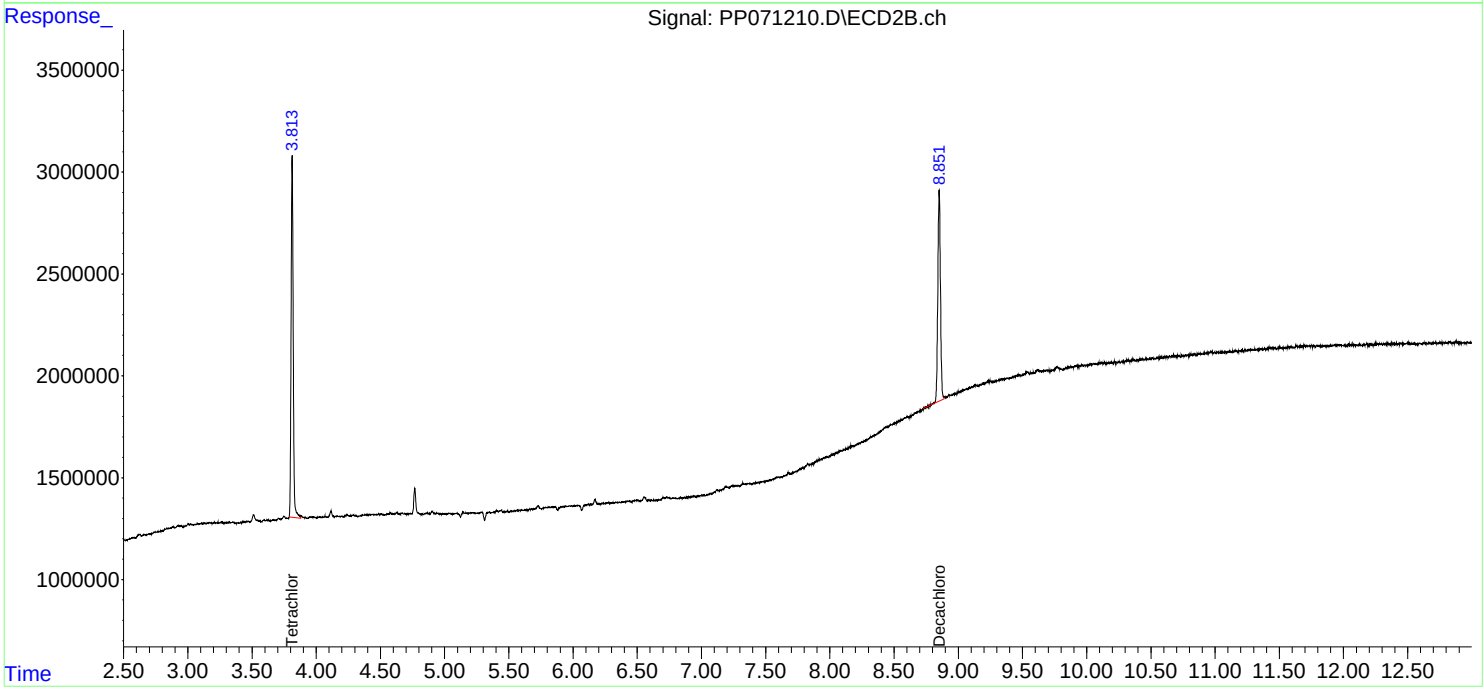
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041025\
Data File : PP071210.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 18:11
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

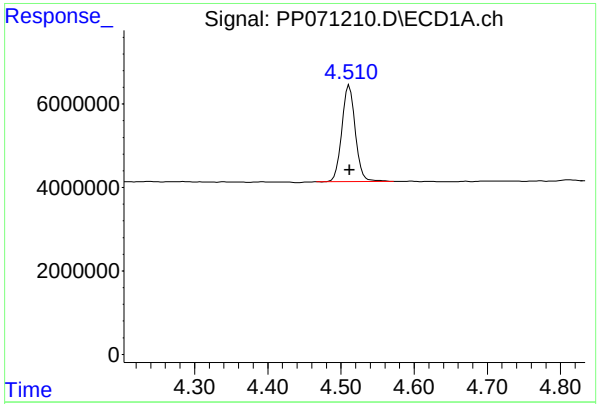
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 11 01:37:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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



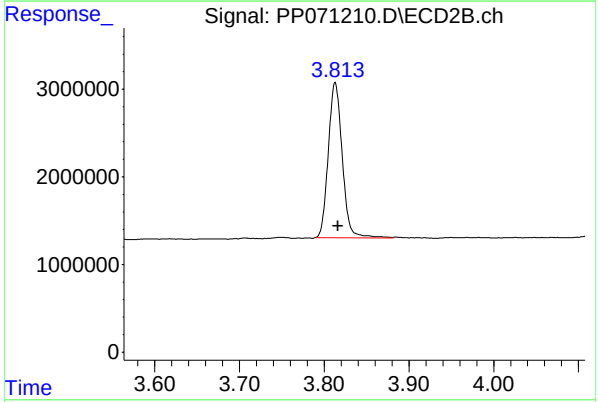




#1 Tetrachloro-m-xylene

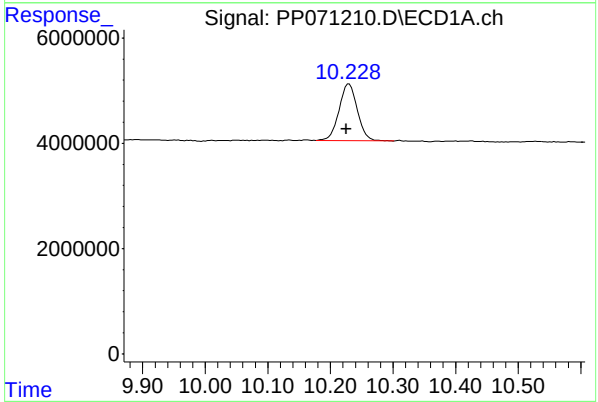
R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 29615622
Conc: 20.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



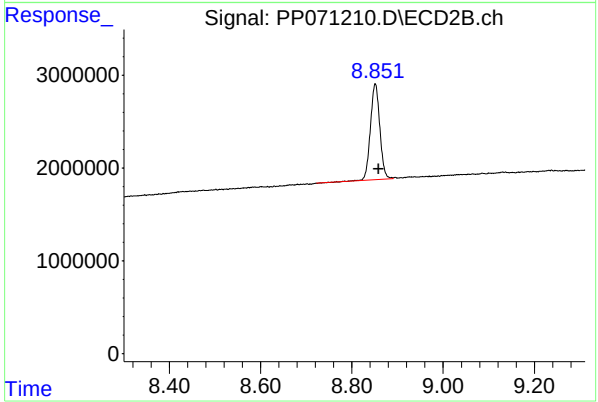
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: -0.003 min
Response: 20333683
Conc: 19.61 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.230 min
Delta R.T.: 0.004 min
Response: 22000724
Conc: 20.90 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.851 min
Delta R.T.: -0.007 min
Response: 14724333
Conc: 18.68 ng/ml

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:	04/10/25
Project:	CTO WE13	Date Received:	04/10/25
Client Sample ID:	PIBLK-PP071221.D	SDG No.:	Q1774
Lab Sample ID:	I.BLK-PP071221.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
PP071221.D	1		04/10/25	PP041025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.25	U	0.097	0.25	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.13	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.25	U	0.096	0.25	0.50	ug/L
53469-21-9	Aroclor-1242	0.25	U	0.12	0.25	0.50	ug/L
12672-29-6	Aroclor-1248	0.25	U	0.071	0.25	0.50	ug/L
11097-69-1	Aroclor-1254	0.25	U	0.094	0.25	0.50	ug/L
11096-82-5	Aroclor-1260	0.25	U	0.081	0.25	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	0.25	U	0.11	0.25	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.7		60 - 140		103%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.7		60 - 140		93%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041025\
Data File : PP071221.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 22:59
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 11 01:41:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.515	3.813	30217572	21921636	20.675	21.147
2)	SA Decachlor...	10.234	8.851	22597346	14712464	21.468	18.666
	Target Compounds						

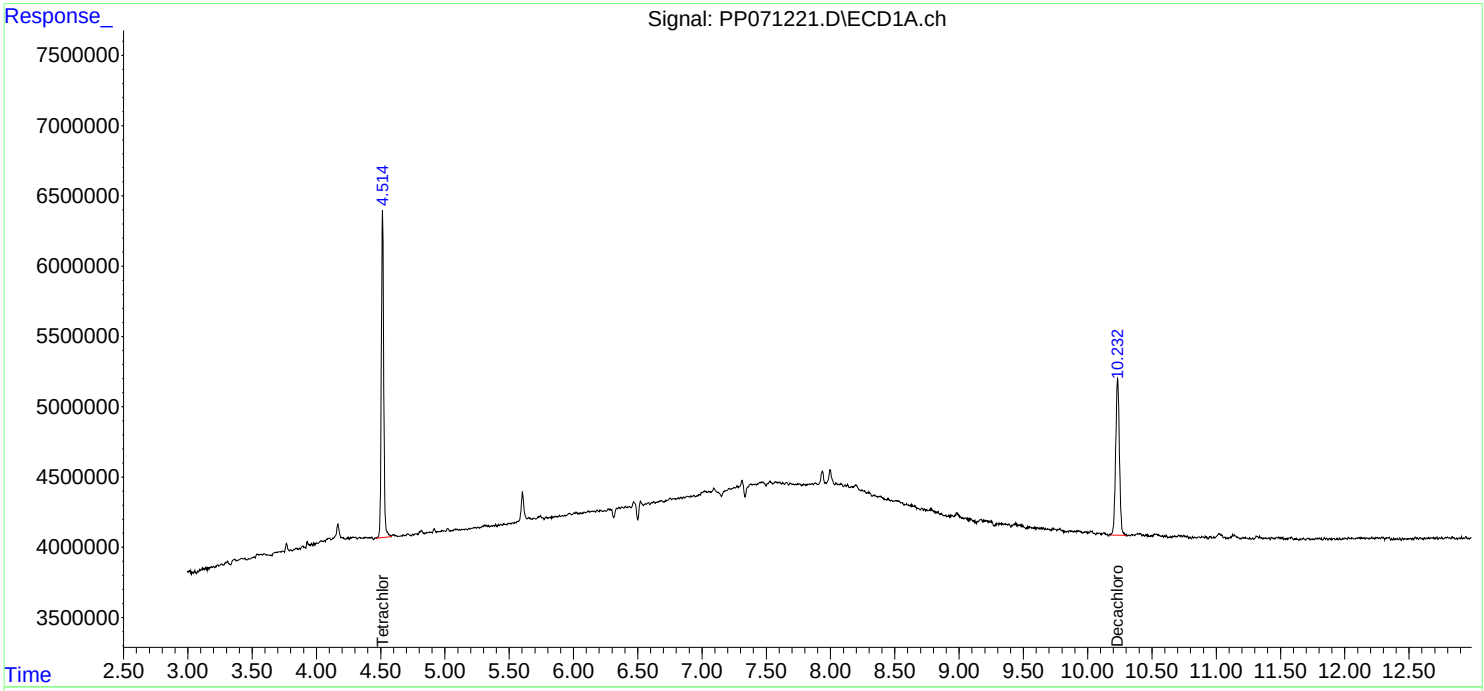
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

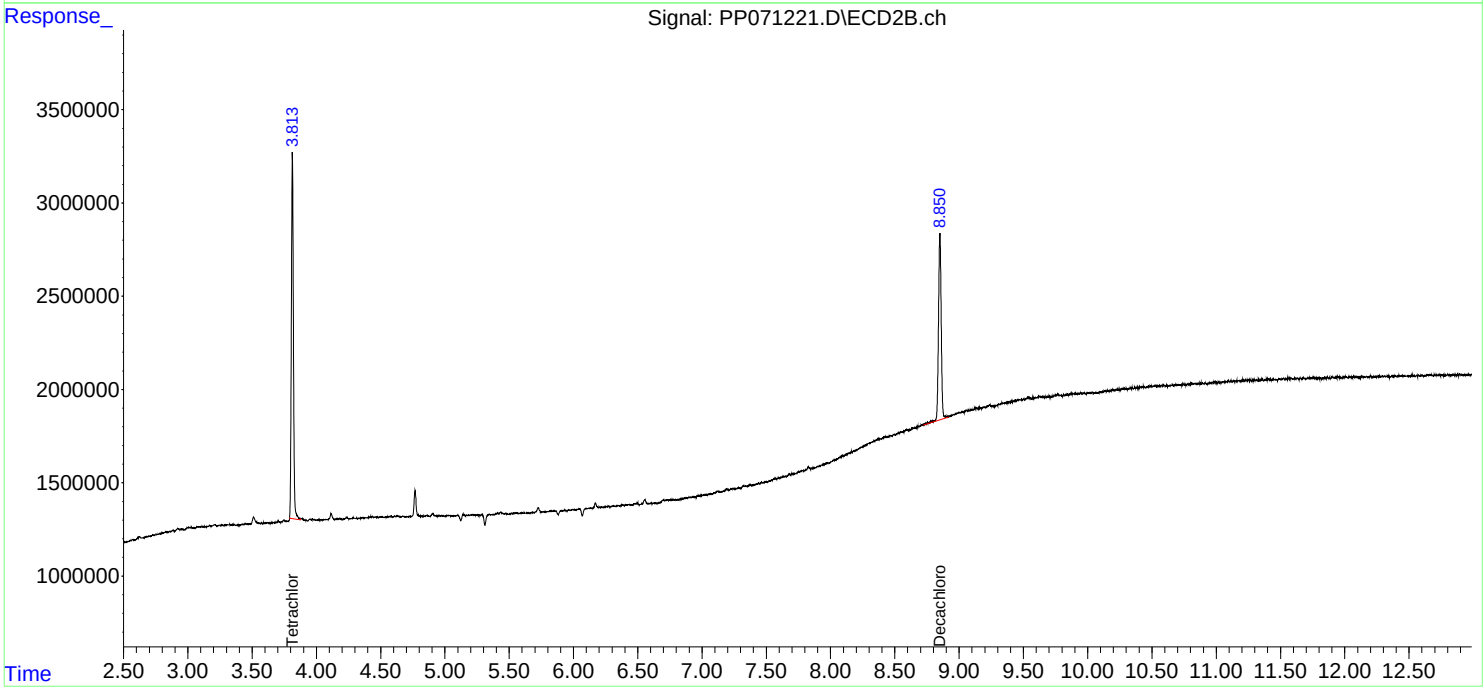
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041025\
Data File : PP071221.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 22:59
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

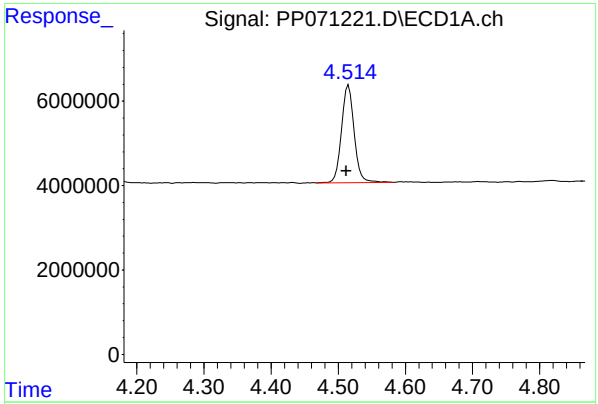
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 11 01:41:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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



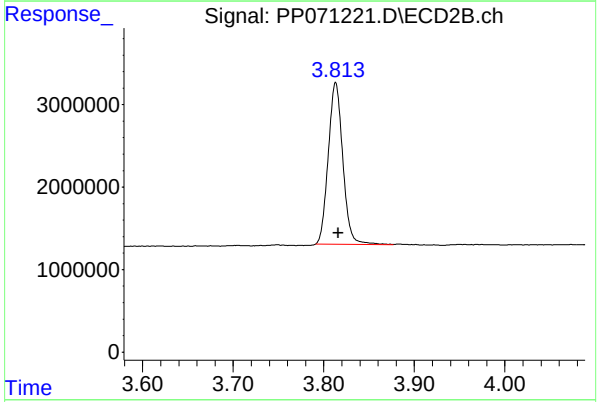




#1 Tetrachloro-m-xylene

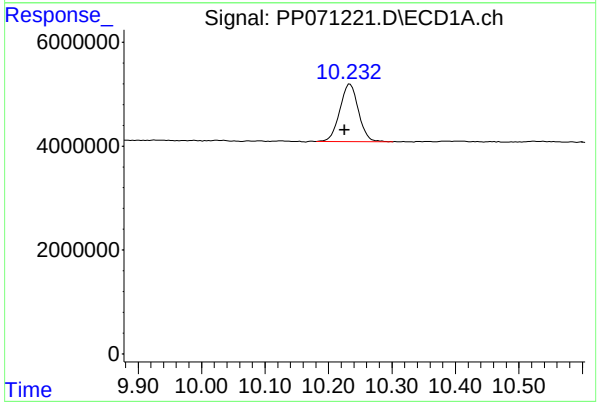
R.T.: 4.515 min
Delta R.T.: 0.003 min
Response: 30217572
Conc: 20.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



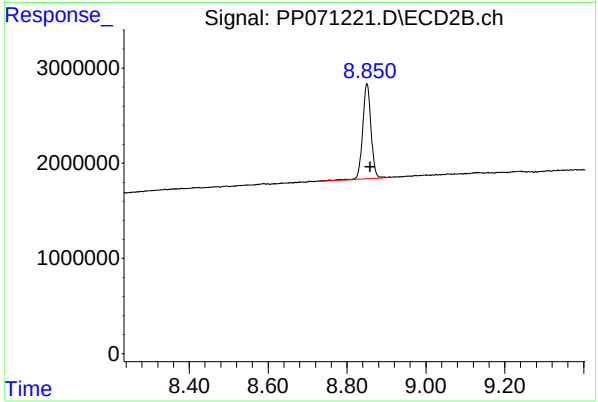
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: -0.003 min
Response: 21921636
Conc: 21.15 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.234 min
Delta R.T.: 0.009 min
Response: 22597346
Conc: 21.47 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.851 min
Delta R.T.: -0.008 min
Response: 14712464
Conc: 18.67 ng/ml

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:	04/11/25
Project:	CTO WE13	Date Received:	04/11/25
Client Sample ID:	PIBLK-PP071227.D	SDG No.:	Q1774
Lab Sample ID:	I.BLK-PP071227.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
PP071227.D	1		04/11/25	pp041125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.25	U	0.097	0.25	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.13	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.25	U	0.096	0.25	0.50	ug/L
53469-21-9	Aroclor-1242	0.25	U	0.12	0.25	0.50	ug/L
12672-29-6	Aroclor-1248	0.25	U	0.071	0.25	0.50	ug/L
11097-69-1	Aroclor-1254	0.25	U	0.094	0.25	0.50	ug/L
11096-82-5	Aroclor-1260	0.25	U	0.081	0.25	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	0.25	U	0.11	0.25	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.9		60 - 140		104%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.0		60 - 140		95%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041125\
Data File : PP071227.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Apr 2025 10:42
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 00:15:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.514	3.814	30500345	22316706	20.868	21.528
2)	SA Decachlor...	10.232	8.851	23644766	15001706	22.463	19.033
	Target Compounds						

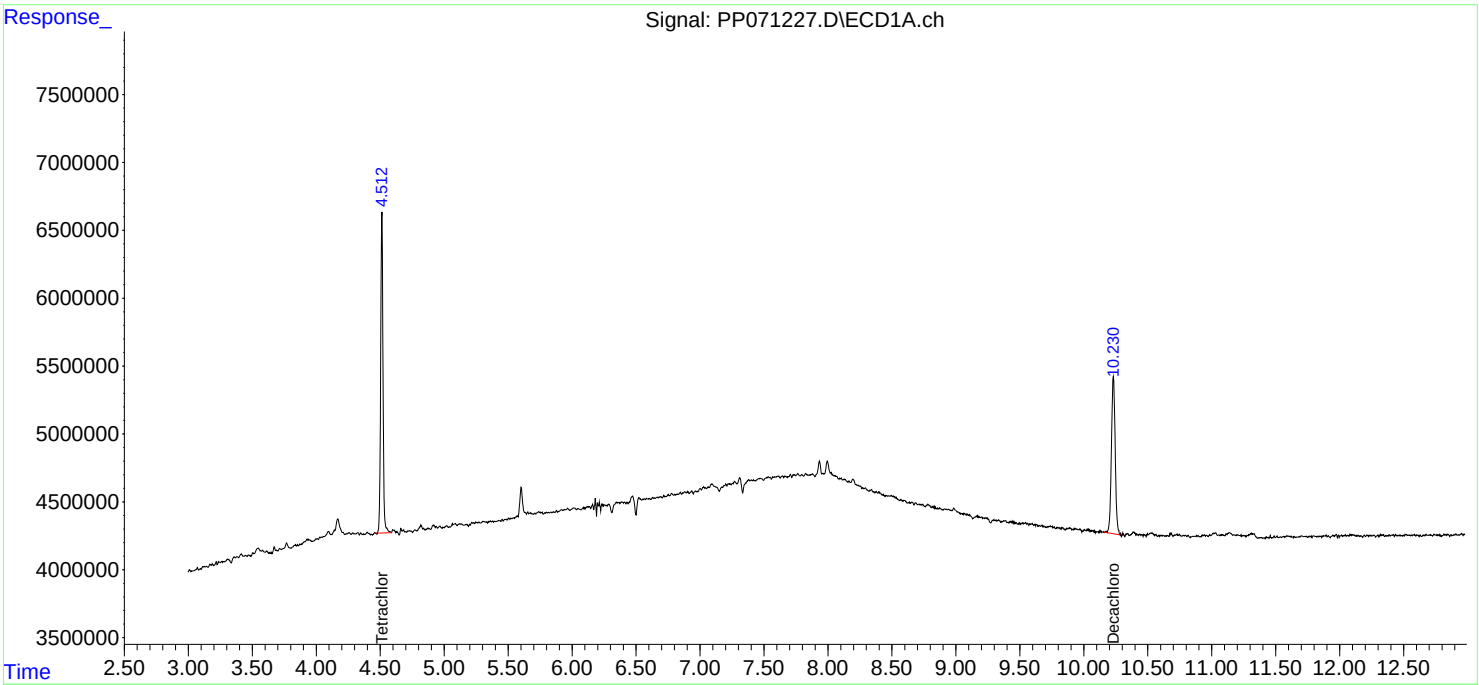
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

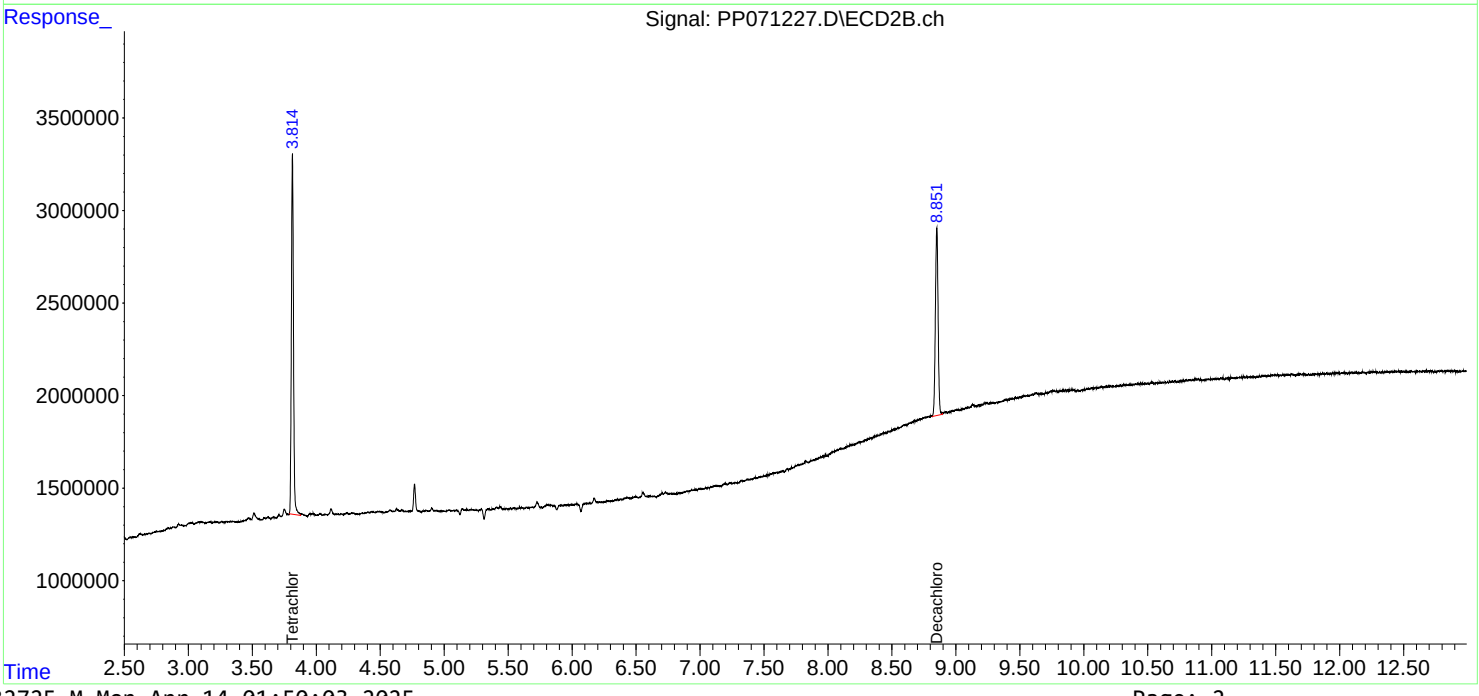
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041125\
Data File : PP071227.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Apr 2025 10:42
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

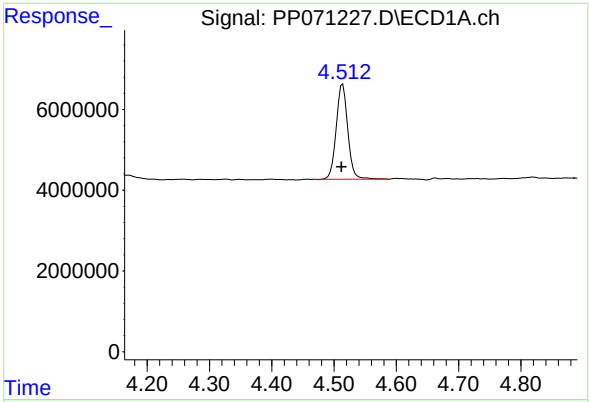
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 00:15:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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



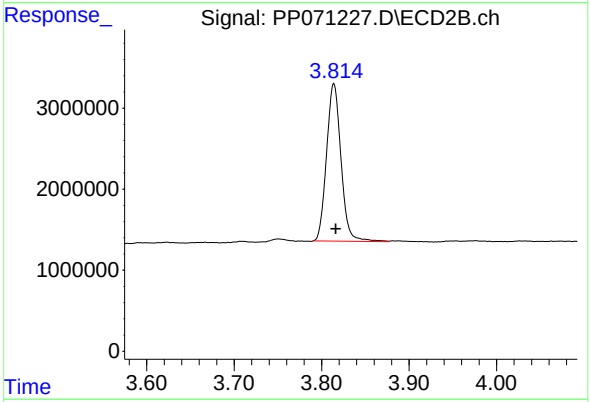




#1 Tetrachloro-m-xylene

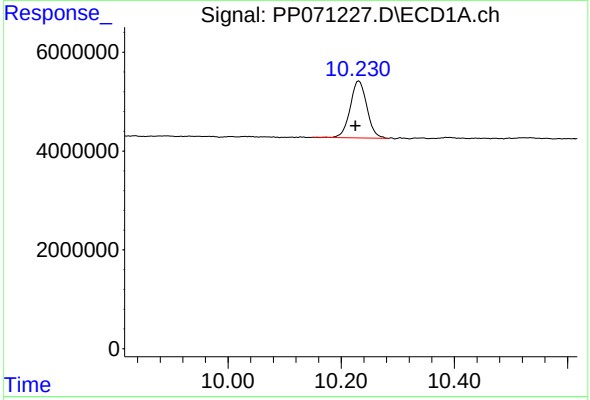
R.T.: 4.514 min
Delta R.T.: 0.002 min
Response: 30500345
Conc: 20.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



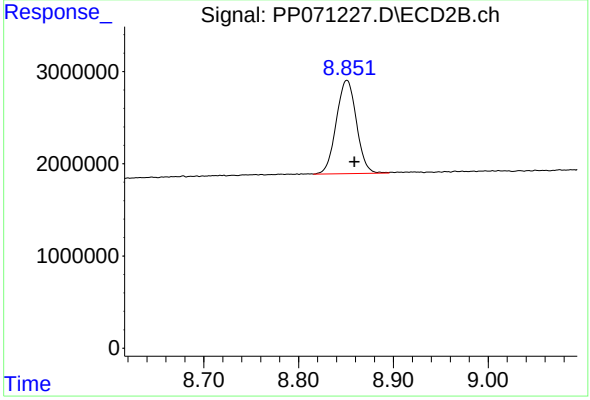
#1 Tetrachloro-m-xylene

R.T.: 3.814 min
Delta R.T.: -0.002 min
Response: 22316706
Conc: 21.53 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.232 min
Delta R.T.: 0.006 min
Response: 23644766
Conc: 22.46 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.851 min
Delta R.T.: -0.008 min
Response: 15001706
Conc: 19.03 ng/ml

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:	04/11/25
Project:	CTO WE13	Date Received:	04/11/25
Client Sample ID:	PIBLK-PP071241.D	SDG No.:	Q1774
Lab Sample ID:	I.BLK-PP071241.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
PP071241.D	1		04/11/25	pp041125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.25	U	0.097	0.25	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.13	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.25	U	0.096	0.25	0.50	ug/L
53469-21-9	Aroclor-1242	0.25	U	0.12	0.25	0.50	ug/L
12672-29-6	Aroclor-1248	0.25	U	0.071	0.25	0.50	ug/L
11097-69-1	Aroclor-1254	0.25	U	0.094	0.25	0.50	ug/L
11096-82-5	Aroclor-1260	0.25	U	0.081	0.25	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	0.25	U	0.11	0.25	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.5		60 - 140		103%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.6		60 - 140		98%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041125\
Data File : PP071241.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Apr 2025 18:24
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 00:19:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.518	3.814	30026767	23938547	20.544	23.092
2)	SA Decachlor...	10.237	8.851	23465385	15413675	22.292	19.556
	Target Compounds						

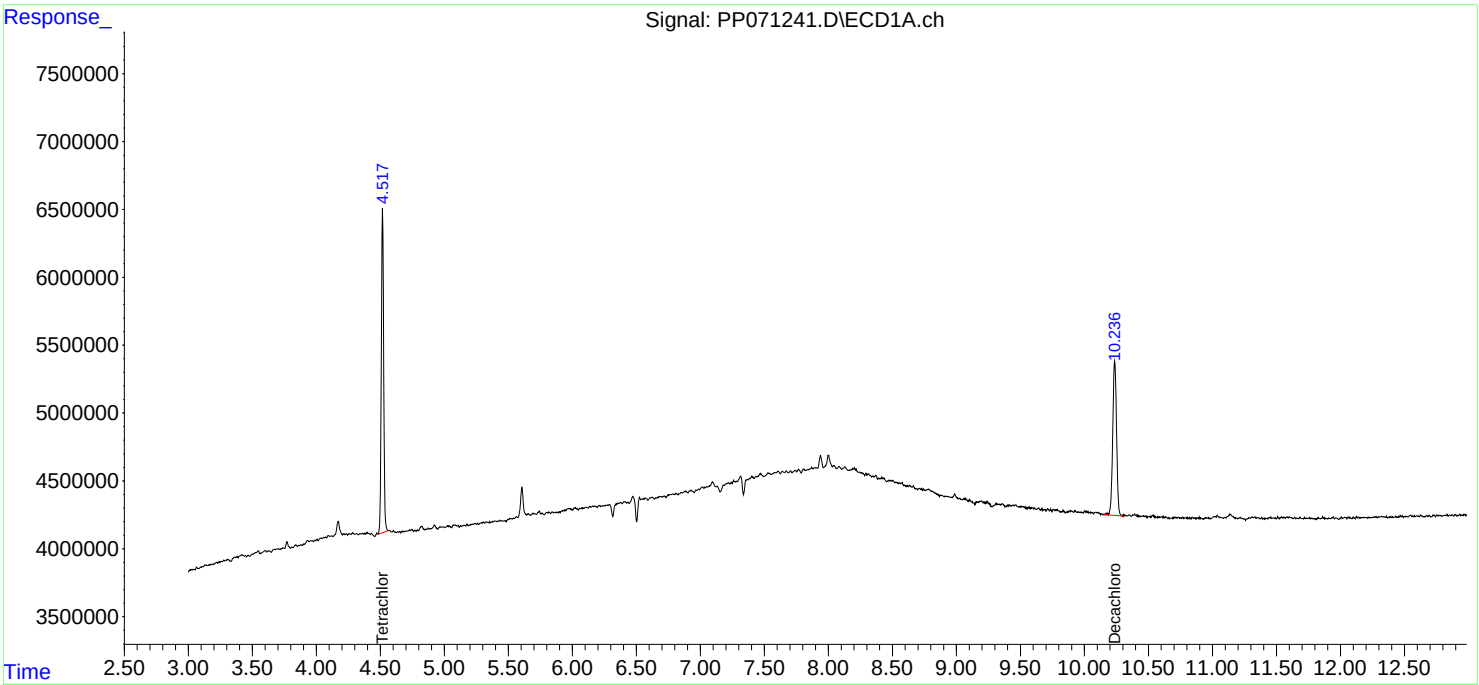
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

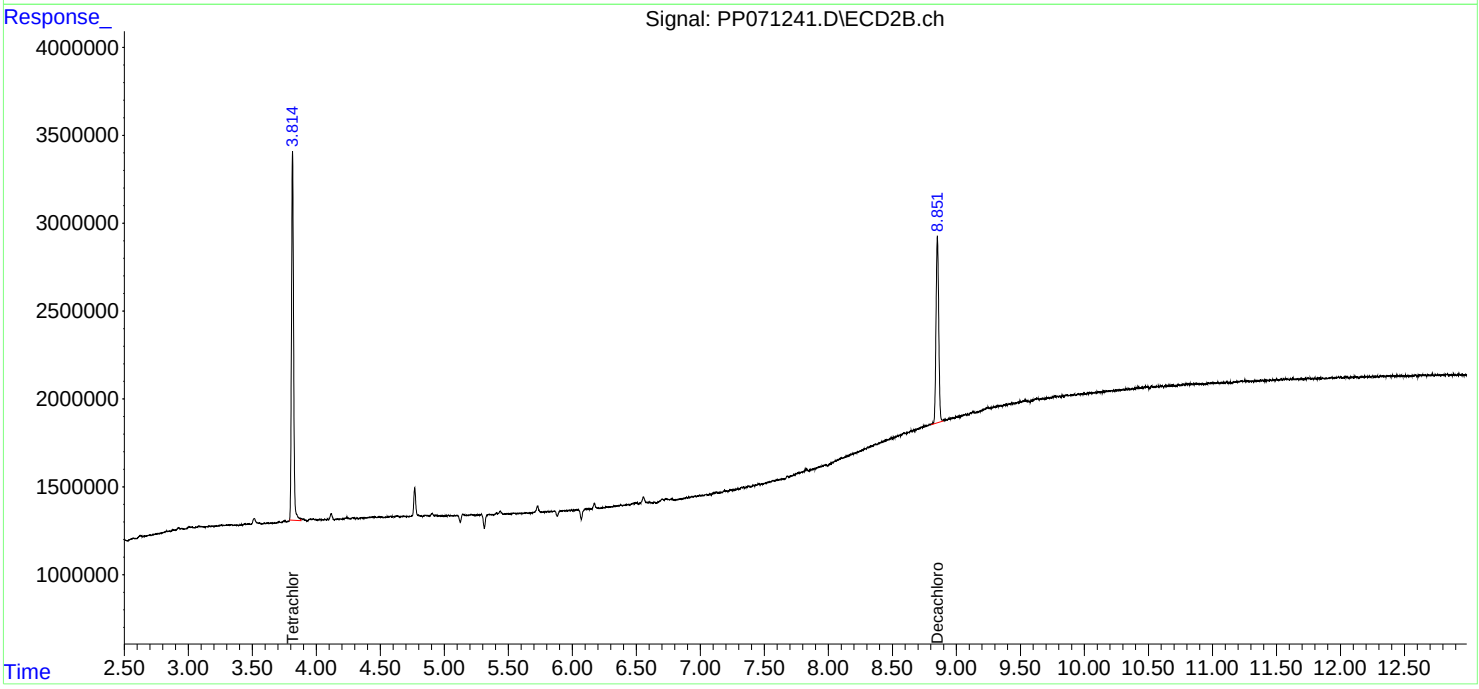
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041125\
Data File : PP071241.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Apr 2025 18:24
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

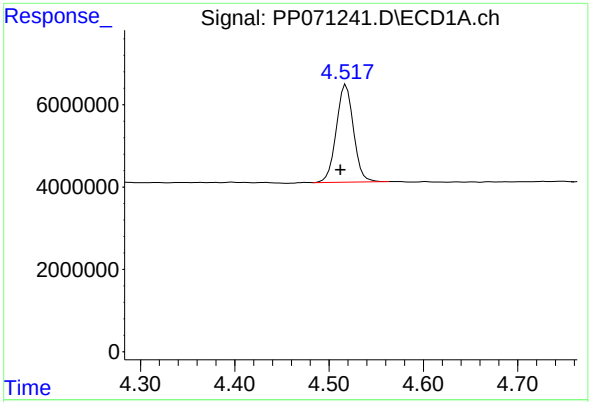
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 00:19:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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



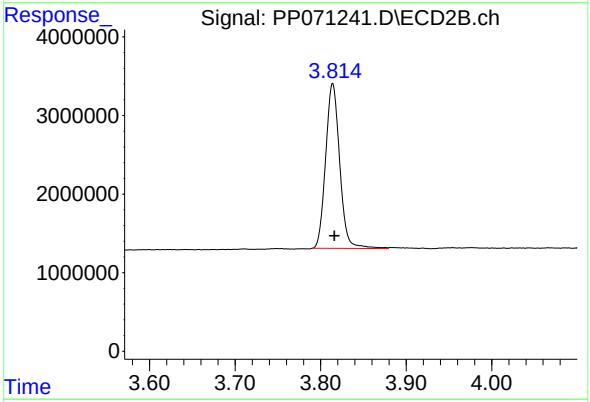




#1 Tetrachloro-m-xylene

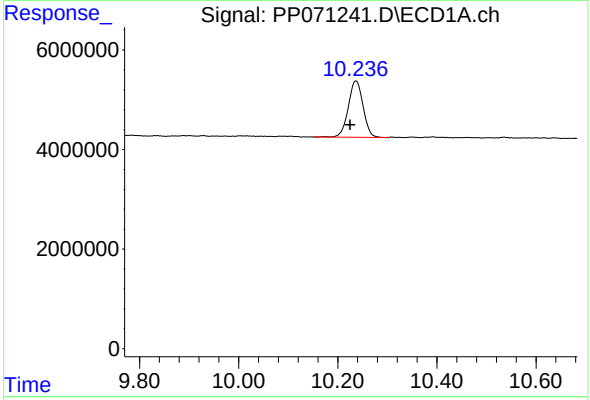
R.T.: 4.518 min
Delta R.T.: 0.006 min
Response: 30026767
Conc: 20.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



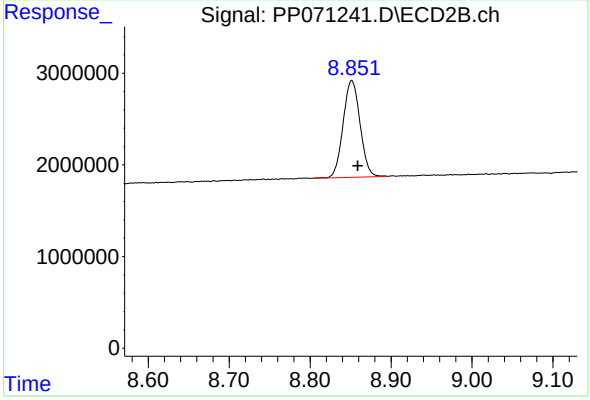
#1 Tetrachloro-m-xylene

R.T.: 3.814 min
Delta R.T.: -0.002 min
Response: 23938547
Conc: 23.09 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.237 min
Delta R.T.: 0.012 min
Response: 23465385
Conc: 22.29 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.851 min
Delta R.T.: -0.007 min
Response: 15413675
Conc: 19.56 ng/ml

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:	CTO WE13		Date Received:		
Client Sample ID:	PB167553BS		SDG No.:	Q1774	
Lab Sample ID:	PB167553BS		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
PP071228.D	1	04/10/25 13:05	04/11/25 11:17	PB167553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	4.60		0.097	0.25	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.13	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.25	U	0.096	0.25	0.50	ug/L
53469-21-9	Aroclor-1242	0.25	U	0.12	0.25	0.50	ug/L
12672-29-6	Aroclor-1248	0.25	U	0.071	0.25	0.50	ug/L
11097-69-1	Aroclor-1254	0.25	U	0.094	0.25	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	0.25	U	0.11	0.25	0.50	ug/L
11096-82-5	Aroclor-1260	4.60		0.081	0.25	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	21.7		35 - 137		109%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.0		40 - 135		110%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041125\
Data File : PP071228.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Apr 2025 11:17
Operator : YP\AJ
Sample : PB167553BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB167553BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/14/2025
Supervised By :mohammad ahmed 04/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 00:15:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.521	3.815	31515792	22492708	21.563	21.698
2)	SA Decachlor...	10.239	8.852	23190224	15222766	22.031	19.313
	Target Compounds						
3)	L1 AR-1016-1	5.674	4.901	21522504	18383567	423.244m	458.578
4)	L1 AR-1016-2	5.695	4.920	34427143	25767629	441.070m	445.305
5)	L1 AR-1016-3	5.757	5.097	20443357	14705733	433.355m	475.555
6)	L1 AR-1016-4	5.855	5.139	16560873	11808641	450.566m	484.837
7)	L1 AR-1016-5	6.147	5.353	15518706	14696244	457.615m	454.694m
31)	L7 AR-1260-1	7.267	6.388	33608909	25293631	500.484	493.955
32)	L7 AR-1260-2	7.521	6.576	50057710	31232730	520.695	489.588
33)	L7 AR-1260-3	7.879	6.729	33933227	27892510	424.600	511.913
34)	L7 AR-1260-4	8.103	7.201	35294628	20037105	448.260	418.956
35)	L7 AR-1260-5	8.424	7.442	66993575	47131087	421.645	378.532

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041125\
Data File : PP071228.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Apr 2025 11:17
Operator : YP\AJ
Sample : PB167553BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

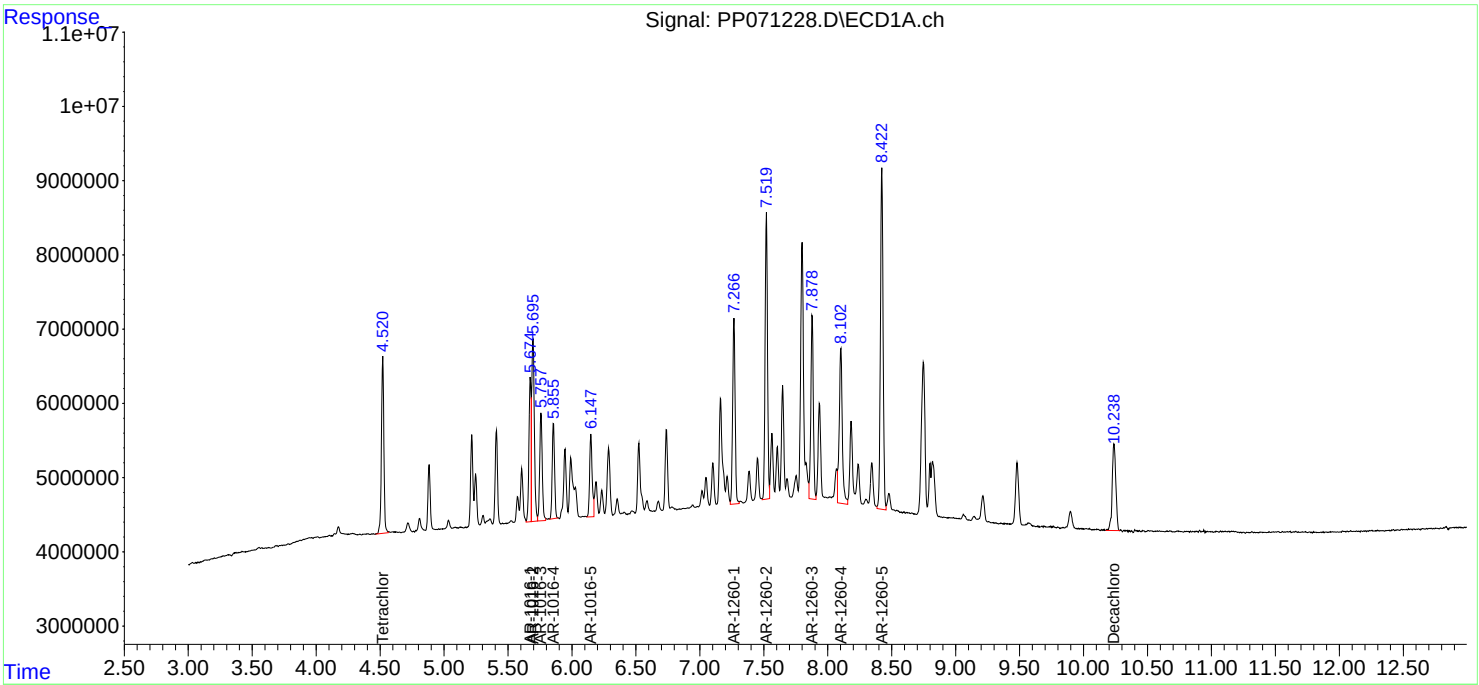
Instrument :
ECD_P
ClientSampleId :
PB167553BS

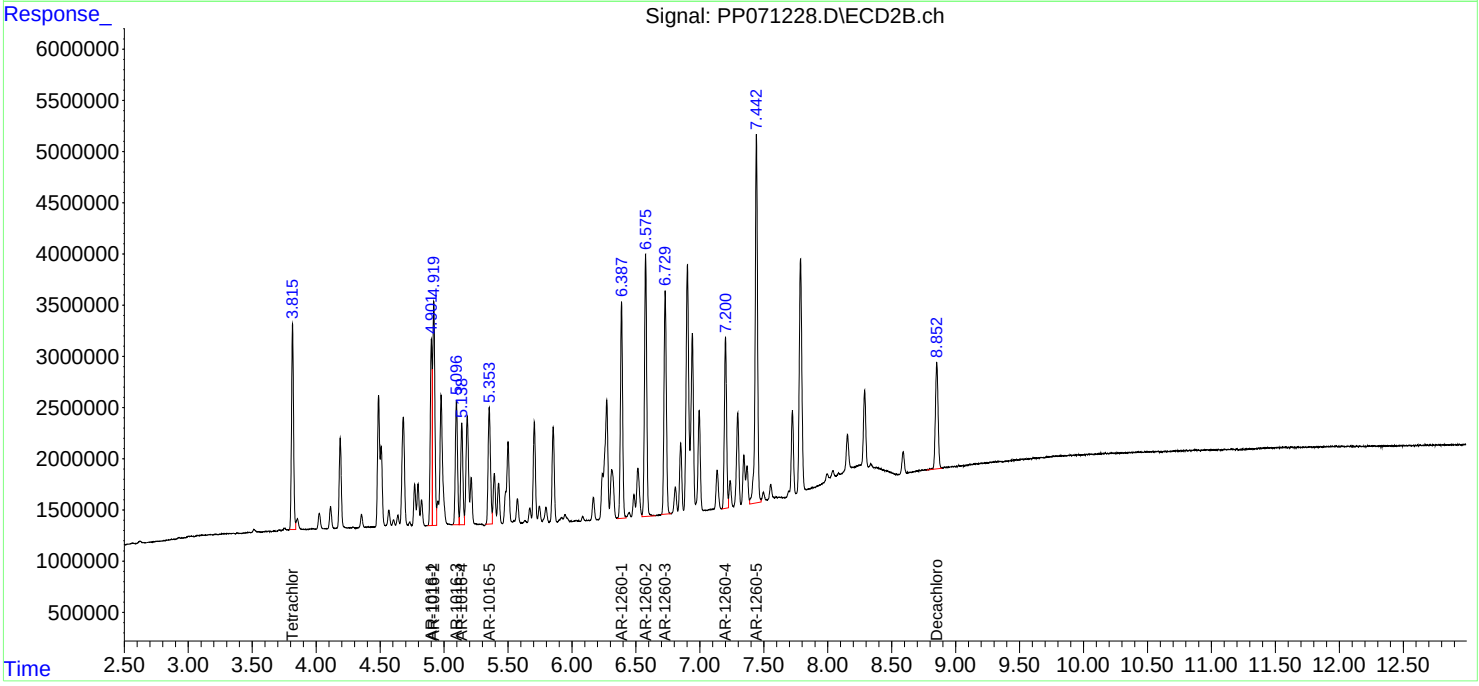
Manual Integrations APPROVED

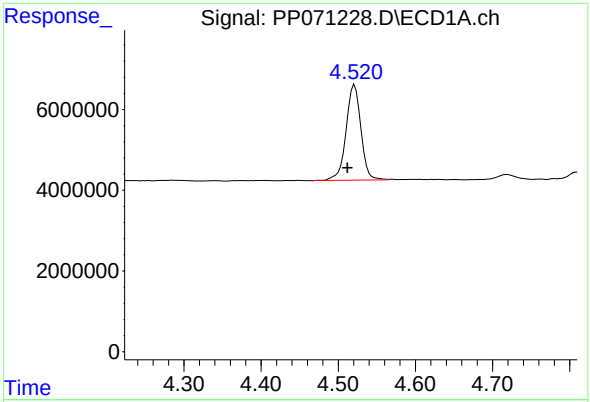
Reviewed By :Yogesh Patel 04/14/2025
Supervised By :mohammad ahmed 04/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 00:15:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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







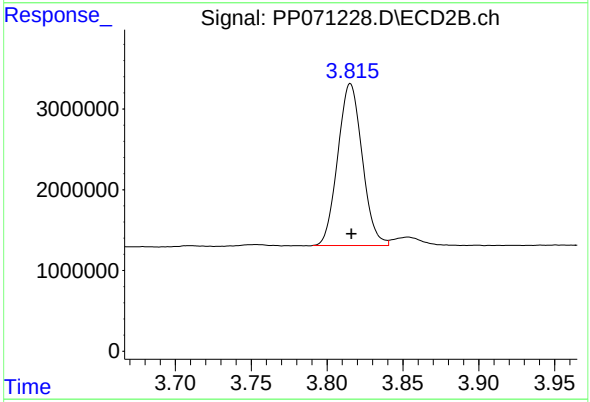
#1 Tetrachloro-m-xylene

R.T.: 4.521 min
Delta R.T.: 0.009 min
Response: 31515792
Conc: 21.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BS

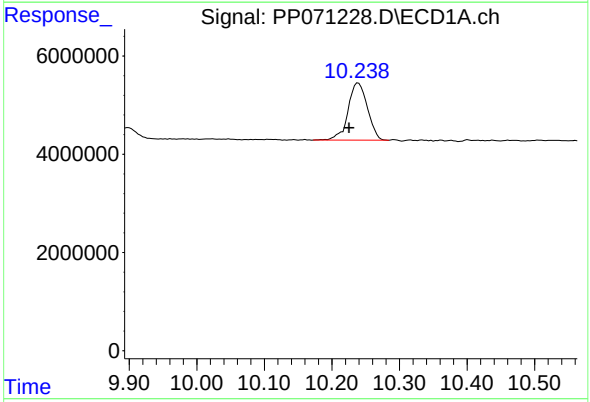
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



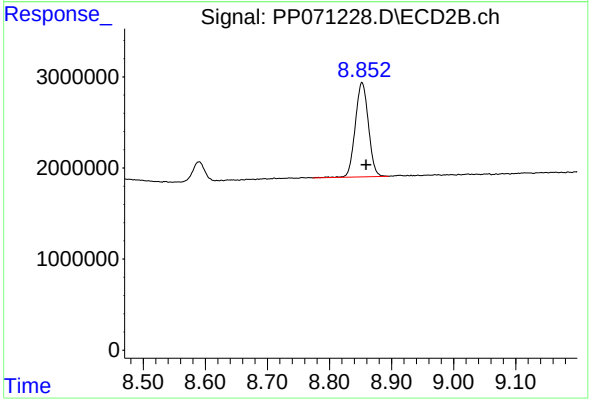
#1 Tetrachloro-m-xylene

R.T.: 3.815 min
Delta R.T.: 0.000 min
Response: 22492708
Conc: 21.70 ng/ml



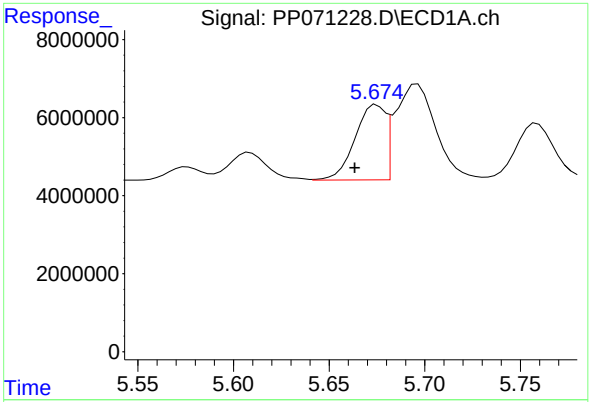
#2 Decachlorobiphenyl

R.T.: 10.239 min
Delta R.T.: 0.014 min
Response: 23190224
Conc: 22.03 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.852 min
Delta R.T.: -0.006 min
Response: 15222766
Conc: 19.31 ng/ml



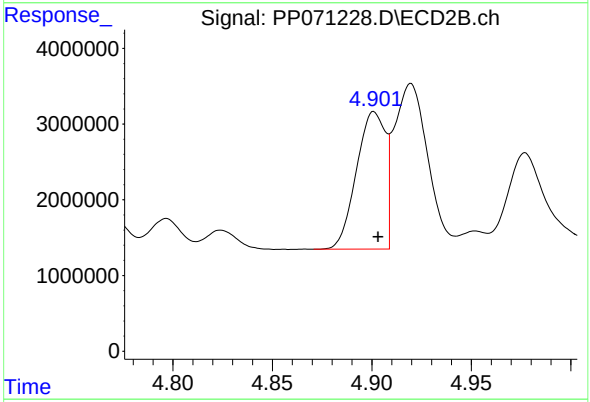
#3 AR-1016-1

R.T.: 5.674 min
Delta R.T.: 0.010 min
Response: 21522504
Conc: 423.24 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BS

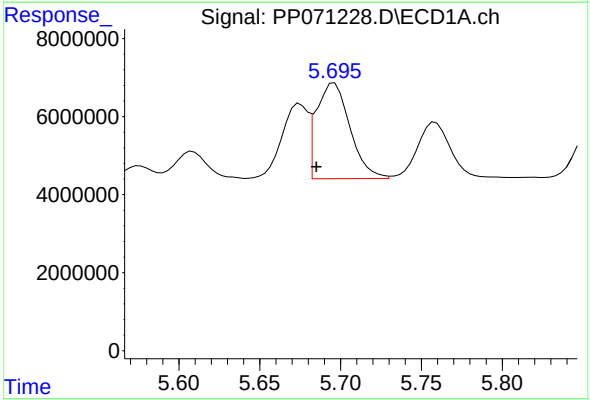
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



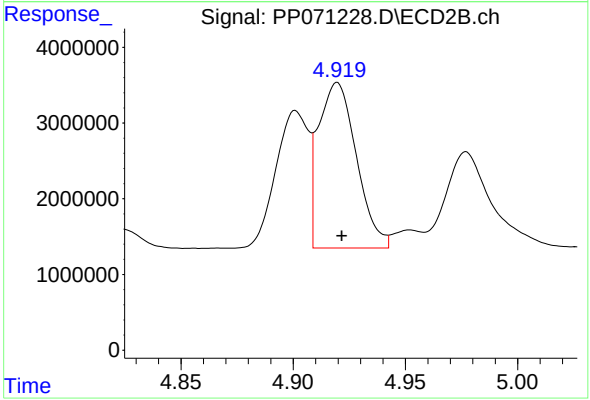
#3 AR-1016-1

R.T.: 4.901 min
Delta R.T.: -0.002 min
Response: 18383567
Conc: 458.58 ng/ml



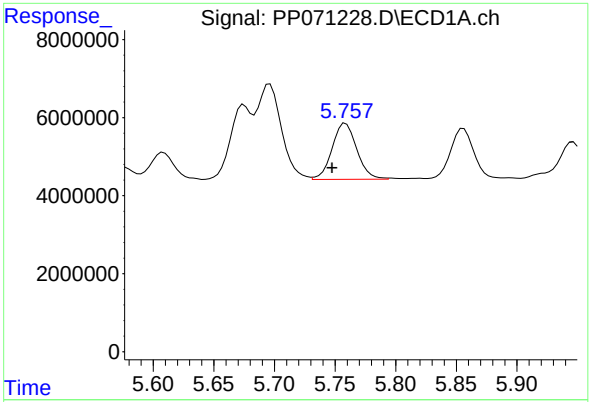
#4 AR-1016-2

R.T.: 5.695 min
Delta R.T.: 0.010 min
Response: 34427143
Conc: 441.07 ng/ml m



#4 AR-1016-2

R.T.: 4.920 min
Delta R.T.: -0.002 min
Response: 25767629
Conc: 445.31 ng/ml



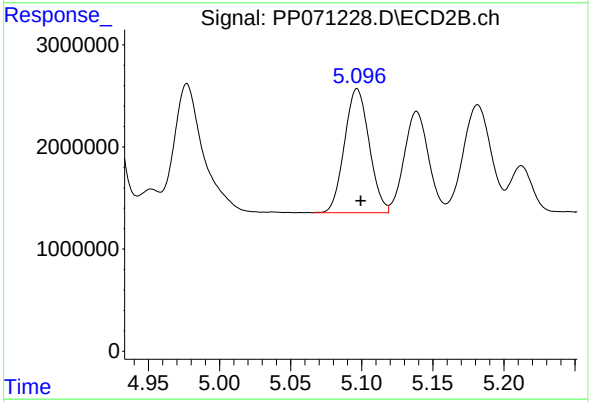
#5 AR-1016-3

R.T.: 5.757 min
Delta R.T.: 0.010 min
Response: 20443357
Conc: 433.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BS

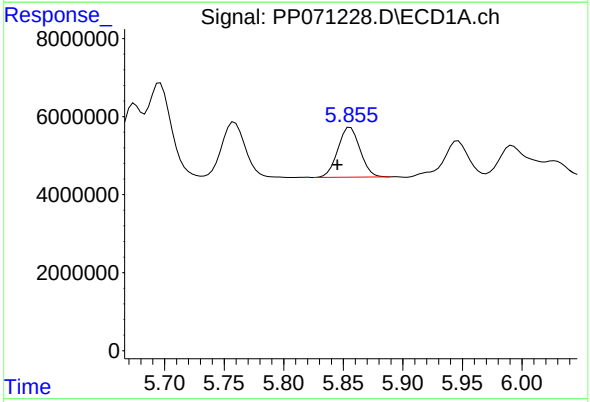
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



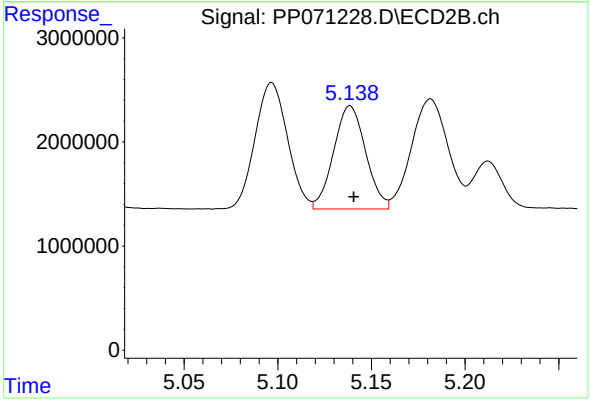
#5 AR-1016-3

R.T.: 5.097 min
Delta R.T.: -0.002 min
Response: 14705733
Conc: 475.56 ng/ml



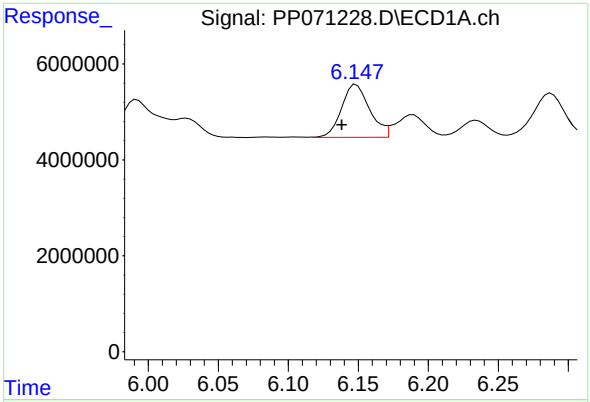
#6 AR-1016-4

R.T.: 5.855 min
Delta R.T.: 0.010 min
Response: 16560873
Conc: 450.57 ng/ml m



#6 AR-1016-4

R.T.: 5.139 min
Delta R.T.: -0.002 min
Response: 11808641
Conc: 484.84 ng/ml



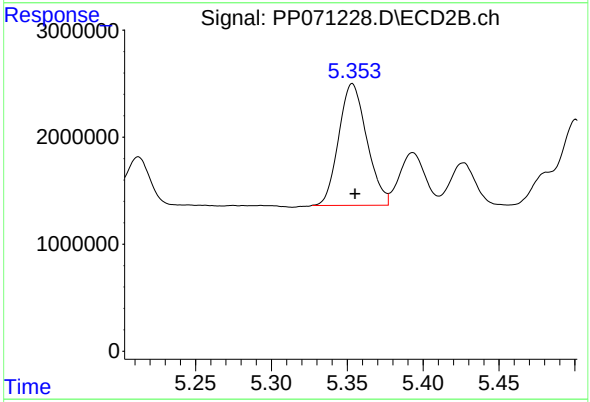
#7 AR-1016-5

R.T.: 6.147 min
Delta R.T.: 0.009 min
Response: 15518706
Conc: 457.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BS

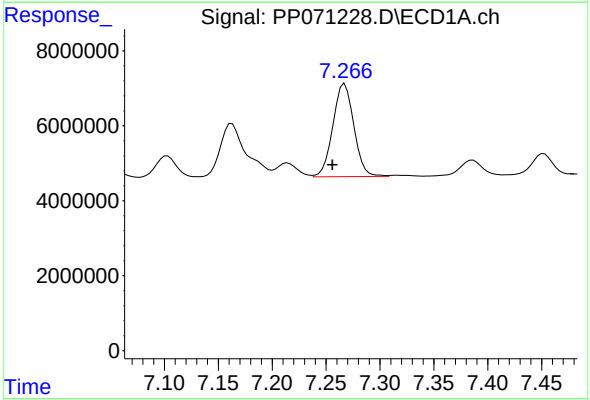
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



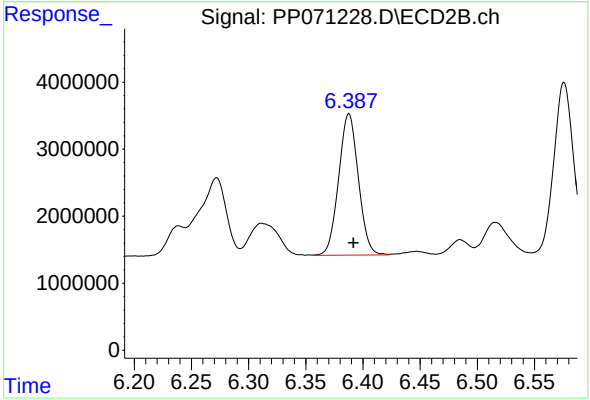
#7 AR-1016-5

R.T.: 5.353 min
Delta R.T.: -0.002 min
Response: 14696244
Conc: 454.69 ng/ml m



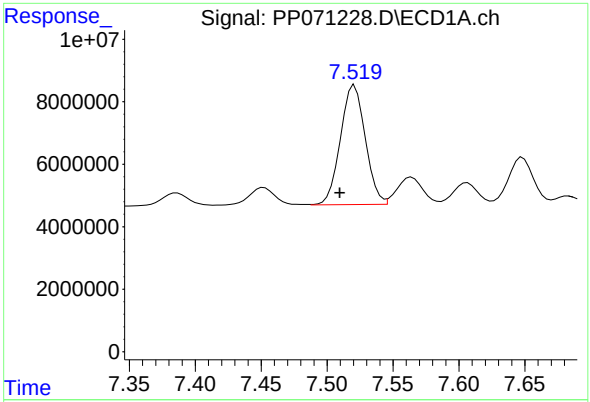
#31 AR-1260-1

R.T.: 7.267 min
Delta R.T.: 0.011 min
Response: 33608909
Conc: 500.48 ng/ml



#31 AR-1260-1

R.T.: 6.388 min
Delta R.T.: -0.004 min
Response: 25293631
Conc: 493.96 ng/ml



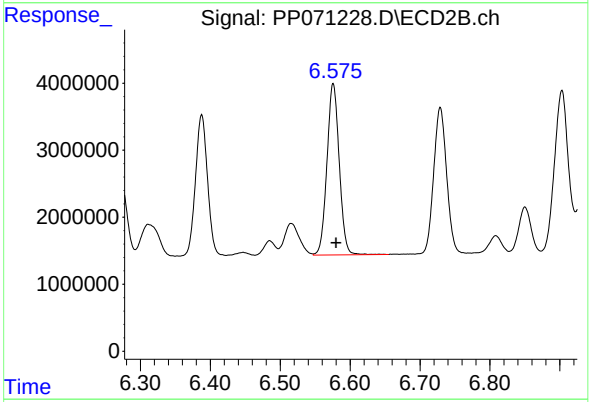
#32 AR-1260-2

R.T.: 7.521 min
Delta R.T.: 0.011 min
Response: 50057710
Conc: 520.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BS

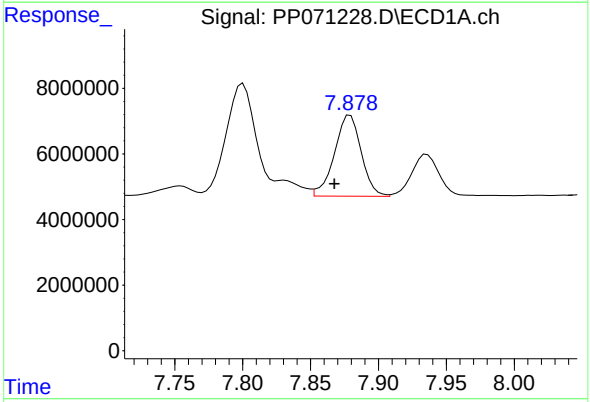
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



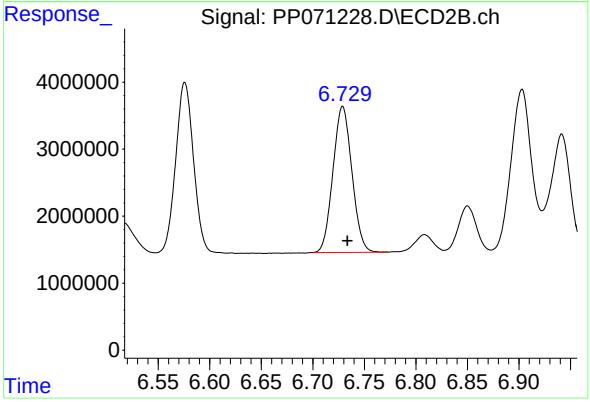
#32 AR-1260-2

R.T.: 6.576 min
Delta R.T.: -0.004 min
Response: 31232730
Conc: 489.59 ng/ml



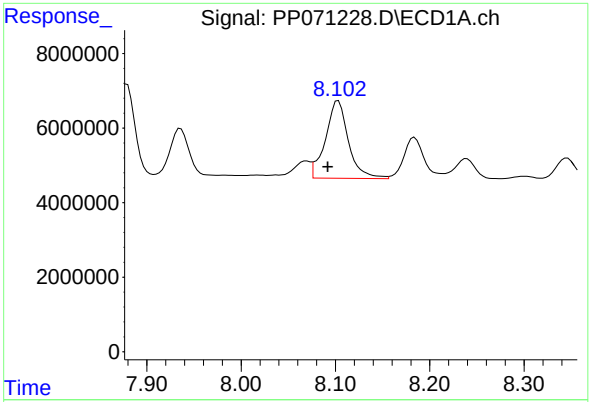
#33 AR-1260-3

R.T.: 7.879 min
Delta R.T.: 0.012 min
Response: 33933227
Conc: 424.60 ng/ml



#33 AR-1260-3

R.T.: 6.729 min
Delta R.T.: -0.005 min
Response: 27892510
Conc: 511.91 ng/ml



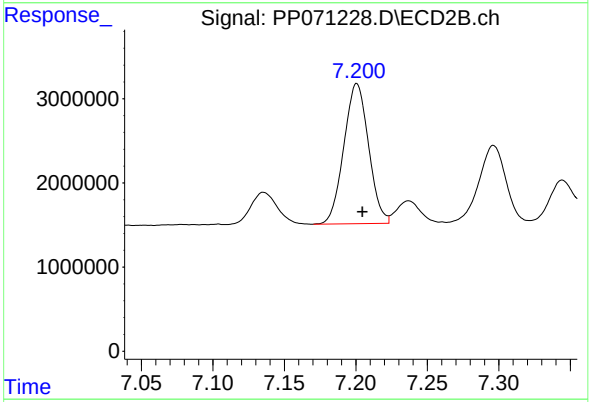
#34 AR-1260-4

R.T.: 8.103 min
Delta R.T.: 0.011 min
Response: 35294628
Conc: 448.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BS

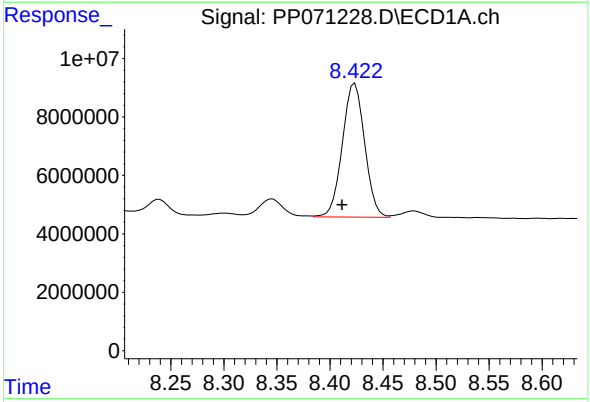
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



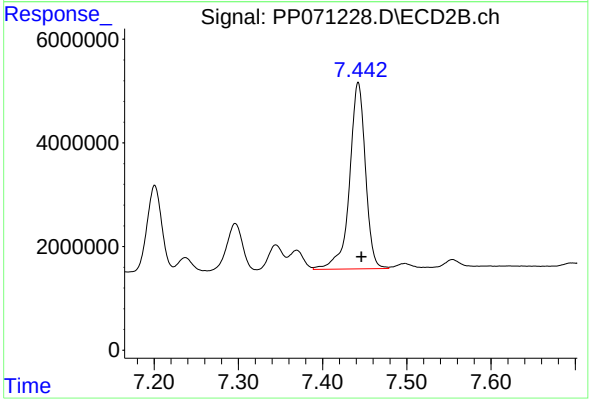
#34 AR-1260-4

R.T.: 7.201 min
Delta R.T.: -0.004 min
Response: 20037105
Conc: 418.96 ng/ml



#35 AR-1260-5

R.T.: 8.424 min
Delta R.T.: 0.012 min
Response: 66993575
Conc: 421.65 ng/ml



#35 AR-1260-5

R.T.: 7.442 min
Delta R.T.: -0.004 min
Response: 47131087
Conc: 378.53 ng/ml

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:	CTO WE13	Date Received:	
Client Sample ID:	PB167553BSD	SDG No.:	Q1774
Lab Sample ID:	PB167553BSD	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
PP071229.D	1	04/10/25 13:05	04/11/25 11:33	PB167553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	4.70		0.097	0.25	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.13	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.25	U	0.096	0.25	0.50	ug/L
53469-21-9	Aroclor-1242	0.25	U	0.12	0.25	0.50	ug/L
12672-29-6	Aroclor-1248	0.25	U	0.071	0.25	0.50	ug/L
11097-69-1	Aroclor-1254	0.25	U	0.094	0.25	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	0.25	U	0.11	0.25	0.50	ug/L
11096-82-5	Aroclor-1260	4.70		0.081	0.25	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	22.5		35 - 137		112%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.1		40 - 135		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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041125\
Data File : PP071229.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Apr 2025 11:33
Operator : YP\AJ
Sample : PB167553BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB167553BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/14/2025
Supervised By :mohammad ahmed 04/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 00:16:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.515	3.814	32288369	23284123	22.091	22.461
2)	SA Decachlor...	10.233	8.852	24299254	15539714	23.085	19.716
	Target Compounds						
3)	L1 AR-1016-1	5.668	4.900	22829779	18879244	448.952	470.943
4)	L1 AR-1016-2	5.689	4.919	35054112	26499185	449.103	457.948
5)	L1 AR-1016-3	5.752	5.095	20895429	15017117	442.938	485.625
6)	L1 AR-1016-4	5.849	5.137	17303684	11771695	470.775	483.320
7)	L1 AR-1016-5	6.142	5.351	15891969	15344373	468.622	474.747m
31)	L7 AR-1260-1	7.260	6.387	35811926	25896968	533.290	505.738
32)	L7 AR-1260-2	7.514	6.575	51979227	32109389	540.682	503.330
33)	L7 AR-1260-3	7.873	6.728	35550680	28149008	444.838	516.620
34)	L7 AR-1260-4	8.097	7.199	36009051	20720068	457.334	433.236
35)	L7 AR-1260-5	8.417	7.441	68223595	49038535	429.387	393.851

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041125\
Data File : PP071229.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Apr 2025 11:33
Operator : YP\AJ
Sample : PB167553BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

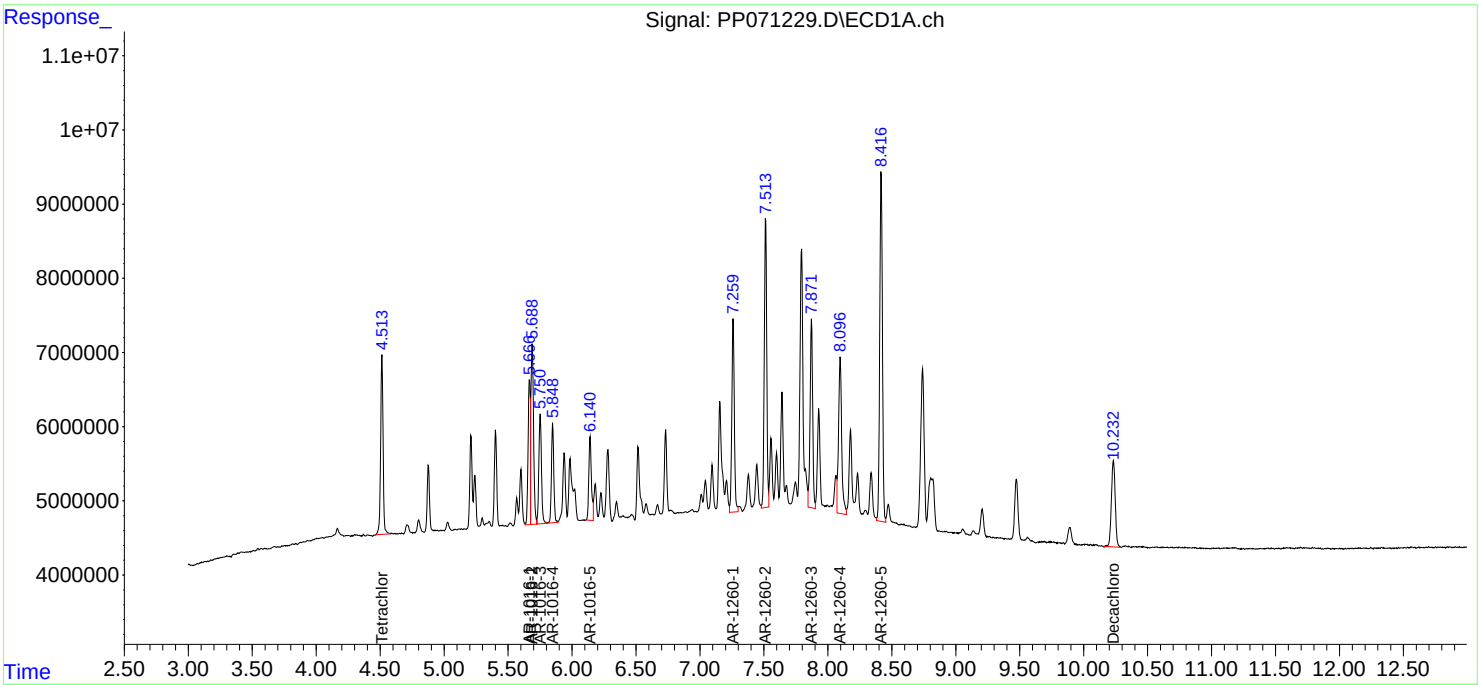
Instrument :
ECD_P
ClientSampleId :
PB167553BSD

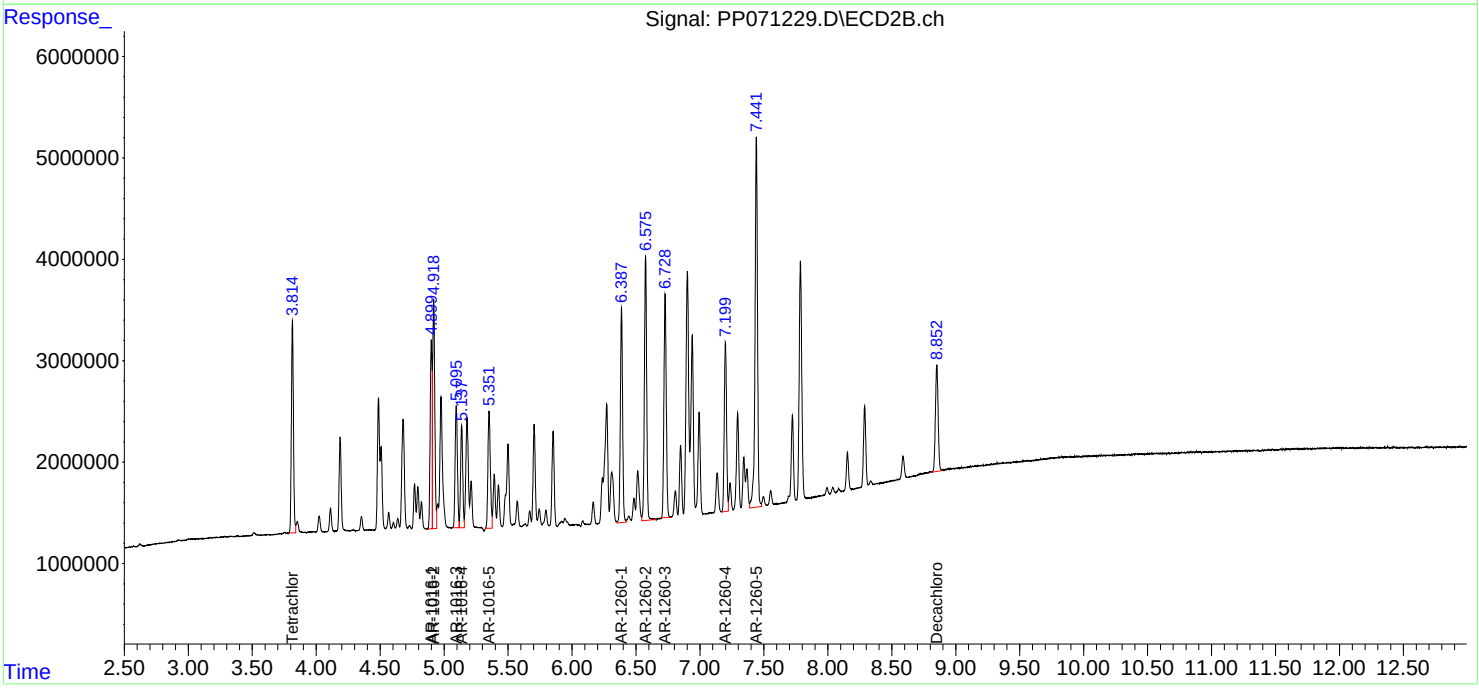
Manual Integrations APPROVED

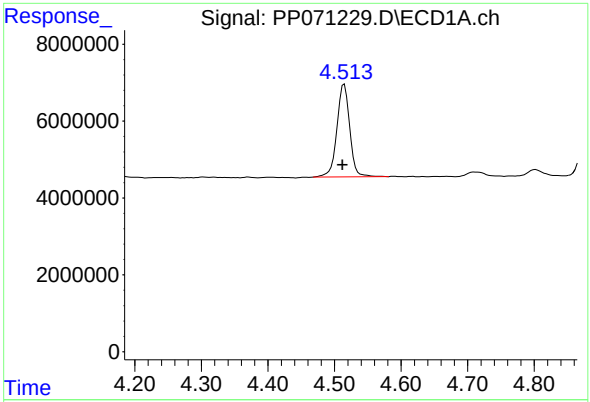
Reviewed By :Yogesh Patel 04/14/2025
Supervised By :mohammad ahmed 04/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 00:16:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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







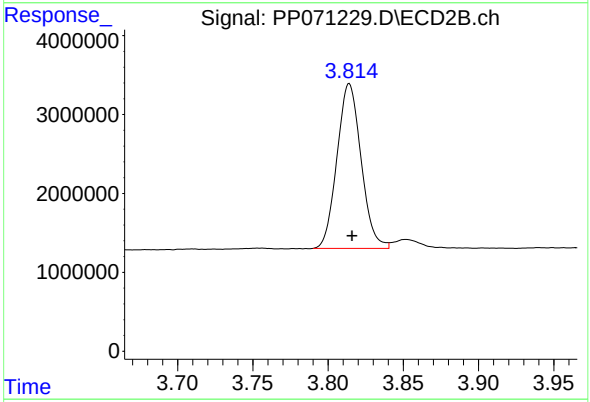
#1 Tetrachloro-m-xylene

R.T.: 4.515 min
Delta R.T.: 0.003 min
Response: 32288369
Conc: 22.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BSD

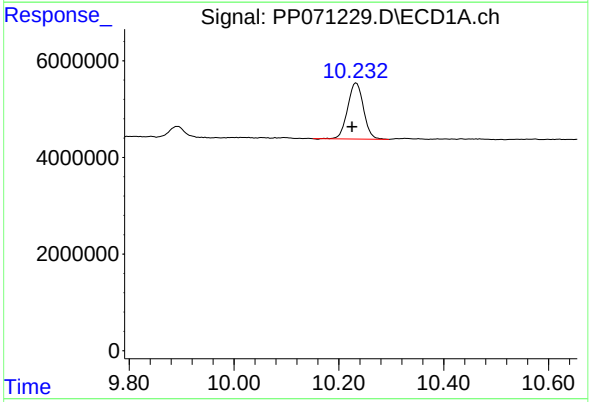
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



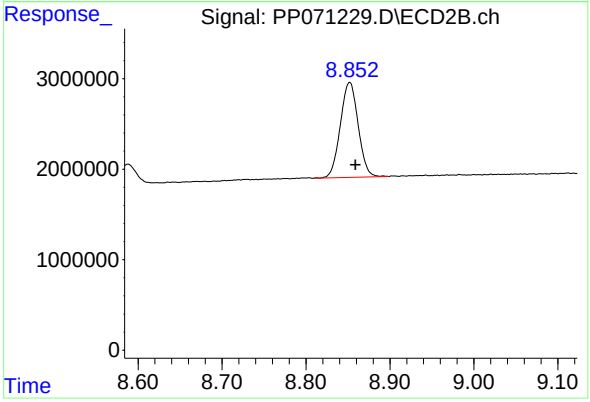
#1 Tetrachloro-m-xylene

R.T.: 3.814 min
Delta R.T.: -0.002 min
Response: 23284123
Conc: 22.46 ng/ml



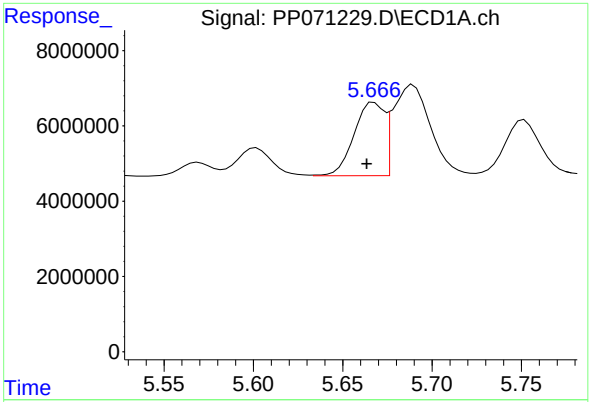
#2 Decachlorobiphenyl

R.T.: 10.233 min
Delta R.T.: 0.008 min
Response: 24299254
Conc: 23.08 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.852 min
Delta R.T.: -0.007 min
Response: 15539714
Conc: 19.72 ng/ml



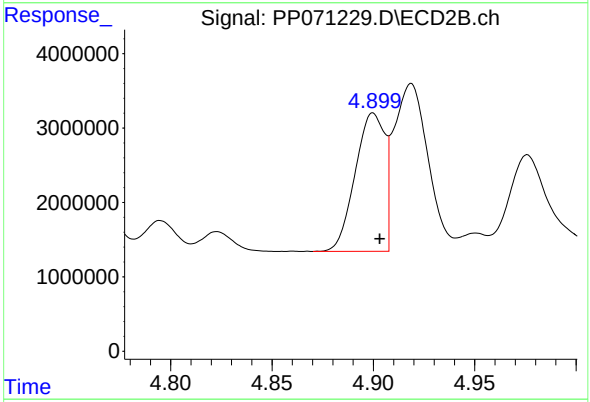
#3 AR-1016-1

R.T.: 5.668 min
Delta R.T.: 0.004 min
Response: 22829779
Conc: 448.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BSD

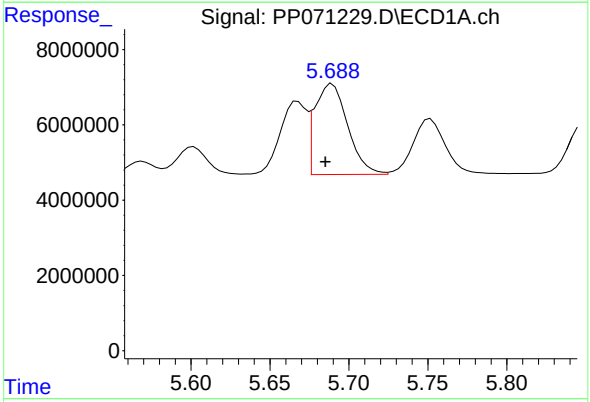
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



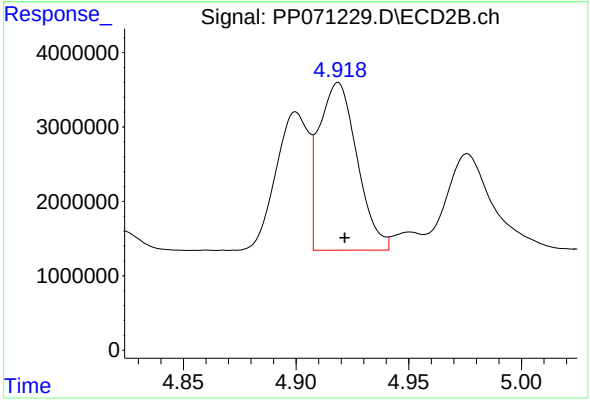
#3 AR-1016-1

R.T.: 4.900 min
Delta R.T.: -0.003 min
Response: 18879244
Conc: 470.94 ng/ml



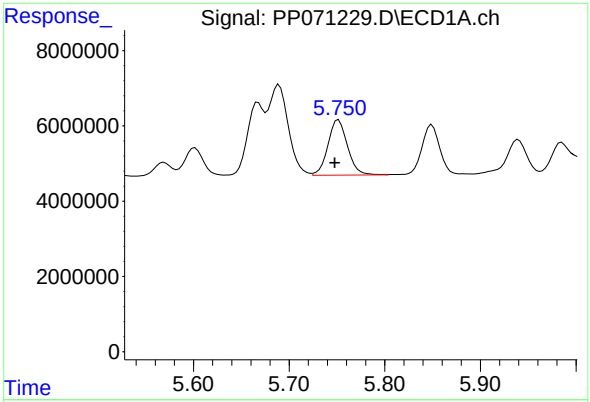
#4 AR-1016-2

R.T.: 5.689 min
Delta R.T.: 0.004 min
Response: 35054112
Conc: 449.10 ng/ml



#4 AR-1016-2

R.T.: 4.919 min
Delta R.T.: -0.003 min
Response: 26499185
Conc: 457.95 ng/ml



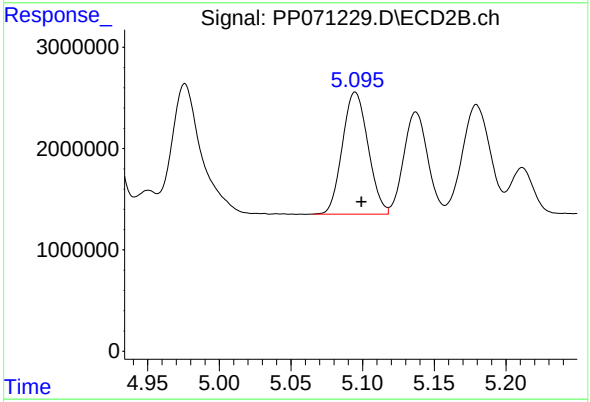
#5 AR-1016-3

R.T.: 5.752 min
Delta R.T.: 0.004 min
Response: 20895429
Conc: 442.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BSD

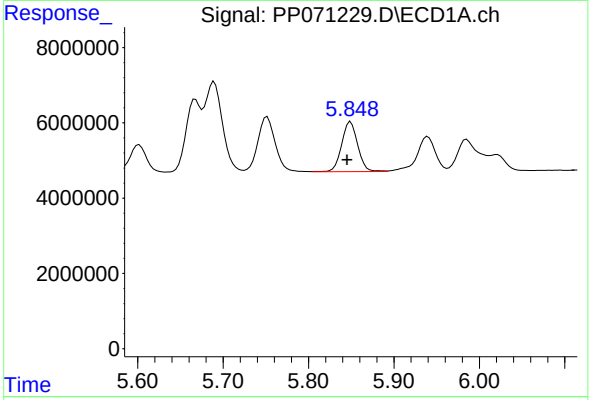
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



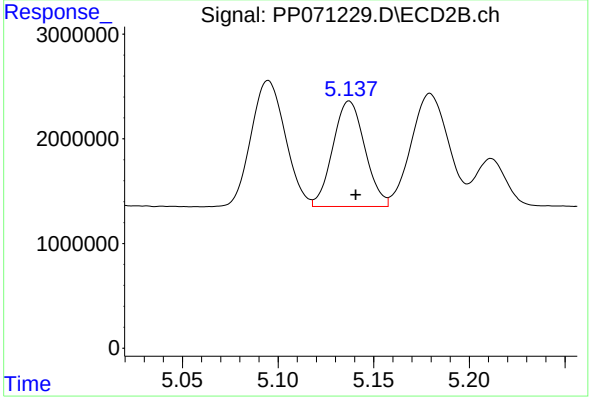
#5 AR-1016-3

R.T.: 5.095 min
Delta R.T.: -0.004 min
Response: 15017117
Conc: 485.62 ng/ml



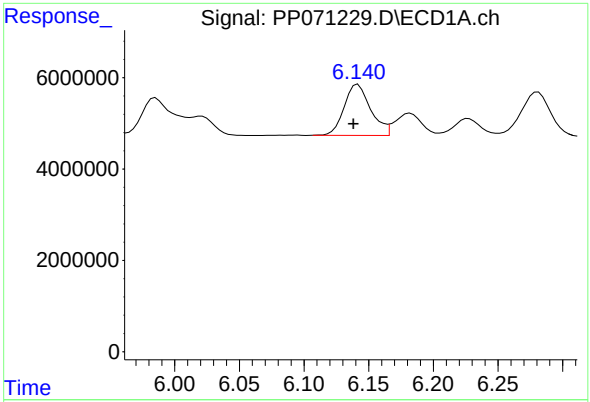
#6 AR-1016-4

R.T.: 5.849 min
Delta R.T.: 0.004 min
Response: 17303684
Conc: 470.78 ng/ml



#6 AR-1016-4

R.T.: 5.137 min
Delta R.T.: -0.003 min
Response: 11771695
Conc: 483.32 ng/ml



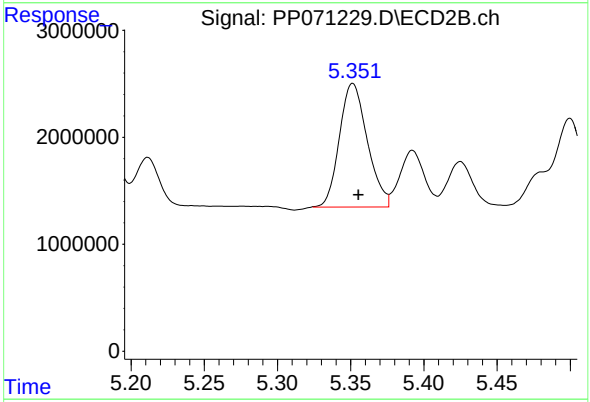
#7 AR-1016-5

R.T.: 6.142 min
Delta R.T.: 0.004 min
Response: 15891969
Conc: 468.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BSD

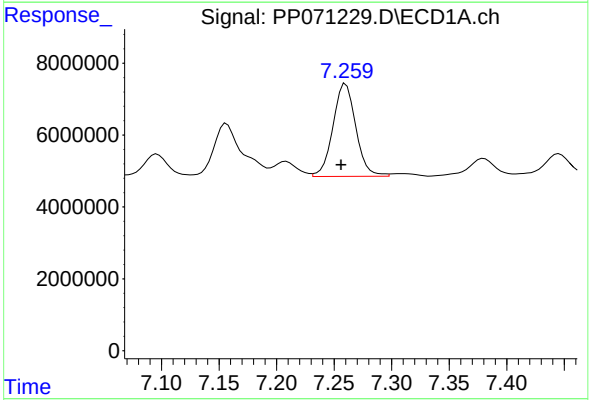
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



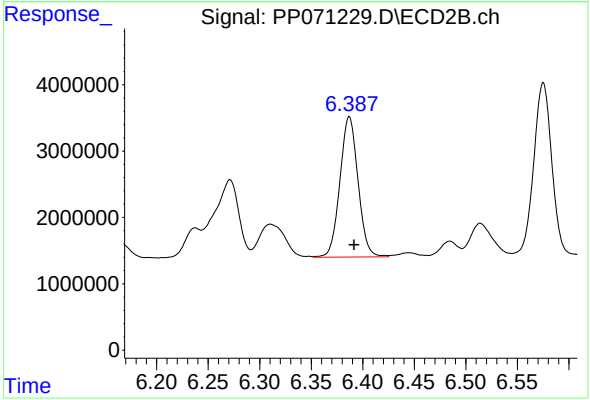
#7 AR-1016-5

R.T.: 5.351 min
Delta R.T.: -0.004 min
Response: 15344373
Conc: 474.75 ng/ml m



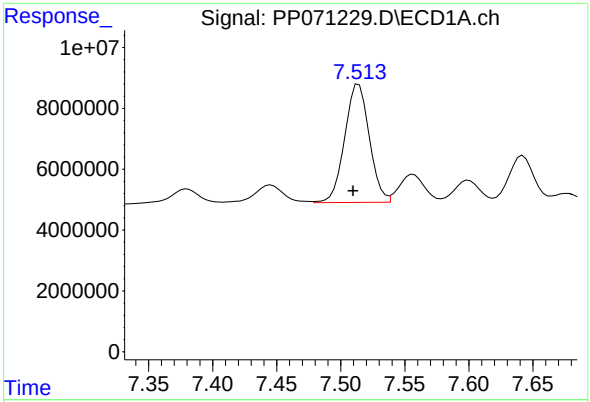
#31 AR-1260-1

R.T.: 7.260 min
Delta R.T.: 0.004 min
Response: 35811926
Conc: 533.29 ng/ml



#31 AR-1260-1

R.T.: 6.387 min
Delta R.T.: -0.005 min
Response: 25896968
Conc: 505.74 ng/ml



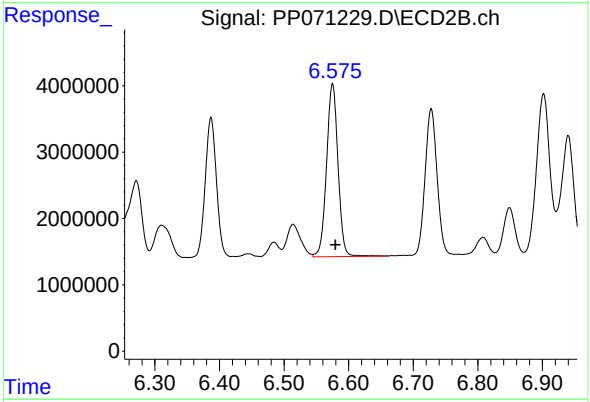
#32 AR-1260-2

R.T.: 7.514 min
Delta R.T.: 0.004 min
Response: 51979227
Conc: 540.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BSD

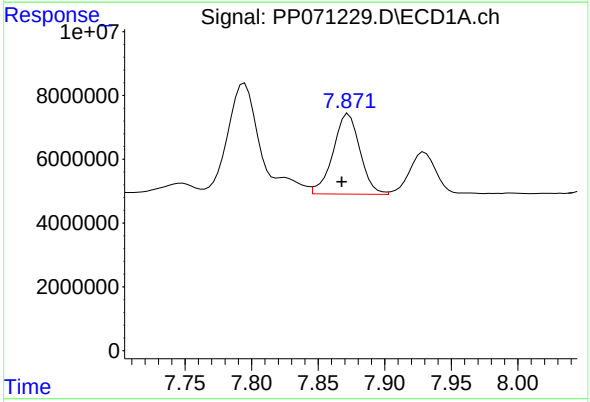
Manual Integrations APPROVED

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Supervised By :mohammad ahmed 04/15/2025



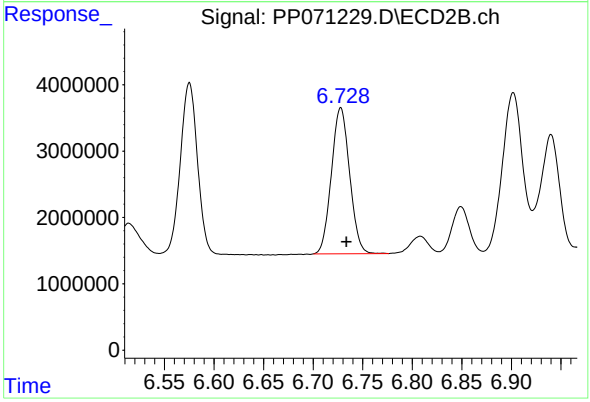
#32 AR-1260-2

R.T.: 6.575 min
Delta R.T.: -0.005 min
Response: 32109389
Conc: 503.33 ng/ml



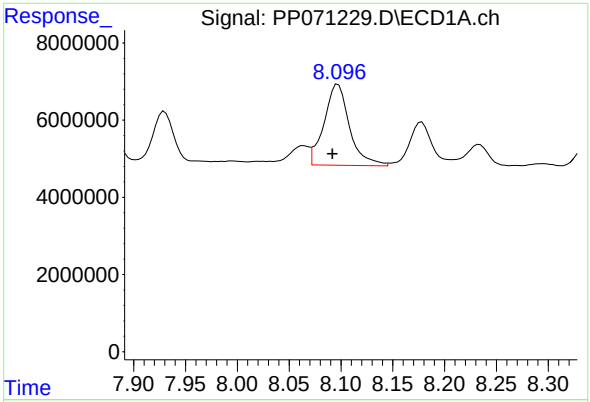
#33 AR-1260-3

R.T.: 7.873 min
Delta R.T.: 0.005 min
Response: 35550680
Conc: 444.84 ng/ml



#33 AR-1260-3

R.T.: 6.728 min
Delta R.T.: -0.006 min
Response: 28149008
Conc: 516.62 ng/ml



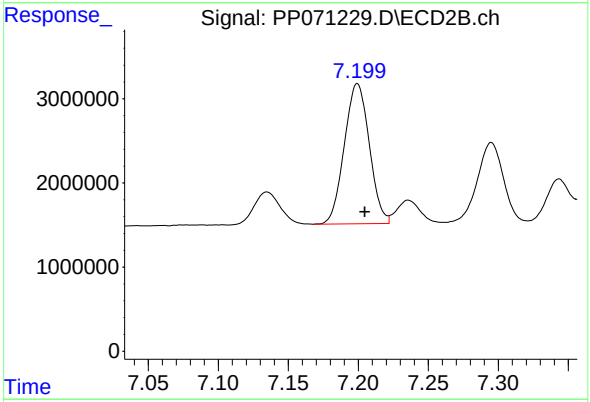
#34 AR-1260-4

R.T.: 8.097 min
Delta R.T.: 0.005 min
Response: 36009051
Conc: 457.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BSD

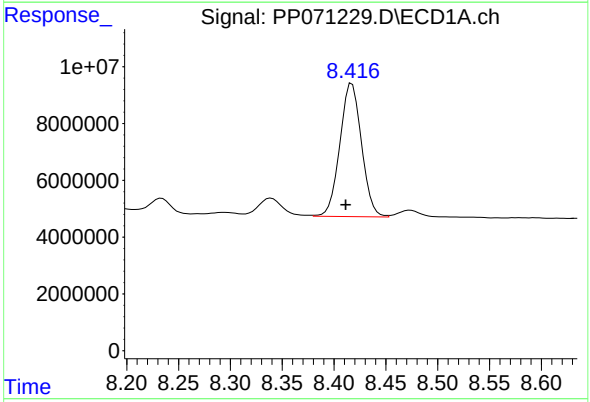
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



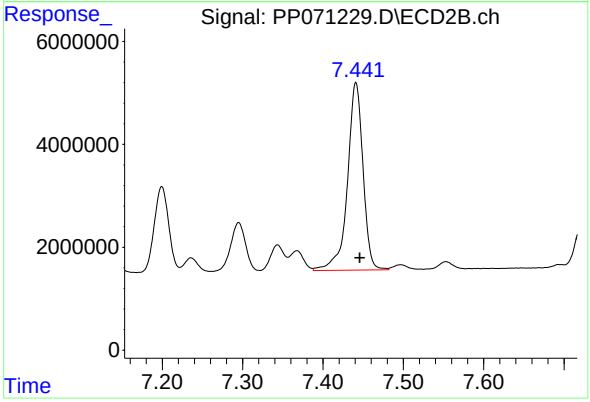
#34 AR-1260-4

R.T.: 7.199 min
Delta R.T.: -0.005 min
Response: 20720068
Conc: 433.24 ng/ml



#35 AR-1260-5

R.T.: 8.417 min
Delta R.T.: 0.006 min
Response: 68223595
Conc: 429.39 ng/ml



#35 AR-1260-5

R.T.: 7.441 min
Delta R.T.: -0.005 min
Response: 49038535
Conc: 393.85 ng/ml

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

Manual Integration Report

Sequence:	PP032725	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC250	PP070920.D	AR-1260-3	yogesh	3/28/2025 7:37:36 AM	mohammad	3/31/2025 1:17:13	Peak Integrated by Software
AR1660ICC250	PP070920.D	AR-1260-4	yogesh	3/28/2025 7:37:36 AM	mohammad	3/31/2025 1:17:13	Peak Integrated by Software
AR1660ICC250	PP070920.D	AR-1260-5	yogesh	3/28/2025 7:37:36 AM	mohammad	3/31/2025 1:17:13	Peak Integrated by Software
AR1660ICC050	PP070921.D	AR-1016-5	yogesh	3/28/2025 7:37:38 AM	mohammad	3/31/2025 1:17:13	Peak Integrated by Software
AR1660ICC050	PP070921.D	AR-1260-1	yogesh	3/28/2025 7:37:38 AM	mohammad	3/31/2025 1:17:13	Peak Integrated by Software
AR1660ICC050	PP070921.D	AR-1260-3	yogesh	3/28/2025 7:37:38 AM	mohammad	3/31/2025 1:17:13	Peak Integrated by Software
AR1660ICC050	PP070921.D	AR-1260-4	yogesh	3/28/2025 7:37:38 AM	mohammad	3/31/2025 1:17:13	Peak Integrated by Software
AR1660ICC050	PP070921.D	AR-1260-5	yogesh	3/28/2025 7:37:38 AM	mohammad	3/31/2025 1:17:13	Peak Integrated by Software
AR1232ICC500	PP070923.D	Decachlorobiphenyl	yogesh	3/28/2025 7:37:40 AM	mohammad	3/31/2025 1:17:13	Peak Integrated by Software
AR1242ICC050	PP070928.D	AR-1242-1	yogesh	3/28/2025 7:37:42 AM	mohammad	3/31/2025 1:17:13	Peak Integrated by Software
AR1242ICC050	PP070928.D	AR-1242-2	yogesh	3/28/2025 7:37:42 AM	mohammad	3/31/2025 1:17:13	Peak Integrated by Software
AR1242ICC050	PP070928.D	AR-1242-2 #2	yogesh	3/28/2025 7:37:42 AM	mohammad	3/31/2025 1:17:13	Peak Integrated by Software
AR1242ICC050	PP070928.D	AR-1242-3	yogesh	3/28/2025 7:37:42 AM	mohammad	3/31/2025 1:17:13	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP032725	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242ICC050	PP070928.D	AR-1242-4	yogesh	3/28/2025 7:37:42 AM	mohammad	3/31/2025 1:17:13	Peak Integrated by Software
AR1242ICC050	PP070928.D	AR-1242-4 #2	yogesh	3/28/2025 7:37:42 AM	mohammad	3/31/2025 1:17:13	Peak Integrated by Software
AR1242ICC050	PP070928.D	AR-1242-5	yogesh	3/28/2025 7:37:42 AM	mohammad	3/31/2025 1:17:13	Peak Integrated by Software
AR1242ICC050	PP070928.D	AR-1242-5 #2	yogesh	3/28/2025 7:37:42 AM	mohammad	3/31/2025 1:17:13	Peak Integrated by Software
AR1248ICC050	PP070933.D	AR-1248-2	yogesh	3/28/2025 7:37:44 AM	mohammad	3/31/2025 1:17:13	Peak Integrated by Software
AR1248ICC050	PP070933.D	AR-1248-3	yogesh	3/28/2025 7:37:44 AM	mohammad	3/31/2025 1:17:13	Peak Integrated by Software
AR1248ICC050	PP070933.D	AR-1248-4	yogesh	3/28/2025 7:37:44 AM	mohammad	3/31/2025 1:17:13	Peak Integrated by Software
AR1248ICC050	PP070933.D	AR-1248-5	yogesh	3/28/2025 7:37:44 AM	mohammad	3/31/2025 1:17:13	Peak Integrated by Software
AR1254ICC1000	PP070934.D	AR-1254-5	yogesh	3/28/2025 7:37:45 AM	mohammad	3/31/2025 1:17:13	Peak Integrated by Software
AR1254ICC750	PP070935.D	AR-1254-5	yogesh	3/28/2025 7:37:47 AM	mohammad	3/31/2025 1:17:13	Peak Integrated by Software
AR1254ICC250	PP070937.D	AR-1254-5	yogesh	3/28/2025 7:37:48 AM	mohammad	3/31/2025 1:17:13	Peak Integrated by Software
AR1268ICC1000	PP070940.D	AR-1268-1 #2	yogesh	3/28/2025 7:37:50 AM	mohammad	3/31/2025 1:17:13	Peak Integrated by Software
AR1268ICC750	PP070941.D	AR-1268-1 #2	yogesh	3/28/2025 7:37:51 AM	mohammad	3/31/2025 1:17:13	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP032725	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1268ICC500	PP070942.D	AR-1268-1 #2	yogesh	3/28/2025 7:37:53 AM	mohammad	3/31/2025 1:17:13	Peak Integrated by Software
AR1268ICC250	PP070943.D	AR-1268-1 #2	yogesh	3/28/2025 7:37:55 AM	mohammad	3/31/2025 1:17:13	Peak Integrated by Software
AR1268ICC050	PP070944.D	AR-1268-1 #2	yogesh	3/28/2025 7:37:56 AM	mohammad	3/31/2025 1:17:13	Peak Integrated by Software
AR1268ICC050	PP070944.D	AR-1268-4 #2	yogesh	3/28/2025 7:37:56 AM	mohammad	3/31/2025 1:17:13	Peak Integrated by Software
AR1268ICC050	PP070944.D	Tetrachloro-m-xylene	yogesh	3/28/2025 7:37:56 AM	mohammad	3/31/2025 1:17:13	Peak Integrated by Software
AR1254ICV500	PP070948.D	AR-1254-5	yogesh	3/28/2025 7:37:58 AM	mohammad	3/31/2025 1:17:13	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP041025	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC50 0	PP071191.D	Tetrachloro-m-xylene #2	yogesh	4/11/2025 7:49:41 AM	mohammad	4/14/2025 12:39:59	Peak Integrated by Software
AR1242CCC50 0	PP071192.D	Tetrachloro-m-xylene #2	yogesh	4/11/2025 7:49:43 AM	mohammad	4/14/2025 12:39:59	Peak Integrated by Software
AR1248CCC50 0	PP071193.D	Tetrachloro-m-xylene #2	yogesh	4/11/2025 7:49:46 AM	mohammad	4/14/2025 12:39:59	Peak Integrated by Software
AR1254CCC50 0	PP071194.D	Tetrachloro-m-xylene #2	yogesh	4/11/2025 7:49:47 AM	mohammad	4/14/2025 12:39:59	Peak Integrated by Software
AR1660CCC50 0	PP071206.D	AR-1016-5 #2	yogesh	4/11/2025 7:52:20 AM	mohammad	4/14/2025 12:39:59	Peak Integrated by Software
AR1254CCC50 0	PP071209.D	Tetrachloro-m-xylene #2	yogesh	4/11/2025 7:52:21 AM	mohammad	4/14/2025 12:39:59	Peak Integrated by Software
Q1774-03	PP071215.D	Tetrachloro-m-xylene #2	yogesh	4/11/2025 7:52:24 AM	mohammad	4/14/2025 12:39:59	Peak Integrated by Software
Q1774-04	PP071216.D	Tetrachloro-m-xylene #2	yogesh	4/11/2025 7:52:26 AM	mohammad	4/14/2025 12:39:59	Peak Integrated by Software
AR1660CCC50 0	PP071217.D	AR-1016-5 #2	yogesh	4/11/2025 7:52:29 AM	mohammad	4/14/2025 12:39:59	Peak Integrated by Software
AR1660CCC50 0	PP071217.D	AR-1260-1	yogesh	4/11/2025 7:52:29 AM	mohammad	4/14/2025 12:39:59	Peak Integrated by Software
AR1660CCC50 0	PP071217.D	Tetrachloro-m-xylene #2	yogesh	4/11/2025 7:52:29 AM	mohammad	4/14/2025 12:39:59	Peak Integrated by Software
AR1248CCC50 0	PP071219.D	Tetrachloro-m-xylene #2	yogesh	4/11/2025 7:52:27 AM	mohammad	4/14/2025 12:39:59	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP041025	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	pp041125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP071223.D	AR-1016-1	yogesh	4/14/2025 8:24:12 AM	mohammad	4/15/2025 1:25:57	Peak Integrated by Software
AR1660CCC500	PP071223.D	AR-1016-2	yogesh	4/14/2025 8:24:12 AM	mohammad	4/15/2025 1:25:57	Peak Integrated by Software
AR1660CCC500	PP071223.D	AR-1016-3	yogesh	4/14/2025 8:24:12 AM	mohammad	4/15/2025 1:25:57	Peak Integrated by Software
AR1660CCC500	PP071223.D	AR-1016-4	yogesh	4/14/2025 8:24:12 AM	mohammad	4/15/2025 1:25:57	Peak Integrated by Software
AR1660CCC500	PP071223.D	AR-1016-5	yogesh	4/14/2025 8:24:12 AM	mohammad	4/15/2025 1:25:57	Peak Integrated by Software
AR1660CCC500	PP071223.D	AR-1016-5 #2	yogesh	4/14/2025 8:24:12 AM	mohammad	4/15/2025 1:25:57	Peak Integrated by Software
AR1242CCC500	PP071224.D	Tetrachloro-m-xylene #2	yogesh	4/14/2025 8:24:14 AM	mohammad	4/15/2025 1:25:57	Peak Integrated by Software
AR1248CCC500	PP071225.D	AR-1248-4 #2	yogesh	4/14/2025 8:24:16 AM	mohammad	4/15/2025 1:25:57	Peak Integrated by Software
PB167553BS	PP071228.D	AR-1016-1	yogesh	4/14/2025 8:24:45 AM	mohammad	4/15/2025 1:25:57	Peak Integrated by Software
PB167553BS	PP071228.D	AR-1016-2	yogesh	4/14/2025 8:24:45 AM	mohammad	4/15/2025 1:25:57	Peak Integrated by Software
PB167553BS	PP071228.D	AR-1016-3	yogesh	4/14/2025 8:24:45 AM	mohammad	4/15/2025 1:25:57	Peak Integrated by Software
PB167553BS	PP071228.D	AR-1016-4	yogesh	4/14/2025 8:24:45 AM	mohammad	4/15/2025 1:25:57	Peak Integrated by Software
PB167553BS	PP071228.D	AR-1016-5	yogesh	4/14/2025 8:24:45 AM	mohammad	4/15/2025 1:25:57	Peak Integrated by Software

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Manual Integration Report

Sequence:	pp041125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB167553BS	PP071228.D	AR-1016-5 #2	yogesh	4/14/2025 8:24:45 AM	mohammad	4/15/2025 1:25:57	Peak Integrated by Software
PB167553BSD	PP071229.D	AR-1016-5 #2	yogesh	4/14/2025 8:24:17 AM	mohammad	4/15/2025 1:25:57	Peak Integrated by Software
AR1660CCC500	PP071238.D	AR-1016-5 #2	yogesh	4/14/2025 8:24:28 AM	mohammad	4/15/2025 1:25:57	Peak Integrated by Software
AR1248CCC500	PP071239.D	AR-1248-4 #2	yogesh	4/14/2025 8:24:30 AM	mohammad	4/15/2025 1:25:57	Peak Integrated by Software
AR1248CCC500	PP071239.D	Tetrachloro-m-xylene #2	yogesh	4/14/2025 8:24:30 AM	mohammad	4/15/2025 1:25:57	Peak Integrated by Software
AR1254CCC500	PP071240.D	AR-1254-4 #2	yogesh	4/14/2025 8:24:32 AM	mohammad	4/15/2025 1:25:57	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP032725

Review By	yogesh	Review On	3/27/2025 12:19:10 PM		
Supervise By	mohammad	Supervise On	3/31/2025 1:17:13 AM		
SubDirectory	PP032725	HP Acquire Method		HP Processing Method	PP032725

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP070915.D	27 Mar 2025 09:58	YP\AJ	Ok
2	I.BLK	PP070916.D	27 Mar 2025 10:14	YP\AJ	Ok
3	AR1660ICC1000	PP070917.D	27 Mar 2025 10:30	YP\AJ	Ok
4	AR1660ICC750	PP070918.D	27 Mar 2025 10:47	YP\AJ	Ok
5	AR1660ICC500	PP070919.D	27 Mar 2025 11:03	YP\AJ	Ok
6	AR1660ICC250	PP070920.D	27 Mar 2025 11:19	YP\AJ	Ok,M
7	AR1660ICC050	PP070921.D	27 Mar 2025 11:35	YP\AJ	Ok,M
8	AR1221ICC500	PP070922.D	27 Mar 2025 11:52	YP\AJ	Ok
9	AR1232ICC500	PP070923.D	27 Mar 2025 12:11	YP\AJ	Ok,M
10	AR1242ICC1000	PP070924.D	27 Mar 2025 12:28	YP\AJ	Ok
11	AR1242ICC750	PP070925.D	27 Mar 2025 12:44	YP\AJ	Ok
12	AR1242ICC500	PP070926.D	27 Mar 2025 13:00	YP\AJ	Ok
13	AR1242ICC250	PP070927.D	27 Mar 2025 13:16	YP\AJ	Ok
14	AR1242ICC050	PP070928.D	27 Mar 2025 13:33	YP\AJ	Ok,M
15	AR1248ICC1000	PP070929.D	27 Mar 2025 13:49	YP\AJ	Ok
16	AR1248ICC750	PP070930.D	27 Mar 2025 14:05	YP\AJ	Ok
17	AR1248ICC500	PP070931.D	27 Mar 2025 14:22	YP\AJ	Ok
18	AR1248ICC250	PP070932.D	27 Mar 2025 14:38	YP\AJ	Ok
19	AR1248ICC050	PP070933.D	27 Mar 2025 14:55	YP\AJ	Ok,M
20	AR1254ICC1000	PP070934.D	27 Mar 2025 15:11	YP\AJ	Ok,M
21	AR1254ICC750	PP070935.D	27 Mar 2025 15:27	YP\AJ	Ok,M

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Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP032725

Review By	yogesh	Review On	3/27/2025 12:19:10 PM		
Supervise By	mohammad	Supervise On	3/31/2025 1:17:13 AM		
SubDirectory	PP032725	HP Acquire Method		HP Processing Method	PP032725

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	AR1254ICC500	PP070936.D	27 Mar 2025 15:43	YP\AJ	Ok
23	AR1254ICC250	PP070937.D	27 Mar 2025 16:00	YP\AJ	Ok,M
24	AR1254ICC050	PP070938.D	27 Mar 2025 16:16	YP\AJ	Ok
25	AR1262ICC500	PP070939.D	27 Mar 2025 16:32	YP\AJ	Ok
26	AR1268ICC1000	PP070940.D	27 Mar 2025 16:48	YP\AJ	Ok,M
27	AR1268ICC750	PP070941.D	27 Mar 2025 17:05	YP\AJ	Ok,M
28	AR1268ICC500	PP070942.D	27 Mar 2025 17:21	YP\AJ	Ok,M
29	AR1268ICC250	PP070943.D	27 Mar 2025 17:37	YP\AJ	Ok,M
30	AR1268ICC050	PP070944.D	27 Mar 2025 17:53	YP\AJ	Ok,M
31	PP032725ICV500	PP070945.D	27 Mar 2025 18:26	YP\AJ	Ok
32	AR1242ICV500	PP070946.D	27 Mar 2025 18:42	YP\AJ	Ok
33	AR1248ICV500	PP070947.D	27 Mar 2025 19:15	YP\AJ	Ok
34	AR1254ICV500	PP070948.D	27 Mar 2025 19:47	YP\AJ	Ok,M
35	AR1268ICV500	PP070949.D	27 Mar 2025 20:20	YP\AJ	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP041025

Review By	yogesh	Review On	4/10/2025 11:26:32 AM		
Supervise By	mohammad	Supervise On	4/14/2025 12:39:59 AM		
SubDirectory	PP041025	HP Acquire Method		HP Processing Method	PP032725

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP071190.D	10 Apr 2025 08:40	YP\AJ	Ok
2	AR1660CCC500	PP071191.D	10 Apr 2025 09:33	YP\AJ	Ok,M
3	AR1242CCC500	PP071192.D	10 Apr 2025 09:51	YP\AJ	Ok,M
4	AR1248CCC500	PP071193.D	10 Apr 2025 10:08	YP\AJ	Ok,M
5	AR1254CCC500	PP071194.D	10 Apr 2025 10:26	YP\AJ	Ok,M
6	I.BLK	PP071195.D	10 Apr 2025 11:03	YP\AJ	Ok
7	PB167542BL	PP071196.D	10 Apr 2025 12:51	YP\AJ	Ok
8	PB167542BS	PP071197.D	10 Apr 2025 13:07	YP\AJ	Ok,M
9	Q1756-01	PP071198.D	10 Apr 2025 13:24	YP\AJ	Ok,M
10	Q1760-01	PP071199.D	10 Apr 2025 13:40	YP\AJ	Ok
11	Q1760-01MS	PP071200.D	10 Apr 2025 13:56	YP\AJ	Ok,M
12	Q1760-01MSD	PP071201.D	10 Apr 2025 14:13	YP\AJ	Ok,M
13	Q1760-05	PP071202.D	10 Apr 2025 14:29	YP\AJ	Ok,M
14	Q1771-01	PP071203.D	10 Apr 2025 14:45	YP\AJ	Ok,M
15	Q1771-05	PP071204.D	10 Apr 2025 15:01	YP\AJ	Ok,M
16	Q1771-09	PP071205.D	10 Apr 2025 15:18	YP\AJ	Ok,M
17	AR1660CCC500	PP071206.D	10 Apr 2025 16:34	YP\AJ	Ok,M
18	AR1242CCC500	PP071207.D	10 Apr 2025 17:22	YP\AJ	Ok
19	AR1248CCC500	PP071208.D	10 Apr 2025 17:39	YP\AJ	Ok
20	AR1254CCC500	PP071209.D	10 Apr 2025 17:55	YP\AJ	Ok,M
21	I.BLK	PP071210.D	10 Apr 2025 18:11	YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP041025

Review By	yogesh	Review On	4/10/2025 11:26:32 AM		
Supervise By	mohammad	Supervise On	4/14/2025 12:39:59 AM		
SubDirectory	PP041025	HP Acquire Method		HP Processing Method	PP032725

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PB167553BL	PP071211.D	10 Apr 2025 18:44	YP\AJ	Ok
23	PB167553BS	PP071212.D	10 Apr 2025 19:00	YP\AJ	Not Ok
24	PB167553BSD	PP071213.D	10 Apr 2025 19:16	YP\AJ	Not Ok
25	Q1774-02	PP071214.D	10 Apr 2025 19:33	YP\AJ	Ok
26	Q1774-03	PP071215.D	10 Apr 2025 19:49	YP\AJ	Ok,M
27	Q1774-04	PP071216.D	10 Apr 2025 20:05	YP\AJ	Ok,M
28	AR1660CCC500	PP071217.D	10 Apr 2025 21:21	YP\AJ	Ok,M
29	AR1242CCC500	PP071218.D	10 Apr 2025 22:10	YP\AJ	Ok
30	AR1248CCC500	PP071219.D	10 Apr 2025 22:26	YP\AJ	Ok,M
31	AR1254CCC500	PP071220.D	10 Apr 2025 22:42	YP\AJ	Ok
32	I.BLK	PP071221.D	10 Apr 2025 22:59	YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP041125

Review By	yogesh	Review On	4/11/2025 11:23:54 AM		
Supervise By	mohammad	Supervise On	4/15/2025 1:25:57 AM		
SubDirectory	PP041125	HP Acquire Method		HP Processing Method	PP032725

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP071222.D	11 Apr 2025 08:41	YP\AJ	Ok
2	AR1660CCC500	PP071223.D	11 Apr 2025 09:37	YP\AJ	Ok,M
3	AR1242CCC500	PP071224.D	11 Apr 2025 09:53	YP\AJ	Ok,M
4	AR1248CCC500	PP071225.D	11 Apr 2025 10:09	YP\AJ	Ok,M
5	AR1254CCC500	PP071226.D	11 Apr 2025 10:26	YP\AJ	Ok
6	I.BLK	PP071227.D	11 Apr 2025 10:42	YP\AJ	Ok
7	PB167553BS	PP071228.D	11 Apr 2025 11:17	YP\AJ	Ok,M
8	PB167553BSD	PP071229.D	11 Apr 2025 11:33	YP\AJ	Ok,M
9	PB167563BL	PP071230.D	11 Apr 2025 13:30	YP\AJ	Ok,M
10	PB167563BS	PP071231.D	11 Apr 2025 13:47	YP\AJ	Not Ok
11	PB167563BSD	PP071232.D	11 Apr 2025 14:03	YP\AJ	Not Ok
12	Q1763-02	PP071233.D	11 Apr 2025 14:19	YP\AJ	Ok,M
13	Q1764-02	PP071234.D	11 Apr 2025 14:36	YP\AJ	Ok
14	Q1767-01	PP071235.D	11 Apr 2025 14:52	YP\AJ	Ok,M
15	Q1767-04	PP071236.D	11 Apr 2025 15:08	YP\AJ	Not Ok
16	Q1768-01	PP071237.D	11 Apr 2025 15:25	YP\AJ	Ok
17	AR1660CCC500	PP071238.D	11 Apr 2025 17:35	YP\AJ	Ok,M
18	AR1248CCC500	PP071239.D	11 Apr 2025 17:51	YP\AJ	Ok,M
19	AR1254CCC500	PP071240.D	11 Apr 2025 18:08	YP\AJ	Ok,M
20	I.BLK	PP071241.D	11 Apr 2025 18:24	YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP032725

Review By	yogesh	Review On	3/27/2025 12:19:10 PM		
Supervise By	mohammad	Supervise On	3/31/2025 1:17:13 AM		
SubDirectory	PP032725	HP Acquire Method		HP Processing Method	PP032725

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP070915.D	27 Mar 2025 09:58		YP\AJ	Ok
2	I.BLK	I.BLK	PP070916.D	27 Mar 2025 10:14		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP070917.D	27 Mar 2025 10:30		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP070918.D	27 Mar 2025 10:47		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP070919.D	27 Mar 2025 11:03		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP070920.D	27 Mar 2025 11:19		YP\AJ	Ok,M
7	AR1660ICC050	AR1660ICC050	PP070921.D	27 Mar 2025 11:35		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP070922.D	27 Mar 2025 11:52		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP070923.D	27 Mar 2025 12:11		YP\AJ	Ok,M
10	AR1242ICC1000	AR1242ICC1000	PP070924.D	27 Mar 2025 12:28		YP\AJ	Ok
11	AR1242ICC750	AR1242ICC750	PP070925.D	27 Mar 2025 12:44		YP\AJ	Ok
12	AR1242ICC500	AR1242ICC500	PP070926.D	27 Mar 2025 13:00		YP\AJ	Ok
13	AR1242ICC250	AR1242ICC250	PP070927.D	27 Mar 2025 13:16		YP\AJ	Ok
14	AR1242ICC050	AR1242ICC050	PP070928.D	27 Mar 2025 13:33		YP\AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PP070929.D	27 Mar 2025 13:49		YP\AJ	Ok
16	AR1248ICC750	AR1248ICC750	PP070930.D	27 Mar 2025 14:05		YP\AJ	Ok
17	AR1248ICC500	AR1248ICC500	PP070931.D	27 Mar 2025 14:22		YP\AJ	Ok
18	AR1248ICC250	AR1248ICC250	PP070932.D	27 Mar 2025 14:38		YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP032725

Review By	yogesh	Review On	3/27/2025 12:19:10 PM		
Supervise By	mohammad	Supervise On	3/31/2025 1:17:13 AM		
SubDirectory	PP032725	HP Acquire Method		HP Processing Method	PP032725

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248ICC050	AR1248ICC050	PP070933.D	27 Mar 2025 14:55		YP\AJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PP070934.D	27 Mar 2025 15:11		YP\AJ	Ok,M
21	AR1254ICC750	AR1254ICC750	PP070935.D	27 Mar 2025 15:27		YP\AJ	Ok,M
22	AR1254ICC500	AR1254ICC500	PP070936.D	27 Mar 2025 15:43		YP\AJ	Ok
23	AR1254ICC250	AR1254ICC250	PP070937.D	27 Mar 2025 16:00		YP\AJ	Ok,M
24	AR1254ICC050	AR1254ICC050	PP070938.D	27 Mar 2025 16:16		YP\AJ	Ok
25	AR1262ICC500	AR1262ICC500	PP070939.D	27 Mar 2025 16:32		YP\AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP070940.D	27 Mar 2025 16:48		YP\AJ	Ok,M
27	AR1268ICC750	AR1268ICC750	PP070941.D	27 Mar 2025 17:05		YP\AJ	Ok,M
28	AR1268ICC500	AR1268ICC500	PP070942.D	27 Mar 2025 17:21		YP\AJ	Ok,M
29	AR1268ICC250	AR1268ICC250	PP070943.D	27 Mar 2025 17:37		YP\AJ	Ok,M
30	AR1268ICC050	AR1268ICC050	PP070944.D	27 Mar 2025 17:53		YP\AJ	Ok,M
31	PP032725ICV500	ICVPP032725	PP070945.D	27 Mar 2025 18:26		YP\AJ	Ok
32	AR1242ICV500	ICVPP032725AR1242	PP070946.D	27 Mar 2025 18:42		YP\AJ	Ok
33	AR1248ICV500	ICVPP032725AR1248	PP070947.D	27 Mar 2025 19:15		YP\AJ	Ok
34	AR1254ICV500	ICVPP032725AR1254	PP070948.D	27 Mar 2025 19:47		YP\AJ	Ok,M
35	AR1268ICV500	ICVPP032725AR1268	PP070949.D	27 Mar 2025 20:20		YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP041025

Review By	yogesh	Review On	4/10/2025 11:26:32 AM		
Supervise By	mohammad	Supervise On	4/14/2025 12:39:59 AM		
SubDirectory	PP041025	HP Acquire Method		HP Processing Method	PP032725

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP071190.D	10 Apr 2025 08:40		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP071191.D	10 Apr 2025 09:33		YP\AJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PP071192.D	10 Apr 2025 09:51		YP\AJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PP071193.D	10 Apr 2025 10:08		YP\AJ	Ok,M
5	AR1254CCC500	AR1254CCC500	PP071194.D	10 Apr 2025 10:26		YP\AJ	Ok,M
6	I.BLK	I.BLK	PP071195.D	10 Apr 2025 11:03		YP\AJ	Ok
7	PB167542BL	PB167542BL	PP071196.D	10 Apr 2025 12:51		YP\AJ	Ok
8	PB167542BS	PB167542BS	PP071197.D	10 Apr 2025 13:07		YP\AJ	Ok,M
9	Q1756-01	TP-9	PP071198.D	10 Apr 2025 13:24		YP\AJ	Ok,M
10	Q1760-01	TP-17	PP071199.D	10 Apr 2025 13:40		YP\AJ	Ok
11	Q1760-01MS	TP-17MS	PP071200.D	10 Apr 2025 13:56		YP\AJ	Ok,M
12	Q1760-01MSD	TP-17MSD	PP071201.D	10 Apr 2025 14:13		YP\AJ	Ok,M
13	Q1760-05	TP-15	PP071202.D	10 Apr 2025 14:29	AR1260 Hit	YP\AJ	Ok,M
14	Q1771-01	TP-6C	PP071203.D	10 Apr 2025 14:45	AR1254 + AR1260 Hit	YP\AJ	Ok,M
15	Q1771-05	TP-7C	PP071204.D	10 Apr 2025 15:01		YP\AJ	Ok,M
16	Q1771-09	TP-3A	PP071205.D	10 Apr 2025 15:18		YP\AJ	Ok,M
17	AR1660CCC500	AR1660CCC500	PP071206.D	10 Apr 2025 16:34		YP\AJ	Ok,M
18	AR1242CCC500	AR1242CCC500	PP071207.D	10 Apr 2025 17:22		YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP041025

Review By	yogesh	Review On	4/10/2025 11:26:32 AM		
Supervise By	mohammad	Supervise On	4/14/2025 12:39:59 AM		
SubDirectory	PP041025	HP Acquire Method		HP Processing Method	PP032725

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248CCC500	AR1248CCC500	PP071208.D	10 Apr 2025 17:39		YP\AJ	Ok
20	AR1254CCC500	AR1254CCC500	PP071209.D	10 Apr 2025 17:55		YP\AJ	Ok,M
21	I.BLK	I.BLK	PP071210.D	10 Apr 2025 18:11		YP\AJ	Ok
22	PB167553BL	PB167553BL	PP071211.D	10 Apr 2025 18:44		YP\AJ	Ok
23	PB167553BS	PB167553BS	PP071212.D	10 Apr 2025 19:00		YP\AJ	Not Ok
24	PB167553BSD	PB167553BSD	PP071213.D	10 Apr 2025 19:16	DCB & TCMX High in 1st column	YP\AJ	Not Ok
25	Q1774-02	TT-073-IDWGW-20250	PP071214.D	10 Apr 2025 19:33		YP\AJ	Ok
26	Q1774-03	TT-074-IDWGW-20250	PP071215.D	10 Apr 2025 19:49	DCB Low in 2nd column	YP\AJ	Ok,M
27	Q1774-04	TT-075-IDWGW-20250	PP071216.D	10 Apr 2025 20:05	DCB Low in 2nd column	YP\AJ	Ok,M
28	AR1660CCC500	AR1660CCC500	PP071217.D	10 Apr 2025 21:21		YP\AJ	Ok,M
29	AR1242CCC500	AR1242CCC500	PP071218.D	10 Apr 2025 22:10		YP\AJ	Ok
30	AR1248CCC500	AR1248CCC500	PP071219.D	10 Apr 2025 22:26		YP\AJ	Ok,M
31	AR1254CCC500	AR1254CCC500	PP071220.D	10 Apr 2025 22:42		YP\AJ	Ok
32	I.BLK	I.BLK	PP071221.D	10 Apr 2025 22:59		YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP041125

Review By	yogesh	Review On	4/11/2025 11:23:54 AM		
Supervise By	mohammad	Supervise On	4/15/2025 1:25:57 AM		
SubDirectory	PP041125	HP Acquire Method		HP Processing Method	PP032725

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP071222.D	11 Apr 2025 08:41		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP071223.D	11 Apr 2025 09:37		YP\AJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PP071224.D	11 Apr 2025 09:53	DCB high in 1st column	YP\AJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PP071225.D	11 Apr 2025 10:09	DCB high in 1st column	YP\AJ	Ok,M
5	AR1254CCC500	AR1254CCC500	PP071226.D	11 Apr 2025 10:26		YP\AJ	Ok
6	I.BLK	I.BLK	PP071227.D	11 Apr 2025 10:42		YP\AJ	Ok
7	PB167553BS	PB167553BS	PP071228.D	11 Apr 2025 11:17		YP\AJ	Ok,M
8	PB167553BSD	PB167553BSD	PP071229.D	11 Apr 2025 11:33		YP\AJ	Ok,M
9	PB167563BL	PB167563BL	PP071230.D	11 Apr 2025 13:30		YP\AJ	Ok,M
10	PB167563BS	PB167563BS	PP071231.D	11 Apr 2025 13:47	Recovery fail	YP\AJ	Not Ok
11	PB167563BSD	PB167563BSD	PP071232.D	11 Apr 2025 14:03	AR1260 recovery high	YP\AJ	Not Ok
12	Q1763-02	AUD-25-0047	PP071233.D	11 Apr 2025 14:19		YP\AJ	Ok,M
13	Q1764-02	BUR-25-COMP	PP071234.D	11 Apr 2025 14:36	TCMX high in 2nd column	YP\AJ	Ok
14	Q1767-01	NWB-2152	PP071235.D	11 Apr 2025 14:52		YP\AJ	Ok,M
15	Q1767-04	NWB-2106	PP071236.D	11 Apr 2025 15:08	Need cleanup	YP\AJ	Not Ok
16	Q1768-01	CRUSHED STONE	PP071237.D	11 Apr 2025 15:25		YP\AJ	Ok
17	AR1660CCC500	AR1660CCC500	PP071238.D	11 Apr 2025 17:35		YP\AJ	Ok,M
18	AR1248CCC500	AR1248CCC500	PP071239.D	11 Apr 2025 17:51	DCB high in 1st column	YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP041125

Review By	yogesh	Review On	4/11/2025 11:23:54 AM		
Supervise By	mohammad	Supervise On	4/15/2025 1:25:57 AM		
SubDirectory	PP041125	HP Acquire Method		HP Processing Method	PP032725

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1254CCC500	AR1254CCC500	PP071240.D	11 Apr 2025 18:08		YP\AJ	Ok,M
20	I.BLK	I.BLK	PP071241.D	11 Apr 2025 18:24		YP\AJ	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB167553

SOP ID: M3510C,3580A-Extraction PCB-14

Clean Up SOP #: Acid Cleanup

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3880

Extraction By: RS

Filter By: RS

pH Meter ID: N/A

Hood ID: 4,6,7

Extraction Start Date : 04/10/2025

Extraction Start Time : 13:05

Extraction End Date : 04/10/2025

Extraction End Time : 17:55

Concentration By: EH

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	PP24328
Surrogate	1.0ML	200 PPB	PP24217
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3926
Baked Na2SO4	N/A	EP2599
Hexane	N/A	E3916
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# 03-40BTS721.

KD Bath ID: WATER BATH-1,2

KD Bath Temperature: 60 °C

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
04/10/25	RP (Std. 2 cc)	T-Prep IPCB.
18:00	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB167553

Analytical Method: M3510C,3580A-Extraction PCB-14 **Concentration Date:** 04/10/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167553BL	ABLK553	PCB	1000	6	ritesh	rajesh	10			SEP-01
PB167553BS	ALCS553	PCB	1000	6	ritesh	rajesh	10			2
PB167553BSD	ALCSD553	PCB	1000	6	ritesh	rajesh	10			3
Q1774-02	TT-073-IDWGW-20250409	PCB	970	6	ritesh	rajesh	10	C		4
Q1774-03	TT-074-IDWGW-20250409	PCB	970	6	ritesh	rajesh	10	C		5
Q1774-04	TT-075-IDWGW-20250409	PCB	980	6	ritesh	rajesh	10	C		6

* **Extracts relinquished on the same date as received.**

4/10/25

167553
13:05

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1774 **WorkList ID :** 188852 **Department :** Extraction **Date :** 04-10-2025 12:58:37

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1774-02	TT-073-IDWGW-20250409	Water	PCB	Cool 4 deg C	TETR06	F11	04/09/2025	8082A
Q1774-03	TT-074-IDWGW-20250409	Water	PCB	Cool 4 deg C	TETR06	F11	04/09/2025	8082A
Q1774-04	TT-075-IDWGW-20250409	Water	PCB	Cool 4 deg C	TETR06	F11	04/09/2025	8082A

Date/Time 04/10/23 13:00
Raw Sample Received by: RT (SOL Inc) DM
Raw Sample Relinquished by: DM

Date/Time 04/10/23 13:20
Raw Sample Received by: DM
Raw Sample Relinquished by: RT (SOL Inc)

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Prep Standard - Chemical Standard Summary

Order ID : Q1774

Test : PCB

Prepbatch ID : PB167553,

Sequence ID/Qc Batch ID: PP041025,pp041125,

Standard ID :
EP2565,EP2599,PP24217,PP24328,PP24329,PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369,PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387,

Chemical ID :
E3551,E3804,E3876,E3877,E3916,E3926,M5173,P11522,P12699,P12702,P12931,P12936,P12948,P12949,P12957,P13354,P13356,P13373,P13381,P13589,P13591,P13697,P13702,P13830,P13878,P13883,W3112,W3177,

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Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
314	1.1 H2SO4 SOLN	EP2565	11/20/2024	05/20/2025	Rajesh Parikh	None	None	RUPESHKUMAR SHAH 11/20/2024

FROM 1000.00000ml of M5173 + 1000.00000ml of W3112 = Final Quantity: 2000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3923	Baked Sodium Sulfate	EP2599	04/07/2025	07/01/2025	Rajesh Parikh	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 04/07/2025

FROM 4000.00000gram of E3551 = Final Quantity: 4000.000 gram

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
465	200 PPB Pest/PCB Surrogate Spike	PP24217	03/05/2025	08/25/2025	Abdul Mirza	None	None	Yogesh Patel 03/06/2025

FROM 1.00000ml of P13354 + 999.00000ml of E3876 = Final Quantity: 1000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3857	5000 PPB PCB SPIKE SOLUTION 2ND SOURCE	PP24328	03/17/2025	08/25/2025	Abdul Mirza	None	None	Yogesh Patel 04/02/2025

FROM 0.50000ml of P12948 + 99.50000ml of E3876 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
84	Pest/PCB Surrogate Stock 20 PPM	PP24329	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P13356 + 9.00000ml of W3177 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
202	AR1660 1000/100 ppb working solution 1st source	PP24330	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P13697 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
203	AR1660 750 PPB STD	PP24331	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24330 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
204	AR1660 500 PPB STD	PP24332	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24330 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
205	AR1660 250 PPB STD	PP24333	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24330 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
206	AR1660 50 PPB STD	PP24334	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24332 = Final Quantity: 1.000 ml

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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	PP24335	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P13702 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1079	AR1221 750 PPB STD	PP24336	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24335 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
222	AR1221 500 PPB STD	PP24337	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24335 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1080	AR1221 250 PPB STD	PP24338	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24335 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1081	AR1221 50 PPB STD	PP24339	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24337 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
214	AR1232 1000 PPB WORKING SOLUTION	PP24340	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P13878 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1063	AR1232 750 PPB STD	PP24341	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24340 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
223	AR1232 500 PPB STD	PP24342	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24340 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1064	AR1232 250 PPB STD	PP24343	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24340 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1065	AR1232 50 PPB STD	PP24344	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24342 = Final Quantity: 1.000 ml

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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	PP24345	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P12931 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1067	AR1242 750 PPB STD	PP24346	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.75000ml of PP24345 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
224	AR1242 500 PPB STD	PP24347	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24345 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1068	AR1242 250 PPB STD	PP24348	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24345 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1069	AR1242 50 PPB STD	PP24349	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24347 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
216	AR1248 1000 PPB WORKING STD	PP24350	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P12936 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1075	AR1248 750 PPB STD	PP24351	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24350 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
225	AR1248 500 PPB STD	PP24352	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24350 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1076	AR1248 250 PPB STD	PP24353	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24350 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1077	AR1248 50 PPB STD	PP24354	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24352 = Final Quantity: 1.000 ml

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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	PP24355	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P13830 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1071	AR1254 750 PPB STD	PP24356	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24355 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
226	AR1254 500 PPB STD	PP24357	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24355 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1072	AR1254 250 PPB STD	PP24358	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24355 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1073	AR1254 50 PPB STD	PP24359	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24357 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1529	AR1262 1000 PPB Working Solution	PP24360	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P13883 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3753	AR1262 750 PPB STD	PP24361	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24360 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1530	AR1262 500 PPB STD	PP24362	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24360 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3754	AR1262 250 PPB STD	PP24363	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24360 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3755	AR1262 50 PPB STD	PP24364	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24362 = Final Quantity: 1.000 ml

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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	PP24365	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P13381 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3820	AR1268 750 PPB STD	PP24366	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24365 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1533	AR1268 500 PPB STD	PP24367	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24365 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3821	AR1268 250 PPB STD	PP24368	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24365 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3822	AR1268 50 PPB STD	PP24369	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24367 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
404	AR1660 100 PPM Stock Solution 2nd Source	PP24370	03/18/2025	09/18/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P12949 + 9.00000ml of E3804 = Final Quantity: 10.000 ml

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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	PP24371	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 98.50000ml of W3177 + 0.50000ml of PP24329 + 1.00000ml of PP24370 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
406	AR1660 500 PPB ICV	PP24372	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24371 = Final Quantity: 1.000 ml

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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)	PP24373	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P13373 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1886	AR1221 500 PPB ICV	PP24374	03/18/2025	08/12/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of E3877 + 0.50000ml of W3177 = Final Quantity: 1.000 ml

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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	PP24375	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P12699 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1888	AR1232 500 PPB ICV	PP24376	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24375 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1889	AR1242 1000 PPB Working Sol. 2nd Source	PP24377	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P13589 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1891	AR1242 500 PPB ICV	PP24378	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24377 = Final Quantity: 1.000 ml

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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	PP24379	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P13591 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1892	AR1248 500 PPB ICV	PP24380	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24379 = Final Quantity: 1.000 ml

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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	PP24381	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P12957 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1894	AR1254 500 PPB ICV	PP24382	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24381 = Final Quantity: 1.000 ml

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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	PP24384	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P12702 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3758	AR1262 500 PPB STD ICV	PP24385	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24384 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3817	AR1268 1000 ppb Working Soln. 2nd source	PP24386	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P11522 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3823	AR1268 500 PPB STD ICV	PP24387	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24386 = Final Quantity: 1.000 ml

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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-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H2762008	08/25/2025	02/25/2025 / Rajesh	02/12/2025 / Rajesh	E3876

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	243570	08/12/2025	02/12/2025 / Rajesh	02/12/2025 / Rajesh	E3877

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	243570	10/03/2025	04/03/2025 / Rajesh	03/31/2025 / Rajesh	E3916

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25A0262002	10/08/2025	04/08/2025 / Rajesh	02/07/2025 / Rajesh	E3926

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9673-33 / Sulfuric Acid, Instra-Analyzed (cs/6c2.5L)	0000281827	06/02/2025	06/01/2022 / william	04/05/2022 / william	M5173

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-382-1 / Aroclor 1268	0006587800	09/18/2025	03/18/2025 / yogesh	02/21/2022 / Ankita	P11522

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards,Inc	91867 / Aroclor 1232 100 ug/mL	020823	09/18/2025	03/18/2025 / yogesh	08/07/2023 / Ankita	P12699

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards,Inc	x9166 / Aroclor 1262 100 ug/mL	060523	09/18/2025	03/18/2025 / yogesh	08/07/2023 / Ankita	P12702

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32009 / PCB Mix, Aroclor 1242, 1000ug/mL, Hexane, 1mL/ampul	a0203672	09/18/2025	03/18/2025 / yogesh	12/07/2023 / Ankita	P12931

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32010 / PCB Mix, Aroclor 1248, 1000ug/mL, Hexane, 1mL/ampul	a0202803	09/18/2025	03/18/2025 / yogesh	12/07/2023 / Ankita	P12936

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	022023	08/27/2025	02/27/2025 / Ankita	12/20/2023 / Yogesh	P12948

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	022023	09/18/2025	03/18/2025 / yogesh	12/20/2023 / Yogesh	P12949

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ Arochlor 1254	121823	04/03/2025	10/03/2024 / Ankita	12/20/2023 / Yogesh	P12957

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0206810	09/05/2025	03/05/2025 / Abdul	04/22/2024 / Abdul	P13354

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0206810	09/18/2025	03/18/2025 / yogesh	04/22/2024 / Abdul	P13356

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-292-1 / Aroclor 1221	0006783205	09/18/2025	03/18/2025 / yogesh	05/02/2024 / Ankita	P13373

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32410 / PCB Stock Solution, Aroclor 1268 Std, 1mL, Hexane	A0207475	09/18/2025	03/18/2025 / yogesh	05/03/2024 / Abdul	P13381

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-312-1 / Aroclor 1242	0006665550	09/18/2025	03/18/2025 / yogesh	10/14/2024 / Ankita	P13589

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-342-1 / Aroclor 1248	0006726317	09/18/2025	03/18/2025 / yogesh	10/14/2024 / Ankita	P13591

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32039 / PCB Mix, Aroclor 1016/1260, 1000ug/mL, hexane, 1mL/ampul	A0210629	09/18/2025	03/18/2025 / yogesh	10/17/2024 / yogesh	P13697

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32007 / PCB Mix, Aroclor 1221, 1000ug/mL, Hexane, 1mL/ampul	A0215270	09/18/2025	03/18/2025 / yogesh	10/17/2024 / yogesh	P13702

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32011 / PCB Mix, Aroclor 1254, 1000ug/mL, Hexane, 1mL/ampul	A0217391	09/18/2025	03/18/2025 / yogesh	12/09/2024 / Ankita	P13830

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32008 / PCB Mix, Aroclor 1232, 1000ug/mL, Hexane, 1mL/ampul	A0219655	09/18/2025	03/18/2025 / yogesh	01/23/2025 / Ankita	P13878

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32409 / PCB Stock Solution, Aroclor 1262 Std, 1mL, Hexane	A0220950	09/18/2025	03/18/2025 / yogesh	01/23/2025 / Ankita	P13883

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	24G1962003	08/22/2025	02/03/2025 / jignesh	01/31/2025 / jignesh	W3177

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CP 64070
TEL +52 81 13 52 57 57
www.pqm.com.mx

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE RMB3375)	FORMULA :	Na_2SO_4
SPECIFICATION NUMBER :	6399	RELEASE DATE:	ABR/21/2023
LOT NUMBER :	313201		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na_2SO_4)	Min. 99.0%	99.7 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.1
Insoluble matter	Max. 0.01%	0.005 %
Loss on ignition	Max. 0.5%	0.1 %
Chloride (Cl)	Max. 0.001%	<0.001 %
Nitrogen compounds (as N)	Max. 5 ppm	<5 ppm
Phosphate (PO_4)	Max. 0.001%	<0.001 %
Heavy metals (as Pb)	Max. 5 ppm	<5 ppm
Iron (Fe)	Max. 0.001%	<0.001 %
Calcium (Ca)	Max. 0.01%	0.002 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.003 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreing matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.1 %
Retained on US Standard No. 60 sieve	Min. 94%	97.3 %
Through US Standard No. 60 sieve	Max. 5%	2.5 %
Through US Standard No. 100 sieve	Max. 10%	0.1 %

COMMENTS

QC: PhC Irma Belmares

If you need further details, please call our factory or contact our local distributor.

RG-02-01, Ed. 3

Recd. by RI 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

ThermoFisher SCIENTIFIC

Certificate of Analysis

1 Reagent Lane
Fair Lawn, NJ 07410
201.796.7100 tel
201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120633

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	H303	Quality Test / Release Date	11/07/2024
Lot Number	243570		
Description	HEXANES - OPTIMA		
Country of Origin	United States	Suggested Retest Date	Nov/2029
Chemical Origin	Organic - non animal		
BSE/TSE Comment	No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product.		

N/A

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, colorless liquid
ASSAY (N-HEXANE)	%	>= 60	69
ASSAY (SUM C6 HYDROCARBONS)	%	>= 99.9	>99.9
COLOR	APHA	<= 5	<5
DENSITY AT 25 DEGREES C	GM/ML	Inclusive Between 0.653 - 0.673	0.669
EVAPORATION RESIDUE	ppm	<= 1	<1
FLUORESCENCE BACKGROUND	ppb	<= 1	<1
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
OPTICAL ABS AT 195 NM	ABS. UNITS	<= 1	0.74
OPTICAL ABS AT 210 NM	ABS. UNITS	<= 0.25	0.17
OPTICAL ABS AT 220 NM	ABS. UNITS	<= 0.07	0.05
OPTICAL ABS AT 254 NM	ABS. UNITS	<= 0.005	0.001
PESTICIDE RESIDUE ANALYSIS	NG/L	<= 10	<10
REFRACTIVE INDEX @ 25 DEG C		Inclusive Between 1.375 - 1.385	1.379
SUITABILITY FOR GC/MS		= PASS TEST	PASS TEST
SULFUR COMPOUNDS	%	<= 0.005	<0.005
THIOPHENE	PASS/FAIL	= PASS TEST	PASS TEST
WATER (H2O)	%	<= 0.01	<0.01
WATER-SOLUBLE TITRABLE ACID	MEQ/G	<= 0.0003	0.0001

Recd by RP on 2/12/25

E3877

Harout Sahagian - Quality Control Manager - Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.
If there are any questions with this certificate, please call at (800) 227-6701.
*Based on suggested storage condition.

Certificate of Analysis

1 Reagent Lane
Fair Lawn, NJ 07410
201.796.7100 tel
201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120633

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	H303	Quality Test / Release Date	11/07/2024
Lot Number	243570		
Description	HEXANES - OPTIMA		
Country of Origin	United States	Suggested Retest Date	Nov/2029
Chemical Origin	Organic - non animal		
BSE/TSE Comment	No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product.		

N/A

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, colorless liquid
ASSAY (N-HEXANE)	%	>= 60	69
ASSAY (SUM C6 HYDROCARBONS)	%	>= 99.9	>99.9
COLOR	APHA	<= 5	<5
DENSITY AT 25 DEGREES C	GM/ML	Inclusive Between 0.653 - 0.673	0.669
EVAPORATION RESIDUE	ppm	<= 1	<1
FLUORESCENCE BACKGROUND	ppb	<= 1	<1
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
OPTICAL ABS AT 195 NM	ABS. UNITS	<= 1	0.74
OPTICAL ABS AT 210 NM	ABS. UNITS	<= 0.25	0.17
OPTICAL ABS AT 220 NM	ABS. UNITS	<= 0.07	0.05
OPTICAL ABS AT 254 NM	ABS. UNITS	<= 0.005	0.001
PESTICIDE RESIDUE ANALYSIS	NG/L	<= 10	<10
REFRACTIVE INDEX @ 25 DEG C		Inclusive Between 1.375 - 1.385	1.379
SUITABILITY FOR GC/MS		= PASS TEST	PASS TEST
SULFUR COMPOUNDS	%	<= 0.005	<0.005
THIOPHENE	PASS/FAIL	= PASS TEST	PASS TEST
WATER (H2O)	%	<= 0.01	<0.01
WATER-SOLUBLE TITRABLE ACID	MEQ/G	<= 0.0003	0.0001

Harout Sahagian - Quality Control Manager - Fair Lawn

Rec'd by RP on 3/31/25

E3916

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.
If there are any questions with this certificate, please call at (800) 227-6701.
*Based on suggested storage condition.

PO: PO2-1308 PRODUCT CODE: SHIP DATE: 2/7/25

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor | J.T.Baker

Material No.: 9266-A4
Batch No.: 25A0262002
Manufactured Date: 2024-11-21
Expiration Date:2026-02-20
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	4
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	99.9 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.8 ppm
Titrable Acid (µeq/g)	<= 0.3	<0.1
Chloride (Cl)	<= 10 ppm	<5 ppm
Water (by KF, coulometric)	<= 0.02 %	<0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E 3926

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

Test	Specification	Result
Trace Impurities - Germanium (Ge)	<= 3.0 ppb	< 2.0
Trace Impurities - Gold (Au)	<= 4.0 ppb	3.0
Heavy Metals (as Pb)	<= 100 ppb	< 50
Trace Impurities - Iron (Fe)	<= 15.0 ppb	1.0
Trace Impurities - Lead (Pb)	<= 1.0 ppb	< 0.5
Trace Impurities - Lithium (Li)	<= 1.0 ppb	< 0.2
Trace Impurities - Magnesium (Mg)	<= 10.0 ppb	< 0.4
Trace Impurities - Manganese (Mn)	<= 1.0 ppb	< 0.4
Trace Impurities - Mercury (Hg)	<= 0.5 ppb	0.2
Trace Impurities - Molybdenum (Mo)	<= 10.0 ppb	< 5.0
Trace Impurities - Nickel (Ni)	<= 4.0 ppb	< 0.3
Trace Impurities - Niobium (Nb)	<= 1.0 ppb	< 0.2
Trace Impurities - Potassium (K)	<= 9.0 ppb	< 2.0
Trace Impurities - Selenium (Se), For Information Only	ppb	1.0
Trace Impurities - Silicon (Si)	<= 100.0 ppb	18.0
Trace Impurities - Silver (Ag)	<= 1.0 ppb	< 0.3
Trace Impurities - Sodium (Na)	<= 100.0 ppb	< 5.0
Trace Impurities - Strontium (Sr)	<= 1.0 ppb	< 0.2
Trace Impurities - Tantalum (Ta)	<= 1.0 ppb	< 0.9
Trace Impurities - Thallium (Tl)	<= 5.0 ppb	< 2.0
Trace Impurities - Tin (Sn)	<= 5.0 ppb	< 0.8
Trace Impurities - Titanium (Ti)	<= 1.0 ppb	< 0.2
Trace Impurities - Vanadium (V)	<= 1.0 ppb	< 0.2
Trace Impurities - Zinc (Zn)	<= 5.0 ppb	0.4
Trace Impurities - Zirconium (Zr)	<= 1.0 ppb	< 0.1

For Laboratory, Research or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications

Country of Origin: US
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Ethier
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

P11518 ↓ P11522 AJ 02/21/22

Agilent

Certificate of Analysis

Product Name: Aroclor 1268 Standard

Product Number: PP-382-1 **Lot Issue Date:** 09-Feb-2021

Lot Number: 0006587800 **Expiration Date:** 31-Mar-2029

Description:
This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
Aroclor 1268	011100-14-4	RM00937	100.0 ± 0.5 µg/mL

Matrix: isooctane (2,2,4-trimethylpentane)

Storage Conditions: Store at Room Temperature (15° to 30°C).

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Intended Use:
This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

Expiration of Certification:
The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

M Bourgeois

Monica Bourgeois
QMS Representative

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED TESTING LABORATORY
ISO 17025 Cert No. AT-1937

250 Smith Street North Kingstown, Rhode Island 02852 www.agilent.com/quality

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Refe

CERTIFIED WEIGHT REPORT

Part Number:	91867
Lot Number:	020823
Description:	WP 037 - Aroclor 1232 PCB Technical Mixture
Expiration Date:	020833
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	100
NIST Test ID#:	6UTB

Solvent/ Acet

Weight(s) shown below were combined and diluted to (mL): 100.0

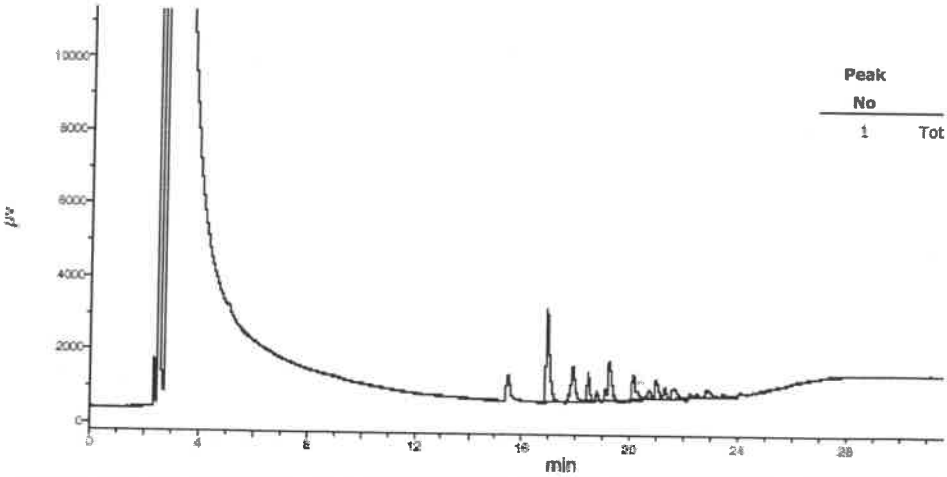
5E-05 Balance Uncertainty

0.057 Flask Uncertainty

	Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Targ Weight (g
1.	Aroclor 1232	17	45-6A	100	100	0.5	0.01000

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measure Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



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.)

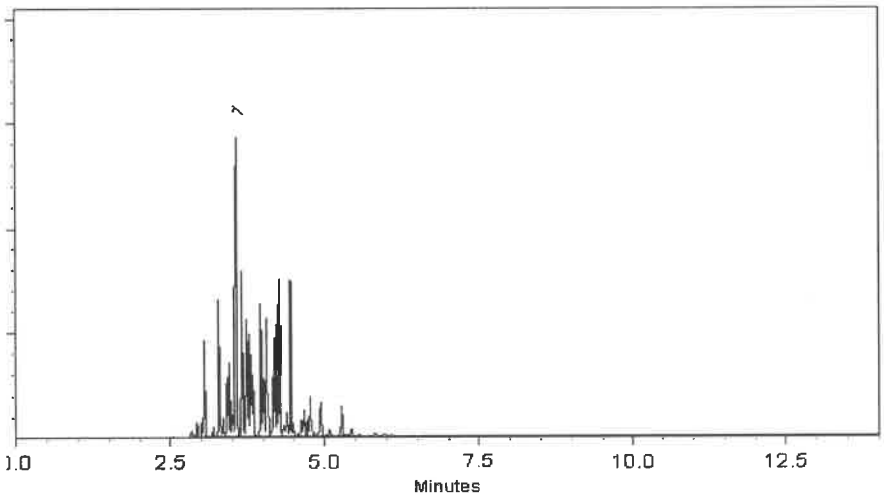
Inj. Temp:
250°C

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

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

P12933
↓
P12937
AJ
12/07/23

Catalog No. : 32010 **Lot No.:** A0202803

Description : Aroclor® 1248 Standard

Aroclor® 1248 Standard 1,000µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1248	12672-29-6	13897600	----%	1,001.7 µg/mL	+/- 55.5850

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

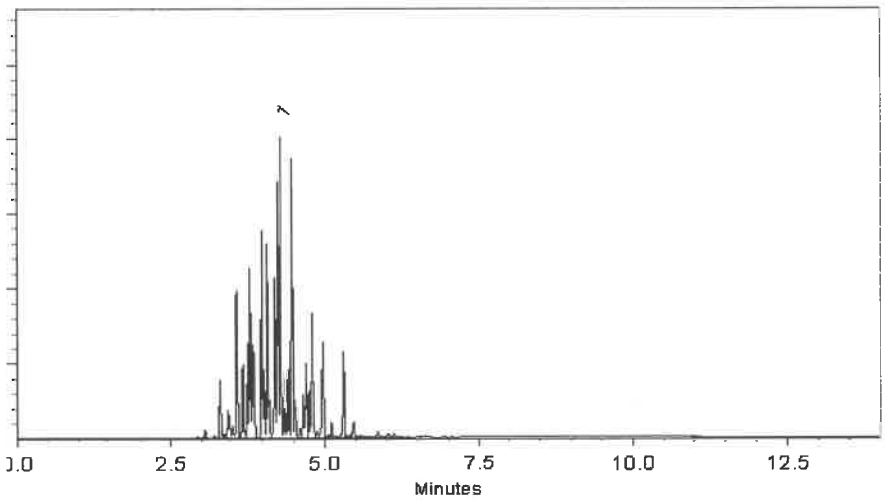
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I **Date Mixed:** 03-Oct-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 09-Oct-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	20064
Lot Number:	022023
Description:	CLP PCB'S - Aroclor Mix
	Aroclors 1016 & 1260
Expiration Date:	022033
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	1000
NIST Test ID#:	6UTB

Solvent(s): Hexane **Lot#** 273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

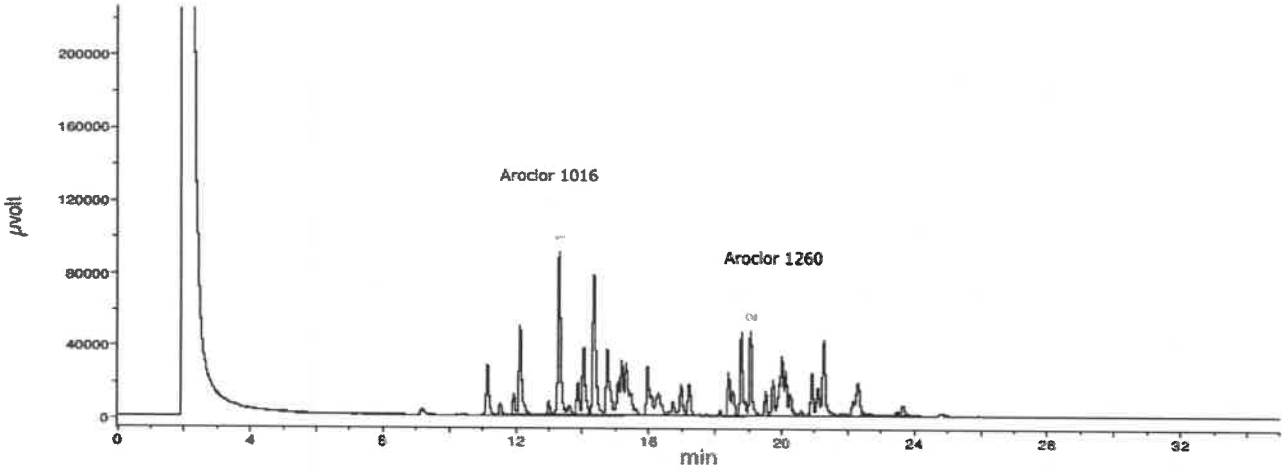
Formulated By: Benson Chan	022023 DATE
Reviewed By: Pedro L. Rentas	022023 DATE

P12946 ↓ P12955 12/20/23

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1016	15	020491JC	1000	100	0.2	0.20004	0.20060	1002.8	4.0	12674-11-2	N/A	N/A
2. Aroclor 1260	21	020491JC	1000	100	0.2	0.20004	0.20081	1003.9	4.0	11096-82-5	0.5mg/m3	orl-rat 1315mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	20064
Lot Number:	022023
Description:	CLP PCB'S - Aroclor Mix Aroclors 1016 & 1260
Expiration Date:	022033
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	1000
NIST Test ID#:	6UTB

Solvent(s): Hexane **Lot#** 273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

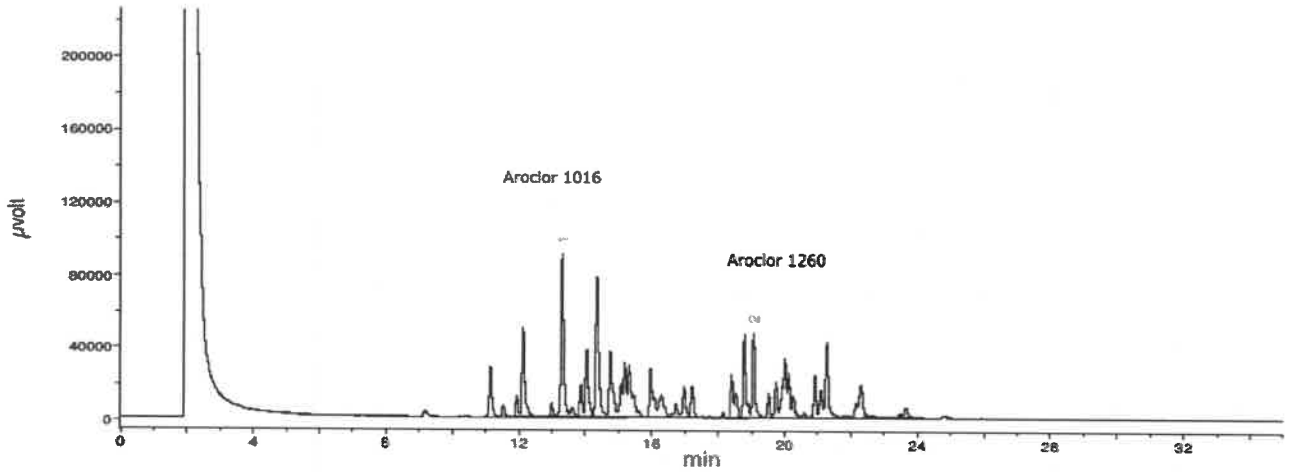
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

P12946 ↓ P12955 12/20

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
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



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AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	99139	**Solvent(s):**	**Lot#**	
Lot Number:	121823	Iso-octane	82227	
Description:	Aroclor 1254			
Expiration Date:	121833			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	100			
NIST Test ID#:	6UTB	5E-05	Balance Uncertainty	
Volume(s) shown below were combined and diluted to (mL):		20.0	0.003	Flask Uncertainty

		121823
Formulated By:	Anthony Mahoney	DATE
		121823
Reviewed By:	Pedro L. Rentas	DATE

P12956 & P12957 Y-P 12/20/23

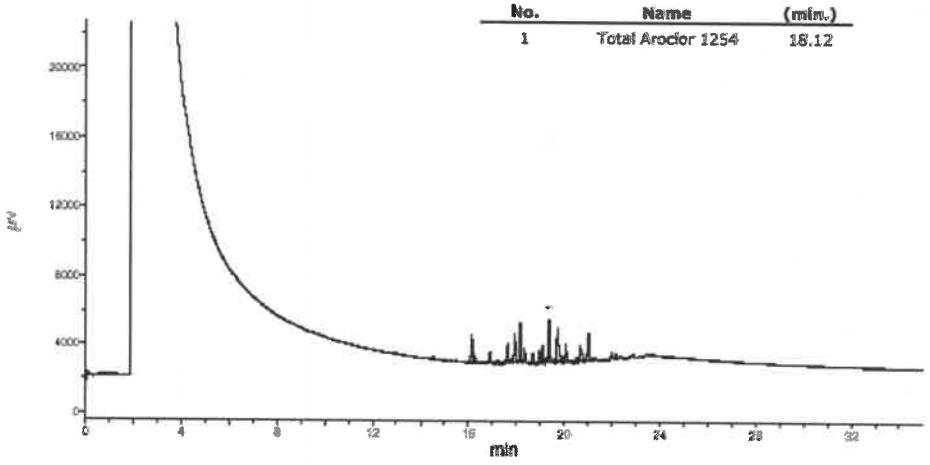
Note: Aroclor 1254 is a mix of isomers.

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(µg/mL)	Final Conc.(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1254	79100	121823	0.10	2.00	0.017	1003.3	100.1	1.8	11097-69-1	0.5mg/m3 (skin)	orl-rat 1295mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3

Peak No.	Name	FID RT (min.)
1	Total Aroclor 1254	18.12



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CERTIFIED REFERENCE MATERIAL

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

P13348 (10)
↓
P13357

Catalog No. : 32000 **Lot No.:** A0206810

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

04/25/2024

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.3 µg/mL	+/- 11.1143
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	200.6 µg/mL	+/- 11.1298

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
hellum-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

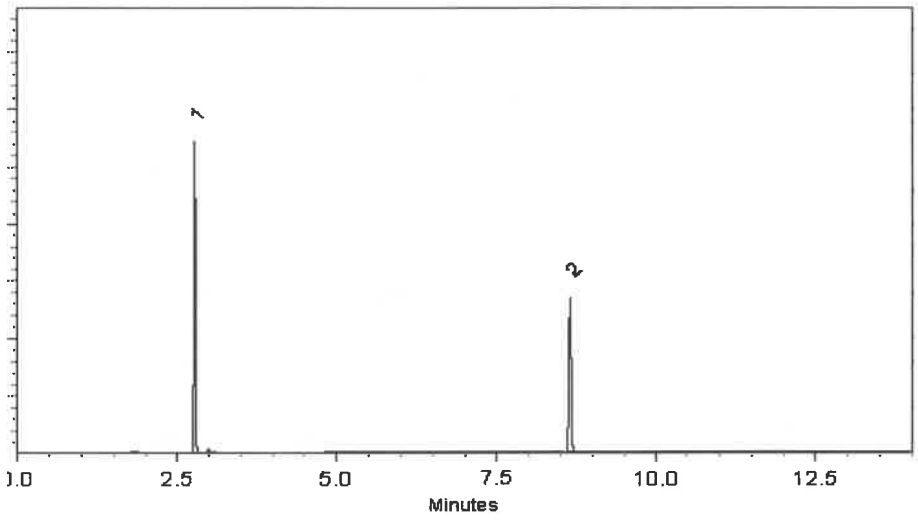
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I **Date Mixed:** 22-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 24-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P13348 (10)
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P13357
04/25/2025

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CERTIFIED REFERENCE MATERIAL

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

P13348 (10)
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P13357

04/25/2024

Catalog No. : 32000 **Lot No.:** A0206810

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.3 µg/mL	+/- 11.1143
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	200.6 µg/mL	+/- 11.1298

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
hellum-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

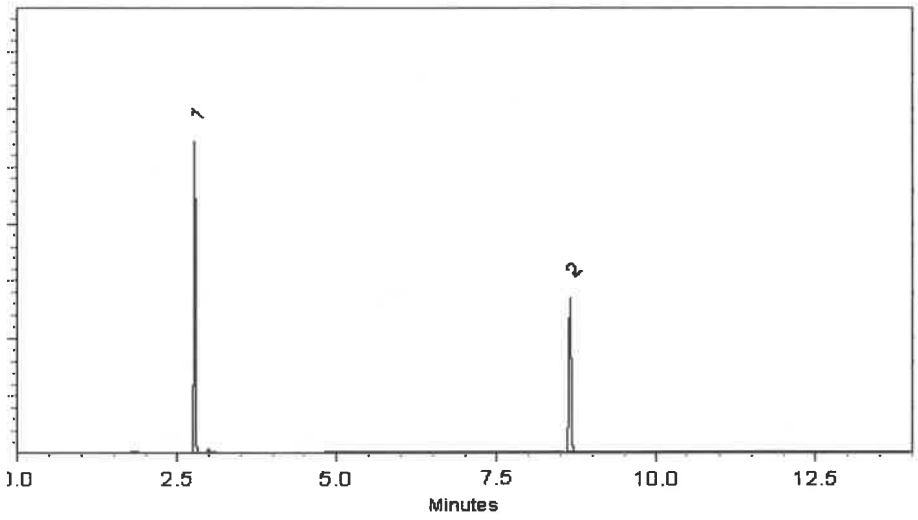
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I **Date Mixed:** 22-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 24-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P13348 (10)

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P13357

04/25/2025

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ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name:	Aroclor 1221 Standard	**Lot Number:**	0006783205
Product Number:	PP-292-1	**Lot Issue Date:**	20-Feb-2024
Storage Conditions:	Store at Room Temperature (15° to 30°C).	**Expiration Date:**	31-Mar-2032

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
Aroclor 1221	100.3	±	0.5 µg/mL	011104-28-2	NT01017

Matrix: isooctane (2,2,4-trimethylpentane)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P133f2
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P133f3

AJ
05106124

CSD-QA-015.2

ISO 17025
Cert No. AT-1937

250 Smith Street North Kingstown, Rhode Island 02852 **www.agilent.com/quality**

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Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

ANAB
ANSI National Accreditation Board
ACCREDITED
ISO 17034
REFERENCE MATERIAL PRODUCER

ISO 17034
Cert No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015 Quality Management System. Cert# 951215321

www.agilent.com/quality/
CSD-QA-015.2

ISO 17025
Cert No. AT-1937

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32410 **Lot No.:** A0207475

Description : Aroclor® 1268 Standard

Aroclor® 1268 Standard 1,000 µg/mL, 1mL/ampul, Hexane

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1268	11100-14-4	10947000	----%	1,000.0 µg/mL	+/- 55.4925

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P 13386 → P 13381 (2)

05/6/2024

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

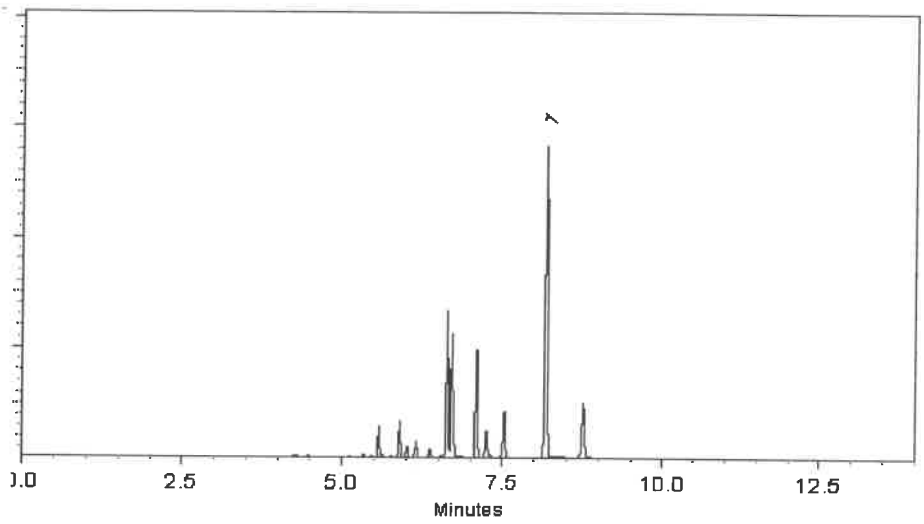
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
Split ratio 500:1

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Michael Maye - Operations Tech I **Date Mixed:** 06-Feb-2024 **Balance Serial #** B442140311

Dillan Murphy - Operations Technician I **Date Passed:** 09-Feb-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P13380 (2)
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P13381
1

05/6/2024

ISO 17034

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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

Component Name	CERTIFIED VALUES Concentration	Expanded Uncertainty	CAS#	Analyte Lot
Aroclor 1242	100.4 ±	0.5 µg/mL	053469-21-9	NT01020

Matrix: isooctane (2,2,4-trimethylpentane)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P13589 ↓ P13590

AJ 10/14/24

CSD-QA-015.1

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

Agilent
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ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: Aroclor 1248 Standard
Product Number: PP-342-1
Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006726317
Lot Issue Date: 27-Jan-2023
Expiration Date: 28-Feb-2031

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
Aroclor 1248	100.3	±	0.5 µg/mL	012672-29-6	NT01582

Matrix: isooctane (2,2,4-trimethylpentane)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference (RM) standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference (RM) standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard (RM) is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P13591 ↓ P13592

AJ 10/14/2024

Agilent

Trusted Answers

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

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-015.1

ISO 17025

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Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32039 **Lot No.:** A0210629

Description : Aroclor® 1016/1260 Mix

Aroclor® 1016/1260 Mix 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

P13697 → P13701 } Y.P. 10/19/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1016	12674-11-2	07	----%	1,005.3 µg/mL	+/- 55.7809
2	Aroclor 1260	11096-82-5	1320657	----%	1,000.0 µg/mL	+/- 55.4850

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

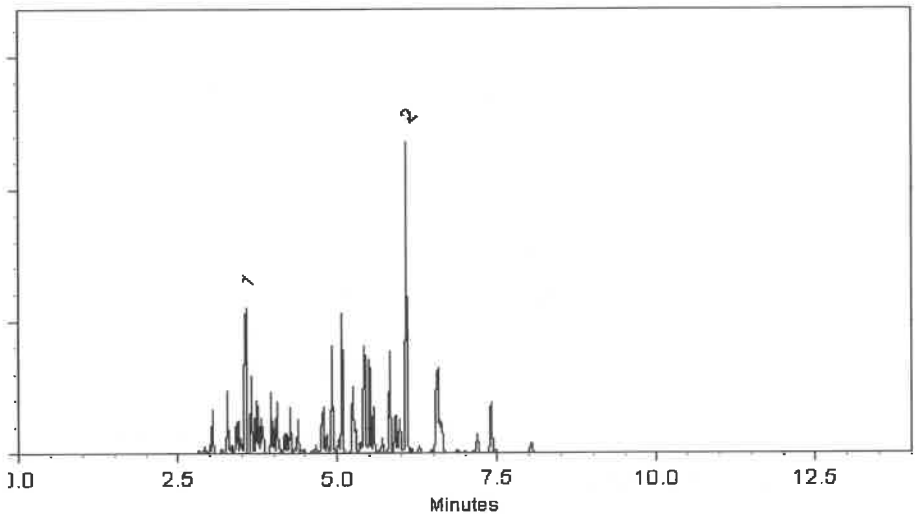
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I

Date Mixed: 22-Apr-2024 **Balance Serial #** B442140311

Dillan Murphy - Operations Technician I

Date Passed: 24-Apr-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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. : 32007 **Lot No.:** A0215270

Description : Aroclor® 1221 Standard

Aroclor® 1221 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

P13702 & P13703 } Y.P. 10/17/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1221	11104-28-2	14969200	----%	1,005.0 µg/mL	+/- 55.7700

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

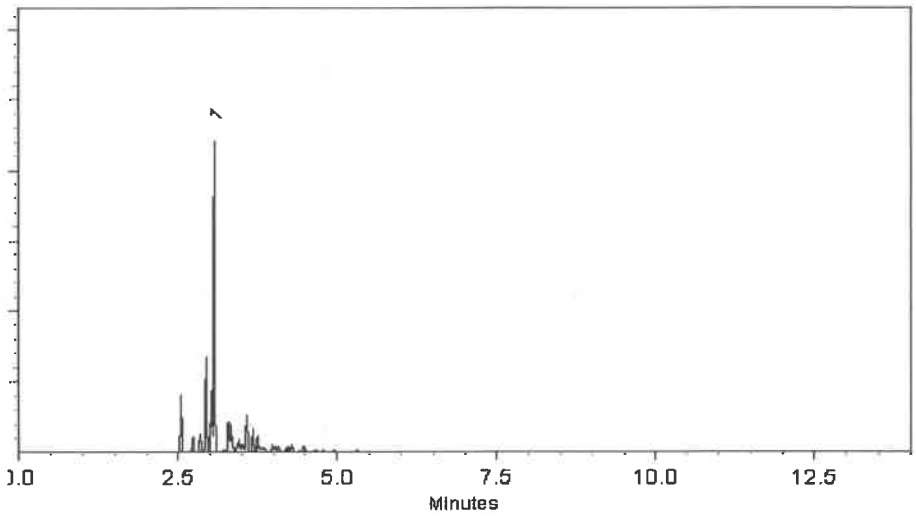
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Michael Maye - Operations Tech I — **Date Mixed:** 16-Aug-2024 — **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC — **Date Passed:** 20-Aug-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32011 **Lot No.:** A0217391

Description : Aroclor® 1254 Standard

Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2031 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1254	11097-69-1	124-191-B	----%	1,004.7 µg/mL	+/- 55.7515

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P13830 ↓ P13832 AJ 12/09/24

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

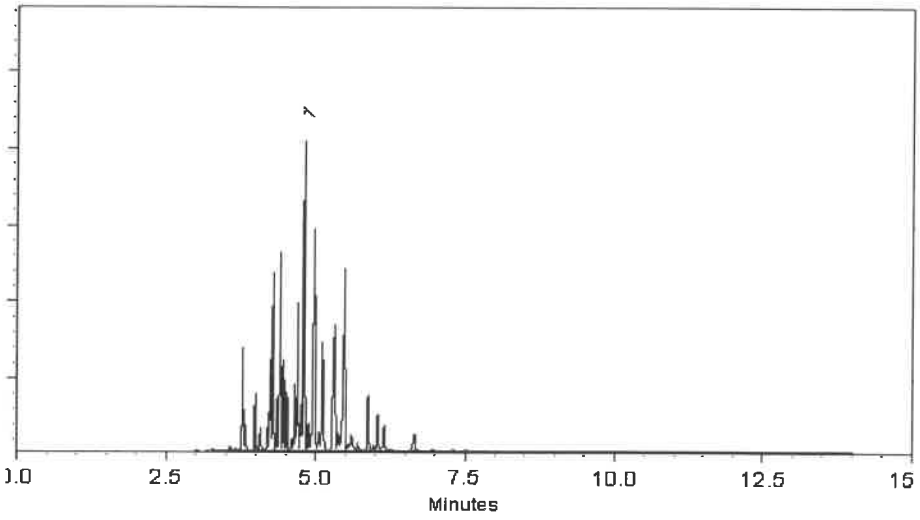
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
300 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Michael Maye - Operations Tech I

Date Mixed: 02-Oct-2024 **Balance Serial #** C322230531

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 07-Oct-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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. : 32008 **Lot No.:** A0219655

Description : Aroclor® 1232 Standard

Aroclor® 1232 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2031 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1232	11141-16-5	15665-01	----%	1,007.0 µg/mL	+/- 55.8810

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P13878
↓
P13880

AJ
01/28/25

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

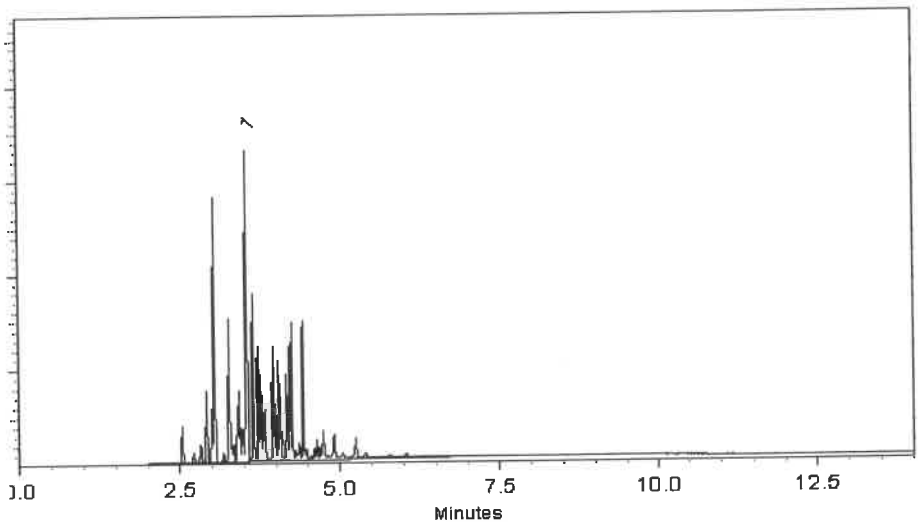
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Michael Maye - Operations Tech I

Date Mixed: 02-Dec-2024 **Balance Serial #** C322230531

Brittany Federinko - Operations Tech I

Date Passed: 05-Dec-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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

ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32409 **Lot No.:** A0220950

Description : Aroclor® 1262 Standard

Aroclor® 1262 Standard 1,000 µg/mL, 1mL/ampul, Hexane

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2031 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1262	37324-23-5	10849100	----%	1,002.0 µg/mL	+/- 55.6035

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P13852
↓
P13853

AJ
01/28/25

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

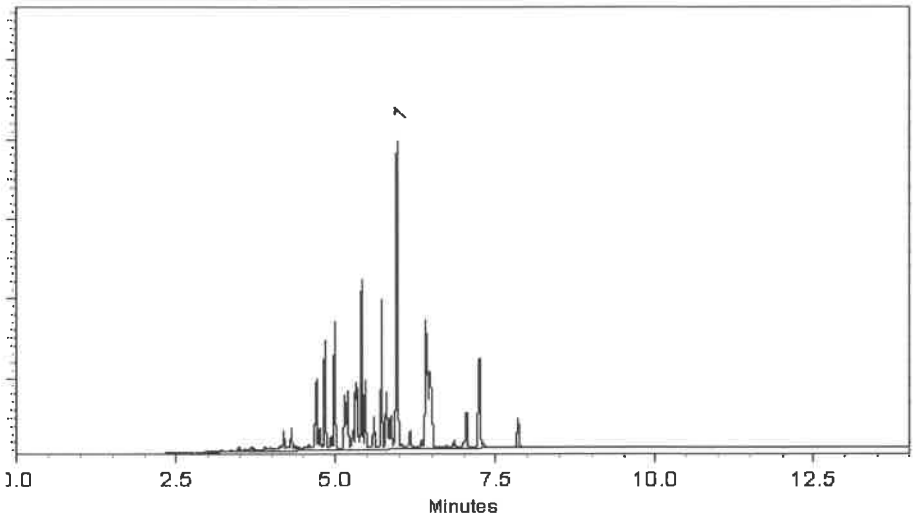
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
300 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Tom Suckar - Mix Technician

Date Mixed: 09-Jan-2025 **Balance Serial #** C322230531

Brittany Federinko - Operations Tech I

Date Passed: 14-Jan-2025

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker®

W3147
W3147 update: 02/03/2025 JP

Material No.: 9262-03
Batch No.: 24G1962003
Manufactured Date: 2024-05-23
Expiration Date: 2025-08-22
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	3
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1
ECD-Sensitive Impurities (as Ethylene Dibromide) - Single Impurity Peak (ng/mL)	≤ 5	1
Assay (Total Saturated C_6 Isomers) (by GC, corrected for water)	≥ 99.5 %	99.7 %
Assay (as n-Hexane) (by GC, corrected for water)	≥ 95 %	98 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	≤ 0.05 %	< 0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

SHIPPING DOCUMENTS

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 78-8922
www.chemtech.net

Chemtech Project Number: Q1774

COC Number:

CLIENT INFORMATION

COMPANY: Tetra Tech
ADDRESS: 4433 Corporation Ln, Suite 300
CITY: Virginia Beach STATE: VA ZIP: 23462
ATTENTION: Ernie Wu
PHONE: 757-466-4901 FAX: 757-461-4148

PROJECT INFORMATION

PROJECT NAME: NWIRP Bethpage
PROJECT #: 112G08005-WE13 LOCATION: GW IDW
PROJECT MANAGER: Ernie Wu
E-MAIL: ernie.wu@tetratech.com
PHONE: 757-466-4901 FAX: 757-461-4148

BILLING INFORMATION

BILL TO: SEE CONTRACT PO#
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX:_____48hr_____ DAYS*
HARD COPY:_____48hr_____DAYS*
EDD_____48hr_____DAYS*
* TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ❑ RESULTS ONLY
- ❑ RESULTS + QC
- ❑ New Jersey REDUCED
- ❑ New Jersey CLP
- ❑ USEPA CLP
- ❑ New York State ASP "B"
- ❑ New York State ASP "A"
- ❑ Other_____
- ❑ EDD Format_____

ANALYSIS

1	2	3	4	5	6	7	8	9
VOC's (EPA 624)	pH	Total Metals	PCB's (EPA 8082)					

PRESERVATIVES

1	2	3	4	5	6	7	8	9
A		B						

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	COMMENTS
1.	BP-TB-20250407	QA		X	4/7/25	9:00	2	Trip Blank
2.	TT-073-IDWGW-20250409	AQ		X	4/9/25	11:30	5	PH. 1.3 LOT # 80A0444
3.	TT-074-IDWGW-20250409	AQ		X	4/9/25	11:40	5	PH 1.3
4.	TT-075-IDWGW-20250409	AQ		X	4/9/25	11:50	5	PH 1.0
5.								
6.								
7.								
8.								
9.								
10.								

<-- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

	DATE/TIME		
RELINQUISHED BY SAMPLER 1.	4/9/25 14:00	RECEIVED BY 1.	
RELINQUISHED BY 2. FedEx	4-10-25 0950	RECEIVED BY 2.	
RELINQUISHED BY 3.	DATE/TIME	RECEIVED FOR LAB BY 3.	

Conditions of bottles or coolers at receipt: q Compliant q Non Compliant q Cooler Temp 2.3°C
MeOH extraction requires an additional 4oz. Jar for percent solid
q Ice in Cooler?: Y
Comments:
48hr TAT - CTO-WE13 Drilling GW IDW Sampling - Frac Tank #3291 (TT-050)
(Adjust Factor + 1 IR(XU) #1

Page 1 of 1

SHIPPED VIA: CLIENT: ❑ Hand Delivered ❑ Overnight
CHEMTECH: ❑ Picked Up ❑ Overnight

Shipment Complete
❑ YES ❑ NO

WHITE - CHEMTECH COPYFOR RETURN TO CLIENT **YELLOW** - CHEMTECH COPY **PINK** - SAMPLER COPY

From: Wu, Ernie <Ernie.Wu@tetratech.com>
Sent: Thursday, April 10, 2025 2:48 PM
Subject: RE: Q1774
Attachments: SKM_C55825041011470.pdf

EXTERNAL EMAIL - This email was sent by a person from outside your organization. Exercise caution when clicking links, opening attachments or taking further action, before validating its authenticity.

Secured by Check Point

Kiran,

Thanks for letting me know. Please proceed with the analysis without the trip blank.

Ernie

Ernie Wu | Project Manager | Environmental Scientist
Direct **+1 (757) 466-4148** | Business **+1 (757) 461-3768** | ernie.wu@tetratech.com
Time Zone: Eastern Time

Tetra Tech | *Leading with Science®*
4433 Corporation Lane, Ste 300 | Virginia Beach, VA 23462 | tetratech.com
EGS



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From: Kiran Saleem <Kiran.Saleem@alliancetg.com>
Sent: Thursday, April 10, 2025 12:45 PM
To: Wu, Ernie <Ernie.Wu@tetratech.com>
Cc: Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>
Subject: Q1774

□ **CAUTION:** This email originated from an external sender. Verify the source before opening links or attachments. □

Good Afternoon Ernie,

I am reaching out to inform you that we did not receive the sample 1 which is BP-TB-20250407 for attached COC.

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

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

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1774 TETR06
Client Name : Tetra Tech NUS, Inc.
Client Contact : Ernie Wu
Invoice Name : Tetra Tech NUS, Inc.
Invoice Contact : Ernie Wu

Order Date : 4/10/2025 10:43:00 AM
Project Name : CTO WE13
Receive DateTime : 4/10/2025 9:50:00 AM
Purchase Order :

Project Mgr :
Report Type : Level 4
EDD Type : ADAPT
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
~~Q1774-01~~	~~BP-TB-20250407~~	~~Water~~	~~04/09/2025~~	~~09:00~~					
					~~VOCMS Group4~~		~~624.1~~		~~2 Bus. Days~~
Q1774-02	TT-073-IDWGW-20250409	Water	04/09/2025	11:30					
					VOCMS Group4		624.1		2 Bus. Days
Q1774-03	TT-074-IDWGW-20250409	Water	04/09/2025	11:40					
					VOCMS Group4		624.1		2 Bus. Days
Q1774-04	TT-075-IDWGW-20250409	Water	04/09/2025	11:50					
					VOCMS Group4		624.1		2 Bus. Days

Relinguished By :
Date / Time : 4/10/25 1120

Received By :
Date / Time : 4/10/25 11:20

Storage Area : VOA Refridgerator Room

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070920.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 11:19
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: Mar 31 03:02:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.515	3.816	39892911	28120307	27.294	27.126	
2)	SA Decachlor...	10.229	8.859	27877719	18839232	26.484	23.902	
	Target Compounds							
3)	L1 AR-1016-1	5.667	4.903	13581167	11323714	267.076	282.470	
4)	L1 AR-1016-2	5.689	4.922	20108471	16375760	257.624	282.999	
5)	L1 AR-1016-3	5.751	5.099	12212490	8877034	258.878	287.066	
6)	L1 AR-1016-4	5.848	5.141	9803037	7158830	266.708	293.926	
7)	L1 AR-1016-5	6.141	5.355	9152735	9323046	269.896	288.450	
8)	L2 AR-1221-1	4.717	4.026	1321625	1122384	76.158	73.630	
9)	L2 AR-1221-2	4.802	4.115	2090814	1735253	161.416	151.732	
10)	L2 AR-1221-3	4.877	4.190	7052777	6326573	169.061	185.590	
11)	L3 AR-1232-1	4.877	4.190	7052777	6326573	211.867	226.056	
12)	L3 AR-1232-2	5.402	4.922	9379837	16375760	589.544	583.574	
13)	L3 AR-1232-3	5.689	5.099	20108471	8877034	586.759	596.191	
14)	L3 AR-1232-4	5.848	5.183	9803037	8604427	624.096	671.992	
15)	L3 AR-1232-5	5.939	5.355	7957300	9323046	747.842	657.721	
16)	L4 AR-1242-1	5.667	4.903	13581167	11323714	308.823	331.143	
17)	L4 AR-1242-2	5.689	4.922	20108471	16375760	312.650	332.451	
18)	L4 AR-1242-3	5.751	5.099	12212490	8877034	297.579	333.169	
19)	L4 AR-1242-4	5.848	5.183	9803037	8604427	321.165	326.194	
20)	L4 AR-1242-5	6.579	5.708	4761571	8766943	130.417	283.186	#
21)	L5 AR-1248-1	5.667	4.903	13581167	11323714	374.266	418.158	
22)	L5 AR-1248-2	5.939	5.141	7957300	7158830	177.071	194.944	
23)	L5 AR-1248-3	6.141	5.183	9152735	8604427	180.750	222.570	
24)	L5 AR-1248-4	6.539	5.355	4049391	9323046	63.126	206.532	#
25)	L5 AR-1248-5	6.579	5.749	4761571	2416322	78.256	56.617	#
26)	L6 AR-1254-1	6.515	5.708	10069870	8766943	156.388	132.797	
27)	L6 AR-1254-2	6.731	5.856	10106718	6407649	99.977	112.222	
28)	L6 AR-1254-3	7.094	6.276	7072472	11091003	70.918	127.716	#
29)	L6 AR-1254-4	7.379	6.489	4686448	1684678	54.118	30.030	#
30)	L6 AR-1254-5	7.792	6.906	26750553	17034582	332.921	236.097	#
31)	L7 AR-1260-1	7.260	6.391	18182257	14056672	270.759	274.511	
32)	L7 AR-1260-2	7.513	6.579	26780079	17295947	278.563	271.122	
33)	L7 AR-1260-3	7.871	6.733	23122222	14684885	289.324	269.513	
34)	L7 AR-1260-4	8.095	7.205	23709378	12488782	301.122	261.128	
35)	L7 AR-1260-5	8.415	7.446	43743345	31815782	275.313	255.527	
36)	L8 AR-1262-1	8.095	6.945	23709378	15226146	223.042	177.951	
37)	L8 AR-1262-2	8.415	7.205	43743345	12488782	220.500	182.413	
38)	L8 AR-1262-3	8.737	7.728	26257171	6907710	199.308	113.757	#
39)	L8 AR-1262-4	8.806	7.792	15776574	20963428	165.001	210.885	#
40)	L8 AR-1262-5	9.472	8.293	11555188	7670514	177.591	163.649	
41)	L9 AR-1268-1	8.737	7.728	26257171	6907710	111.492	40.301	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070920.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 11:19
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: Mar 31 03:02:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
42) L9	AR-1268-2	8.806	7.792	15776574	20963428	80.775	146.308	#
43) L9	AR-1268-3	0.000	8.001	0	412782	N.D.	3.352	#
44) L9	AR-1268-4	9.472	8.293	11555188	7670514	163.331	145.239	
45) L9	AR-1268-5	9.890	8.596	2482779	969431	5.214	2.679	#

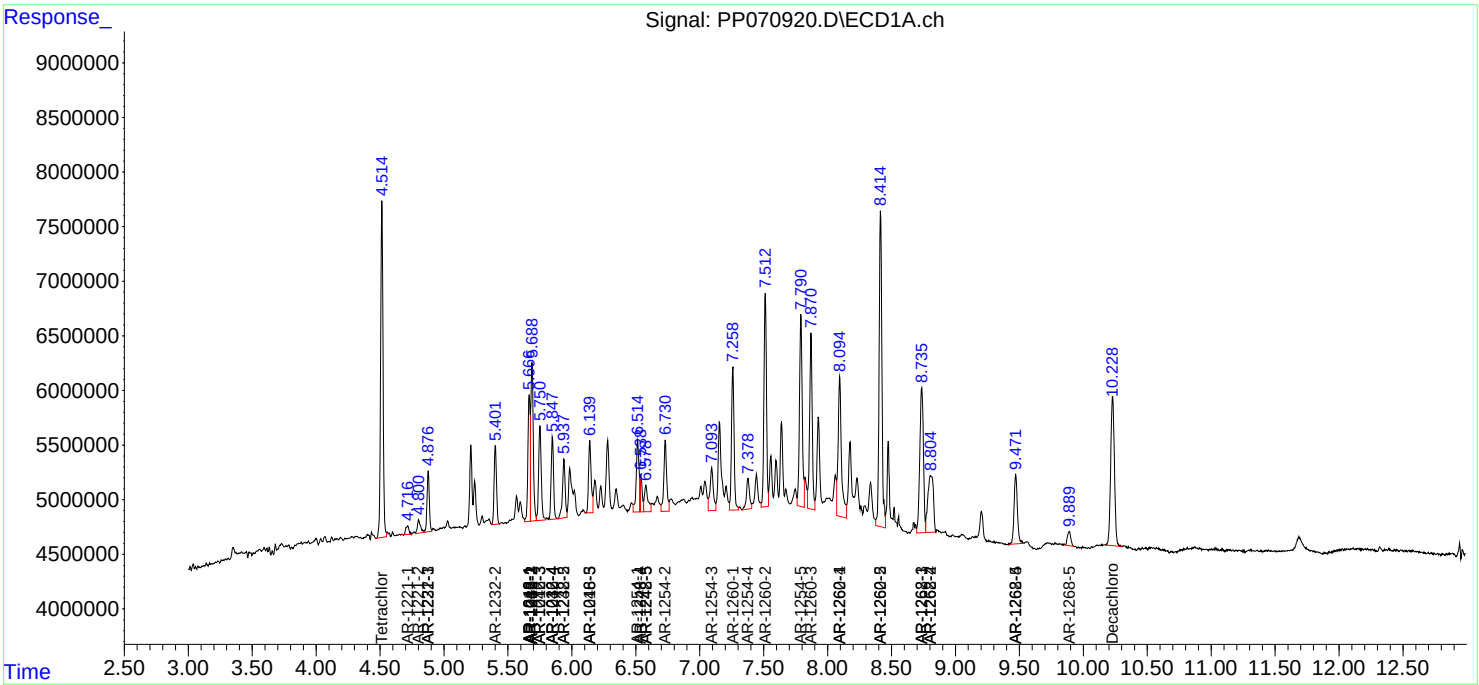
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

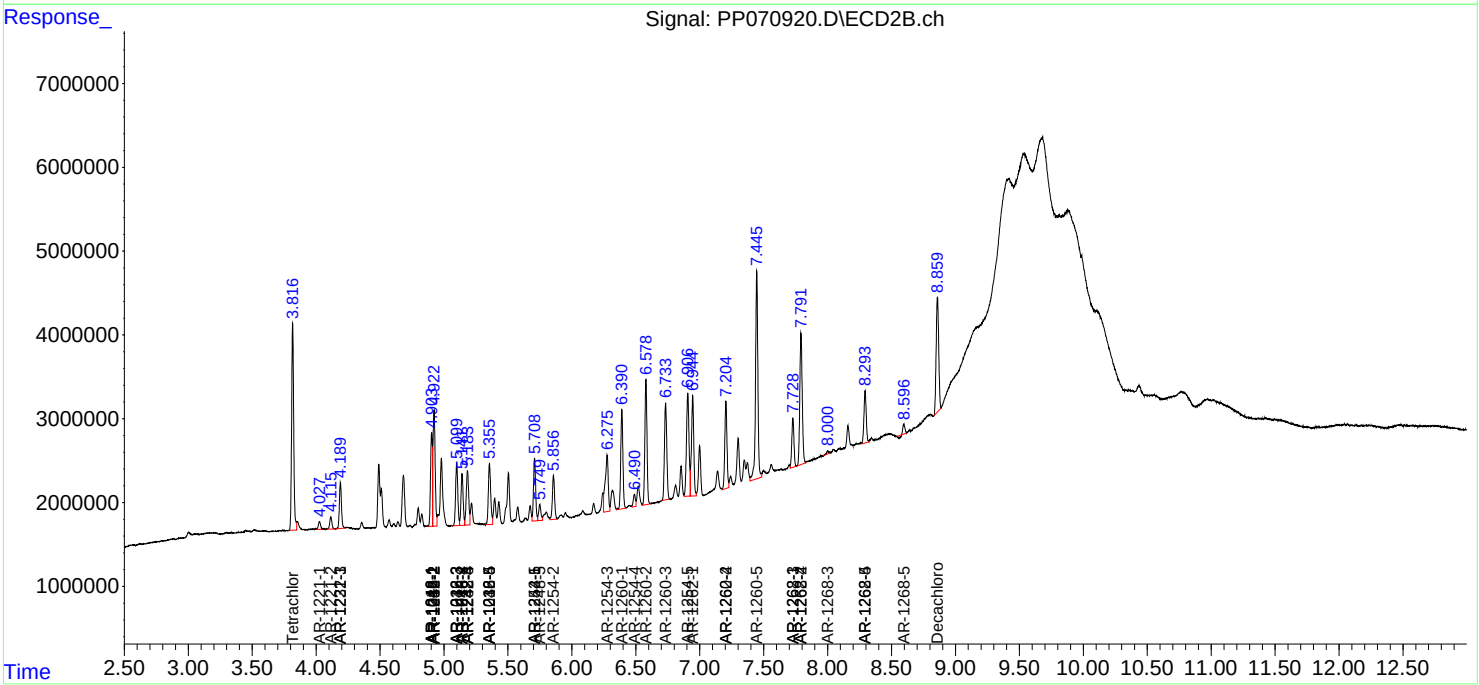
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070920.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 11:19
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

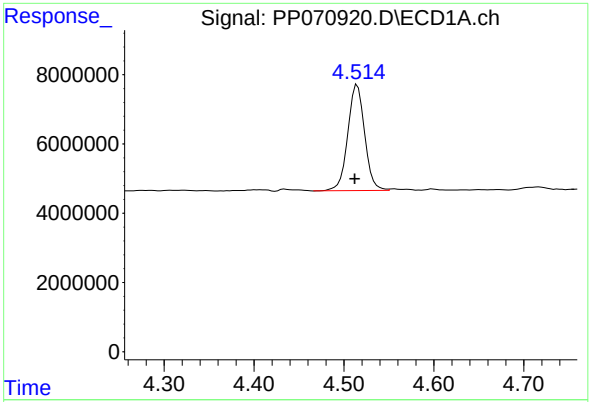
Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 31 03:02:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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



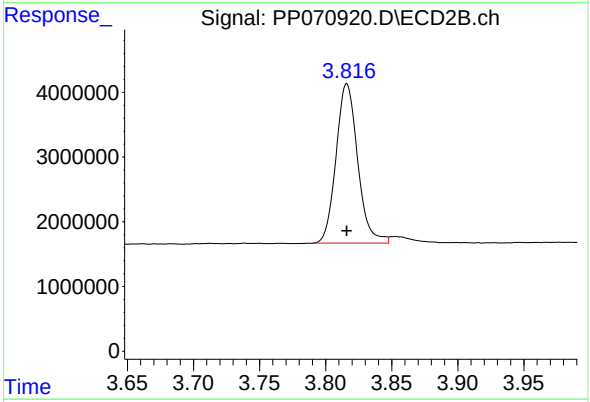




#1 Tetrachloro-m-xylene

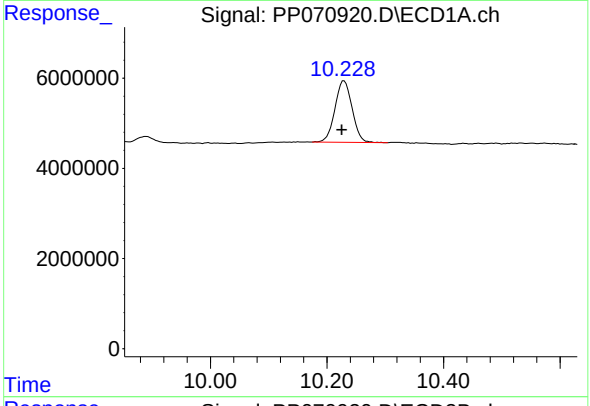
R.T.: 4.515 min
Delta R.T.: 0.003 min
Response: 39892911
Conc: 27.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



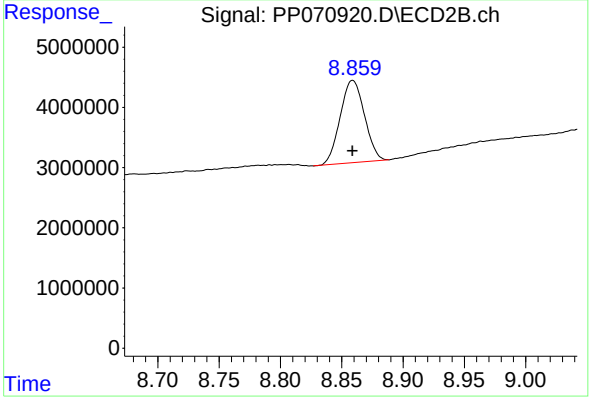
#1 Tetrachloro-m-xylene

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 28120307
Conc: 27.13 ng/ml



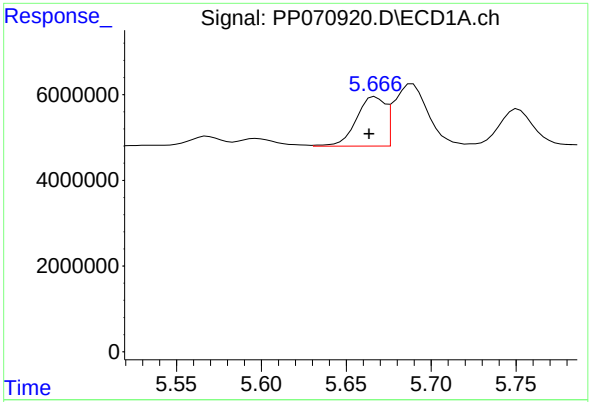
#2 Decachlorobiphenyl

R.T.: 10.229 min
Delta R.T.: 0.004 min
Response: 27877719
Conc: 26.48 ng/ml



#2 Decachlorobiphenyl

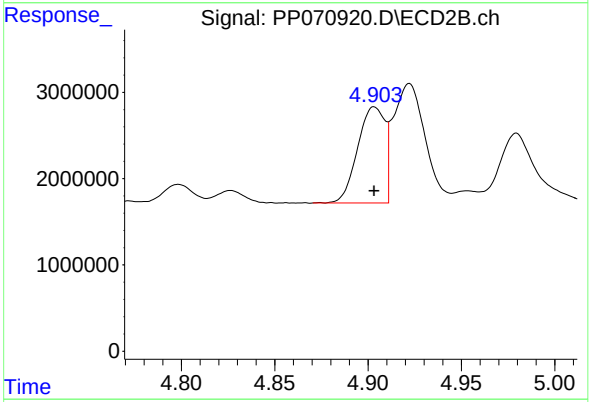
R.T.: 8.859 min
Delta R.T.: 0.000 min
Response: 18839232
Conc: 23.90 ng/ml



#3 AR-1016-1

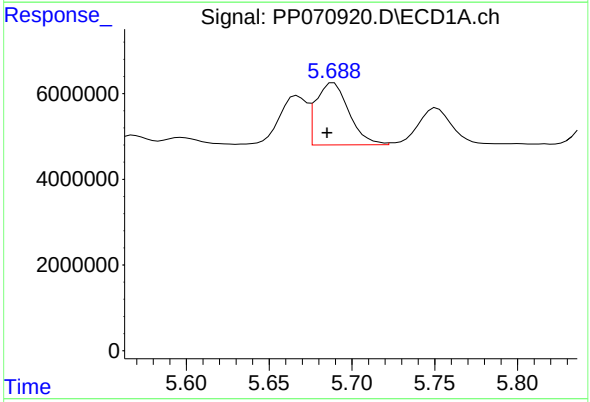
R.T.: 5.667 min
Delta R.T.: 0.004 min
Response: 13581167
Conc: 267.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



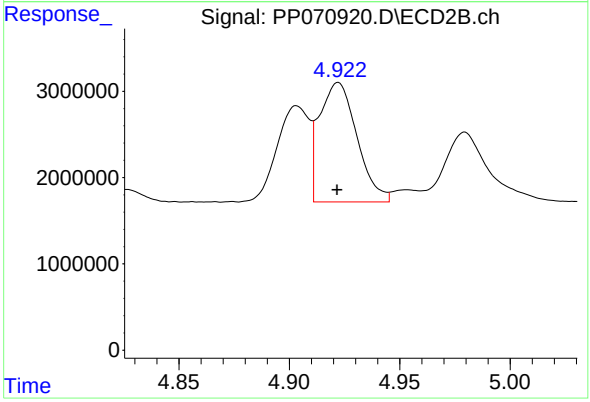
#3 AR-1016-1

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 11323714
Conc: 282.47 ng/ml



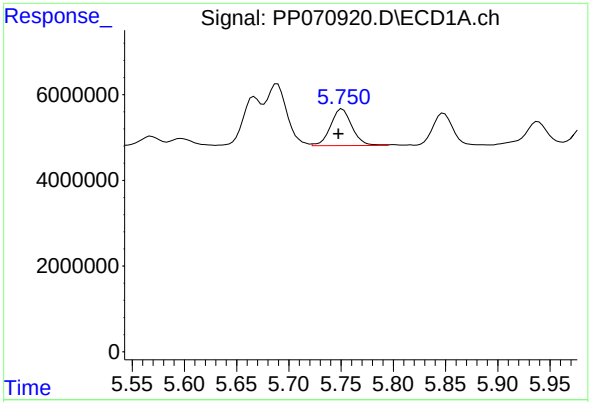
#4 AR-1016-2

R.T.: 5.689 min
Delta R.T.: 0.004 min
Response: 20108471
Conc: 257.62 ng/ml



#4 AR-1016-2

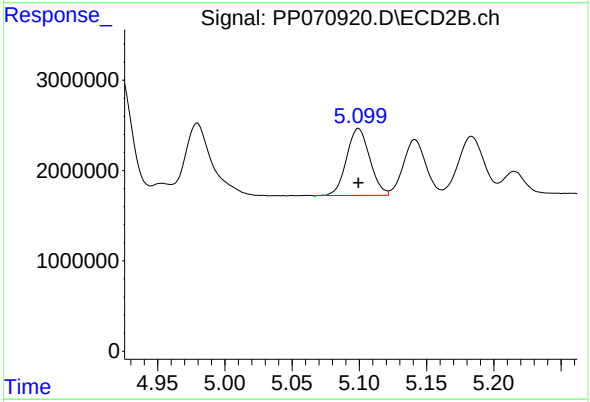
R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 16375760
Conc: 283.00 ng/ml



#5 AR-1016-3

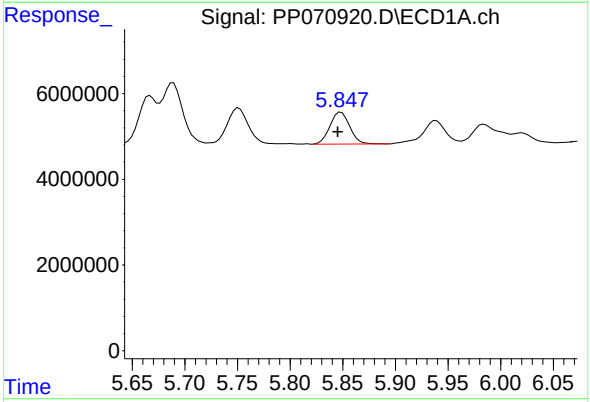
R.T.: 5.751 min
Delta R.T.: 0.004 min
Response: 12212490
Conc: 258.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



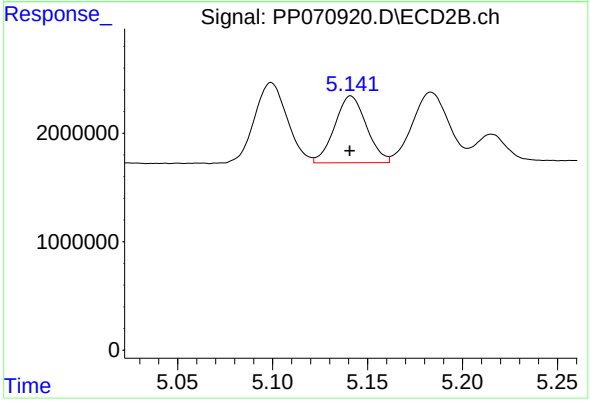
#5 AR-1016-3

R.T.: 5.099 min
Delta R.T.: 0.000 min
Response: 8877034
Conc: 287.07 ng/ml



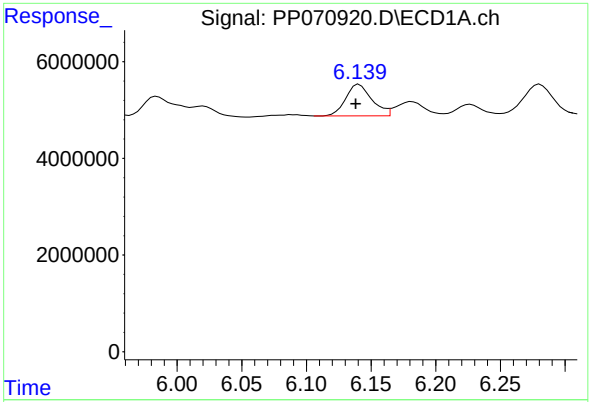
#6 AR-1016-4

R.T.: 5.848 min
Delta R.T.: 0.003 min
Response: 9803037
Conc: 266.71 ng/ml



#6 AR-1016-4

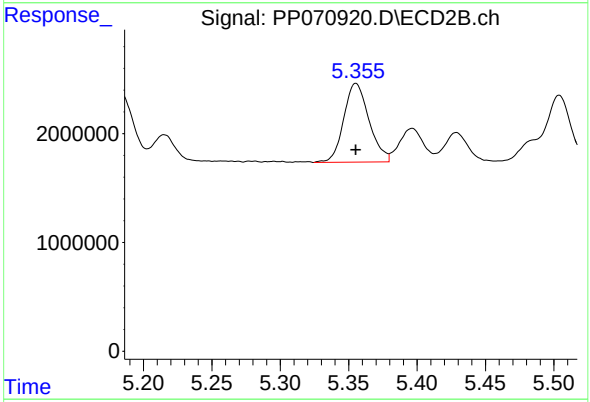
R.T.: 5.141 min
Delta R.T.: 0.000 min
Response: 7158830
Conc: 293.93 ng/ml



#7 AR-1016-5

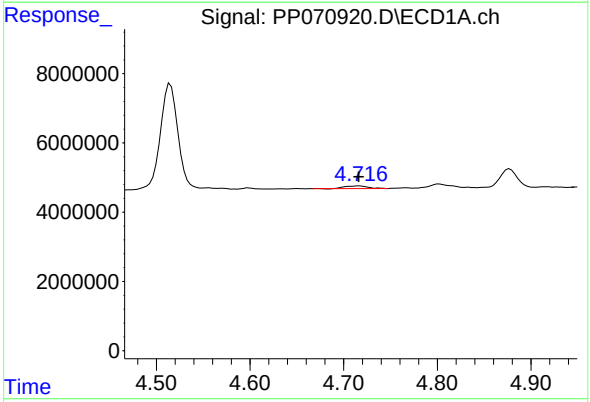
R.T.: 6.141 min
Delta R.T.: 0.003 min
Response: 9152735
Conc: 269.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



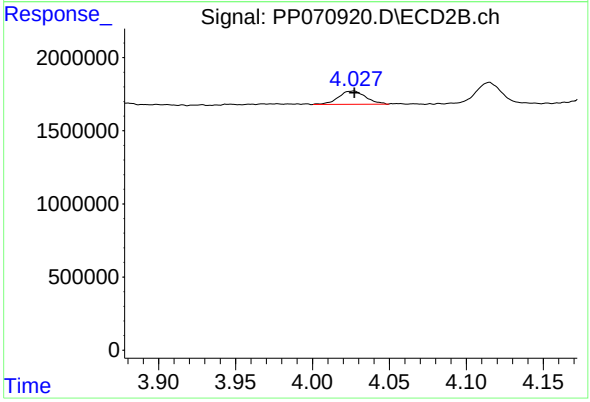
#7 AR-1016-5

R.T.: 5.355 min
Delta R.T.: 0.000 min
Response: 9323046
Conc: 288.45 ng/ml



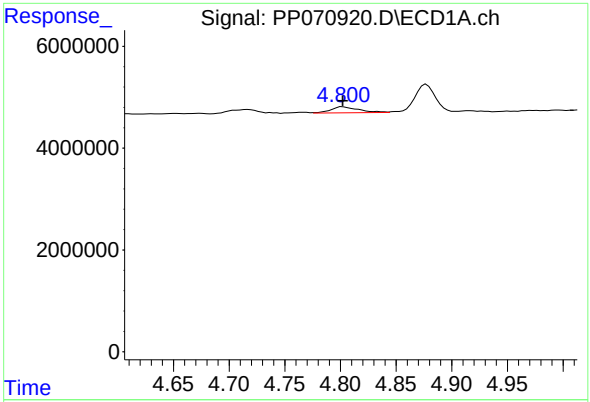
#8 AR-1221-1

R.T.: 4.717 min
Delta R.T.: 0.000 min
Response: 1321625
Conc: 76.16 ng/ml



#8 AR-1221-1

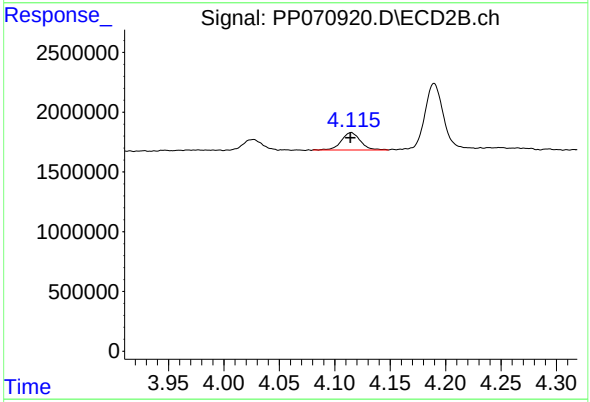
R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 1122384
Conc: 73.63 ng/ml



#9 AR-1221-2

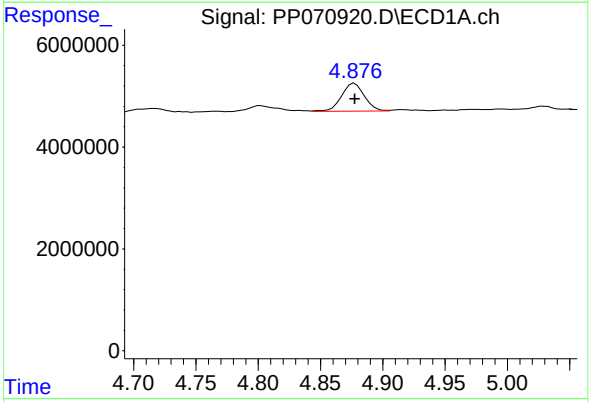
R.T.: 4.802 min
Delta R.T.: 0.000 min
Response: 2090814
Conc: 161.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



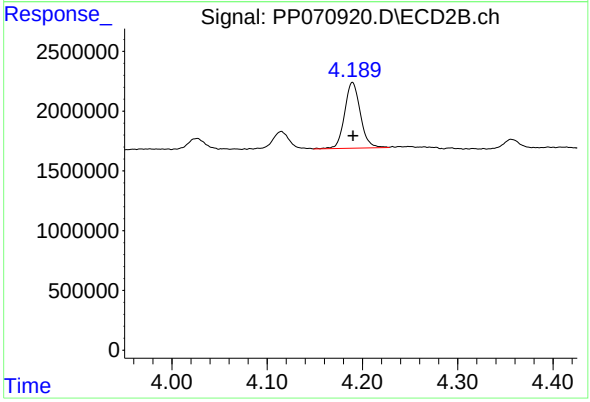
#9 AR-1221-2

R.T.: 4.115 min
Delta R.T.: 0.000 min
Response: 1735253
Conc: 151.73 ng/ml



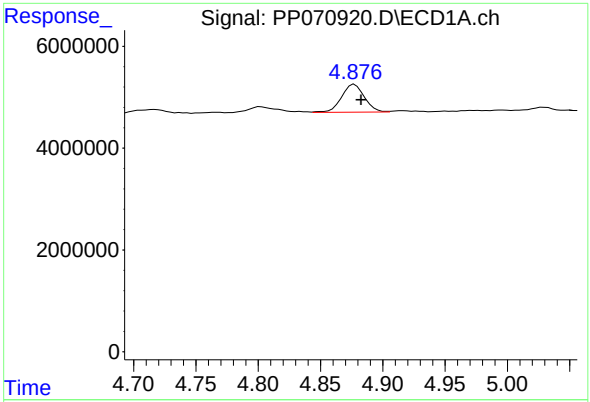
#10 AR-1221-3

R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 7052777
Conc: 169.06 ng/ml



#10 AR-1221-3

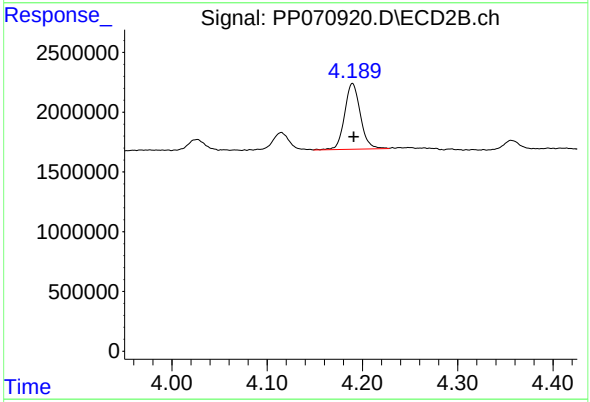
R.T.: 4.190 min
Delta R.T.: 0.000 min
Response: 6326573
Conc: 185.59 ng/ml



#11 AR-1232-1

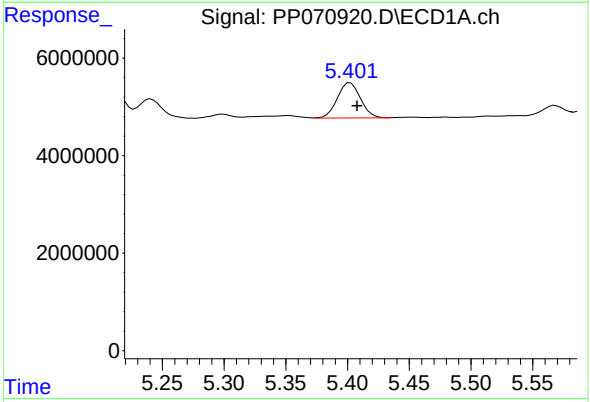
R.T.: 4.877 min
Delta R.T.: -0.005 min
Response: 7052777
Conc: 211.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



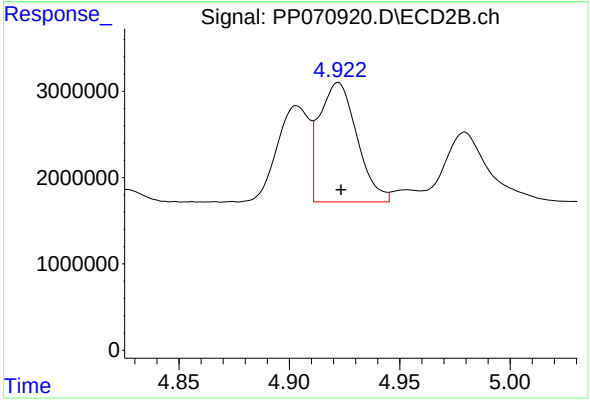
#11 AR-1232-1

R.T.: 4.190 min
Delta R.T.: -0.001 min
Response: 6326573
Conc: 226.06 ng/ml



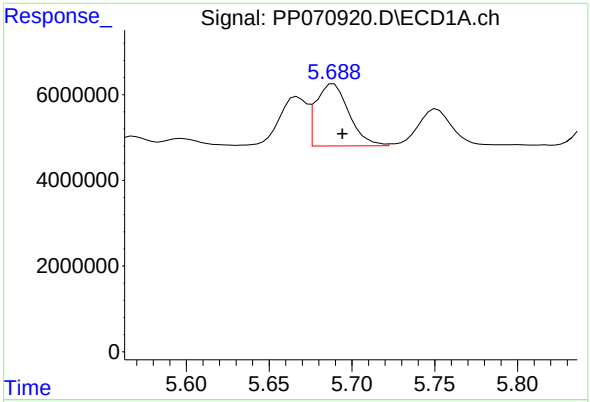
#12 AR-1232-2

R.T.: 5.402 min
Delta R.T.: -0.005 min
Response: 9379837
Conc: 589.54 ng/ml



#12 AR-1232-2

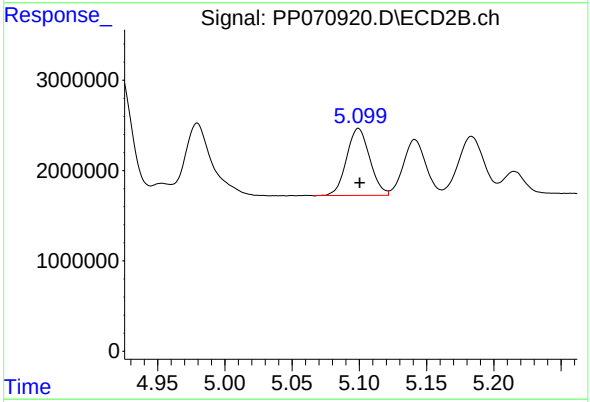
R.T.: 4.922 min
Delta R.T.: -0.001 min
Response: 16375760
Conc: 583.57 ng/ml



#13 AR-1232-3

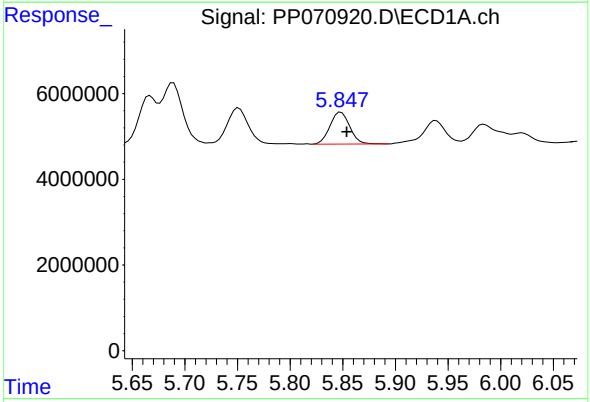
R.T.: 5.689 min
Delta R.T.: -0.005 min
Response: 20108471
Conc: 586.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



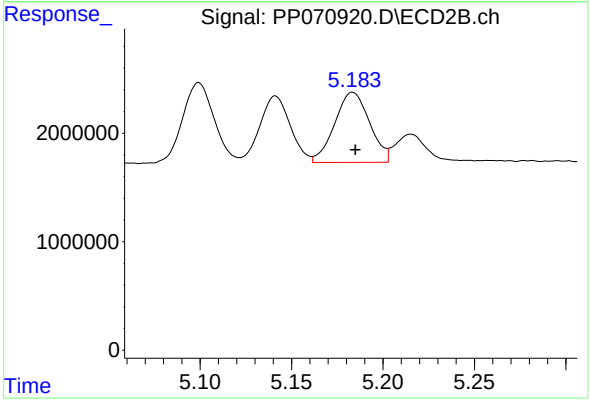
#13 AR-1232-3

R.T.: 5.099 min
Delta R.T.: -0.001 min
Response: 8877034
Conc: 596.19 ng/ml



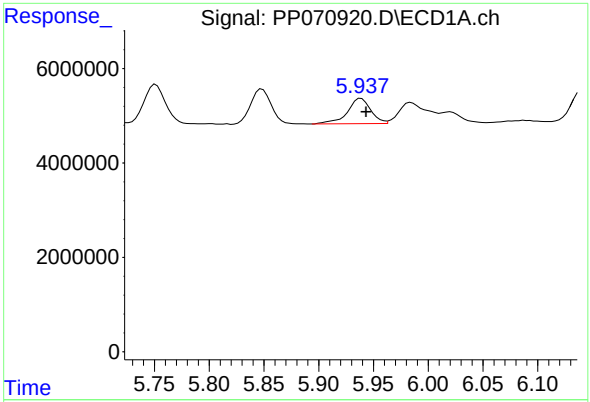
#14 AR-1232-4

R.T.: 5.848 min
Delta R.T.: -0.006 min
Response: 9803037
Conc: 624.10 ng/ml



#14 AR-1232-4

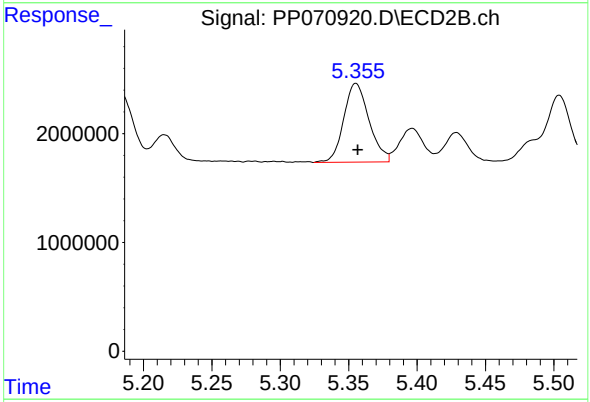
R.T.: 5.183 min
Delta R.T.: -0.001 min
Response: 8604427
Conc: 671.99 ng/ml



#15 AR-1232-5

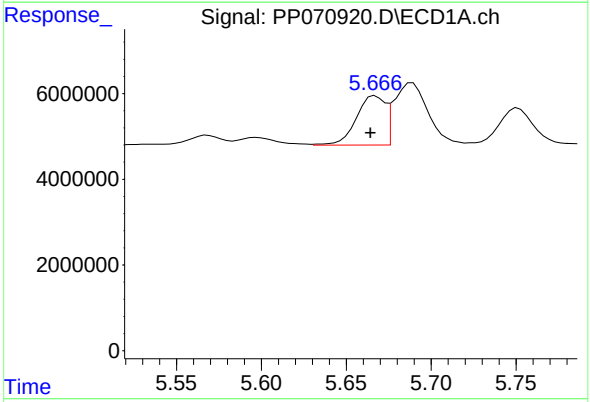
R.T.: 5.939 min
Delta R.T.: -0.005 min
Response: 7957300
Conc: 747.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



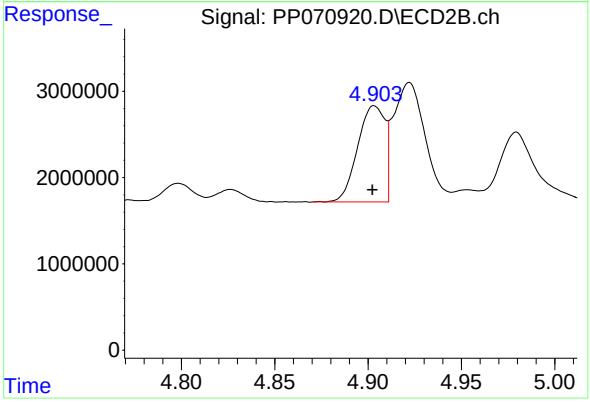
#15 AR-1232-5

R.T.: 5.355 min
Delta R.T.: -0.001 min
Response: 9323046
Conc: 657.72 ng/ml



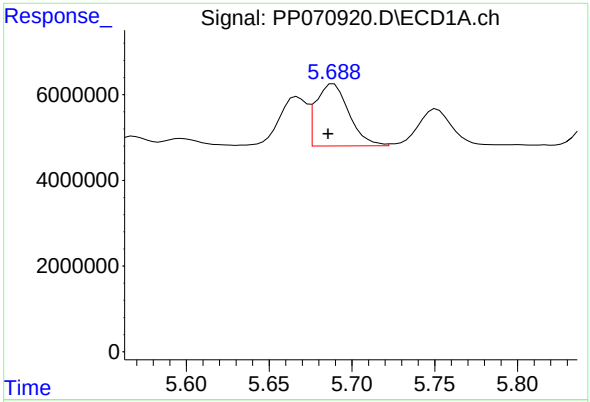
#16 AR-1242-1

R.T.: 5.667 min
Delta R.T.: 0.003 min
Response: 13581167
Conc: 308.82 ng/ml



#16 AR-1242-1

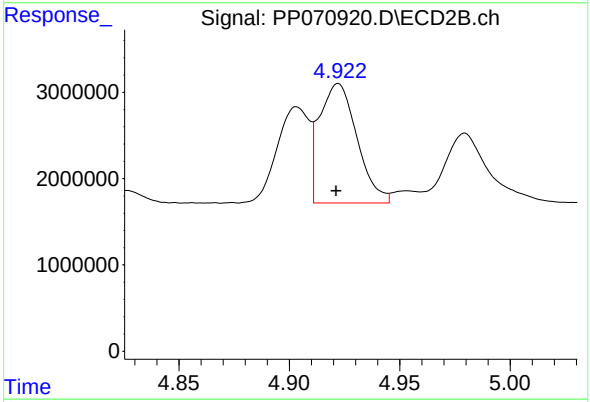
R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 11323714
Conc: 331.14 ng/ml



#17 AR-1242-2

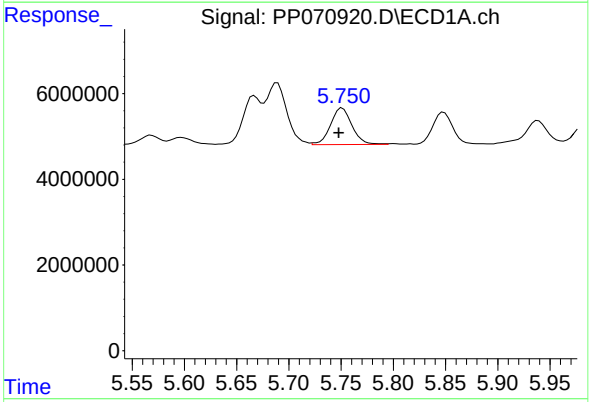
R.T.: 5.689 min
Delta R.T.: 0.003 min
Response: 20108471
Conc: 312.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



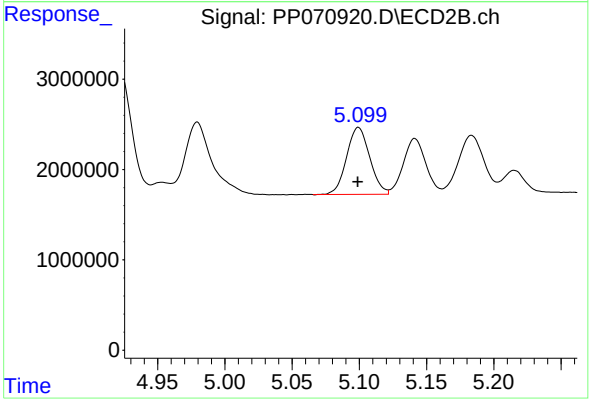
#17 AR-1242-2

R.T.: 4.922 min
Delta R.T.: 0.001 min
Response: 16375760
Conc: 332.45 ng/ml



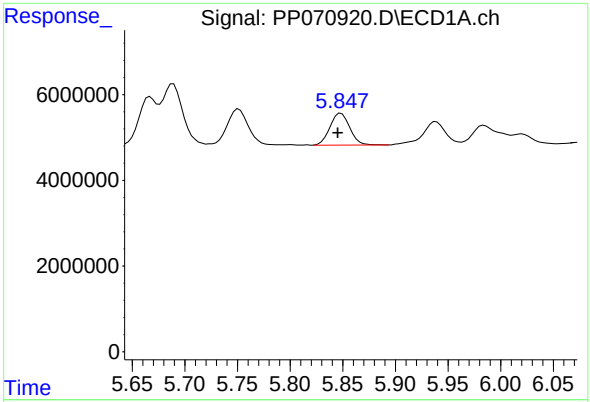
#18 AR-1242-3

R.T.: 5.751 min
Delta R.T.: 0.003 min
Response: 12212490
Conc: 297.58 ng/ml



#18 AR-1242-3

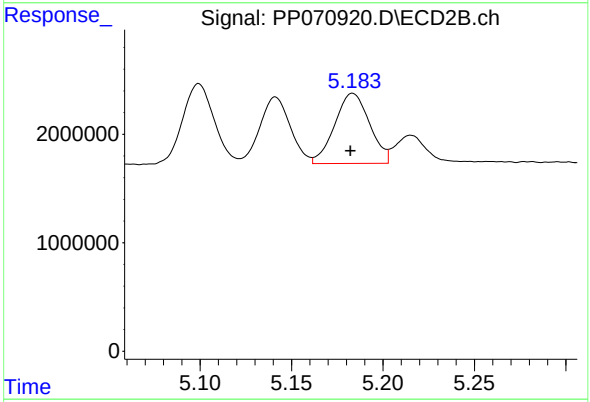
R.T.: 5.099 min
Delta R.T.: 0.000 min
Response: 8877034
Conc: 333.17 ng/ml



#19 AR-1242-4

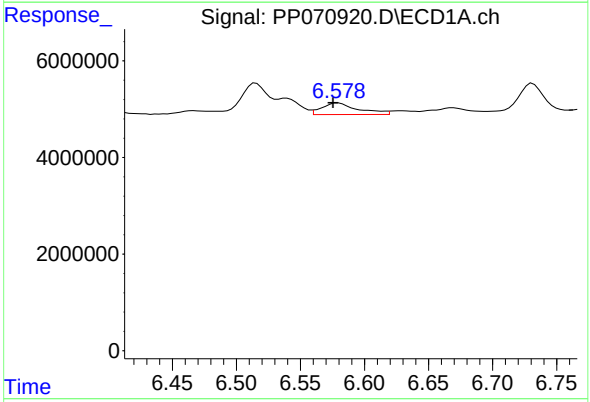
R.T.: 5.848 min
Delta R.T.: 0.003 min
Response: 9803037
Conc: 321.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



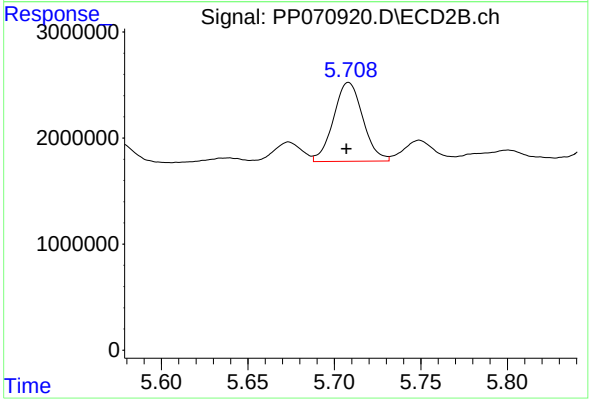
#19 AR-1242-4

R.T.: 5.183 min
Delta R.T.: 0.001 min
Response: 8604427
Conc: 326.19 ng/ml



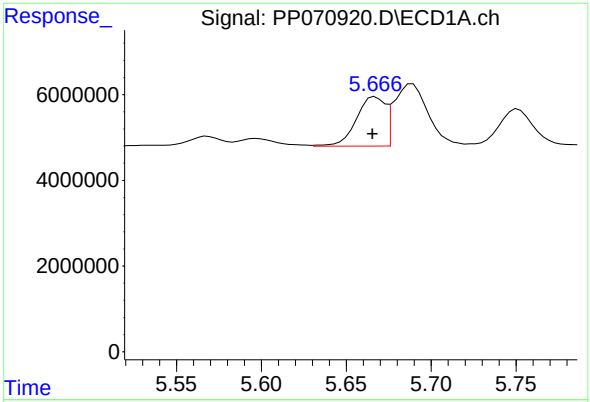
#20 AR-1242-5

R.T.: 6.579 min
Delta R.T.: 0.004 min
Response: 4761571
Conc: 130.42 ng/ml



#20 AR-1242-5

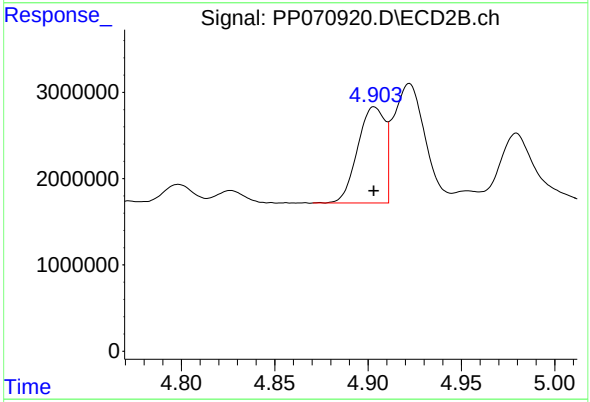
R.T.: 5.708 min
Delta R.T.: 0.001 min
Response: 8766943
Conc: 283.19 ng/ml



#21 AR-1248-1

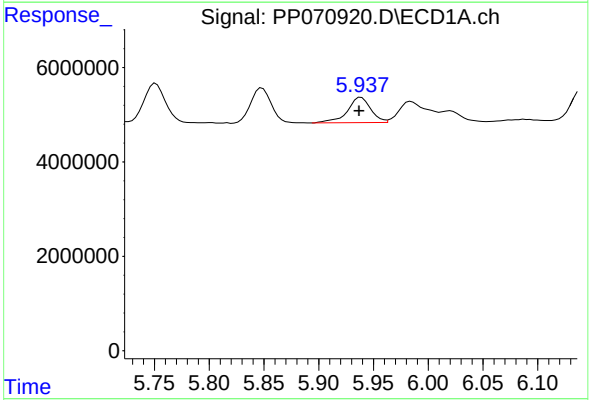
R.T.: 5.667 min
Delta R.T.: 0.002 min
Response: 13581167
Conc: 374.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



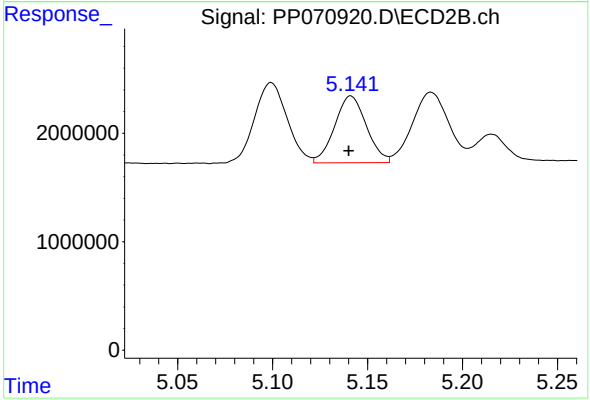
#21 AR-1248-1

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 11323714
Conc: 418.16 ng/ml



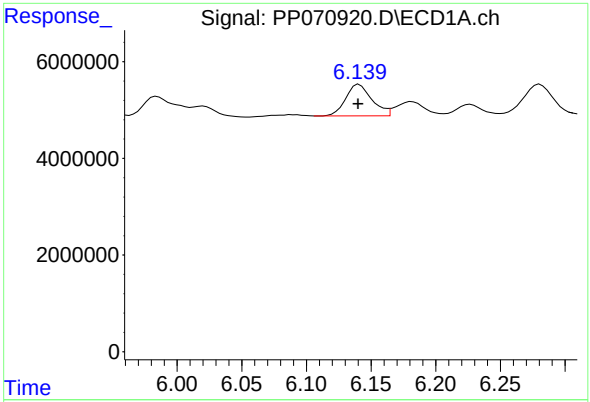
#22 AR-1248-2

R.T.: 5.939 min
Delta R.T.: 0.002 min
Response: 7957300
Conc: 177.07 ng/ml



#22 AR-1248-2

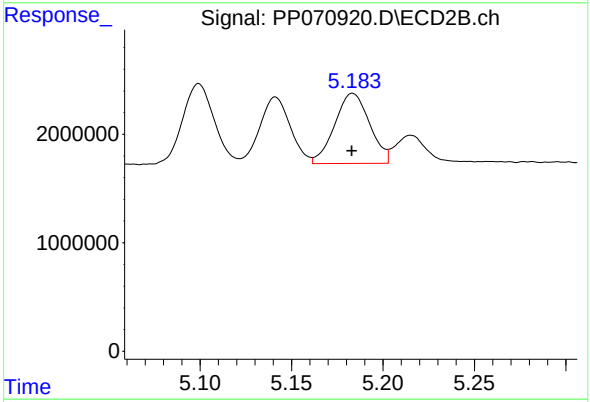
R.T.: 5.141 min
Delta R.T.: 0.001 min
Response: 7158830
Conc: 194.94 ng/ml



#23 AR-1248-3

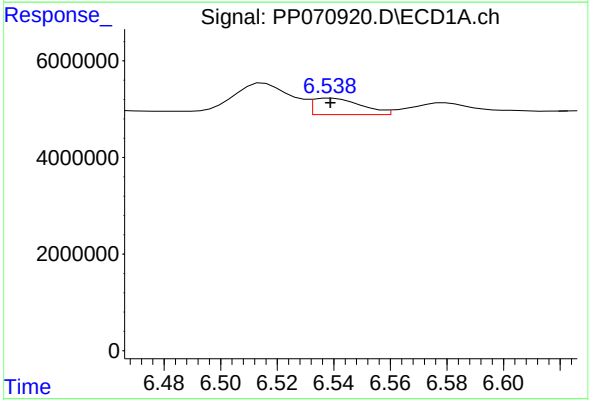
R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 9152735
Conc: 180.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



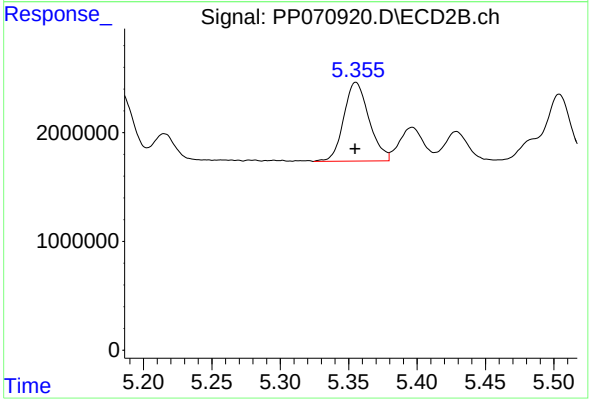
#23 AR-1248-3

R.T.: 5.183 min
Delta R.T.: 0.000 min
Response: 8604427
Conc: 222.57 ng/ml



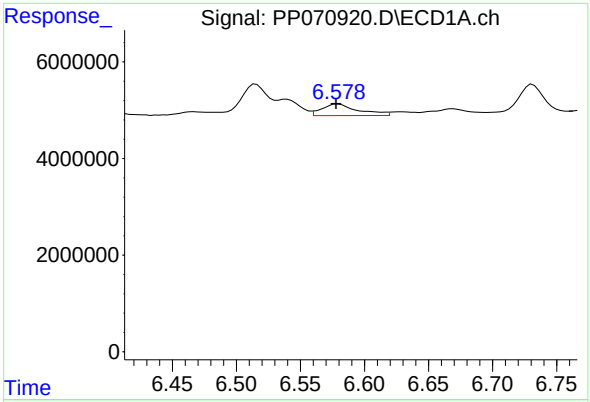
#24 AR-1248-4

R.T.: 6.539 min
Delta R.T.: 0.000 min
Response: 4049391
Conc: 63.13 ng/ml



#24 AR-1248-4

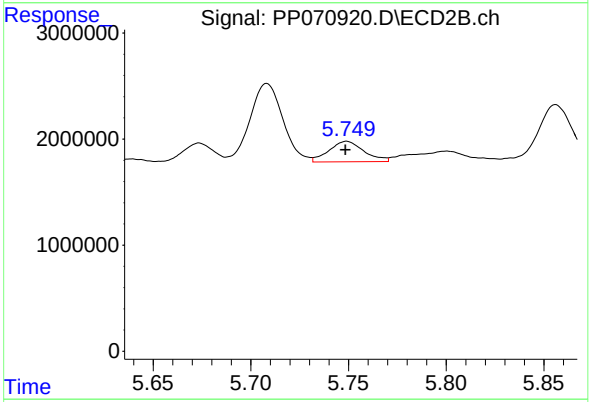
R.T.: 5.355 min
Delta R.T.: 0.000 min
Response: 9323046
Conc: 206.53 ng/ml



#25 AR-1248-5

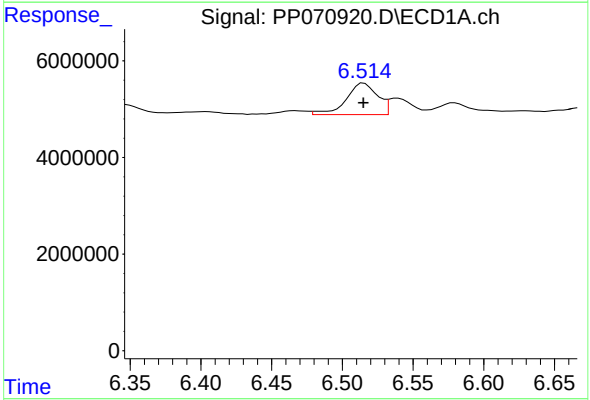
R.T.: 6.579 min
Delta R.T.: 0.002 min
Response: 4761571
Conc: 78.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



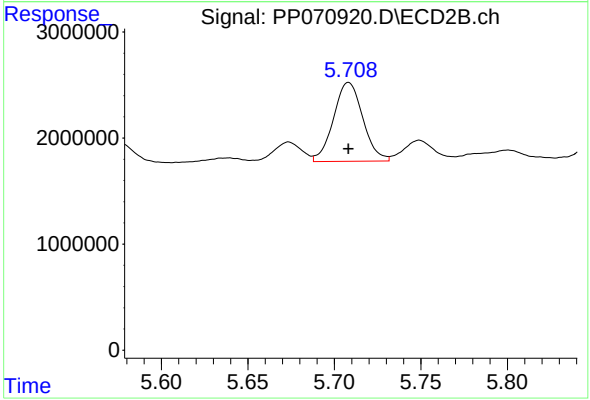
#25 AR-1248-5

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 2416322
Conc: 56.62 ng/ml



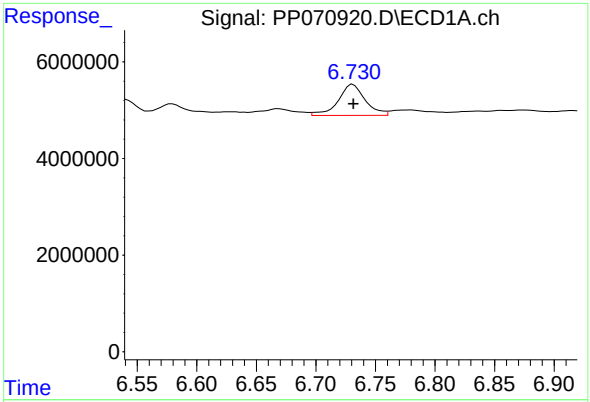
#26 AR-1254-1

R.T.: 6.515 min
Delta R.T.: 0.000 min
Response: 10069870
Conc: 156.39 ng/ml



#26 AR-1254-1

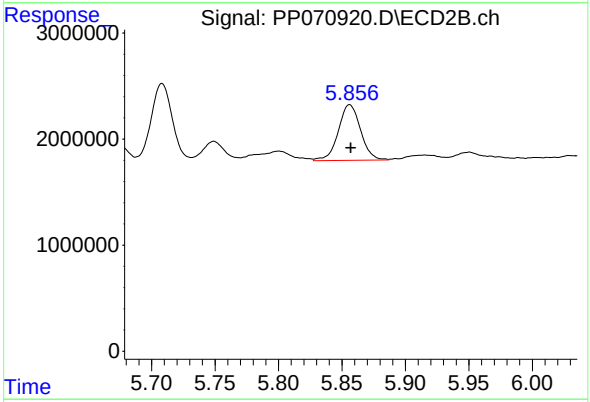
R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 8766943
Conc: 132.80 ng/ml



#27 AR-1254-2

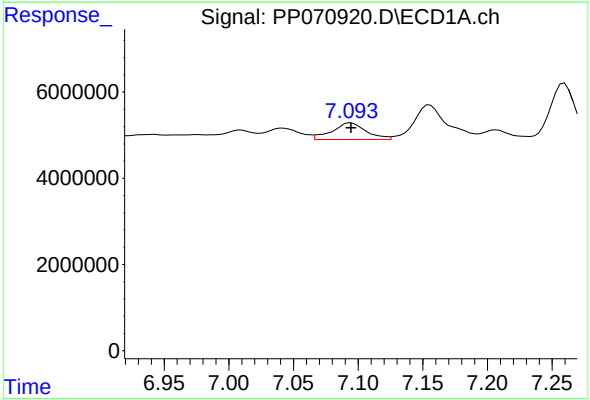
R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 10106718
Conc: 99.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



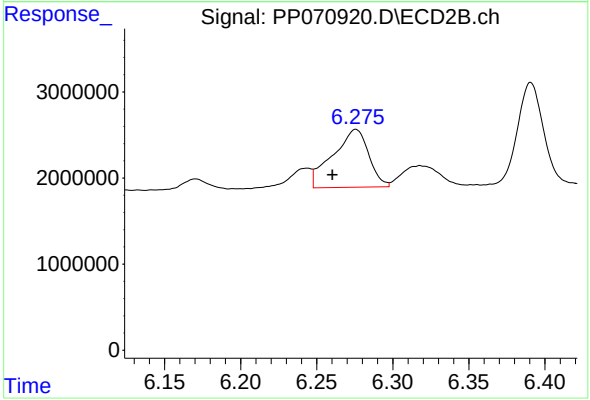
#27 AR-1254-2

R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 6407649
Conc: 112.22 ng/ml



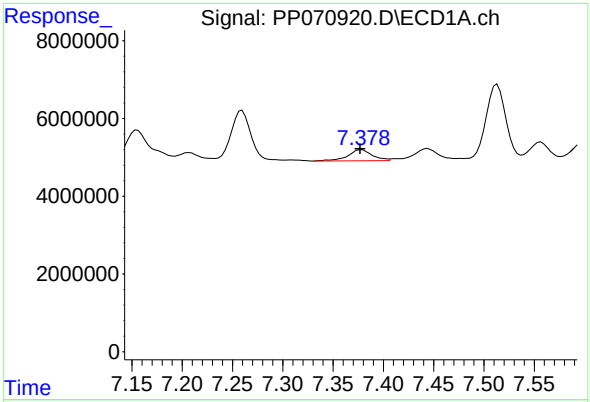
#28 AR-1254-3

R.T.: 7.094 min
Delta R.T.: 0.000 min
Response: 7072472
Conc: 70.92 ng/ml



#28 AR-1254-3

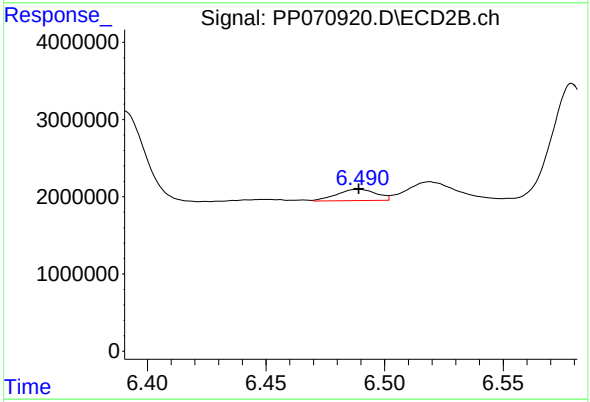
R.T.: 6.276 min
Delta R.T.: 0.016 min
Response: 11091003
Conc: 127.72 ng/ml



#29 AR-1254-4

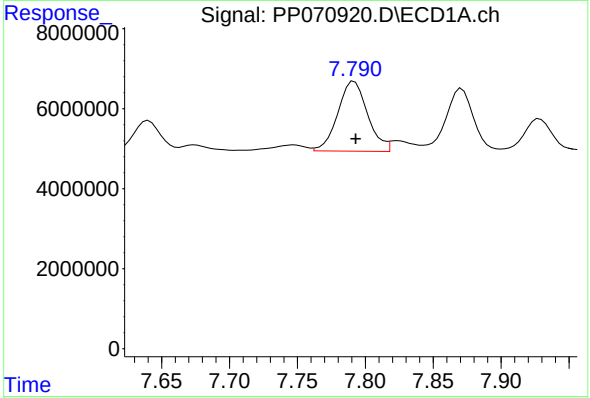
R.T.: 7.379 min
Delta R.T.: 0.002 min
Response: 4686448
Conc: 54.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



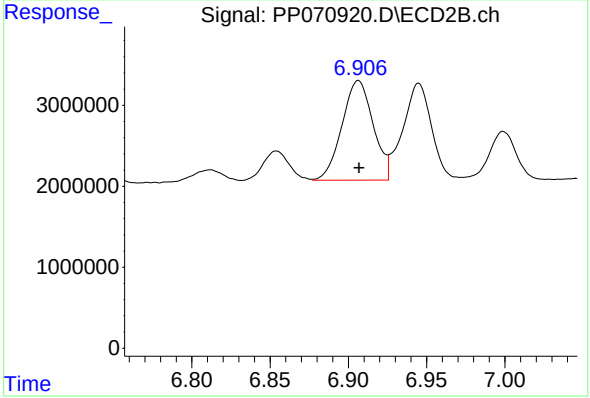
#29 AR-1254-4

R.T.: 6.489 min
Delta R.T.: 0.000 min
Response: 1684678
Conc: 30.03 ng/ml



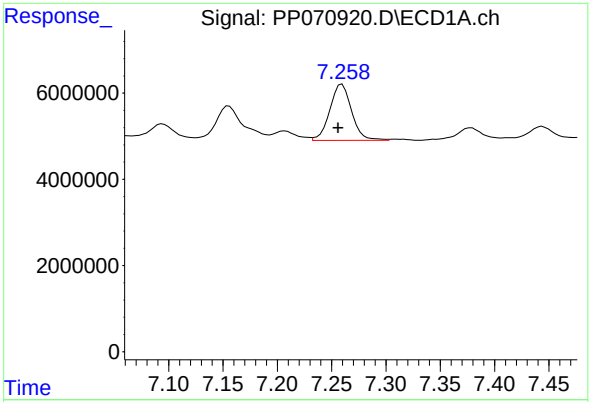
#30 AR-1254-5

R.T.: 7.792 min
Delta R.T.: -0.001 min
Response: 26750553
Conc: 332.92 ng/ml



#30 AR-1254-5

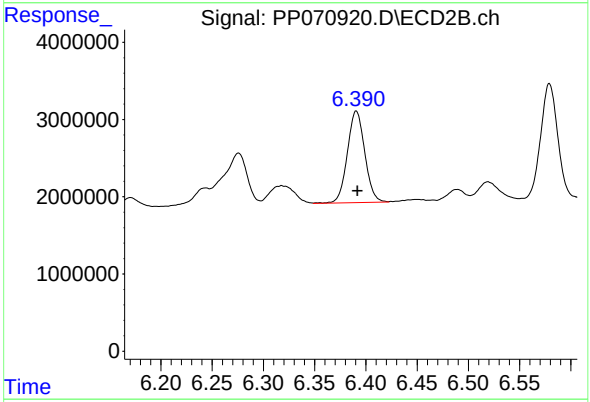
R.T.: 6.906 min
Delta R.T.: 0.000 min
Response: 17034582
Conc: 236.10 ng/ml



#31 AR-1260-1

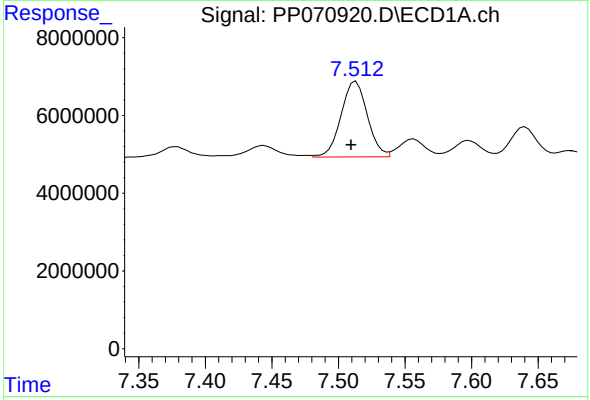
R.T.: 7.260 min
Delta R.T.: 0.004 min
Response: 18182257
Conc: 270.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



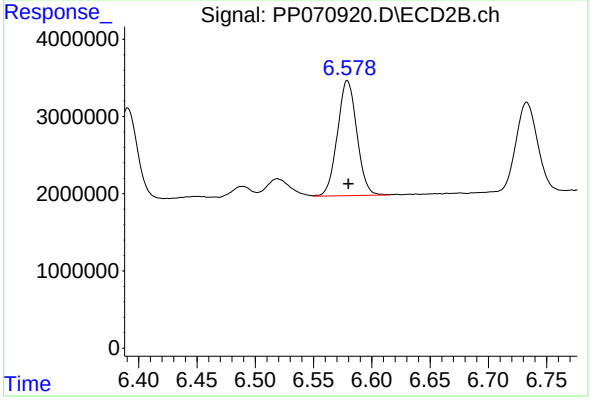
#31 AR-1260-1

R.T.: 6.391 min
Delta R.T.: -0.001 min
Response: 14056672
Conc: 274.51 ng/ml



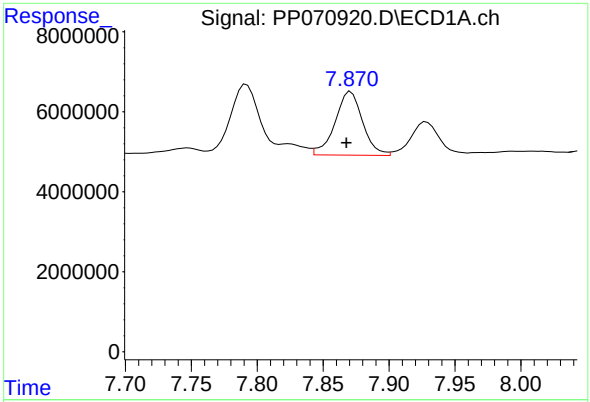
#32 AR-1260-2

R.T.: 7.513 min
Delta R.T.: 0.004 min
Response: 26780079
Conc: 278.56 ng/ml



#32 AR-1260-2

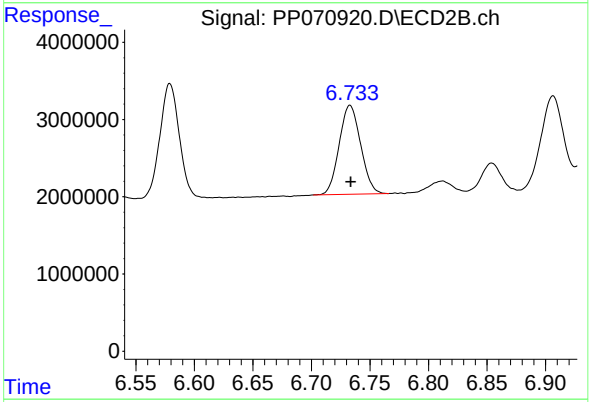
R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 17295947
Conc: 271.12 ng/ml



#33 AR-1260-3

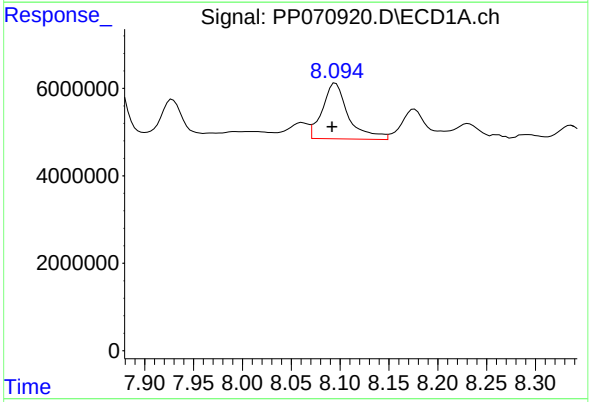
R.T.: 7.871 min
Delta R.T.: 0.003 min
Response: 23122222
Conc: 289.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



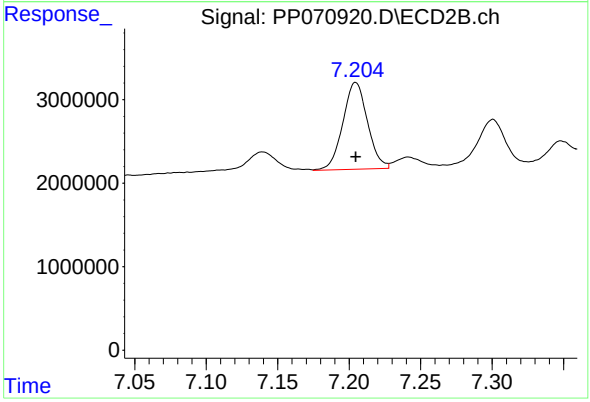
#33 AR-1260-3

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 14684885
Conc: 269.51 ng/ml



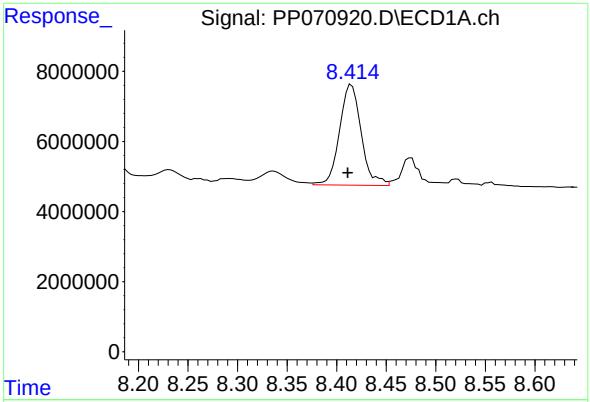
#34 AR-1260-4

R.T.: 8.095 min
Delta R.T.: 0.004 min
Response: 23709378
Conc: 301.12 ng/ml



#34 AR-1260-4

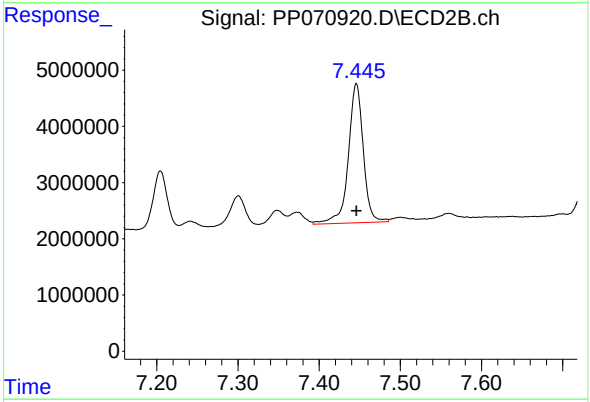
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 12488782
Conc: 261.13 ng/ml



#35 AR-1260-5

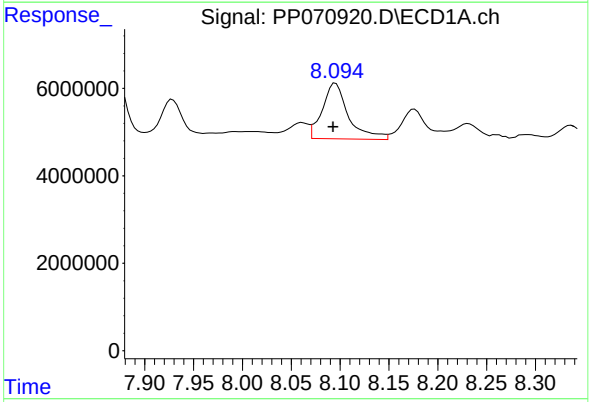
R.T.: 8.415 min
Delta R.T.: 0.004 min
Response: 43743345
Conc: 275.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



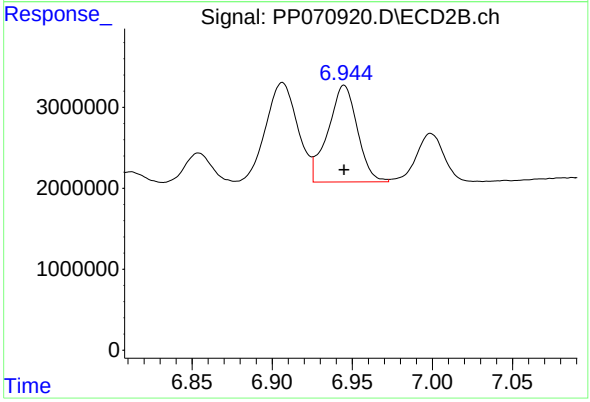
#35 AR-1260-5

R.T.: 7.446 min
Delta R.T.: 0.000 min
Response: 31815782
Conc: 255.53 ng/ml



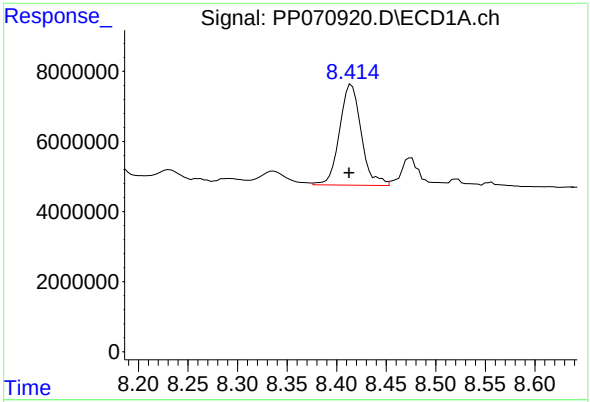
#36 AR-1262-1

R.T.: 8.095 min
Delta R.T.: 0.003 min
Response: 23709378
Conc: 223.04 ng/ml



#36 AR-1262-1

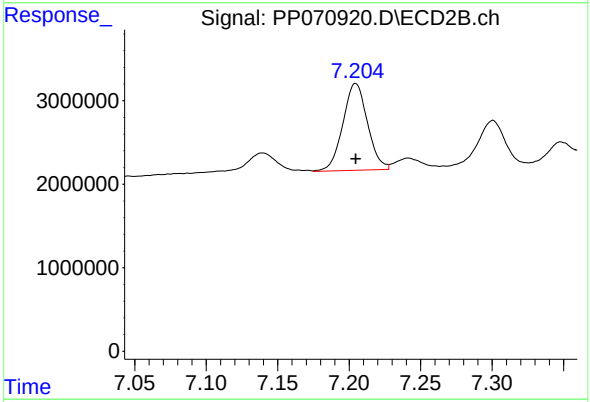
R.T.: 6.945 min
Delta R.T.: 0.000 min
Response: 15226146
Conc: 177.95 ng/ml



#37 AR-1262-2

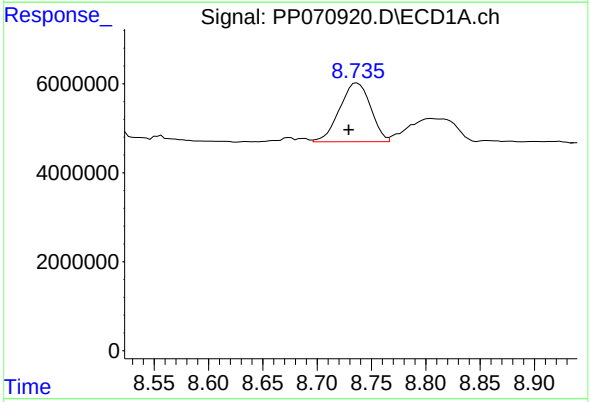
R.T.: 8.415 min
Delta R.T.: 0.003 min
Response: 43743345
Conc: 220.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



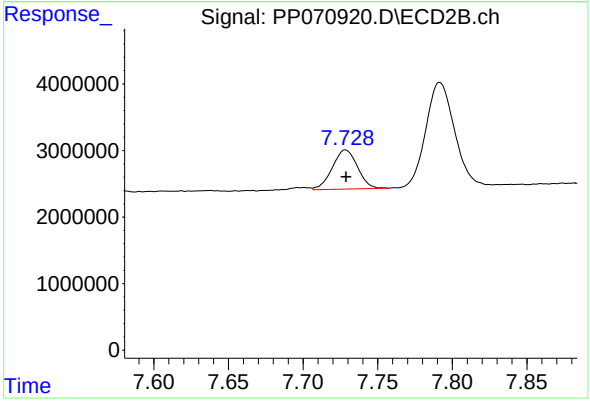
#37 AR-1262-2

R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 12488782
Conc: 182.41 ng/ml



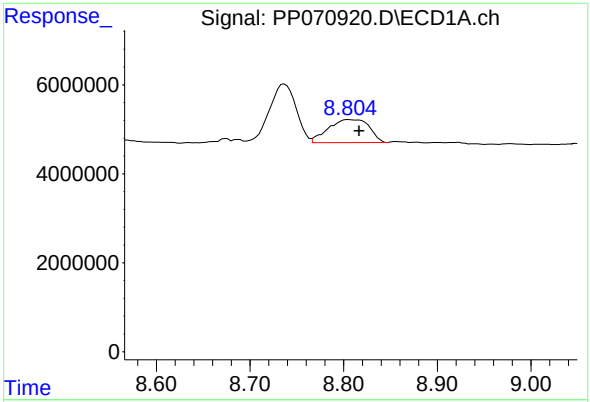
#38 AR-1262-3

R.T.: 8.737 min
Delta R.T.: 0.008 min
Response: 26257171
Conc: 199.31 ng/ml



#38 AR-1262-3

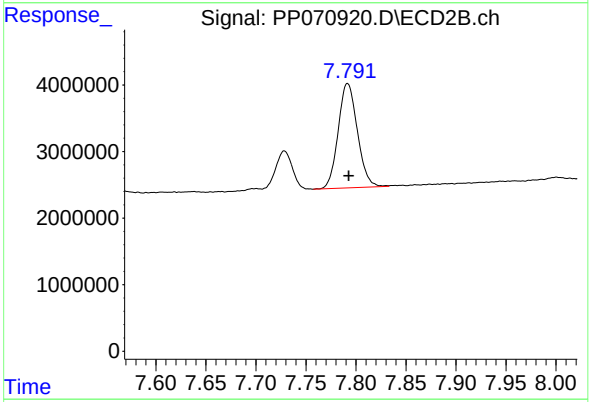
R.T.: 7.728 min
Delta R.T.: 0.000 min
Response: 6907710
Conc: 113.76 ng/ml



#39 AR-1262-4

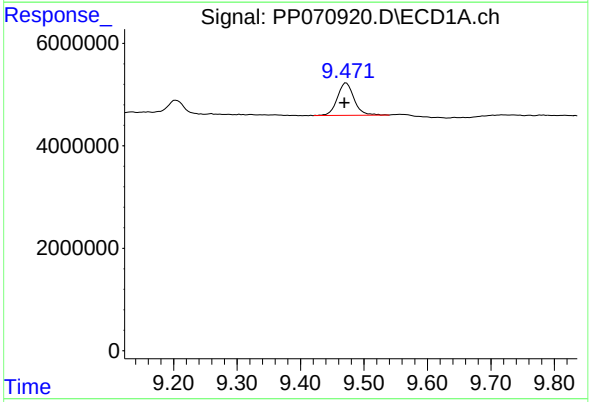
R.T.: 8.806 min
Delta R.T.: -0.011 min
Response: 15776574
Conc: 165.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



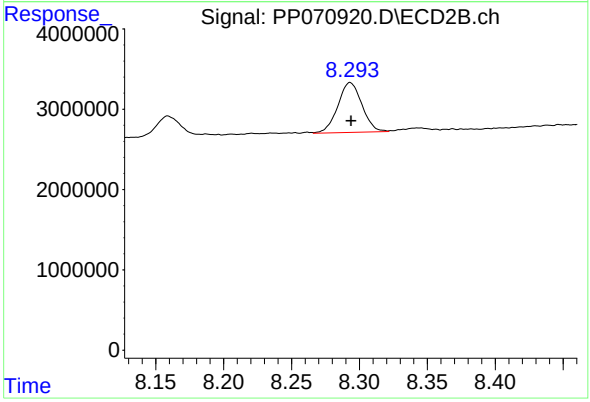
#39 AR-1262-4

R.T.: 7.792 min
Delta R.T.: -0.001 min
Response: 20963428
Conc: 210.89 ng/ml



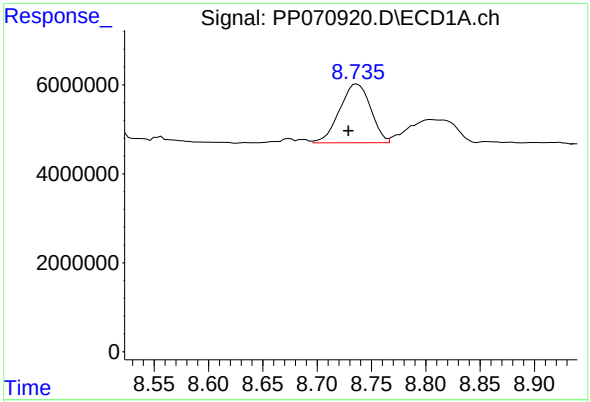
#40 AR-1262-5

R.T.: 9.472 min
Delta R.T.: 0.003 min
Response: 11555188
Conc: 177.59 ng/ml



#40 AR-1262-5

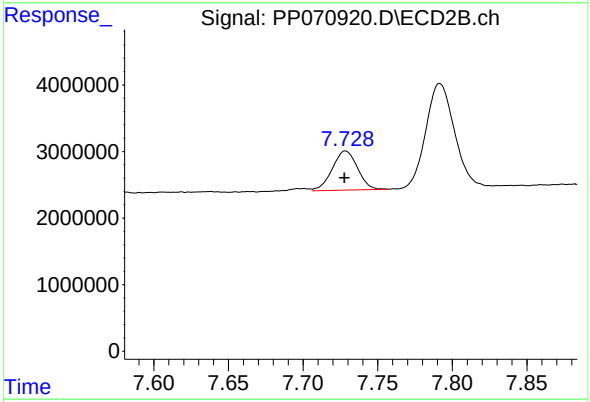
R.T.: 8.293 min
Delta R.T.: 0.000 min
Response: 7670514
Conc: 163.65 ng/ml



#41 AR-1268-1

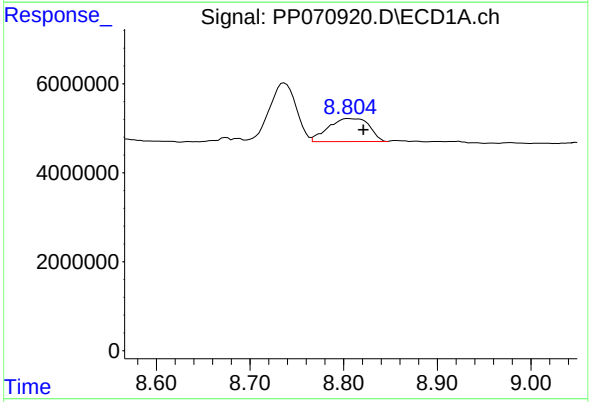
R.T.: 8.737 min
Delta R.T.: 0.008 min
Response: 26257171
Conc: 111.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



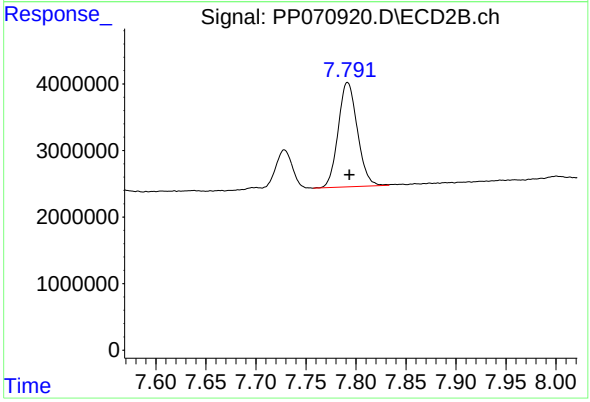
#41 AR-1268-1

R.T.: 7.728 min
Delta R.T.: 0.000 min
Response: 6907710
Conc: 40.30 ng/ml



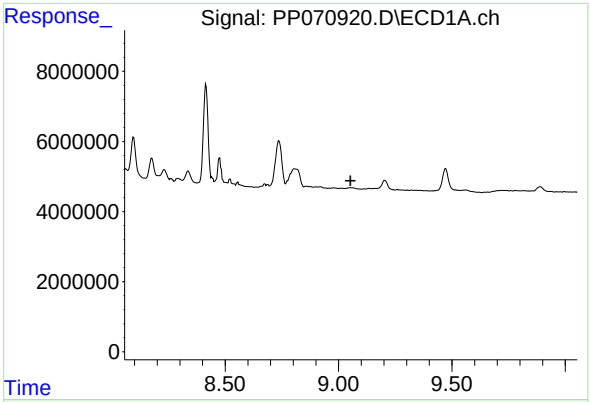
#42 AR-1268-2

R.T.: 8.806 min
Delta R.T.: -0.016 min
Response: 15776574
Conc: 80.77 ng/ml



#42 AR-1268-2

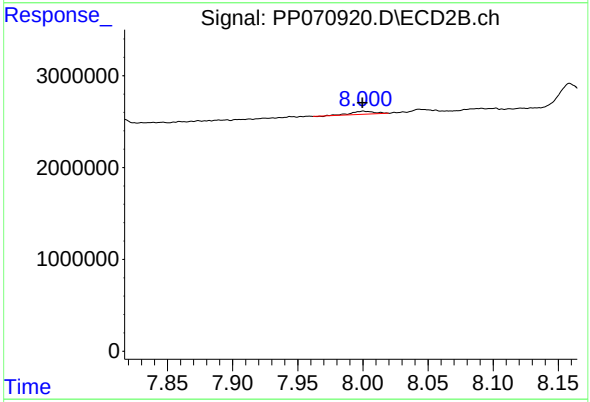
R.T.: 7.792 min
Delta R.T.: -0.002 min
Response: 20963428
Conc: 146.31 ng/ml



#43 AR-1268-3

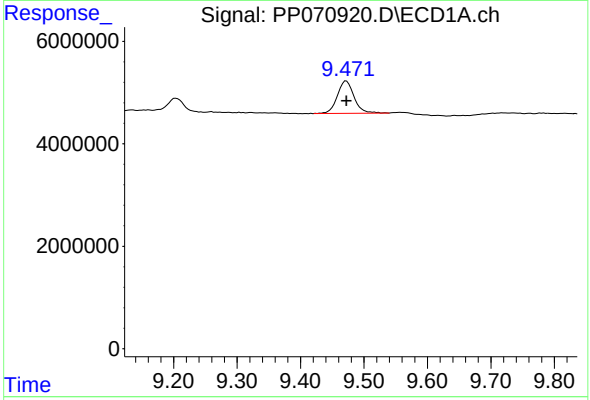
R.T.: 0.000 min
Exp R.T. : 9.053 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



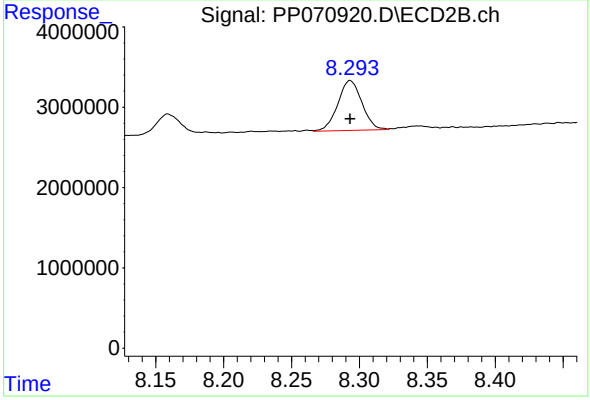
#43 AR-1268-3

R.T.: 8.001 min
Delta R.T.: 0.000 min
Response: 412782
Conc: 3.35 ng/ml



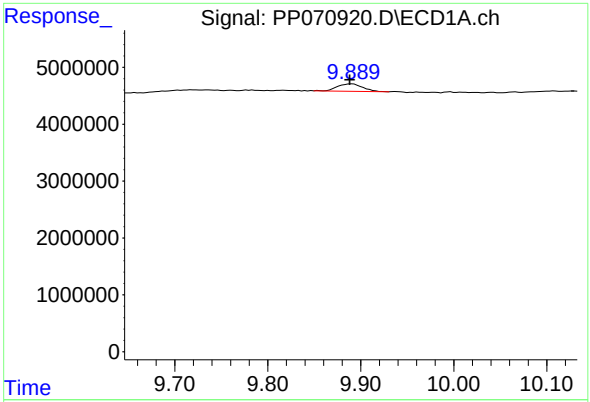
#44 AR-1268-4

R.T.: 9.472 min
Delta R.T.: 0.000 min
Response: 11555188
Conc: 163.33 ng/ml



#44 AR-1268-4

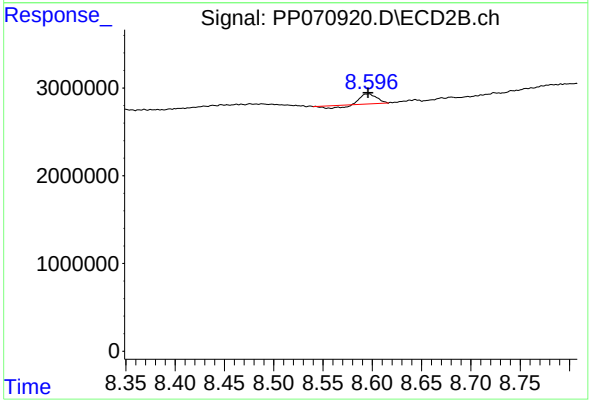
R.T.: 8.293 min
Delta R.T.: 0.000 min
Response: 7670514
Conc: 145.24 ng/ml



#45 AR-1268-5

R.T.: 9.890 min
Delta R.T.: 0.002 min
Response: 2482779
Conc: 5.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



#45 AR-1268-5

R.T.: 8.596 min
Delta R.T.: 0.000 min
Response: 969431
Conc: 2.68 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070921.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 11:35
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: Mar 31 03:04:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.513	3.816	6533335	5359624	4.470	5.170	
2)	SA Decachlor...	10.230	8.858	4733739	3413055	4.497	4.330	
	Target Compounds							
3)	L1 AR-1016-1	5.666	4.903	2617394	2265971	51.472	56.525	
4)	L1 AR-1016-2	5.688	4.922	4198554	3321854	53.791	57.407	
5)	L1 AR-1016-3	5.751	5.099	2631097	1626306	55.774	52.592	
6)	L1 AR-1016-4	5.848	5.140	1614372	1232754	43.922	50.614	
7)	L1 AR-1016-5	6.140	5.356	1323106	1866333	39.016	57.743	#
8)	L2 AR-1221-1	4.717	4.024	421830	114713	24.308	7.525	#
9)	L2 AR-1221-2	4.801	4.115	218742	388578	16.887	33.978	#
10)	L2 AR-1221-3	4.877	4.189	1349629	1162778	32.352	34.110	
11)	L3 AR-1232-1	4.877	4.189	1349629	1162778	40.543	41.548	
12)	L3 AR-1232-2	5.401	4.922	1794886	3321854	112.813	118.379	
13)	L3 AR-1232-3	5.688	5.099	4198554	1626306	122.513	109.224	
14)	L3 AR-1232-4	5.848	5.183	1614372	1568895	102.777	122.528	
15)	L3 AR-1232-5	5.935	5.356	1663453	1866333	156.334	131.666	
16)	L4 AR-1242-1	5.666	4.903	2617394	2265971	59.517	66.265	
17)	L4 AR-1242-2	5.688	4.922	4198554	3321854	65.280	67.438	
18)	L4 AR-1242-3	5.751	5.099	2631097	1626306	64.111	61.038	
19)	L4 AR-1242-4	5.848	5.183	1614372	1568895	52.890	59.477	
20)	L4 AR-1242-5	6.582	5.708	1738801	1466013	47.625	47.354	
21)	L5 AR-1248-1	5.666	4.903	2617394	2265971	72.129	83.677	
22)	L5 AR-1248-2	5.935	5.140	1663453	1232754	37.016	33.569	
23)	L5 AR-1248-3	6.140	5.183	1323106	1568895	26.129	40.583	#
24)	L5 AR-1248-4	6.539	5.356	1621071	1866333	25.271	41.345	#
25)	L5 AR-1248-5	6.582	5.748	1738801	371096	28.577	8.695	#
26)	L6 AR-1254-1	6.515	5.708	3489366	1466013	54.191	22.206	#
27)	L6 AR-1254-2	6.731	5.857	4772204	1146779	47.207	20.084	#
28)	L6 AR-1254-3	7.095	6.275	7925059	3163207	79.467	36.425	#
29)	L6 AR-1254-4	7.380	6.490	1640237	349900	18.941	6.237	#
30)	L6 AR-1254-5	7.791	6.906	5692306	2994420	70.843	41.502	#
31)	L7 AR-1260-1	7.258	6.391	4772844	2989801	71.074	58.387	
32)	L7 AR-1260-2	7.512	6.579	5123964	3357287	53.299	52.627	
33)	L7 AR-1260-3	7.871	6.732	5463057	2827385	68.358	51.891	
34)	L7 AR-1260-4	8.095	7.205	9380427	2746307	119.136	57.423	#
35)	L7 AR-1260-5	8.414	7.445	11051960	7013440	69.559	56.328	
36)	L8 AR-1262-1	8.095	6.945	9380427	2613596	88.245	30.546	#
37)	L8 AR-1262-2	8.414	7.205	11051960	2746307	55.710	40.113	#
38)	L8 AR-1262-3	8.737	7.729	4423235	1556480	33.575	25.632	
39)	L8 AR-1262-4	8.806	7.792	1951193	3771123	20.407	37.936	#
40)	L8 AR-1262-5	9.470	8.292	1729860	1260427	26.586	26.891	
41)	L9 AR-1268-1	8.737	7.729	4423235	1556480	18.782	9.081	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070921.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 11:35
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: Mar 31 03:04:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.806	7.792	1951193	3771123	9.990	26.319 #
43) L9	AR-1268-3	0.000	8.026	0	152620	N.D.	1.239 #
44) L9	AR-1268-4	9.470	8.292	1729860	1260427	24.451	23.866

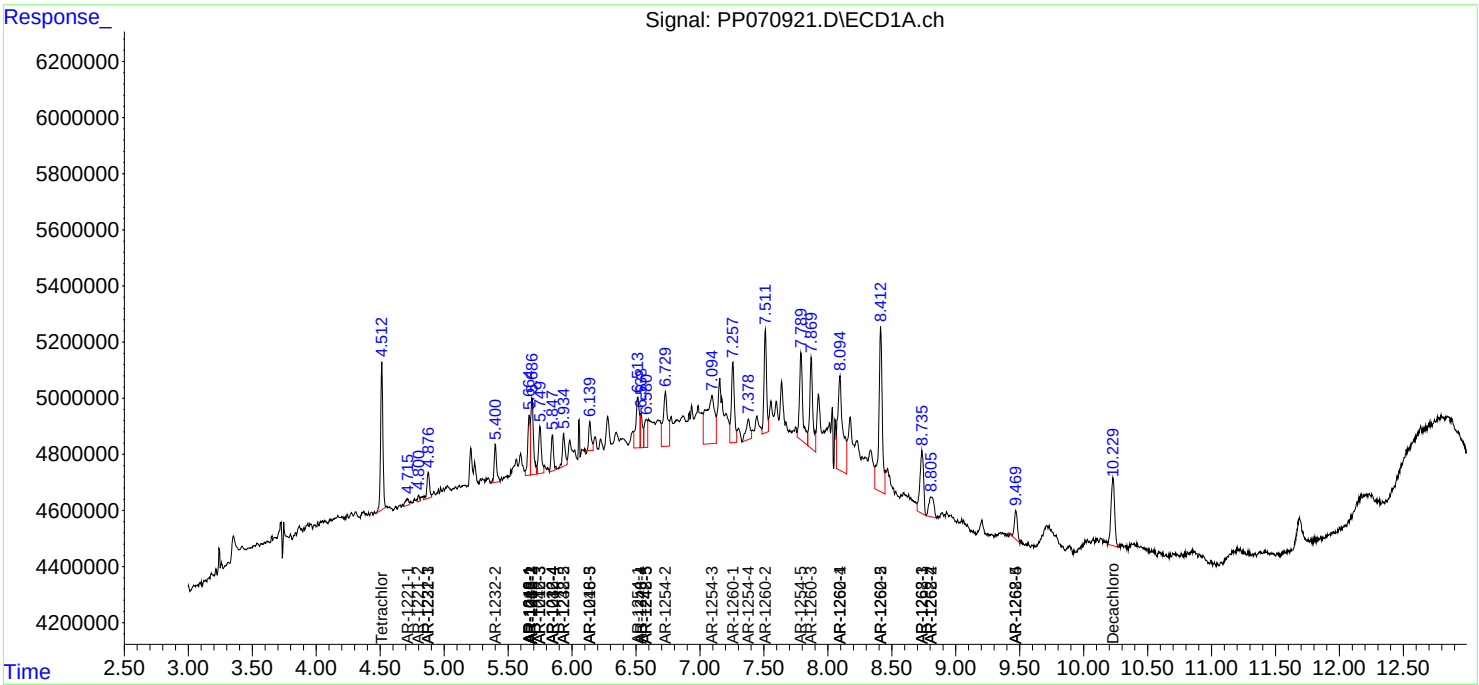
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

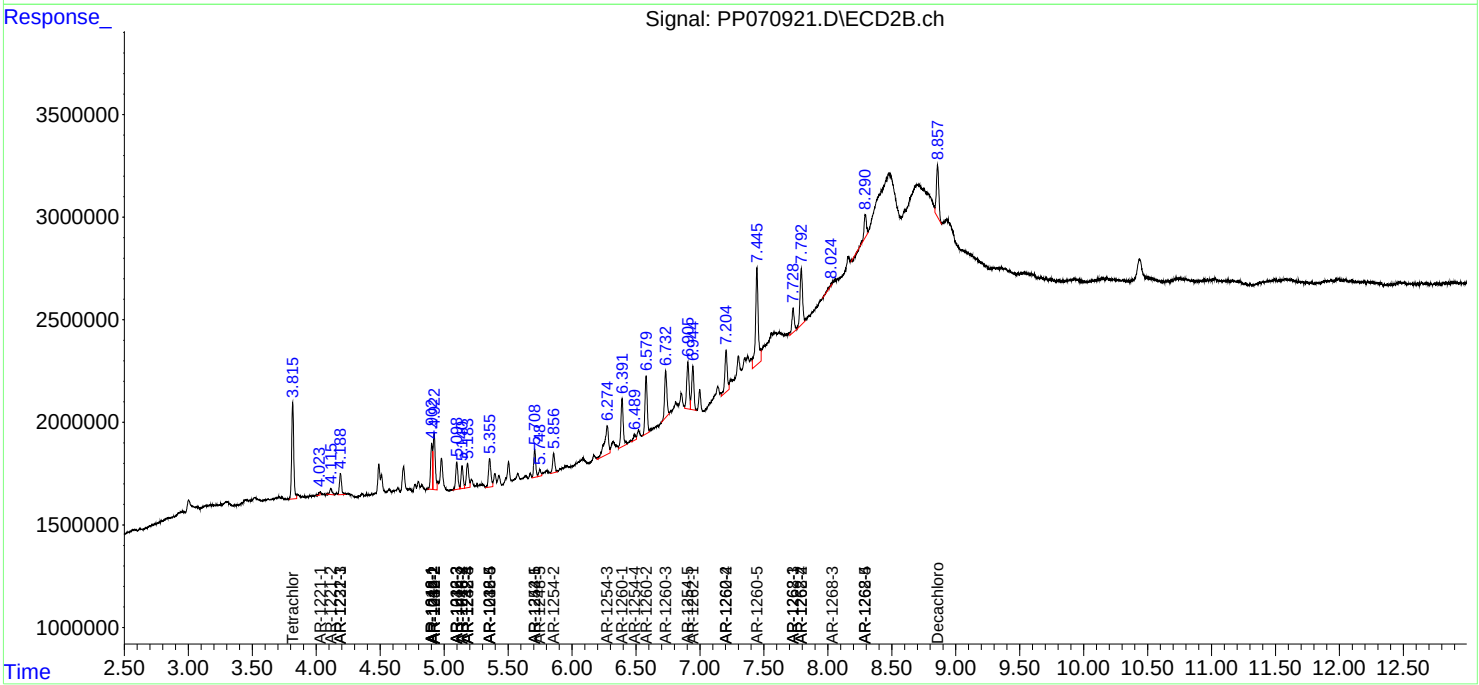
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070921.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 11:35
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

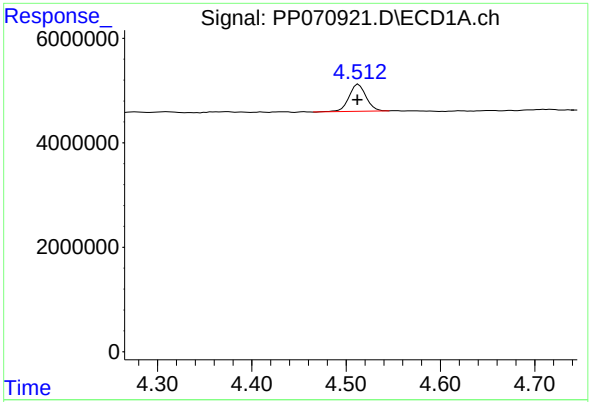
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 31 03:04:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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



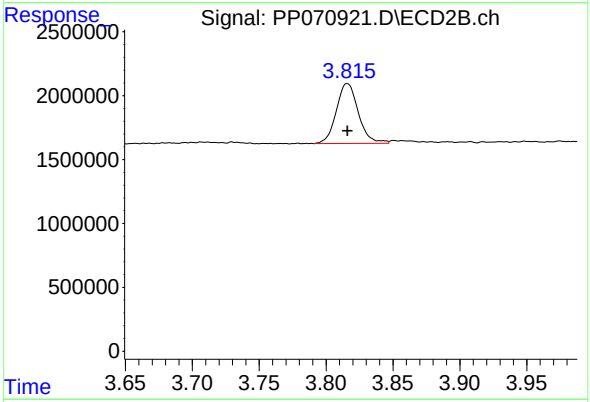




#1 Tetrachloro-m-xylene

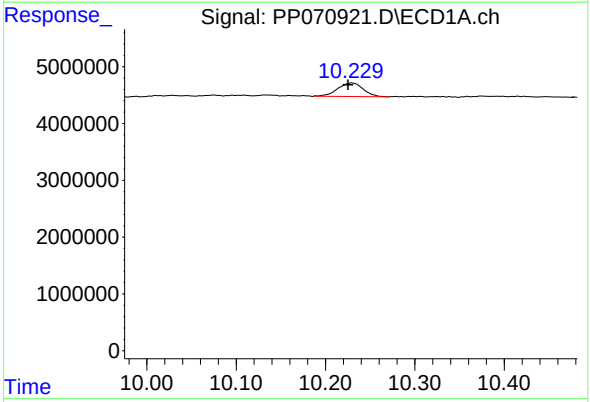
R.T.: 4.513 min
Delta R.T.: 0.001 min
Response: 6533335
Conc: 4.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



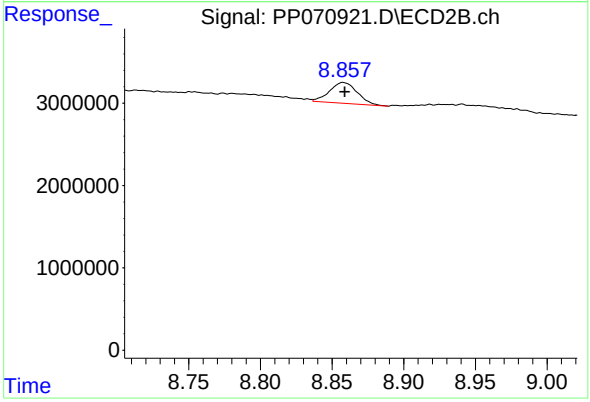
#1 Tetrachloro-m-xylene

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 5359624
Conc: 5.17 ng/ml



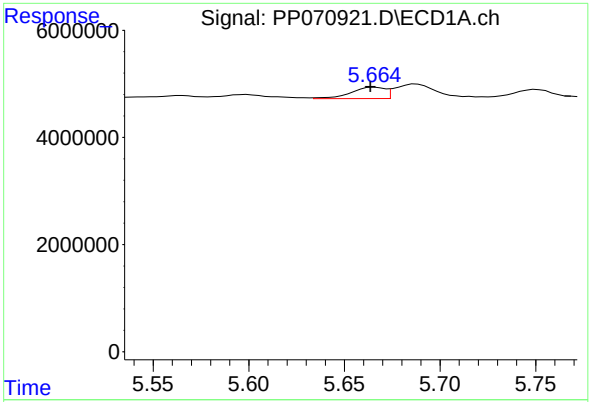
#2 Decachlorobiphenyl

R.T.: 10.230 min
Delta R.T.: 0.005 min
Response: 4733739
Conc: 4.50 ng/ml



#2 Decachlorobiphenyl

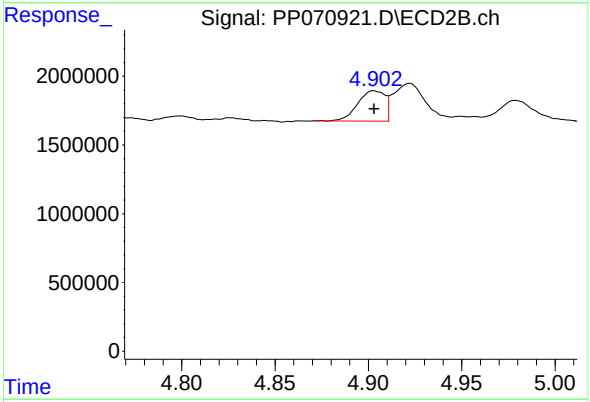
R.T.: 8.858 min
Delta R.T.: 0.000 min
Response: 3413055
Conc: 4.33 ng/ml



#3 AR-1016-1

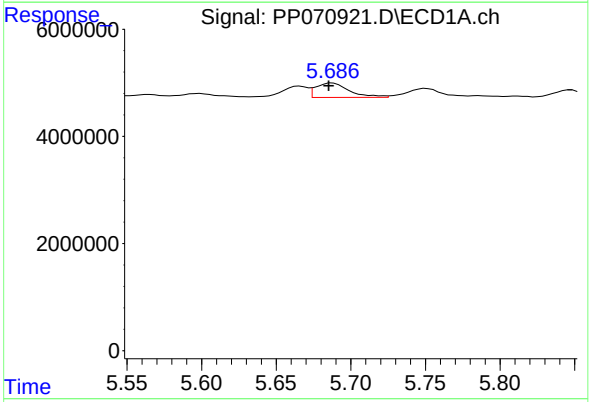
R.T.: 5.666 min
Delta R.T.: 0.002 min
Response: 2617394
Conc: 51.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



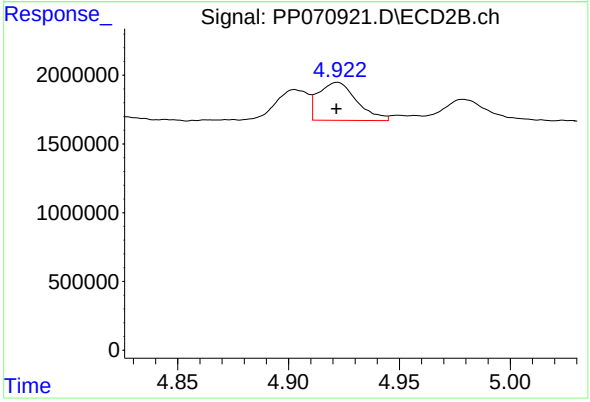
#3 AR-1016-1

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 2265971
Conc: 56.52 ng/ml



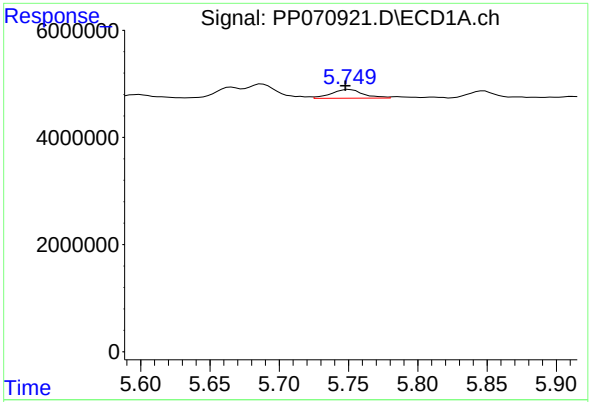
#4 AR-1016-2

R.T.: 5.688 min
Delta R.T.: 0.002 min
Response: 4198554
Conc: 53.79 ng/ml



#4 AR-1016-2

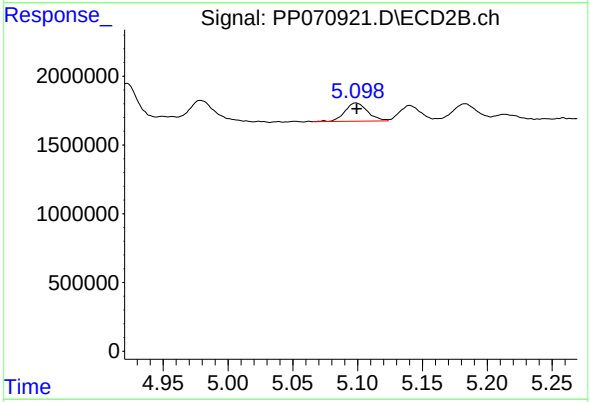
R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 3321854
Conc: 57.41 ng/ml



#5 AR-1016-3

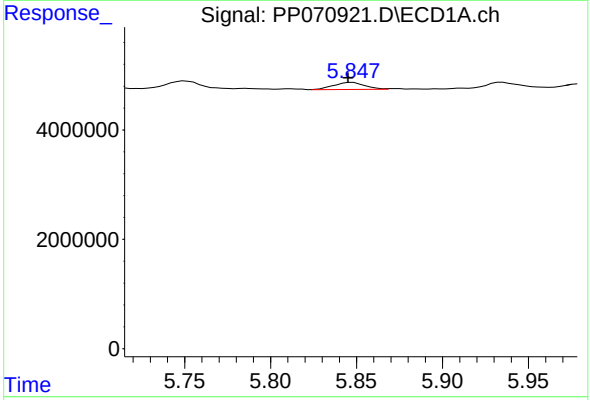
R.T.: 5.751 min
Delta R.T.: 0.003 min
Response: 2631097
Conc: 55.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



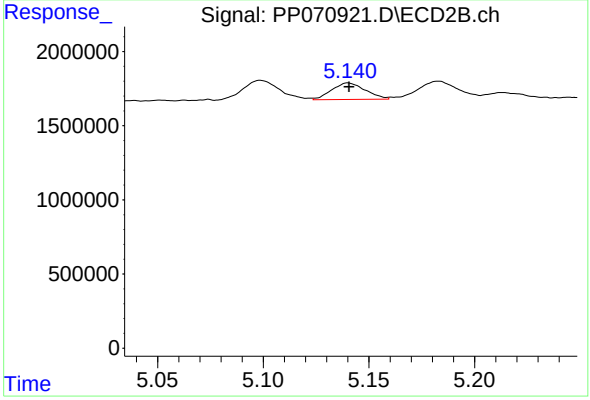
#5 AR-1016-3

R.T.: 5.099 min
Delta R.T.: 0.000 min
Response: 1626306
Conc: 52.59 ng/ml



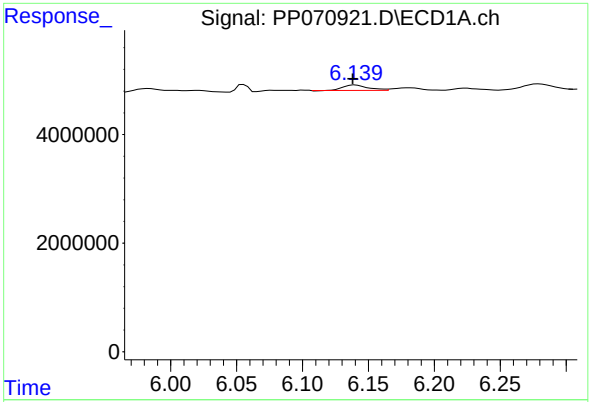
#6 AR-1016-4

R.T.: 5.848 min
Delta R.T.: 0.003 min
Response: 1614372
Conc: 43.92 ng/ml



#6 AR-1016-4

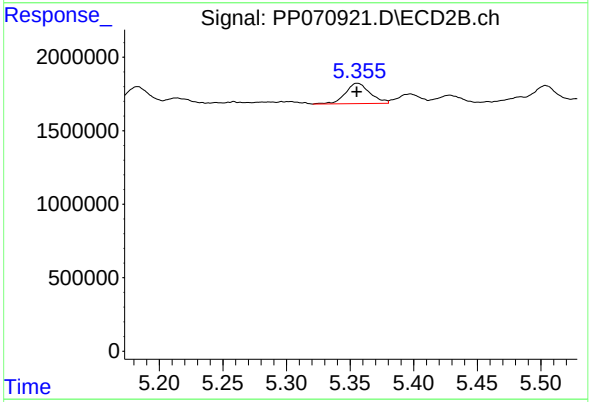
R.T.: 5.140 min
Delta R.T.: 0.000 min
Response: 1232754
Conc: 50.61 ng/ml



#7 AR-1016-5

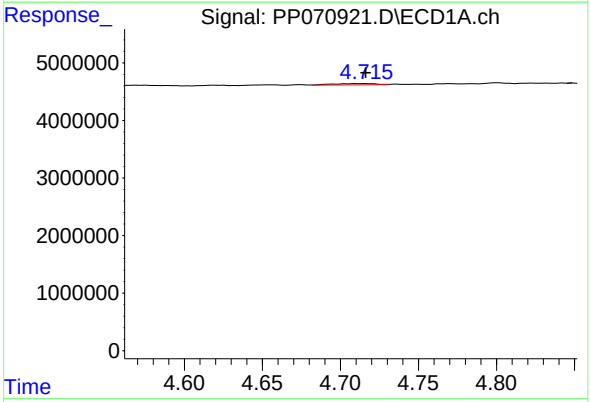
R.T.: 6.140 min
Delta R.T.: 0.002 min
Response: 1323106
Conc: 39.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



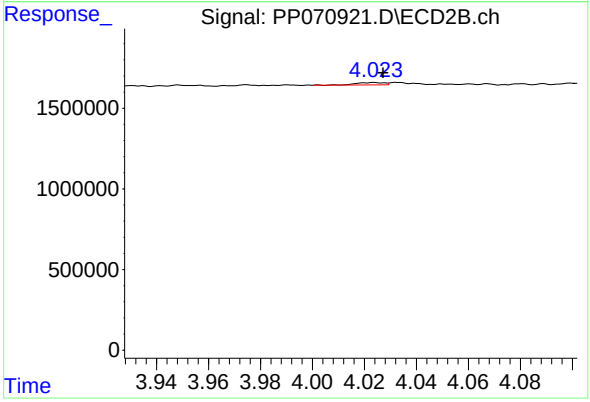
#7 AR-1016-5

R.T.: 5.356 min
Delta R.T.: 0.000 min
Response: 1866333
Conc: 57.74 ng/ml



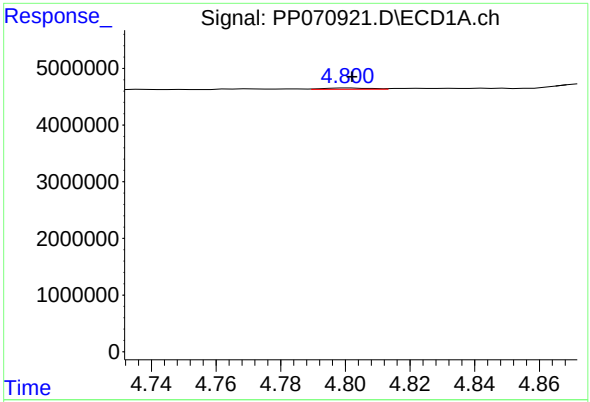
#8 AR-1221-1

R.T.: 4.717 min
Delta R.T.: 0.000 min
Response: 421830
Conc: 24.31 ng/ml



#8 AR-1221-1

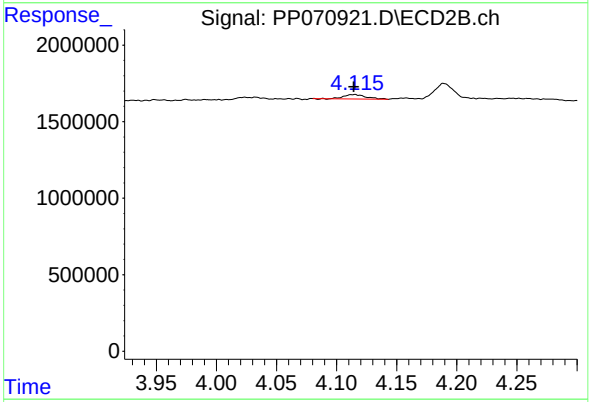
R.T.: 4.024 min
Delta R.T.: -0.004 min
Response: 114713
Conc: 7.53 ng/ml



#9 AR-1221-2

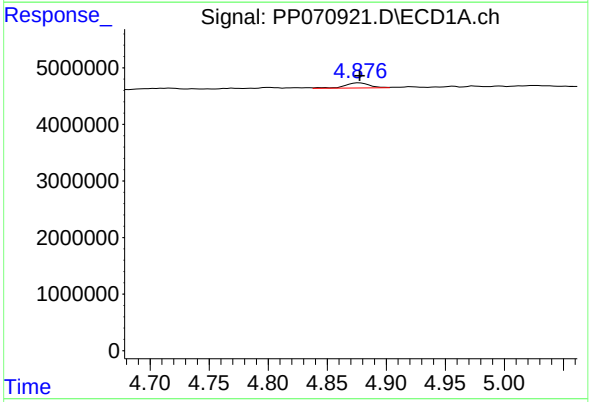
R.T.: 4.801 min
Delta R.T.: -0.001 min
Response: 218742
Conc: 16.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



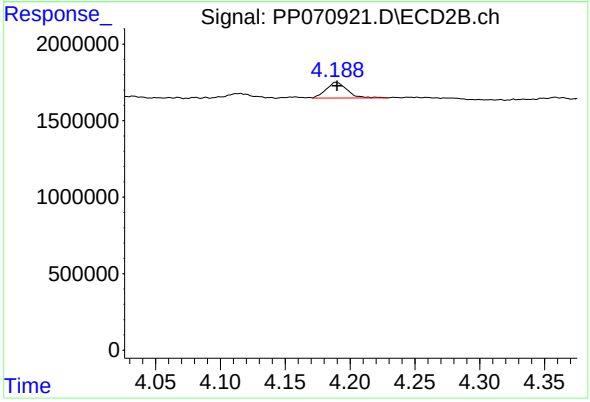
#9 AR-1221-2

R.T.: 4.115 min
Delta R.T.: 0.000 min
Response: 388578
Conc: 33.98 ng/ml



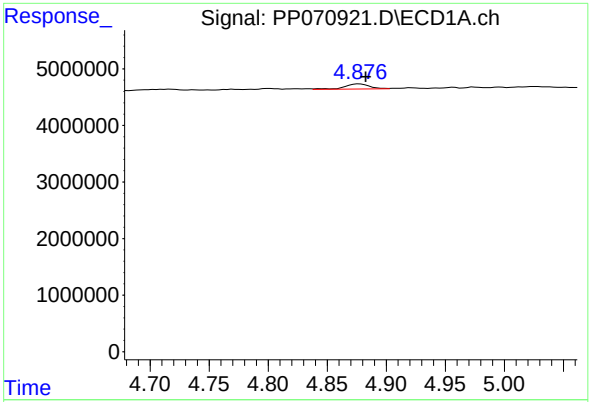
#10 AR-1221-3

R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 1349629
Conc: 32.35 ng/ml



#10 AR-1221-3

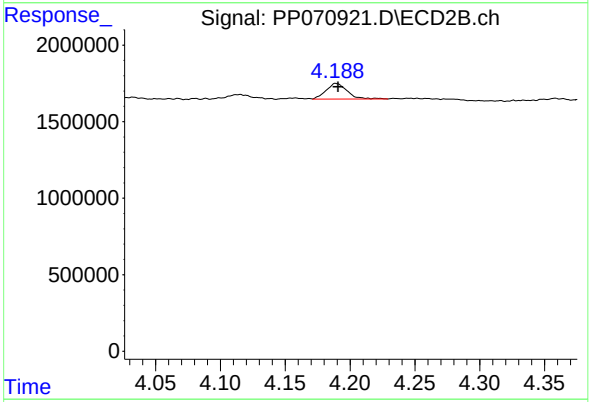
R.T.: 4.189 min
Delta R.T.: 0.000 min
Response: 1162778
Conc: 34.11 ng/ml



#11 AR-1232-1

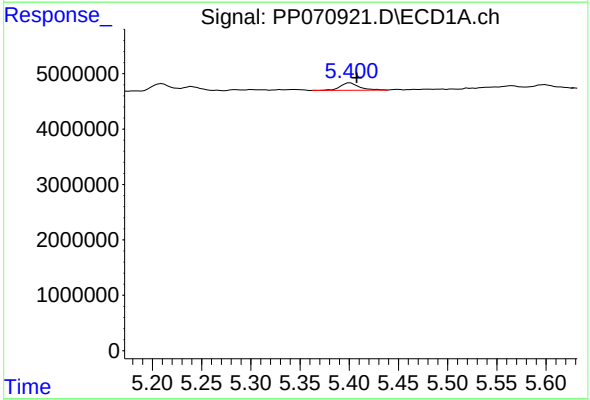
R.T.: 4.877 min
Delta R.T.: -0.005 min
Response: 1349629
Conc: 40.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



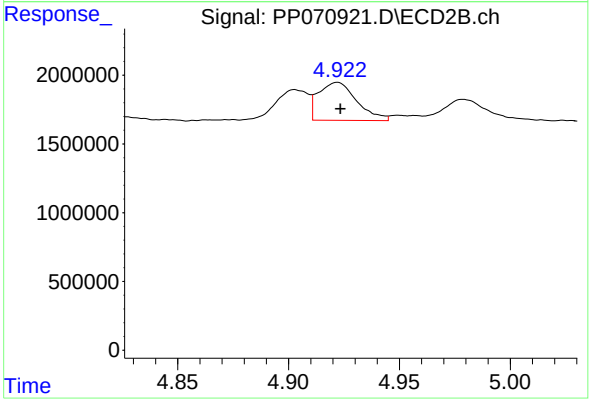
#11 AR-1232-1

R.T.: 4.189 min
Delta R.T.: -0.001 min
Response: 1162778
Conc: 41.55 ng/ml



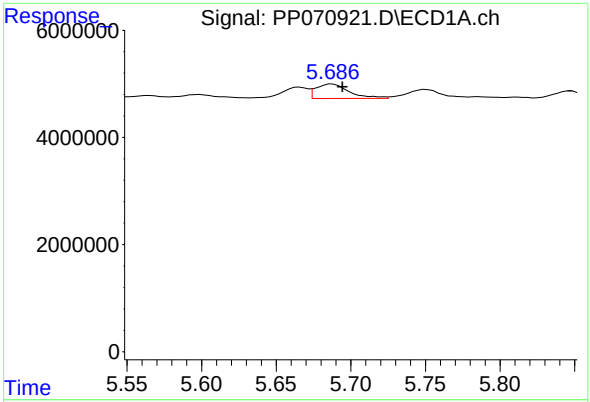
#12 AR-1232-2

R.T.: 5.401 min
Delta R.T.: -0.007 min
Response: 1794886
Conc: 112.81 ng/ml



#12 AR-1232-2

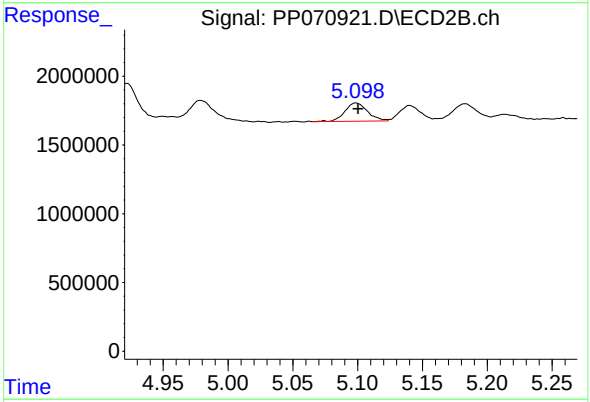
R.T.: 4.922 min
Delta R.T.: -0.001 min
Response: 3321854
Conc: 118.38 ng/ml



#13 AR-1232-3

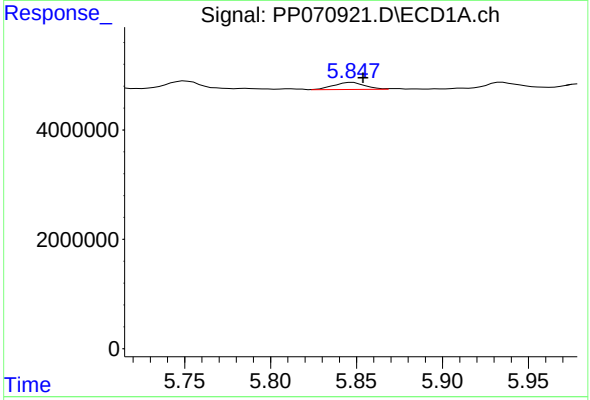
R.T.: 5.688 min
Delta R.T.: -0.007 min
Response: 4198554
Conc: 122.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



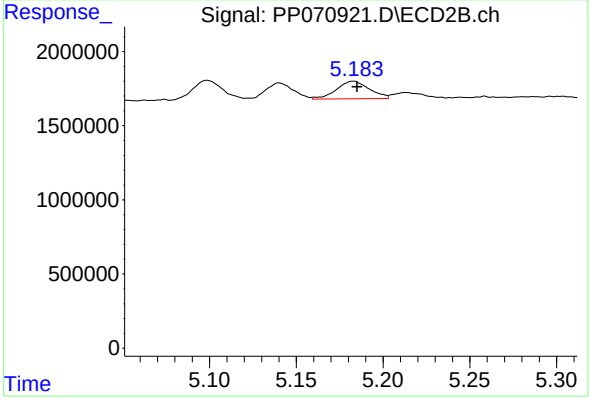
#13 AR-1232-3

R.T.: 5.099 min
Delta R.T.: -0.002 min
Response: 1626306
Conc: 109.22 ng/ml



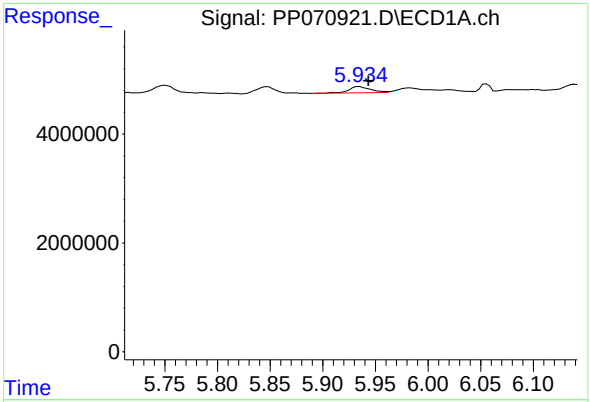
#14 AR-1232-4

R.T.: 5.848 min
Delta R.T.: -0.006 min
Response: 1614372
Conc: 102.78 ng/ml



#14 AR-1232-4

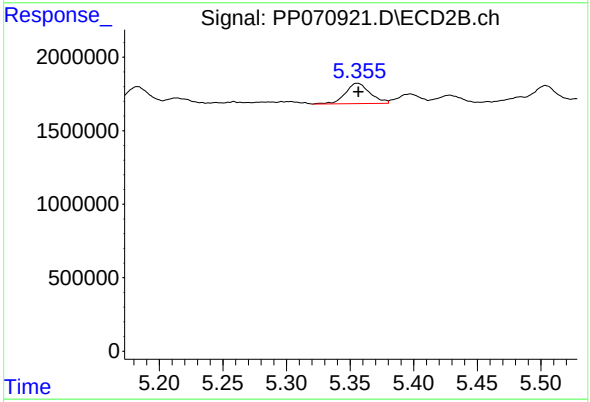
R.T.: 5.183 min
Delta R.T.: -0.002 min
Response: 1568895
Conc: 122.53 ng/ml



#15 AR-1232-5

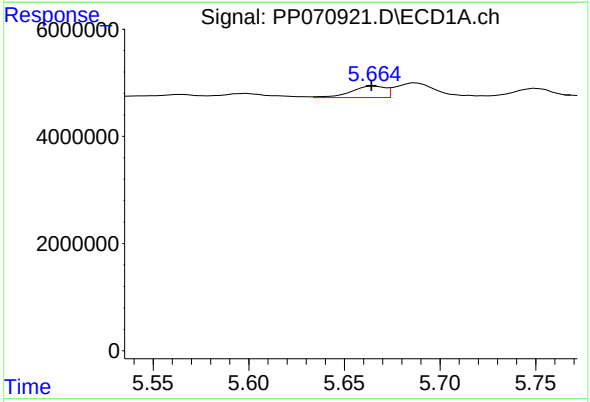
R.T.: 5.935 min
Delta R.T.: -0.009 min
Response: 1663453
Conc: 156.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



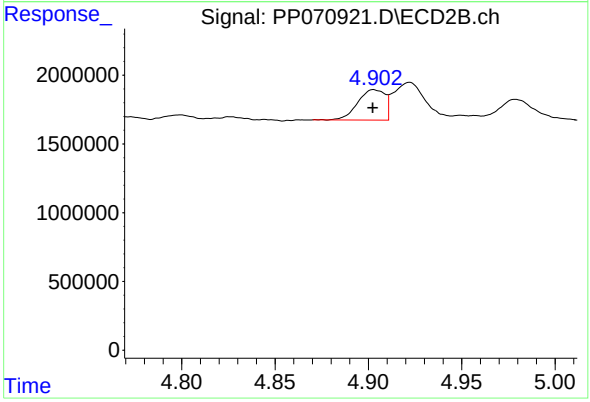
#15 AR-1232-5

R.T.: 5.356 min
Delta R.T.: 0.000 min
Response: 1866333
Conc: 131.67 ng/ml



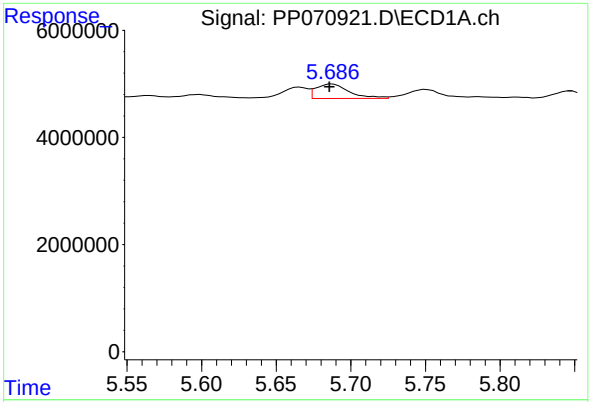
#16 AR-1242-1

R.T.: 5.666 min
Delta R.T.: 0.002 min
Response: 2617394
Conc: 59.52 ng/ml



#16 AR-1242-1

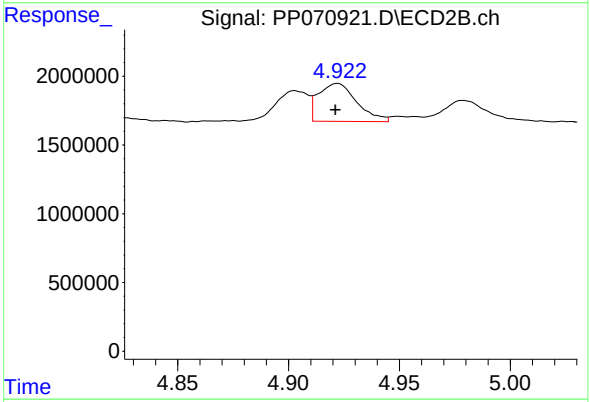
R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 2265971
Conc: 66.26 ng/ml



#17 AR-1242-2

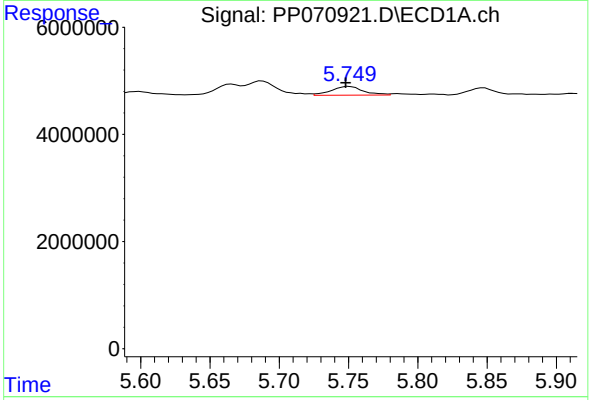
R.T.: 5.688 min
Delta R.T.: 0.002 min
Response: 4198554
Conc: 65.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



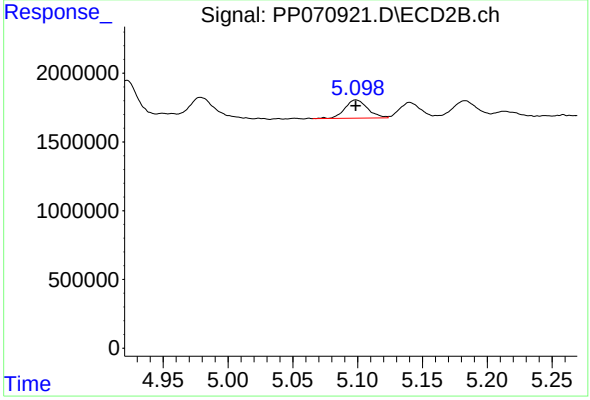
#17 AR-1242-2

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 3321854
Conc: 67.44 ng/ml



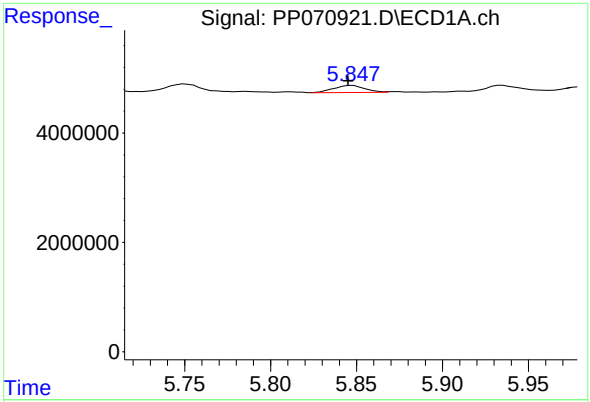
#18 AR-1242-3

R.T.: 5.751 min
Delta R.T.: 0.003 min
Response: 2631097
Conc: 64.11 ng/ml



#18 AR-1242-3

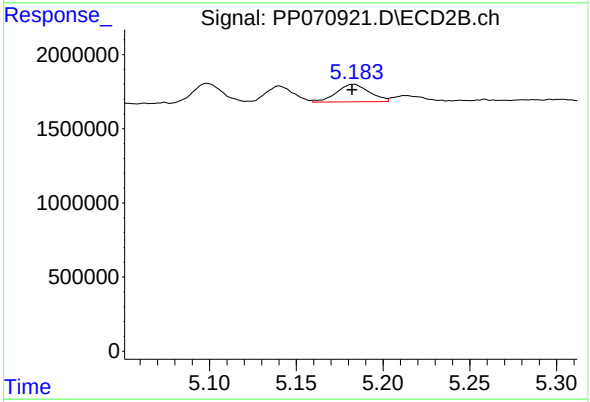
R.T.: 5.099 min
Delta R.T.: 0.000 min
Response: 1626306
Conc: 61.04 ng/ml



#19 AR-1242-4

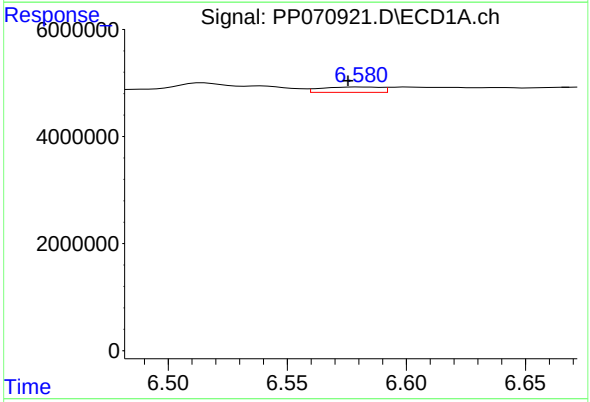
R.T.: 5.848 min
Delta R.T.: 0.003 min
Response: 1614372
Conc: 52.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



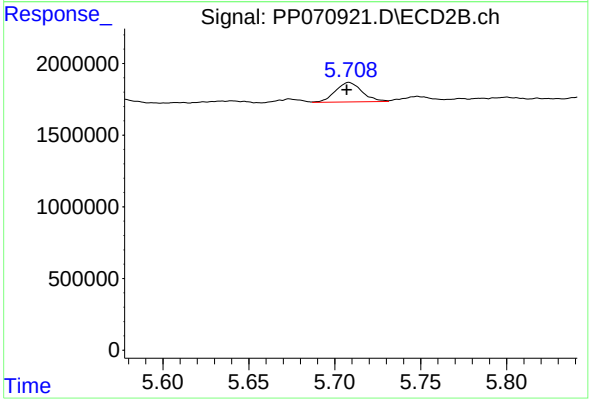
#19 AR-1242-4

R.T.: 5.183 min
Delta R.T.: 0.000 min
Response: 1568895
Conc: 59.48 ng/ml



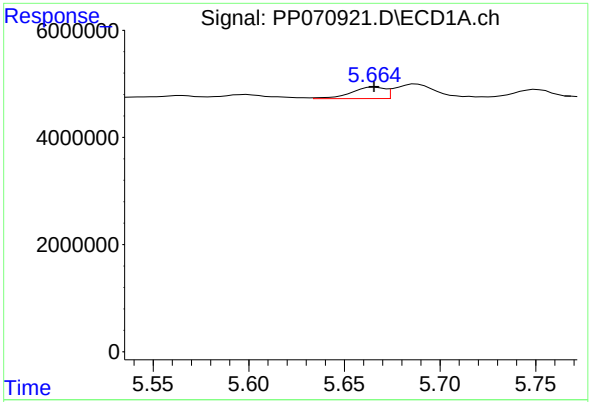
#20 AR-1242-5

R.T.: 6.582 min
Delta R.T.: 0.006 min
Response: 1738801
Conc: 47.62 ng/ml



#20 AR-1242-5

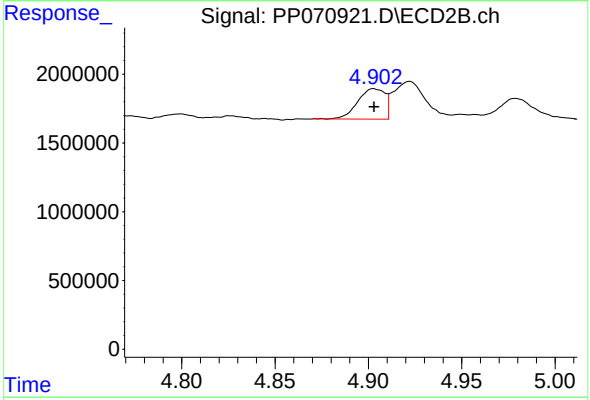
R.T.: 5.708 min
Delta R.T.: 0.001 min
Response: 1466013
Conc: 47.35 ng/ml



#21 AR-1248-1

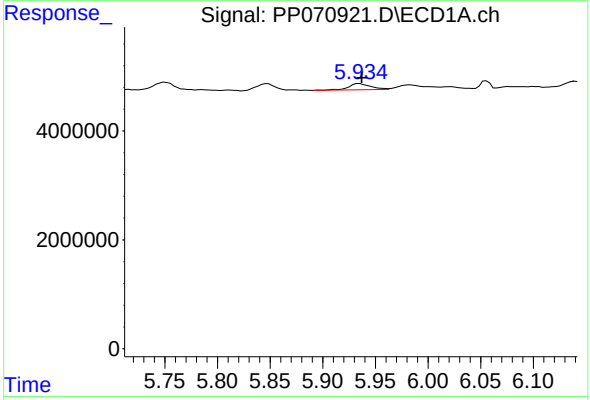
R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 2617394
Conc: 72.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



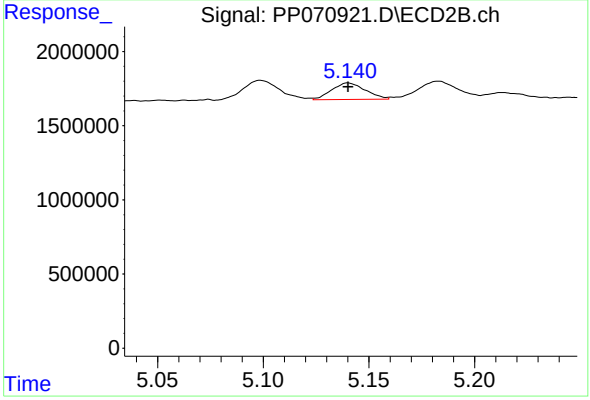
#21 AR-1248-1

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 2265971
Conc: 83.68 ng/ml



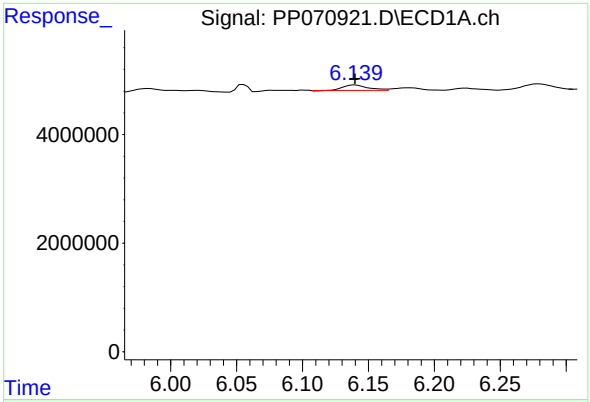
#22 AR-1248-2

R.T.: 5.935 min
Delta R.T.: -0.002 min
Response: 1663453
Conc: 37.02 ng/ml



#22 AR-1248-2

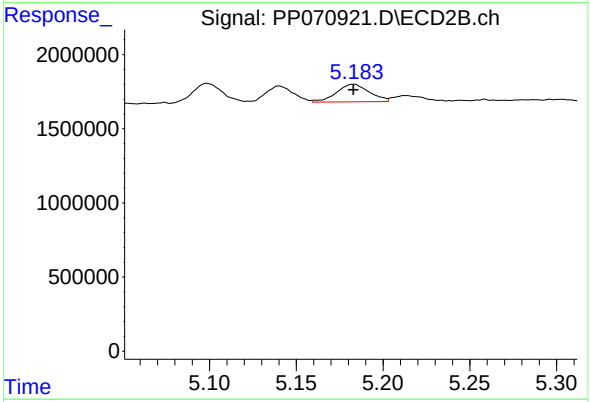
R.T.: 5.140 min
Delta R.T.: 0.000 min
Response: 1232754
Conc: 33.57 ng/ml



#23 AR-1248-3

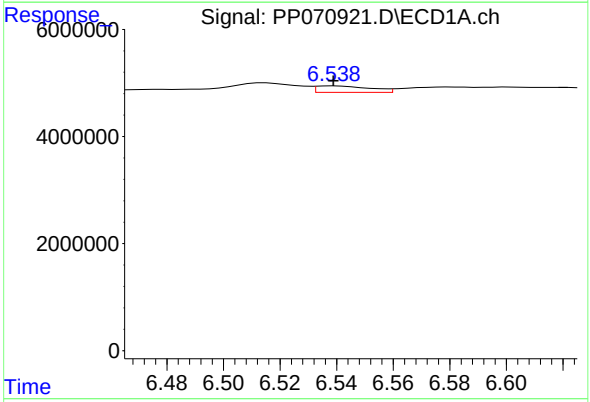
R.T.: 6.140 min
Delta R.T.: 0.000 min
Response: 1323106
Conc: 26.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



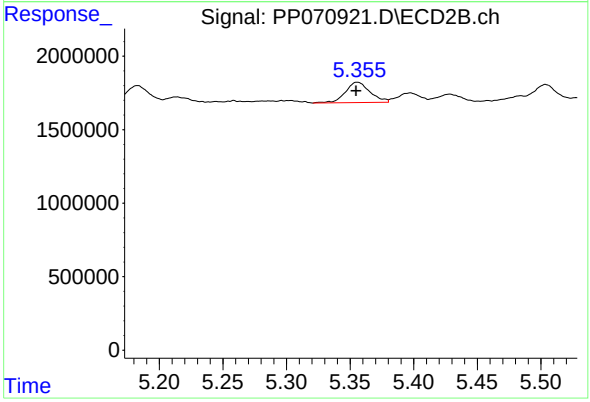
#23 AR-1248-3

R.T.: 5.183 min
Delta R.T.: 0.000 min
Response: 1568895
Conc: 40.58 ng/ml



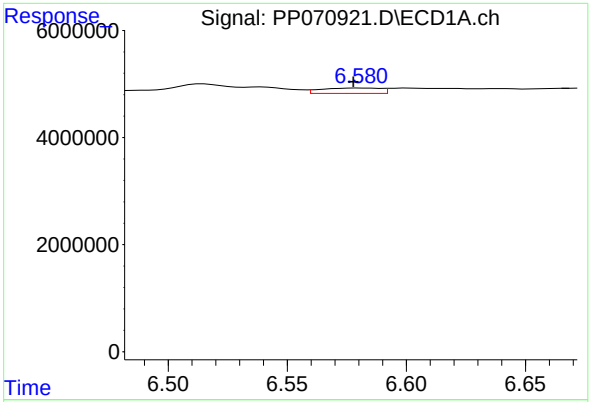
#24 AR-1248-4

R.T.: 6.539 min
Delta R.T.: 0.000 min
Response: 1621071
Conc: 25.27 ng/ml



#24 AR-1248-4

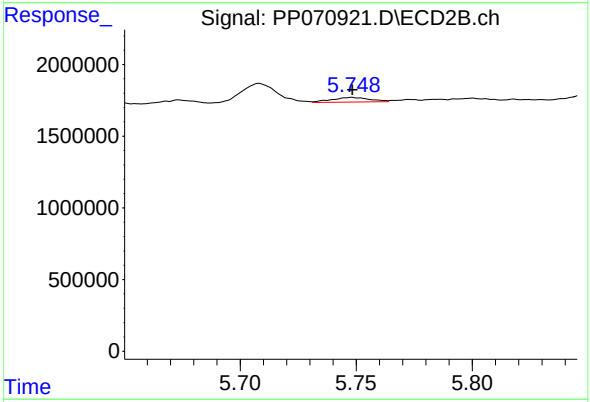
R.T.: 5.356 min
Delta R.T.: 0.001 min
Response: 1866333
Conc: 41.34 ng/ml



#25 AR-1248-5

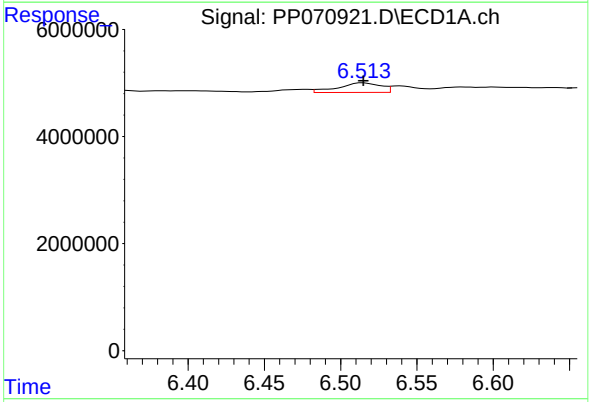
R.T.: 6.582 min
Delta R.T.: 0.004 min
Response: 1738801
Conc: 28.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



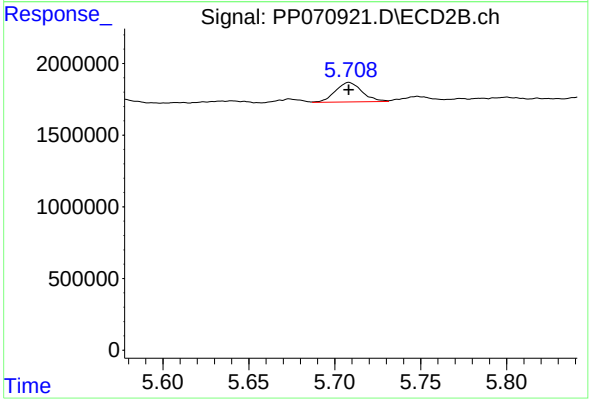
#25 AR-1248-5

R.T.: 5.748 min
Delta R.T.: 0.000 min
Response: 371096
Conc: 8.70 ng/ml



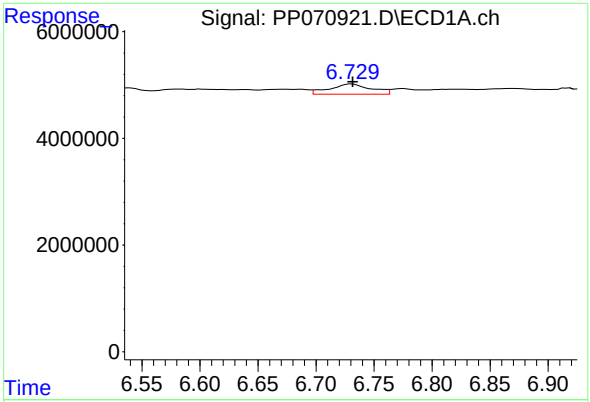
#26 AR-1254-1

R.T.: 6.515 min
Delta R.T.: 0.000 min
Response: 3489366
Conc: 54.19 ng/ml



#26 AR-1254-1

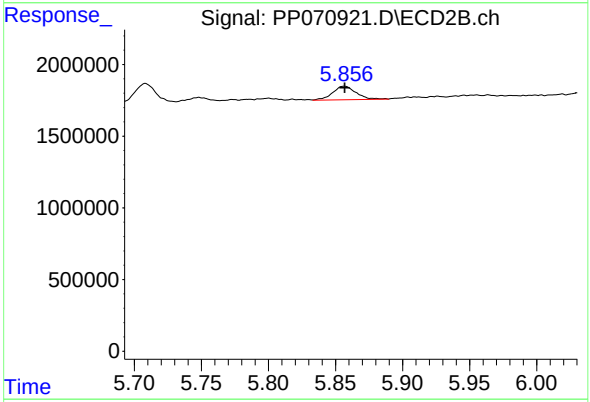
R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 1466013
Conc: 22.21 ng/ml



#27 AR-1254-2

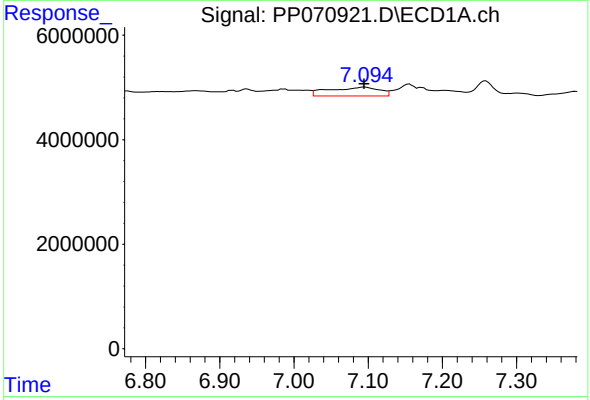
R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 4772204
Conc: 47.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



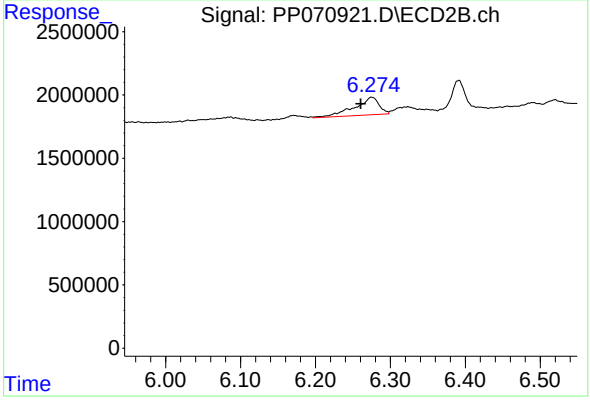
#27 AR-1254-2

R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 1146779
Conc: 20.08 ng/ml



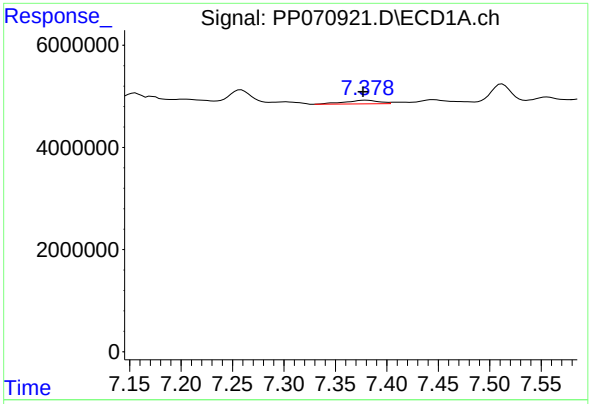
#28 AR-1254-3

R.T.: 7.095 min
Delta R.T.: 0.000 min
Response: 7925059
Conc: 79.47 ng/ml



#28 AR-1254-3

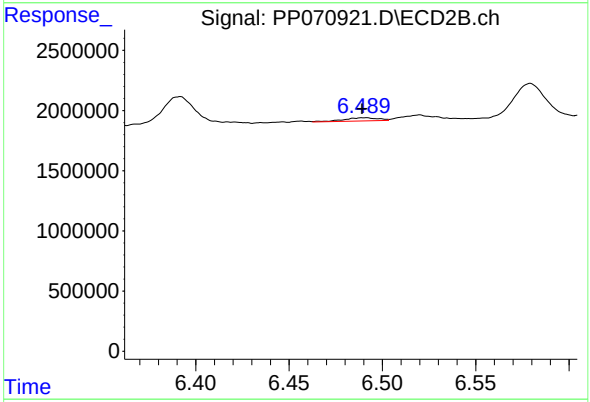
R.T.: 6.275 min
Delta R.T.: 0.015 min
Response: 3163207
Conc: 36.43 ng/ml



#29 AR-1254-4

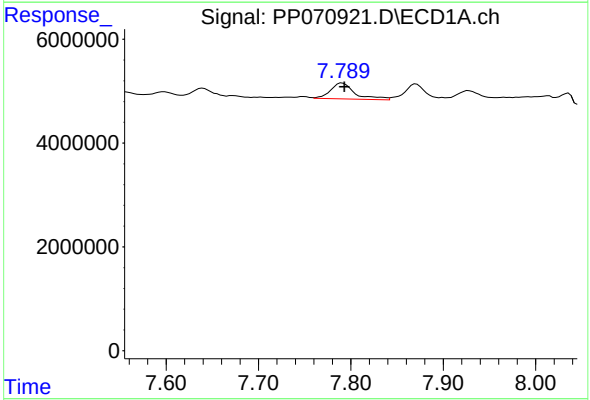
R.T.: 7.380 min
Delta R.T.: 0.003 min
Response: 1640237
Conc: 18.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



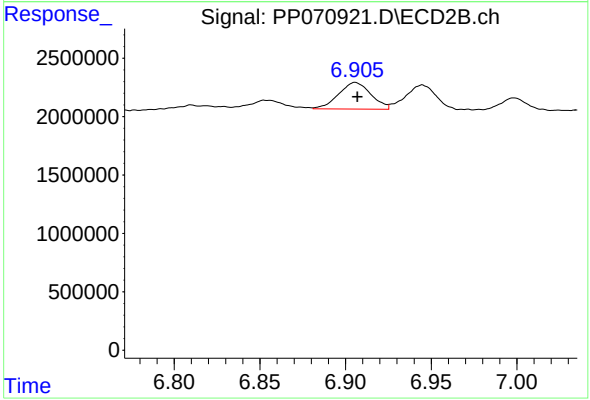
#29 AR-1254-4

R.T.: 6.490 min
Delta R.T.: 0.001 min
Response: 349900
Conc: 6.24 ng/ml



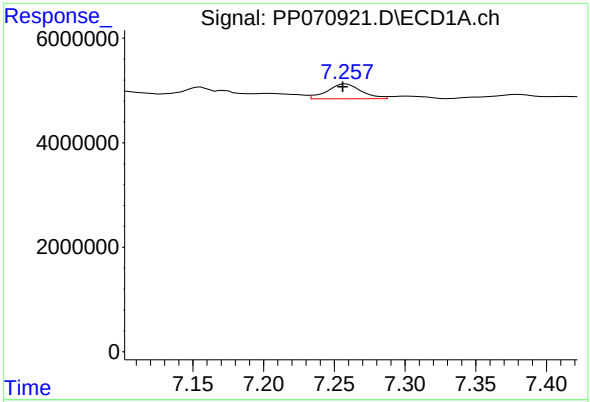
#30 AR-1254-5

R.T.: 7.791 min
Delta R.T.: -0.002 min
Response: 5692306
Conc: 70.84 ng/ml



#30 AR-1254-5

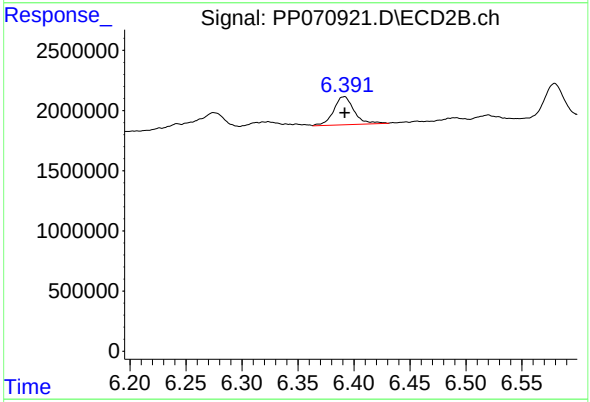
R.T.: 6.906 min
Delta R.T.: -0.001 min
Response: 2994420
Conc: 41.50 ng/ml



#31 AR-1260-1

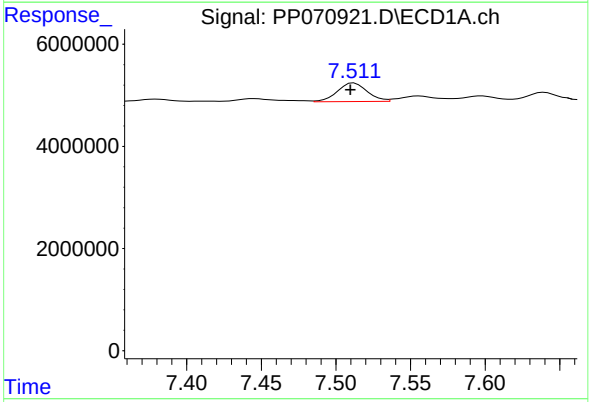
R.T.: 7.258 min
Delta R.T.: 0.003 min
Response: 4772844
Conc: 71.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



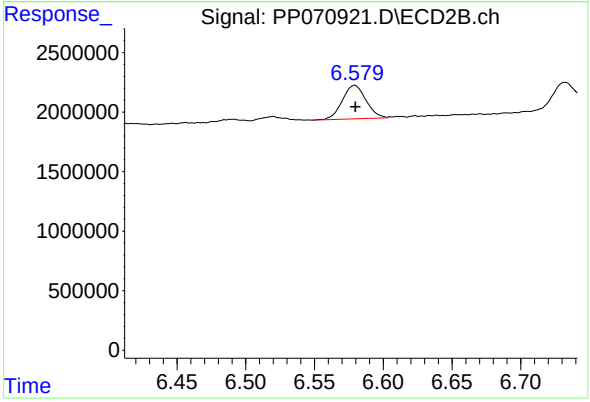
#31 AR-1260-1

R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 2989801
Conc: 58.39 ng/ml



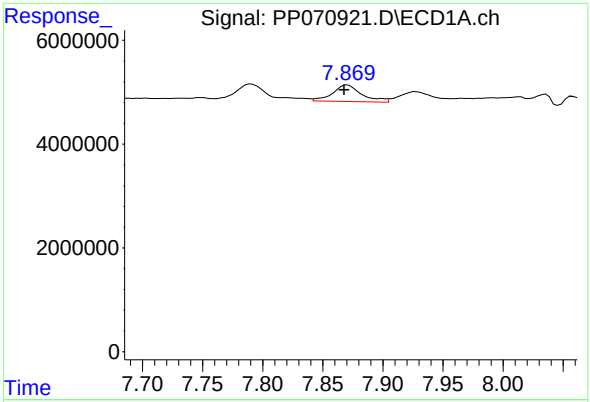
#32 AR-1260-2

R.T.: 7.512 min
Delta R.T.: 0.002 min
Response: 5123964
Conc: 53.30 ng/ml



#32 AR-1260-2

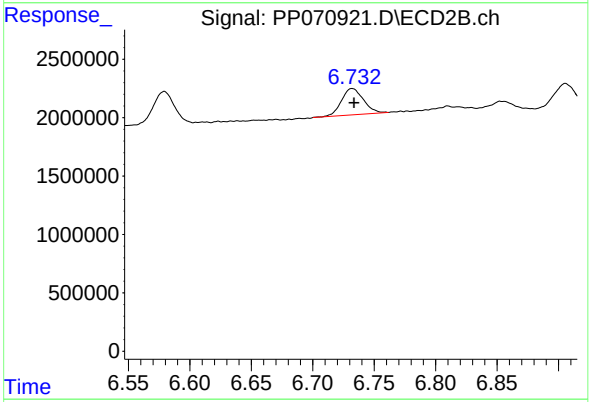
R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 3357287
Conc: 52.63 ng/ml



#33 AR-1260-3

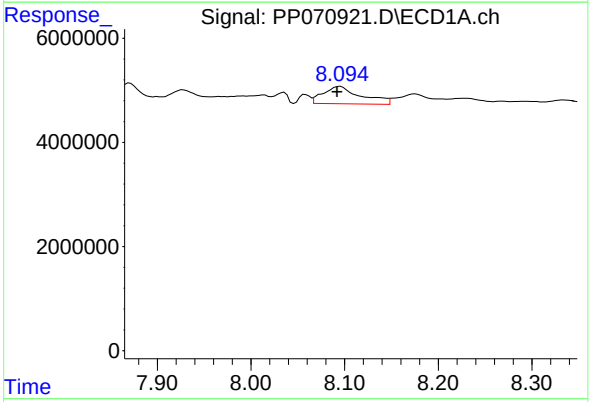
R.T.: 7.871 min
Delta R.T.: 0.003 min
Response: 5463057
Conc: 68.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



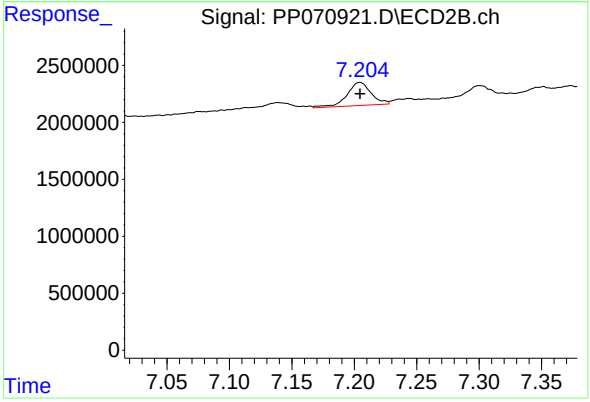
#33 AR-1260-3

R.T.: 6.732 min
Delta R.T.: -0.001 min
Response: 2827385
Conc: 51.89 ng/ml



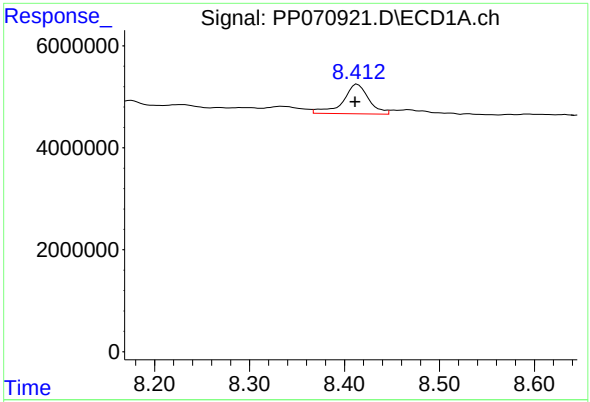
#34 AR-1260-4

R.T.: 8.095 min
Delta R.T.: 0.004 min
Response: 9380427
Conc: 119.14 ng/ml



#34 AR-1260-4

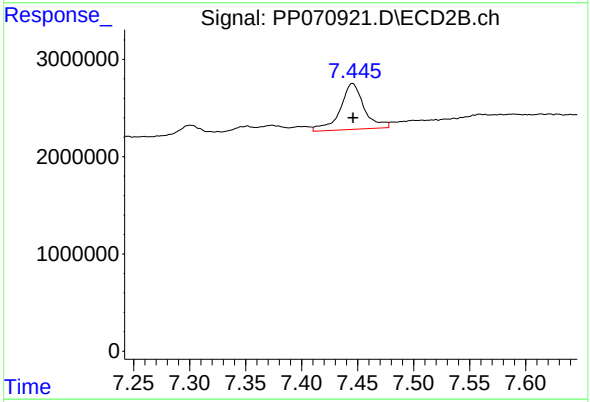
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 2746307
Conc: 57.42 ng/ml



#35 AR-1260-5

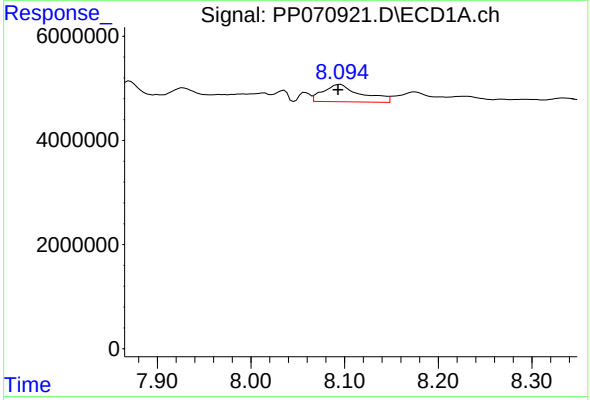
R.T.: 8.414 min
Delta R.T.: 0.002 min
Response: 11051960
Conc: 69.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



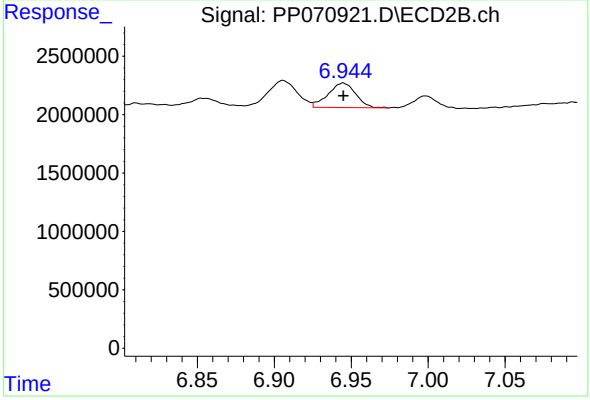
#35 AR-1260-5

R.T.: 7.445 min
Delta R.T.: 0.000 min
Response: 7013440
Conc: 56.33 ng/ml



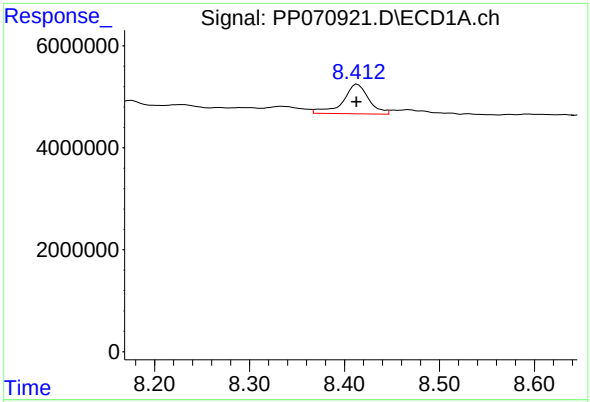
#36 AR-1262-1

R.T.: 8.095 min
Delta R.T.: 0.003 min
Response: 9380427
Conc: 88.24 ng/ml



#36 AR-1262-1

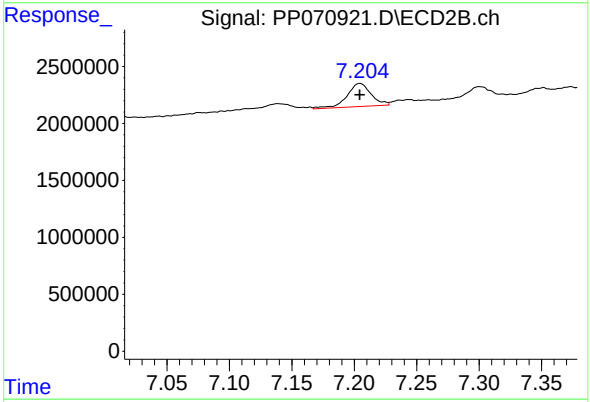
R.T.: 6.945 min
Delta R.T.: 0.000 min
Response: 2613596
Conc: 30.55 ng/ml



#37 AR-1262-2

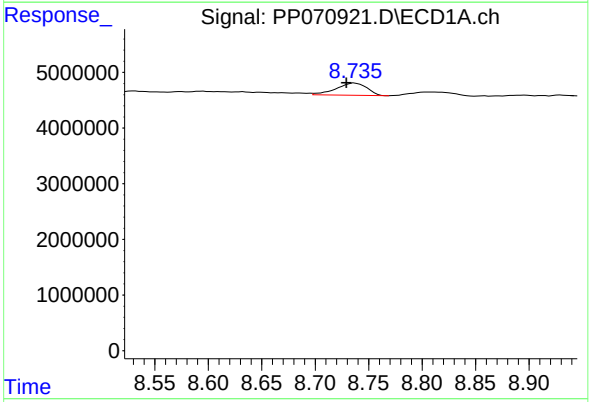
R.T.: 8.414 min
Delta R.T.: 0.001 min
Response: 11051960
Conc: 55.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



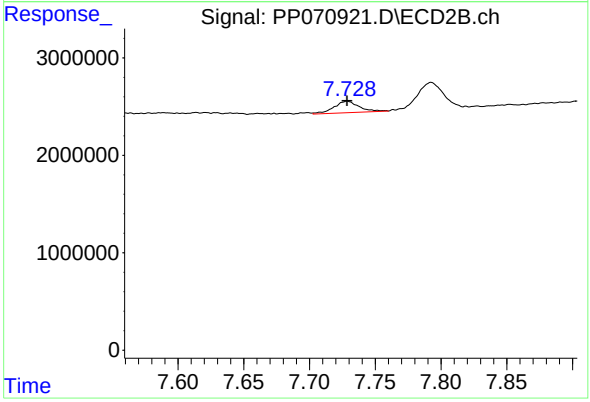
#37 AR-1262-2

R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 2746307
Conc: 40.11 ng/ml



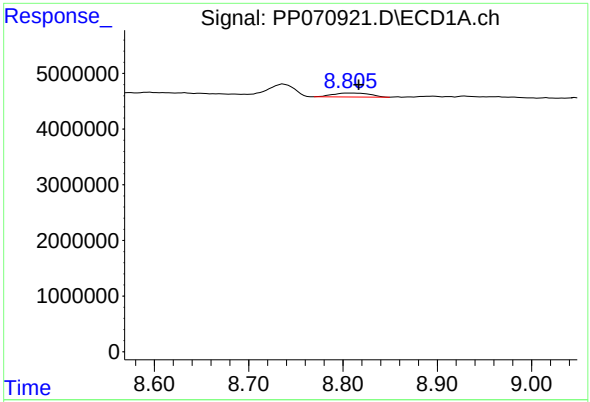
#38 AR-1262-3

R.T.: 8.737 min
Delta R.T.: 0.008 min
Response: 4423235
Conc: 33.58 ng/ml



#38 AR-1262-3

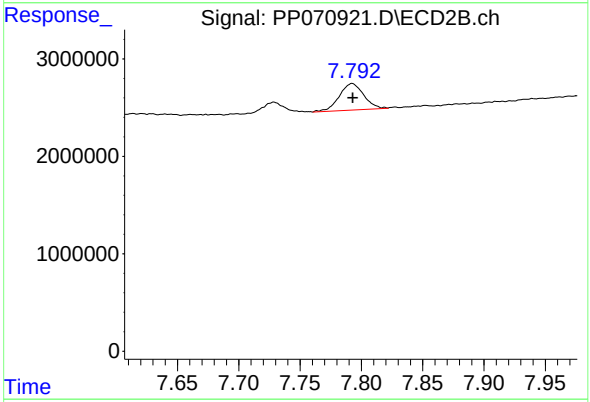
R.T.: 7.729 min
Delta R.T.: 0.000 min
Response: 1556480
Conc: 25.63 ng/ml



#39 AR-1262-4

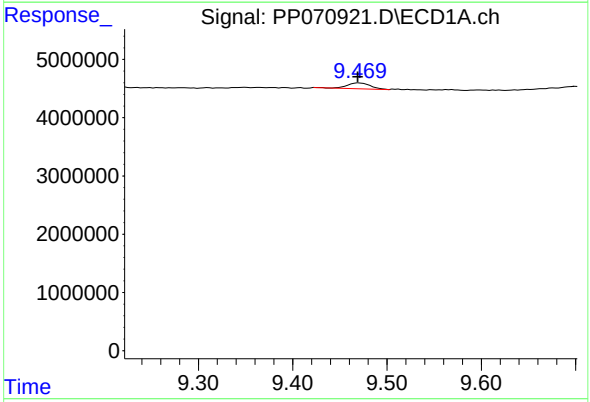
R.T.: 8.806 min
Delta R.T.: -0.011 min
Response: 1951193
Conc: 20.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



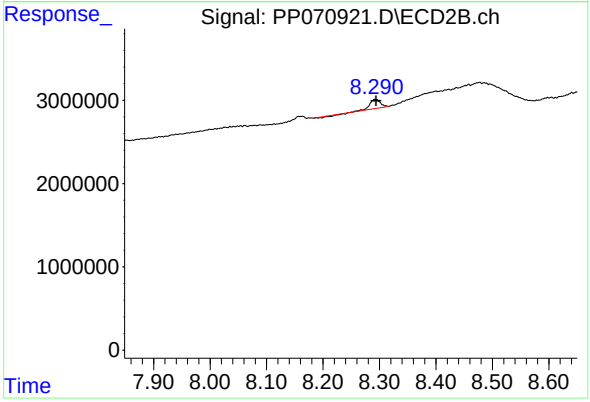
#39 AR-1262-4

R.T.: 7.792 min
Delta R.T.: 0.000 min
Response: 3771123
Conc: 37.94 ng/ml



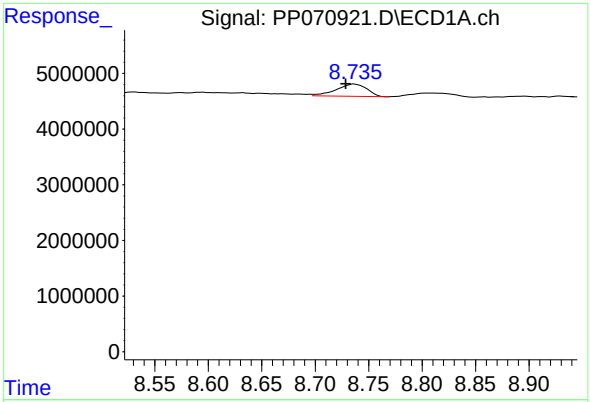
#40 AR-1262-5

R.T.: 9.470 min
Delta R.T.: 0.001 min
Response: 1729860
Conc: 26.59 ng/ml



#40 AR-1262-5

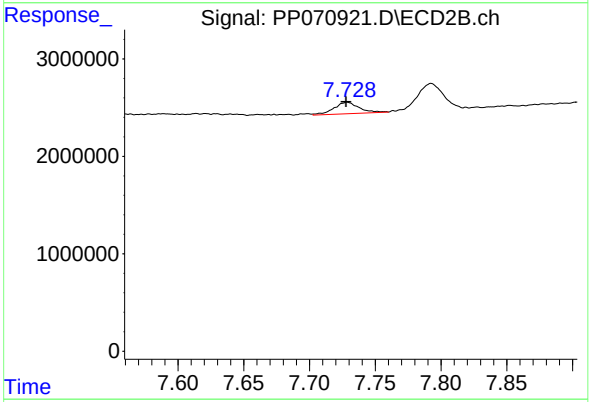
R.T.: 8.292 min
Delta R.T.: -0.002 min
Response: 1260427
Conc: 26.89 ng/ml



#41 AR-1268-1

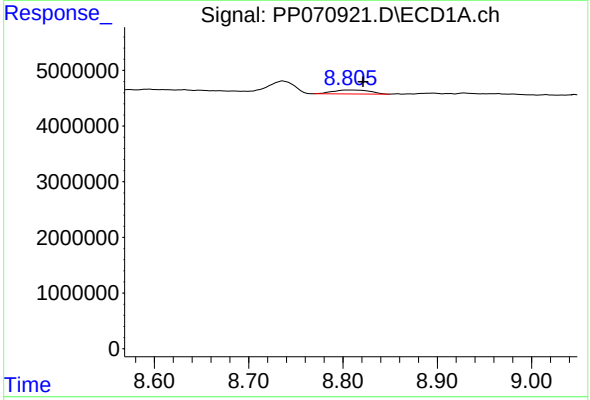
R.T.: 8.737 min
Delta R.T.: 0.008 min
Response: 4423235
Conc: 18.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



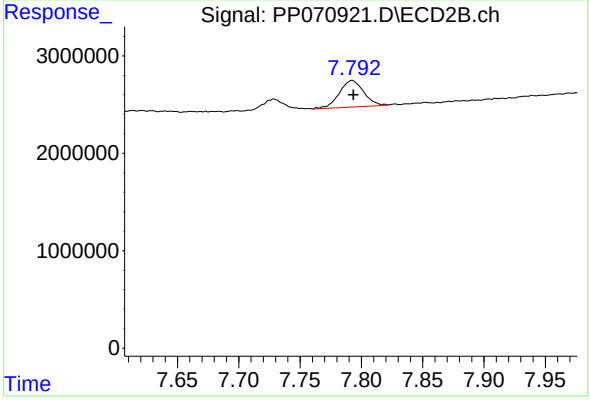
#41 AR-1268-1

R.T.: 7.729 min
Delta R.T.: 0.001 min
Response: 1556480
Conc: 9.08 ng/ml



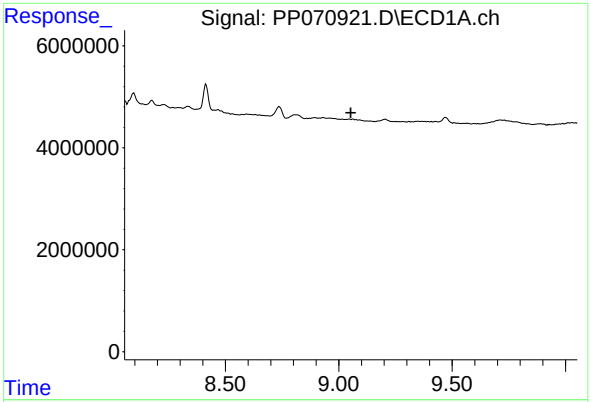
#42 AR-1268-2

R.T.: 8.806 min
Delta R.T.: -0.016 min
Response: 1951193
Conc: 9.99 ng/ml



#42 AR-1268-2

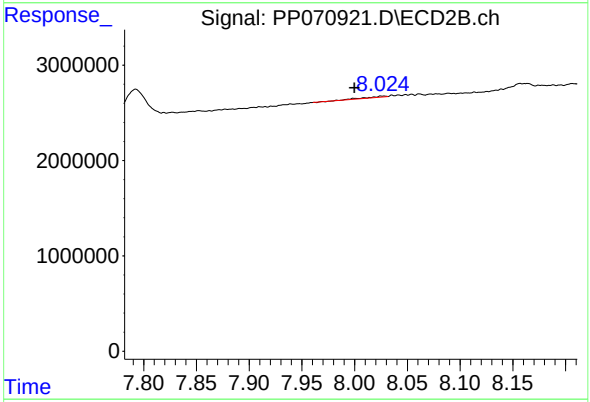
R.T.: 7.792 min
Delta R.T.: -0.001 min
Response: 3771123
Conc: 26.32 ng/ml



#43 AR-1268-3

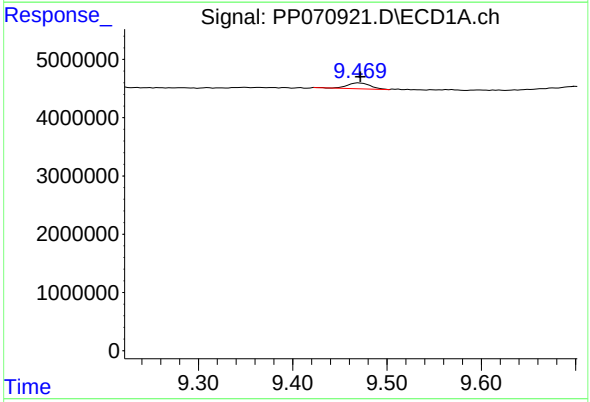
R.T.: 0.000 min
Exp R.T. : 9.053 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



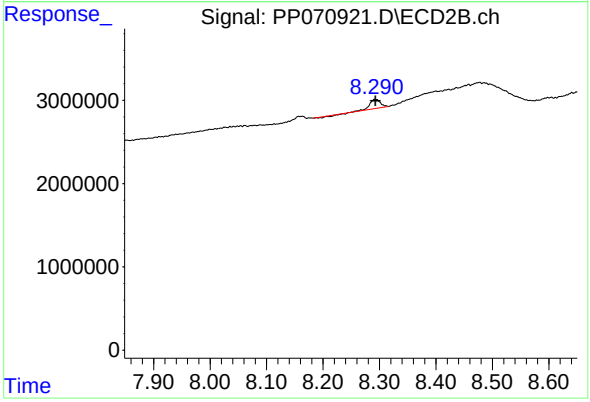
#43 AR-1268-3

R.T.: 8.026 min
Delta R.T.: 0.026 min
Response: 152620
Conc: 1.24 ng/ml



#44 AR-1268-4

R.T.: 9.470 min
Delta R.T.: -0.002 min
Response: 1729860
Conc: 24.45 ng/ml



#44 AR-1268-4

R.T.: 8.292 min
Delta R.T.: -0.001 min
Response: 1260427
Conc: 23.87 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070923.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 12:11
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: Mar 27 12:39:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 12:38:20 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.520	3.817	74435949	51438566	50.000	50.000
2)	SA Decachlor...	10.236	8.860	99828492	40517792	110.430	50.000 #
	Target Compounds						
11)	L3 AR-1232-1	4.883	4.191	16644355	13993352	500.000	500.000
12)	L3 AR-1232-2	5.408	4.923	7955169	14030567	500.000	500.000
13)	L3 AR-1232-3	5.694	5.100	17135200	7444793	500.000	500.000
14)	L3 AR-1232-4	5.854	5.185	7853790	6402183	500.000	500.000
15)	L3 AR-1232-5	5.943	5.357	5320177	7087391	500.000	500.000

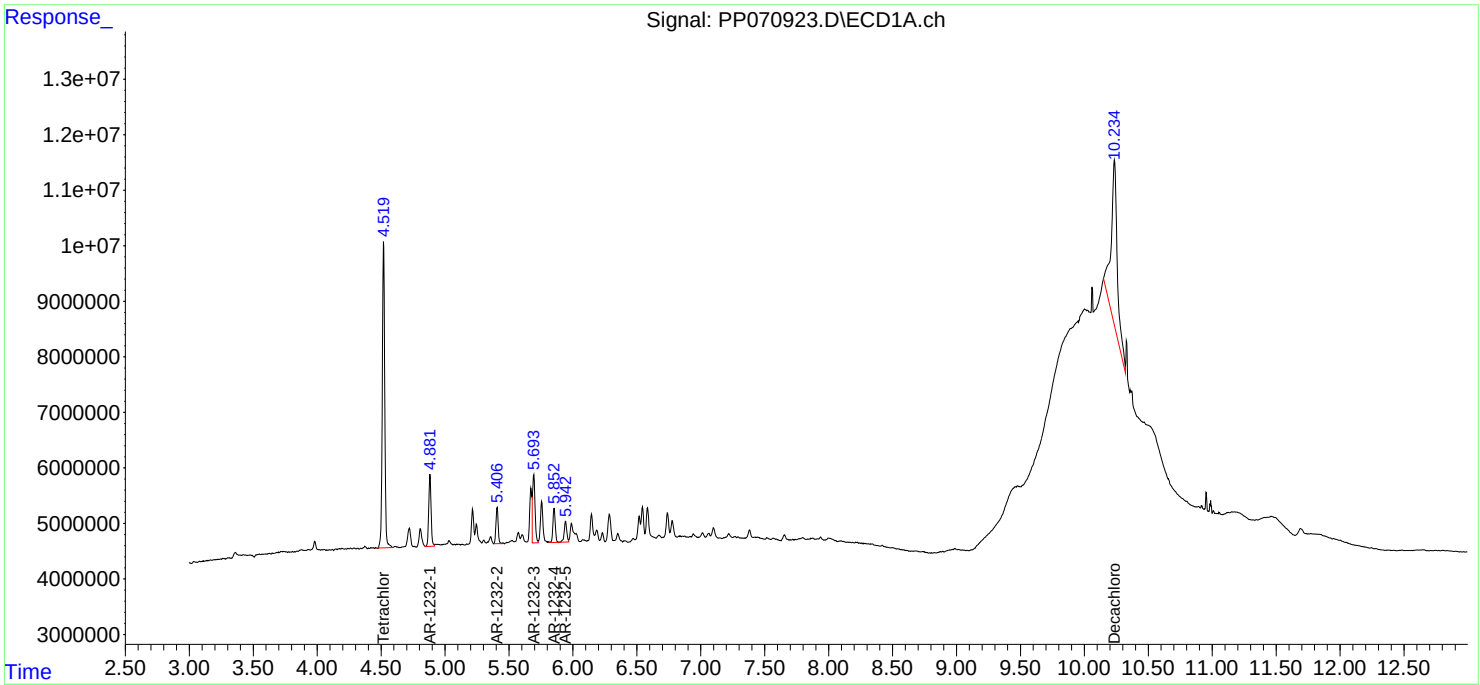
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

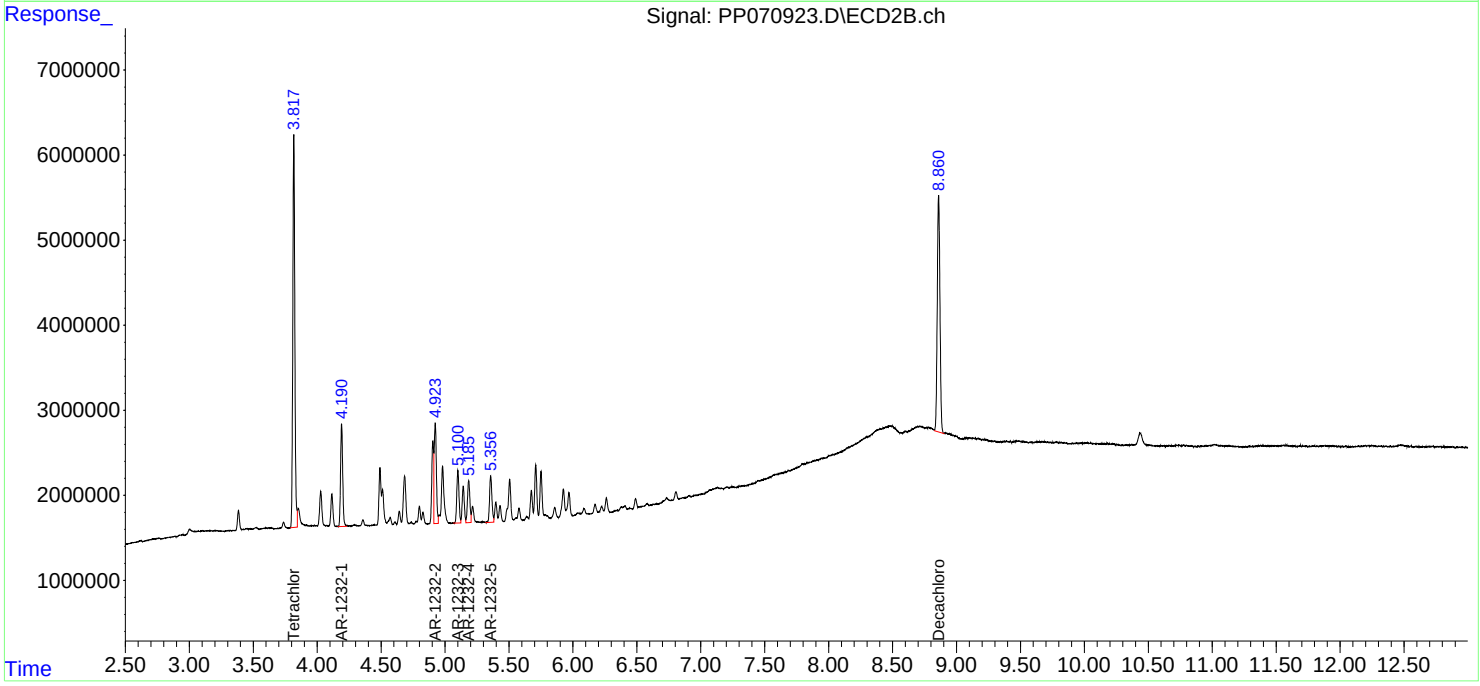
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070923.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 12:11
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

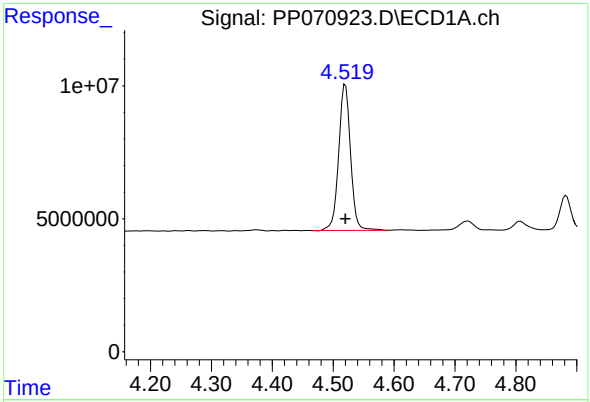
Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 12:39:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 12:38:20 2025
Response via : Initial Calibration
Integrator: ChemStation

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



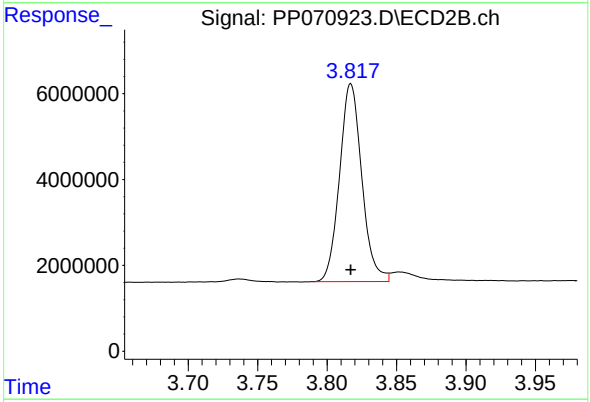




#1 Tetrachloro-m-xylene

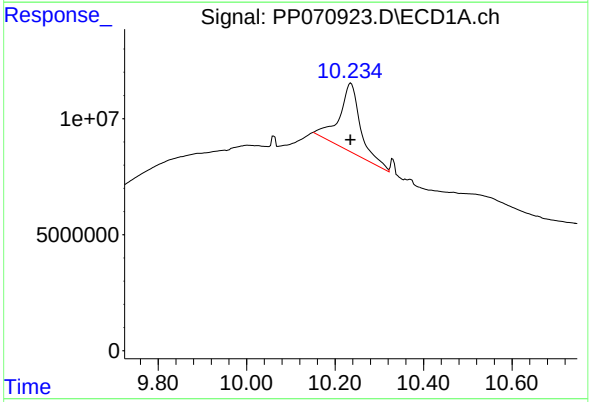
R.T.: 4.520 min
Delta R.T.: 0.000 min
Response: 74435949
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



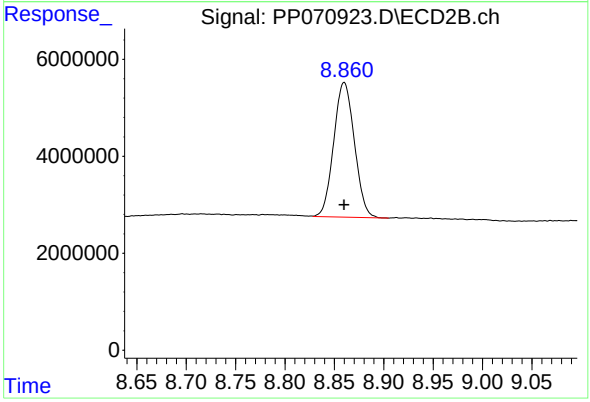
#1 Tetrachloro-m-xylene

R.T.: 3.817 min
Delta R.T.: 0.000 min
Response: 51438566
Conc: 50.00 ng/ml



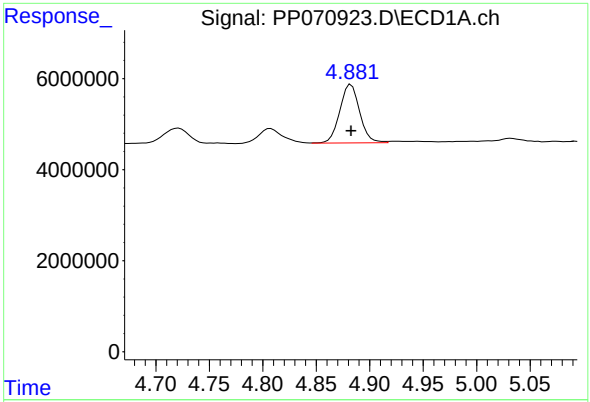
#2 Decachlorobiphenyl

R.T.: 10.236 min
Delta R.T.: 0.001 min
Response: 99828492
Conc: 110.43 ng/ml



#2 Decachlorobiphenyl

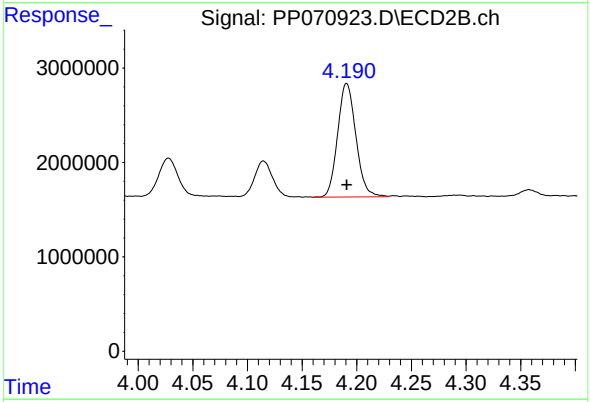
R.T.: 8.860 min
Delta R.T.: 0.000 min
Response: 40517792
Conc: 50.00 ng/ml



#11 AR-1232-1

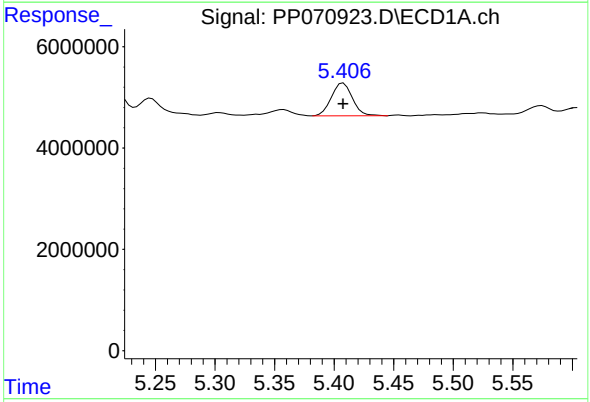
R.T.: 4.883 min
Delta R.T.: 0.000 min
Response: 16644355
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



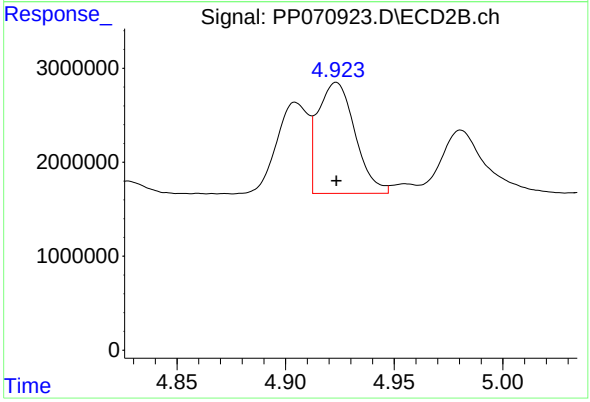
#11 AR-1232-1

R.T.: 4.191 min
Delta R.T.: 0.000 min
Response: 13993352
Conc: 500.00 ng/ml



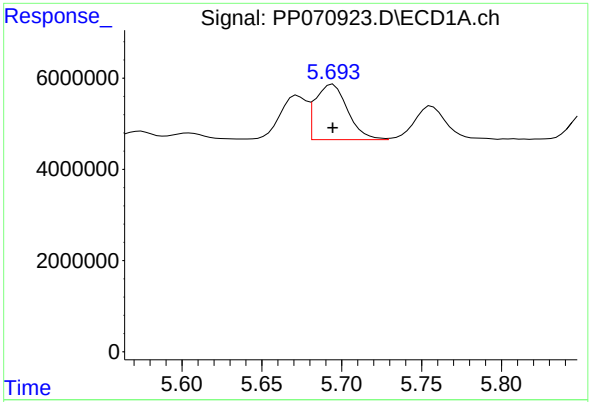
#12 AR-1232-2

R.T.: 5.408 min
Delta R.T.: 0.000 min
Response: 7955169
Conc: 500.00 ng/ml



#12 AR-1232-2

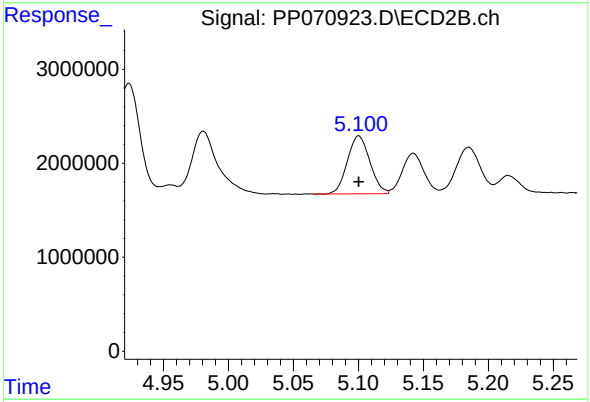
R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 14030567
Conc: 500.00 ng/ml



#13 AR-1232-3

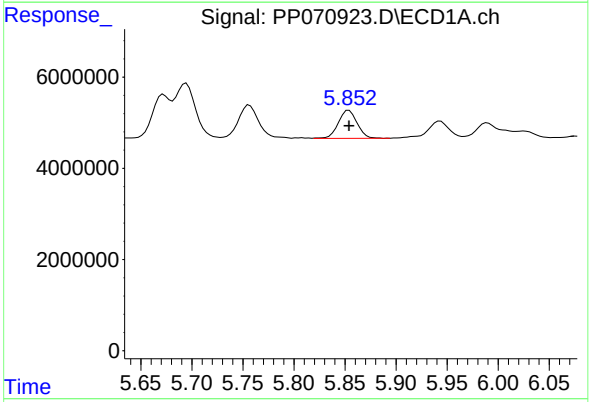
R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 17135200
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



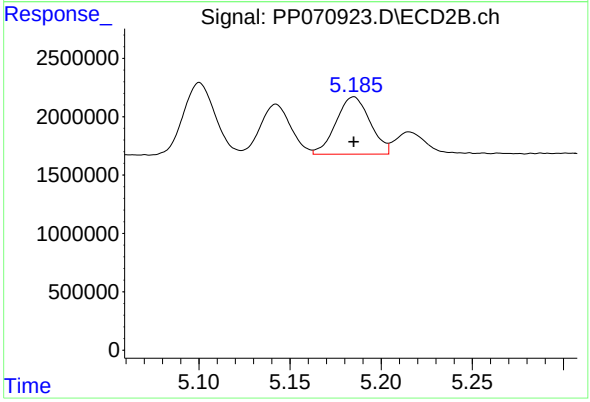
#13 AR-1232-3

R.T.: 5.100 min
Delta R.T.: 0.000 min
Response: 7444793
Conc: 500.00 ng/ml



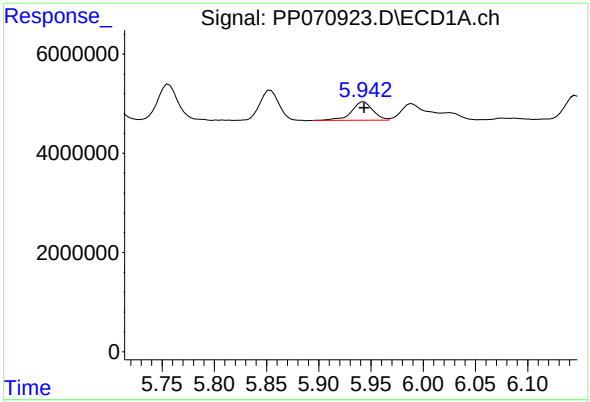
#14 AR-1232-4

R.T.: 5.854 min
Delta R.T.: 0.000 min
Response: 7853790
Conc: 500.00 ng/ml



#14 AR-1232-4

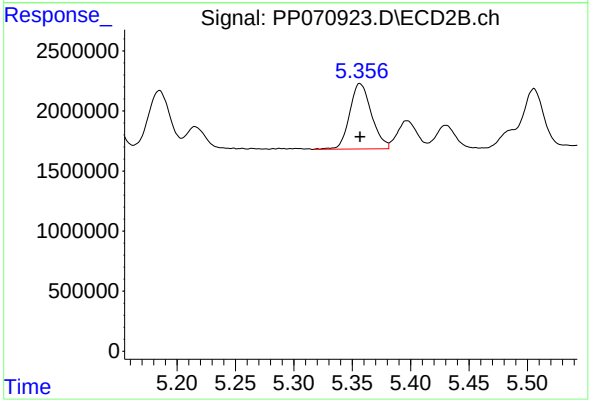
R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 6402183
Conc: 500.00 ng/ml



#15 AR-1232-5

R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 5320177
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



#15 AR-1232-5

R.T.: 5.357 min
Delta R.T.: 0.000 min
Response: 7087391
Conc: 500.00 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070928.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 13:33
Operator : YP\AJ
Sample : AR1242ICC50
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: Mar 27 13:57:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 13:24:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.512	3.815	6633492	5532966	4.273	4.939
2)	SA Decachlor...	10.226	8.857	5282830	3387334	4.676	4.164
	Target Compounds						
16)	L4 AR-1242-1	5.664	4.902	2665542	1773341	60.984	48.354
17)	L4 AR-1242-2	5.687	4.921	3354217	3201456	49.372	61.016
18)	L4 AR-1242-3	5.750	5.098	2977988	1401755	74.143	49.661 #
19)	L4 AR-1242-4	5.844	5.181	1598185	1807177	49.578	66.685 #
20)	L4 AR-1242-5	6.576	5.707	2292388	1930099	60.410	59.828

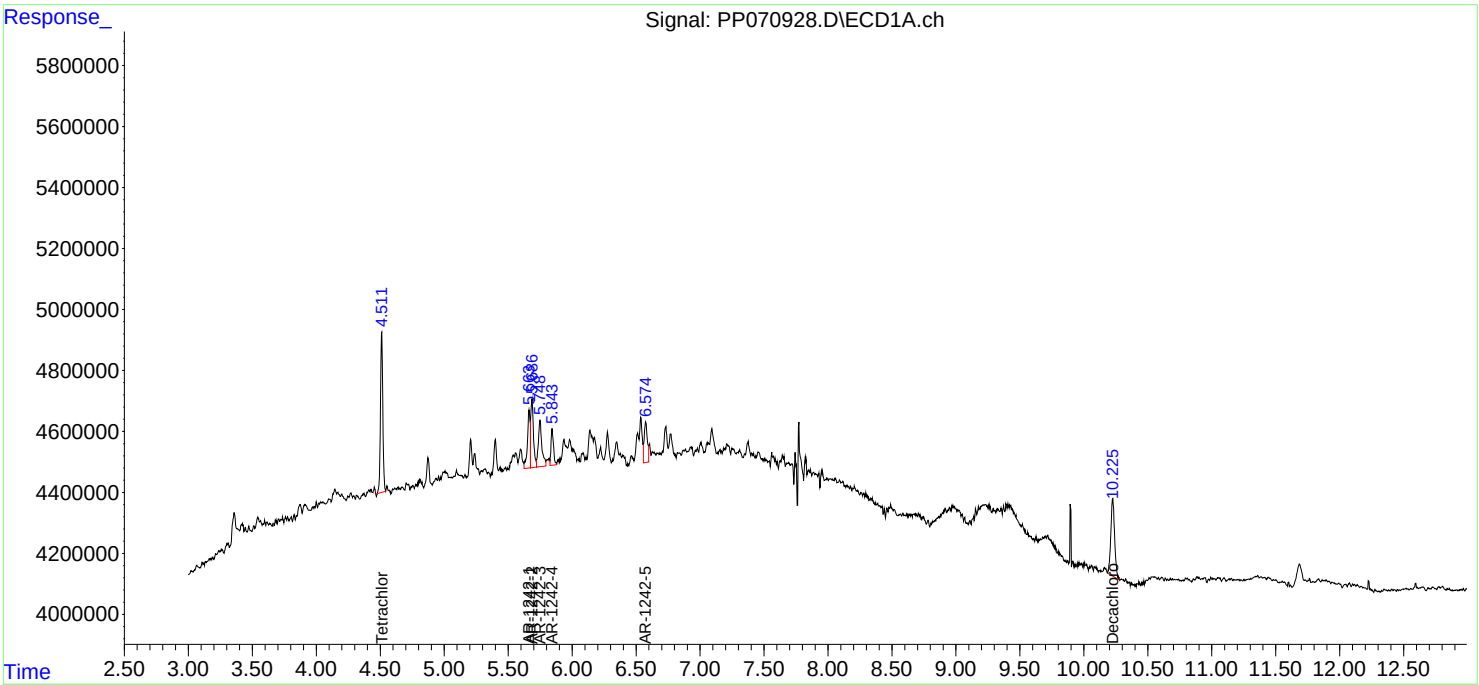
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

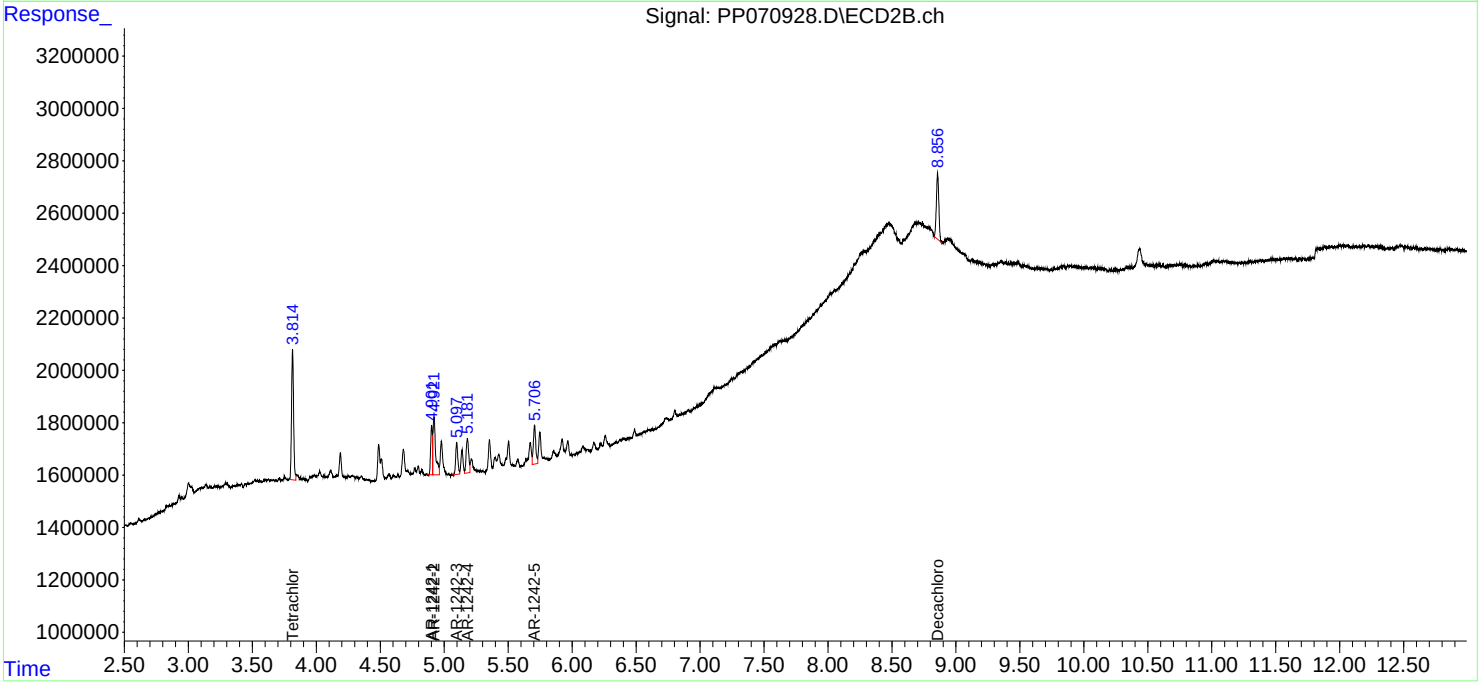
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070928.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 13:33
Operator : YP\AJ
Sample : AR1242ICC50
Misc :
ALS Vial : 14 Sample Multiplier: 1

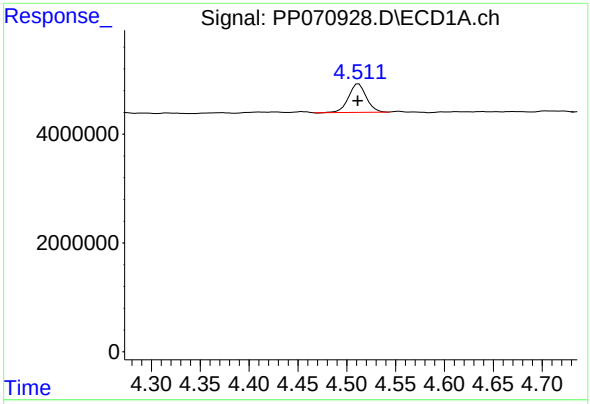
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 13:57:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 13:24:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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



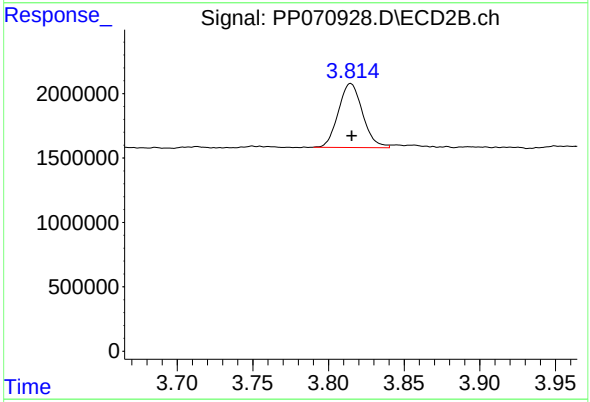




#1 Tetrachloro-m-xylene

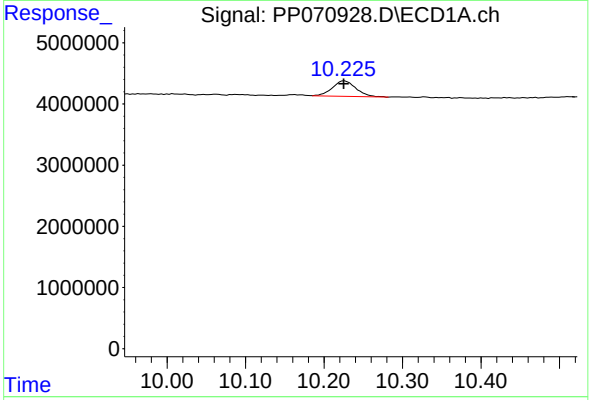
R.T.: 4.512 min
Delta R.T.: 0.001 min
Response: 6633492
Conc: 4.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



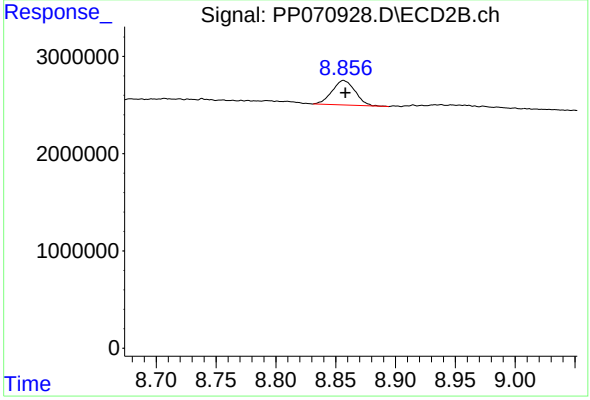
#1 Tetrachloro-m-xylene

R.T.: 3.815 min
Delta R.T.: 0.000 min
Response: 5532966
Conc: 4.94 ng/ml



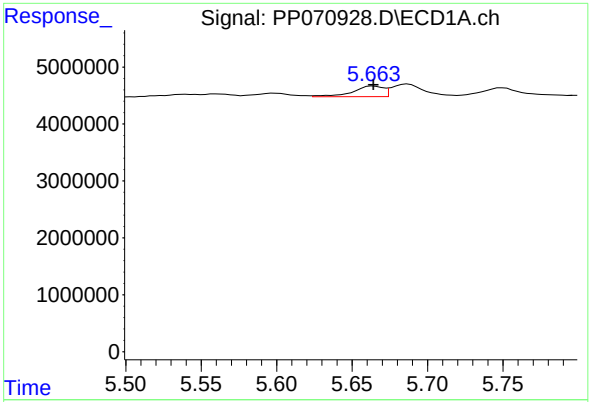
#2 Decachlorobiphenyl

R.T.: 10.226 min
Delta R.T.: 0.000 min
Response: 5282830
Conc: 4.68 ng/ml



#2 Decachlorobiphenyl

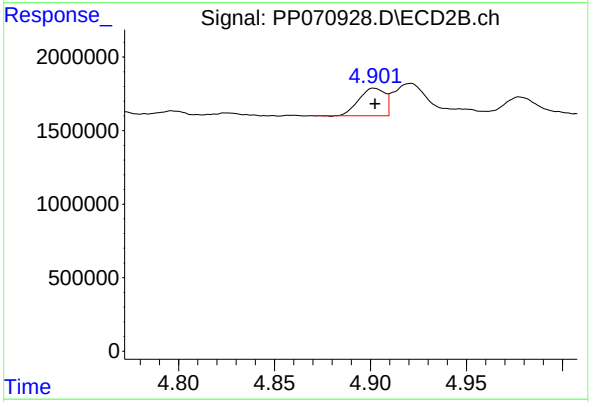
R.T.: 8.857 min
Delta R.T.: -0.001 min
Response: 3387334
Conc: 4.16 ng/ml



#16 AR-1242-1

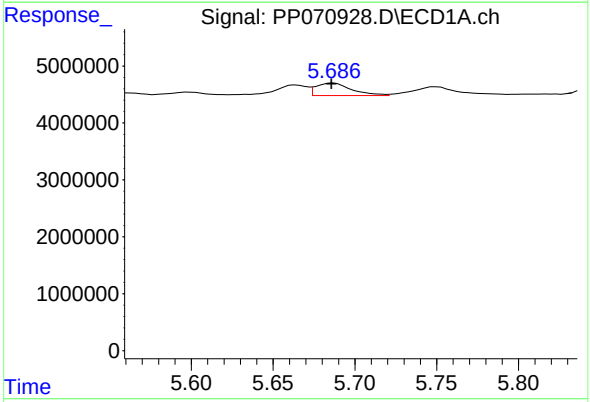
R.T.: 5.664 min
Delta R.T.: 0.000 min
Response: 2665542
Conc: 60.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



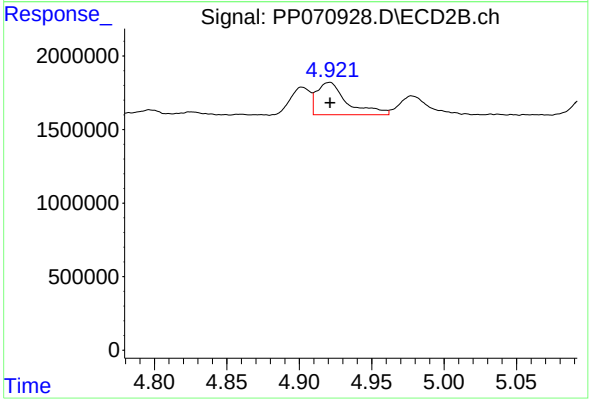
#16 AR-1242-1

R.T.: 4.902 min
Delta R.T.: 0.000 min
Response: 1773341
Conc: 48.35 ng/ml



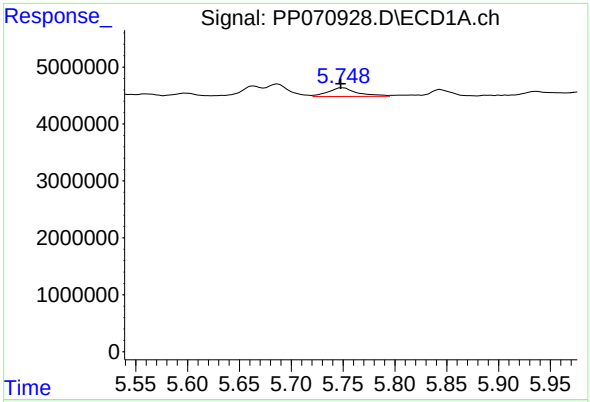
#17 AR-1242-2

R.T.: 5.687 min
Delta R.T.: 0.001 min
Response: 3354217
Conc: 49.37 ng/ml



#17 AR-1242-2

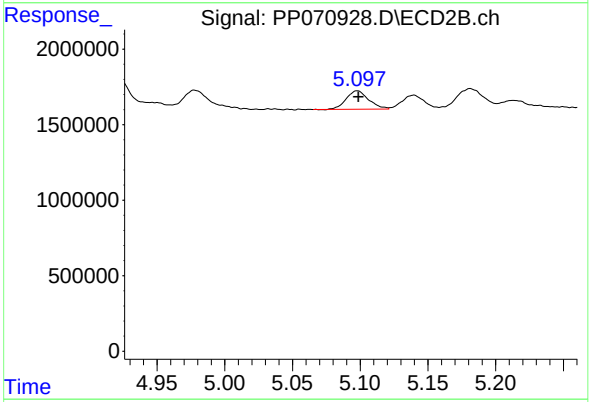
R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 3201456
Conc: 61.02 ng/ml



#18 AR-1242-3

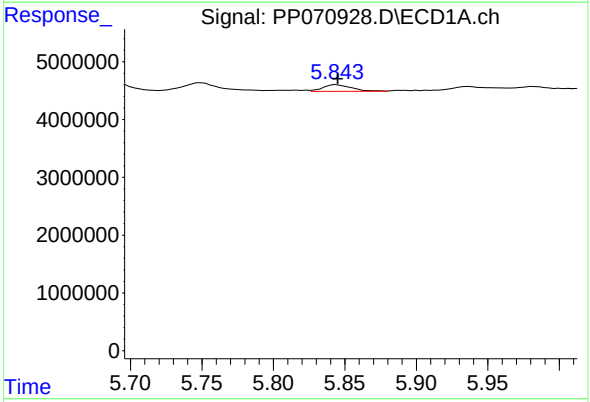
R.T.: 5.750 min
Delta R.T.: 0.002 min
Response: 2977988
Conc: 74.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



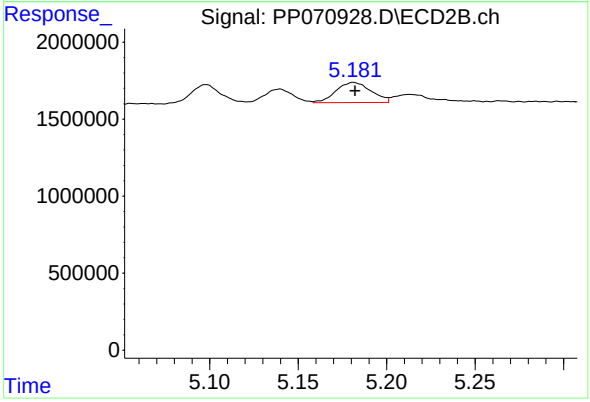
#18 AR-1242-3

R.T.: 5.098 min
Delta R.T.: 0.000 min
Response: 1401755
Conc: 49.66 ng/ml



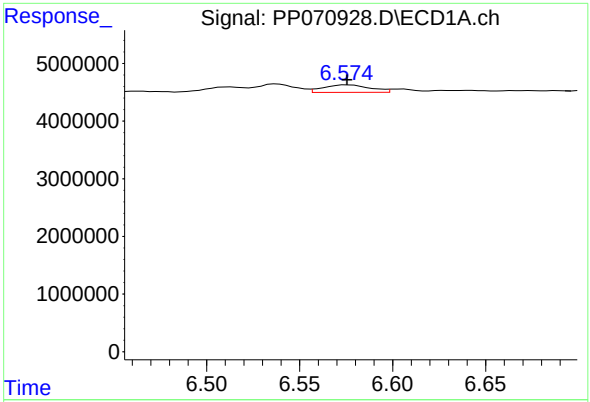
#19 AR-1242-4

R.T.: 5.844 min
Delta R.T.: 0.000 min
Response: 1598185
Conc: 49.58 ng/ml



#19 AR-1242-4

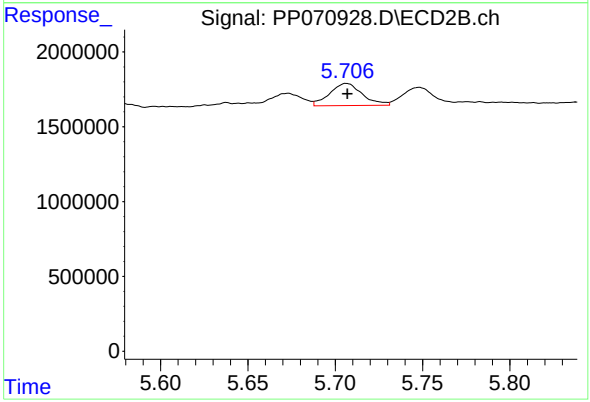
R.T.: 5.181 min
Delta R.T.: 0.000 min
Response: 1807177
Conc: 66.69 ng/ml



#20 AR-1242-5

R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 2292388
Conc: 60.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



#20 AR-1242-5

R.T.: 5.707 min
Delta R.T.: 0.000 min
Response: 1930099
Conc: 59.83 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070933.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 14:55
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: Mar 27 15:16:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 15:04:54 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.513	3.815	7324663	5848649	4.791	5.521
2)	SA Decachlor...	10.227	8.859	5549589	3661642	4.859	4.550
	Target Compounds						
21)	L5 AR-1248-1	5.665	4.902	1857345	1382826	51.489	51.338
22)	L5 AR-1248-2	5.936	5.140	2633031	1982278	58.287	55.076
23)	L5 AR-1248-3	6.139	5.182	2192198	2128069	43.549	56.472 #
24)	L5 AR-1248-4	6.538	5.354	3237397	2437650	49.085	55.103
25)	L5 AR-1248-5	6.578	5.748	3690931	2234402	59.064	52.978

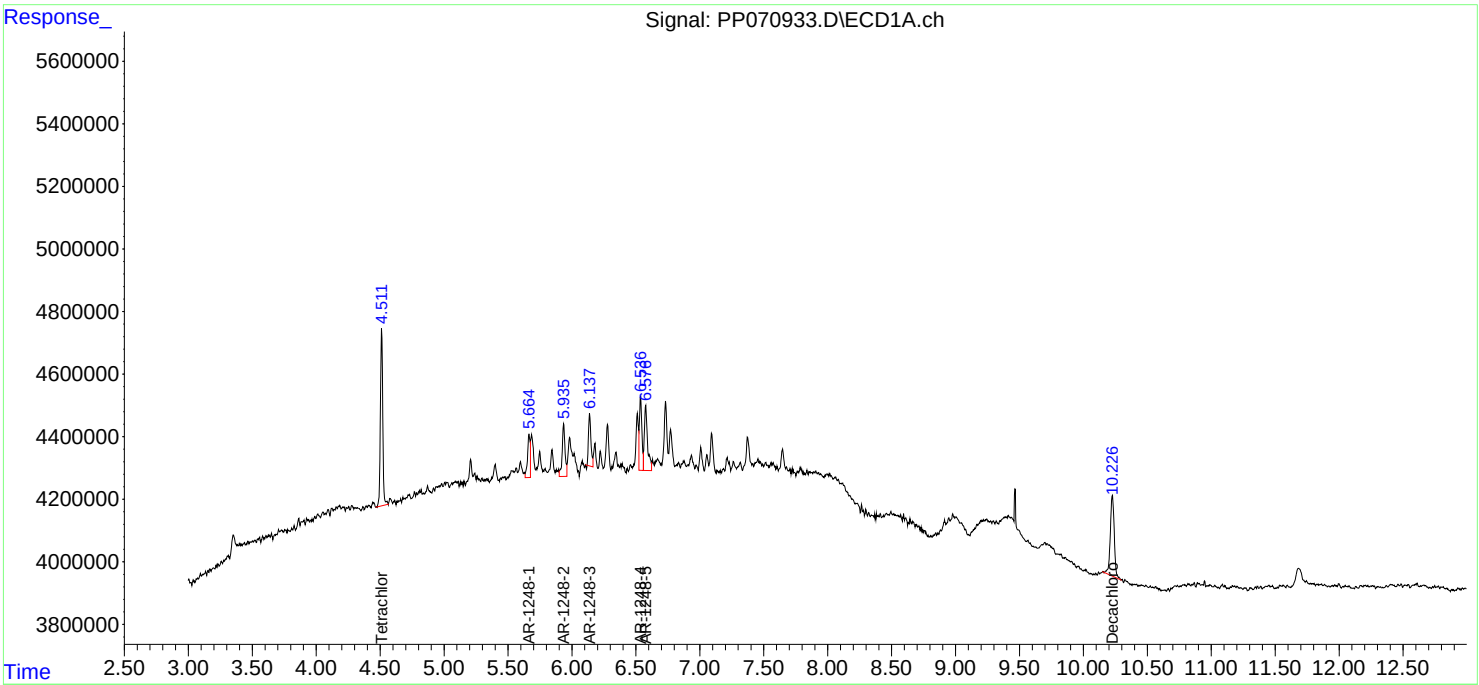
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

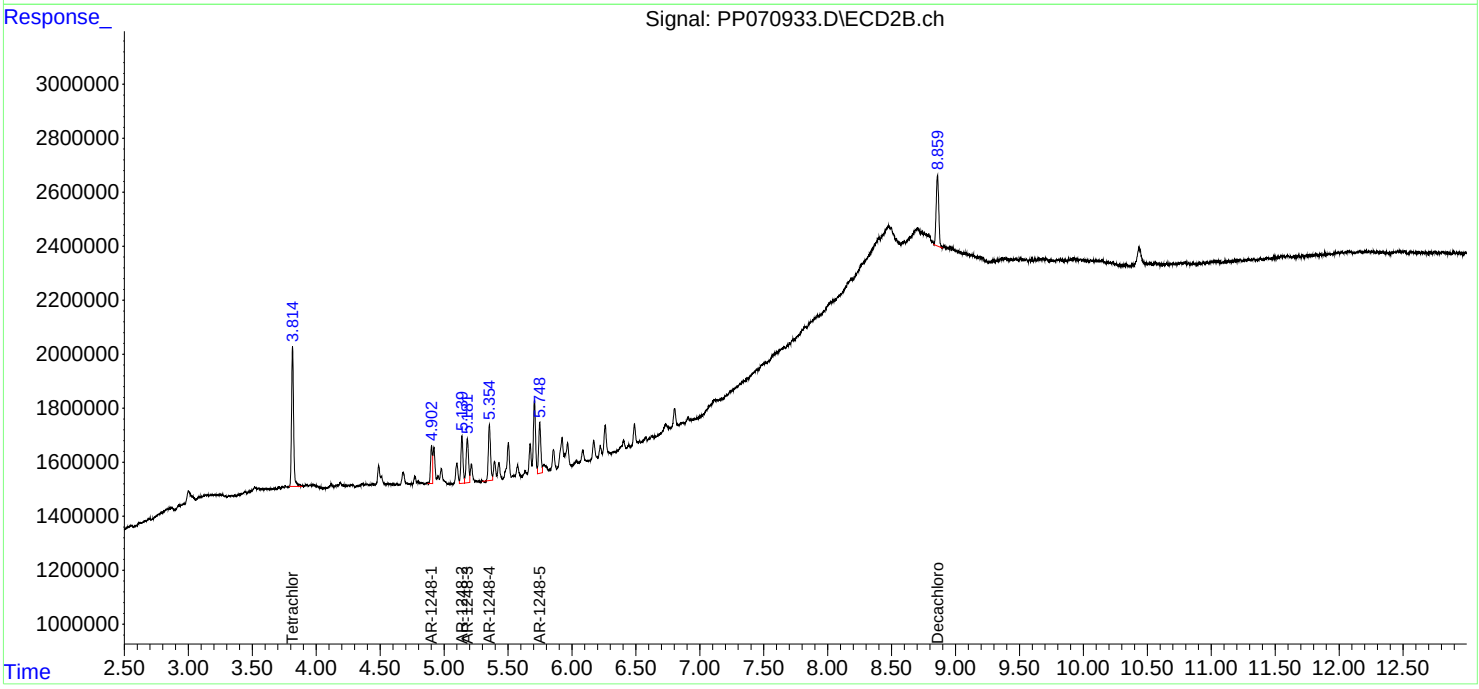
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070933.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 14:55
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

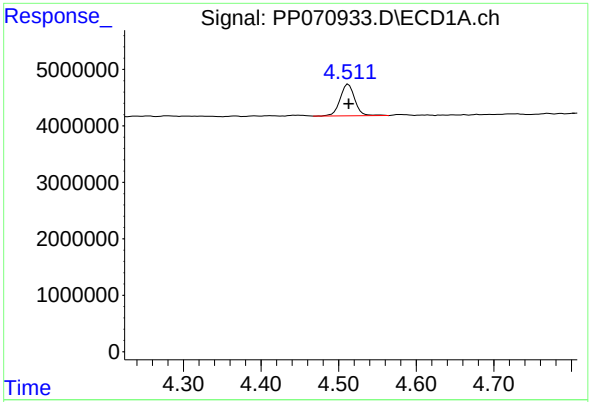
Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 15:16:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 15:04:54 2025
Response via : Initial Calibration
Integrator: ChemStation

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



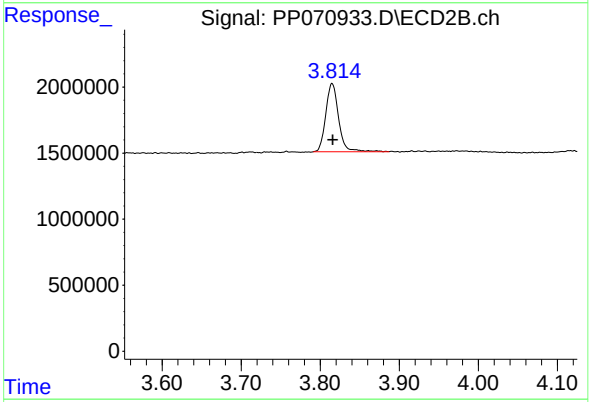




#1 Tetrachloro-m-xylene

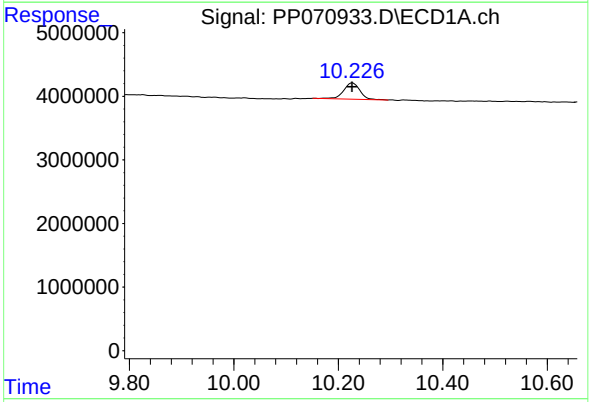
R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 7324663
Conc: 4.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



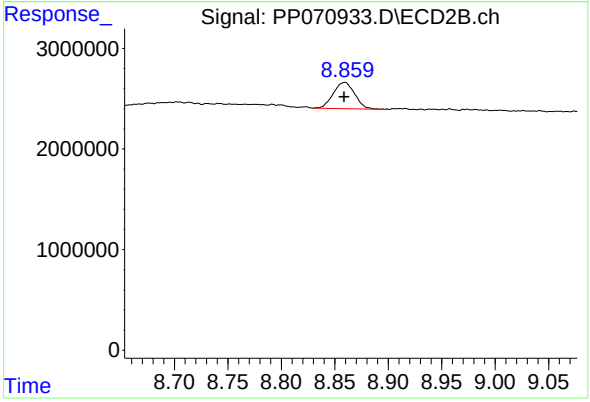
#1 Tetrachloro-m-xylene

R.T.: 3.815 min
Delta R.T.: 0.000 min
Response: 5848649
Conc: 5.52 ng/ml



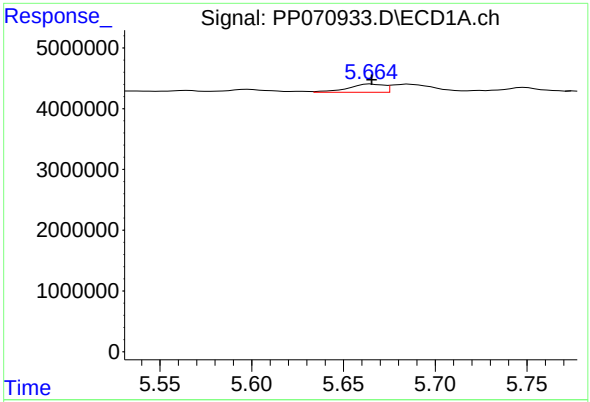
#2 Decachlorobiphenyl

R.T.: 10.227 min
Delta R.T.: 0.000 min
Response: 5549589
Conc: 4.86 ng/ml



#2 Decachlorobiphenyl

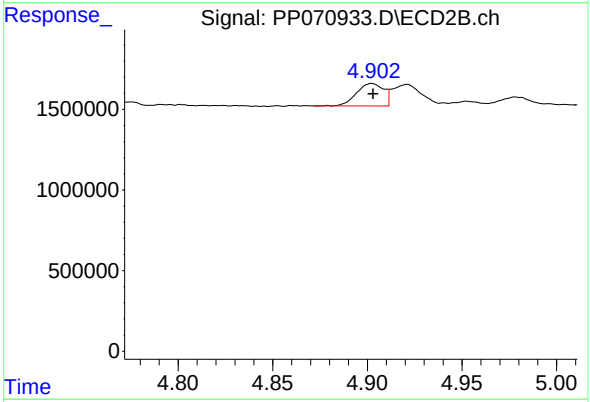
R.T.: 8.859 min
Delta R.T.: 0.000 min
Response: 3661642
Conc: 4.55 ng/ml



#21 AR-1248-1

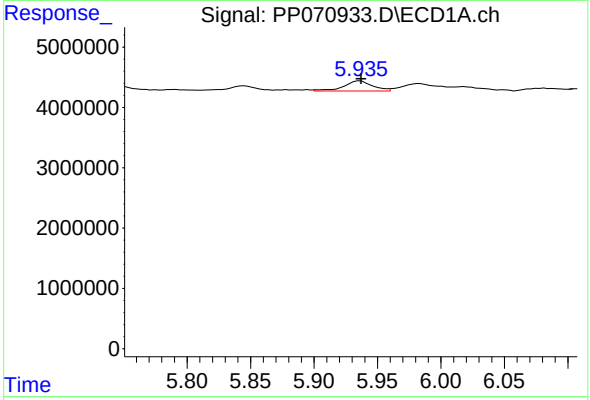
R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 1857345
Conc: 51.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



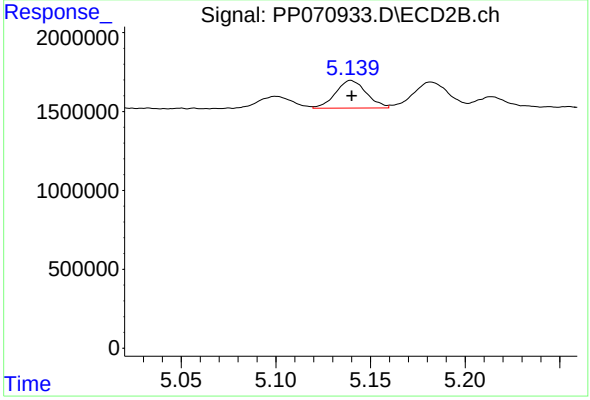
#21 AR-1248-1

R.T.: 4.902 min
Delta R.T.: 0.000 min
Response: 1382826
Conc: 51.34 ng/ml



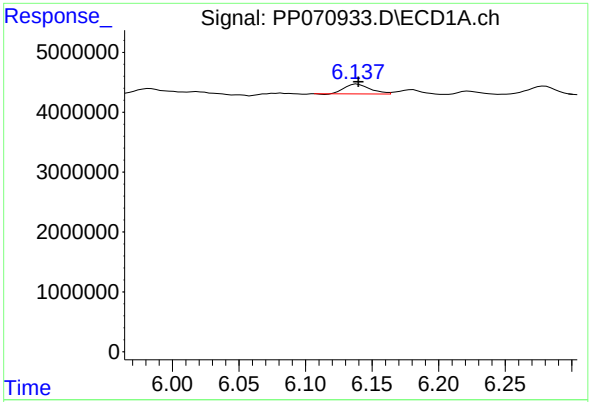
#22 AR-1248-2

R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 2633031
Conc: 58.29 ng/ml



#22 AR-1248-2

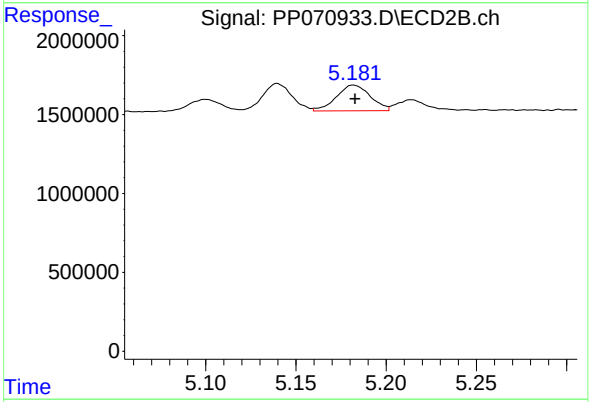
R.T.: 5.140 min
Delta R.T.: 0.000 min
Response: 1982278
Conc: 55.08 ng/ml



#23 AR-1248-3

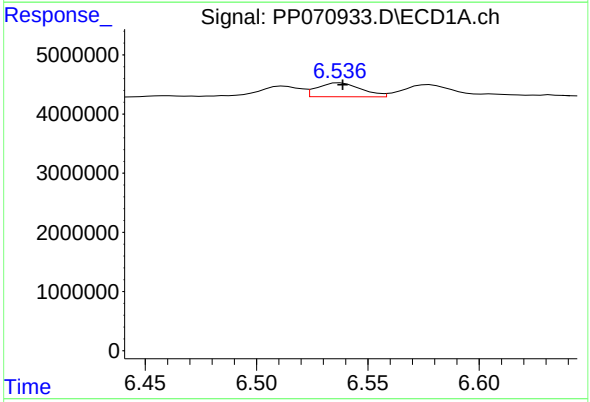
R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 2192198
Conc: 43.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



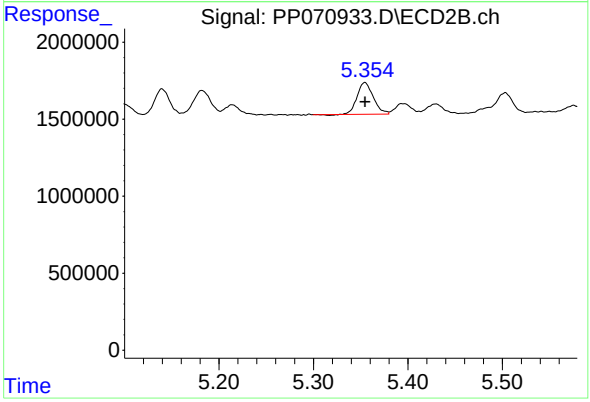
#23 AR-1248-3

R.T.: 5.182 min
Delta R.T.: 0.000 min
Response: 2128069
Conc: 56.47 ng/ml



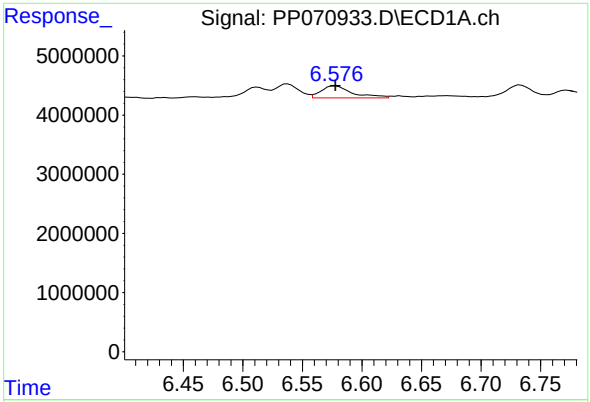
#24 AR-1248-4

R.T.: 6.538 min
Delta R.T.: -0.001 min
Response: 3237397
Conc: 49.09 ng/ml



#24 AR-1248-4

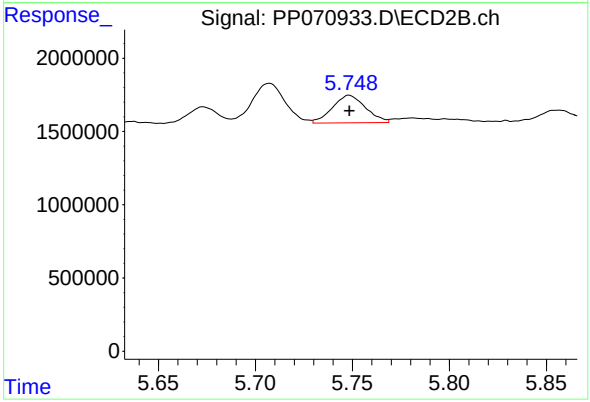
R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 2437650
Conc: 55.10 ng/ml



#25 AR-1248-5

R.T.: 6.578 min
Delta R.T.: 0.000 min
Response: 3690931
Conc: 59.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



#25 AR-1248-5

R.T.: 5.748 min
Delta R.T.: 0.000 min
Response: 2234402
Conc: 52.98 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070934.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 15:11
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: Mar 27 16:19:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 16:07:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.514	3.816	150.1E6	104.3E6	95.275	94.048
2)	SA Decachlor...	10.231	8.860	109.5E6	78348381	93.754	86.018
	Target Compounds						
26)	L6 AR-1254-1	6.516	5.709	60157506	58928147	918.830	891.736
27)	L6 AR-1254-2	6.732	5.857	92838442	50145967	911.948	882.952
28)	L6 AR-1254-3	7.095	6.261	92334650	77448562	928.765	882.456
29)	L6 AR-1254-4	7.379	6.490	84238161	49998215	970.458	893.353
30)	L6 AR-1254-5	7.793	6.908	87302185	65979008	1079.742	918.596

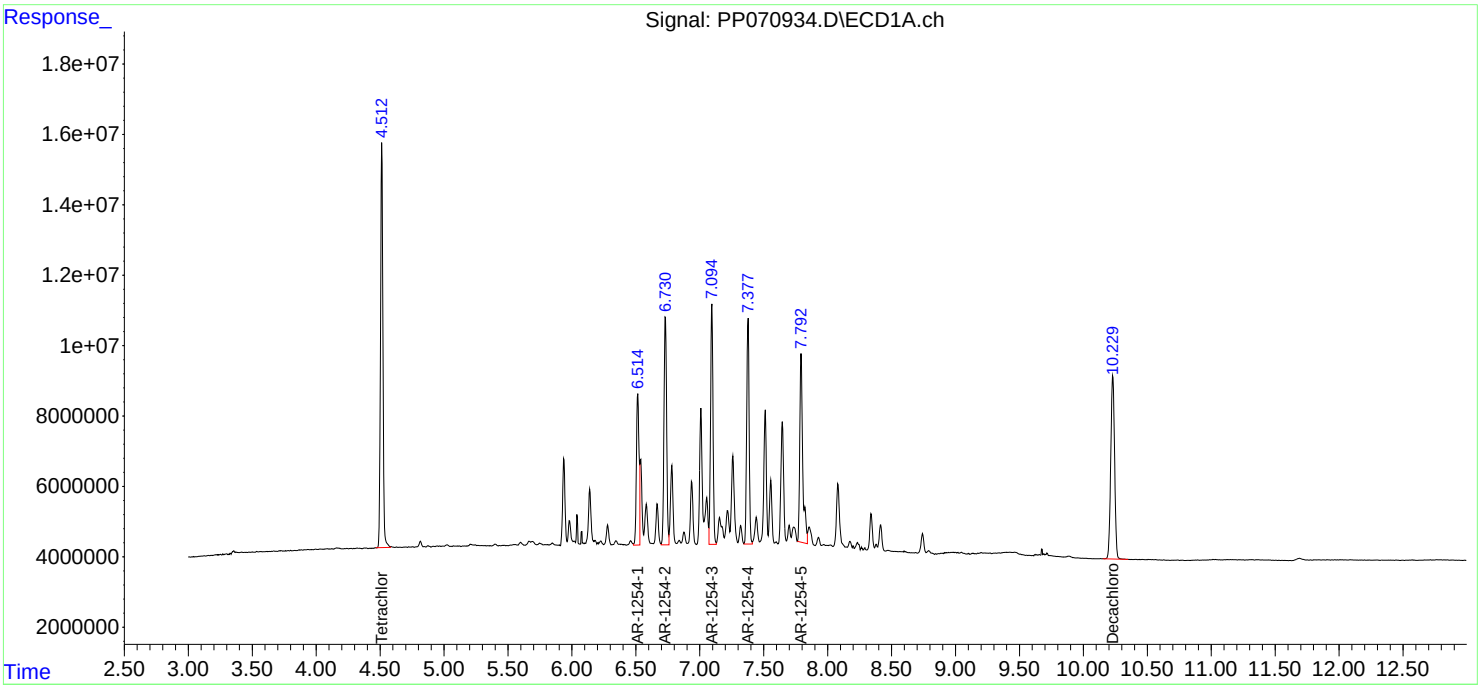
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

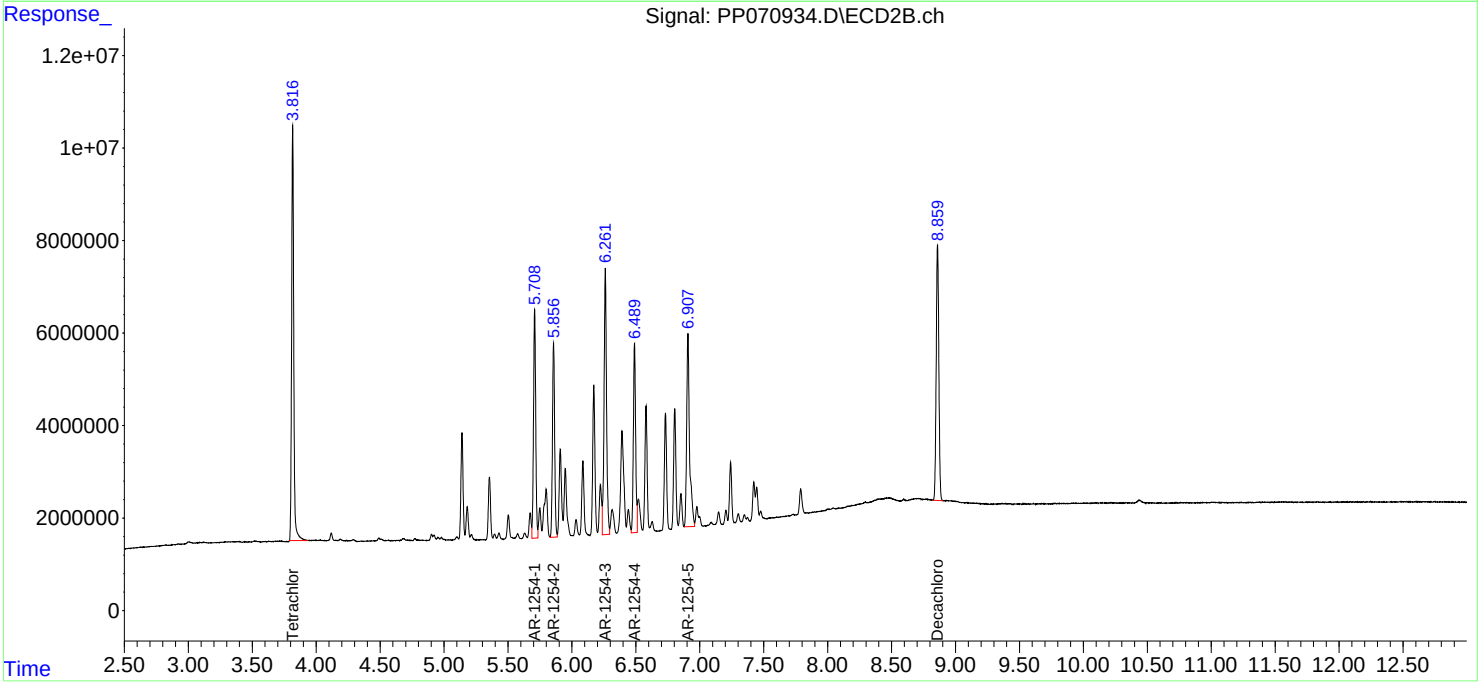
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070934.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 15:11
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

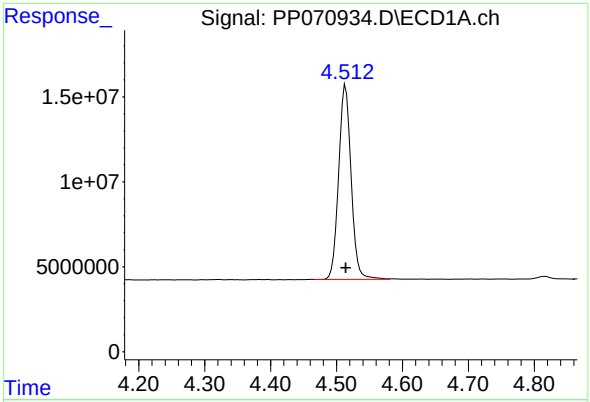
Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 16:19:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 16:07:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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



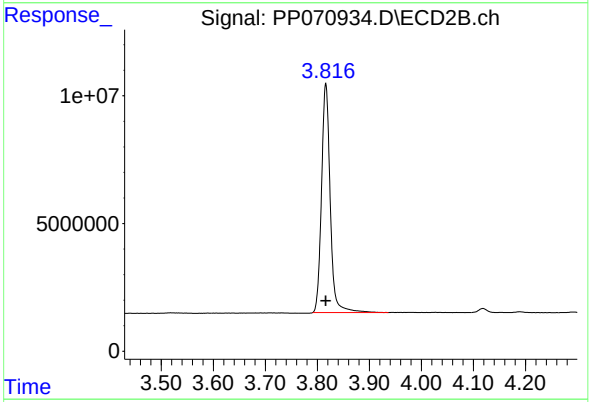




#1 Tetrachloro-m-xylene

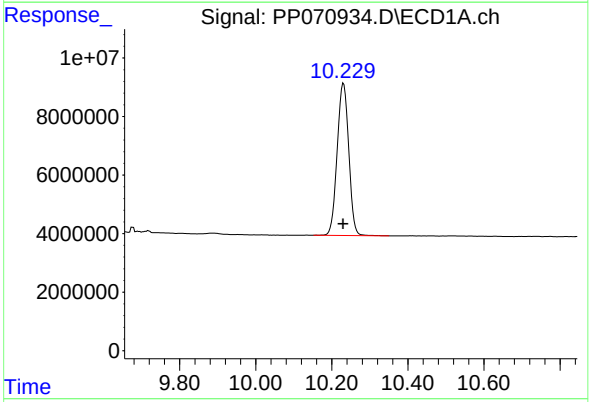
R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 150128836
Conc: 95.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



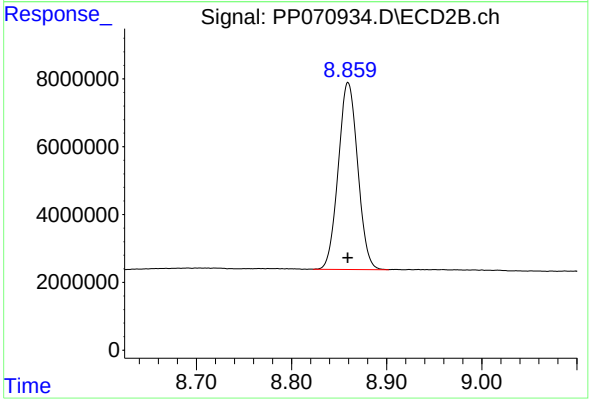
#1 Tetrachloro-m-xylene

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 104259560
Conc: 94.05 ng/ml



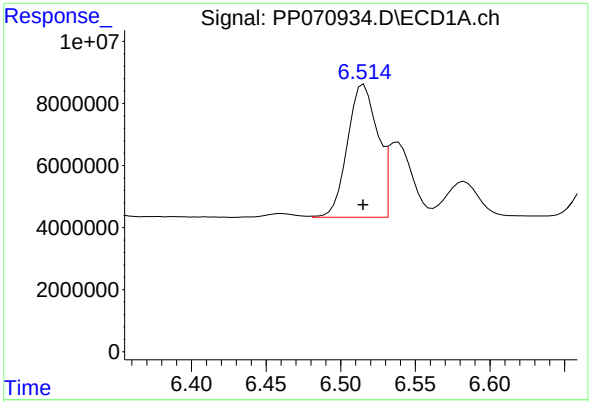
#2 Decachlorobiphenyl

R.T.: 10.231 min
Delta R.T.: 0.001 min
Response: 109543241
Conc: 93.75 ng/ml



#2 Decachlorobiphenyl

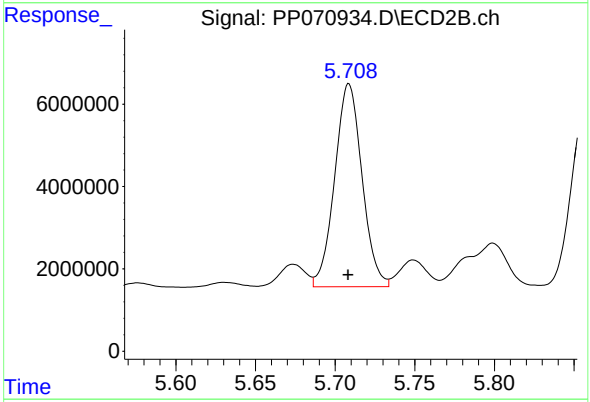
R.T.: 8.860 min
Delta R.T.: 0.000 min
Response: 78348381
Conc: 86.02 ng/ml



#26 AR-1254-1

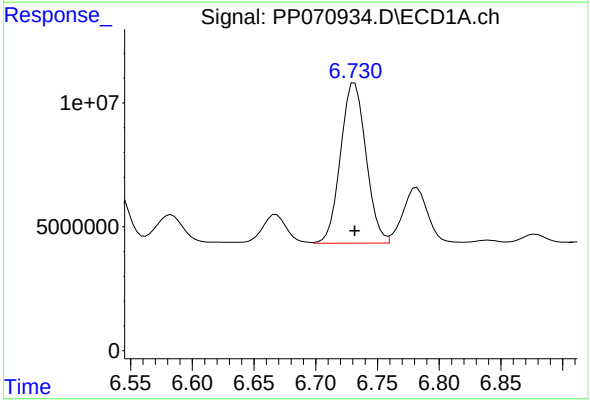
R.T.: 6.516 min
Delta R.T.: 0.000 min
Response: 60157506
Conc: 918.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



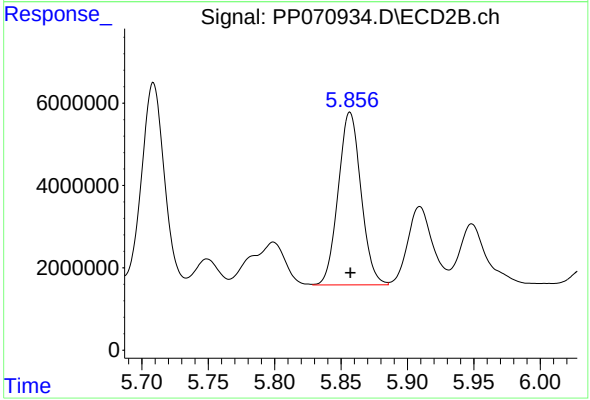
#26 AR-1254-1

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 58928147
Conc: 891.74 ng/ml



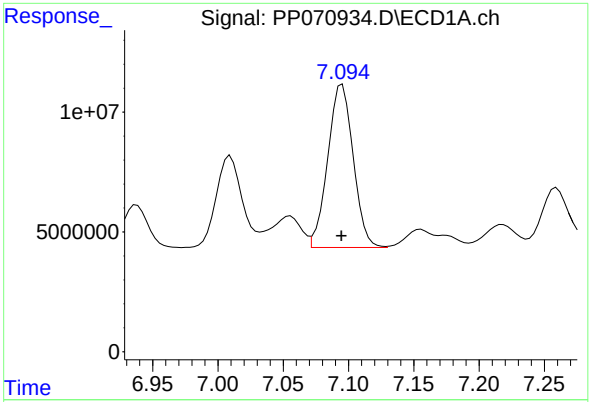
#27 AR-1254-2

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 92838442
Conc: 911.95 ng/ml



#27 AR-1254-2

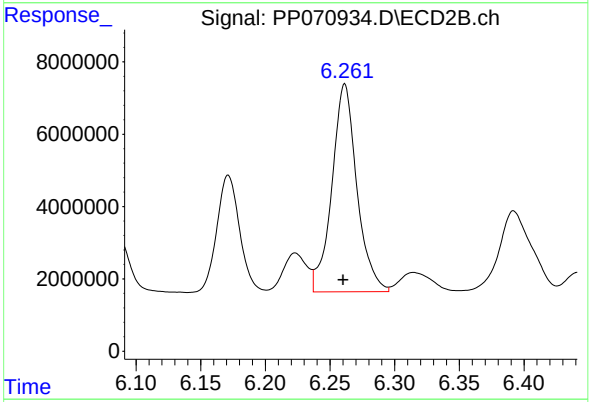
R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 50145967
Conc: 882.95 ng/ml



#28 AR-1254-3

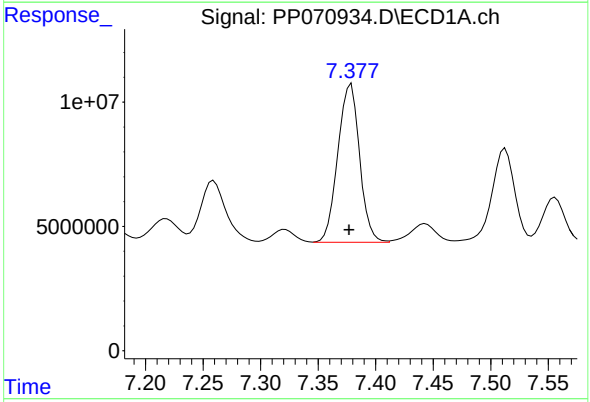
R.T.: 7.095 min
Delta R.T.: 0.000 min
Response: 92334650
Conc: 928.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



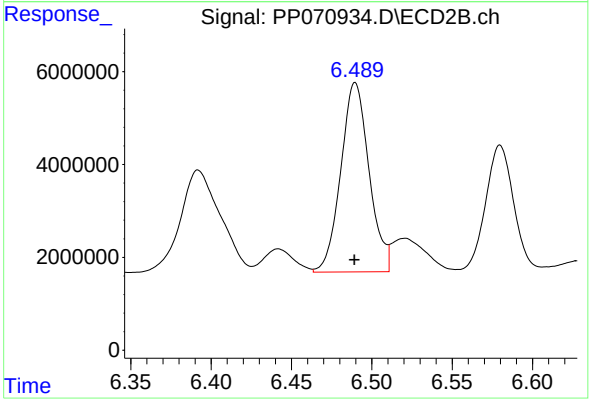
#28 AR-1254-3

R.T.: 6.261 min
Delta R.T.: 0.001 min
Response: 77448562
Conc: 882.46 ng/ml



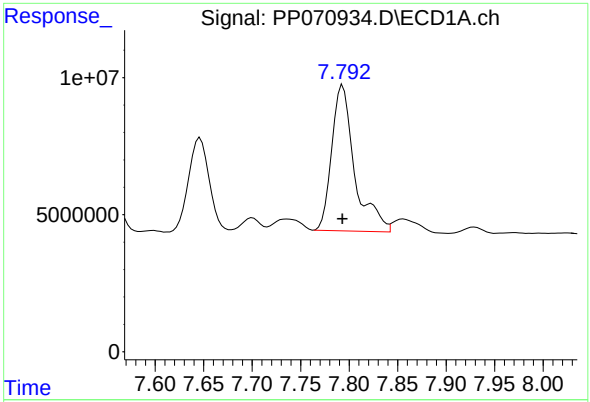
#29 AR-1254-4

R.T.: 7.379 min
Delta R.T.: 0.002 min
Response: 84238161
Conc: 970.46 ng/ml



#29 AR-1254-4

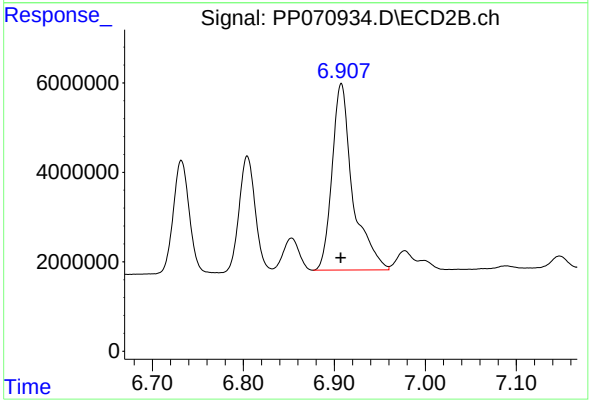
R.T.: 6.490 min
Delta R.T.: 0.000 min
Response: 49998215
Conc: 893.35 ng/ml



#30 AR-1254-5

R.T.: 7.793 min
Delta R.T.: 0.000 min
Response: 87302185
Conc: 1079.74 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



#30 AR-1254-5

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 65979008
Conc: 918.60 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070935.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 15:27
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: Mar 27 16:19:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 16:07:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.514	3.816	116.3E6	81865229	73.835	73.847
2)	SA Decachlor...	10.228	8.859	85851924	59713645	73.477	65.559
	Target Compounds						
26)	L6 AR-1254-1	6.515	5.708	47300573	46349687	722.456	701.391
27)	L6 AR-1254-2	6.731	5.856	72785411	40339655	714.968	710.286
28)	L6 AR-1254-3	7.094	6.260	73541603	62731680	739.732	714.771
29)	L6 AR-1254-4	7.377	6.490	65835410	40961211	758.451	731.883
30)	L6 AR-1254-5	7.793	6.907	68599534	53519032	848.430	745.122

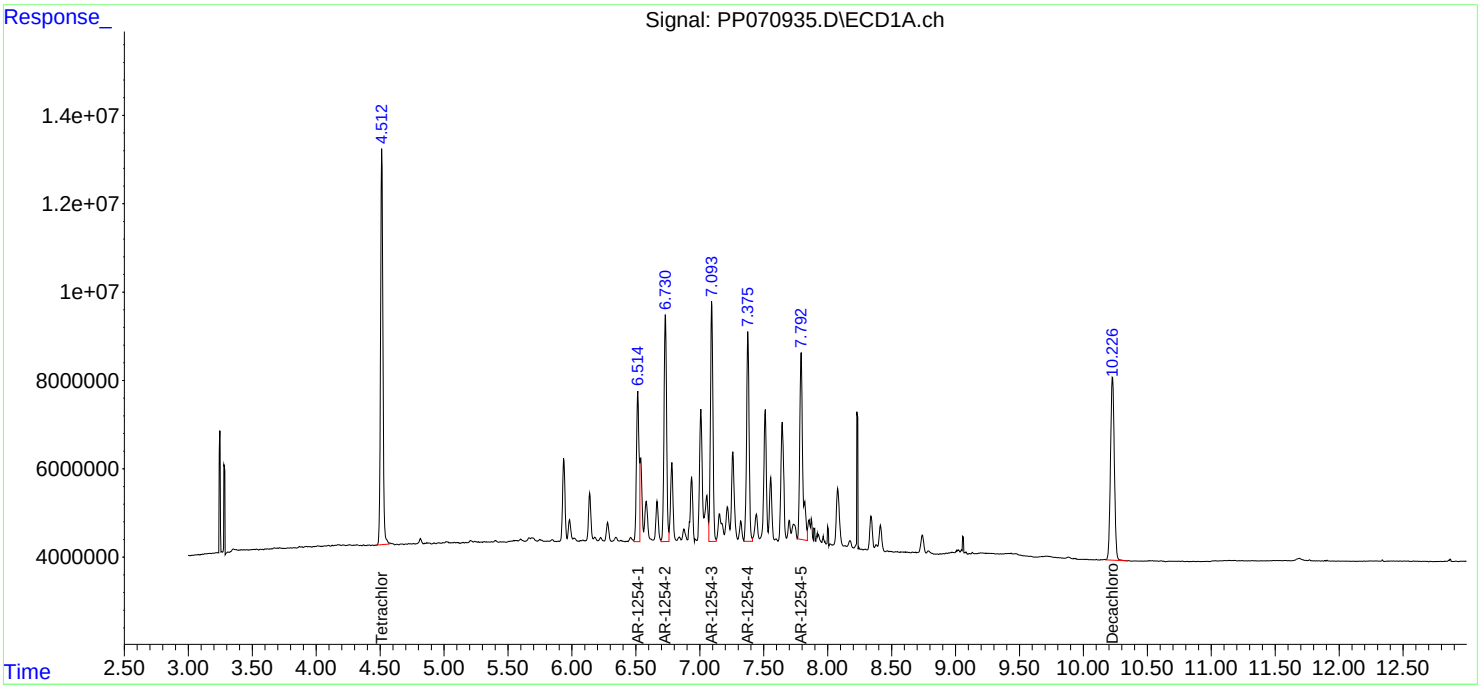
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

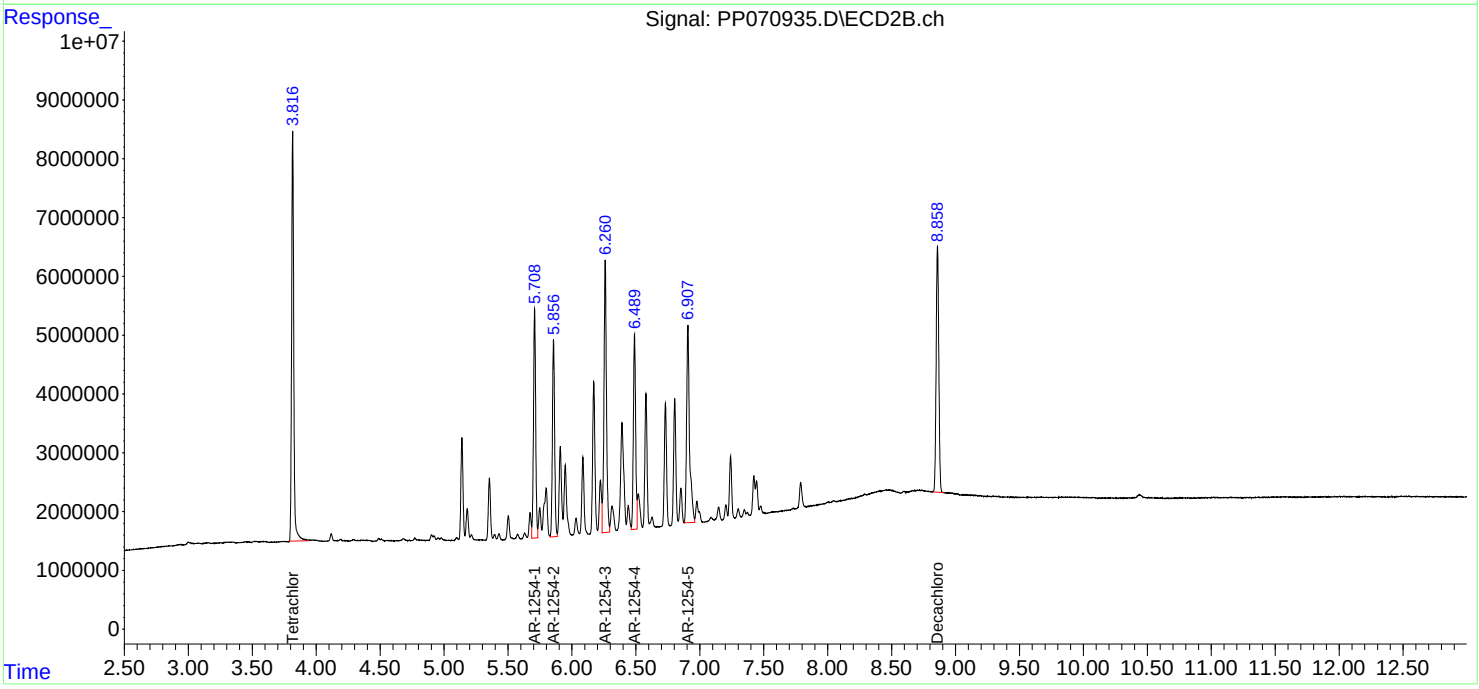
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070935.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 15:27
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

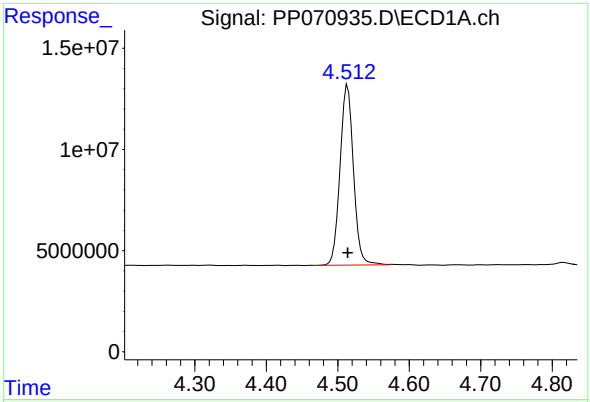
Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 16:19:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 16:07:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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



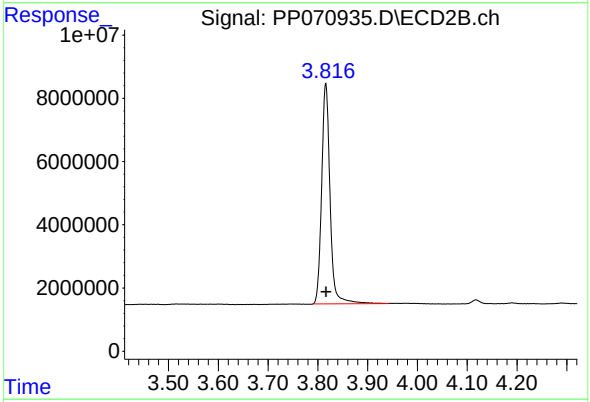




#1 Tetrachloro-m-xylene

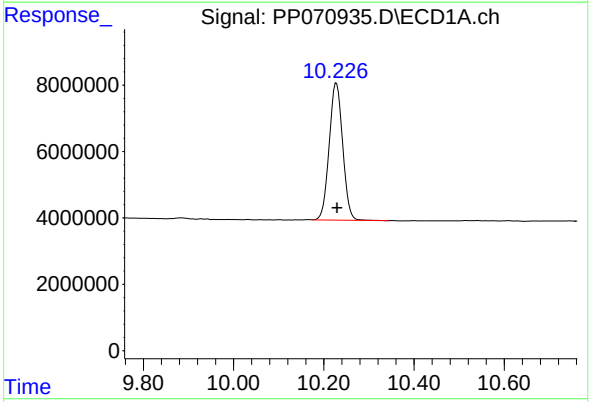
R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 116345667
Conc: 73.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



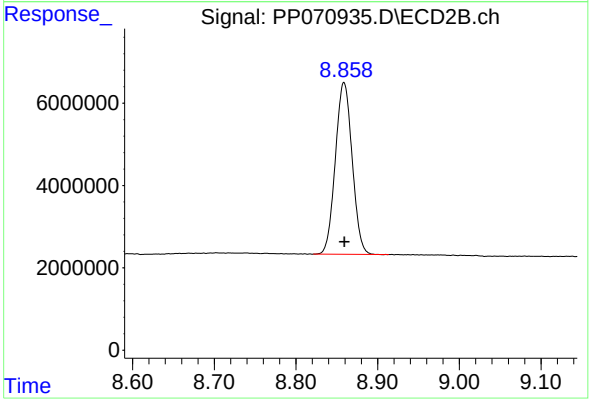
#1 Tetrachloro-m-xylene

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 81865229
Conc: 73.85 ng/ml



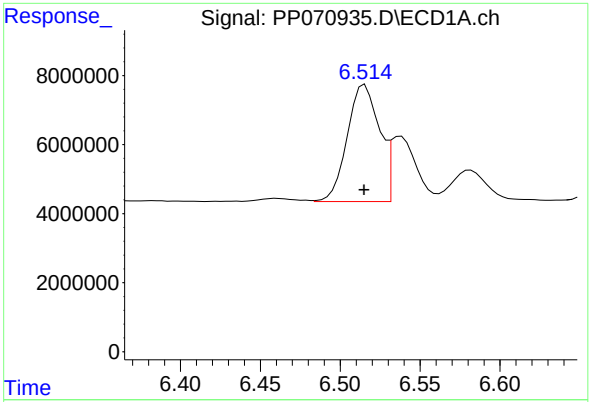
#2 Decachlorobiphenyl

R.T.: 10.228 min
Delta R.T.: -0.002 min
Response: 85851924
Conc: 73.48 ng/ml



#2 Decachlorobiphenyl

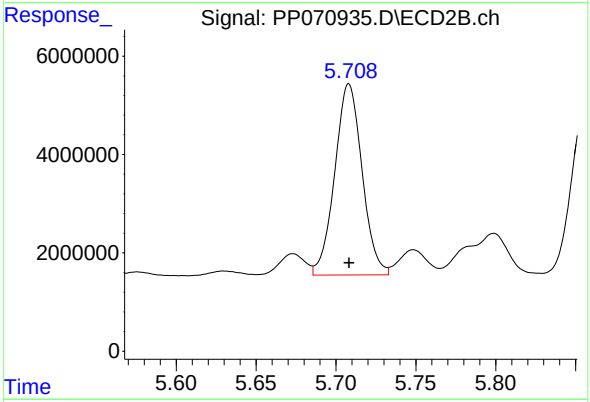
R.T.: 8.859 min
Delta R.T.: 0.000 min
Response: 59713645
Conc: 65.56 ng/ml



#26 AR-1254-1

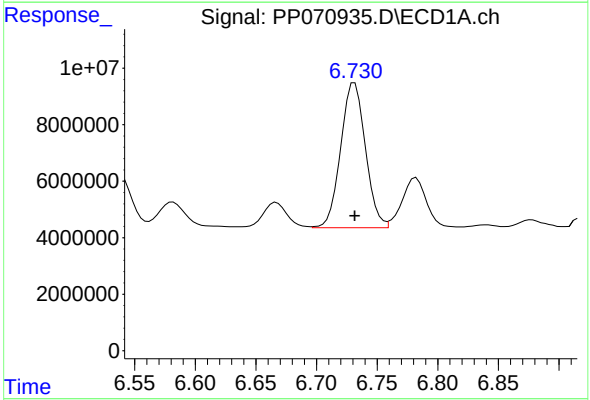
R.T.: 6.515 min
Delta R.T.: 0.000 min
Response: 47300573
Conc: 722.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



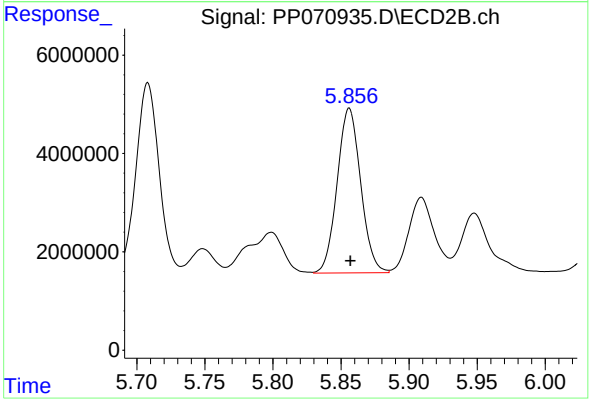
#26 AR-1254-1

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 46349687
Conc: 701.39 ng/ml



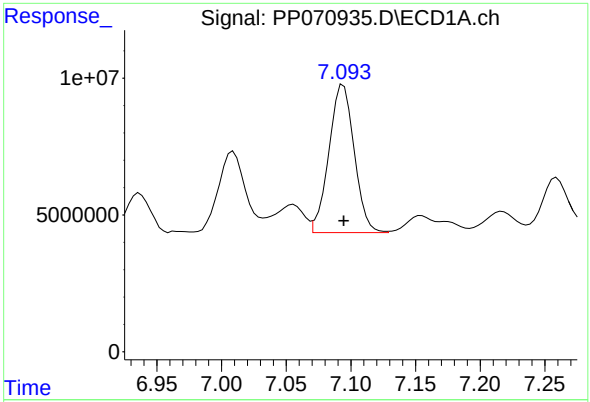
#27 AR-1254-2

R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 72785411
Conc: 714.97 ng/ml



#27 AR-1254-2

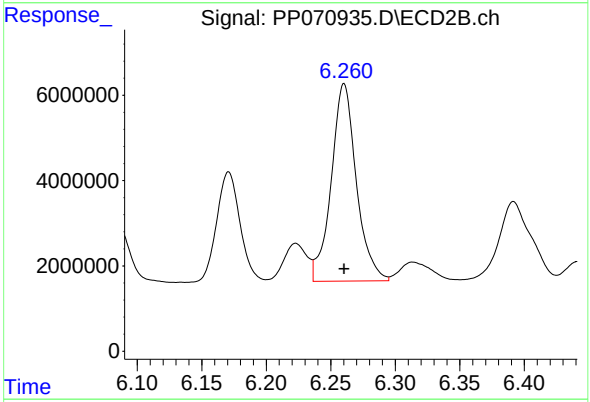
R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 40339655
Conc: 710.29 ng/ml



#28 AR-1254-3

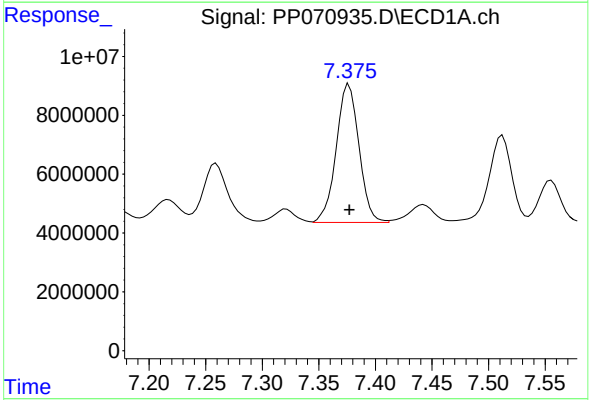
R.T.: 7.094 min
Delta R.T.: 0.000 min
Response: 73541603
Conc: 739.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



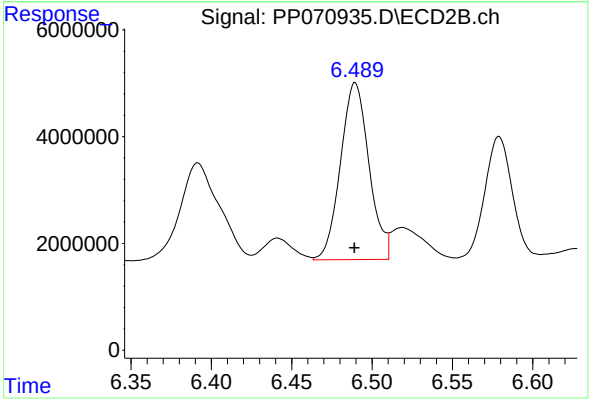
#28 AR-1254-3

R.T.: 6.260 min
Delta R.T.: 0.000 min
Response: 62731680
Conc: 714.77 ng/ml



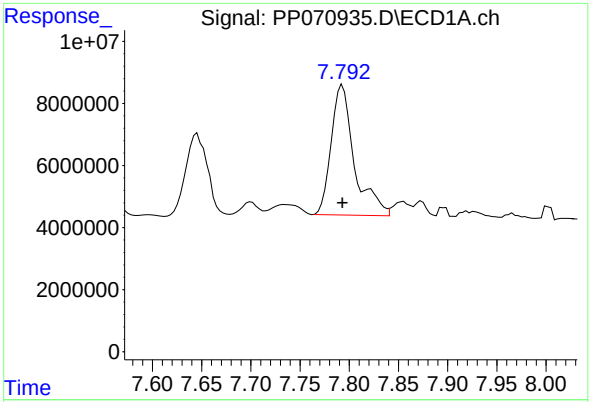
#29 AR-1254-4

R.T.: 7.377 min
Delta R.T.: 0.000 min
Response: 65835410
Conc: 758.45 ng/ml



#29 AR-1254-4

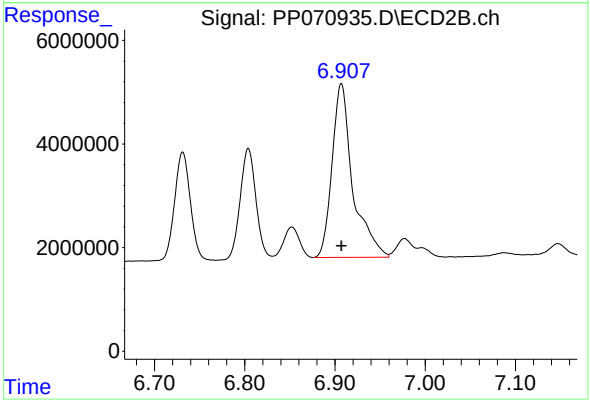
R.T.: 6.490 min
Delta R.T.: 0.000 min
Response: 40961211
Conc: 731.88 ng/ml



#30 AR-1254-5

R.T.: 7.793 min
Delta R.T.: 0.000 min
Response: 68599534
Conc: 848.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



#30 AR-1254-5

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 53519032
Conc: 745.12 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070937.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 16:00
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: Mar 27 16:20:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 16:07:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.514	3.816	40672603	29879101	25.812	26.953
2)	SA Decachlor...	10.230	8.859	29858259	21257096	25.554	23.338
	Target Compounds						
26)	L6 AR-1254-1	6.516	5.708	16701604	18446961	255.096	279.151
27)	L6 AR-1254-2	6.732	5.856	26389026	16008677	259.218	281.875
28)	L6 AR-1254-3	7.095	6.260	25960285	24772594	261.126	282.261
29)	L6 AR-1254-4	7.377	6.489	22197209	16043587	255.721	286.662
30)	L6 AR-1254-5	7.793	6.907	23415043	20606411	289.594	286.894

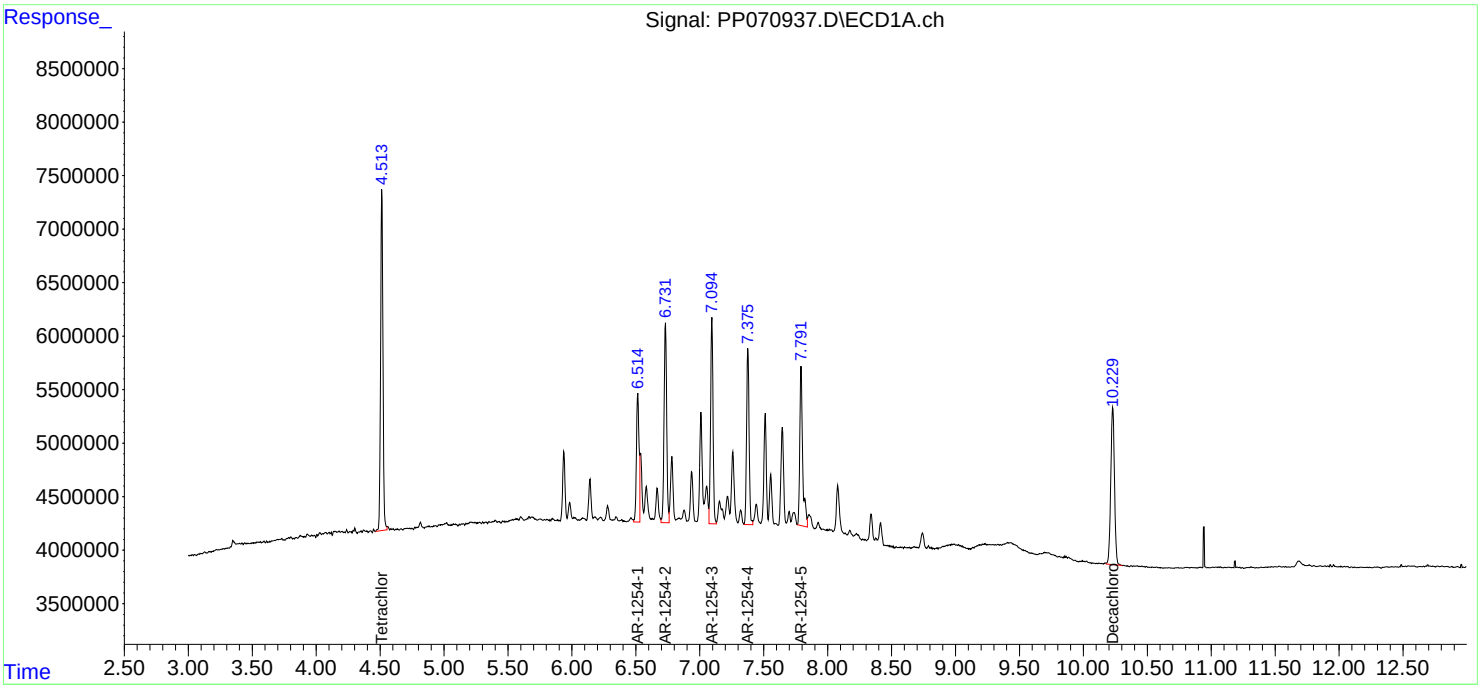
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

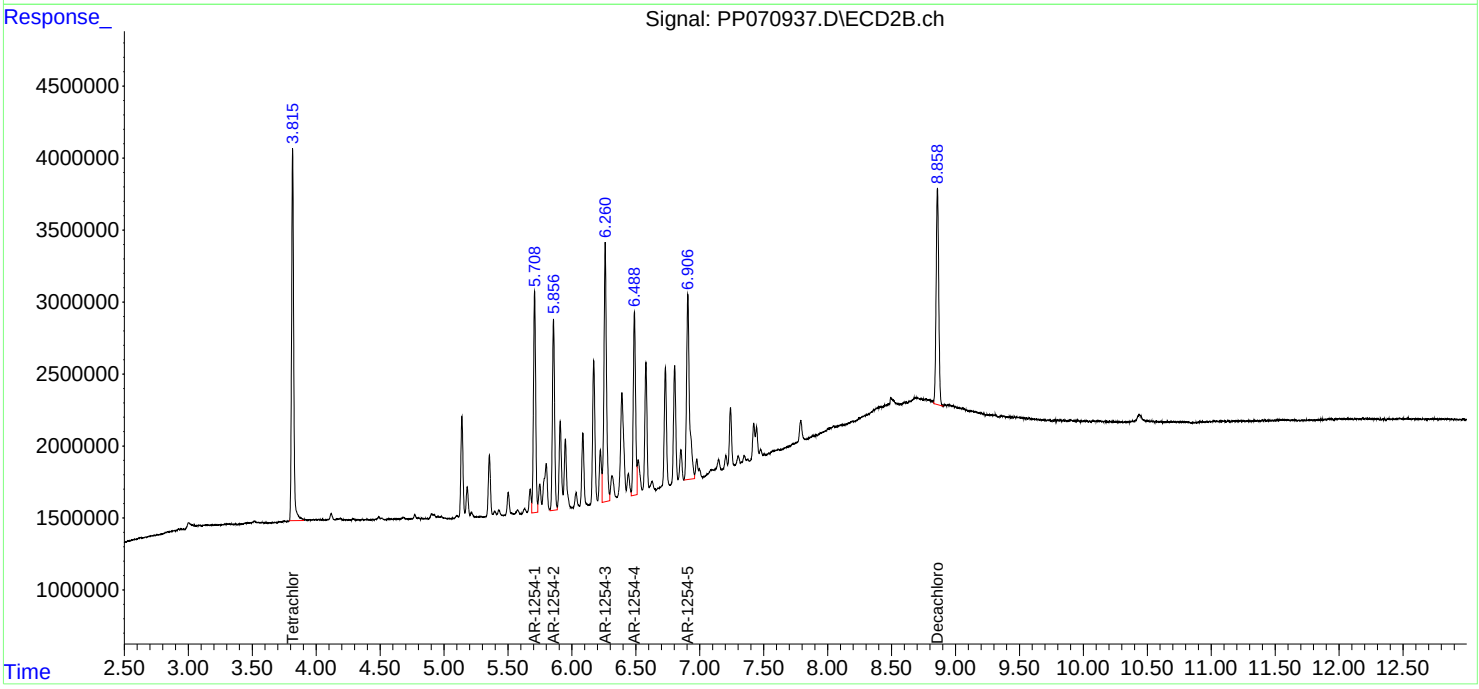
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070937.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 16:00
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

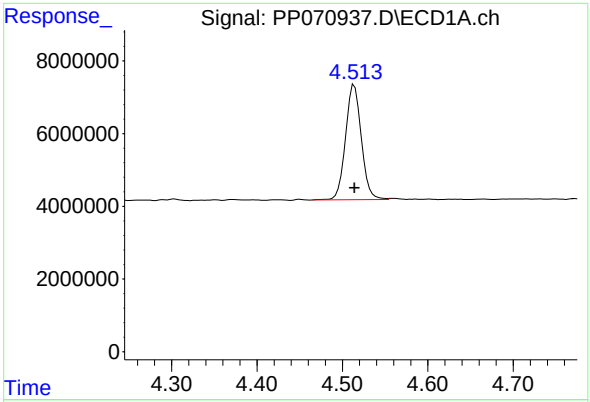
Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 16:20:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 16:07:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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



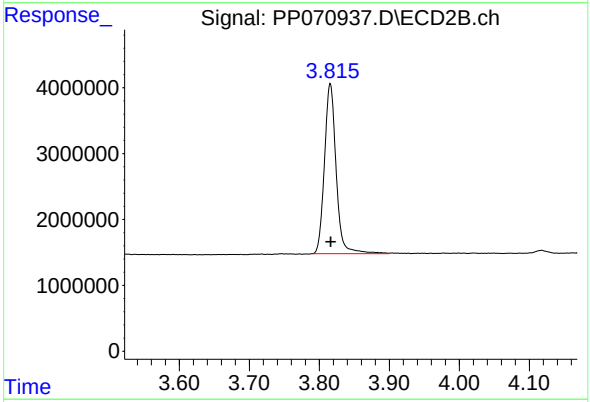




#1 Tetrachloro-m-xylene

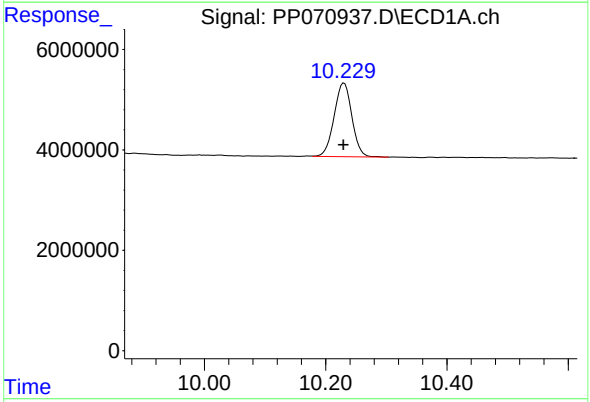
R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 40672603
Conc: 25.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



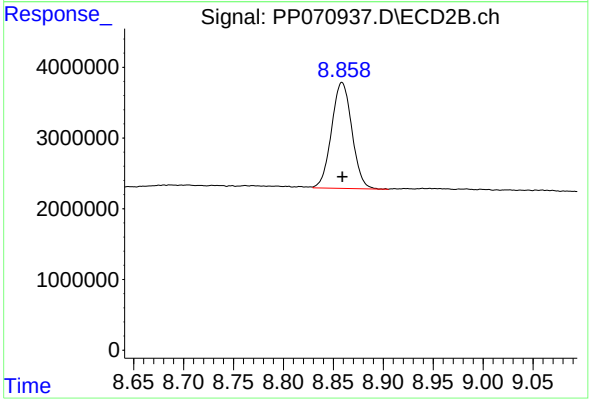
#1 Tetrachloro-m-xylene

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 29879101
Conc: 26.95 ng/ml



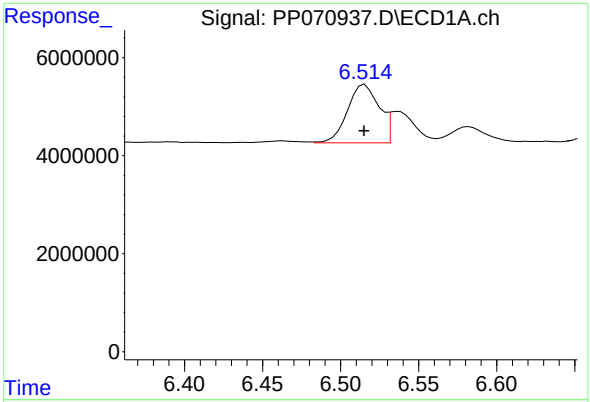
#2 Decachlorobiphenyl

R.T.: 10.230 min
Delta R.T.: 0.000 min
Response: 29858259
Conc: 25.55 ng/ml



#2 Decachlorobiphenyl

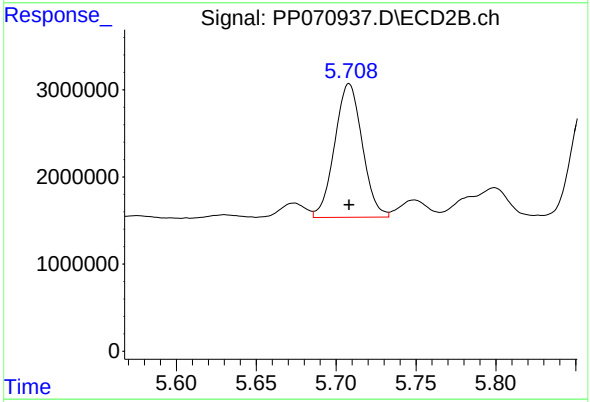
R.T.: 8.859 min
Delta R.T.: 0.000 min
Response: 21257096
Conc: 23.34 ng/ml



#26 AR-1254-1

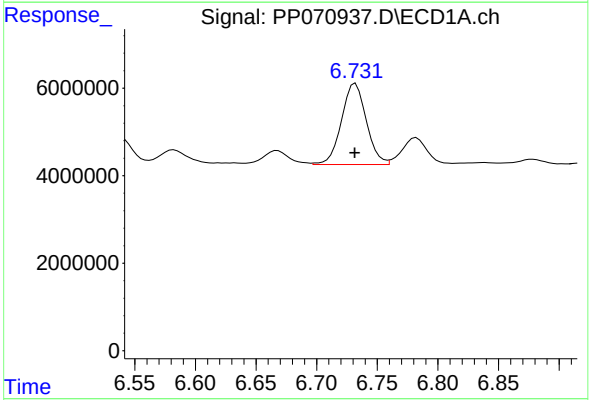
R.T.: 6.516 min
Delta R.T.: 0.000 min
Response: 16701604
Conc: 255.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



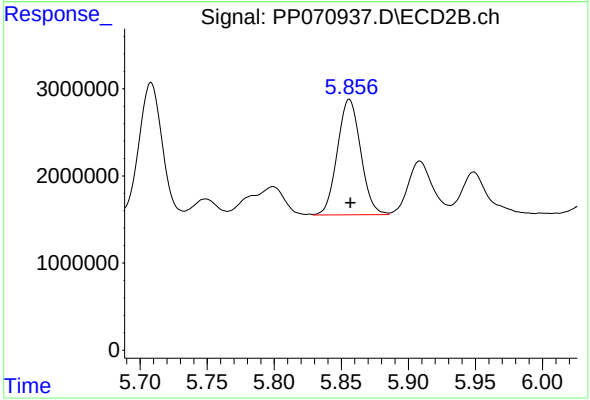
#26 AR-1254-1

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 18446961
Conc: 279.15 ng/ml



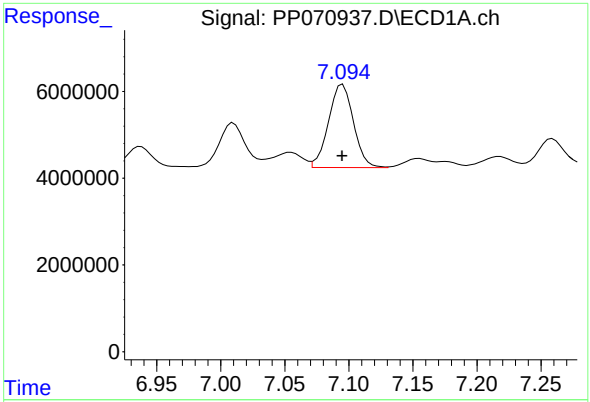
#27 AR-1254-2

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 26389026
Conc: 259.22 ng/ml



#27 AR-1254-2

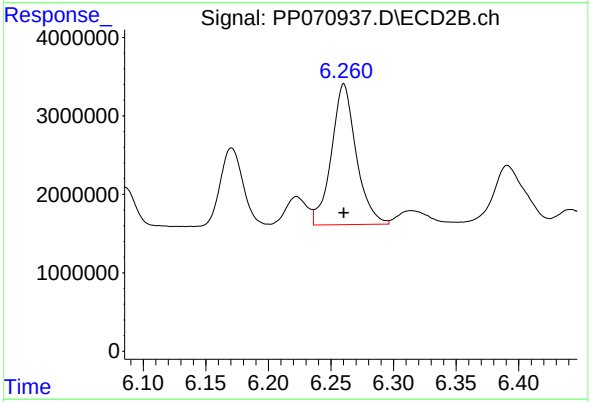
R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 16008677
Conc: 281.87 ng/ml



#28 AR-1254-3

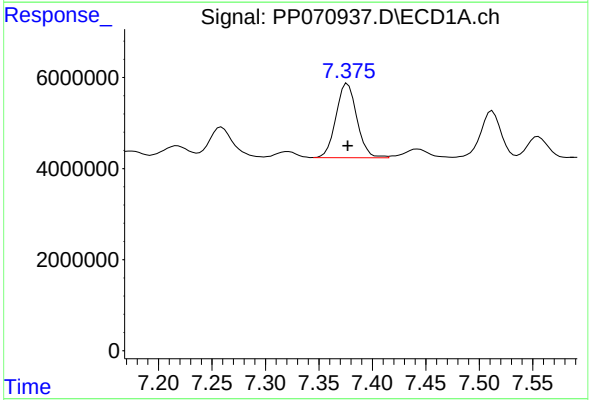
R.T.: 7.095 min
Delta R.T.: 0.000 min
Response: 25960285
Conc: 261.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



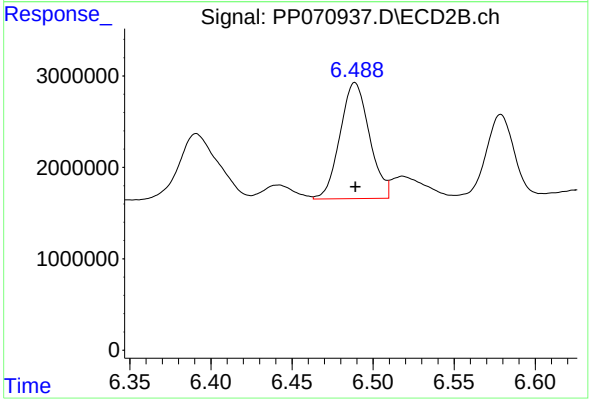
#28 AR-1254-3

R.T.: 6.260 min
Delta R.T.: 0.000 min
Response: 24772594
Conc: 282.26 ng/ml



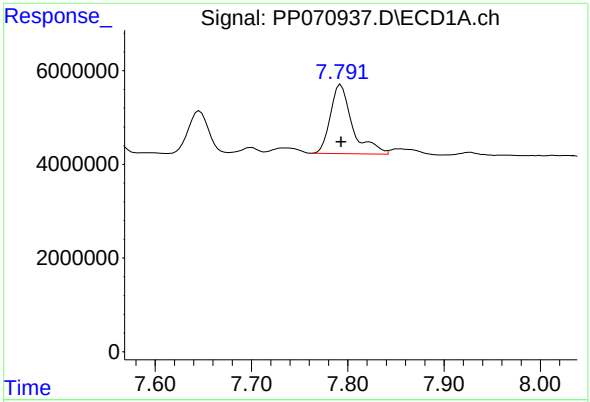
#29 AR-1254-4

R.T.: 7.377 min
Delta R.T.: 0.000 min
Response: 22197209
Conc: 255.72 ng/ml



#29 AR-1254-4

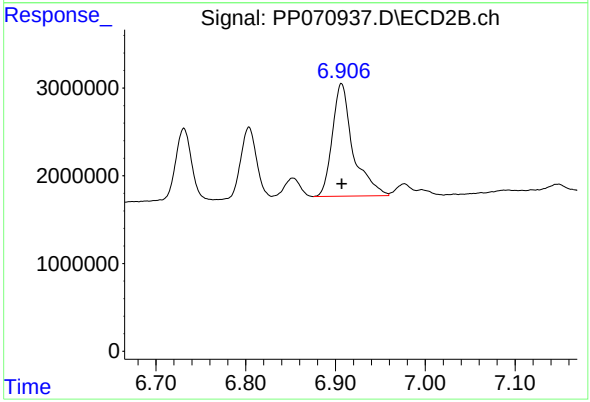
R.T.: 6.489 min
Delta R.T.: 0.000 min
Response: 16043587
Conc: 286.66 ng/ml



#30 AR-1254-5

R.T.: 7.793 min
Delta R.T.: 0.000 min
Response: 23415043
Conc: 289.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



#30 AR-1254-5

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 20606411
Conc: 286.89 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070940.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 16:48
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: Mar 27 17:58:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 17:56:10 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...	4.516	3.817	152.3E6	105.1E6	94.769	94.009
2)	SA Decachlor...	10.232	8.860	195.7E6	148.5E6	93.377	94.968
	Target Compounds						
41)	L9 AR-1268-1	8.730	7.729	226.6E6	165.2E6	945.404	945.364
42)	L9 AR-1268-2	8.824	7.795	190.4E6	137.8E6	950.797	945.407
43)	L9 AR-1268-3	9.056	8.001	163.6E6	120.1E6	940.749	965.766
44)	L9 AR-1268-4	9.474	8.295	70377008	51096977	960.945	957.859
45)	L9 AR-1268-5	9.891	8.596	459.6E6	357.1E6	952.414	962.556

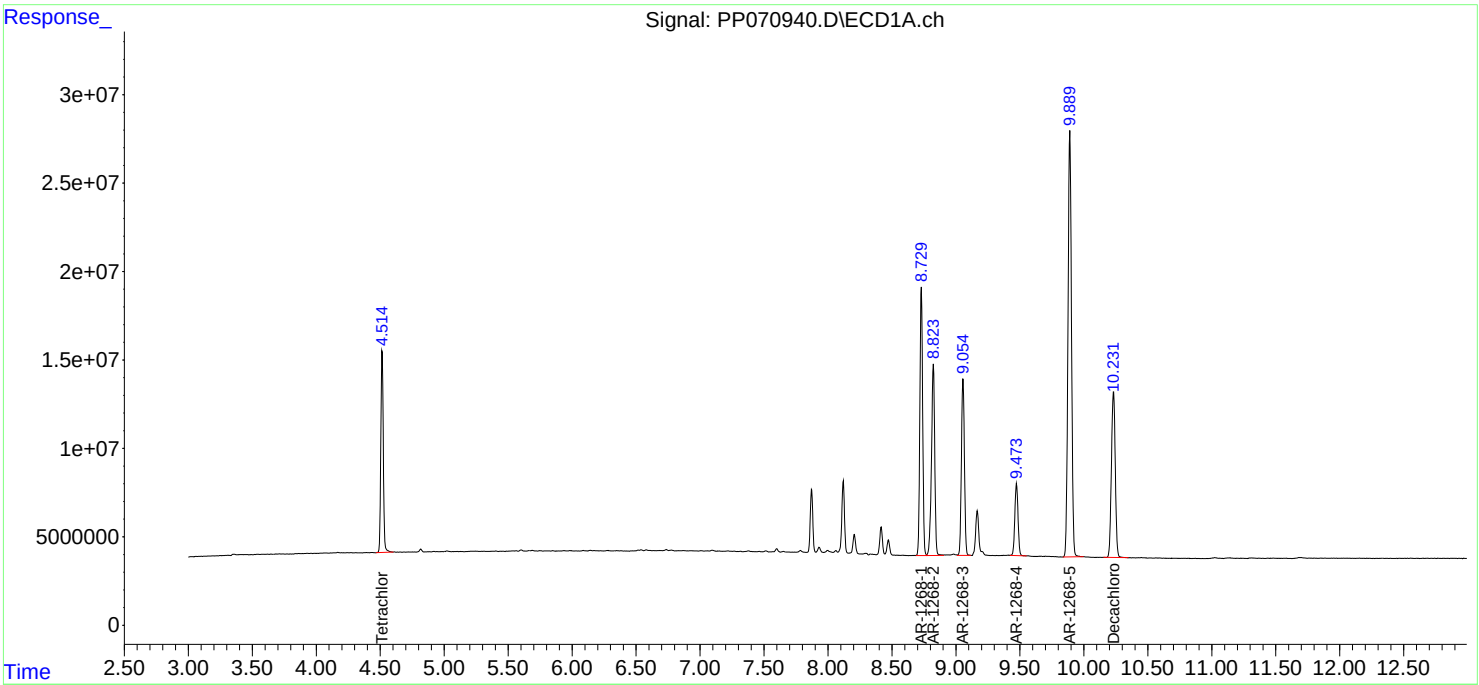
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

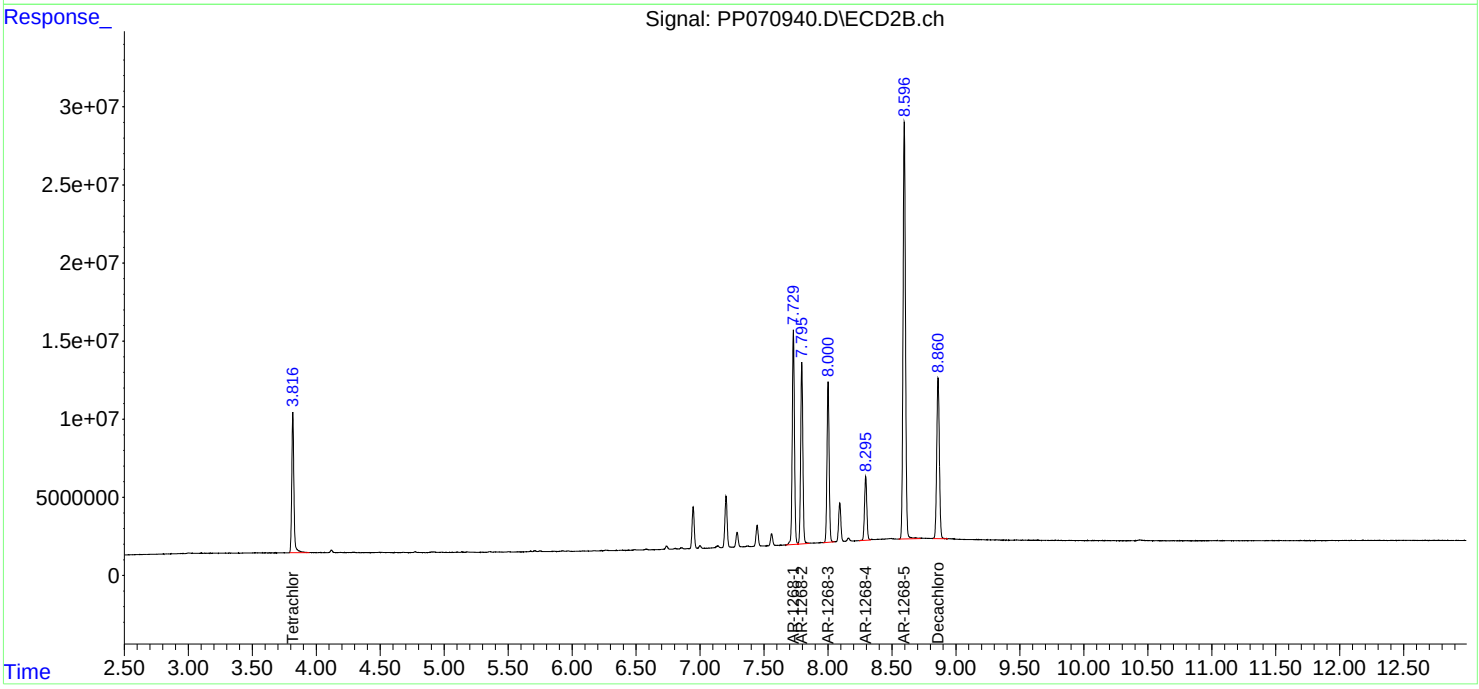
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070940.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 16:48
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

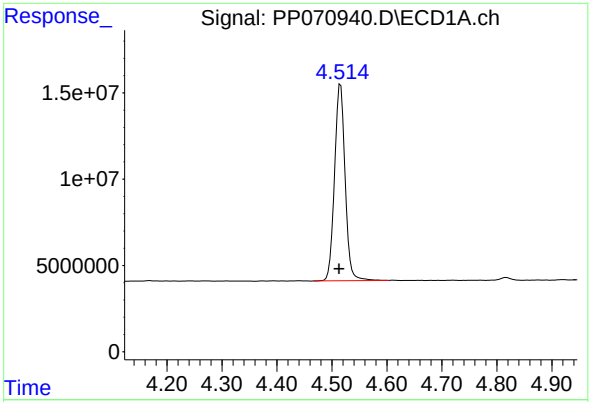
Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 17:58:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 17:56:10 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



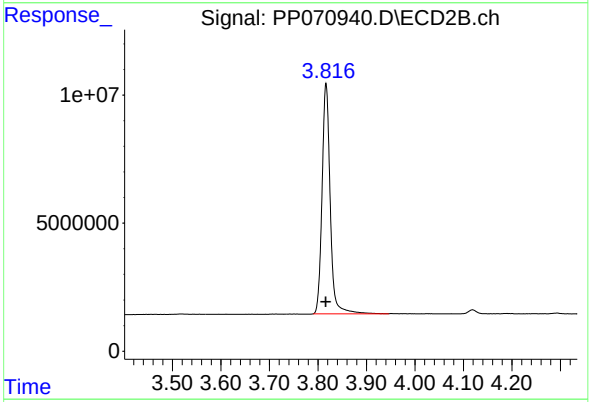




#1 Tetrachloro-m-xylene

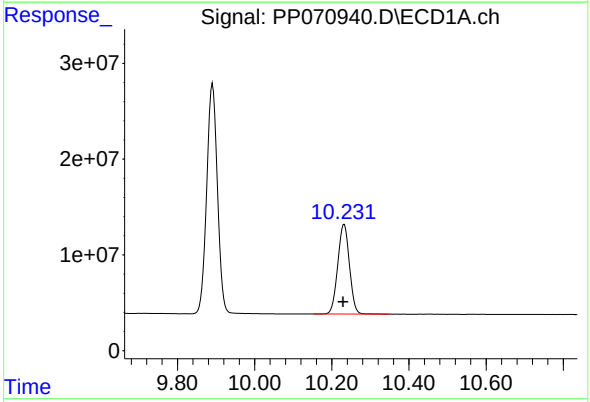
R.T.: 4.516 min
Delta R.T.: 0.003 min
Response: 152348529
Conc: 94.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



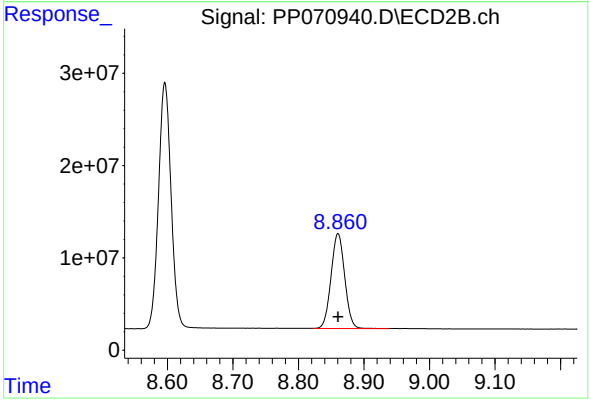
#1 Tetrachloro-m-xylene

R.T.: 3.817 min
Delta R.T.: 0.000 min
Response: 105128984
Conc: 94.01 ng/ml



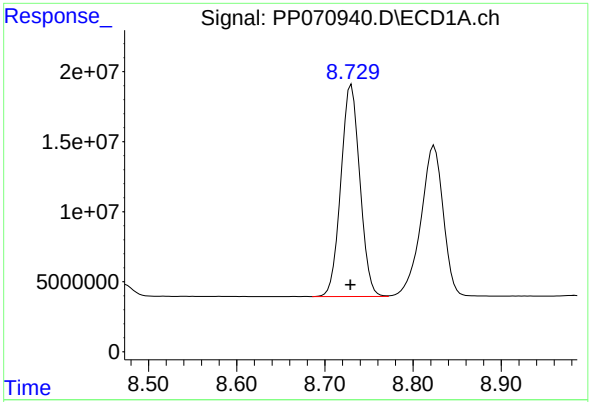
#2 Decachlorobiphenyl

R.T.: 10.232 min
Delta R.T.: 0.003 min
Response: 195698435
Conc: 93.38 ng/ml



#2 Decachlorobiphenyl

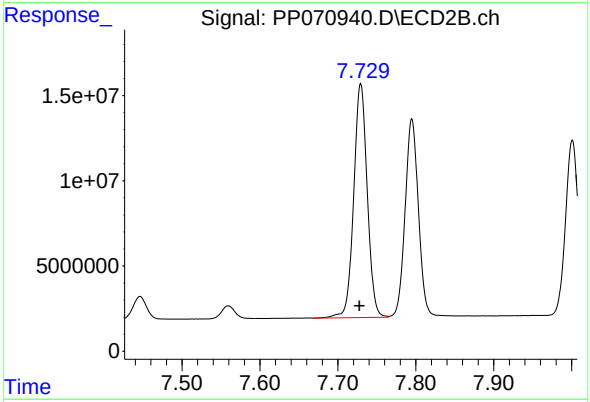
R.T.: 8.860 min
Delta R.T.: 0.000 min
Response: 148482089
Conc: 94.97 ng/ml



#41 AR-1268-1

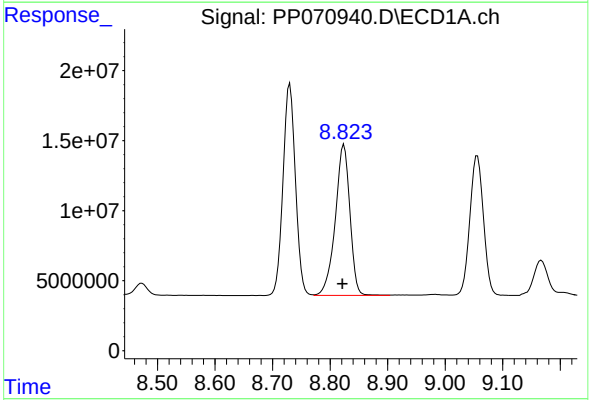
R.T.: 8.730 min
Delta R.T.: 0.001 min
Response: 226575551
Conc: 945.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



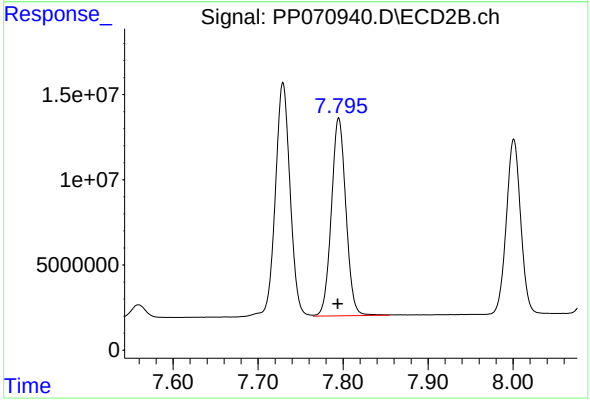
#41 AR-1268-1

R.T.: 7.729 min
Delta R.T.: 0.002 min
Response: 165156091
Conc: 945.36 ng/ml



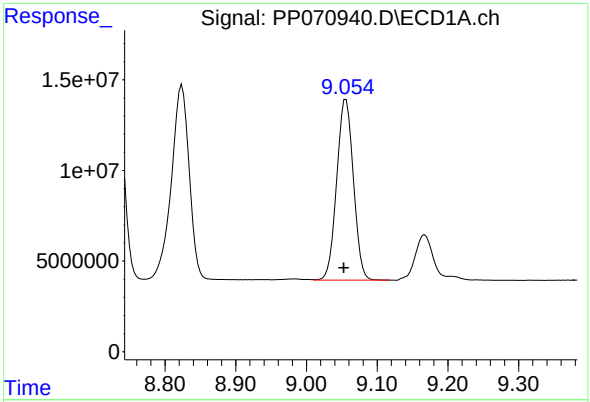
#42 AR-1268-2

R.T.: 8.824 min
Delta R.T.: 0.003 min
Response: 190380276
Conc: 950.80 ng/ml



#42 AR-1268-2

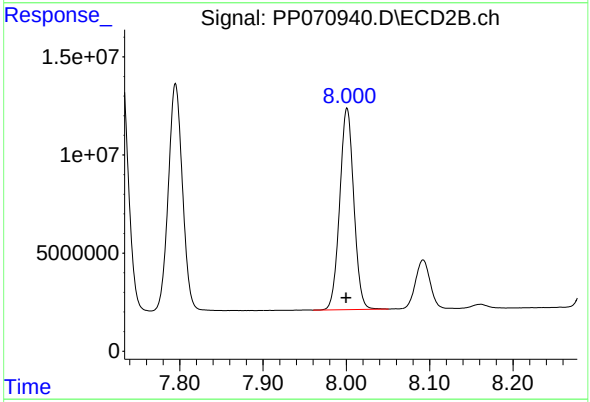
R.T.: 7.795 min
Delta R.T.: 0.001 min
Response: 137801505
Conc: 945.41 ng/ml



#43 AR-1268-3

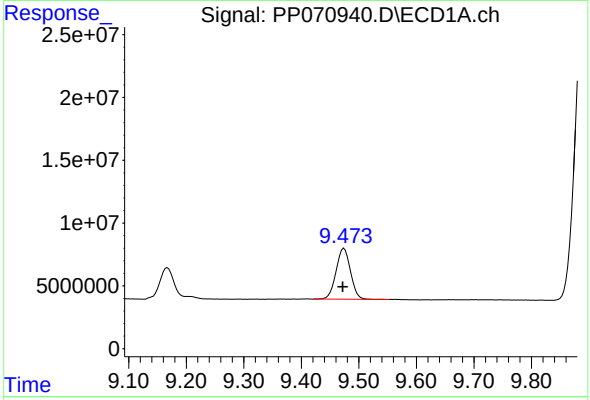
R.T.: 9.056 min
Delta R.T.: 0.003 min
Response: 163648333
Conc: 940.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



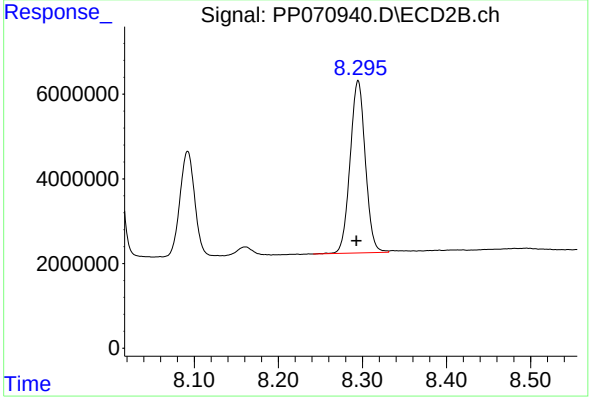
#43 AR-1268-3

R.T.: 8.001 min
Delta R.T.: 0.001 min
Response: 120132746
Conc: 965.77 ng/ml



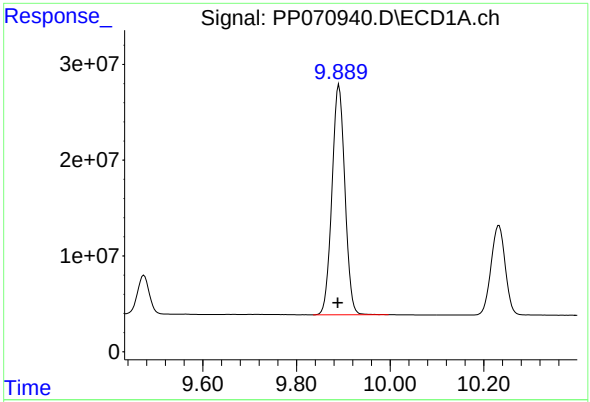
#44 AR-1268-4

R.T.: 9.474 min
Delta R.T.: 0.002 min
Response: 70377008
Conc: 960.95 ng/ml



#44 AR-1268-4

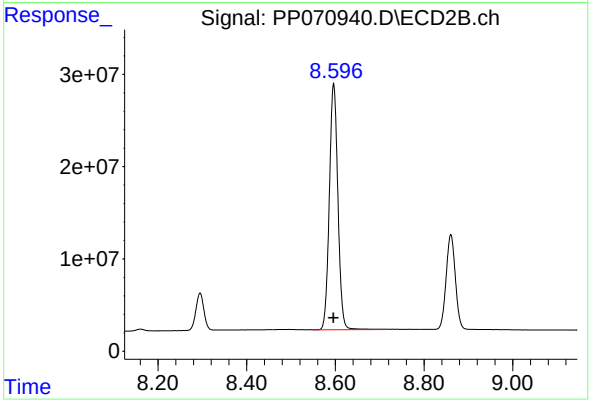
R.T.: 8.295 min
Delta R.T.: 0.002 min
Response: 51096977
Conc: 957.86 ng/ml



#45 AR-1268-5

R.T.: 9.891 min
Delta R.T.: 0.003 min
Response: 459553484
Conc: 952.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



#45 AR-1268-5

R.T.: 8.596 min
Delta R.T.: 0.000 min
Response: 357060145
Conc: 962.56 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070941.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 17:05
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: Mar 27 17:58:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 17:56:10 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...	4.514	3.817	119.6E6	83914927	74.397	75.039
2)	SA Decachlor...	10.230	8.861	154.1E6	118.4E6	73.551	75.751
	Target Compounds						
41)	L9 AR-1268-1	8.730	7.729	178.4E6	132.1E6	744.578	755.945
42)	L9 AR-1268-2	8.823	7.795	149.2E6	110.8E6	745.140	760.189
43)	L9 AR-1268-3	9.055	8.000	128.8E6	95630424	740.439	768.788
44)	L9 AR-1268-4	9.473	8.294	55249435	40878954	754.389	766.313
45)	L9 AR-1268-5	9.890	8.596	361.2E6	282.2E6	748.577	760.668

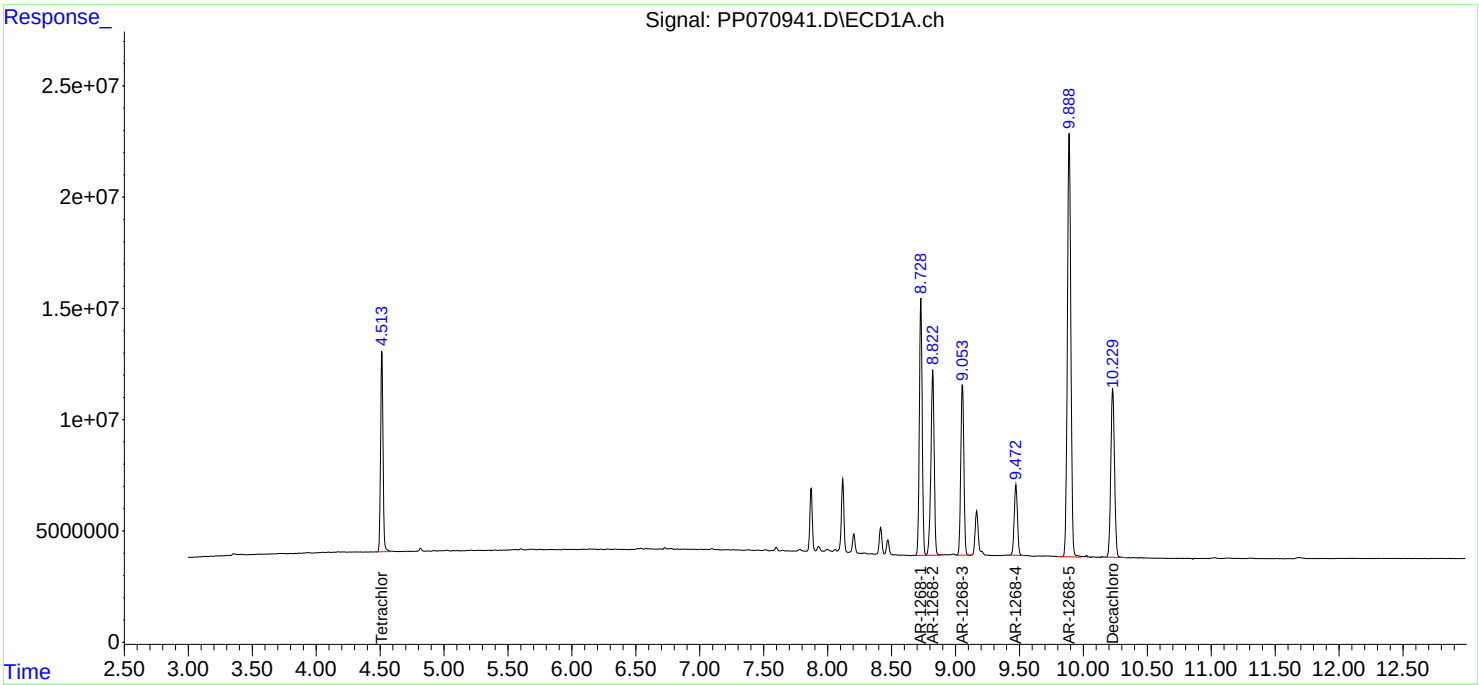
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

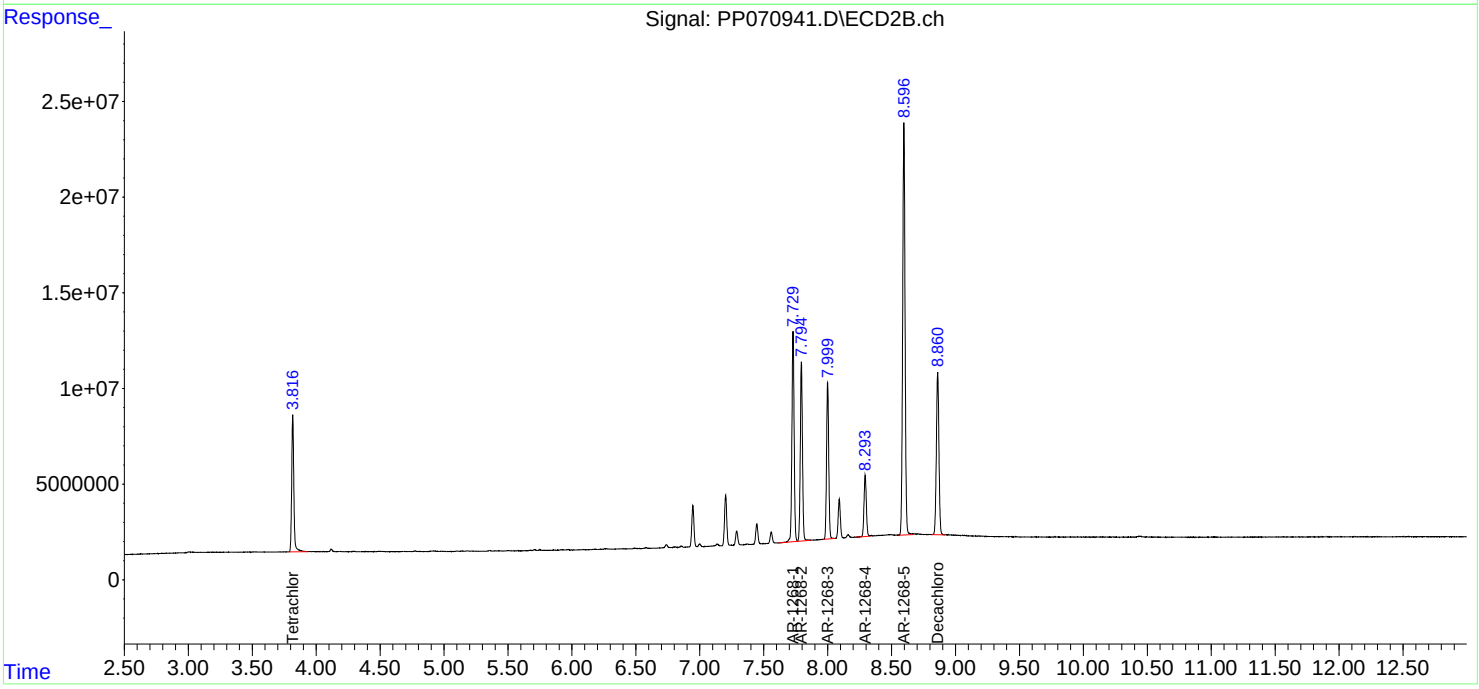
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070941.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 17:05
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

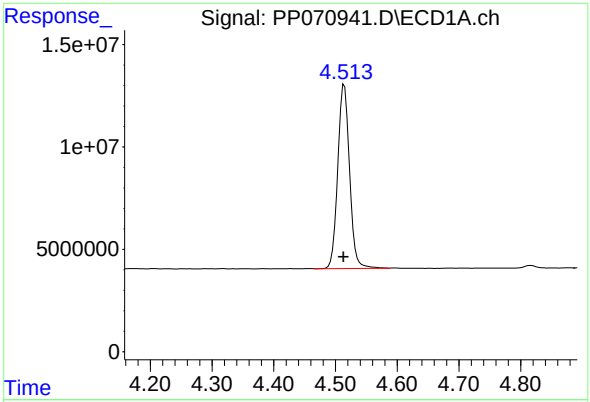
Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 17:58:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 17:56:10 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



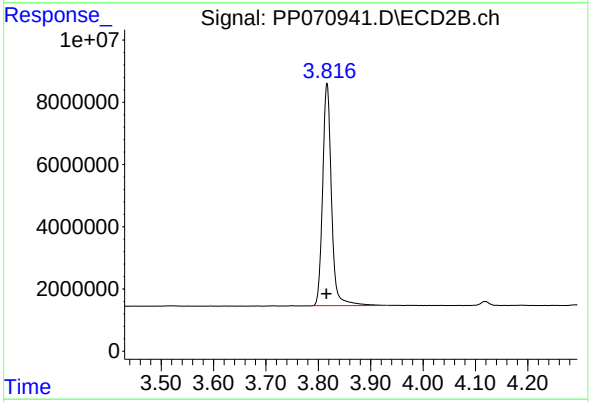




#1 Tetrachloro-m-xylene

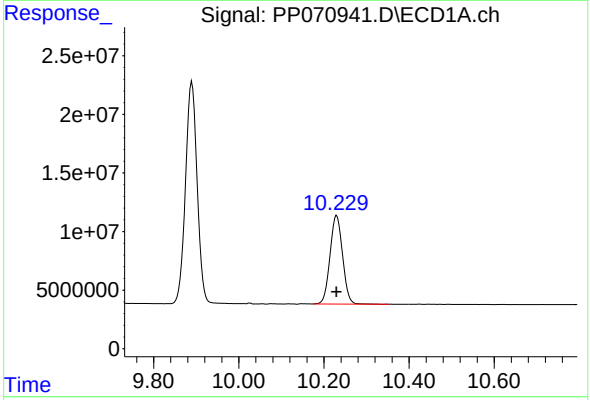
R.T.: 4.514 min
Delta R.T.: 0.001 min
Response: 119597931
Conc: 74.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



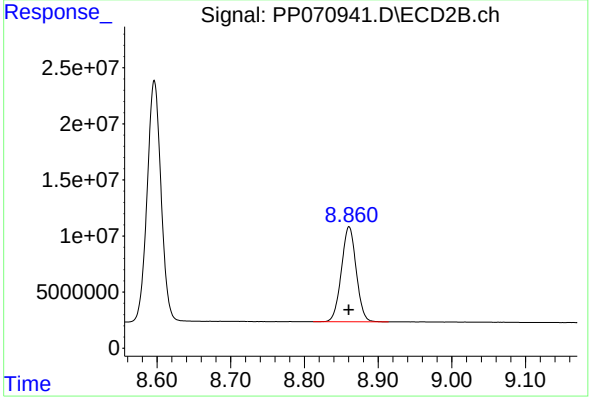
#1 Tetrachloro-m-xylene

R.T.: 3.817 min
Delta R.T.: 0.000 min
Response: 83914927
Conc: 75.04 ng/ml



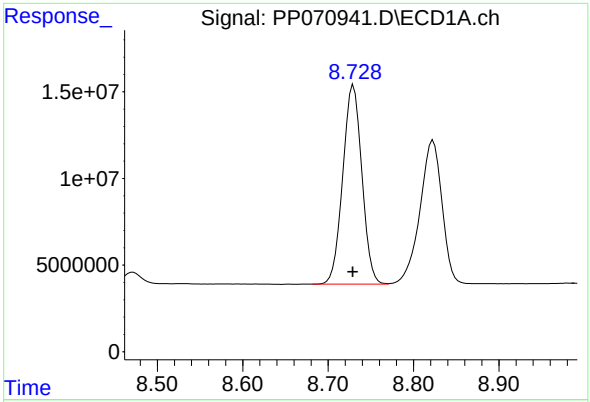
#2 Decachlorobiphenyl

R.T.: 10.230 min
Delta R.T.: 0.000 min
Response: 154146813
Conc: 73.55 ng/ml



#2 Decachlorobiphenyl

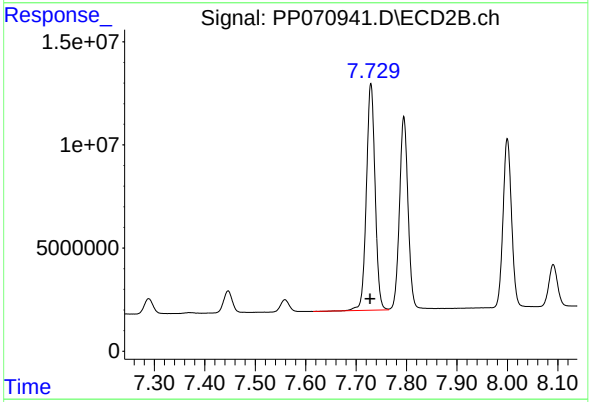
R.T.: 8.861 min
Delta R.T.: 0.000 min
Response: 118436920
Conc: 75.75 ng/ml



#41 AR-1268-1

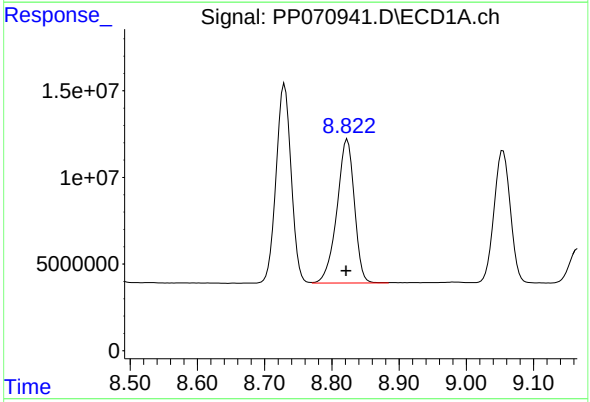
R.T.: 8.730 min
Delta R.T.: 0.001 min
Response: 178445590
Conc: 744.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



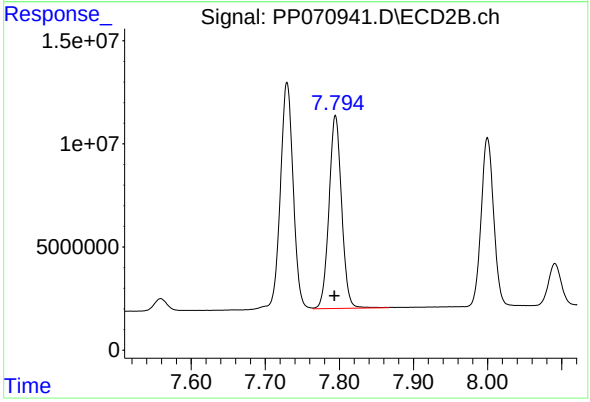
#41 AR-1268-1

R.T.: 7.729 min
Delta R.T.: 0.002 min
Response: 132064453
Conc: 755.95 ng/ml



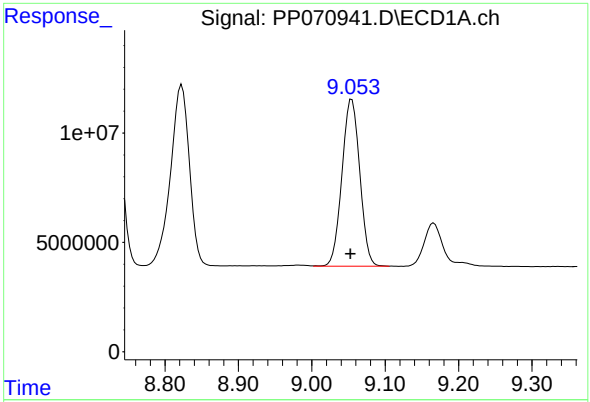
#42 AR-1268-2

R.T.: 8.823 min
Delta R.T.: 0.002 min
Response: 149201176
Conc: 745.14 ng/ml



#42 AR-1268-2

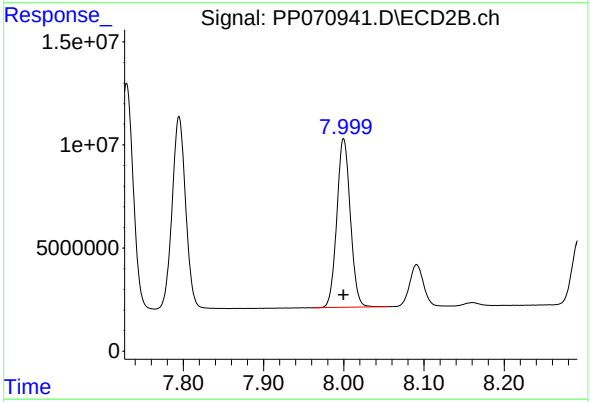
R.T.: 7.795 min
Delta R.T.: 0.001 min
Response: 110804324
Conc: 760.19 ng/ml



#43 AR-1268-3

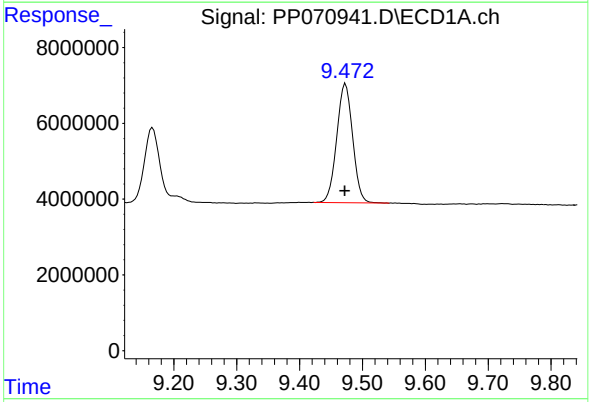
R.T.: 9.055 min
Delta R.T.: 0.002 min
Response: 128803338
Conc: 740.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



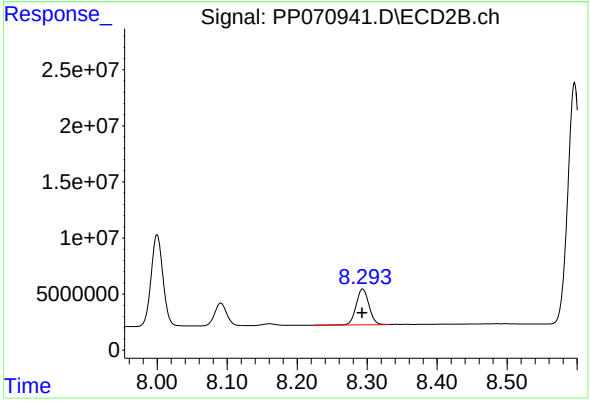
#43 AR-1268-3

R.T.: 8.000 min
Delta R.T.: 0.000 min
Response: 95630424
Conc: 768.79 ng/ml



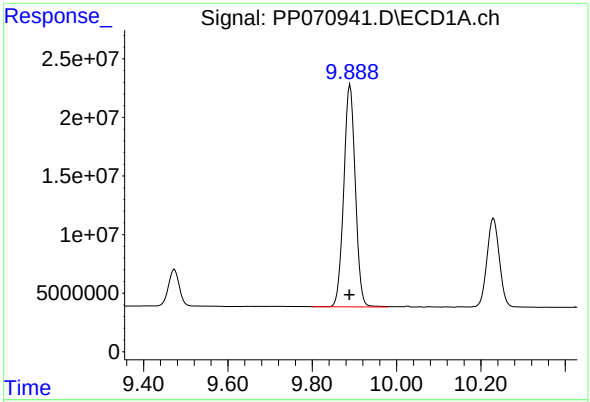
#44 AR-1268-4

R.T.: 9.473 min
Delta R.T.: 0.001 min
Response: 55249435
Conc: 754.39 ng/ml



#44 AR-1268-4

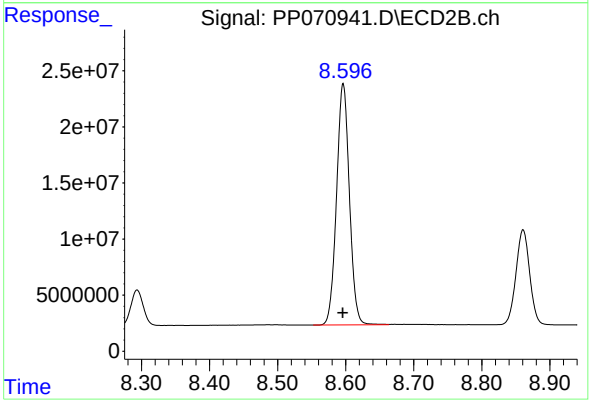
R.T.: 8.294 min
Delta R.T.: 0.000 min
Response: 40878954
Conc: 766.31 ng/ml



#45 AR-1268-5

R.T.: 9.890 min
Delta R.T.: 0.002 min
Response: 361198889
Conc: 748.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



#45 AR-1268-5

R.T.: 8.596 min
Delta R.T.: 0.000 min
Response: 282169730
Conc: 760.67 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070942.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 17:21
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: Mar 27 17:58:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 17:56:10 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...	4.513	3.816	80378727	55914176	50.000	50.000
2)	SA Decachlor...	10.230	8.860	104.8E6	78175161	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	8.729	7.728	119.8E6	87398242	500.000	500.273
42)	L9 AR-1268-2	8.821	7.793	100.1E6	72879434	500.000	500.000
43)	L9 AR-1268-3	9.053	8.000	86977678	62195601	500.000	500.000
44)	L9 AR-1268-4	9.472	8.293	36618642	26672497	500.000	500.000
45)	L9 AR-1268-5	9.888	8.596	241.3E6	185.5E6	500.000	500.000

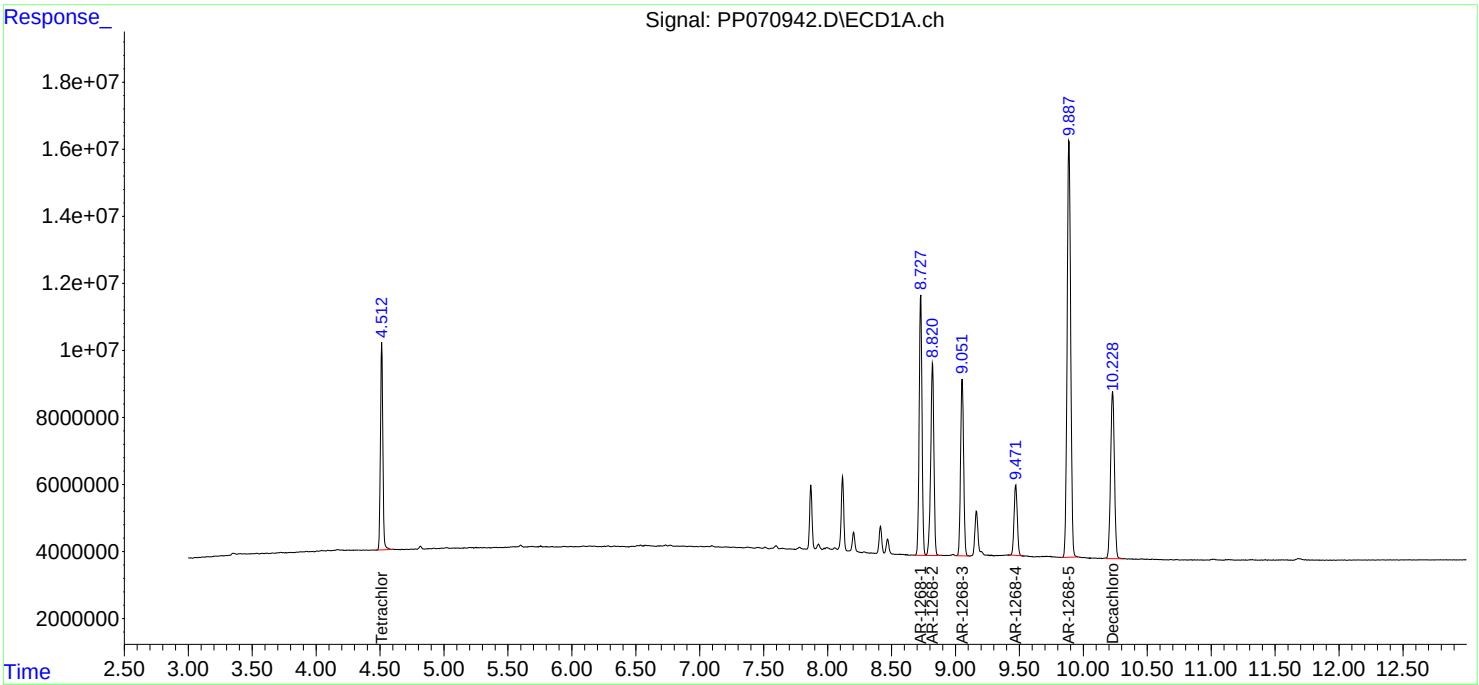
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

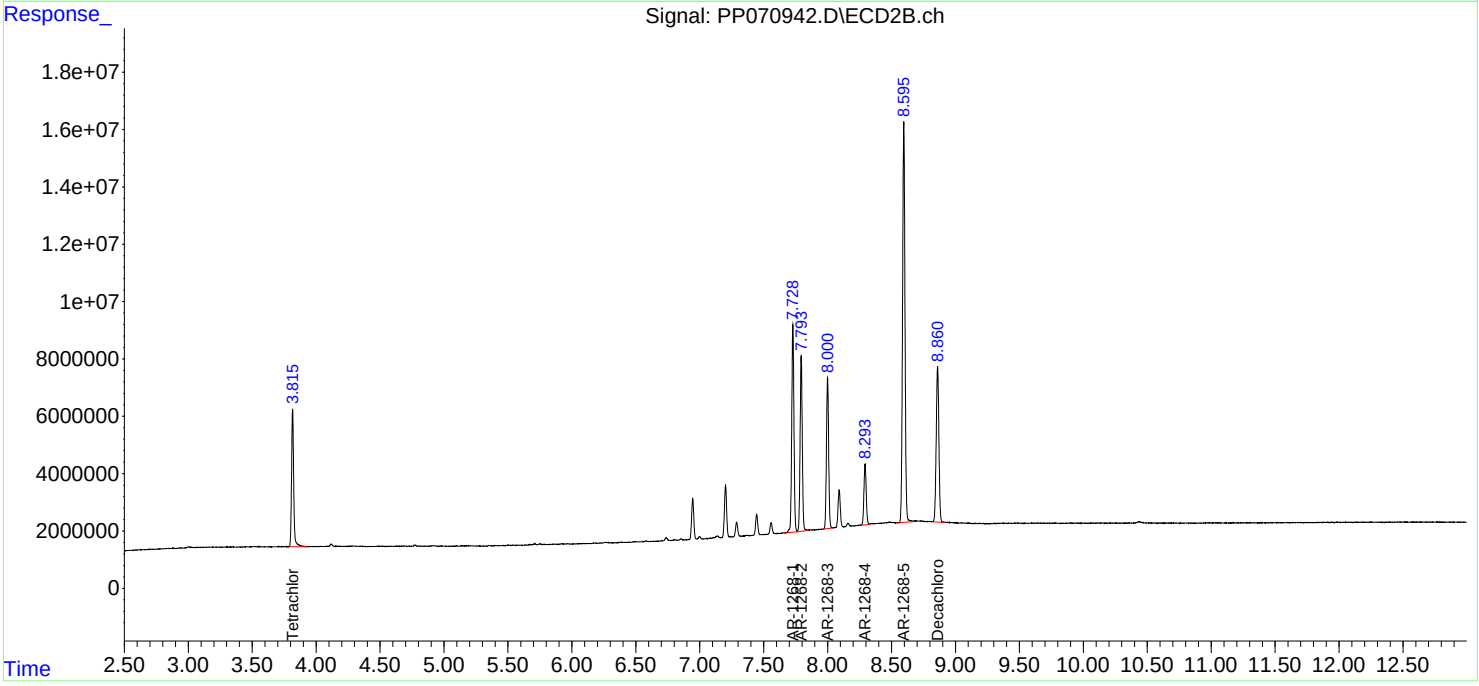
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070942.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 17:21
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

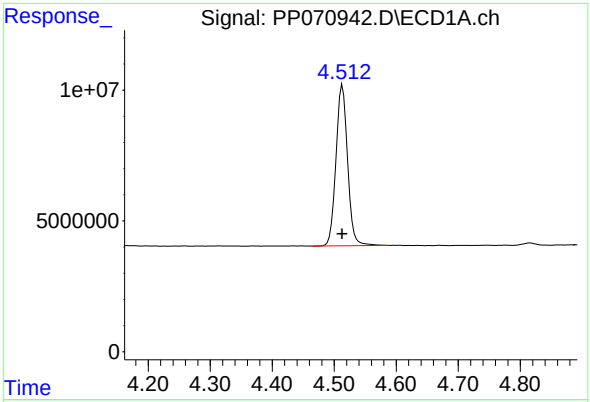
Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 17:58:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 17:56:10 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



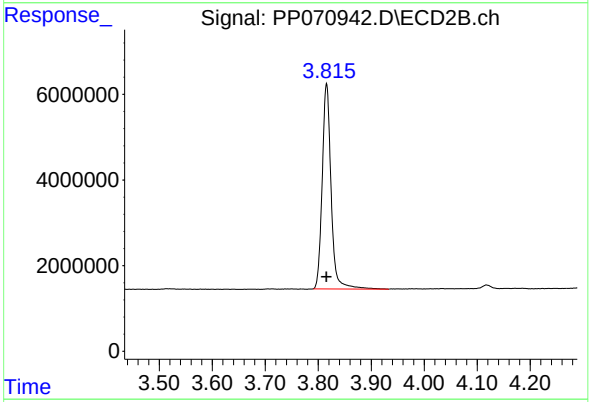




#1 Tetrachloro-m-xylene

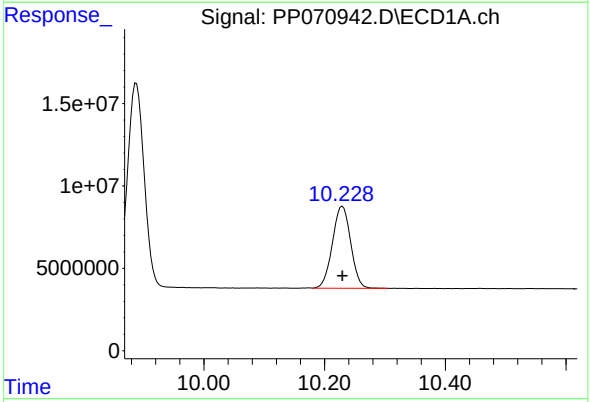
R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 80378727
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



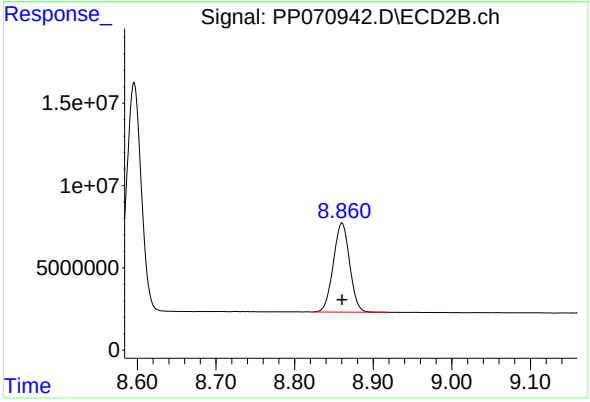
#1 Tetrachloro-m-xylene

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 55914176
Conc: 50.00 ng/ml



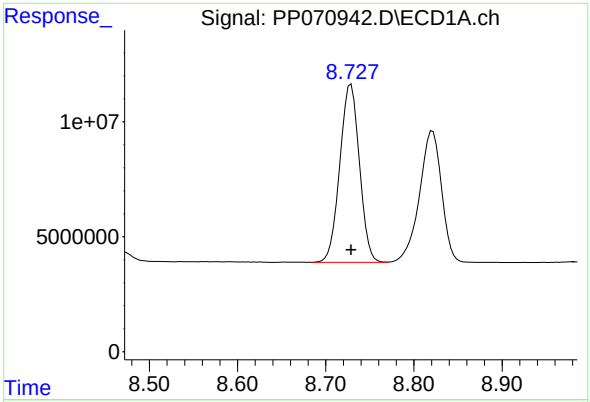
#2 Decachlorobiphenyl

R.T.: 10.230 min
Delta R.T.: 0.000 min
Response: 104789095
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

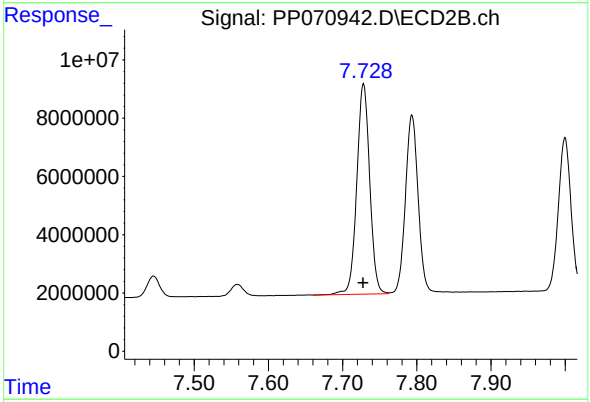
R.T.: 8.860 min
Delta R.T.: 0.000 min
Response: 78175161
Conc: 50.00 ng/ml



#41 AR-1268-1

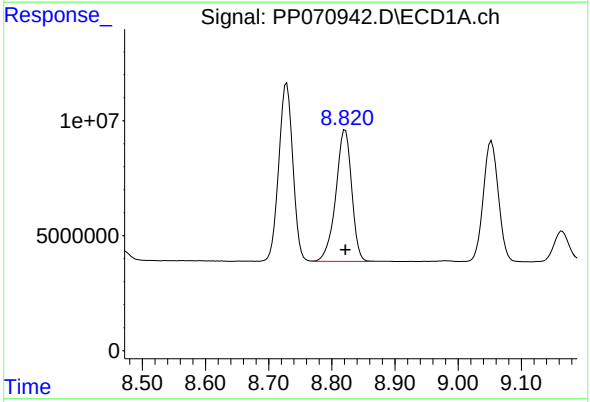
R.T.: 8.729 min
Delta R.T.: 0.000 min
Response: 119830016
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



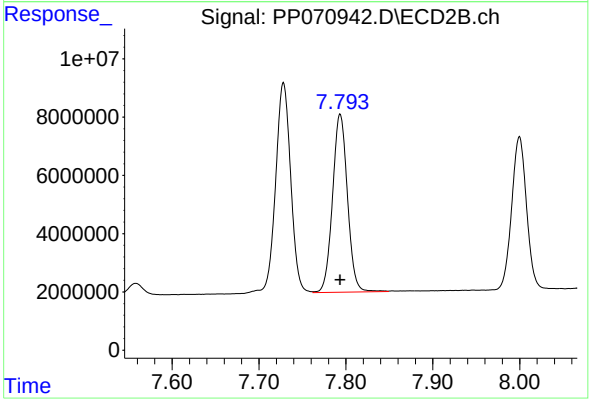
#41 AR-1268-1

R.T.: 7.728 min
Delta R.T.: 0.000 min
Response: 87398242
Conc: 500.27 ng/ml



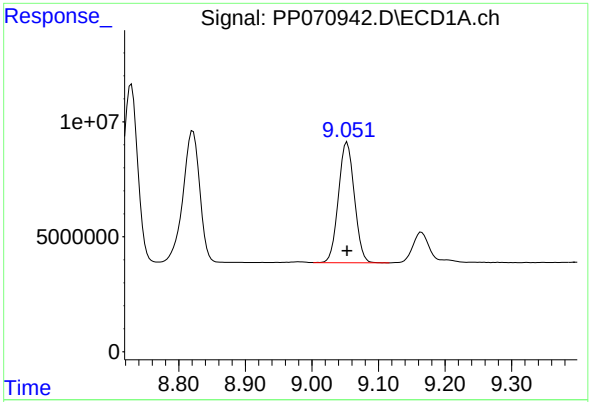
#42 AR-1268-2

R.T.: 8.821 min
Delta R.T.: 0.000 min
Response: 100116173
Conc: 500.00 ng/ml



#42 AR-1268-2

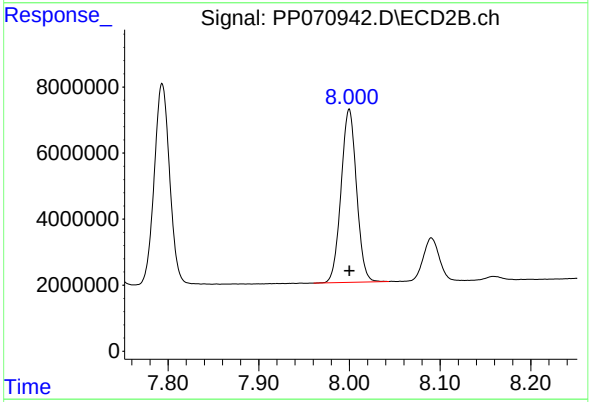
R.T.: 7.793 min
Delta R.T.: 0.000 min
Response: 72879434
Conc: 500.00 ng/ml



#43 AR-1268-3

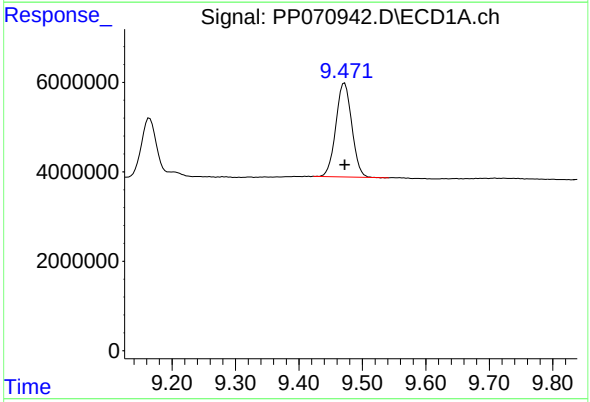
R.T.: 9.053 min
Delta R.T.: 0.000 min
Response: 86977678
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



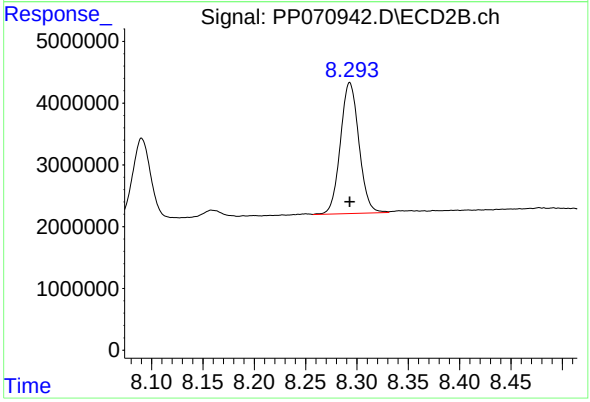
#43 AR-1268-3

R.T.: 8.000 min
Delta R.T.: 0.000 min
Response: 62195601
Conc: 500.00 ng/ml



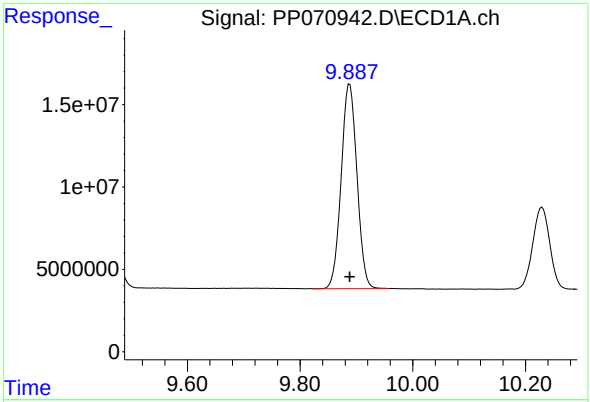
#44 AR-1268-4

R.T.: 9.472 min
Delta R.T.: 0.000 min
Response: 36618642
Conc: 500.00 ng/ml



#44 AR-1268-4

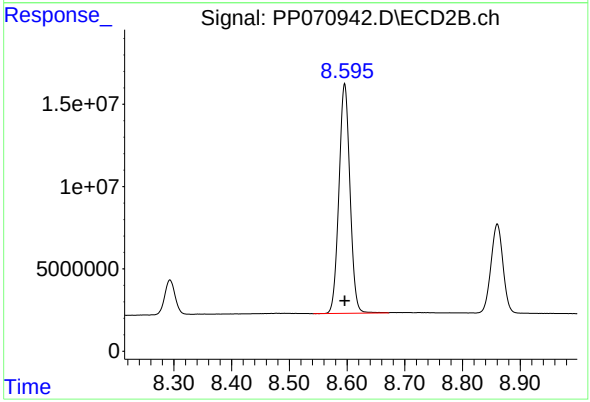
R.T.: 8.293 min
Delta R.T.: 0.000 min
Response: 26672497
Conc: 500.00 ng/ml



#45 AR-1268-5

R.T.: 9.888 min
Delta R.T.: 0.000 min
Response: 241257148
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



#45 AR-1268-5

R.T.: 8.596 min
Delta R.T.: 0.000 min
Response: 185474929
Conc: 500.00 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070943.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 17:37
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: Mar 27 17:58:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 17:56:10 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...	4.515	3.817	41125313	29588552	25.582	26.459
2)	SA Decachlor...	10.232	8.859	54285349	40518249	25.902	25.915
	Target Compounds						
41)	L9 AR-1268-1	8.730	7.729	61973048	44387893	258.587	254.079
42)	L9 AR-1268-2	8.824	7.794	51237231	36694564	255.889	251.748
43)	L9 AR-1268-3	9.055	8.000	44311644	31811936	254.730	255.741
44)	L9 AR-1268-4	9.473	8.295	18700738	13922493	255.345	260.990
45)	L9 AR-1268-5	9.890	8.596	124.6E6	91636186	258.260	247.031

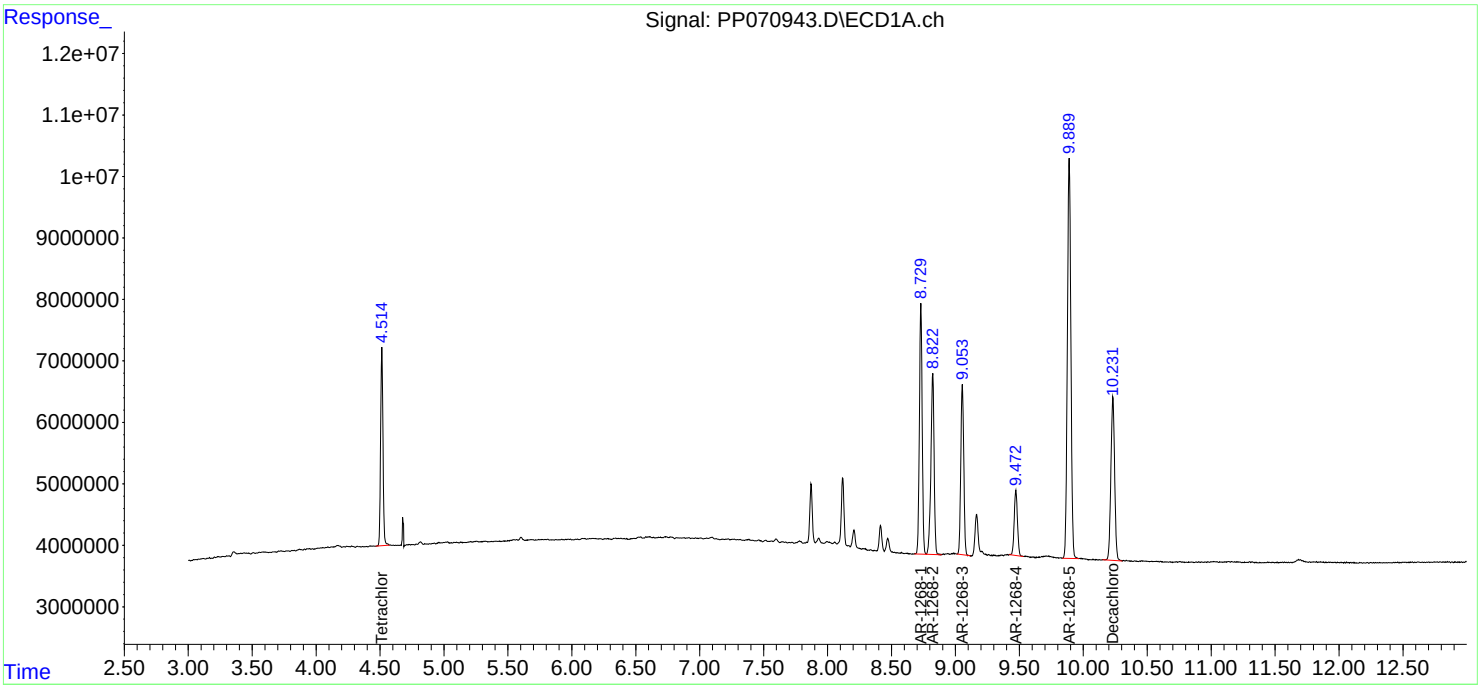
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

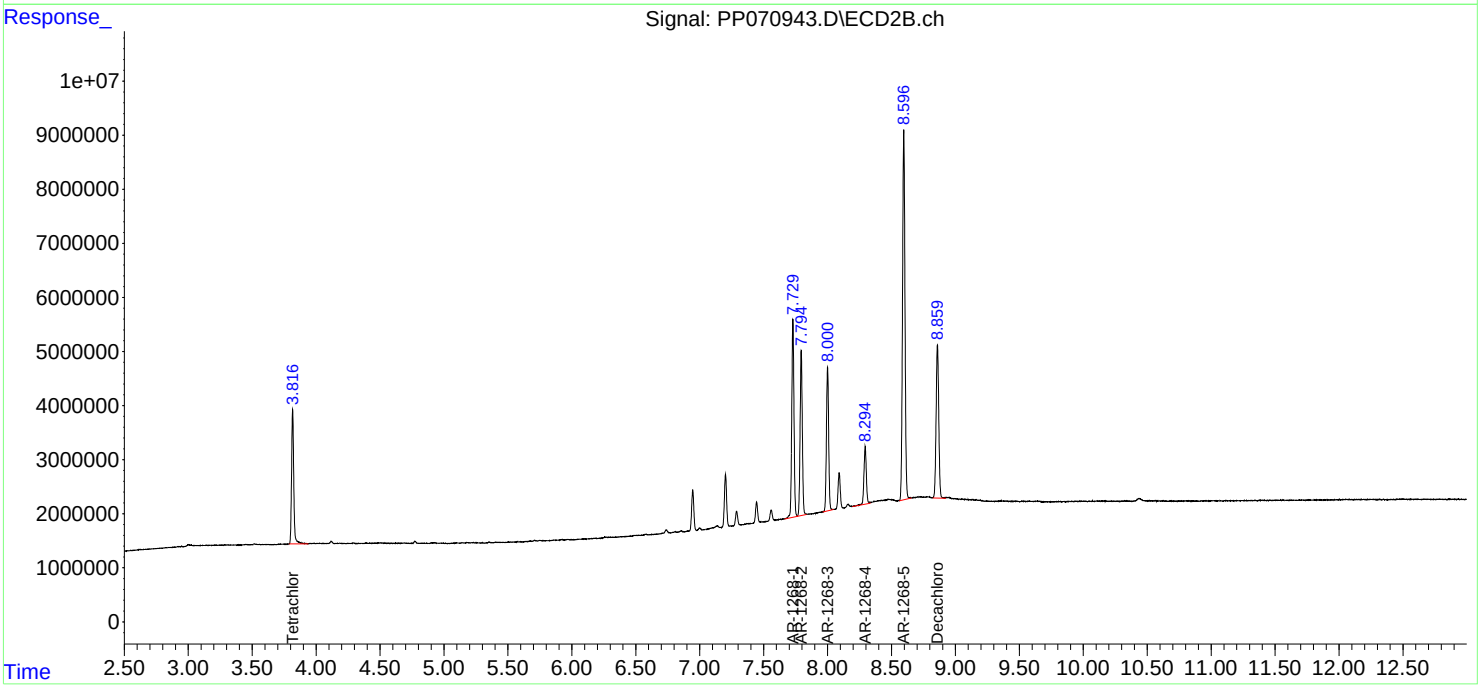
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070943.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 17:37
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

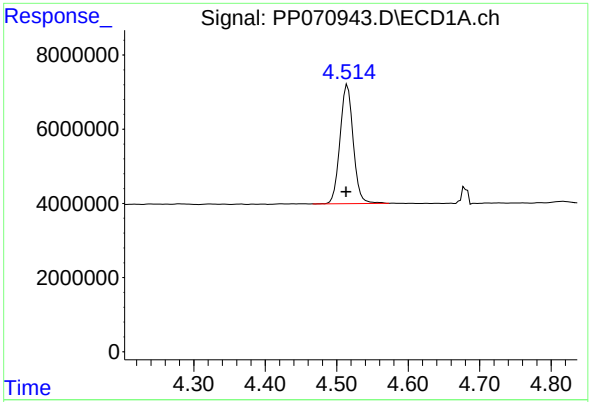
Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 17:58:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 17:56:10 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



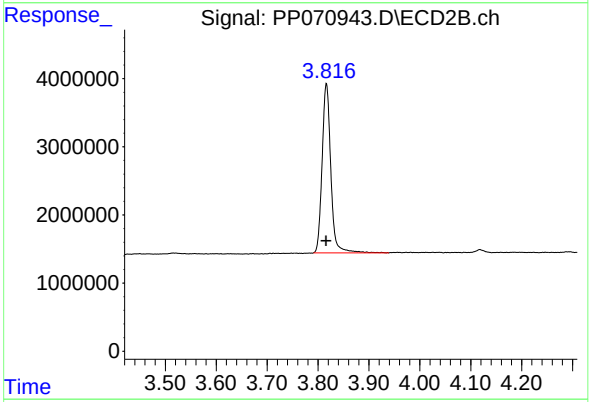




#1 Tetrachloro-m-xylene

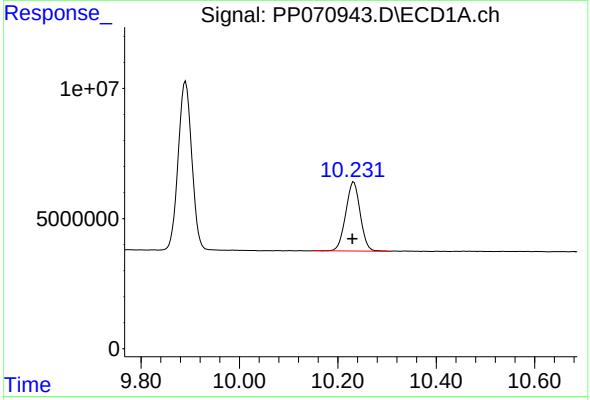
R.T.: 4.515 min
Delta R.T.: 0.002 min
Response: 41125313
Conc: 25.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



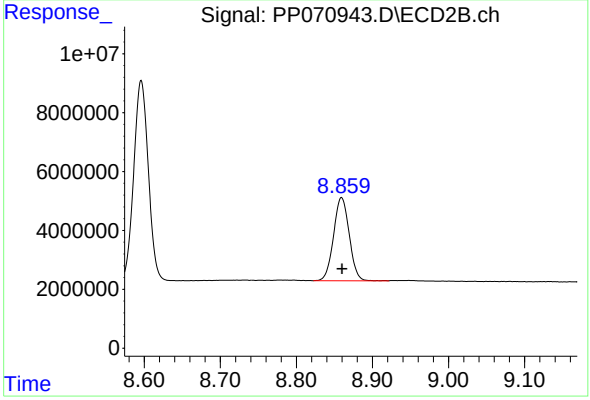
#1 Tetrachloro-m-xylene

R.T.: 3.817 min
Delta R.T.: 0.000 min
Response: 29588552
Conc: 26.46 ng/ml



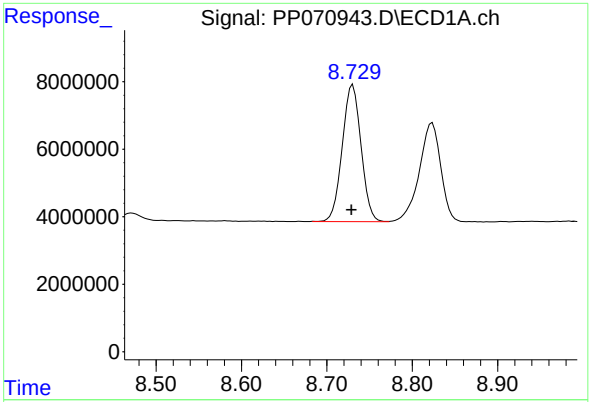
#2 Decachlorobiphenyl

R.T.: 10.232 min
Delta R.T.: 0.003 min
Response: 54285349
Conc: 25.90 ng/ml



#2 Decachlorobiphenyl

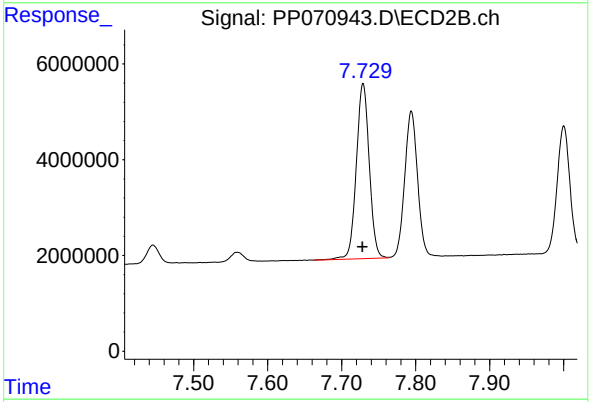
R.T.: 8.859 min
Delta R.T.: 0.000 min
Response: 40518249
Conc: 25.92 ng/ml



#41 AR-1268-1

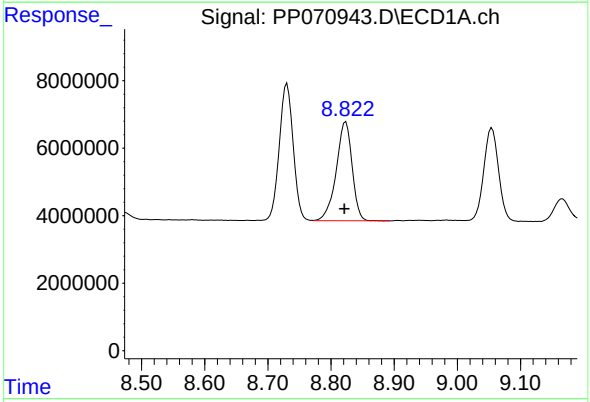
R.T.: 8.730 min
Delta R.T.: 0.002 min
Response: 61973048
Conc: 258.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



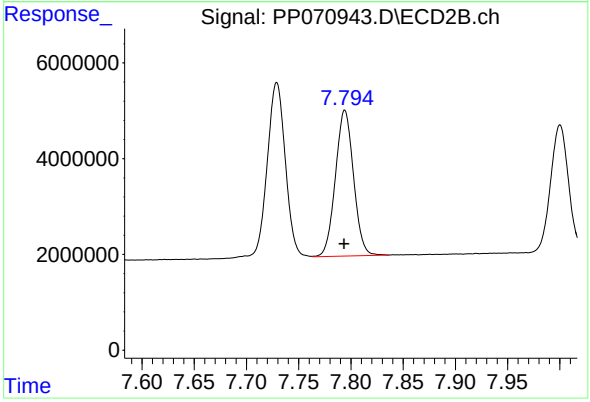
#41 AR-1268-1

R.T.: 7.729 min
Delta R.T.: 0.001 min
Response: 44387893
Conc: 254.08 ng/ml



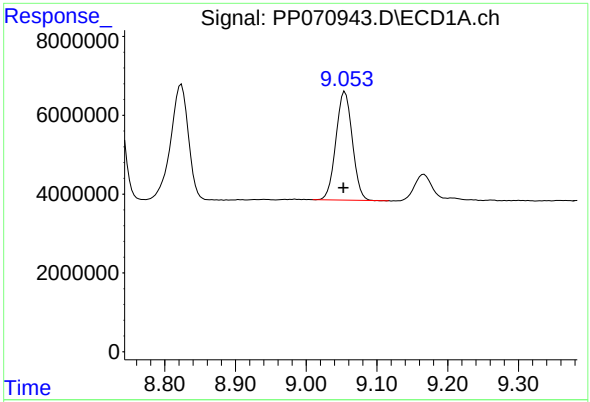
#42 AR-1268-2

R.T.: 8.824 min
Delta R.T.: 0.002 min
Response: 51237231
Conc: 255.89 ng/ml



#42 AR-1268-2

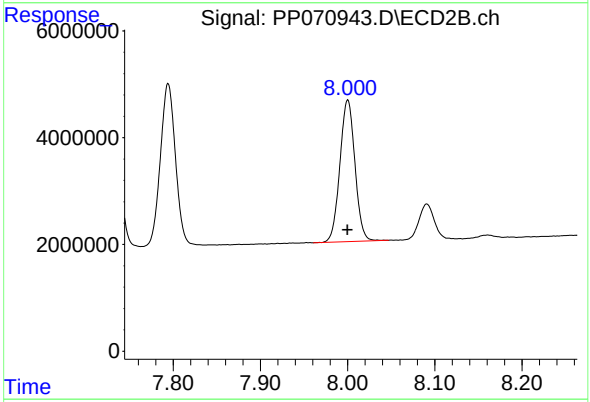
R.T.: 7.794 min
Delta R.T.: 0.000 min
Response: 36694564
Conc: 251.75 ng/ml



#43 AR-1268-3

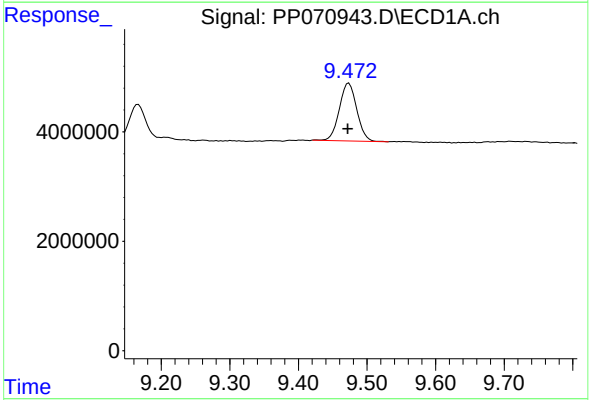
R.T.: 9.055 min
Delta R.T.: 0.002 min
Response: 44311644
Conc: 254.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



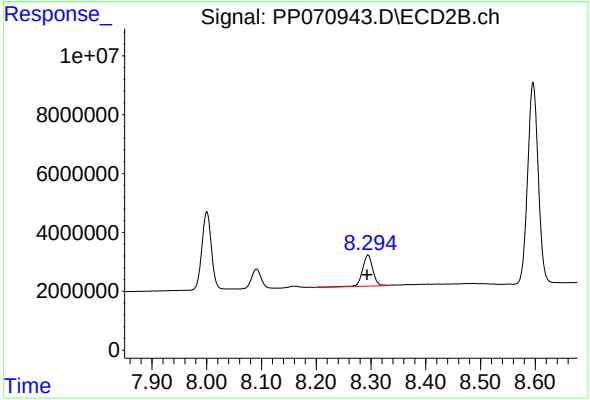
#43 AR-1268-3

R.T.: 8.000 min
Delta R.T.: 0.000 min
Response: 31811936
Conc: 255.74 ng/ml



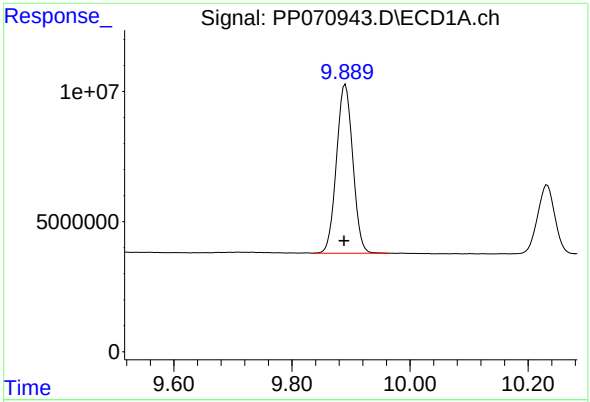
#44 AR-1268-4

R.T.: 9.473 min
Delta R.T.: 0.002 min
Response: 18700738
Conc: 255.34 ng/ml



#44 AR-1268-4

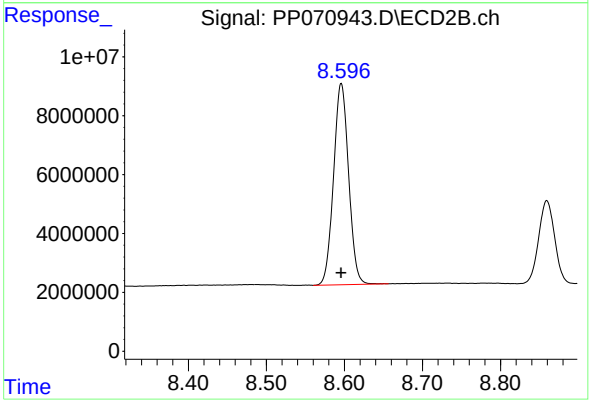
R.T.: 8.295 min
Delta R.T.: 0.002 min
Response: 13922493
Conc: 260.99 ng/ml



#45 AR-1268-5

R.T.: 9.890 min
Delta R.T.: 0.002 min
Response: 124614186
Conc: 258.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



#45 AR-1268-5

R.T.: 8.596 min
Delta R.T.: 0.000 min
Response: 91636186
Conc: 247.03 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070944.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 17:53
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: Mar 27 18:13:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 17:56:10 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...	4.515	3.816	6795391	6304440	4.206	5.529 #
2)	SA Decachlor...	10.230	8.859	10035177	7161586	4.762	4.510
	Target Compounds						
41)	L9 AR-1268-1	8.729	7.728	11274140	8298716	46.621	47.221
42)	L9 AR-1268-2	8.822	7.794	9103995	6916833	45.210	47.131
43)	L9 AR-1268-3	9.054	7.999	8398993	5823381	48.183	46.078
44)	L9 AR-1268-4	9.471	8.293	3082639	2842824	41.712	52.149 #
45)	L9 AR-1268-5	9.889	8.596	22937830	16928167	47.050	45.599

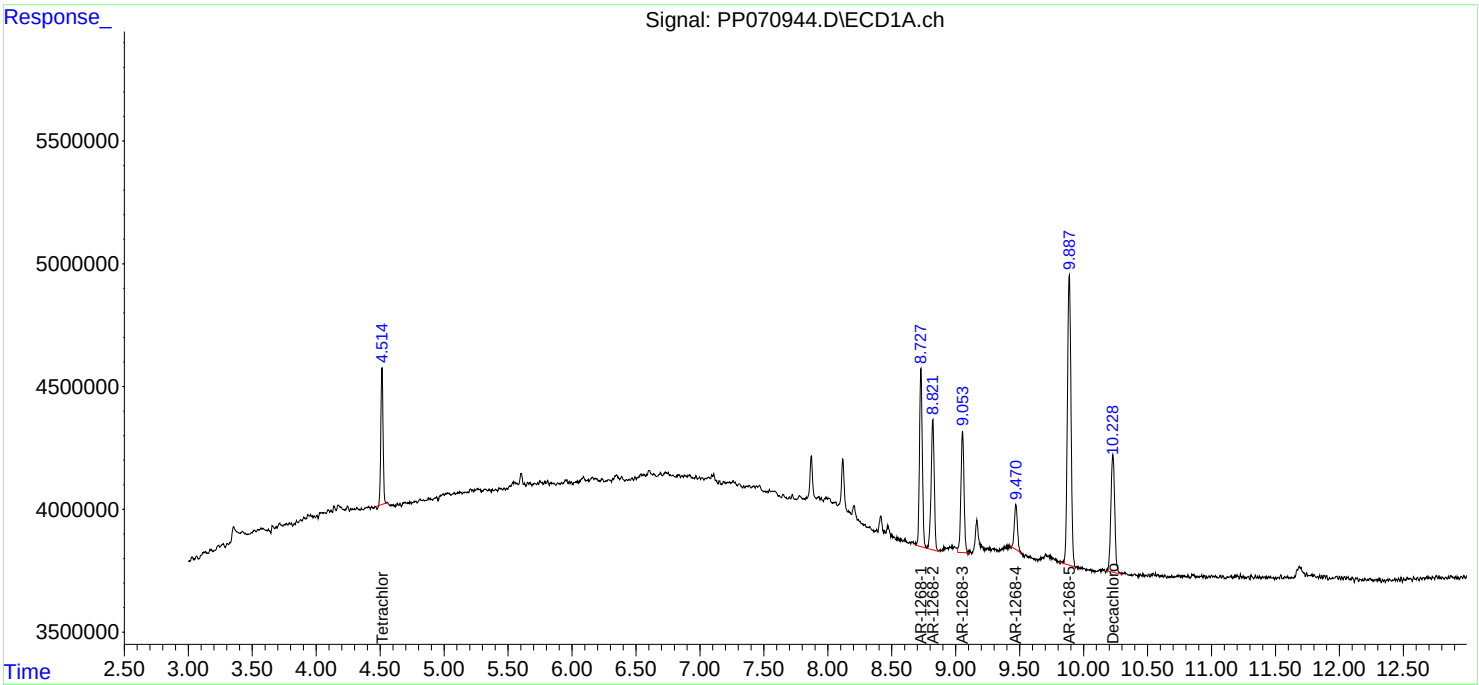
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

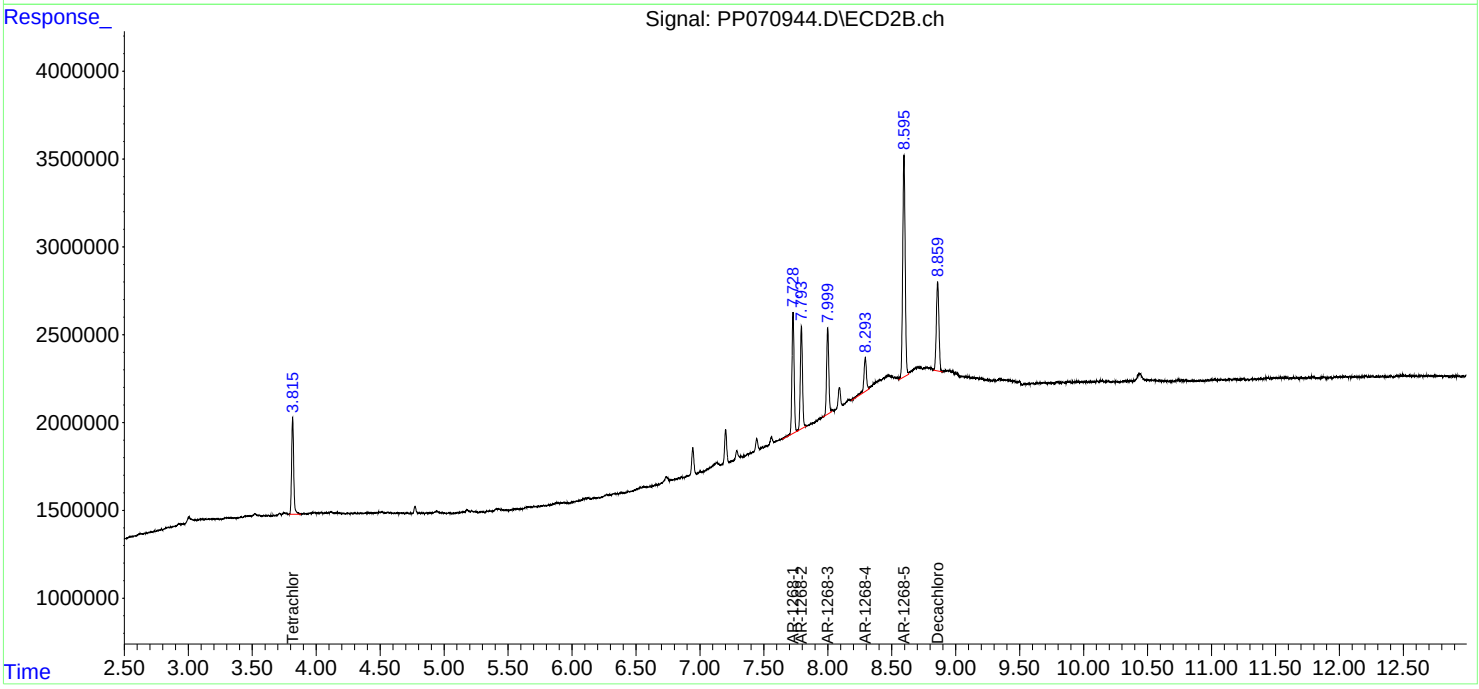
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070944.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 17:53
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

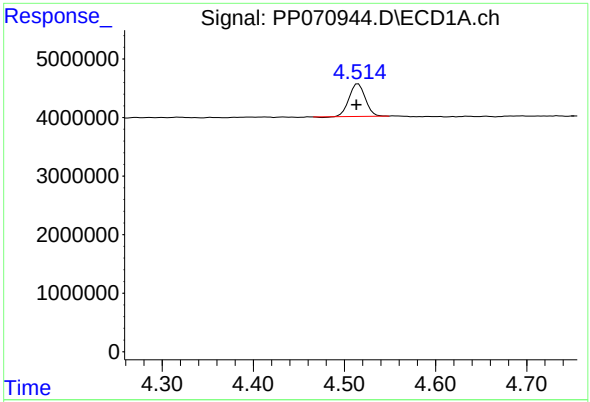
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 18:13:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 27 17:56:10 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



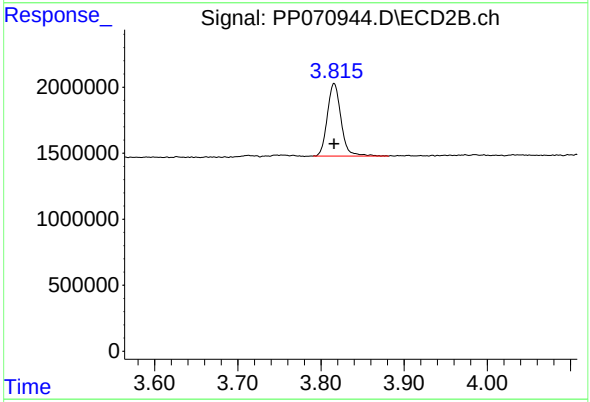




#1 Tetrachloro-m-xylene

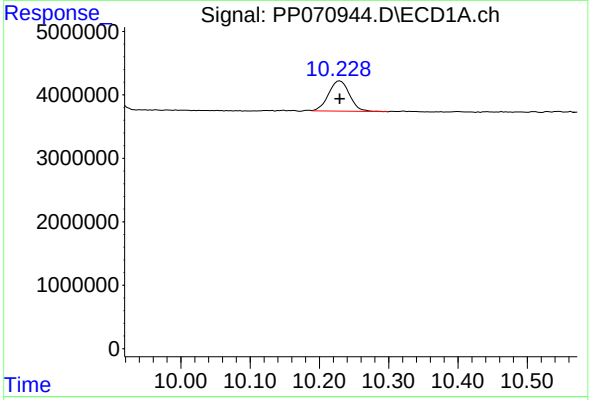
R.T.: 4.515 min
Delta R.T.: 0.002 min
Response: 6795391
Conc: 4.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



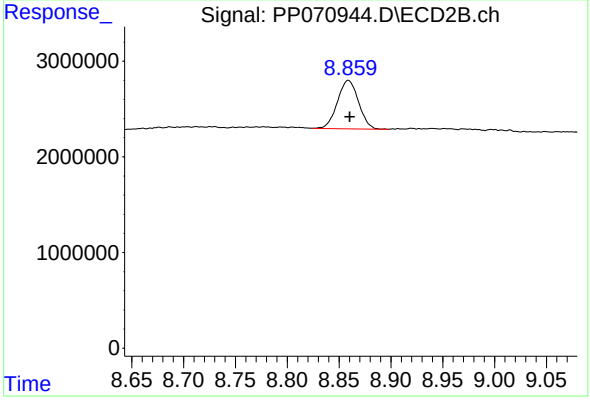
#1 Tetrachloro-m-xylene

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 6304440
Conc: 5.53 ng/ml



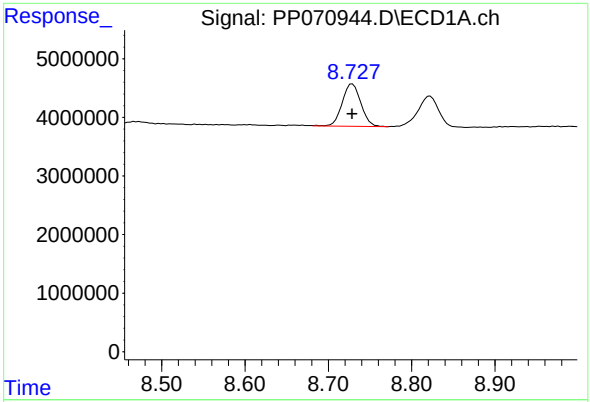
#2 Decachlorobiphenyl

R.T.: 10.230 min
Delta R.T.: 0.000 min
Response: 10035177
Conc: 4.76 ng/ml



#2 Decachlorobiphenyl

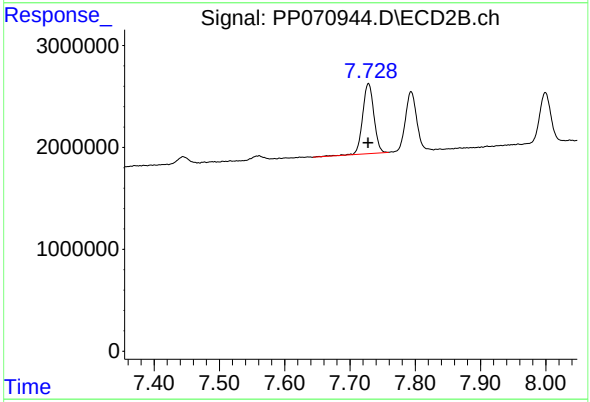
R.T.: 8.859 min
Delta R.T.: -0.001 min
Response: 7161586
Conc: 4.51 ng/ml



#41 AR-1268-1

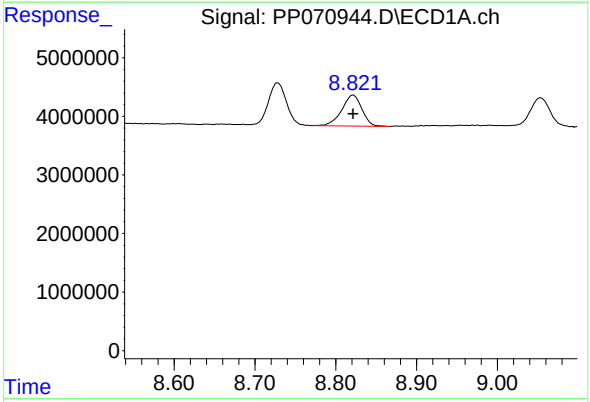
R.T.: 8.729 min
Delta R.T.: 0.000 min
Response: 11274140
Conc: 46.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



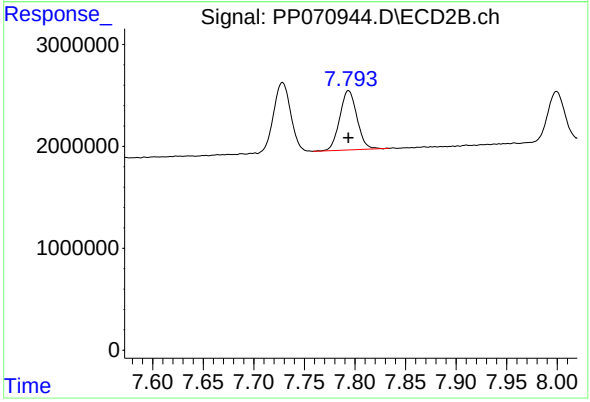
#41 AR-1268-1

R.T.: 7.728 min
Delta R.T.: 0.000 min
Response: 8298716
Conc: 47.22 ng/ml



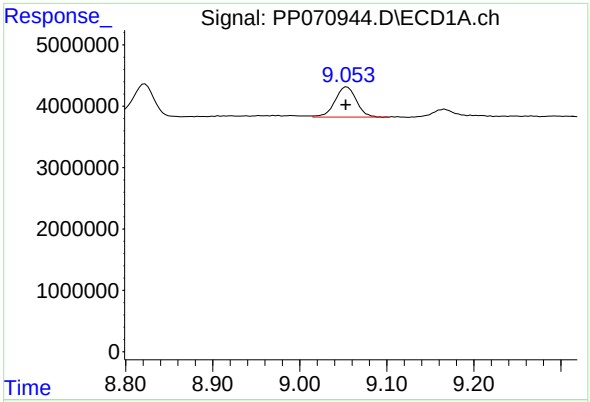
#42 AR-1268-2

R.T.: 8.822 min
Delta R.T.: 0.000 min
Response: 9103995
Conc: 45.21 ng/ml



#42 AR-1268-2

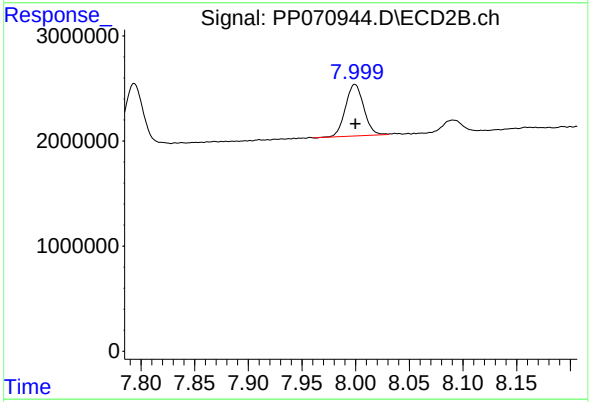
R.T.: 7.794 min
Delta R.T.: 0.000 min
Response: 6916833
Conc: 47.13 ng/ml



#43 AR-1268-3

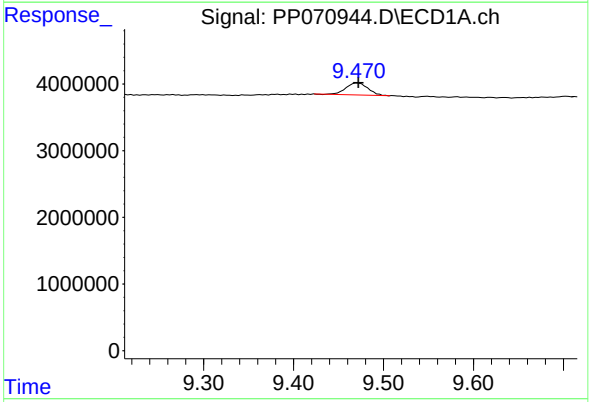
R.T.: 9.054 min
Delta R.T.: 0.002 min
Response: 8398993
Conc: 48.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



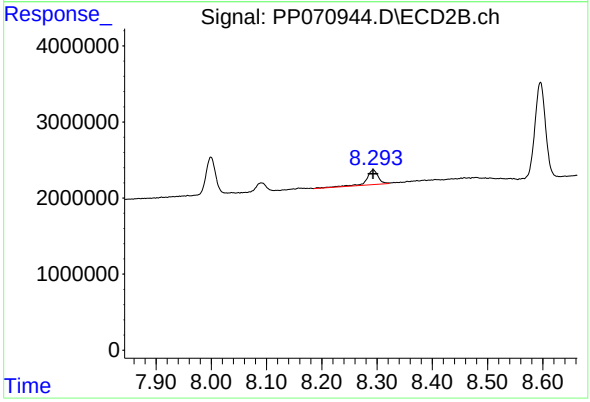
#43 AR-1268-3

R.T.: 7.999 min
Delta R.T.: 0.000 min
Response: 5823381
Conc: 46.08 ng/ml



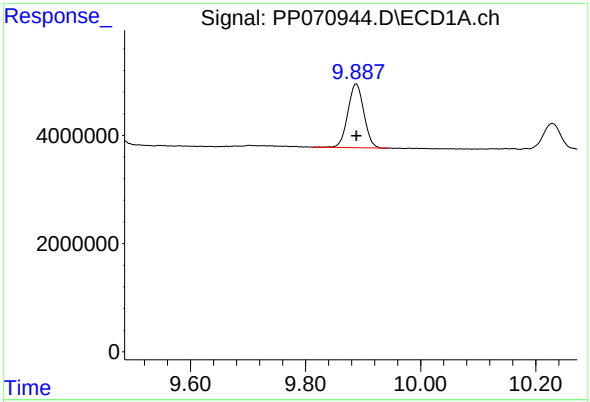
#44 AR-1268-4

R.T.: 9.471 min
Delta R.T.: 0.000 min
Response: 3082639
Conc: 41.71 ng/ml



#44 AR-1268-4

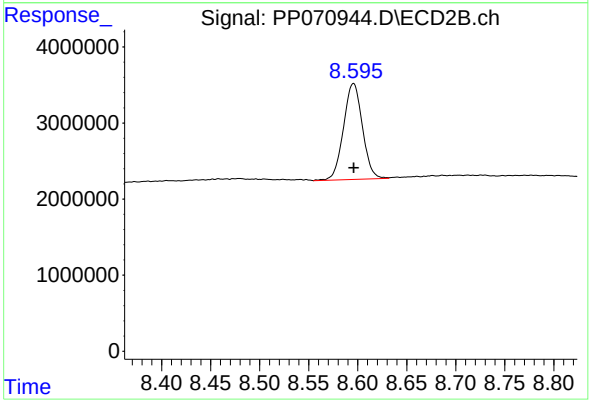
R.T.: 8.293 min
Delta R.T.: 0.000 min
Response: 2842824
Conc: 52.15 ng/ml



#45 AR-1268-5

R.T.: 9.889 min
Delta R.T.: 0.000 min
Response: 22937830
Conc: 47.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



#45 AR-1268-5

R.T.: 8.596 min
Delta R.T.: 0.000 min
Response: 16928167
Conc: 45.60 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070948.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 19:47
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP032725AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 28 01:39:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 01:37:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.513	3.816	80813408	55809150	53.470	50.687
2)	SA Decachlor...	10.228	8.859	60442284	44113864	53.599	53.797
	Target Compounds						
26)	L6 AR-1254-1	6.514	5.708	34026950	33372474	528.449	505.507
27)	L6 AR-1254-2	6.730	5.856	52171420	28060451	516.086	491.442
28)	L6 AR-1254-3	7.093	6.260	52059367	42608413	522.014	490.647
29)	L6 AR-1254-4	7.375	6.489	45346150	27407702	523.647	488.547
30)	L6 AR-1254-5	7.792	6.907	48183080	36336253	599.658	503.617

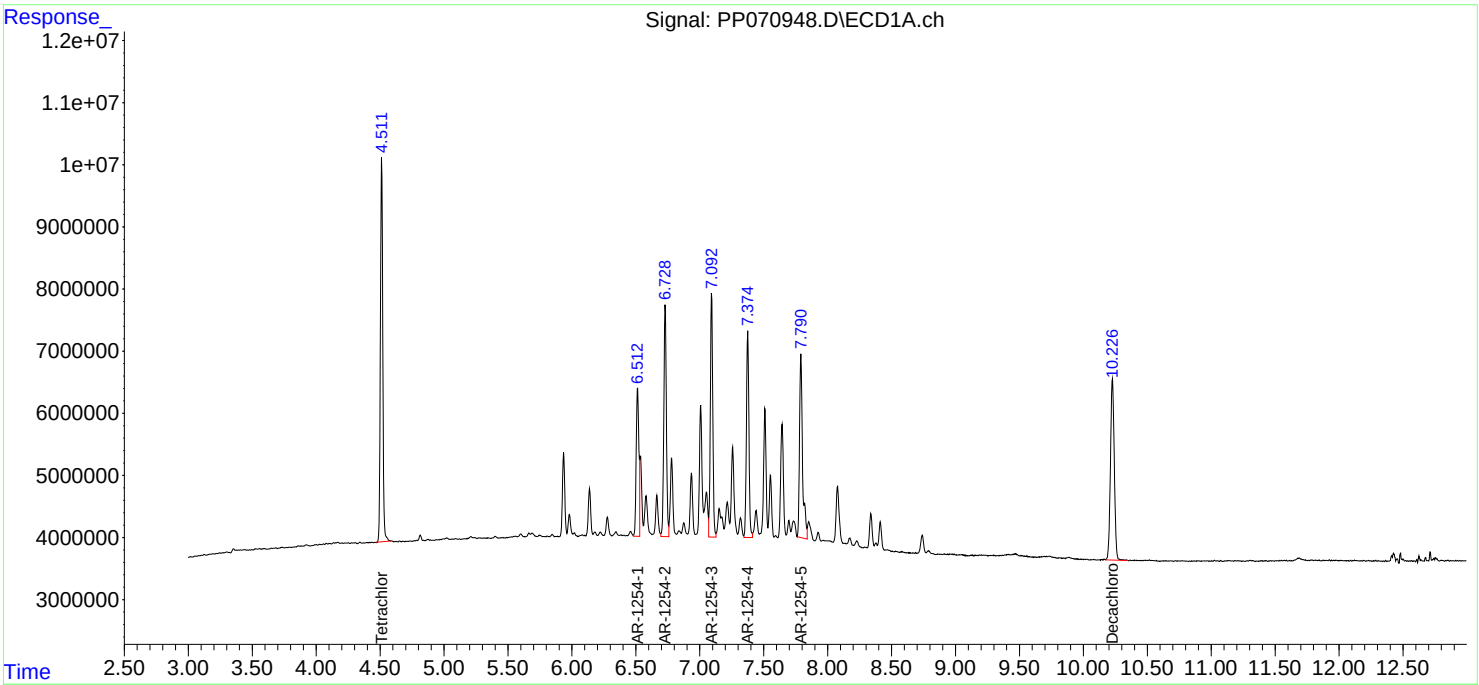
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

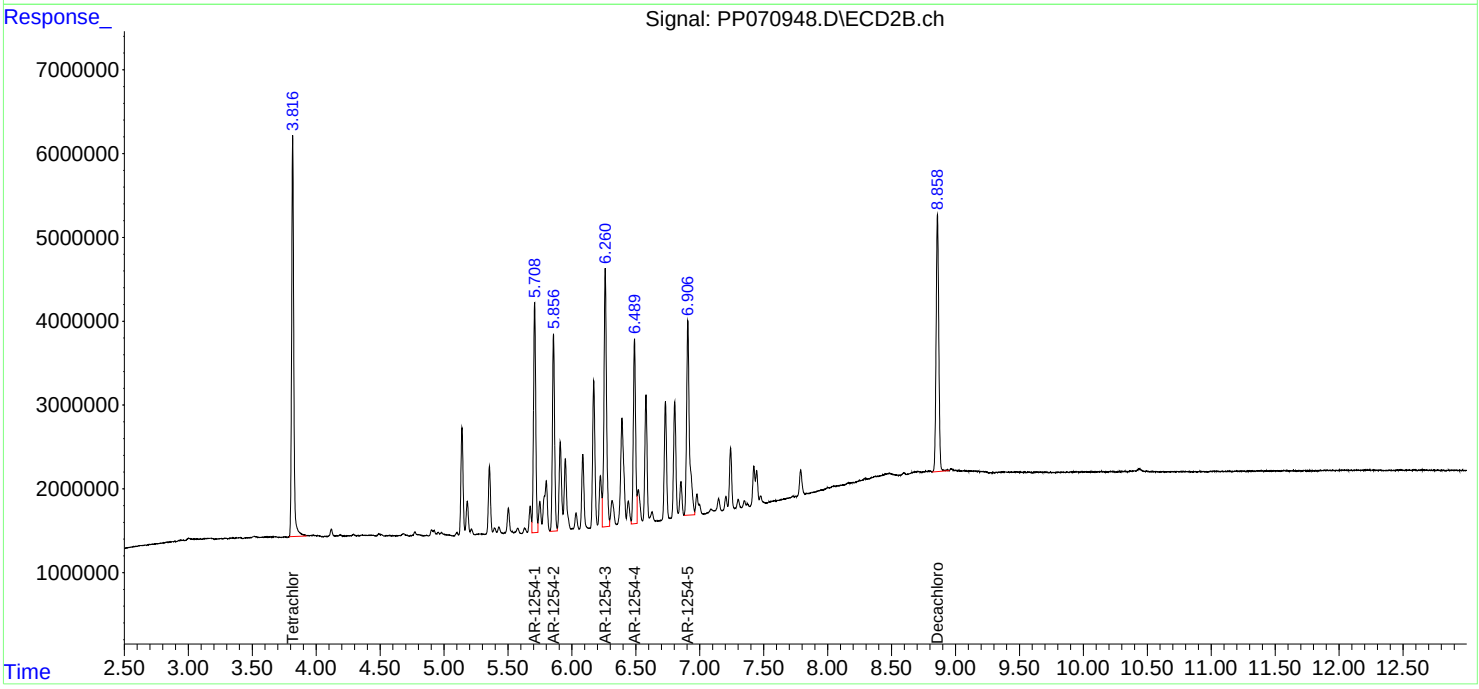
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032725\
Data File : PP070948.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 19:47
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

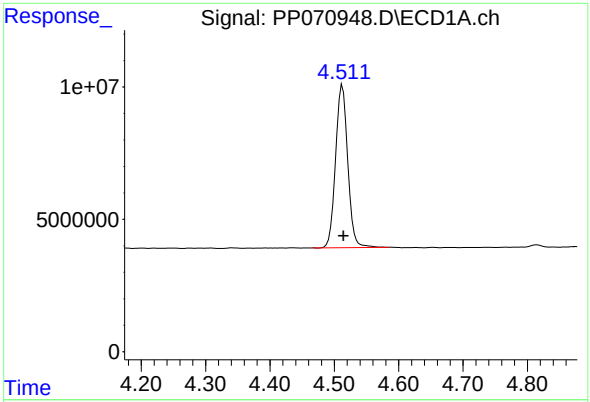
Instrument :
ECD_P
ClientSampleId :
ICVPP032725AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 28 01:39:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 01:37:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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



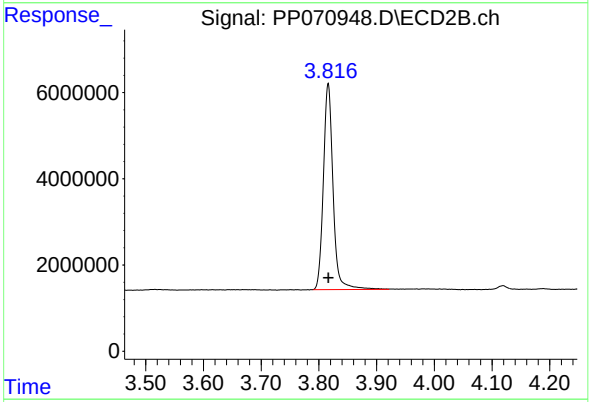




#1 Tetrachloro-m-xylene

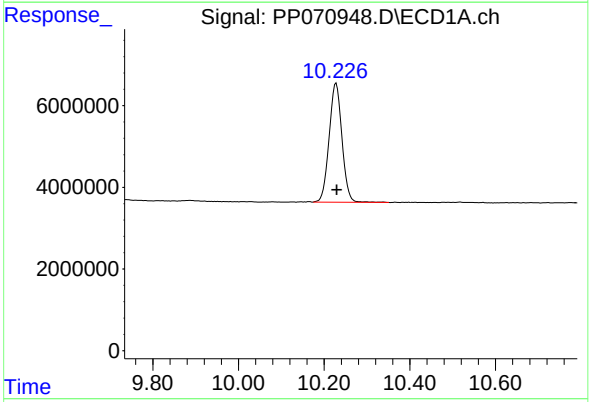
R.T.: 4.513 min
Delta R.T.: -0.001 min
Response: 80813408
Conc: 53.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP032725AR1254



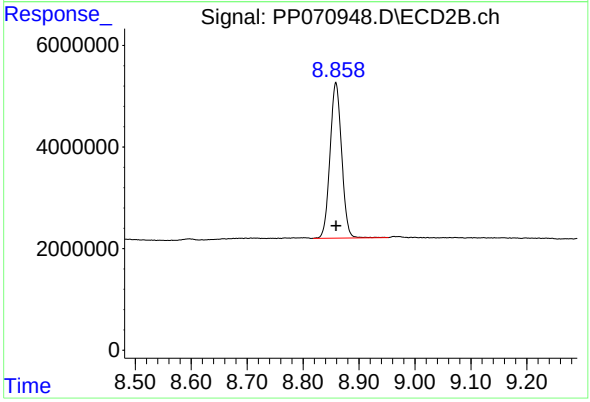
#1 Tetrachloro-m-xylene

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 55809150
Conc: 50.69 ng/ml



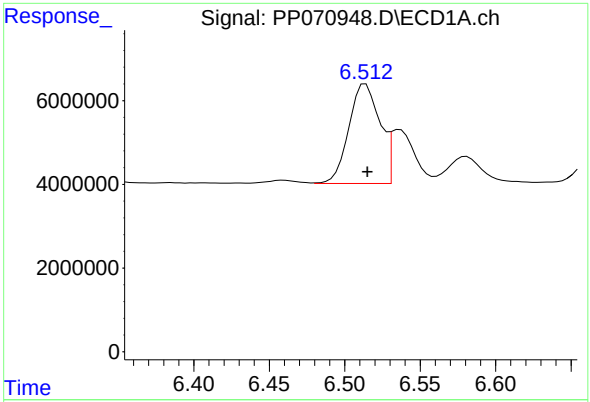
#2 Decachlorobiphenyl

R.T.: 10.228 min
Delta R.T.: -0.002 min
Response: 60442284
Conc: 53.60 ng/ml



#2 Decachlorobiphenyl

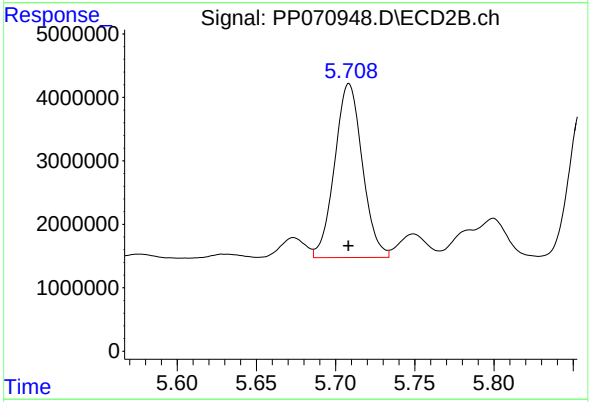
R.T.: 8.859 min
Delta R.T.: 0.000 min
Response: 44113864
Conc: 53.80 ng/ml



#26 AR-1254-1

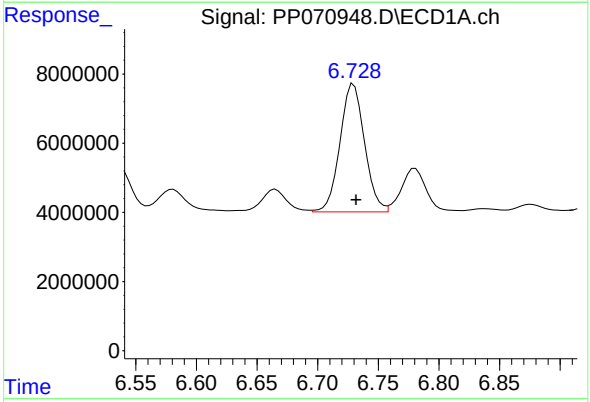
R.T.: 6.514 min
Delta R.T.: -0.001 min
Response: 34026950
Conc: 528.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP032725AR1254



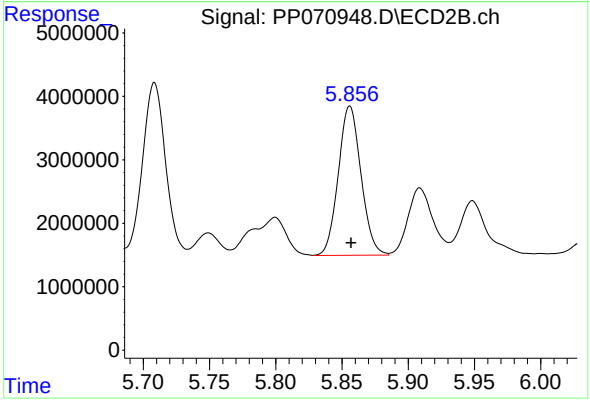
#26 AR-1254-1

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 33372474
Conc: 505.51 ng/ml



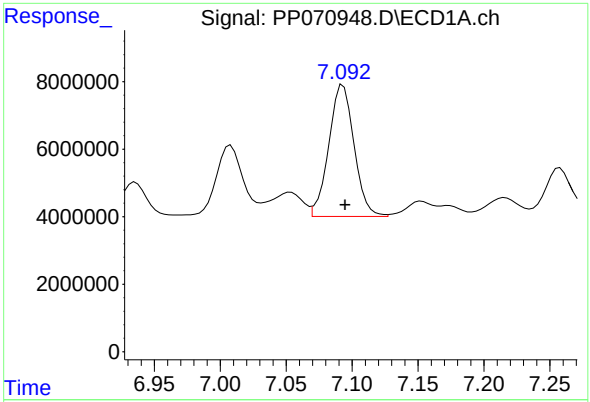
#27 AR-1254-2

R.T.: 6.730 min
Delta R.T.: -0.002 min
Response: 52171420
Conc: 516.09 ng/ml



#27 AR-1254-2

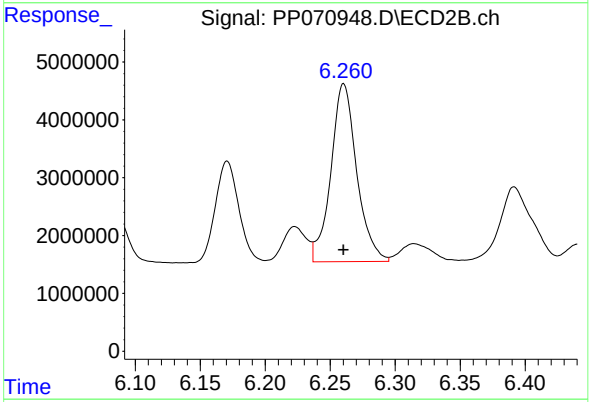
R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 28060451
Conc: 491.44 ng/ml



#28 AR-1254-3

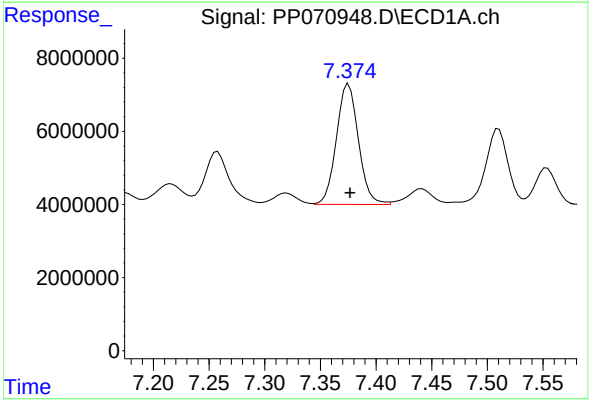
R.T.: 7.093 min
Delta R.T.: -0.001 min
Response: 52059367
Conc: 522.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP032725AR1254



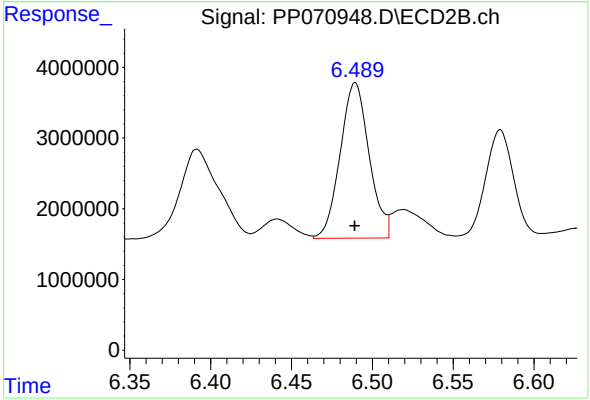
#28 AR-1254-3

R.T.: 6.260 min
Delta R.T.: 0.000 min
Response: 42608413
Conc: 490.65 ng/ml



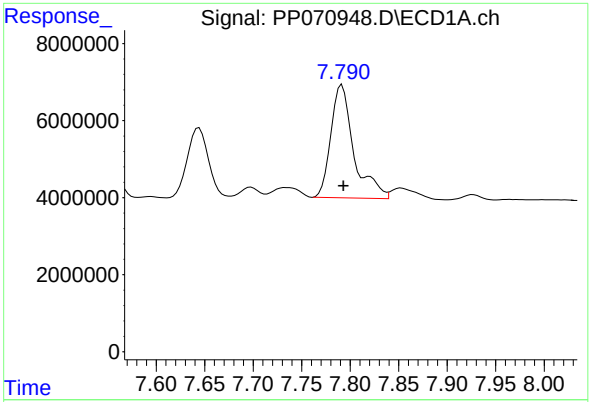
#29 AR-1254-4

R.T.: 7.375 min
Delta R.T.: -0.001 min
Response: 45346150
Conc: 523.65 ng/ml



#29 AR-1254-4

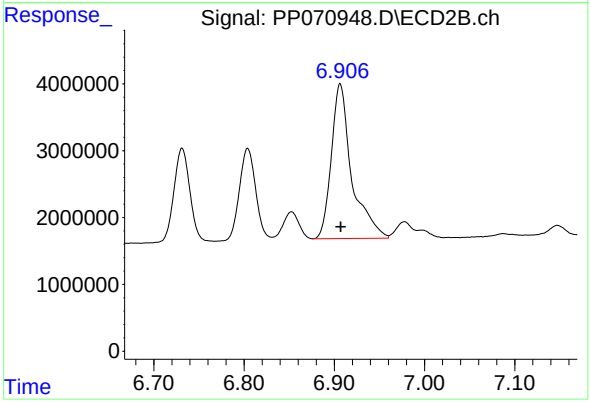
R.T.: 6.489 min
Delta R.T.: 0.000 min
Response: 27407702
Conc: 488.55 ng/ml



#30 AR-1254-5

R.T.: 7.792 min
Delta R.T.: -0.001 min
Response: 48183080
Conc: 599.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP032725AR1254



#30 AR-1254-5

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 36336253
Conc: 503.62 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041025\
Data File : PP071206.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 16:34
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 16:43:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.516	3.813	77430820	55259450	52.978	53.306	
2)	SA Decachlor...	10.234	8.850	53327357	34445025	50.662	43.701	
	Target Compounds							
3)	L1 AR-1016-1	5.670	4.899	25269605	21895104	496.932	546.174	
4)	L1 AR-1016-2	5.691	4.918	38702715	30656693	495.848	529.796	
5)	L1 AR-1016-3	5.753	5.094	22748872	17383521	482.227	562.150	
6)	L1 AR-1016-4	5.850	5.136	19018947	13796117	517.442	566.438	
7)	L1 AR-1016-5	6.144	5.351	17838114	18135727	526.010	561.110	
8)	L2 AR-1221-1	4.714	4.022	2725286	2346590	157.044	153.940	
9)	L2 AR-1221-2	4.804	4.111	4020589	3601443	310.400	314.914	
10)	L2 AR-1221-3	4.879	4.186	14078804	12839929	337.482	376.659	
11)	L3 AR-1232-1	4.879	4.186	14078804	12839929	422.930	458.787	
12)	L3 AR-1232-2	5.404	4.918	18604943	30656693	1169.362	1092.497	
13)	L3 AR-1232-3	5.691	5.094	38702715	17383521	1129.334	1167.495	
14)	L3 AR-1232-4	5.850	5.179	19018947	16801687	1210.813	1312.184	
15)	L3 AR-1232-5	5.941	5.351	15645076	18135727	1470.353	1279.436	
16)	L4 AR-1242-1	5.670	4.899	25269605	21895104	574.608	640.286	
17)	L4 AR-1242-2	5.691	4.918	38702715	30656693	601.756	622.373	
18)	L4 AR-1242-3	5.753	5.094	22748872	17383521	554.317	652.430	
19)	L4 AR-1242-4	5.850	5.179	19018947	16801687	623.095	636.953	
20)	L4 AR-1242-5	6.583	5.703	5063674	17438110	138.691	563.277	#
21)	L5 AR-1248-1	5.670	4.899	25269605	21895104	696.372	808.535	
22)	L5 AR-1248-2	5.941	5.136	15645076	13796117	348.143	375.686	
23)	L5 AR-1248-3	6.144	5.179	17838114	16801687	352.271	434.608	
24)	L5 AR-1248-4	6.519	5.351	22592835	18135727	352.201	401.757	
25)	L5 AR-1248-5	6.583	5.744	5063674	4750833	83.221	111.316	#
26)	L6 AR-1254-1	6.519	5.703	22592835	17438110	350.874	264.143	
27)	L6 AR-1254-2	6.735	5.852	15621126	12127821	154.526	212.403	#
28)	L6 AR-1254-3	7.098	6.271	9091842	22345675	91.167	257.316	#
29)	L6 AR-1254-4	7.381	6.483	6991611	3738269	80.738	66.635	
30)	L6 AR-1254-5	7.796	6.901	51242910	32468361	637.739	450.008	#
31)	L7 AR-1260-1	7.263	6.386	35278629	27962514	525.349	546.075	
32)	L7 AR-1260-2	7.516	6.574	50926026	33400911	529.727	523.576	
33)	L7 AR-1260-3	7.876	6.727	42472032	28901515	531.444	530.431	
34)	L7 AR-1260-4	8.099	7.198	37018676	24018074	470.157	502.194	
35)	L7 AR-1260-5	8.419	7.440	78253944	54802398	492.516	440.144	
36)	L8 AR-1262-1	8.099	6.939	37018676	28017593	348.246	327.448	
37)	L8 AR-1262-2	8.419	7.198	78253944	24018074	394.459	350.811	
38)	L8 AR-1262-3	8.743	7.722	48931869	14650843	371.423	241.271	#
39)	L8 AR-1262-4	8.808	7.785	29988420	36947203	313.638	371.677	
40)	L8 AR-1262-5	9.476	8.286	21073763	13867015	323.881	295.851	
41)	L9 AR-1268-1	8.743	7.722	48931869	14650843	207.772	85.476	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041025\
Data File : PP071206.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 16:34
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 16:43:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.808	7.785	29988420	36947203	153.539	257.862 #
43) L9	AR-1268-3	9.055	7.992	1050333	755152	6.145	6.132
44) L9	AR-1268-4	9.476	8.286	21073763	13867015	297.874	262.567
45) L9	AR-1268-5	9.892	8.588	4999666	3266175	10.500	9.026

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

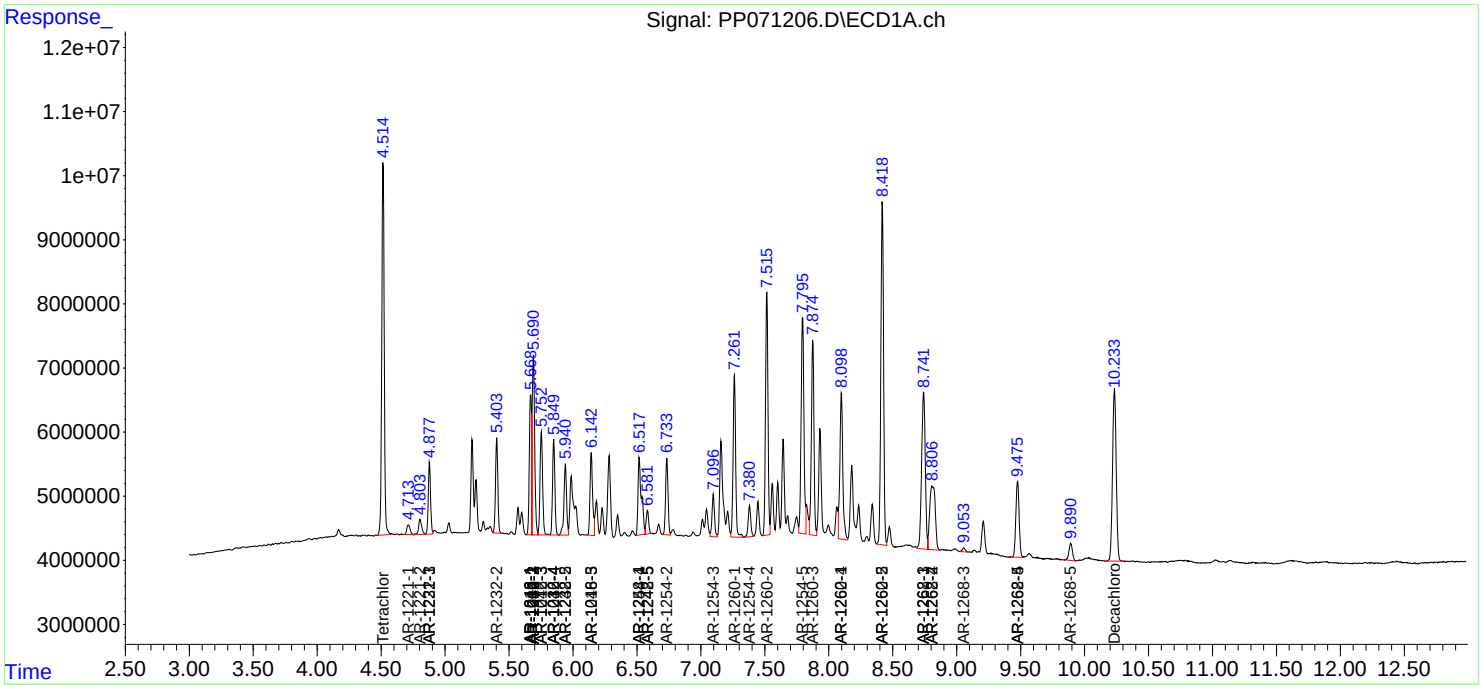
Quantitation Report (Not Reviewed)

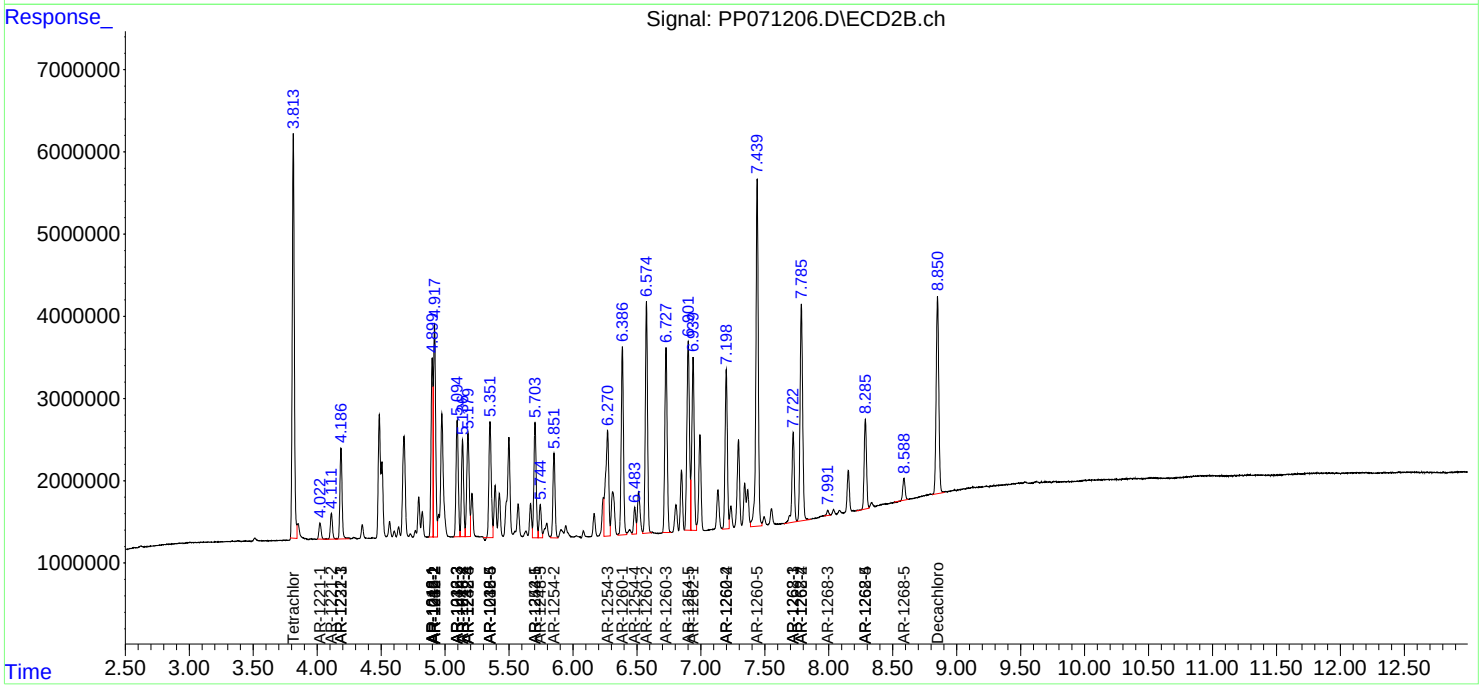
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041025\
Data File : PP071206.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 16:34
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

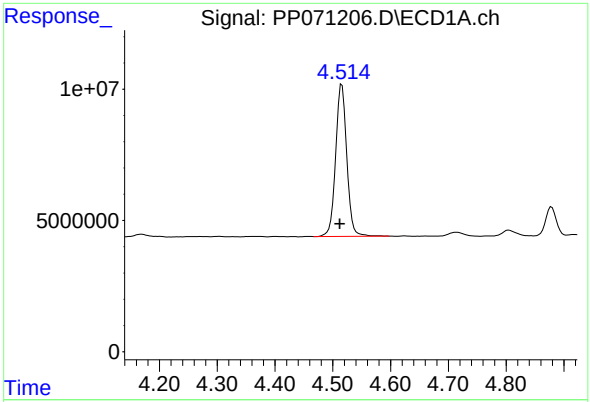
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 16:43:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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



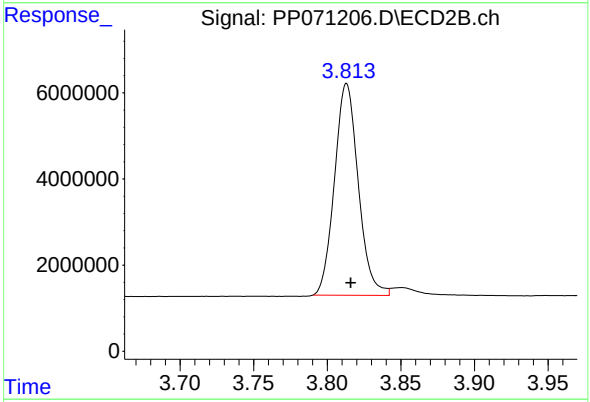




#1 Tetrachloro-m-xylene

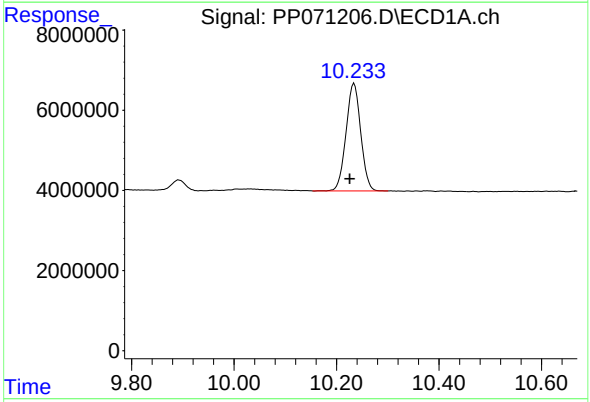
R.T.: 4.516 min
Delta R.T.: 0.004 min
Response: 77430820
Conc: 52.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



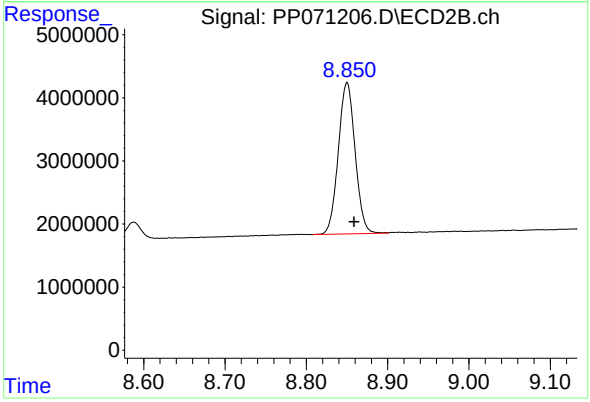
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: -0.003 min
Response: 55259450
Conc: 53.31 ng/ml



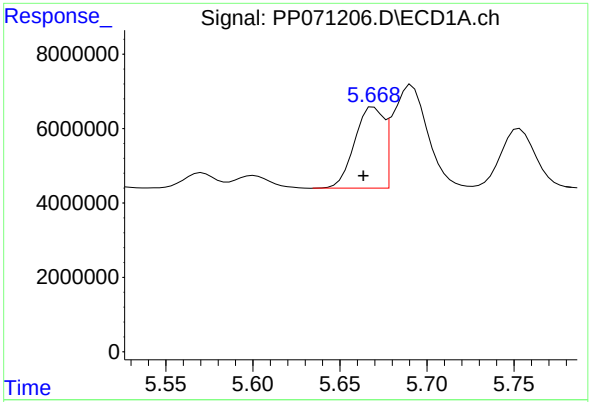
#2 Decachlorobiphenyl

R.T.: 10.234 min
Delta R.T.: 0.009 min
Response: 53327357
Conc: 50.66 ng/ml



#2 Decachlorobiphenyl

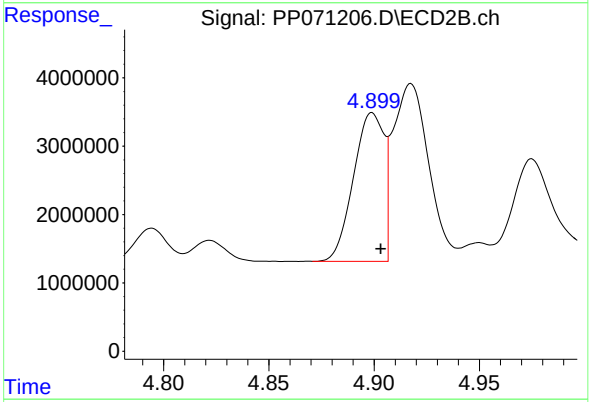
R.T.: 8.850 min
Delta R.T.: -0.009 min
Response: 34445025
Conc: 43.70 ng/ml



#3 AR-1016-1

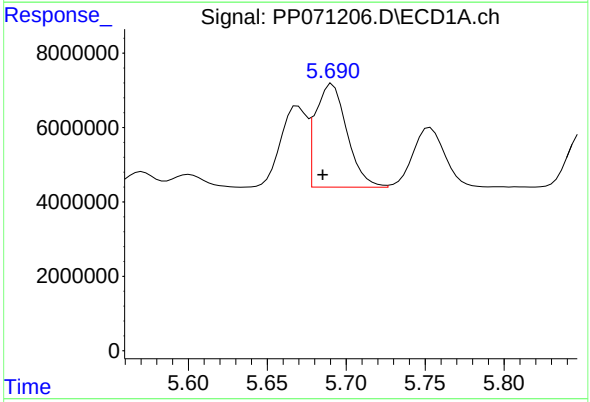
R.T.: 5.670 min
Delta R.T.: 0.006 min
Response: 25269605
Conc: 496.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



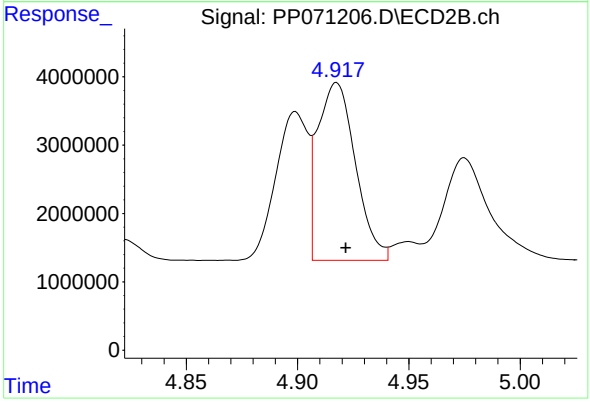
#3 AR-1016-1

R.T.: 4.899 min
Delta R.T.: -0.004 min
Response: 21895104
Conc: 546.17 ng/ml



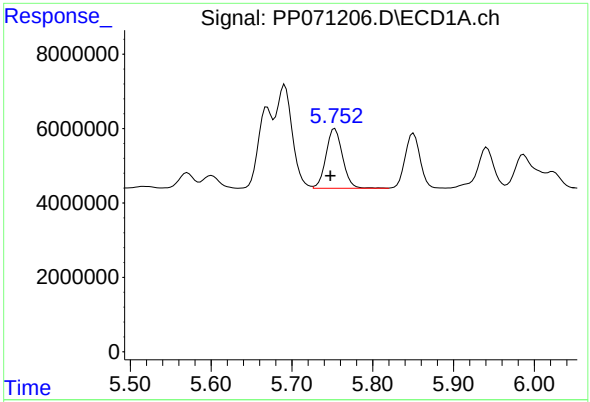
#4 AR-1016-2

R.T.: 5.691 min
Delta R.T.: 0.006 min
Response: 38702715
Conc: 495.85 ng/ml



#4 AR-1016-2

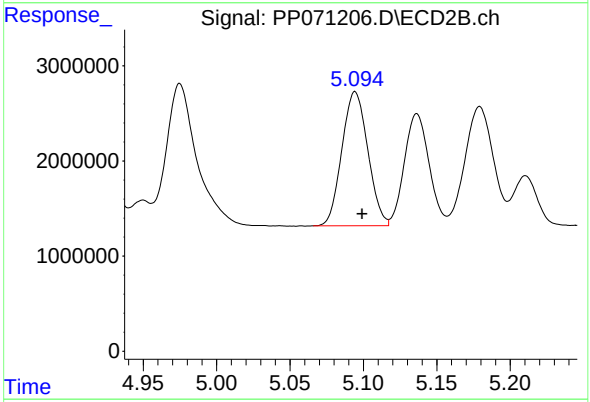
R.T.: 4.918 min
Delta R.T.: -0.004 min
Response: 30656693
Conc: 529.80 ng/ml



#5 AR-1016-3

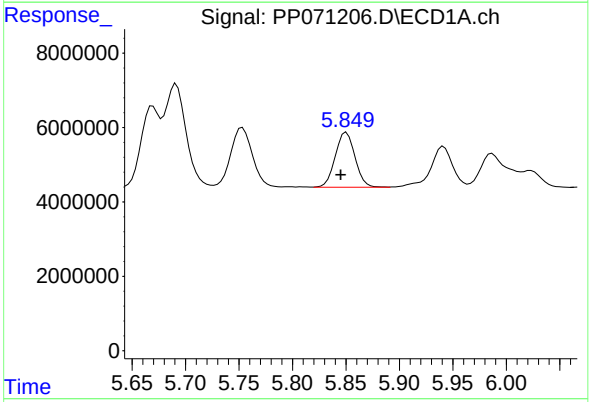
R.T.: 5.753 min
Delta R.T.: 0.006 min
Response: 22748872
Conc: 482.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



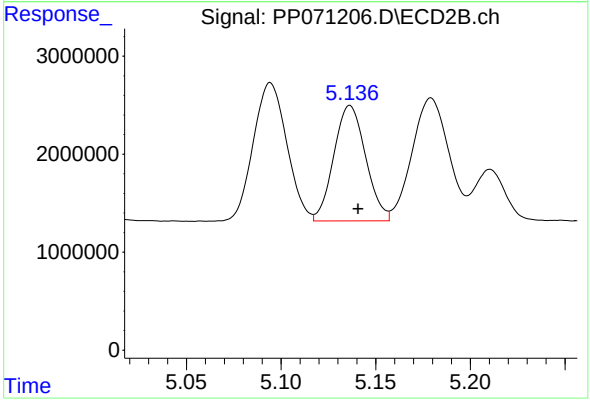
#5 AR-1016-3

R.T.: 5.094 min
Delta R.T.: -0.005 min
Response: 17383521
Conc: 562.15 ng/ml



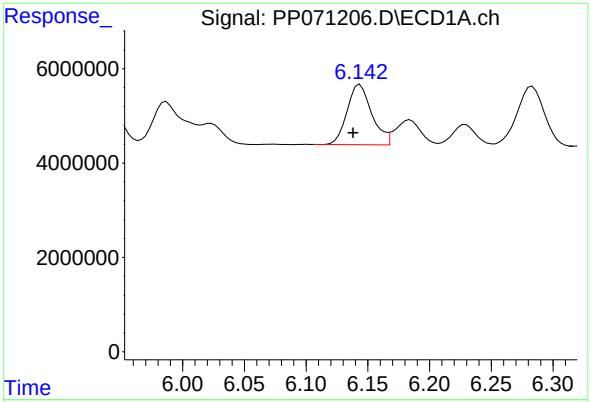
#6 AR-1016-4

R.T.: 5.850 min
Delta R.T.: 0.005 min
Response: 19018947
Conc: 517.44 ng/ml



#6 AR-1016-4

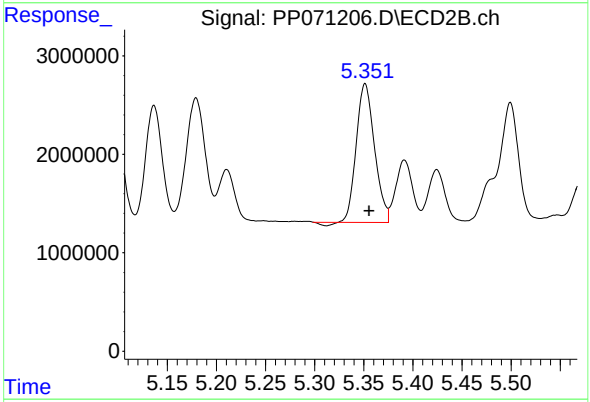
R.T.: 5.136 min
Delta R.T.: -0.004 min
Response: 13796117
Conc: 566.44 ng/ml



#7 AR-1016-5

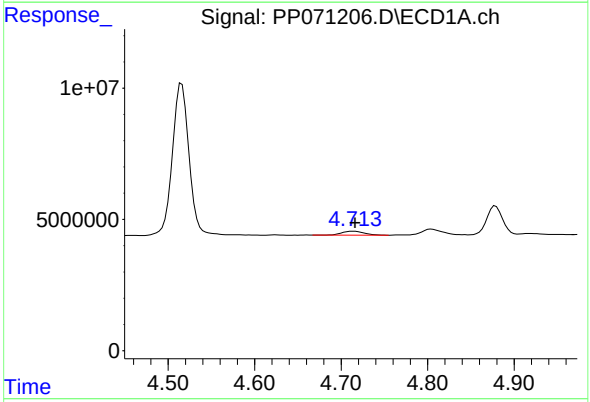
R.T.: 6.144 min
Delta R.T.: 0.006 min
Response: 17838114
Conc: 526.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



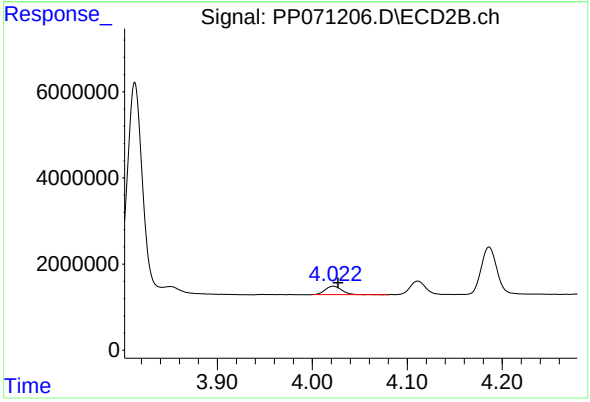
#7 AR-1016-5

R.T.: 5.351 min
Delta R.T.: -0.004 min
Response: 18135727
Conc: 561.11 ng/ml



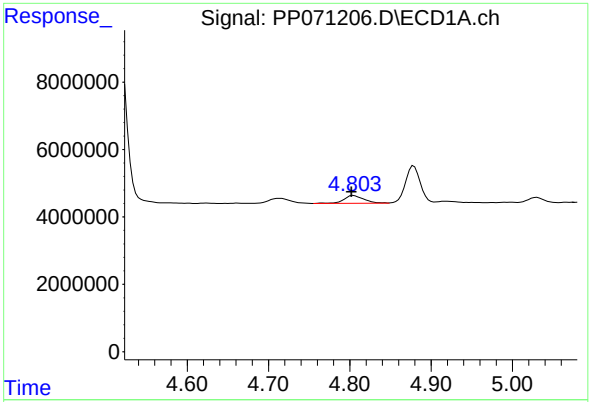
#8 AR-1221-1

R.T.: 4.714 min
Delta R.T.: -0.002 min
Response: 2725286
Conc: 157.04 ng/ml



#8 AR-1221-1

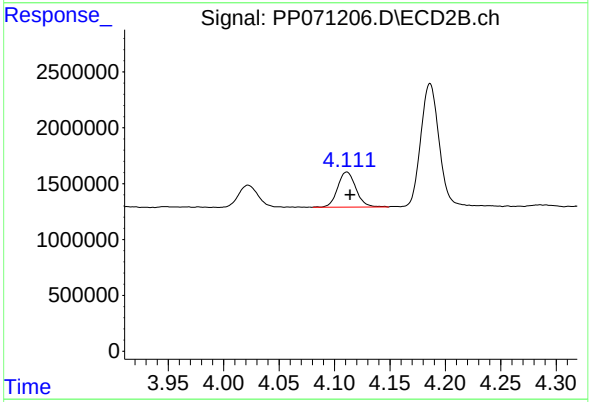
R.T.: 4.022 min
Delta R.T.: -0.005 min
Response: 2346590
Conc: 153.94 ng/ml



#9 AR-1221-2

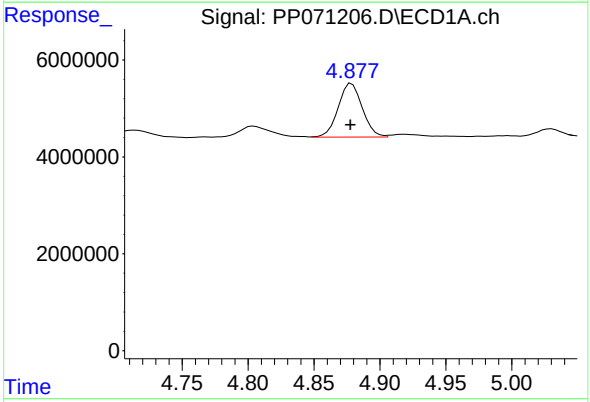
R.T.: 4.804 min
Delta R.T.: 0.002 min
Response: 4020589
Conc: 310.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



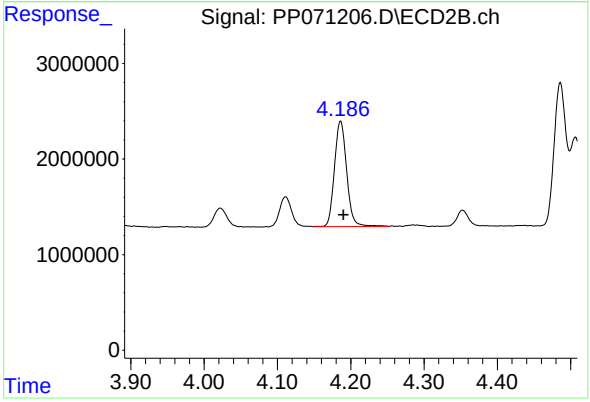
#9 AR-1221-2

R.T.: 4.111 min
Delta R.T.: -0.003 min
Response: 3601443
Conc: 314.91 ng/ml



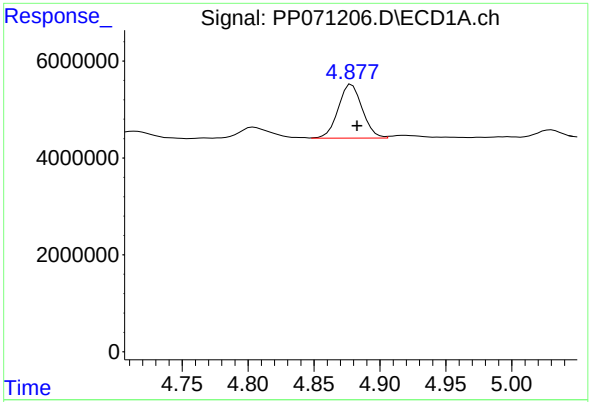
#10 AR-1221-3

R.T.: 4.879 min
Delta R.T.: 0.001 min
Response: 14078804
Conc: 337.48 ng/ml



#10 AR-1221-3

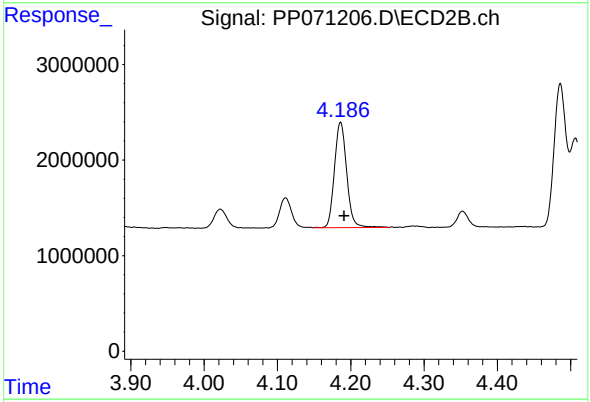
R.T.: 4.186 min
Delta R.T.: -0.004 min
Response: 12839929
Conc: 376.66 ng/ml



#11 AR-1232-1

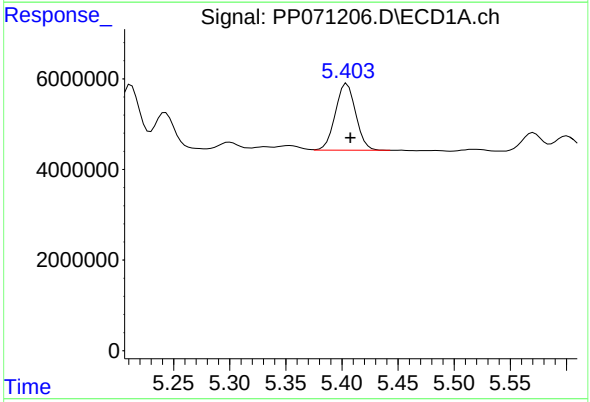
R.T.: 4.879 min
Delta R.T.: -0.004 min
Response: 14078804
Conc: 422.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



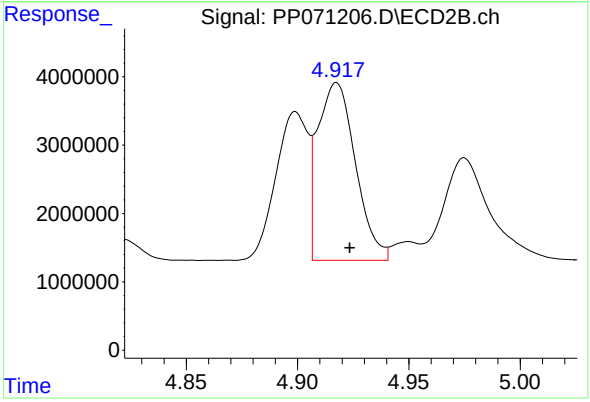
#11 AR-1232-1

R.T.: 4.186 min
Delta R.T.: -0.005 min
Response: 12839929
Conc: 458.79 ng/ml



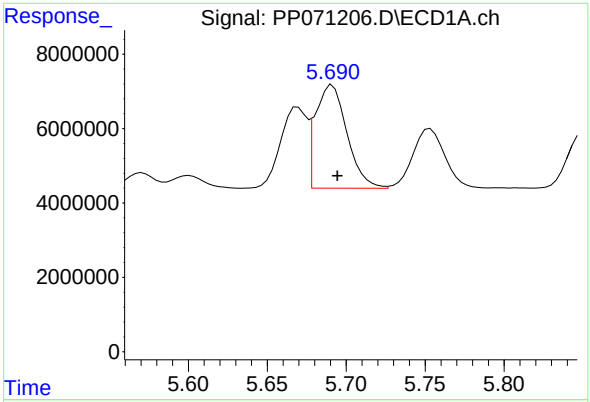
#12 AR-1232-2

R.T.: 5.404 min
Delta R.T.: -0.003 min
Response: 18604943
Conc: 1169.36 ng/ml



#12 AR-1232-2

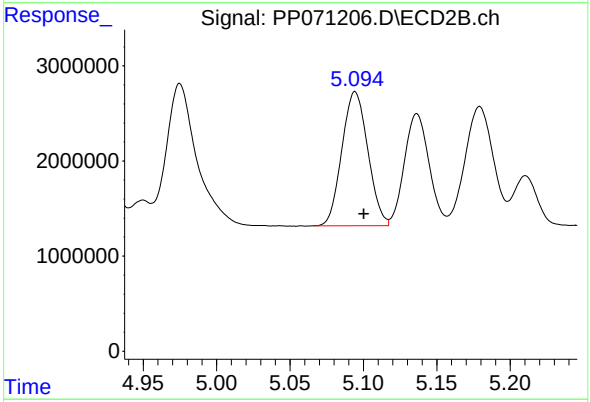
R.T.: 4.918 min
Delta R.T.: -0.006 min
Response: 30656693
Conc: 1092.50 ng/ml



#13 AR-1232-3

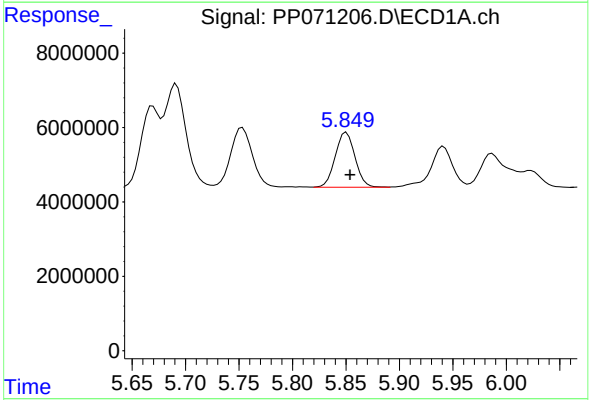
R.T.: 5.691 min
Delta R.T.: -0.003 min
Response: 38702715
Conc: 1129.33 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



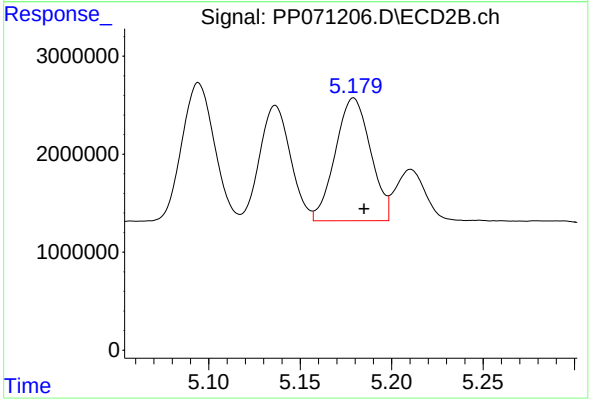
#13 AR-1232-3

R.T.: 5.094 min
Delta R.T.: -0.006 min
Response: 17383521
Conc: 1167.50 ng/ml



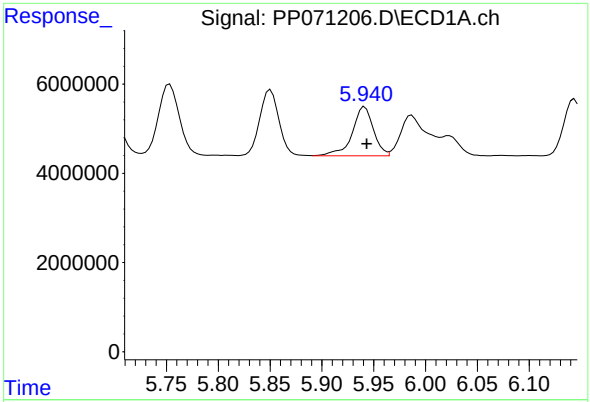
#14 AR-1232-4

R.T.: 5.850 min
Delta R.T.: -0.003 min
Response: 19018947
Conc: 1210.81 ng/ml



#14 AR-1232-4

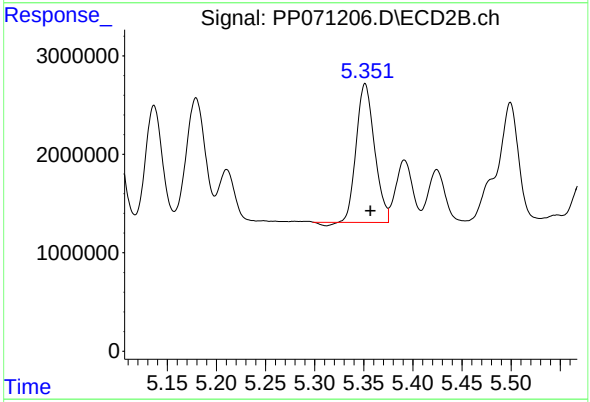
R.T.: 5.179 min
Delta R.T.: -0.006 min
Response: 16801687
Conc: 1312.18 ng/ml



#15 AR-1232-5

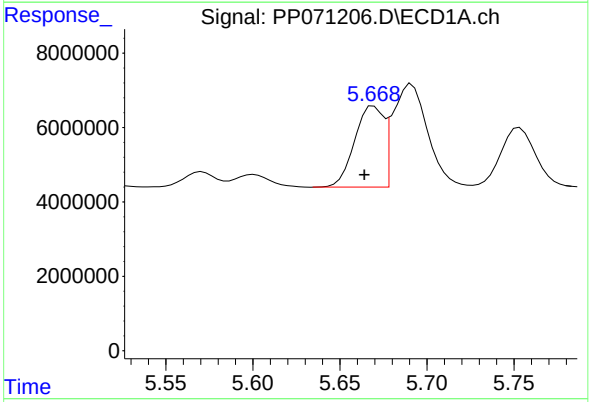
R.T.: 5.941 min
Delta R.T.: -0.002 min
Response: 15645076
Conc: 1470.35 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



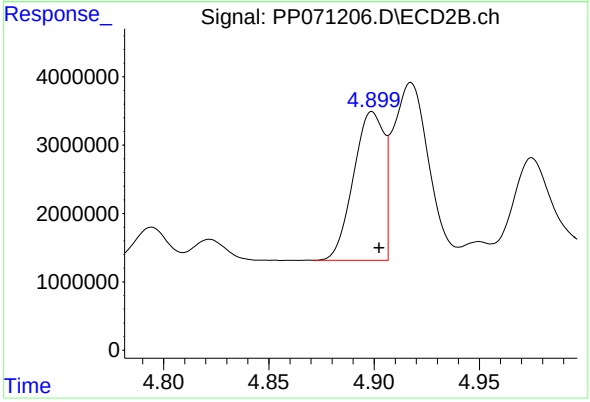
#15 AR-1232-5

R.T.: 5.351 min
Delta R.T.: -0.005 min
Response: 18135727
Conc: 1279.44 ng/ml



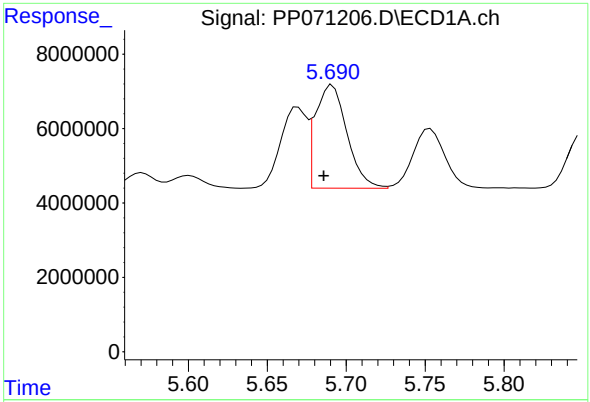
#16 AR-1242-1

R.T.: 5.670 min
Delta R.T.: 0.005 min
Response: 25269605
Conc: 574.61 ng/ml



#16 AR-1242-1

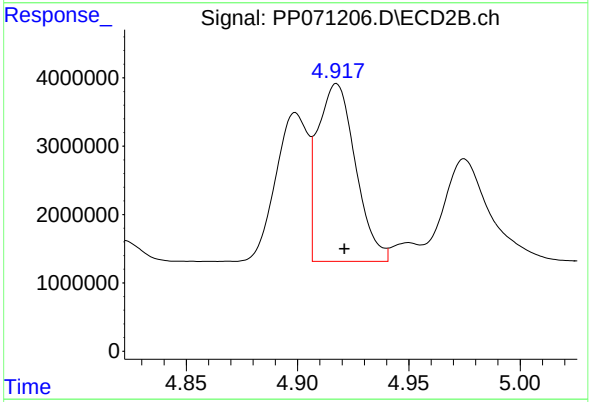
R.T.: 4.899 min
Delta R.T.: -0.003 min
Response: 21895104
Conc: 640.29 ng/ml



#17 AR-1242-2

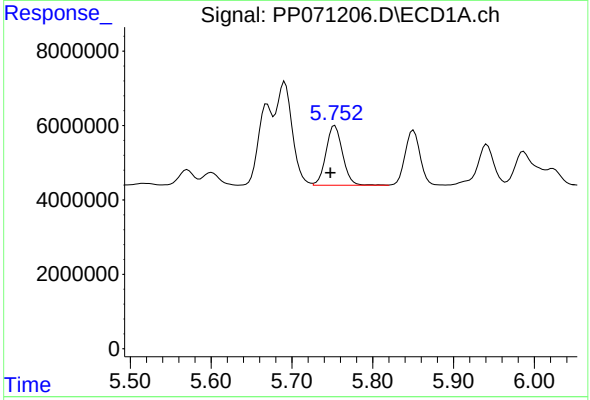
R.T.: 5.691 min
Delta R.T.: 0.006 min
Response: 38702715
Conc: 601.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



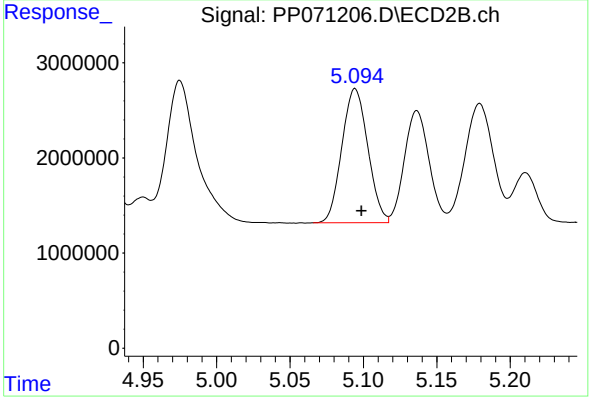
#17 AR-1242-2

R.T.: 4.918 min
Delta R.T.: -0.004 min
Response: 30656693
Conc: 622.37 ng/ml



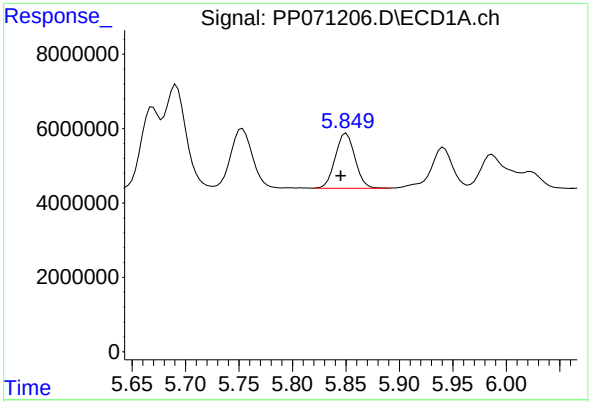
#18 AR-1242-3

R.T.: 5.753 min
Delta R.T.: 0.005 min
Response: 22748872
Conc: 554.32 ng/ml



#18 AR-1242-3

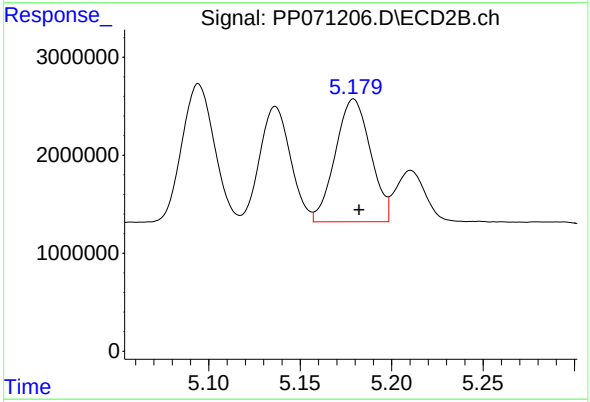
R.T.: 5.094 min
Delta R.T.: -0.004 min
Response: 17383521
Conc: 652.43 ng/ml



#19 AR-1242-4

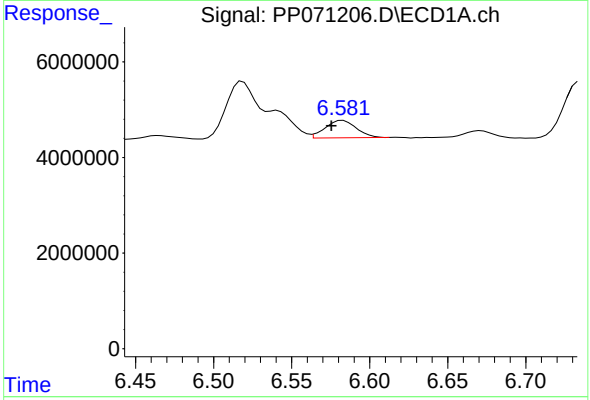
R.T.: 5.850 min
Delta R.T.: 0.005 min
Response: 19018947
Conc: 623.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



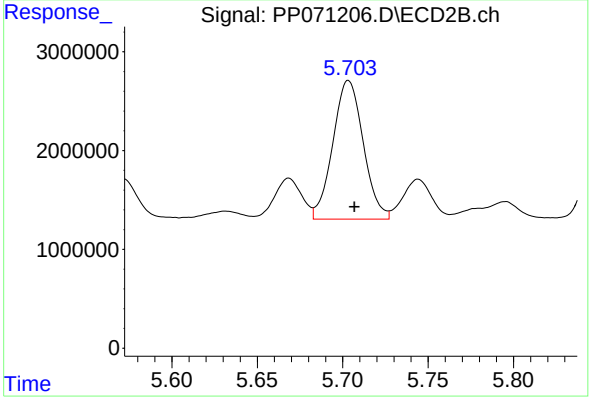
#19 AR-1242-4

R.T.: 5.179 min
Delta R.T.: -0.003 min
Response: 16801687
Conc: 636.95 ng/ml



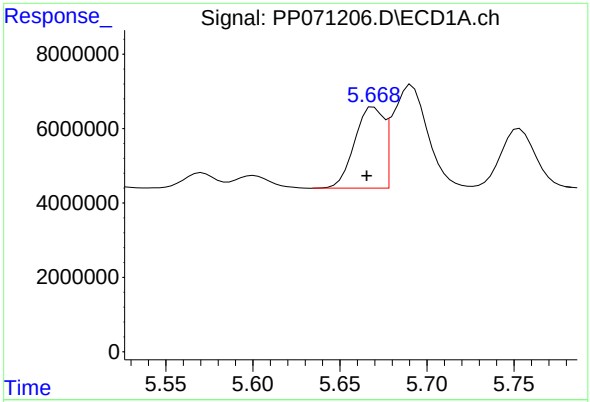
#20 AR-1242-5

R.T.: 6.583 min
Delta R.T.: 0.007 min
Response: 5063674
Conc: 138.69 ng/ml



#20 AR-1242-5

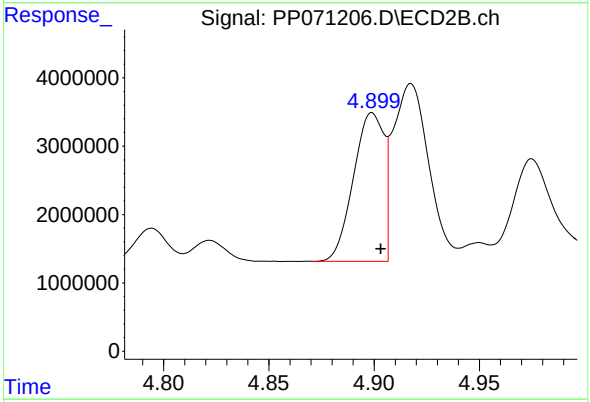
R.T.: 5.703 min
Delta R.T.: -0.004 min
Response: 17438110
Conc: 563.28 ng/ml



#21 AR-1248-1

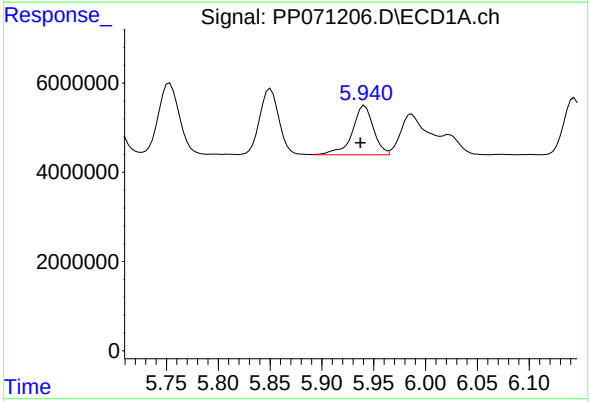
R.T.: 5.670 min
Delta R.T.: 0.004 min
Response: 25269605
Conc: 696.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



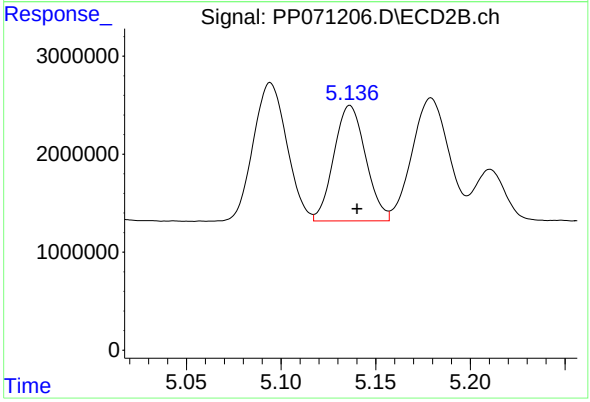
#21 AR-1248-1

R.T.: 4.899 min
Delta R.T.: -0.004 min
Response: 21895104
Conc: 808.53 ng/ml



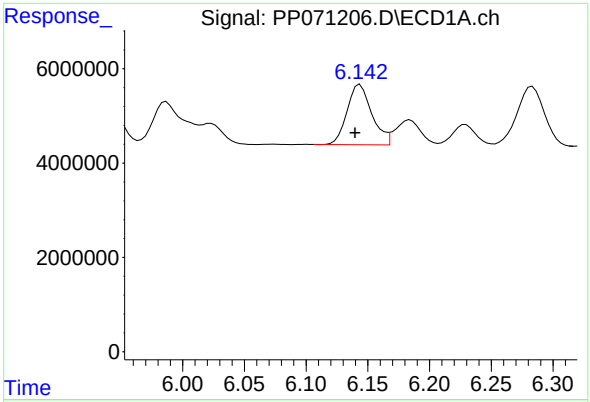
#22 AR-1248-2

R.T.: 5.941 min
Delta R.T.: 0.004 min
Response: 15645076
Conc: 348.14 ng/ml



#22 AR-1248-2

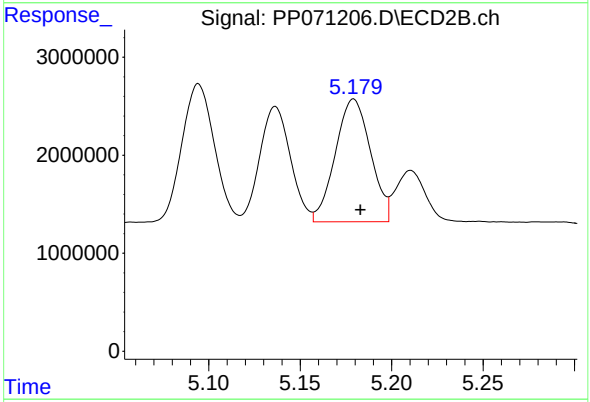
R.T.: 5.136 min
Delta R.T.: -0.004 min
Response: 13796117
Conc: 375.69 ng/ml



#23 AR-1248-3

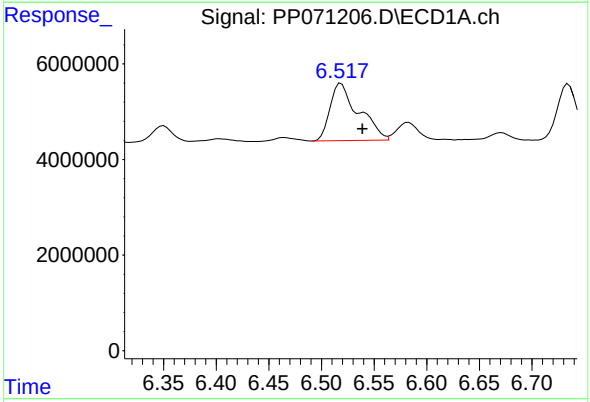
R.T.: 6.144 min
Delta R.T.: 0.004 min
Response: 17838114
Conc: 352.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



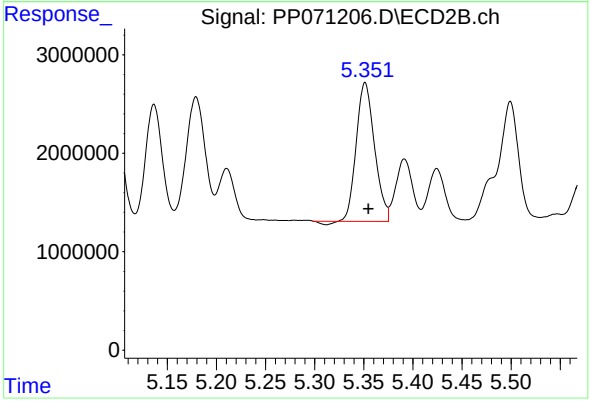
#23 AR-1248-3

R.T.: 5.179 min
Delta R.T.: -0.004 min
Response: 16801687
Conc: 434.61 ng/ml



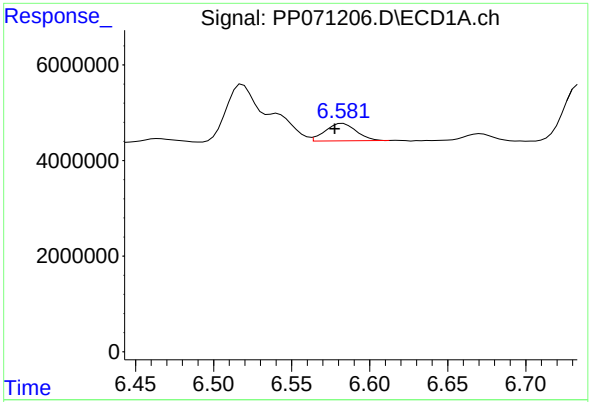
#24 AR-1248-4

R.T.: 6.519 min
Delta R.T.: -0.020 min
Response: 22592835
Conc: 352.20 ng/ml



#24 AR-1248-4

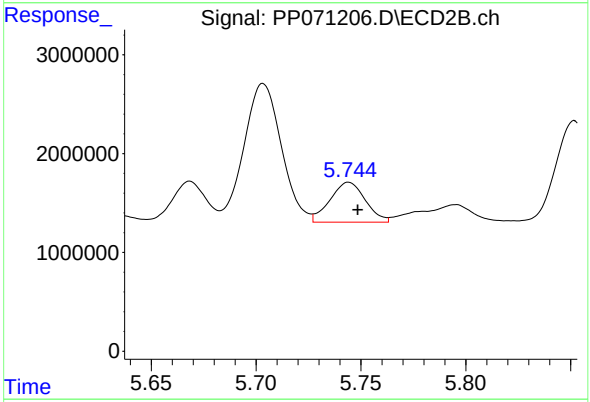
R.T.: 5.351 min
Delta R.T.: -0.003 min
Response: 18135727
Conc: 401.76 ng/ml



#25 AR-1248-5

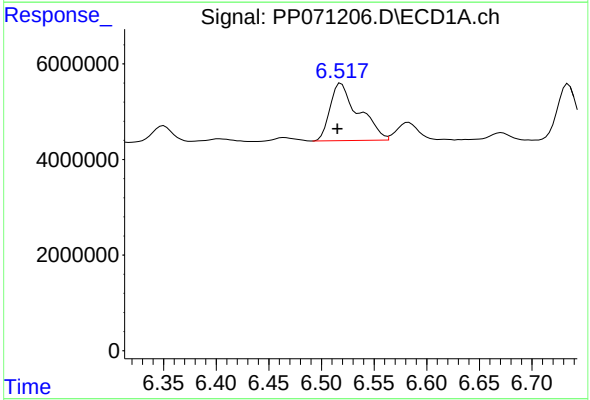
R.T.: 6.583 min
Delta R.T.: 0.005 min
Response: 5063674
Conc: 83.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



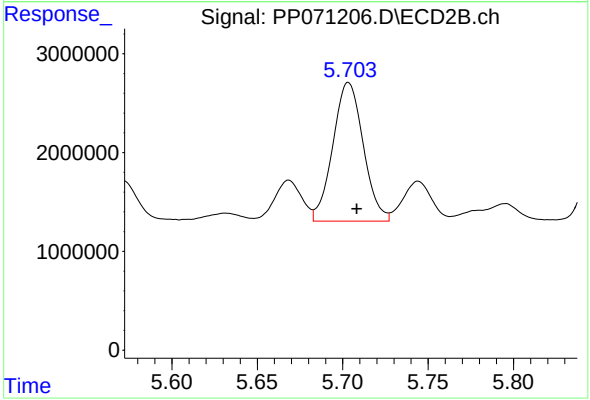
#25 AR-1248-5

R.T.: 5.744 min
Delta R.T.: -0.004 min
Response: 4750833
Conc: 111.32 ng/ml



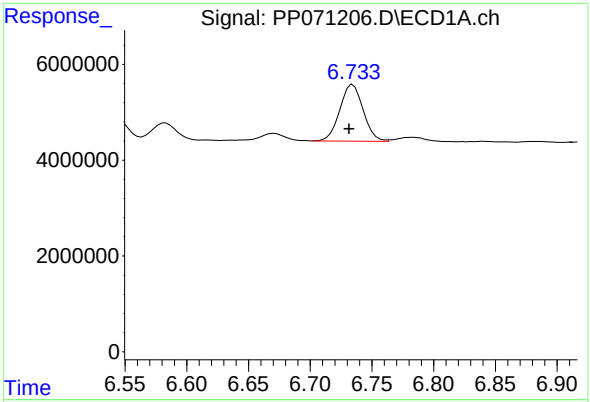
#26 AR-1254-1

R.T.: 6.519 min
Delta R.T.: 0.004 min
Response: 22592835
Conc: 350.87 ng/ml



#26 AR-1254-1

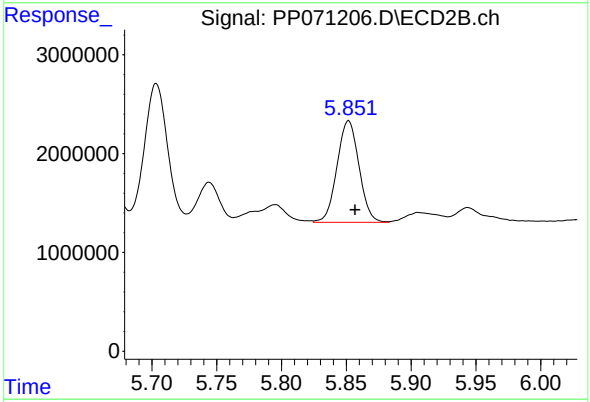
R.T.: 5.703 min
Delta R.T.: -0.005 min
Response: 17438110
Conc: 264.14 ng/ml



#27 AR-1254-2

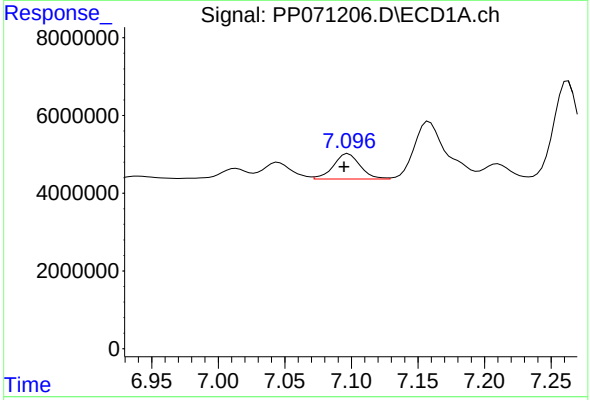
R.T.: 6.735 min
Delta R.T.: 0.003 min
Response: 15621126
Conc: 154.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



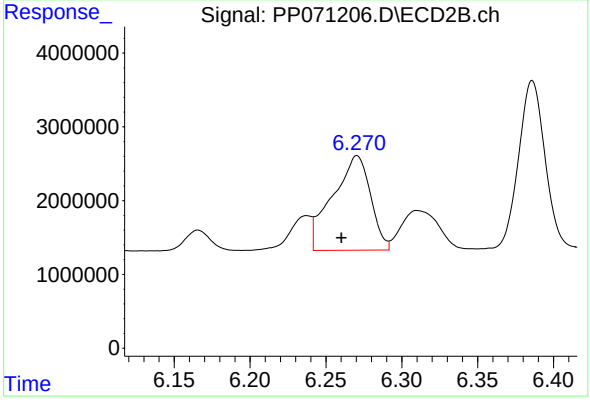
#27 AR-1254-2

R.T.: 5.852 min
Delta R.T.: -0.005 min
Response: 12127821
Conc: 212.40 ng/ml



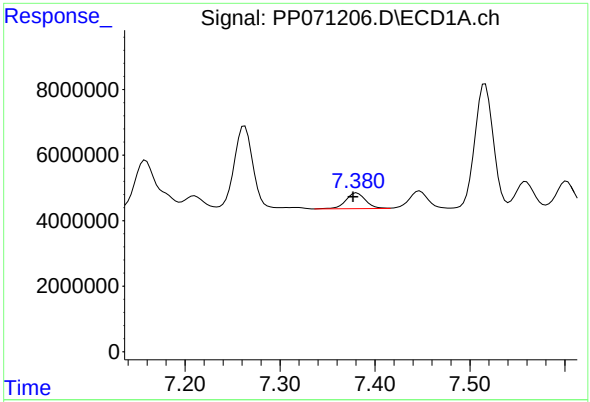
#28 AR-1254-3

R.T.: 7.098 min
Delta R.T.: 0.003 min
Response: 9091842
Conc: 91.17 ng/ml



#28 AR-1254-3

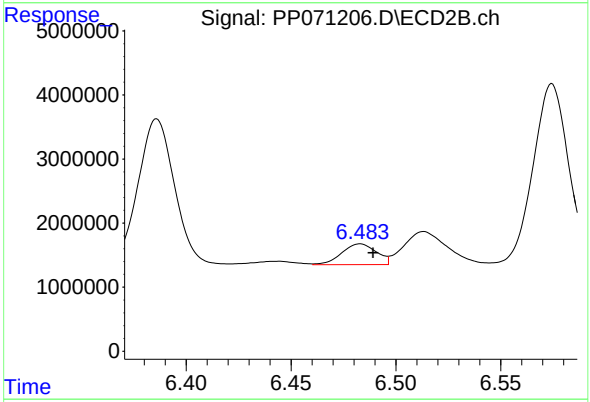
R.T.: 6.271 min
Delta R.T.: 0.010 min
Response: 22345675
Conc: 257.32 ng/ml



#29 AR-1254-4

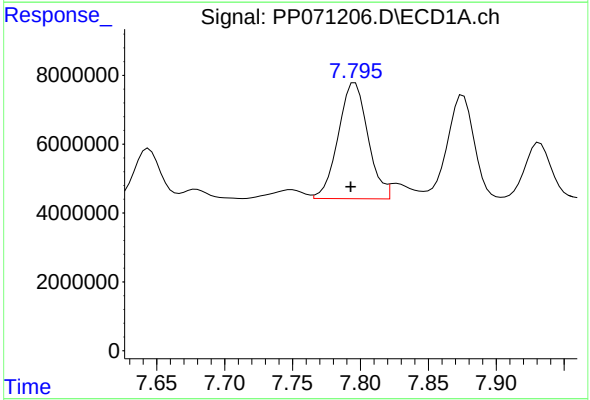
R.T.: 7.381 min
Delta R.T.: 0.004 min
Response: 6991611
Conc: 80.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



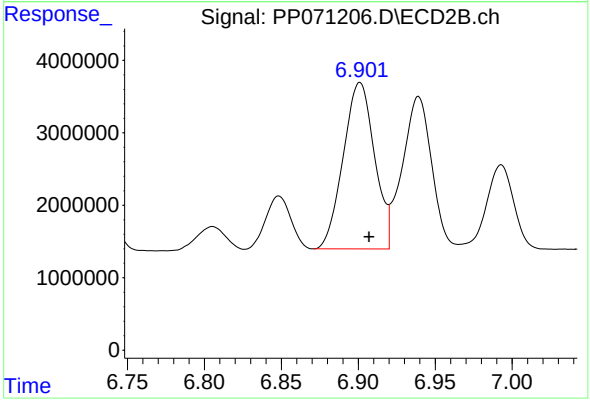
#29 AR-1254-4

R.T.: 6.483 min
Delta R.T.: -0.006 min
Response: 3738269
Conc: 66.64 ng/ml



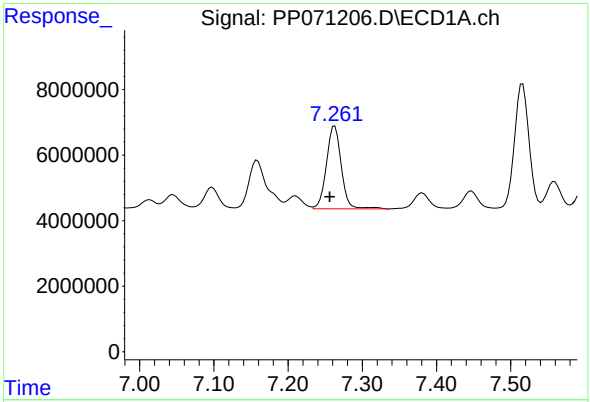
#30 AR-1254-5

R.T.: 7.796 min
Delta R.T.: 0.003 min
Response: 51242910
Conc: 637.74 ng/ml



#30 AR-1254-5

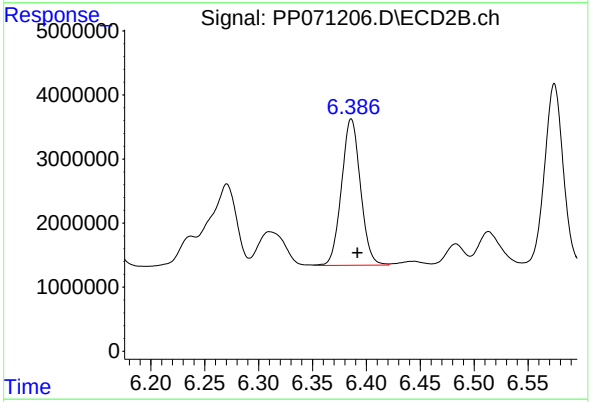
R.T.: 6.901 min
Delta R.T.: -0.006 min
Response: 32468361
Conc: 450.01 ng/ml



#31 AR-1260-1

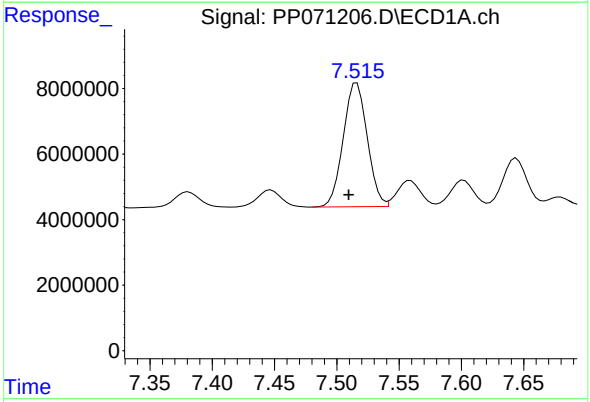
R.T.: 7.263 min
Delta R.T.: 0.007 min
Response: 35278629
Conc: 525.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



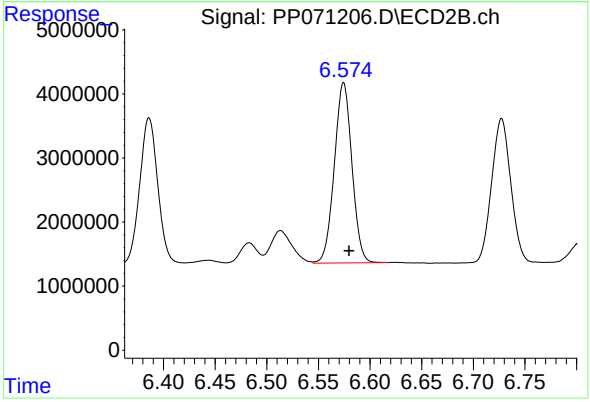
#31 AR-1260-1

R.T.: 6.386 min
Delta R.T.: -0.006 min
Response: 27962514
Conc: 546.08 ng/ml



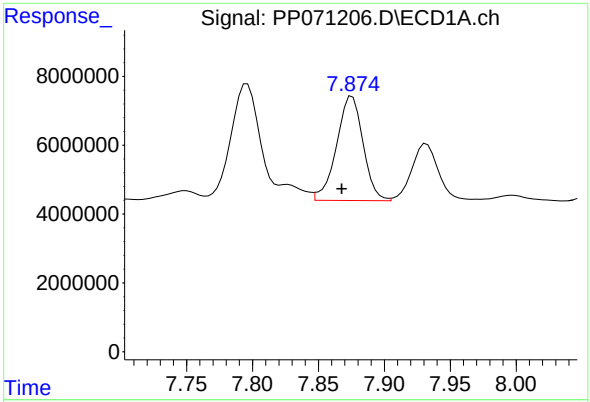
#32 AR-1260-2

R.T.: 7.516 min
Delta R.T.: 0.006 min
Response: 50926026
Conc: 529.73 ng/ml



#32 AR-1260-2

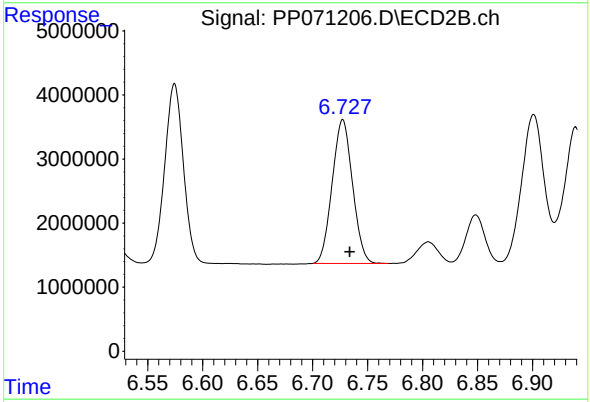
R.T.: 6.574 min
Delta R.T.: -0.005 min
Response: 33400911
Conc: 523.58 ng/ml



#33 AR-1260-3

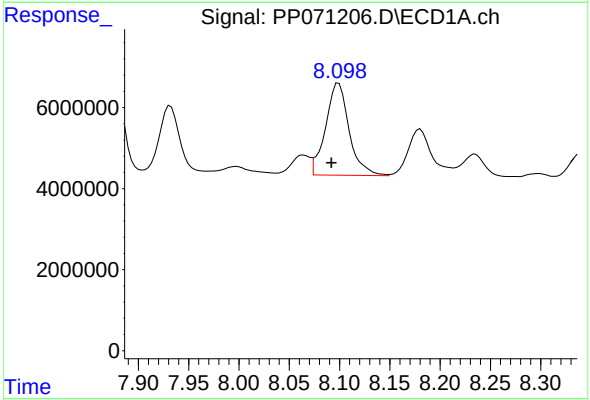
R.T.: 7.876 min
Delta R.T.: 0.008 min
Response: 42472032
Conc: 531.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



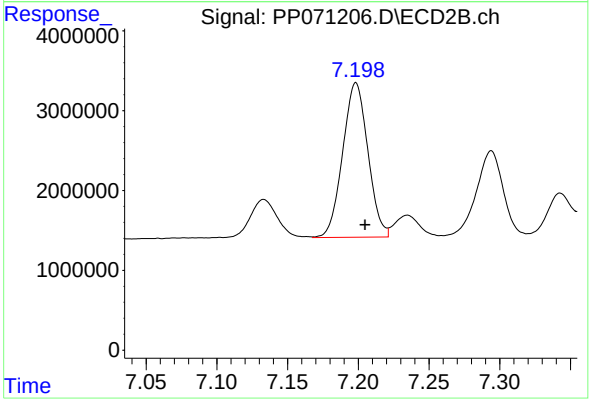
#33 AR-1260-3

R.T.: 6.727 min
Delta R.T.: -0.006 min
Response: 28901515
Conc: 530.43 ng/ml



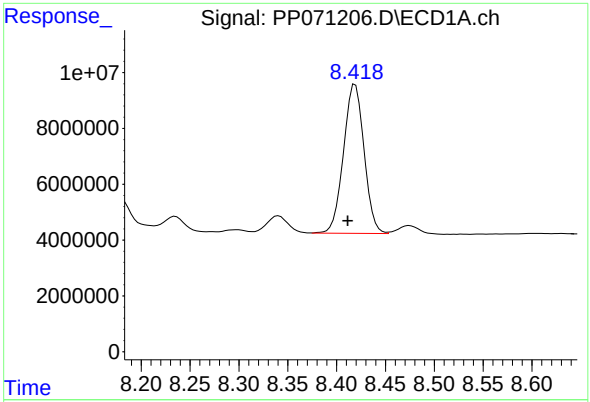
#34 AR-1260-4

R.T.: 8.099 min
Delta R.T.: 0.007 min
Response: 37018676
Conc: 470.16 ng/ml



#34 AR-1260-4

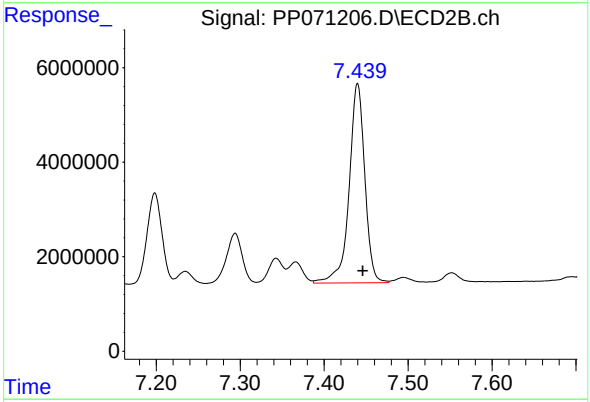
R.T.: 7.198 min
Delta R.T.: -0.006 min
Response: 24018074
Conc: 502.19 ng/ml



#35 AR-1260-5

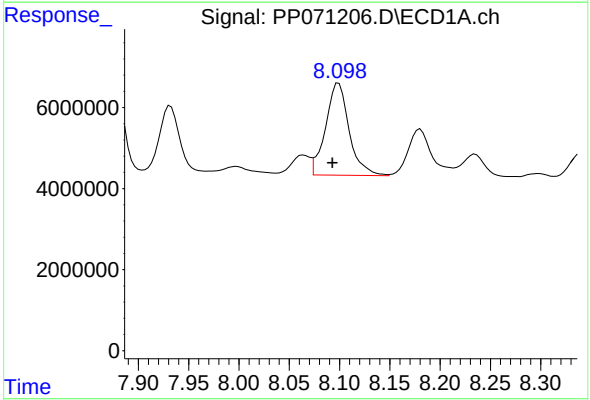
R.T.: 8.419 min
Delta R.T.: 0.008 min
Response: 78253944
Conc: 492.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



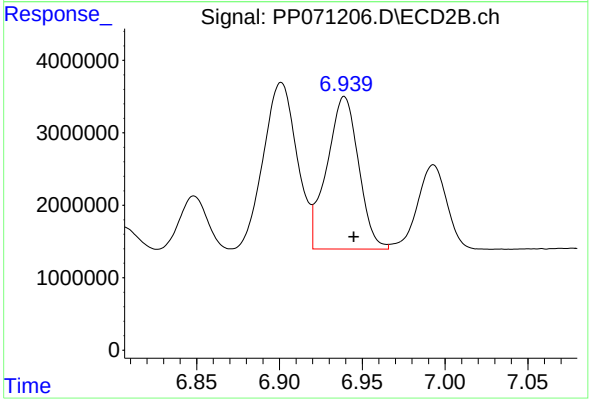
#35 AR-1260-5

R.T.: 7.440 min
Delta R.T.: -0.006 min
Response: 54802398
Conc: 440.14 ng/ml



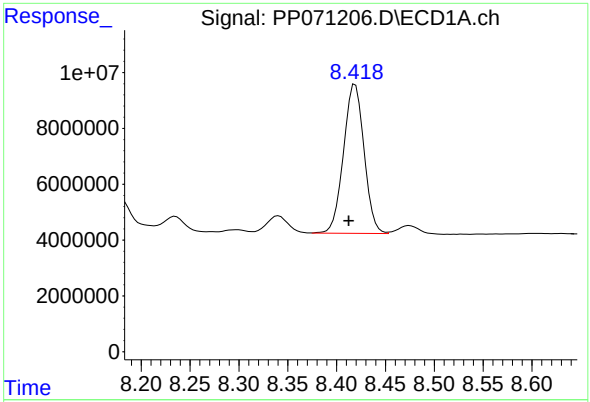
#36 AR-1262-1

R.T.: 8.099 min
Delta R.T.: 0.006 min
Response: 37018676
Conc: 348.25 ng/ml



#36 AR-1262-1

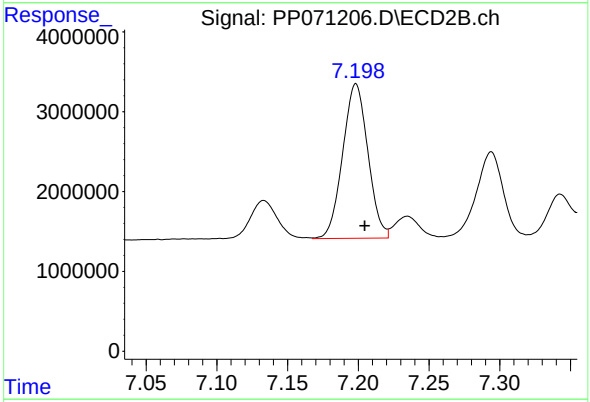
R.T.: 6.939 min
Delta R.T.: -0.006 min
Response: 28017593
Conc: 327.45 ng/ml



#37 AR-1262-2

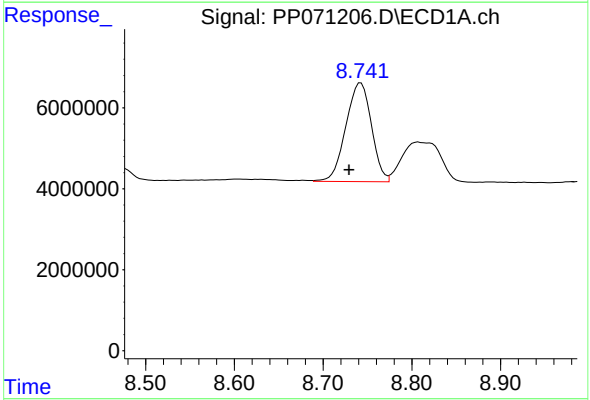
R.T.: 8.419 min
Delta R.T.: 0.007 min
Response: 78253944
Conc: 394.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



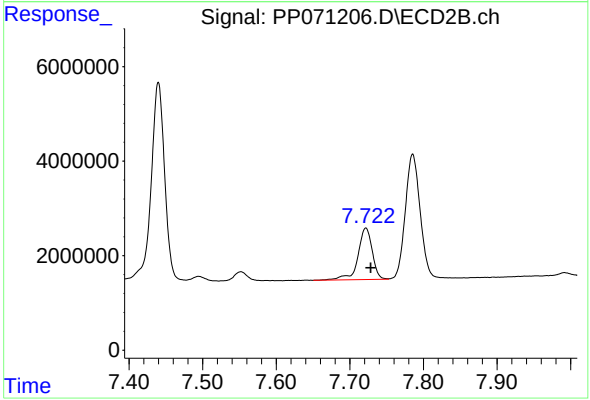
#37 AR-1262-2

R.T.: 7.198 min
Delta R.T.: -0.006 min
Response: 24018074
Conc: 350.81 ng/ml



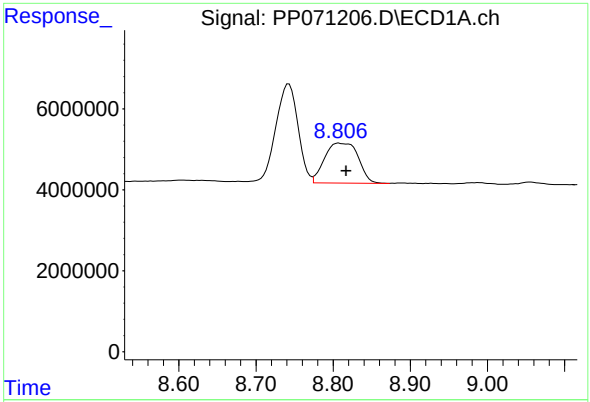
#38 AR-1262-3

R.T.: 8.743 min
Delta R.T.: 0.013 min
Response: 48931869
Conc: 371.42 ng/ml



#38 AR-1262-3

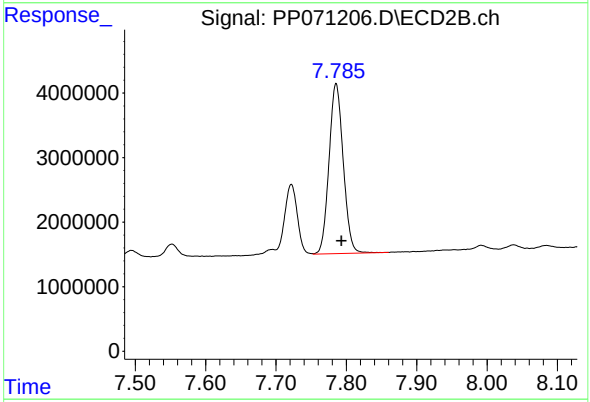
R.T.: 7.722 min
Delta R.T.: -0.007 min
Response: 14650843
Conc: 241.27 ng/ml



#39 AR-1262-4

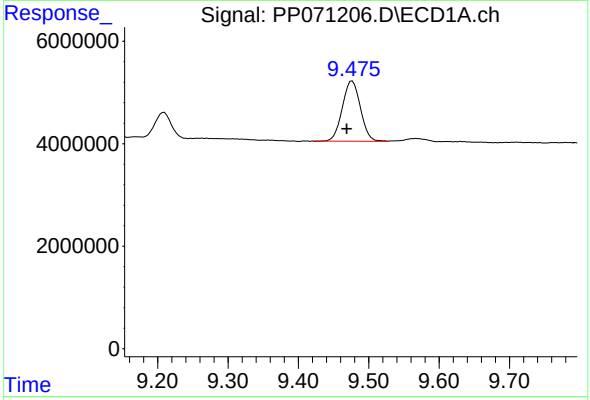
R.T.: 8.808 min
Delta R.T.: -0.009 min
Response: 29988420
Conc: 313.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



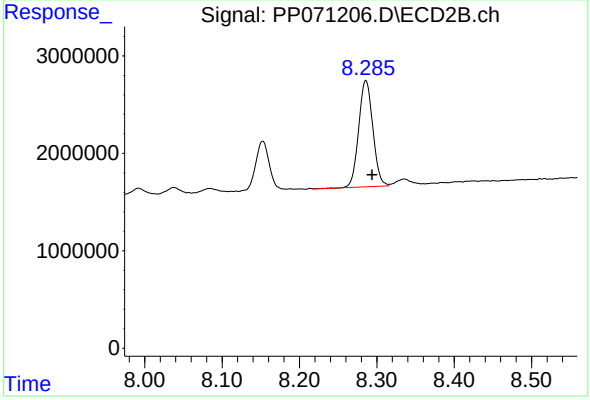
#39 AR-1262-4

R.T.: 7.785 min
Delta R.T.: -0.008 min
Response: 36947203
Conc: 371.68 ng/ml



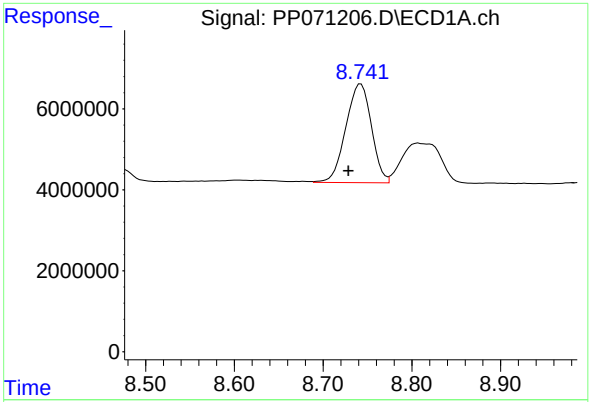
#40 AR-1262-5

R.T.: 9.476 min
Delta R.T.: 0.007 min
Response: 21073763
Conc: 323.88 ng/ml



#40 AR-1262-5

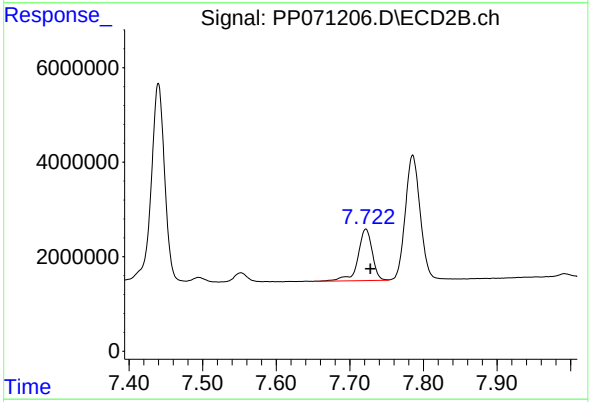
R.T.: 8.286 min
Delta R.T.: -0.008 min
Response: 13867015
Conc: 295.85 ng/ml



#41 AR-1268-1

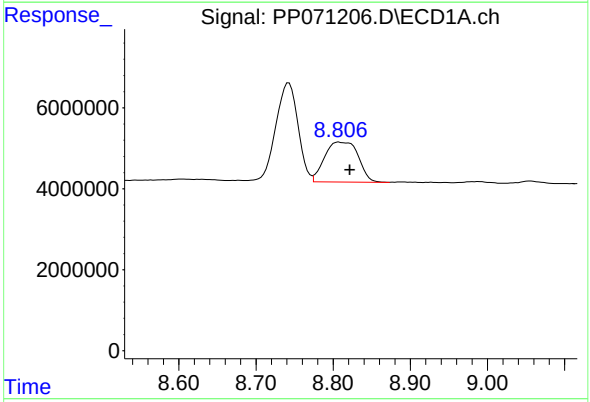
R.T.: 8.743 min
Delta R.T.: 0.014 min
Response: 48931869
Conc: 207.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



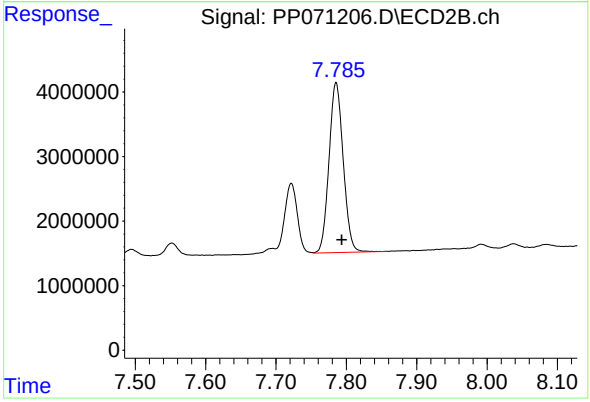
#41 AR-1268-1

R.T.: 7.722 min
Delta R.T.: -0.006 min
Response: 14650843
Conc: 85.48 ng/ml



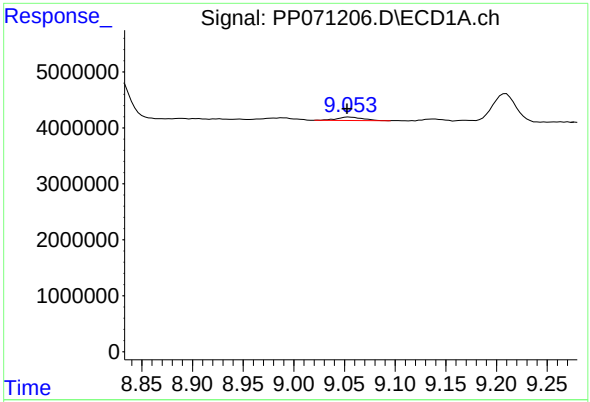
#42 AR-1268-2

R.T.: 8.808 min
Delta R.T.: -0.013 min
Response: 29988420
Conc: 153.54 ng/ml



#42 AR-1268-2

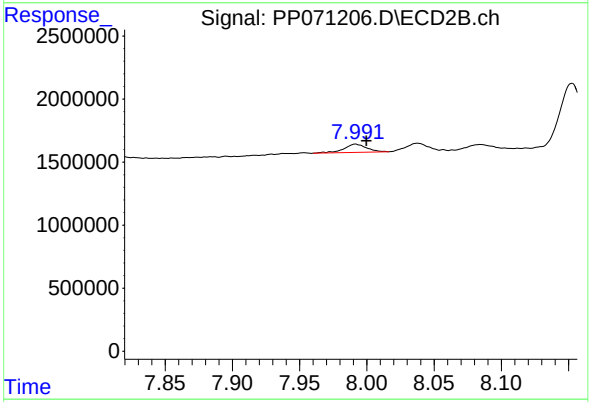
R.T.: 7.785 min
Delta R.T.: -0.008 min
Response: 36947203
Conc: 257.86 ng/ml



#43 AR-1268-3

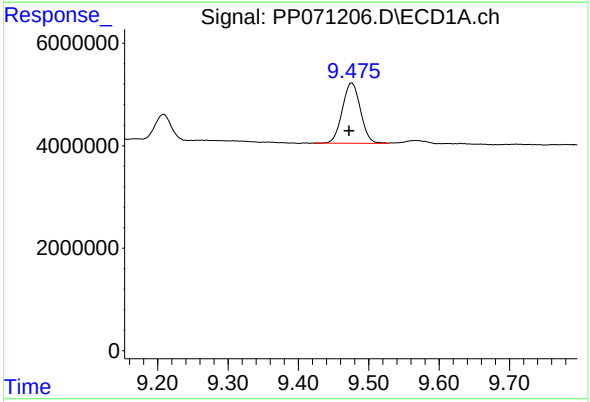
R.T.: 9.055 min
Delta R.T.: 0.002 min
Response: 1050333
Conc: 6.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



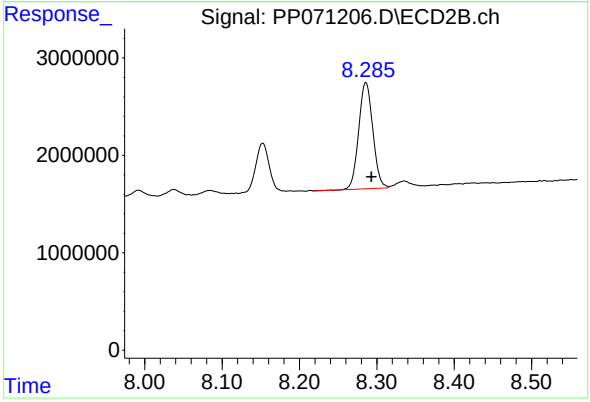
#43 AR-1268-3

R.T.: 7.992 min
Delta R.T.: -0.008 min
Response: 755152
Conc: 6.13 ng/ml



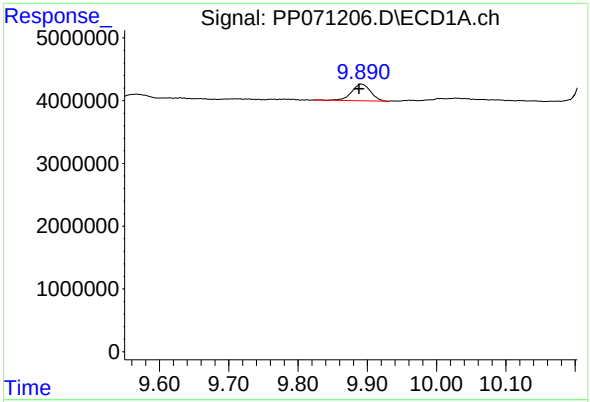
#44 AR-1268-4

R.T.: 9.476 min
Delta R.T.: 0.005 min
Response: 21073763
Conc: 297.87 ng/ml



#44 AR-1268-4

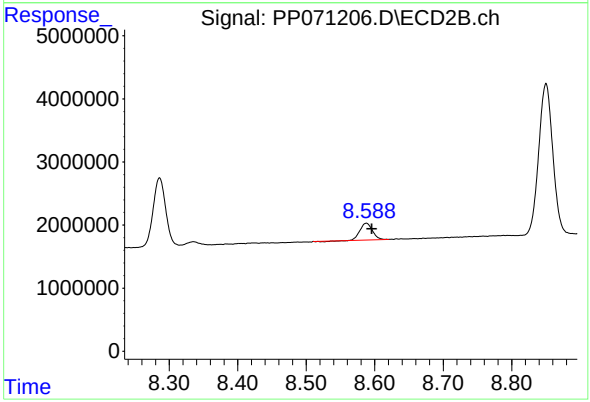
R.T.: 8.286 min
Delta R.T.: -0.007 min
Response: 13867015
Conc: 262.57 ng/ml



#45 AR-1268-5

R.T.: 9.892 min
Delta R.T.: 0.004 min
Response: 4999666
Conc: 10.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.588 min
Delta R.T.: -0.008 min
Response: 3266175
Conc: 9.03 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041025\
Data File : PP071215.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 19:49
Operator : YP\AJ
Sample : Q1774-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TT-074-IDWGW-20250409

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 11 01:39:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.515	3.814	37777800	26711204	25.847	25.767	
2)	SA Decachlor...	10.233	8.851	8319859	5746962	7.904	7.291	
	Target Compounds							
3)	L1 AR-1016-1	5.687	4.904	1541412	452712	30.312	11.293	#
4)	L1 AR-1016-2	5.687	4.904	1541412	452712	19.748	7.824	#
5)	L1 AR-1016-3	5.738	5.089	2356336	85185	49.949	2.755	#
6)	L1 AR-1016-4	5.845	5.139	1641798	588504	44.668	24.163	#
7)	L1 AR-1016-5	0.000	5.359	0	14409	N.D.	0.446	#
8)	L2 AR-1221-1	4.716	4.038	8416536	87015	485.001	5.708	#
9)	L2 AR-1221-2	4.818	4.097	2990838	3106444	230.901	271.630	
10)	L2 AR-1221-3	4.818f	4.152f	2990838	78232	71.693	2.295	#
11)	L3 AR-1232-1	4.818f	4.152f	2990838	78232	89.845	2.795	#
12)	L3 AR-1232-2	5.432	4.904	744402	452712	46.787	16.133	#
13)	L3 AR-1232-3	5.687	5.089	1541412	85185	44.978	5.721	#
14)	L3 AR-1232-4	5.845	5.172	1641798	50572	104.523	3.950	#
15)	L3 AR-1232-5	5.941	5.359	939255	14409	88.273	1.017	#
16)	L4 AR-1242-1	5.687	4.904	1541412	452712	35.050	13.239	#
17)	L4 AR-1242-2	5.687	4.904	1541412	452712	23.966	9.191	#
18)	L4 AR-1242-3	5.738	5.089	2356336	85185	57.416	3.197	#
19)	L4 AR-1242-4	5.845	5.172	1641798	50572	53.788	1.917	#
20)	L4 AR-1242-5	6.541	5.701	844746	102402	23.137	3.308	#
21)	L5 AR-1248-1	5.687	4.904	1541412	452712	42.478	16.718	#
22)	L5 AR-1248-2	5.941	5.139	939255	588504	20.901	16.026	
23)	L5 AR-1248-3	0.000	5.172	0	50572	N.D.	1.308	#
24)	L5 AR-1248-4	6.541	5.359	844746	14409	13.169	0.319	#
25)	L5 AR-1248-5	6.541f	5.747	844746	103729	13.883	2.430	#
26)	L6 AR-1254-1	6.516	5.701	565340	102402	8.780	1.551	#
27)	L6 AR-1254-2	0.000	5.868	0	55402	N.D.	0.970	#
28)	L6 AR-1254-3	0.000	6.277	0	123746	N.D.	1.425	#
29)	L6 AR-1254-4	0.000	6.500	0	251184	N.D.	4.477	#
30)	L6 AR-1254-5	0.000	6.897	0	140612	N.D.	1.949	#
31)	L7 AR-1260-1	7.306f	6.383	172146	36607	2.563	0.715	#
32)	L7 AR-1260-2	7.528	6.556	259264	84364	2.697	1.322	#
33)	L7 AR-1260-3	0.000	6.746	0	262168	N.D.	4.812	#
34)	L7 AR-1260-4	0.000	7.209	0	208462	N.D.	4.359	#
35)	L7 AR-1260-5	0.000	7.447	0	59335	N.D.	0.477	#
36)	L8 AR-1262-1	0.000	6.961	0	78271	N.D.	0.915	#
37)	L8 AR-1262-2	0.000	7.209	0	208462	N.D.	3.045	#
38)	L8 AR-1262-3	0.000	7.733	0	201912	N.D.	3.325	#
39)	L8 AR-1262-4	0.000	7.798	0	265386	N.D.	2.670	#
40)	L8 AR-1262-5	0.000	8.354f	0	627353	N.D.	13.384	#
41)	L9 AR-1268-1	0.000	7.733	0	201912	N.D.	1.178	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041025\
Data File : PP071215.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 19:49
Operator : YP\AJ
Sample : Q1774-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TT-074-IDWGW-20250409

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 11 01:39:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.798	0	265386	N.D.	1.852 #
44) L9	AR-1268-4	0.000	8.354f	0	627353	N.D.	11.879 #
45) L9	AR-1268-5	0.000	8.587	0	67794	N.D.	0.187 #

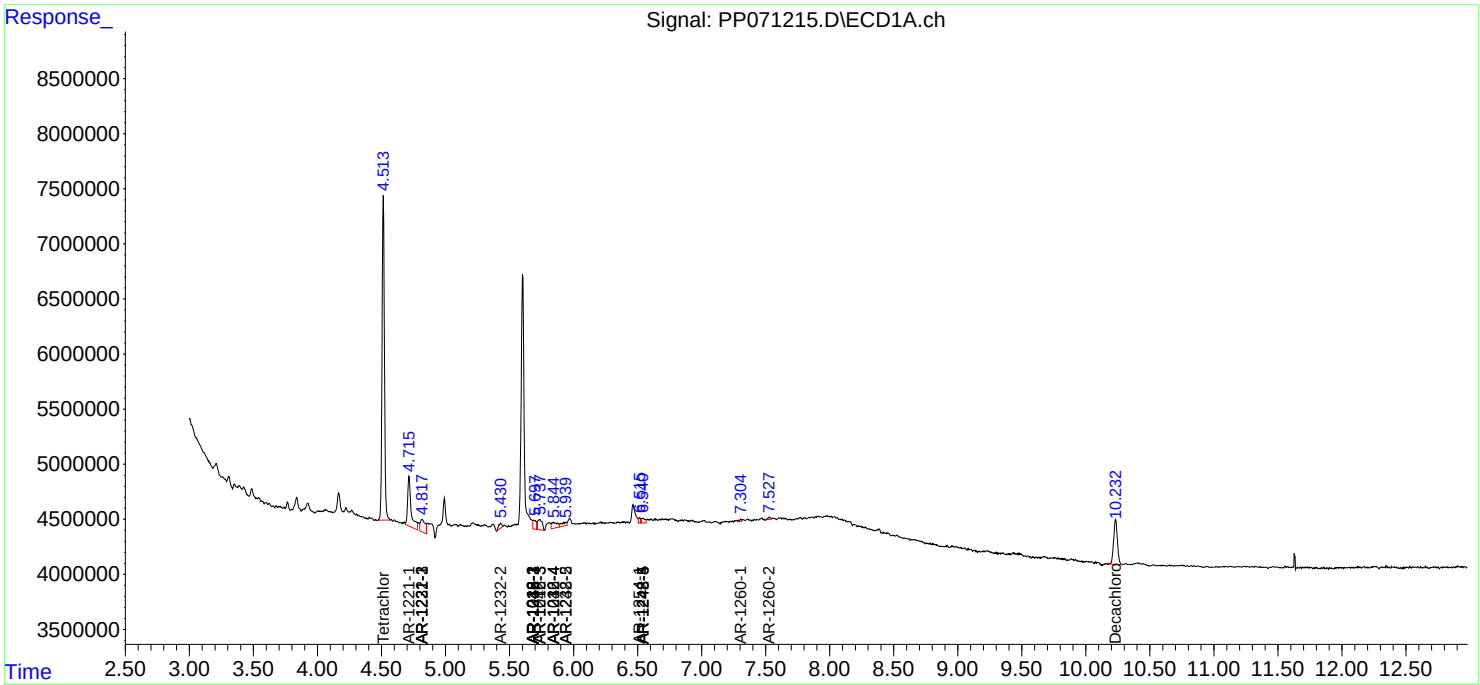
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

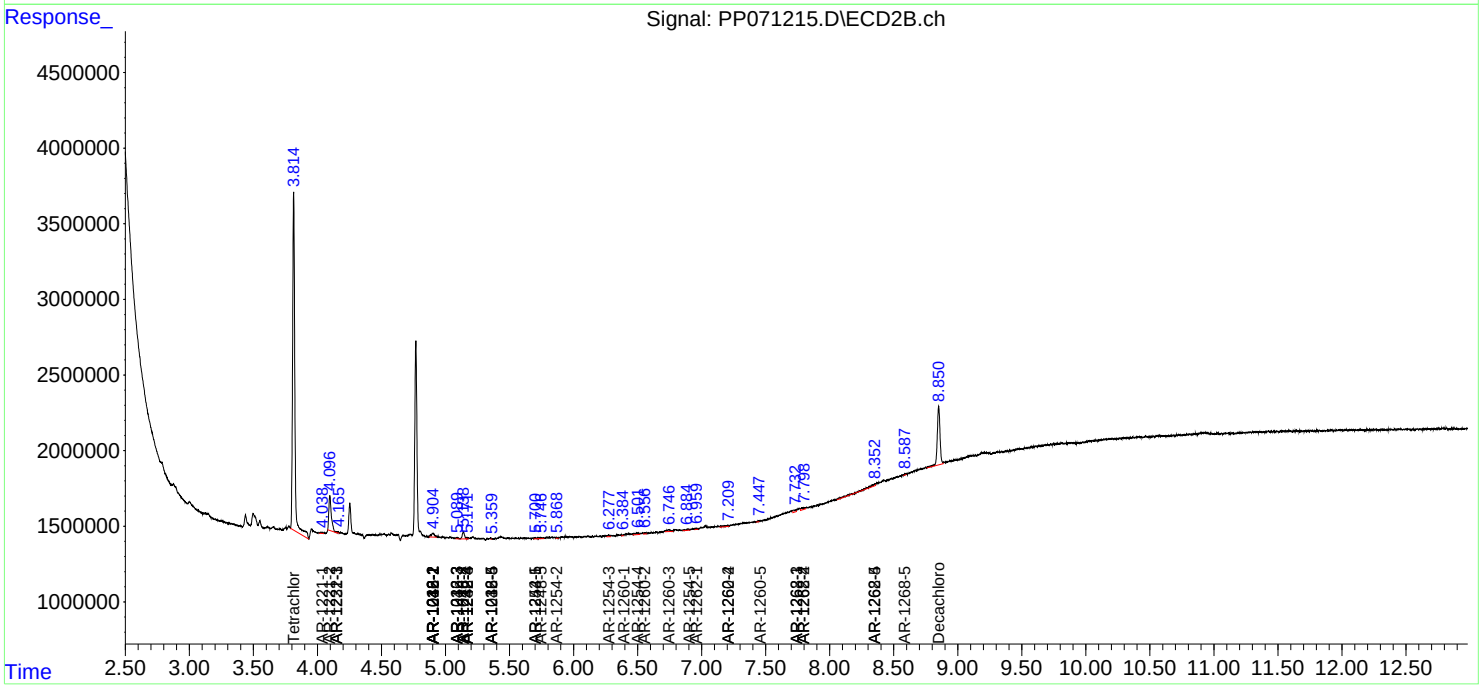
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041025\
Data File : PP071215.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 19:49
Operator : YP\AJ
Sample : Q1774-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

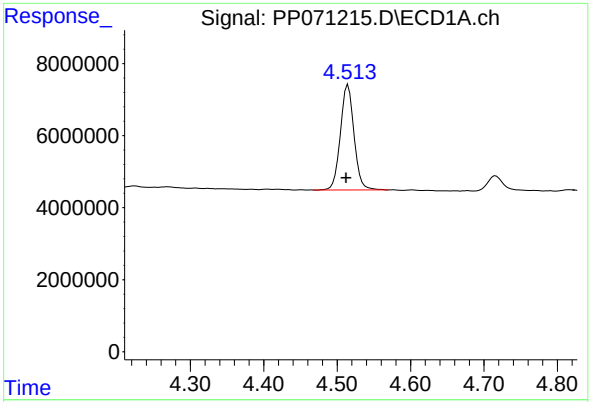
Instrument :
ECD_P
ClientSampleId :
TT-074-IDWGW-20250409

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 11 01:39:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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



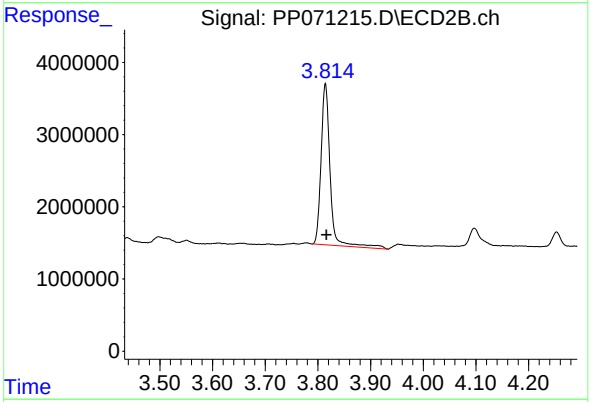




#1 Tetrachloro-m-xylene

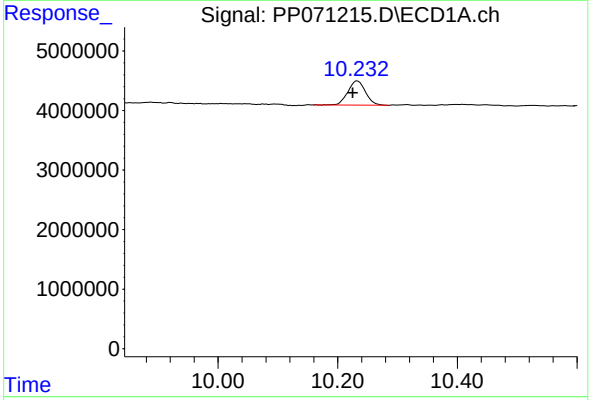
R.T.: 4.515 min
Delta R.T.: 0.003 min
Response: 37777800
Conc: 25.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-074-IDWGW-20250409



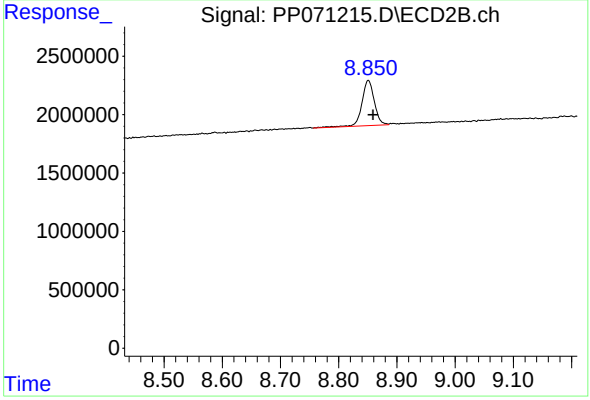
#1 Tetrachloro-m-xylene

R.T.: 3.814 min
Delta R.T.: -0.002 min
Response: 26711204
Conc: 25.77 ng/ml



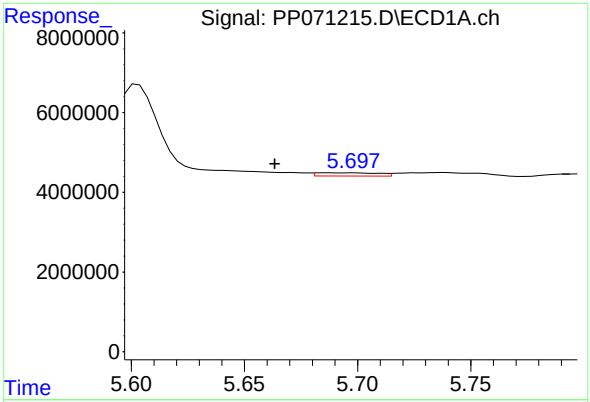
#2 Decachlorobiphenyl

R.T.: 10.233 min
Delta R.T.: 0.008 min
Response: 8319859
Conc: 7.90 ng/ml



#2 Decachlorobiphenyl

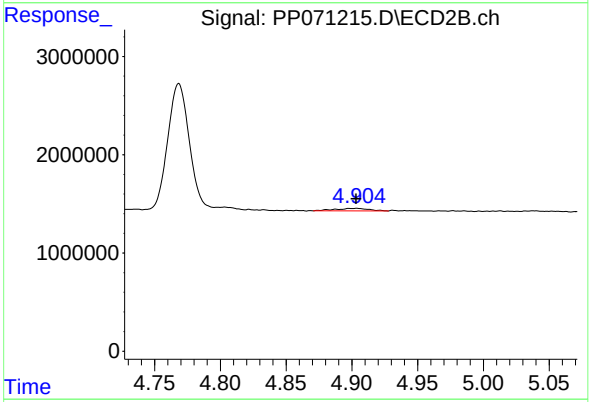
R.T.: 8.851 min
Delta R.T.: -0.008 min
Response: 5746962
Conc: 7.29 ng/ml



#3 AR-1016-1

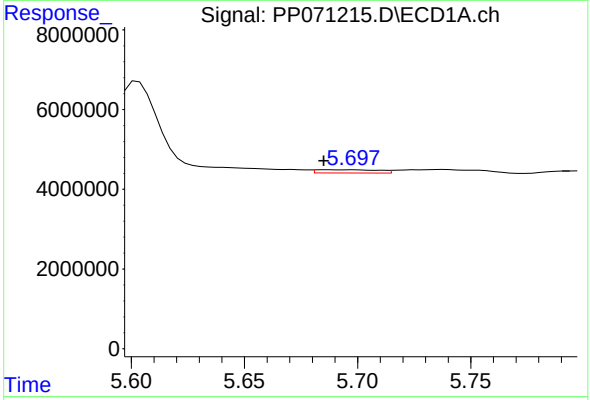
R.T.: 5.687 min
Delta R.T.: 0.024 min
Response: 1541412
Conc: 30.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-074-IDWGW-20250409



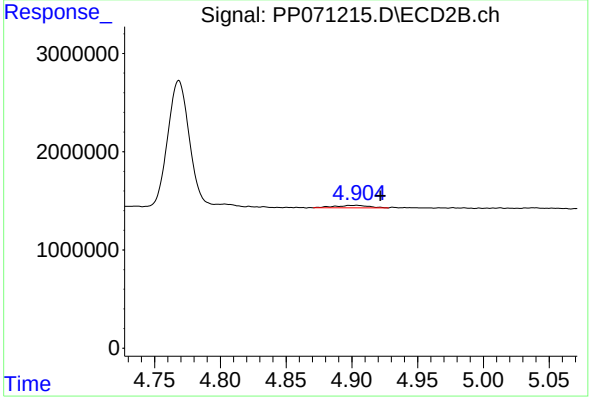
#3 AR-1016-1

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 452712
Conc: 11.29 ng/ml



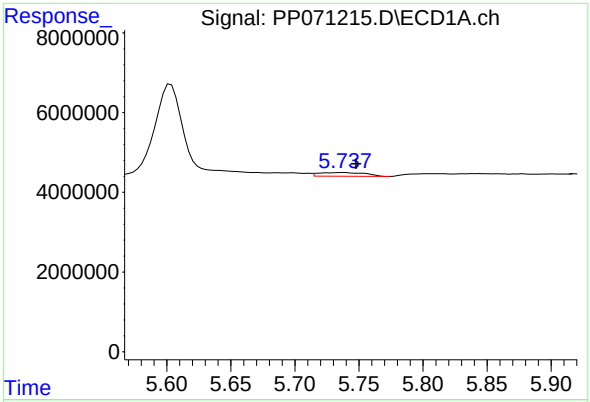
#4 AR-1016-2

R.T.: 5.687 min
Delta R.T.: 0.002 min
Response: 1541412
Conc: 19.75 ng/ml



#4 AR-1016-2

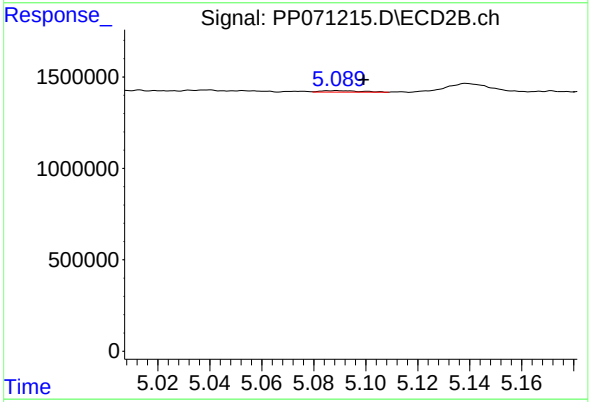
R.T.: 4.904 min
Delta R.T.: -0.018 min
Response: 452712
Conc: 7.82 ng/ml



#5 AR-1016-3

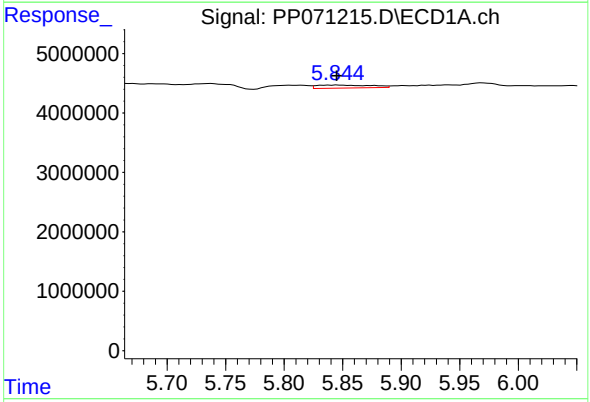
R.T.: 5.738 min
Delta R.T.: -0.010 min
Response: 2356336
Conc: 49.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-074-IDWGW-20250409



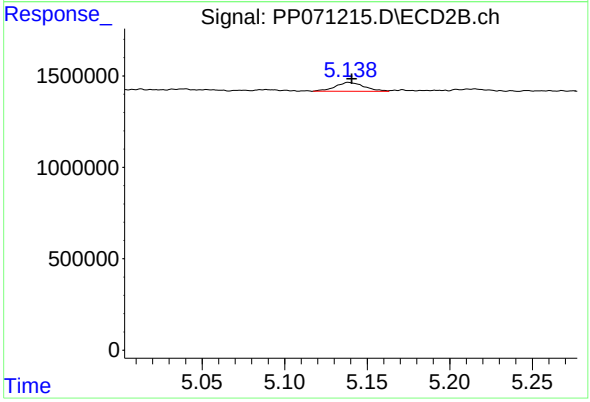
#5 AR-1016-3

R.T.: 5.089 min
Delta R.T.: -0.010 min
Response: 85185
Conc: 2.75 ng/ml



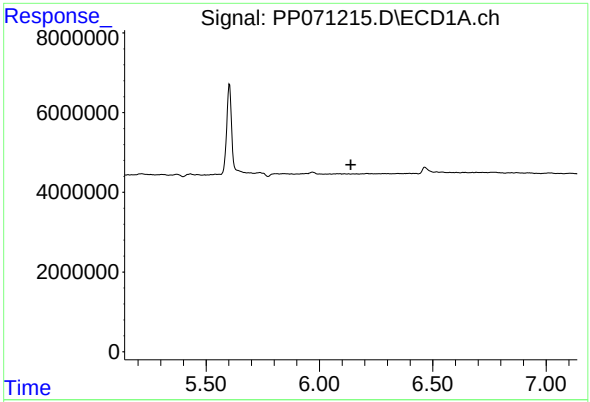
#6 AR-1016-4

R.T.: 5.845 min
Delta R.T.: 0.000 min
Response: 1641798
Conc: 44.67 ng/ml



#6 AR-1016-4

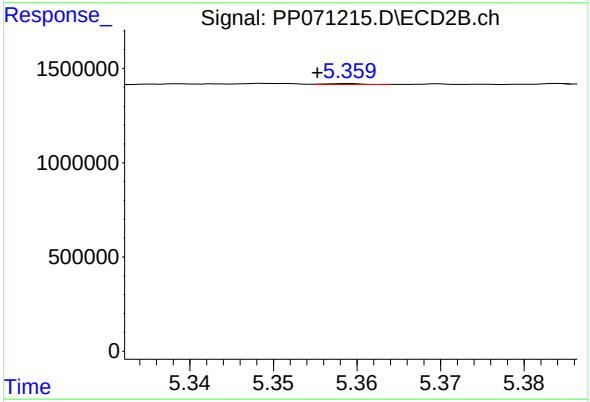
R.T.: 5.139 min
Delta R.T.: -0.002 min
Response: 588504
Conc: 24.16 ng/ml



#7 AR-1016-5

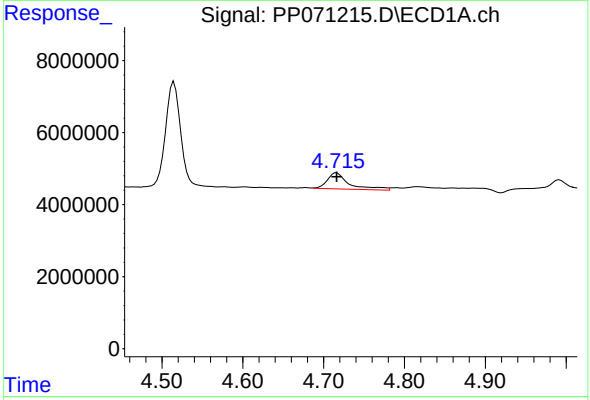
R.T.: 0.000 min
Exp R.T. : 6.138 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TT-074-IDWGW-20250409



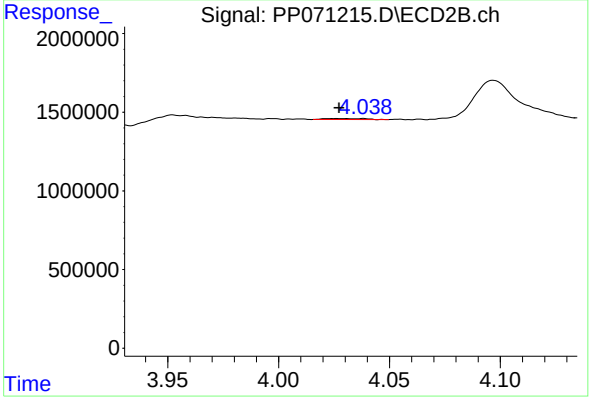
#7 AR-1016-5

R.T.: 5.359 min
Delta R.T.: 0.003 min
Response: 14409
Conc: 0.45 ng/ml



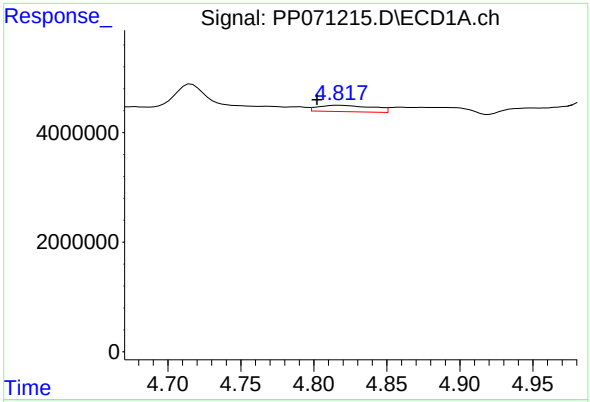
#8 AR-1221-1

R.T.: 4.716 min
Delta R.T.: 0.000 min
Response: 8416536
Conc: 485.00 ng/ml



#8 AR-1221-1

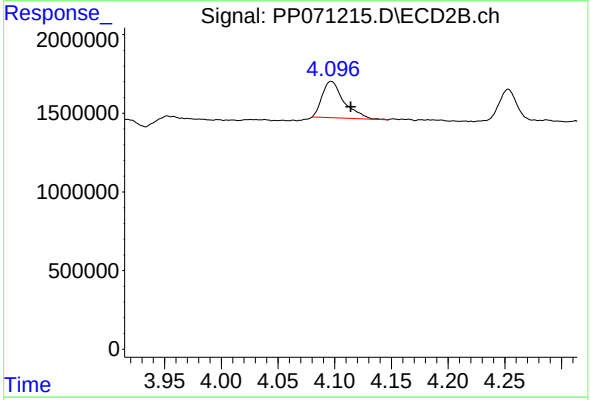
R.T.: 4.038 min
Delta R.T.: 0.011 min
Response: 87015
Conc: 5.71 ng/ml



#9 AR-1221-2

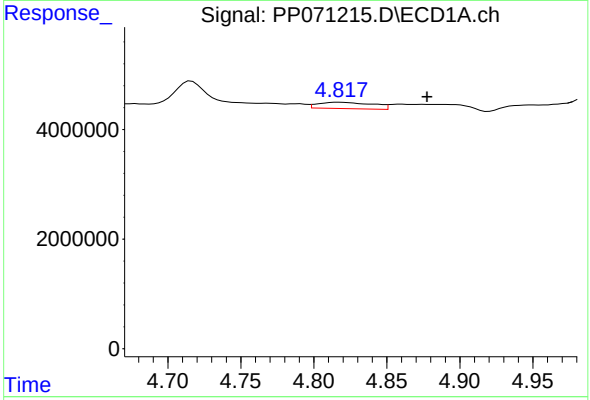
R.T.: 4.818 min
Delta R.T.: 0.016 min
Response: 2990838
Conc: 230.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-074-IDWGW-20250409



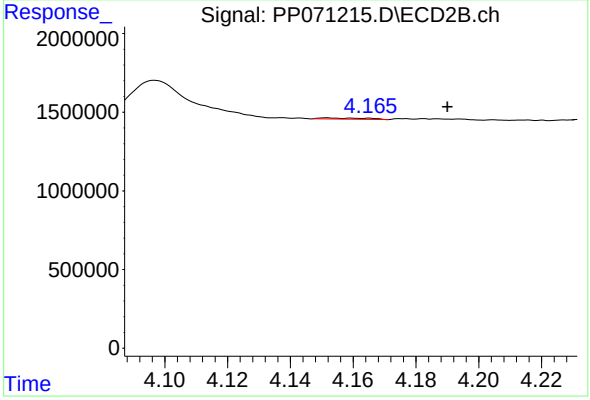
#9 AR-1221-2

R.T.: 4.097 min
Delta R.T.: -0.017 min
Response: 3106444
Conc: 271.63 ng/ml



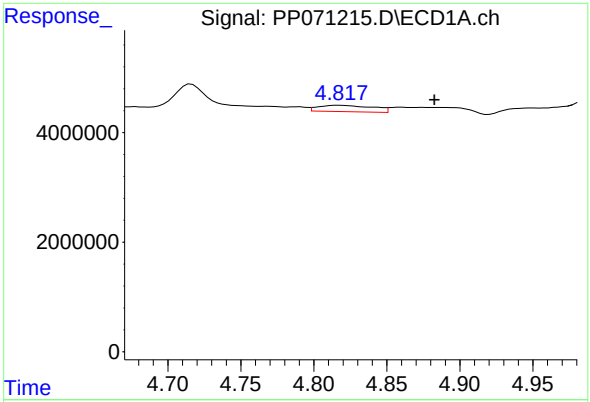
#10 AR-1221-3

R.T.: 4.818 min
Delta R.T.: -0.060 min
Response: 2990838
Conc: 71.69 ng/ml



#10 AR-1221-3

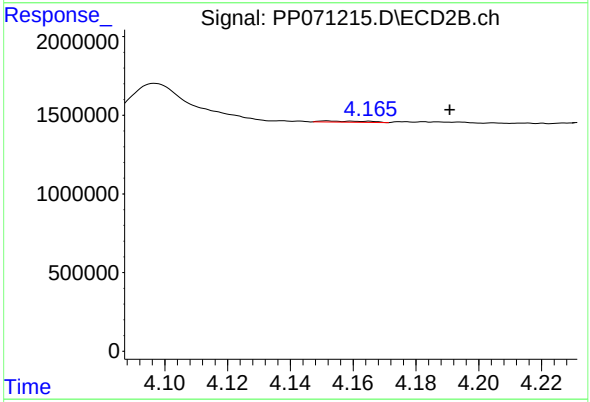
R.T.: 4.152 min
Delta R.T.: -0.038 min
Response: 78232
Conc: 2.29 ng/ml



#11 AR-1232-1

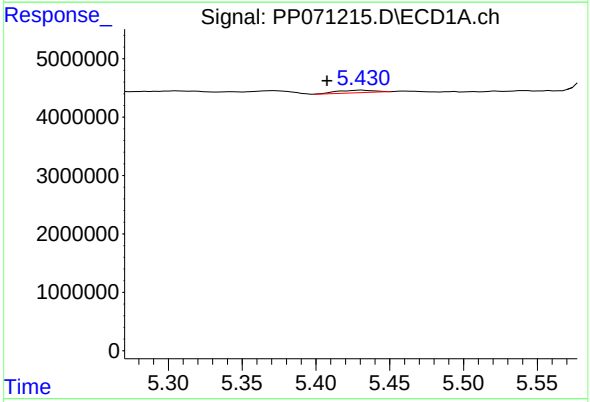
R.T.: 4.818 min
Delta R.T.: -0.065 min
Response: 2990838
Conc: 89.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-074-IDWGW-20250409



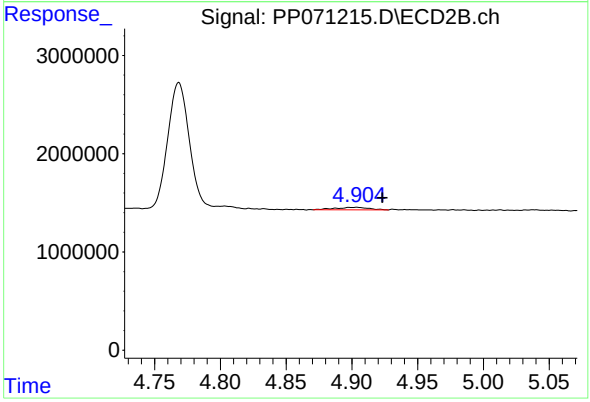
#11 AR-1232-1

R.T.: 4.152 min
Delta R.T.: -0.039 min
Response: 78232
Conc: 2.80 ng/ml



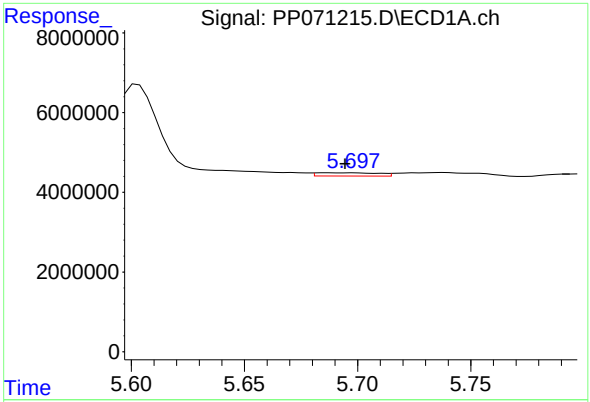
#12 AR-1232-2

R.T.: 5.432 min
Delta R.T.: 0.024 min
Response: 744402
Conc: 46.79 ng/ml



#12 AR-1232-2

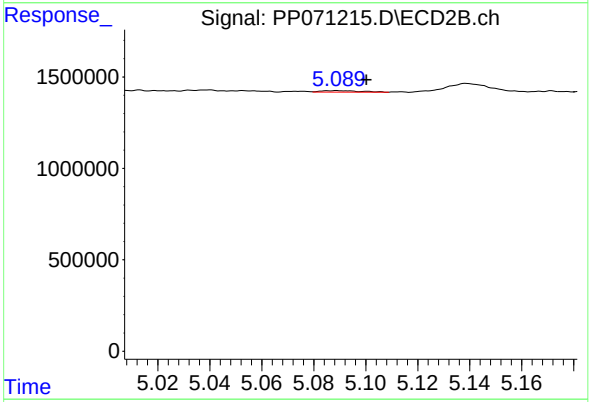
R.T.: 4.904 min
Delta R.T.: -0.020 min
Response: 452712
Conc: 16.13 ng/ml



#13 AR-1232-3

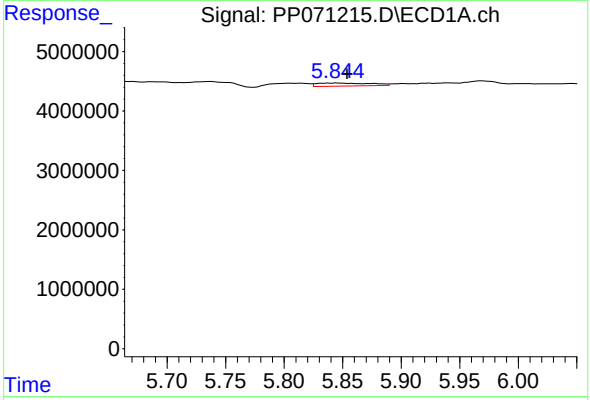
R.T.: 5.687 min
Delta R.T.: -0.007 min
Response: 1541412
Conc: 44.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-074-IDWGW-20250409



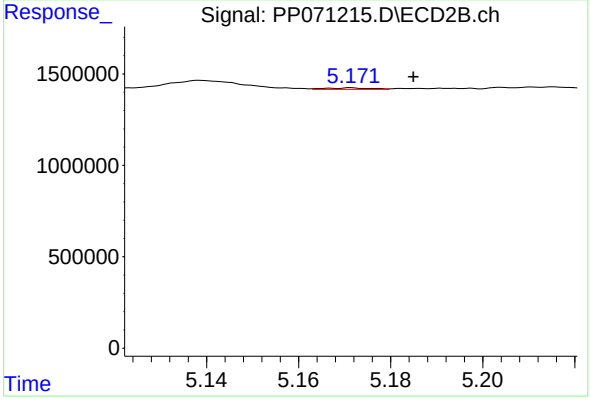
#13 AR-1232-3

R.T.: 5.089 min
Delta R.T.: -0.011 min
Response: 85185
Conc: 5.72 ng/ml



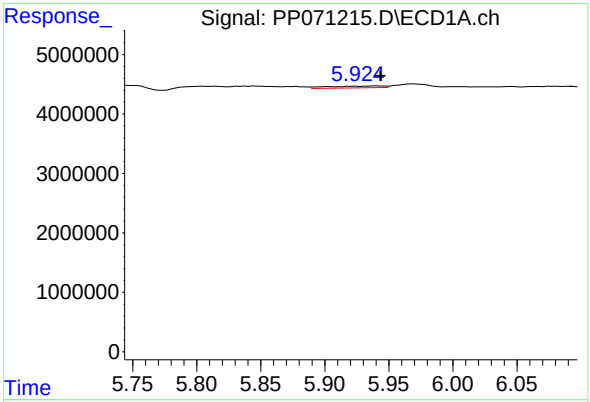
#14 AR-1232-4

R.T.: 5.845 min
Delta R.T.: -0.009 min
Response: 1641798
Conc: 104.52 ng/ml



#14 AR-1232-4

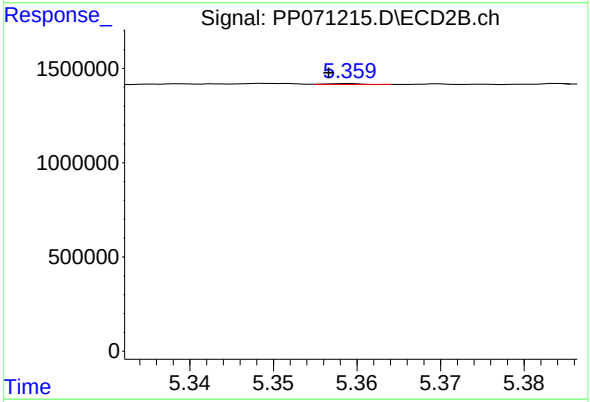
R.T.: 5.172 min
Delta R.T.: -0.013 min
Response: 50572
Conc: 3.95 ng/ml



#15 AR-1232-5

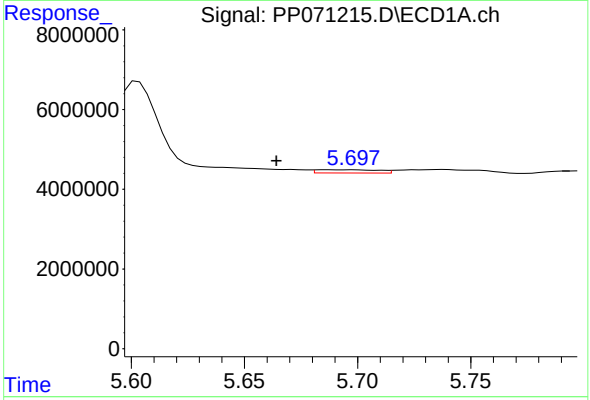
R.T.: 5.941 min
Delta R.T.: -0.002 min
Response: 939255
Conc: 88.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-074-IDWGW-20250409



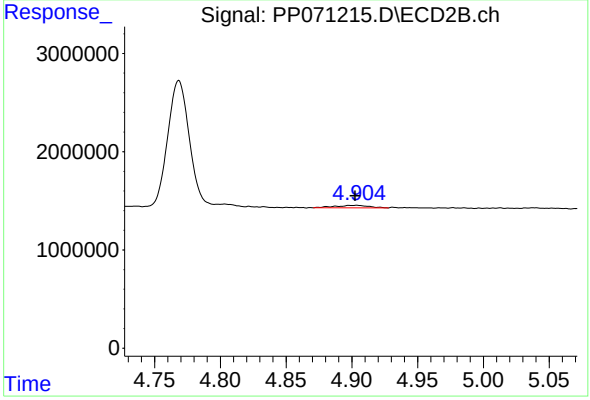
#15 AR-1232-5

R.T.: 5.359 min
Delta R.T.: 0.002 min
Response: 14409
Conc: 1.02 ng/ml



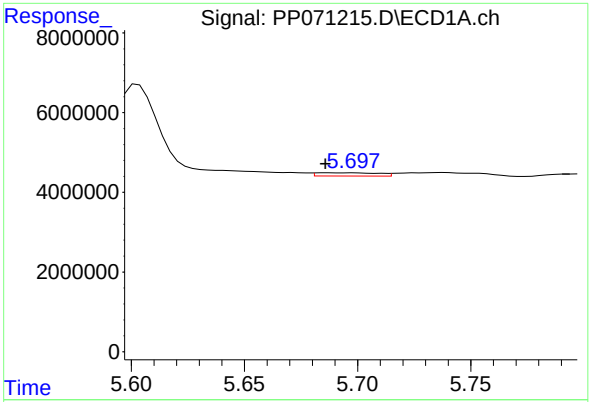
#16 AR-1242-1

R.T.: 5.687 min
Delta R.T.: 0.023 min
Response: 1541412
Conc: 35.05 ng/ml



#16 AR-1242-1

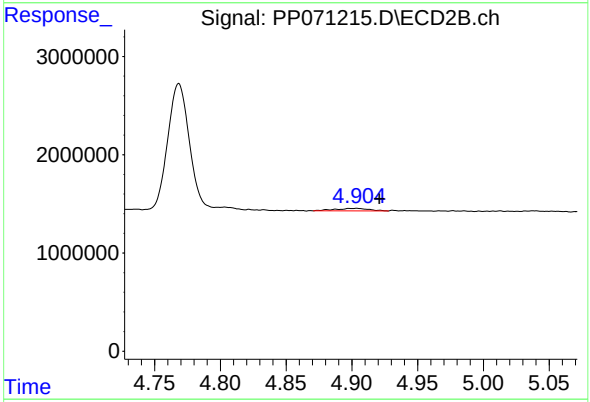
R.T.: 4.904 min
Delta R.T.: 0.001 min
Response: 452712
Conc: 13.24 ng/ml



#17 AR-1242-2

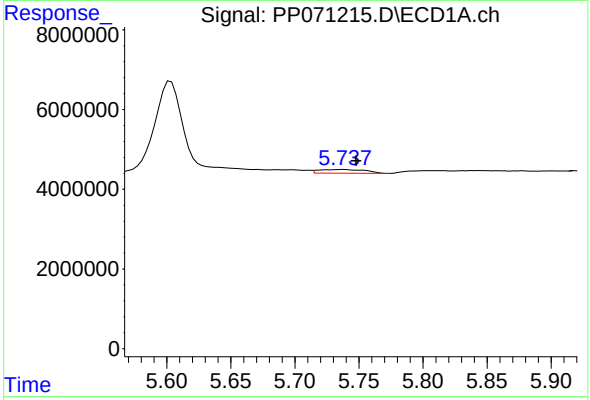
R.T.: 5.687 min
Delta R.T.: 0.001 min
Response: 1541412
Conc: 23.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-074-IDWGW-20250409



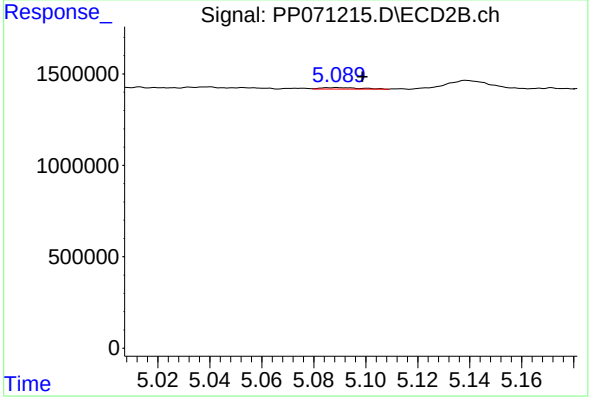
#17 AR-1242-2

R.T.: 4.904 min
Delta R.T.: -0.017 min
Response: 452712
Conc: 9.19 ng/ml



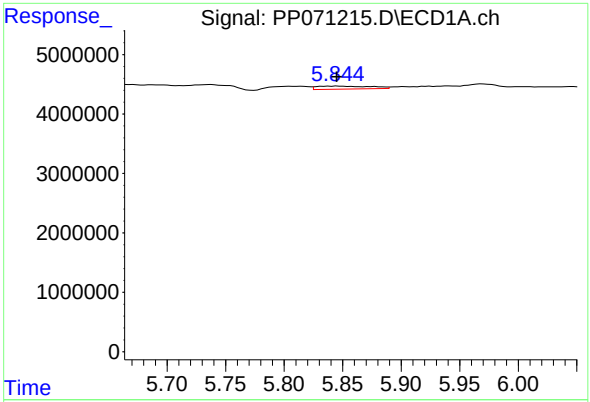
#18 AR-1242-3

R.T.: 5.738 min
Delta R.T.: -0.010 min
Response: 2356336
Conc: 57.42 ng/ml



#18 AR-1242-3

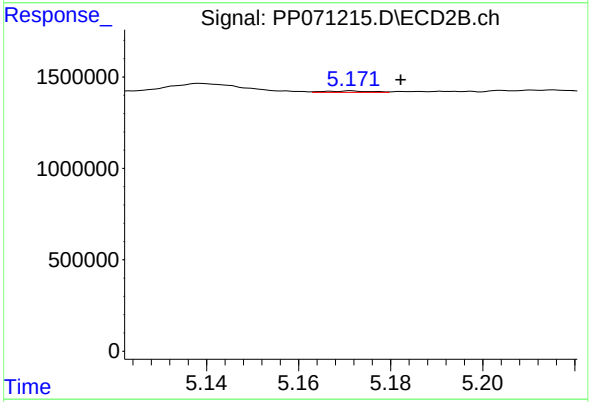
R.T.: 5.089 min
Delta R.T.: -0.010 min
Response: 85185
Conc: 3.20 ng/ml



#19 AR-1242-4

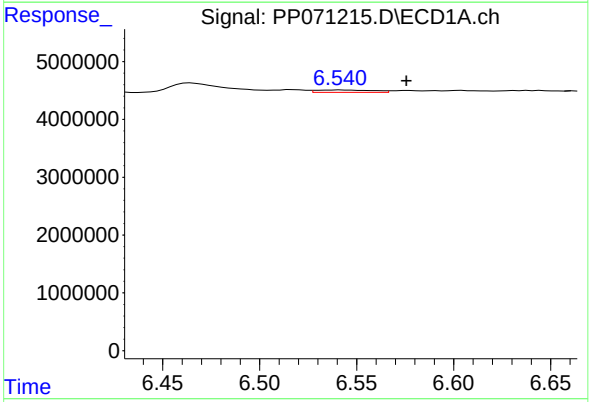
R.T.: 5.845 min
Delta R.T.: 0.000 min
Response: 1641798
Conc: 53.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-074-IDWGW-20250409



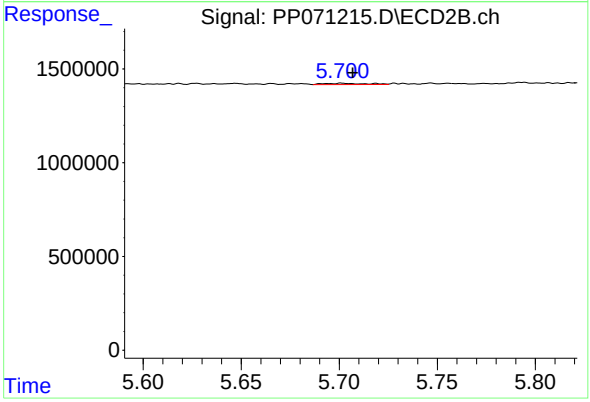
#19 AR-1242-4

R.T.: 5.172 min
Delta R.T.: -0.011 min
Response: 50572
Conc: 1.92 ng/ml



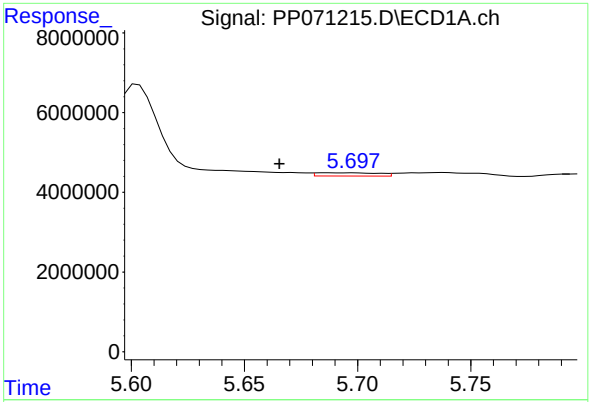
#20 AR-1242-5

R.T.: 6.541 min
Delta R.T.: -0.034 min
Response: 844746
Conc: 23.14 ng/ml



#20 AR-1242-5

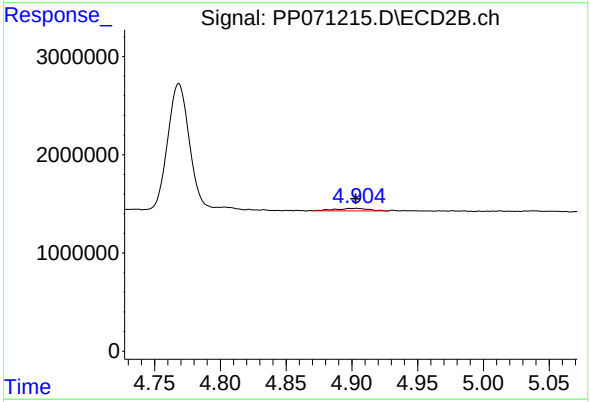
R.T.: 5.701 min
Delta R.T.: -0.006 min
Response: 102402
Conc: 3.31 ng/ml



#21 AR-1248-1

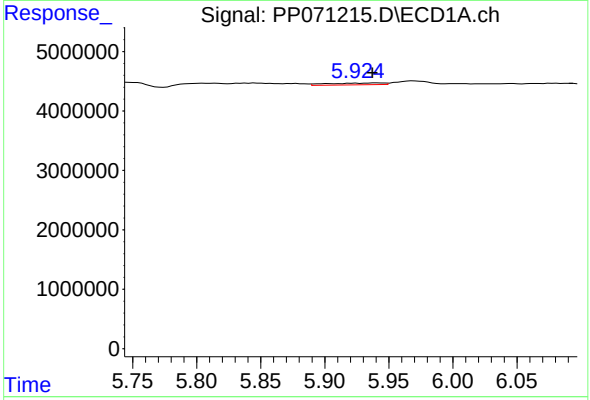
R.T.: 5.687 min
Delta R.T.: 0.022 min
Response: 1541412
Conc: 42.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-074-IDWGW-20250409



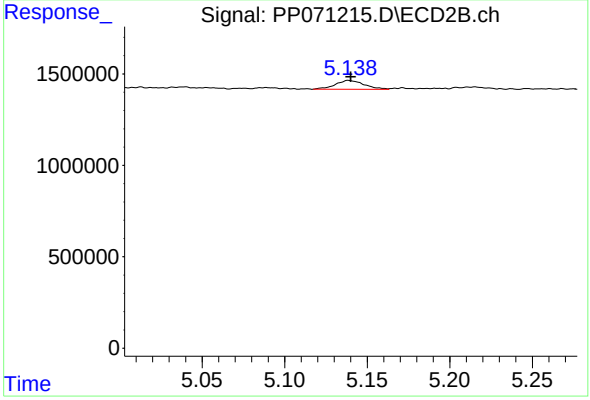
#21 AR-1248-1

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 452712
Conc: 16.72 ng/ml



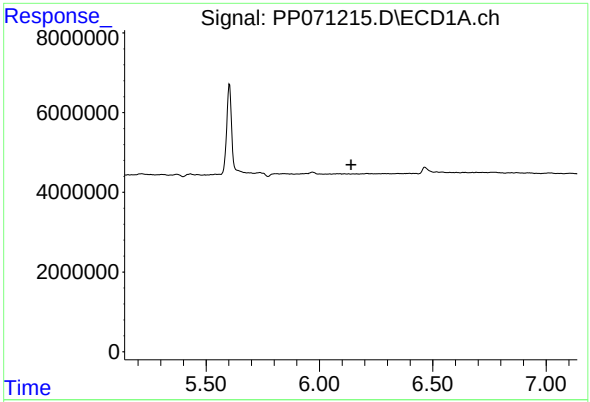
#22 AR-1248-2

R.T.: 5.941 min
Delta R.T.: 0.004 min
Response: 939255
Conc: 20.90 ng/ml



#22 AR-1248-2

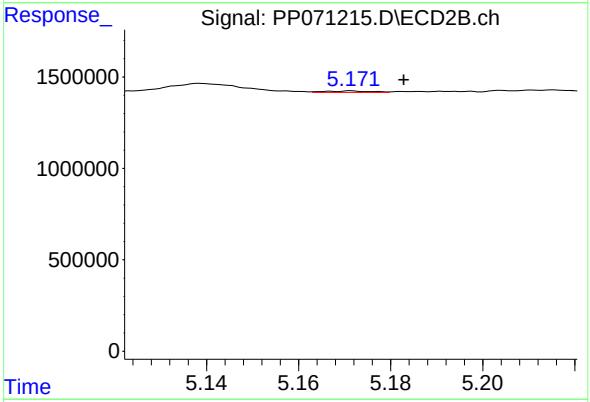
R.T.: 5.139 min
Delta R.T.: -0.001 min
Response: 588504
Conc: 16.03 ng/ml



#23 AR-1248-3

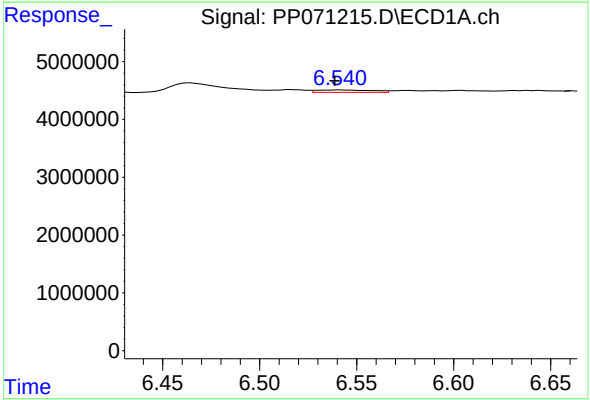
R.T.: 0.000 min
Exp R.T. : 6.140 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TT-074-IDWGW-20250409



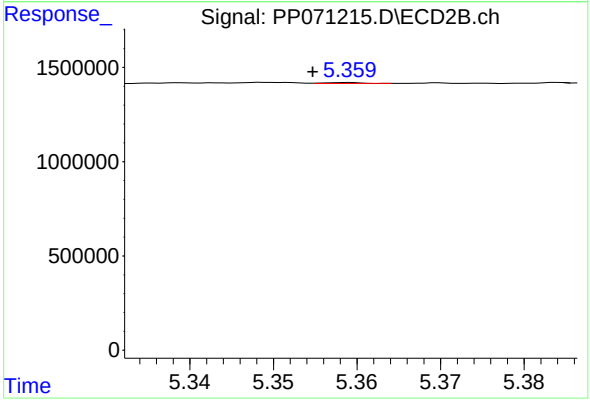
#23 AR-1248-3

R.T.: 5.172 min
Delta R.T.: -0.011 min
Response: 50572
Conc: 1.31 ng/ml



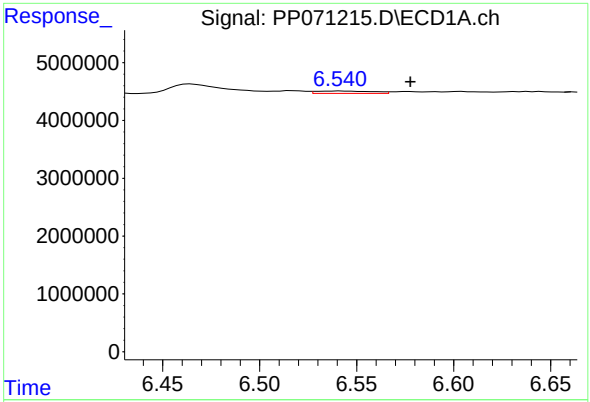
#24 AR-1248-4

R.T.: 6.541 min
Delta R.T.: 0.002 min
Response: 844746
Conc: 13.17 ng/ml



#24 AR-1248-4

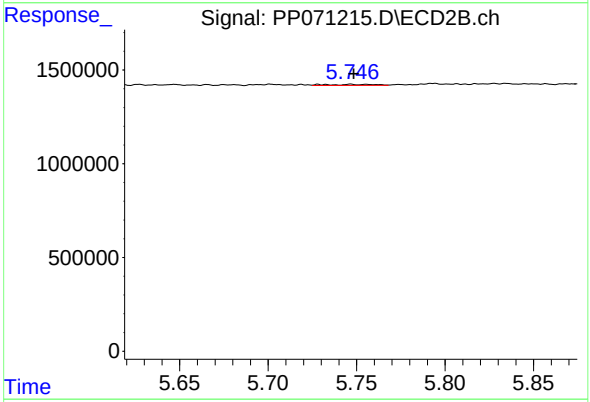
R.T.: 5.359 min
Delta R.T.: 0.004 min
Response: 14409
Conc: 0.32 ng/ml



#25 AR-1248-5

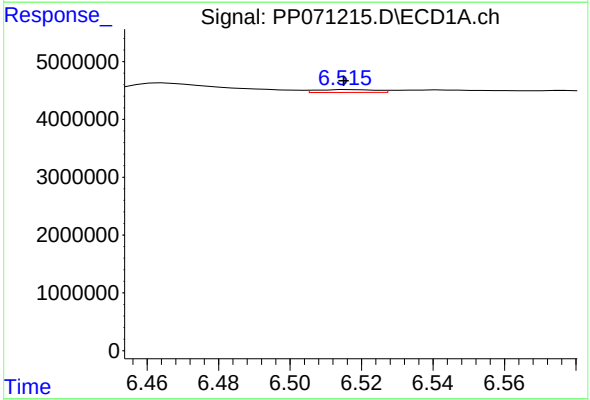
R.T.: 6.541 min
Delta R.T.: -0.037 min
Response: 844746
Conc: 13.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-074-IDWGW-20250409



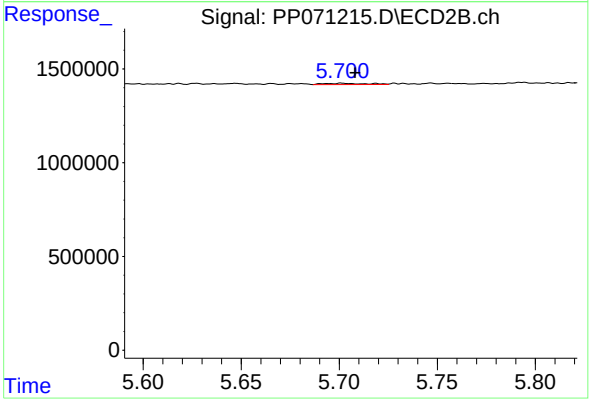
#25 AR-1248-5

R.T.: 5.747 min
Delta R.T.: -0.002 min
Response: 103729
Conc: 2.43 ng/ml



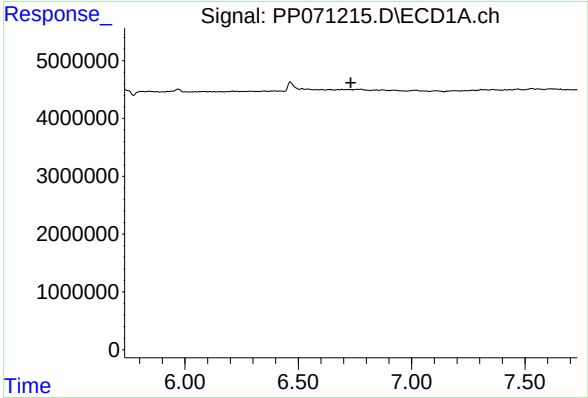
#26 AR-1254-1

R.T.: 6.516 min
Delta R.T.: 0.001 min
Response: 565340
Conc: 8.78 ng/ml



#26 AR-1254-1

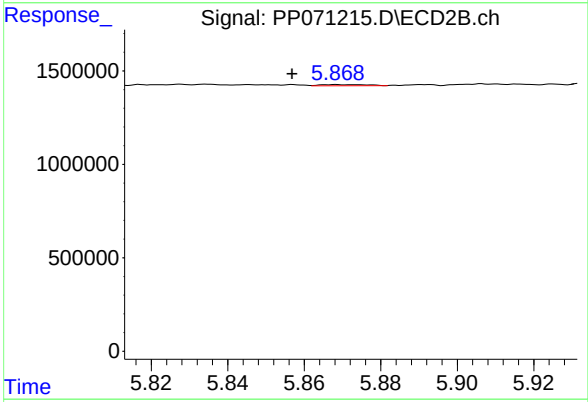
R.T.: 5.701 min
Delta R.T.: -0.007 min
Response: 102402
Conc: 1.55 ng/ml



#27 AR-1254-2

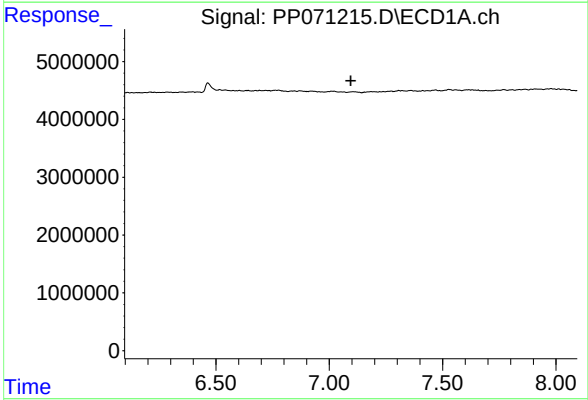
R.T.: 0.000 min
Exp R.T. : 6.732 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TT-074-IDWGW-20250409



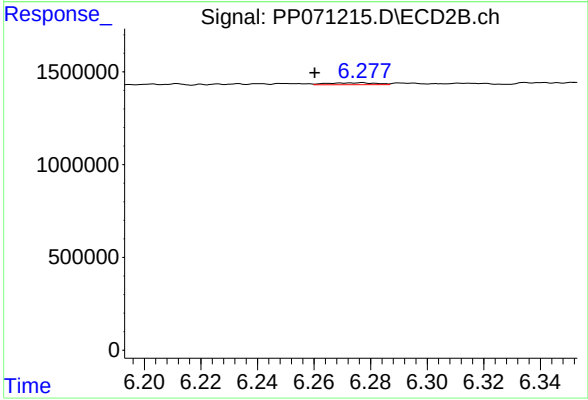
#27 AR-1254-2

R.T.: 5.868 min
Delta R.T.: 0.011 min
Response: 55402
Conc: 0.97 ng/ml



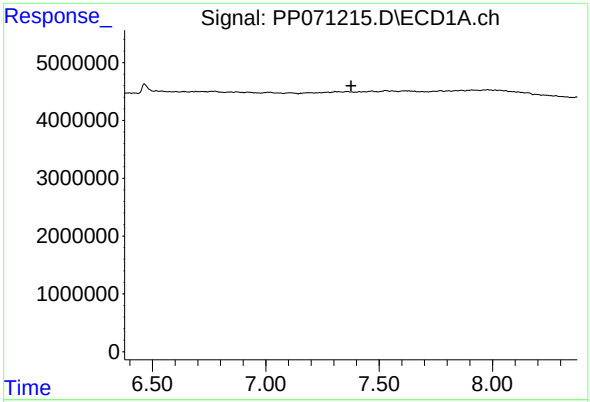
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 7.095 min
Response: 0
Conc: N.D.



#28 AR-1254-3

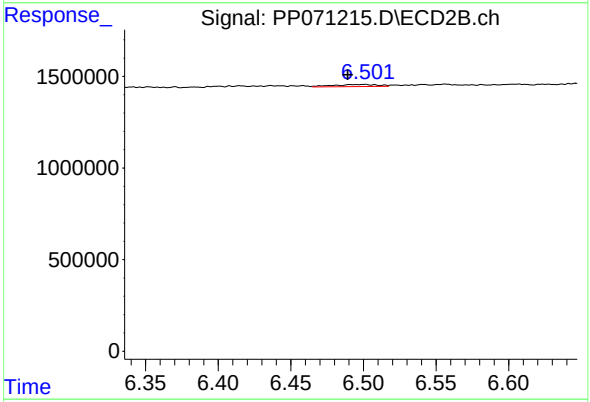
R.T.: 6.277 min
Delta R.T.: 0.017 min
Response: 123746
Conc: 1.42 ng/ml



#29 AR-1254-4

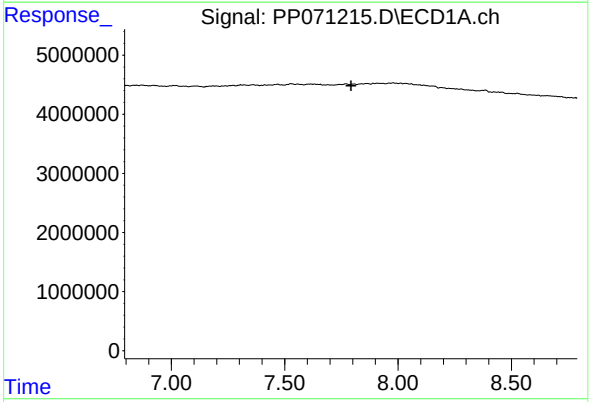
R.T.: 0.000 min
Exp R.T. : 7.377 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TT-074-IDWGW-20250409



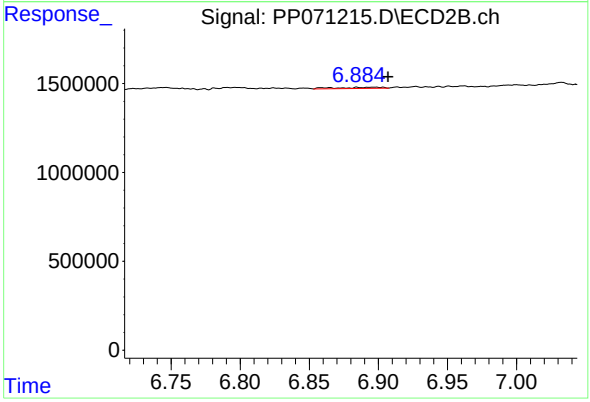
#29 AR-1254-4

R.T.: 6.500 min
Delta R.T.: 0.011 min
Response: 251184
Conc: 4.48 ng/ml



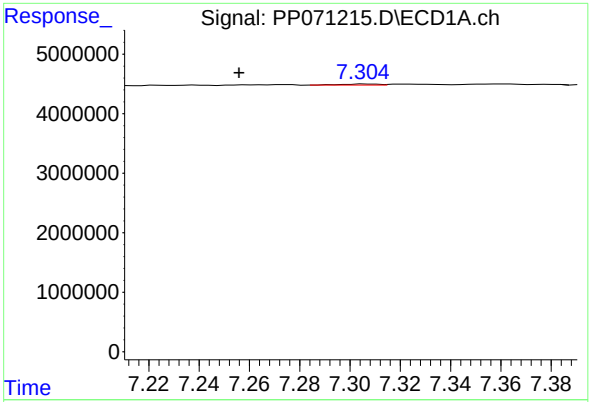
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.793 min
Response: 0
Conc: N.D.



#30 AR-1254-5

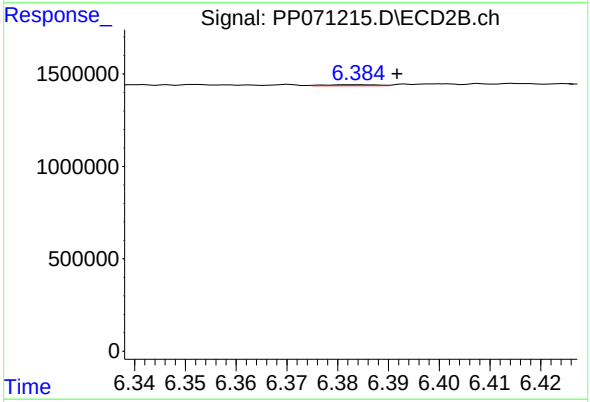
R.T.: 6.897 min
Delta R.T.: -0.010 min
Response: 140612
Conc: 1.95 ng/ml



#31 AR-1260-1

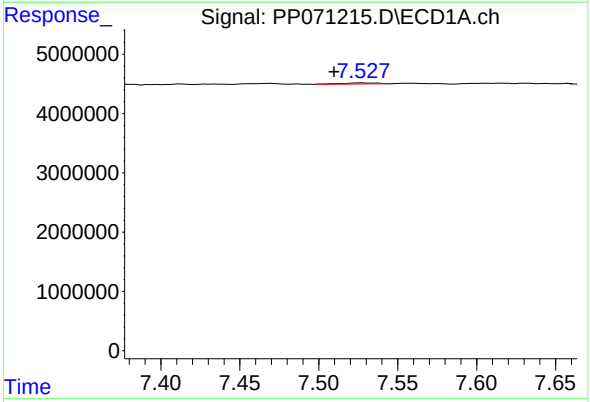
R.T.: 7.306 min
Delta R.T.: 0.050 min
Response: 172146
Conc: 2.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-074-IDWGW-20250409



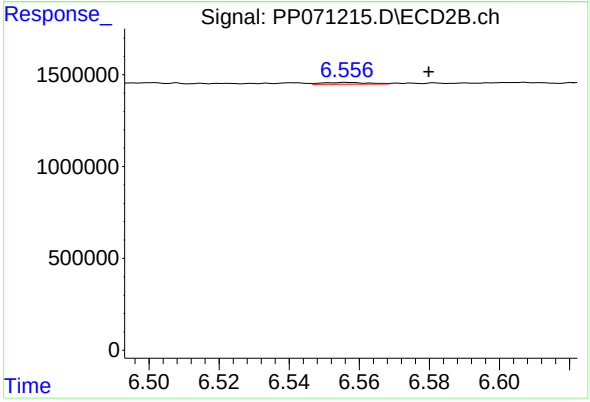
#31 AR-1260-1

R.T.: 6.383 min
Delta R.T.: -0.008 min
Response: 36607
Conc: 0.71 ng/ml



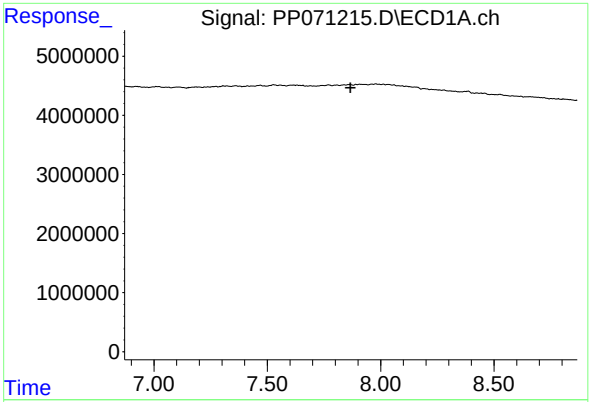
#32 AR-1260-2

R.T.: 7.528 min
Delta R.T.: 0.018 min
Response: 259264
Conc: 2.70 ng/ml



#32 AR-1260-2

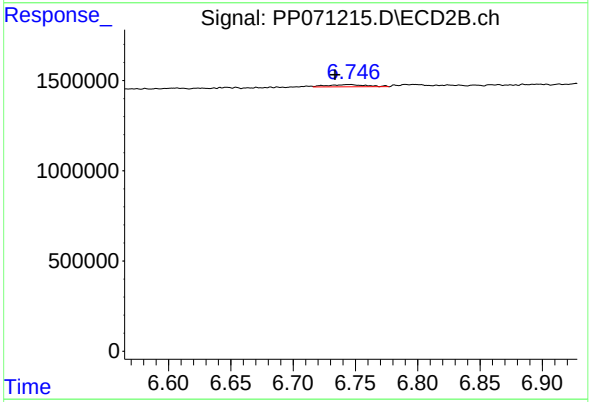
R.T.: 6.556 min
Delta R.T.: -0.023 min
Response: 84364
Conc: 1.32 ng/ml



#33 AR-1260-3

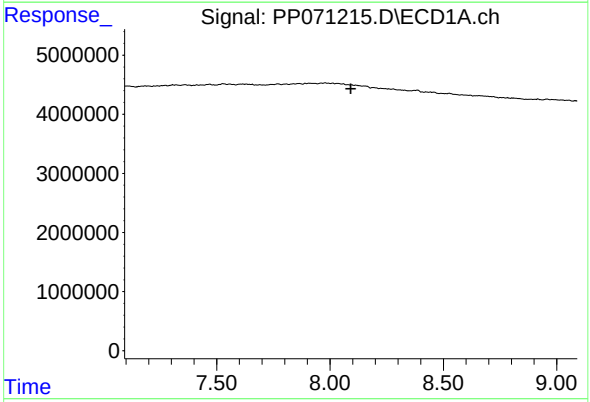
R.T.: 0.000 min
Exp R.T. : 7.868 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TT-074-IDWGW-20250409



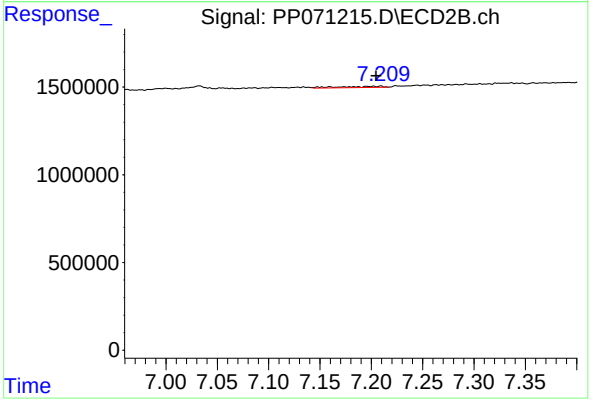
#33 AR-1260-3

R.T.: 6.746 min
Delta R.T.: 0.012 min
Response: 262168
Conc: 4.81 ng/ml



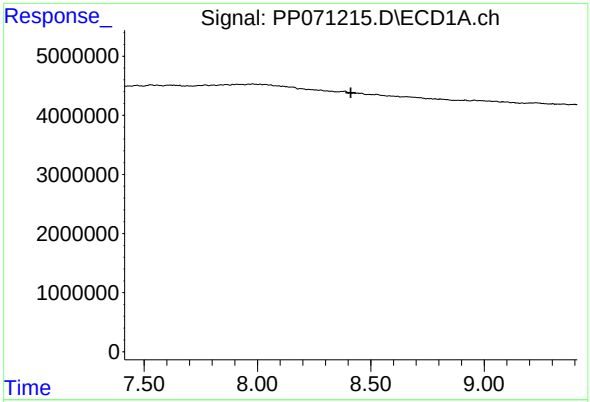
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 8.092 min
Response: 0
Conc: N.D.



#34 AR-1260-4

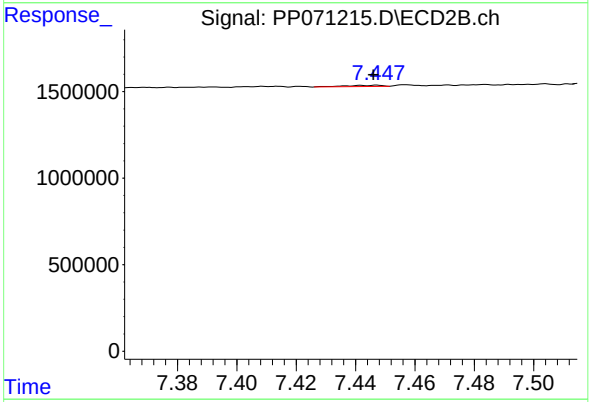
R.T.: 7.209 min
Delta R.T.: 0.005 min
Response: 208462
Conc: 4.36 ng/ml



#35 AR-1260-5

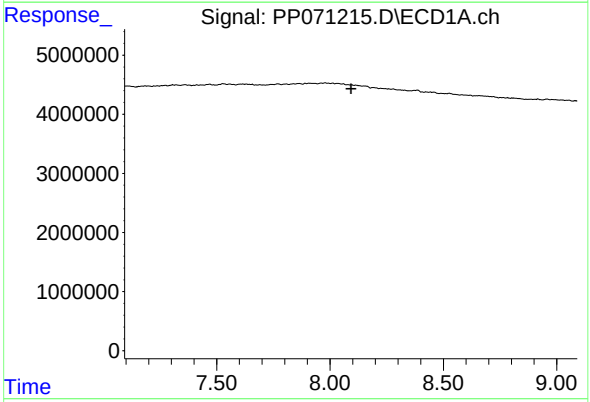
R.T.: 0.000 min
Exp R.T. : 8.411 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TT-074-IDWGW-20250409



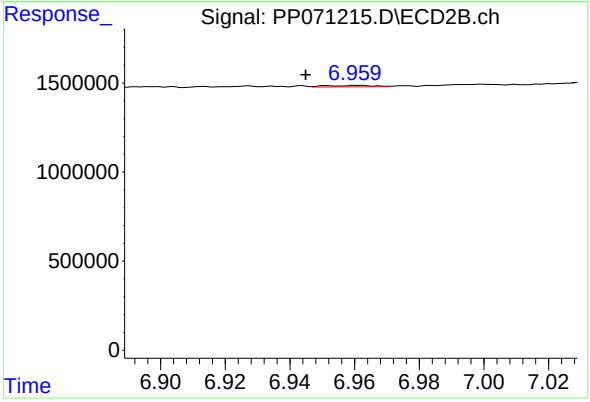
#35 AR-1260-5

R.T.: 7.447 min
Delta R.T.: 0.001 min
Response: 59335
Conc: 0.48 ng/ml



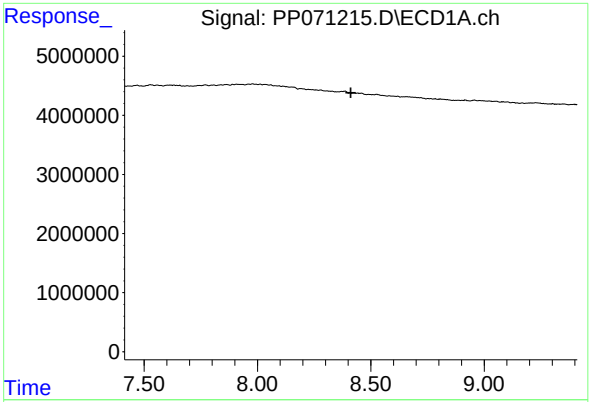
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.093 min
Response: 0
Conc: N.D.



#36 AR-1262-1

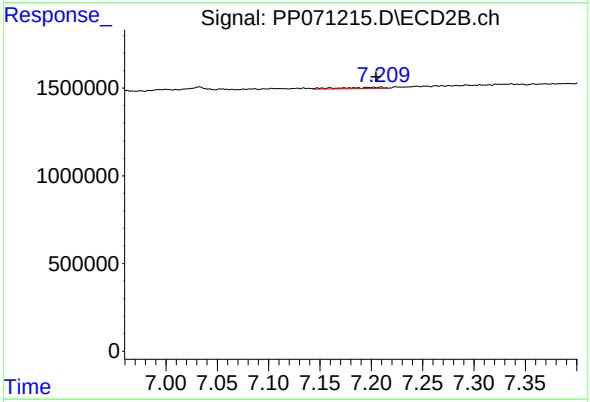
R.T.: 6.961 min
Delta R.T.: 0.016 min
Response: 78271
Conc: 0.91 ng/ml



#37 AR-1262-2

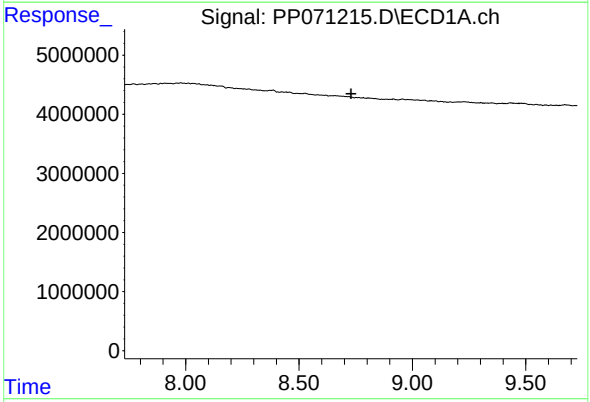
R.T.: 0.000 min
Exp R.T. : 8.412 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TT-074-IDWGW-20250409



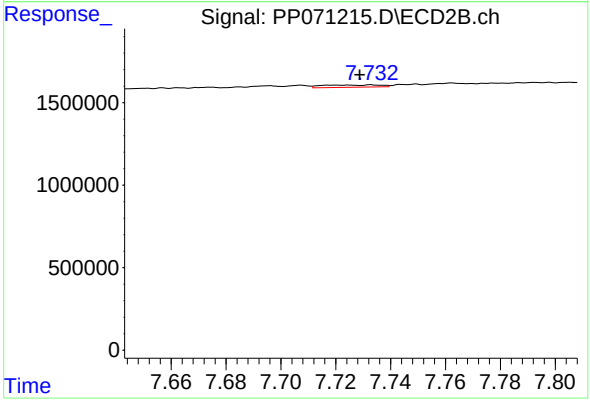
#37 AR-1262-2

R.T.: 7.209 min
Delta R.T.: 0.005 min
Response: 208462
Conc: 3.04 ng/ml



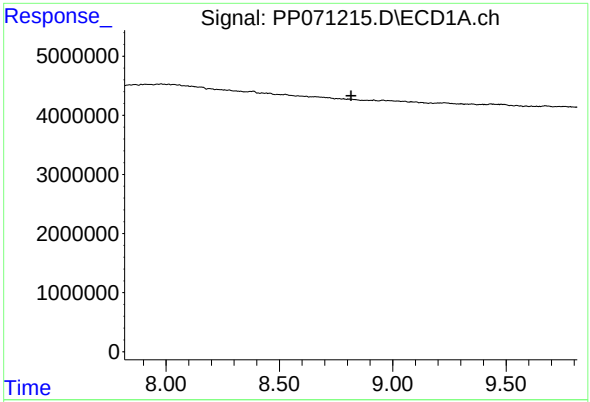
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.729 min
Response: 0
Conc: N.D.



#38 AR-1262-3

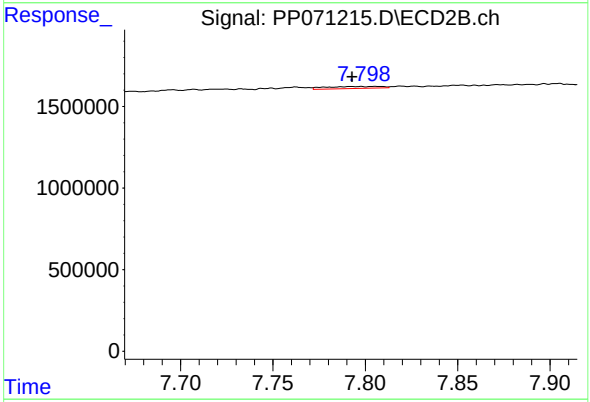
R.T.: 7.733 min
Delta R.T.: 0.004 min
Response: 201912
Conc: 3.33 ng/ml



#39 AR-1262-4

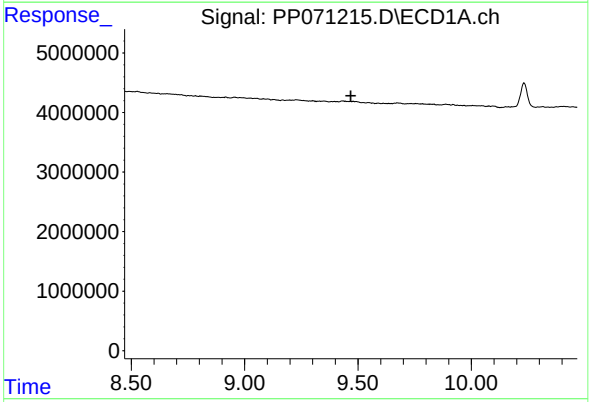
R.T.: 0.000 min
Exp R.T. : 8.817 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TT-074-IDWGW-20250409



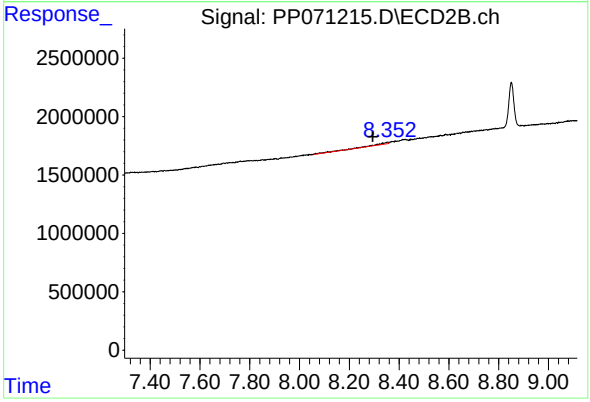
#39 AR-1262-4

R.T.: 7.798 min
Delta R.T.: 0.005 min
Response: 265386
Conc: 2.67 ng/ml



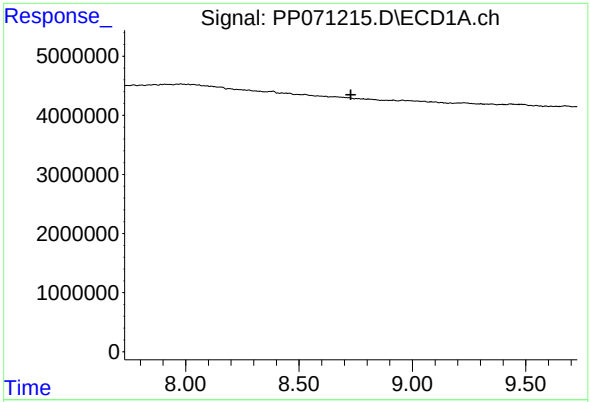
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.469 min
Response: 0
Conc: N.D.



#40 AR-1262-5

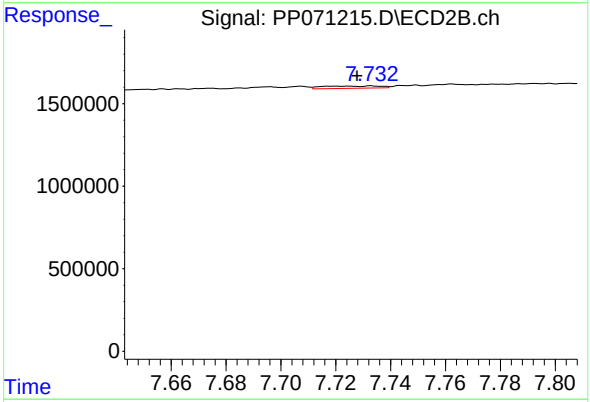
R.T.: 8.354 min
Delta R.T.: 0.060 min
Response: 627353
Conc: 13.38 ng/ml



#41 AR-1268-1

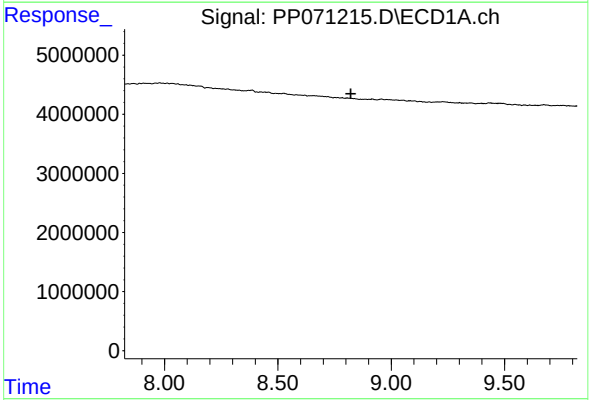
R.T.: 0.000 min
Exp R.T. : 8.729 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TT-074-IDWGW-20250409



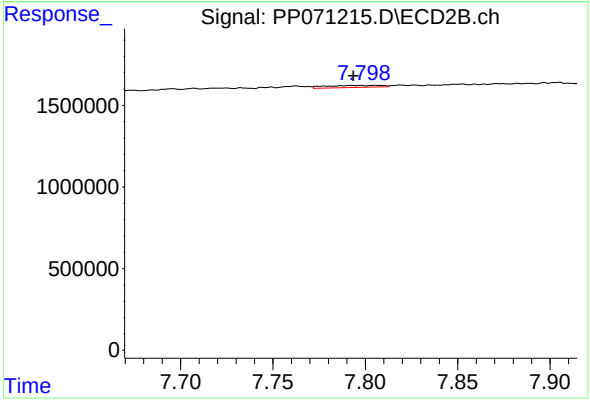
#41 AR-1268-1

R.T.: 7.733 min
Delta R.T.: 0.005 min
Response: 201912
Conc: 1.18 ng/ml



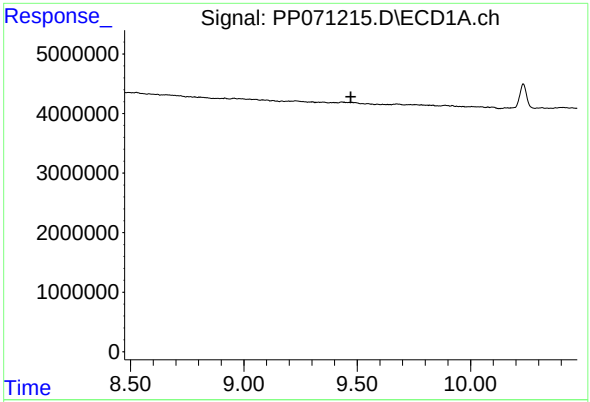
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.821 min
Response: 0
Conc: N.D.



#42 AR-1268-2

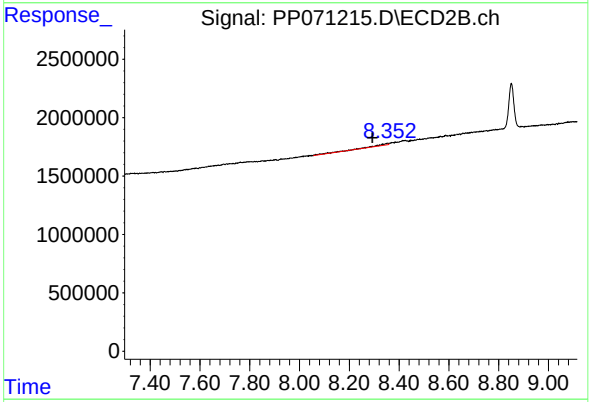
R.T.: 7.798 min
Delta R.T.: 0.004 min
Response: 265386
Conc: 1.85 ng/ml



#44 AR-1268-4

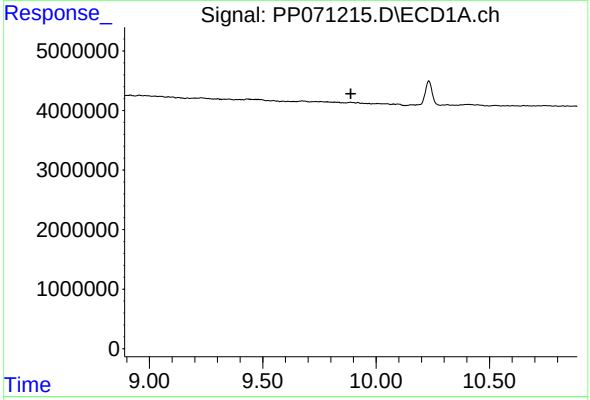
R.T.: 0.000 min
Exp R.T. : 9.472 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TT-074-IDWGW-20250409



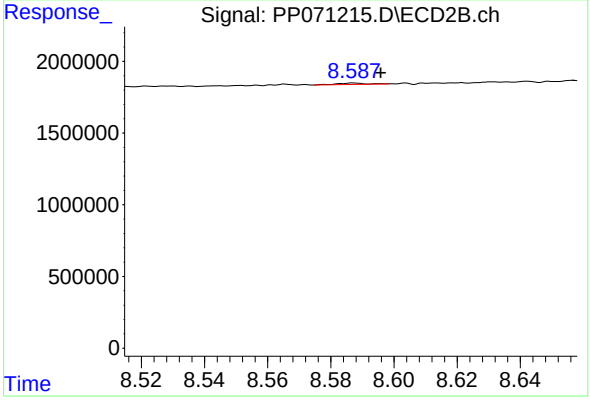
#44 AR-1268-4

R.T.: 8.354 min
Delta R.T.: 0.060 min
Response: 627353
Conc: 11.88 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.888 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.587 min
Delta R.T.: -0.009 min
Response: 67794
Conc: 0.19 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041025\
Data File : PP071216.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 20:05
Operator : YP\AJ
Sample : Q1774-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TT-075-IDWGW-20250409

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 11 01:39:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.512	3.814	37444227	26139600	25.619	25.216	
2)	SA Decachlor...	10.231	8.851	9505881	6166112	9.031	7.823	
	Target Compounds							
3)	L1 AR-1016-1	5.674	4.904	1963408	241142	38.611	6.015	#
4)	L1 AR-1016-2	5.674	4.904	1963408	241142	25.155	4.167	#
5)	L1 AR-1016-3	5.736	5.139f	1897554	379677	40.224	12.278	#
6)	L1 AR-1016-4	5.842	5.139	1276178	379677	34.721	15.589	#
7)	L1 AR-1016-5	6.159	5.338	591833	204790	17.452	6.336	#
8)	L2 AR-1221-1	4.713	3.976f	14889259	197325	857.990	12.945	#
9)	L2 AR-1221-2	4.815	4.097	3000184	6325664	231.622	553.122	#
10)	L2 AR-1221-3	4.815f	4.253f	3000184	57264	71.917	1.680	#
11)	L3 AR-1232-1	4.942f	4.253f	1261829	57264	37.906	2.046	#
12)	L3 AR-1232-2	5.423	4.904	651547	241142	40.951	8.593	#
13)	L3 AR-1232-3	5.674	5.139f	1963408	379677	57.292	25.499	#
14)	L3 AR-1232-4	5.842	5.178	1276178	79217	81.246	6.187	#
15)	L3 AR-1232-5	5.935	5.338	738236	204790	69.381	14.447	#
16)	L4 AR-1242-1	5.674	4.904	1963408	241142	44.646	7.052	#
17)	L4 AR-1242-2	5.674	4.904	1963408	241142	30.527	4.896	#
18)	L4 AR-1242-3	5.736	5.139f	1897554	379677	46.237	14.250	#
19)	L4 AR-1242-4	5.842	5.178	1276178	79217	41.810	3.003	#
20)	L4 AR-1242-5	6.526f	5.696	327562	134160	8.972	4.334	#
21)	L5 AR-1248-1	5.674	4.904	1963408	241142	54.107	8.905	#
22)	L5 AR-1248-2	5.935	5.139	738236	379677	16.428	10.339	#
23)	L5 AR-1248-3	6.159	5.178	591833	79217	11.688	2.049	#
24)	L5 AR-1248-4	6.526	5.338	327562	204790	5.106	4.537	
25)	L5 AR-1248-5	6.526f	5.741	327562	58463	5.383	1.370	#
26)	L6 AR-1254-1	6.509	5.696	191320	134160	2.971	2.032	#
27)	L6 AR-1254-2	0.000	5.841	0	66231	N.D.	1.160	#
28)	L6 AR-1254-3	0.000	6.266	0	99934	N.D.	1.151	#
29)	L6 AR-1254-4	0.000	6.498	0	337920	N.D.	6.023	#
30)	L6 AR-1254-5	0.000	6.962f	0	257581	N.D.	3.570	#
31)	L7 AR-1260-1	0.000	6.375	0	17015	N.D.	0.332	#
32)	L7 AR-1260-2	7.526	6.614	240875	222815	2.506	3.493	#
33)	L7 AR-1260-3	0.000	6.743	0	98440	N.D.	1.807	#
35)	L7 AR-1260-5	0.000	7.445	0	515892	N.D.	4.143	#
36)	L8 AR-1262-1	0.000	6.962	0	257581	N.D.	3.010	#

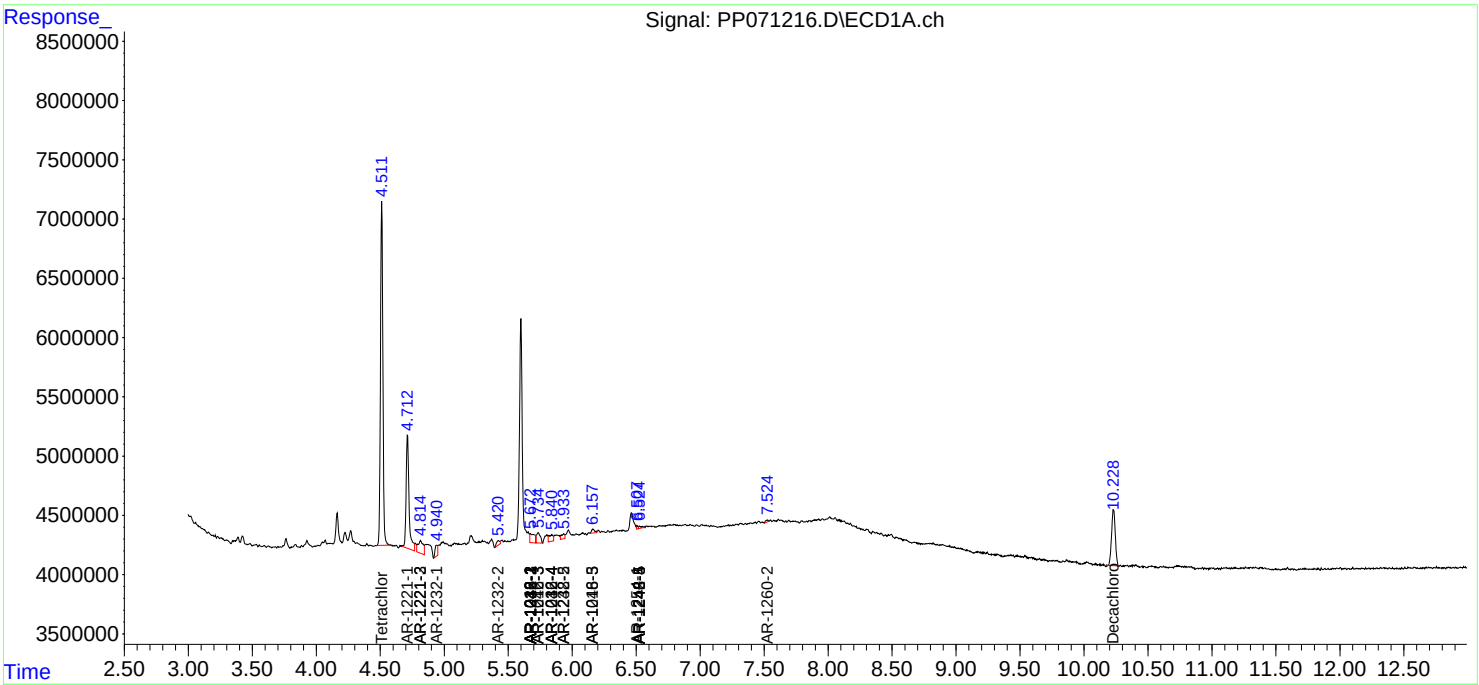
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

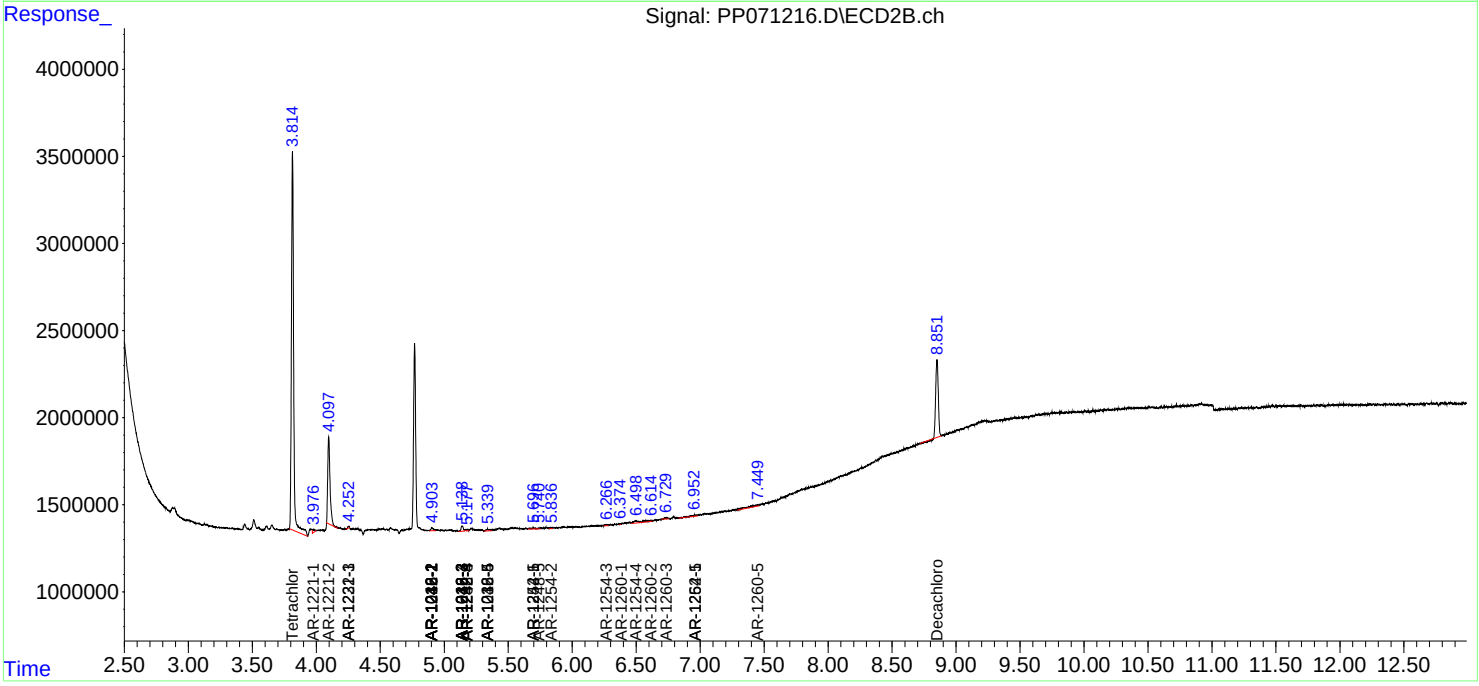
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041025\
Data File : PP071216.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 20:05
Operator : YP\AJ
Sample : Q1774-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

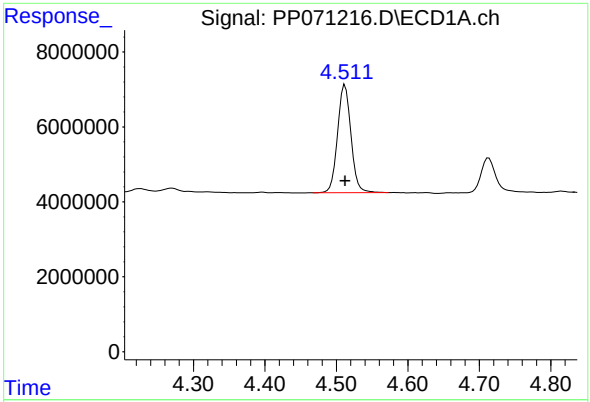
Instrument :
ECD_P
ClientSampleId :
TT-075-IDWGW-20250409

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 11 01:39:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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



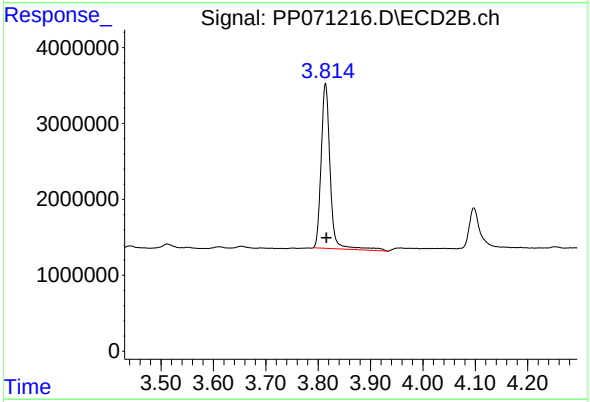




#1 Tetrachloro-m-xylene

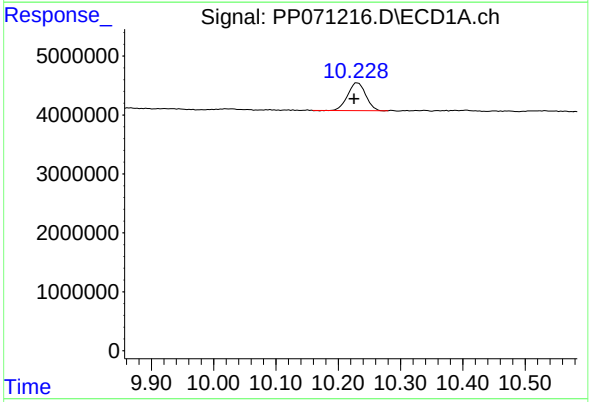
R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 37444227
Conc: 25.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-075-IDWGW-20250409



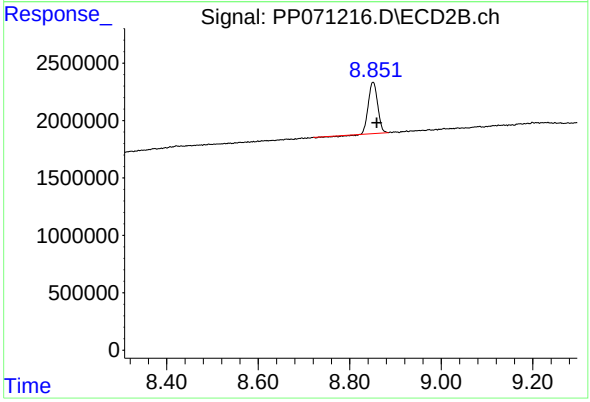
#1 Tetrachloro-m-xylene

R.T.: 3.814 min
Delta R.T.: -0.002 min
Response: 26139600
Conc: 25.22 ng/ml



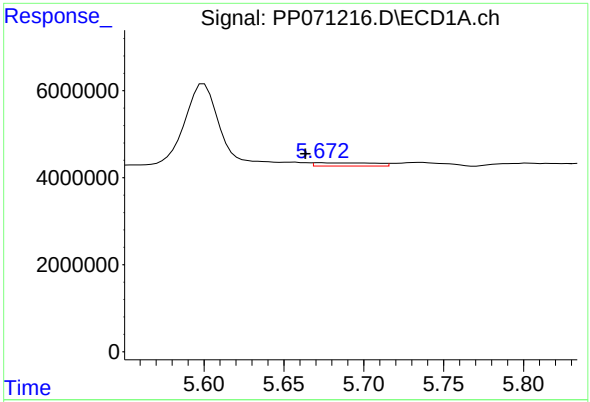
#2 Decachlorobiphenyl

R.T.: 10.231 min
Delta R.T.: 0.005 min
Response: 9505881
Conc: 9.03 ng/ml



#2 Decachlorobiphenyl

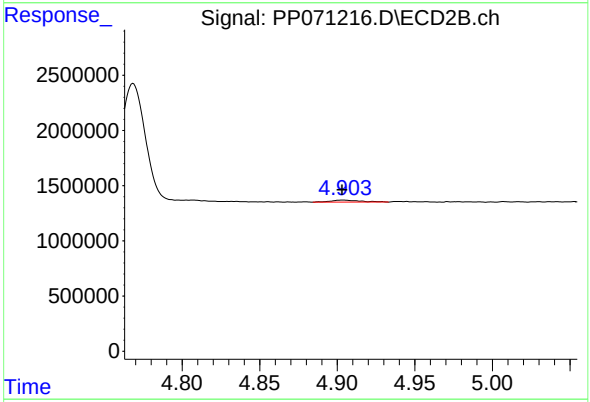
R.T.: 8.851 min
Delta R.T.: -0.008 min
Response: 6166112
Conc: 7.82 ng/ml



#3 AR-1016-1

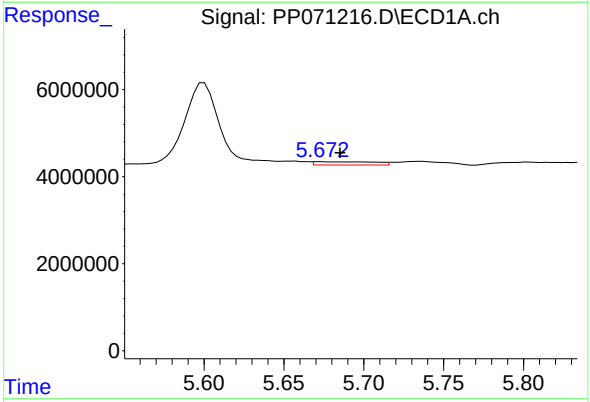
R.T.: 5.674 min
Delta R.T.: 0.010 min
Response: 1963408
Conc: 38.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-075-IDWGW-20250409



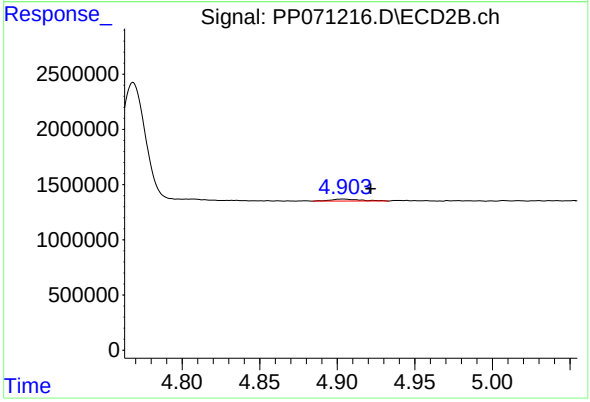
#3 AR-1016-1

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 241142
Conc: 6.02 ng/ml



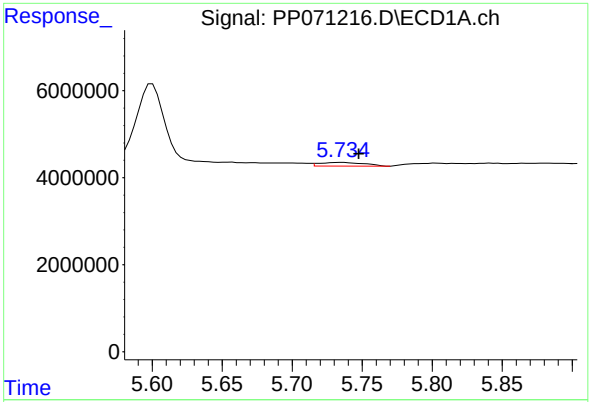
#4 AR-1016-2

R.T.: 5.674 min
Delta R.T.: -0.011 min
Response: 1963408
Conc: 25.15 ng/ml



#4 AR-1016-2

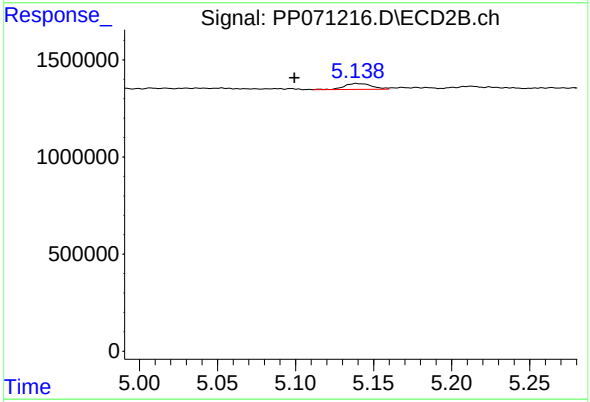
R.T.: 4.904 min
Delta R.T.: -0.018 min
Response: 241142
Conc: 4.17 ng/ml



#5 AR-1016-3

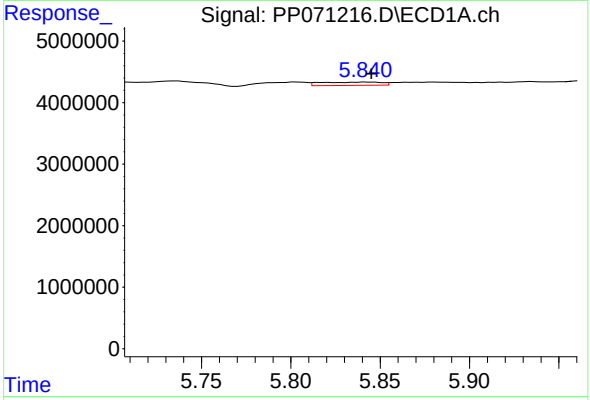
R.T.: 5.736 min
Delta R.T.: -0.012 min
Response: 1897554
Conc: 40.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-075-IDWGW-20250409



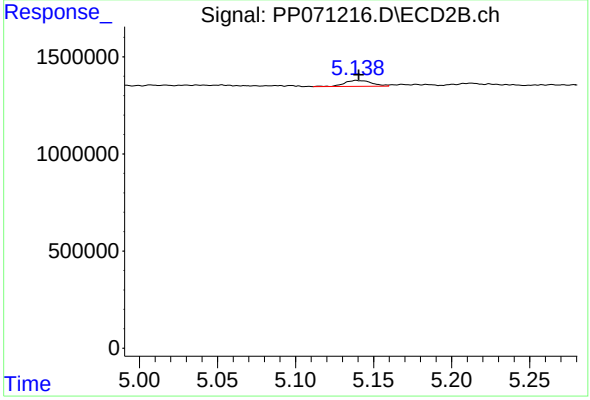
#5 AR-1016-3

R.T.: 5.139 min
Delta R.T.: 0.040 min
Response: 379677
Conc: 12.28 ng/ml



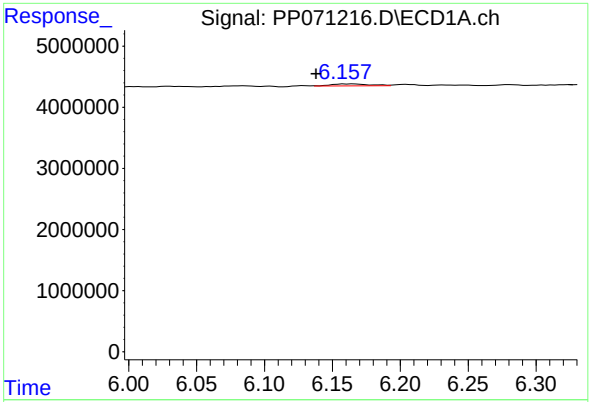
#6 AR-1016-4

R.T.: 5.842 min
Delta R.T.: -0.003 min
Response: 1276178
Conc: 34.72 ng/ml



#6 AR-1016-4

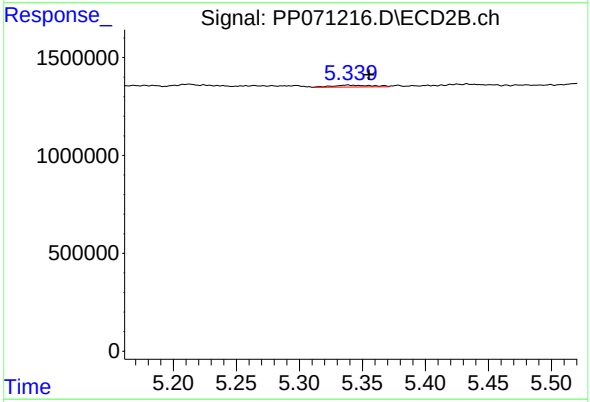
R.T.: 5.139 min
Delta R.T.: -0.002 min
Response: 379677
Conc: 15.59 ng/ml



#7 AR-1016-5

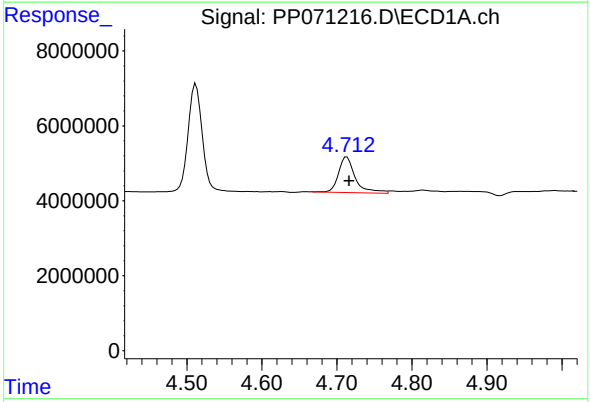
R.T.: 6.159 min
Delta R.T.: 0.021 min
Response: 591833
Conc: 17.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-075-IDWGW-20250409



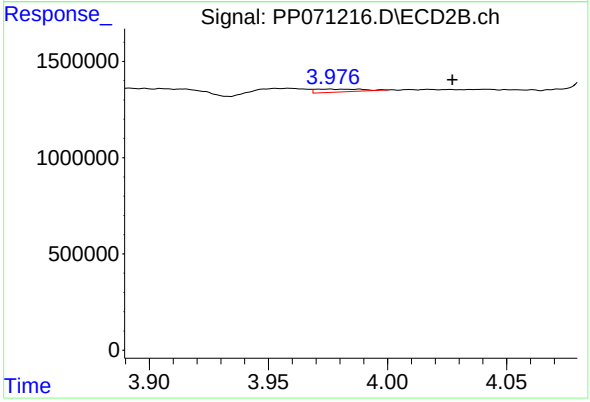
#7 AR-1016-5

R.T.: 5.338 min
Delta R.T.: -0.017 min
Response: 204790
Conc: 6.34 ng/ml



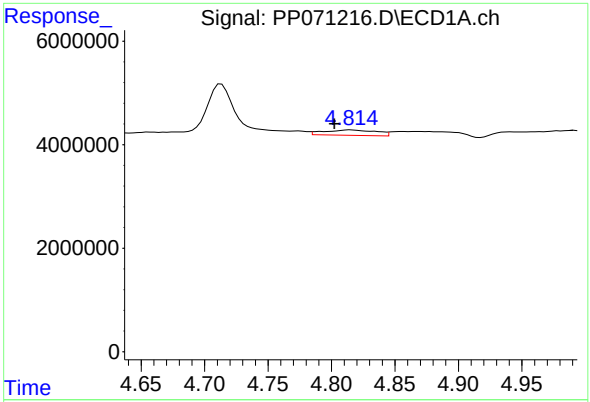
#8 AR-1221-1

R.T.: 4.713 min
Delta R.T.: -0.003 min
Response: 14889259
Conc: 857.99 ng/ml



#8 AR-1221-1

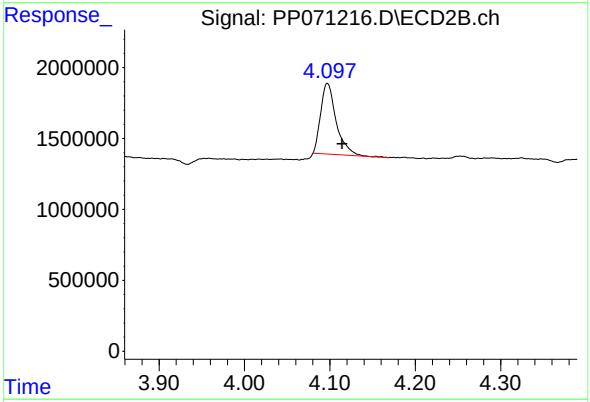
R.T.: 3.976 min
Delta R.T.: -0.052 min
Response: 197325
Conc: 12.94 ng/ml



#9 AR-1221-2

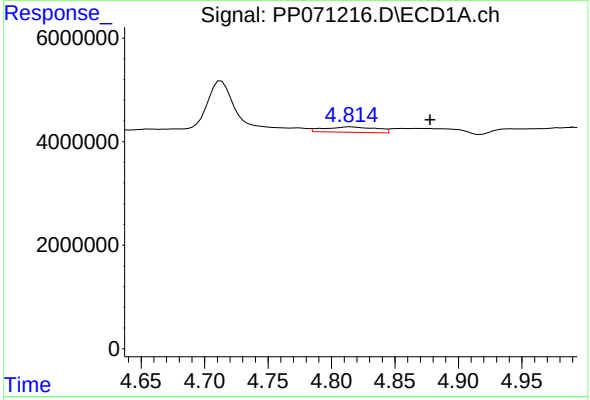
R.T.: 4.815 min
Delta R.T.: 0.013 min
Response: 3000184
Conc: 231.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-075-IDWGW-20250409



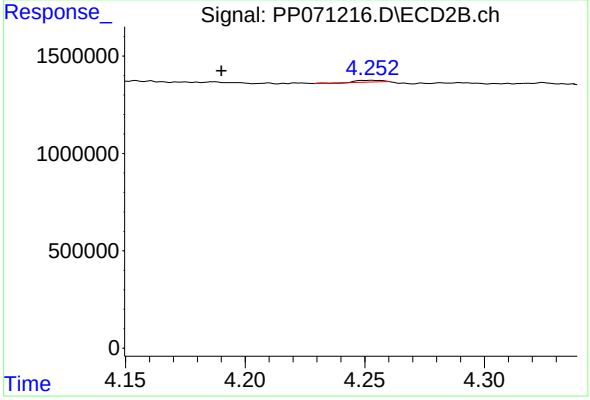
#9 AR-1221-2

R.T.: 4.097 min
Delta R.T.: -0.017 min
Response: 6325664
Conc: 553.12 ng/ml



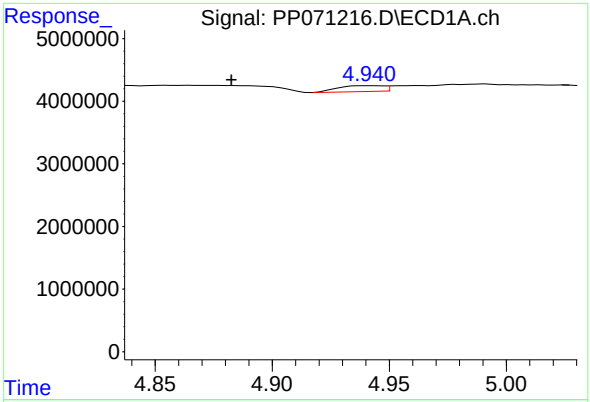
#10 AR-1221-3

R.T.: 4.815 min
Delta R.T.: -0.063 min
Response: 3000184
Conc: 71.92 ng/ml



#10 AR-1221-3

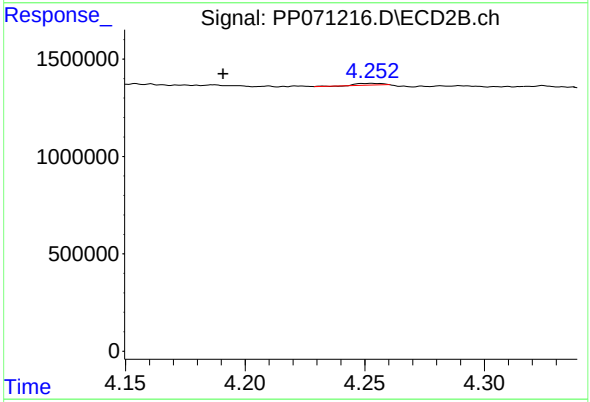
R.T.: 4.253 min
Delta R.T.: 0.063 min
Response: 57264
Conc: 1.68 ng/ml



#11 AR-1232-1

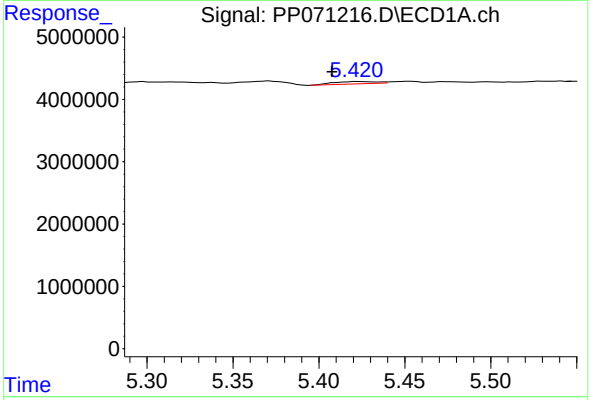
R.T.: 4.942 min
Delta R.T.: 0.059 min
Response: 1261829
Conc: 37.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-075-IDWGW-20250409



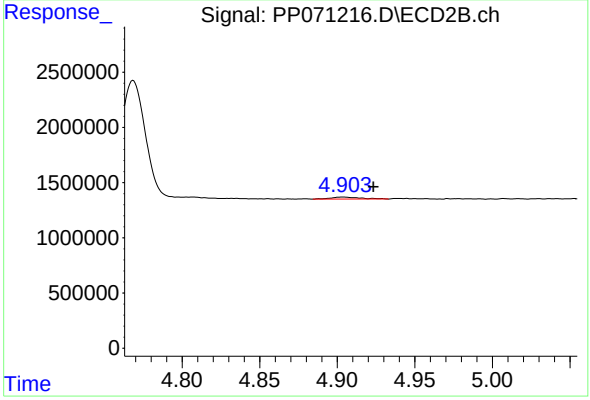
#11 AR-1232-1

R.T.: 4.253 min
Delta R.T.: 0.062 min
Response: 57264
Conc: 2.05 ng/ml



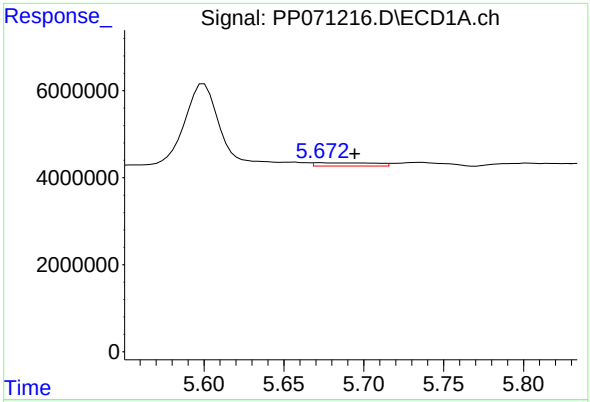
#12 AR-1232-2

R.T.: 5.423 min
Delta R.T.: 0.016 min
Response: 651547
Conc: 40.95 ng/ml



#12 AR-1232-2

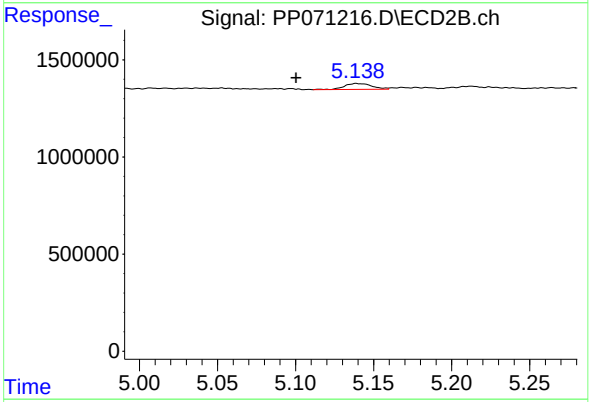
R.T.: 4.904 min
Delta R.T.: -0.020 min
Response: 241142
Conc: 8.59 ng/ml



#13 AR-1232-3

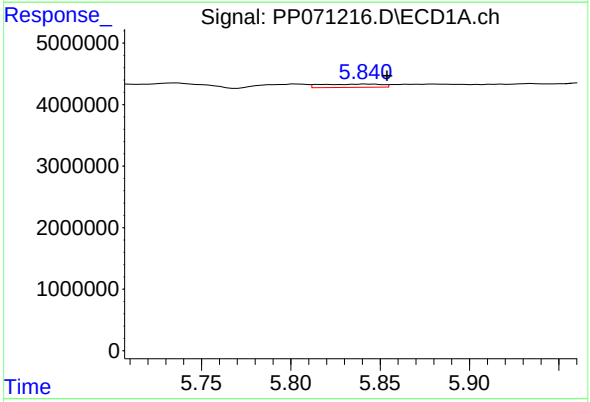
R.T.: 5.674 min
Delta R.T.: -0.021 min
Response: 1963408
Conc: 57.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-075-IDWGW-20250409



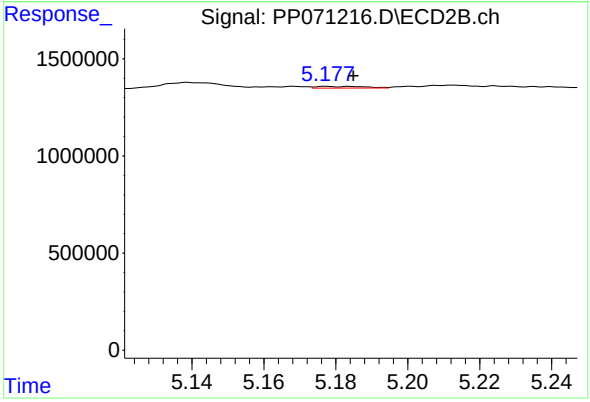
#13 AR-1232-3

R.T.: 5.139 min
Delta R.T.: 0.039 min
Response: 379677
Conc: 25.50 ng/ml



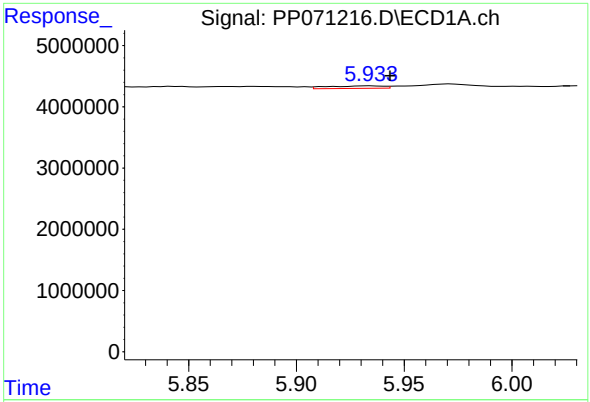
#14 AR-1232-4

R.T.: 5.842 min
Delta R.T.: -0.012 min
Response: 1276178
Conc: 81.25 ng/ml



#14 AR-1232-4

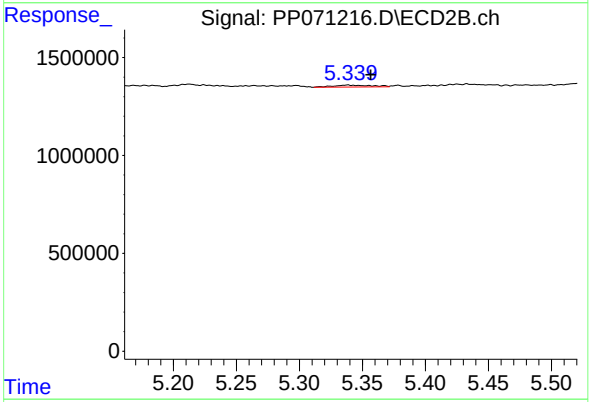
R.T.: 5.178 min
Delta R.T.: -0.007 min
Response: 79217
Conc: 6.19 ng/ml



#15 AR-1232-5

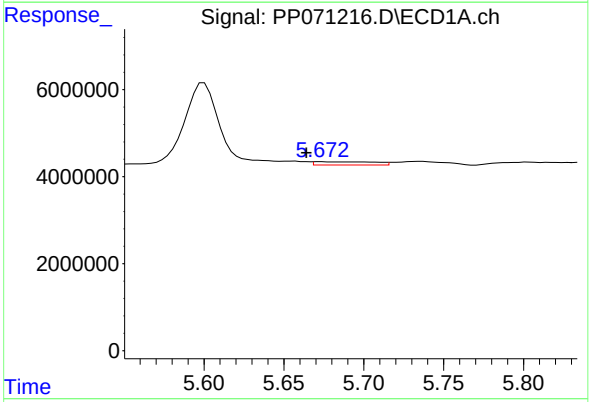
R.T.: 5.935 min
Delta R.T.: -0.009 min
Response: 738236
Conc: 69.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-075-IDWGW-20250409



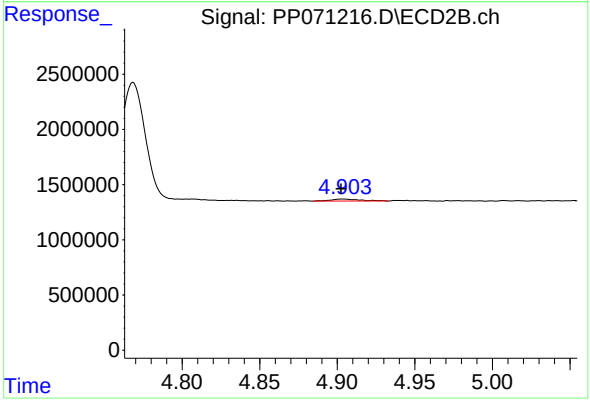
#15 AR-1232-5

R.T.: 5.338 min
Delta R.T.: -0.018 min
Response: 204790
Conc: 14.45 ng/ml



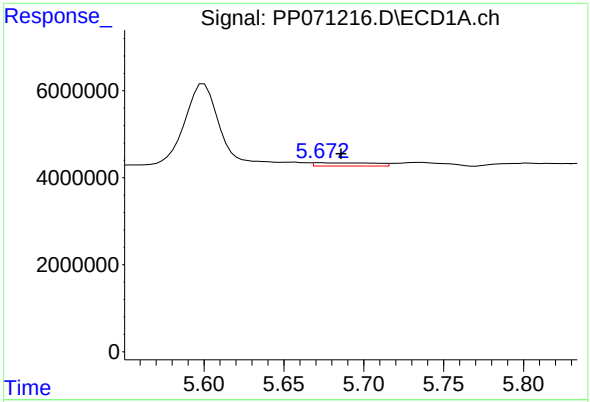
#16 AR-1242-1

R.T.: 5.674 min
Delta R.T.: 0.010 min
Response: 1963408
Conc: 44.65 ng/ml



#16 AR-1242-1

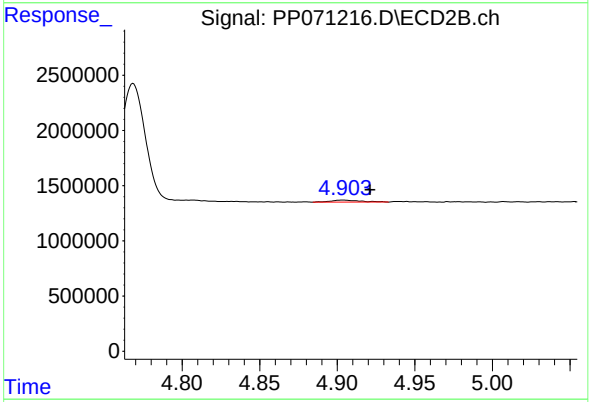
R.T.: 4.904 min
Delta R.T.: 0.001 min
Response: 241142
Conc: 7.05 ng/ml



#17 AR-1242-2

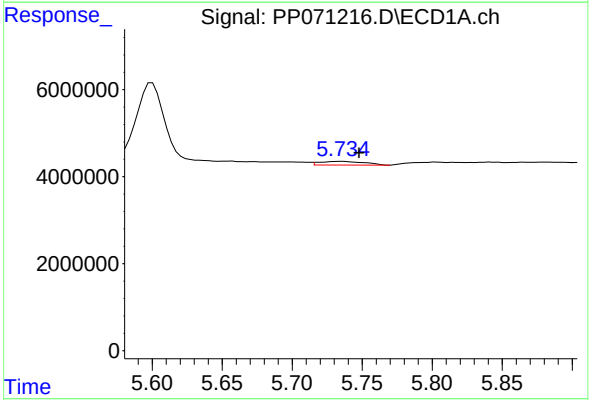
R.T.: 5.674 min
Delta R.T.: -0.012 min
Response: 1963408
Conc: 30.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-075-IDWGW-20250409



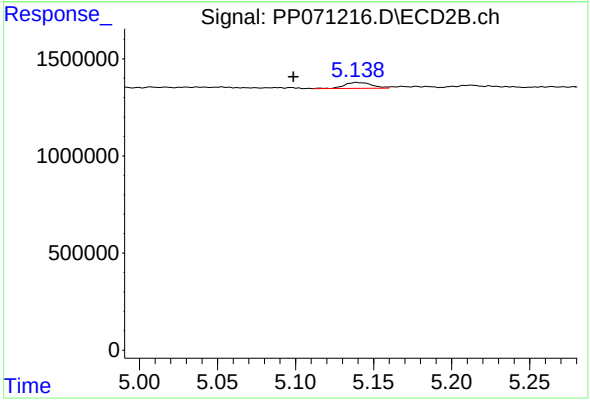
#17 AR-1242-2

R.T.: 4.904 min
Delta R.T.: -0.018 min
Response: 241142
Conc: 4.90 ng/ml



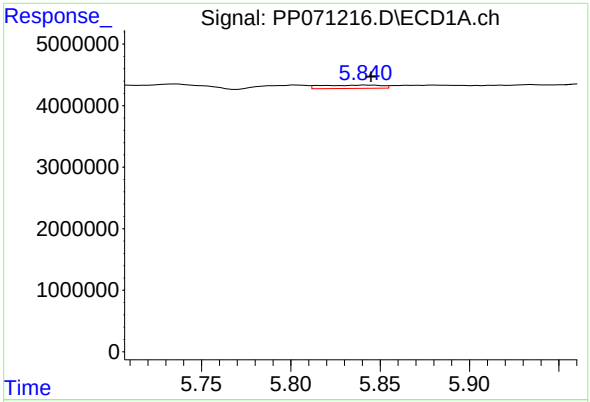
#18 AR-1242-3

R.T.: 5.736 min
Delta R.T.: -0.012 min
Response: 1897554
Conc: 46.24 ng/ml



#18 AR-1242-3

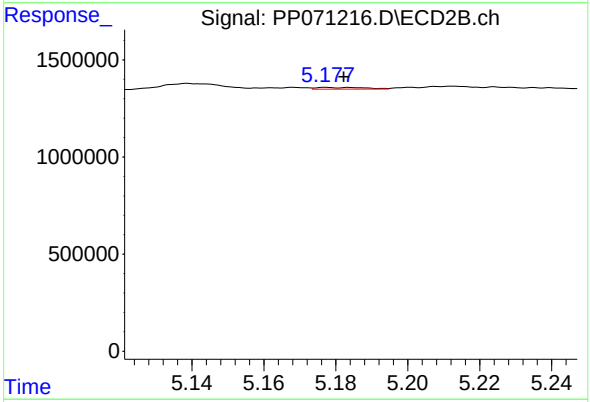
R.T.: 5.139 min
Delta R.T.: 0.040 min
Response: 379677
Conc: 14.25 ng/ml



#19 AR-1242-4

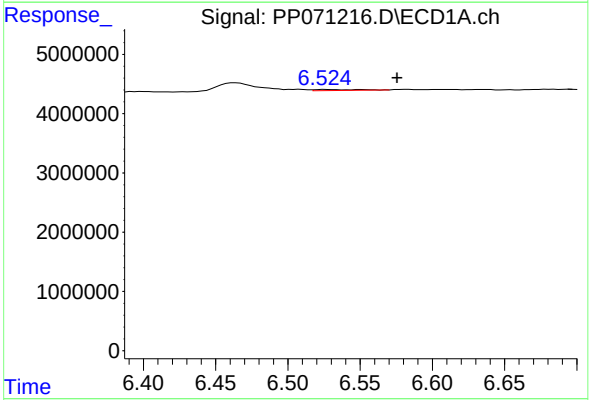
R.T.: 5.842 min
Delta R.T.: -0.003 min
Response: 1276178
Conc: 41.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-075-IDWGW-20250409



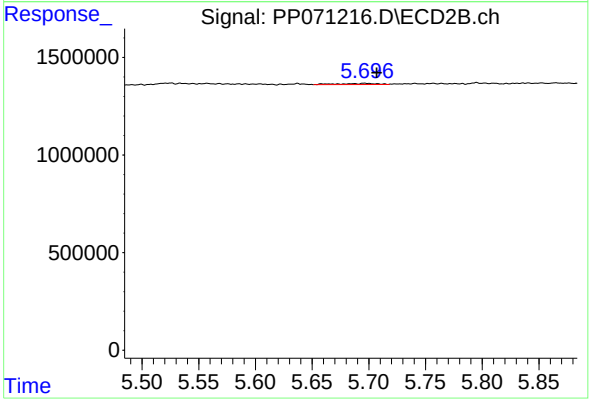
#19 AR-1242-4

R.T.: 5.178 min
Delta R.T.: -0.005 min
Response: 79217
Conc: 3.00 ng/ml



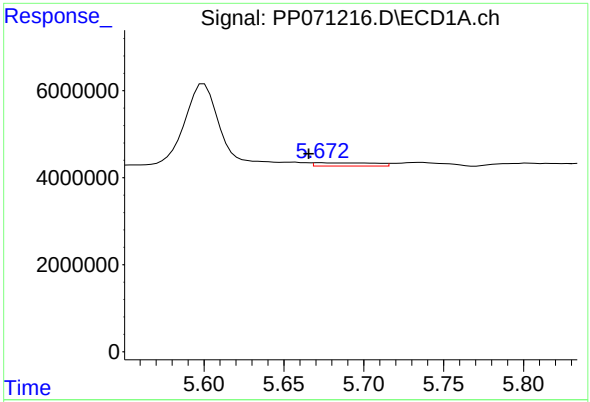
#20 AR-1242-5

R.T.: 6.526 min
Delta R.T.: -0.050 min
Response: 327562
Conc: 8.97 ng/ml



#20 AR-1242-5

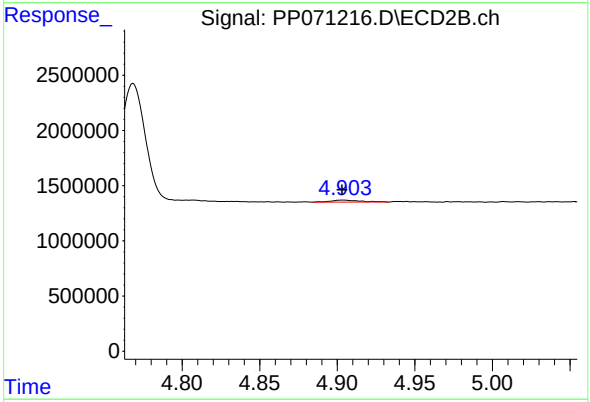
R.T.: 5.696 min
Delta R.T.: -0.011 min
Response: 134160
Conc: 4.33 ng/ml



#21 AR-1248-1

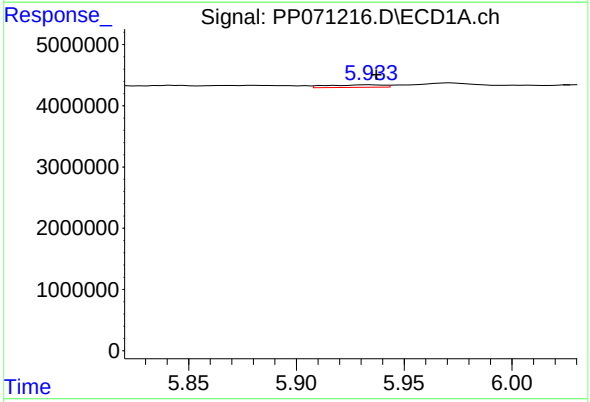
R.T.: 5.674 min
Delta R.T.: 0.008 min
Response: 1963408
Conc: 54.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-075-IDWGW-20250409



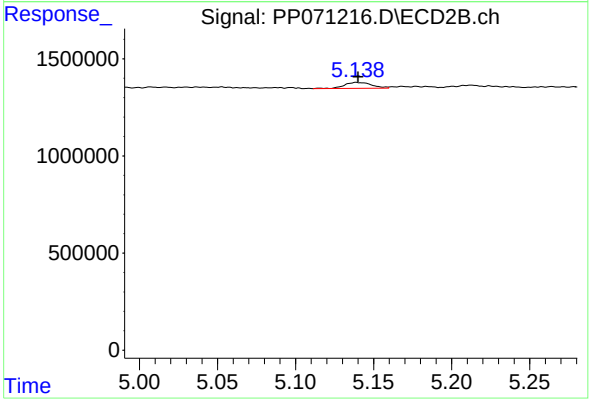
#21 AR-1248-1

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 241142
Conc: 8.90 ng/ml



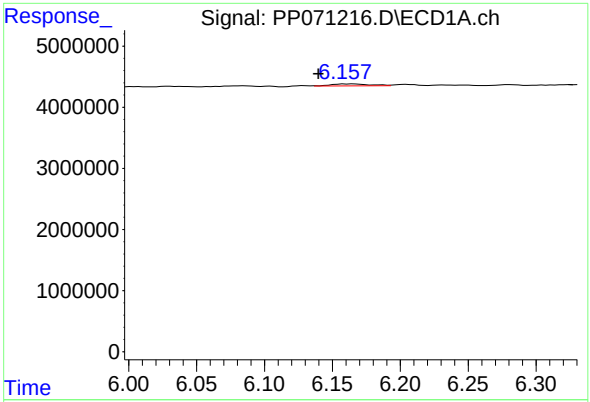
#22 AR-1248-2

R.T.: 5.935 min
Delta R.T.: -0.002 min
Response: 738236
Conc: 16.43 ng/ml



#22 AR-1248-2

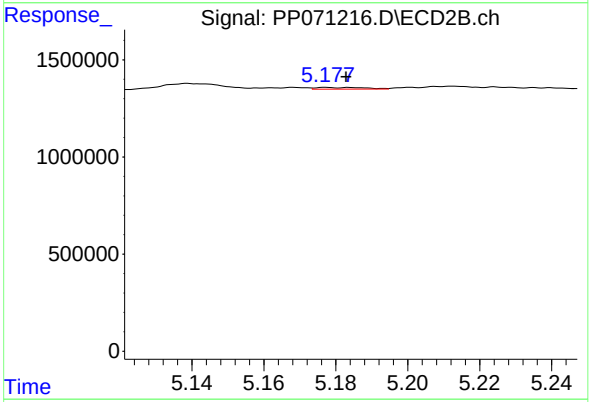
R.T.: 5.139 min
Delta R.T.: 0.000 min
Response: 379677
Conc: 10.34 ng/ml



#23 AR-1248-3

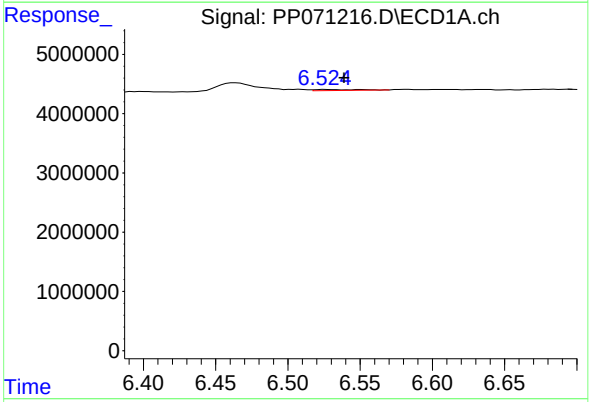
R.T.: 6.159 min
Delta R.T.: 0.019 min
Response: 591833
Conc: 11.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-075-IDWGW-20250409



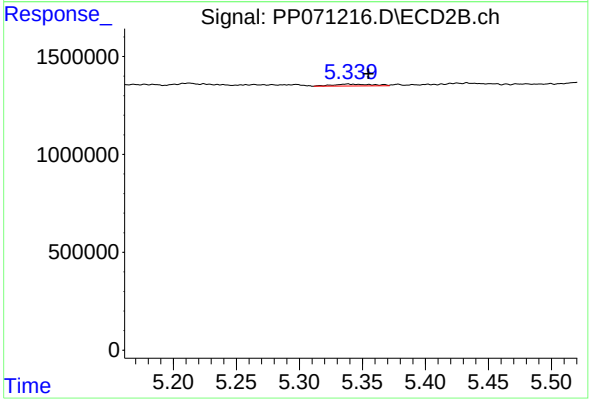
#23 AR-1248-3

R.T.: 5.178 min
Delta R.T.: -0.005 min
Response: 79217
Conc: 2.05 ng/ml



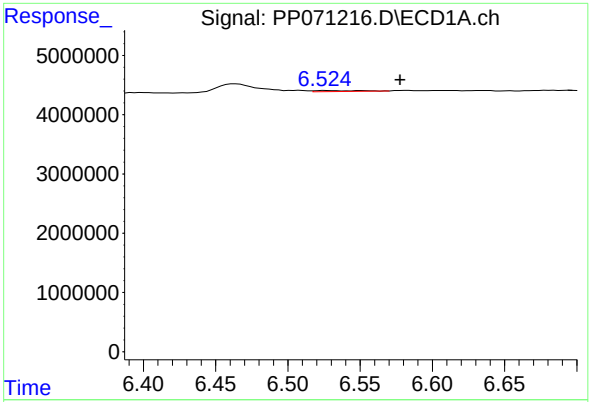
#24 AR-1248-4

R.T.: 6.526 min
Delta R.T.: -0.013 min
Response: 327562
Conc: 5.11 ng/ml



#24 AR-1248-4

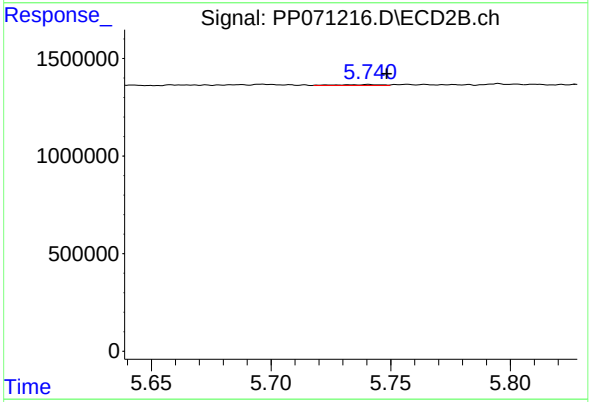
R.T.: 5.338 min
Delta R.T.: -0.016 min
Response: 204790
Conc: 4.54 ng/ml



#25 AR-1248-5

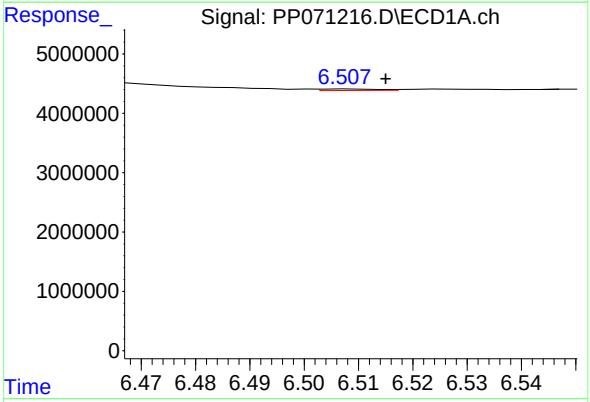
R.T.: 6.526 min
Delta R.T.: -0.052 min
Response: 327562
Conc: 5.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-075-IDWGW-20250409



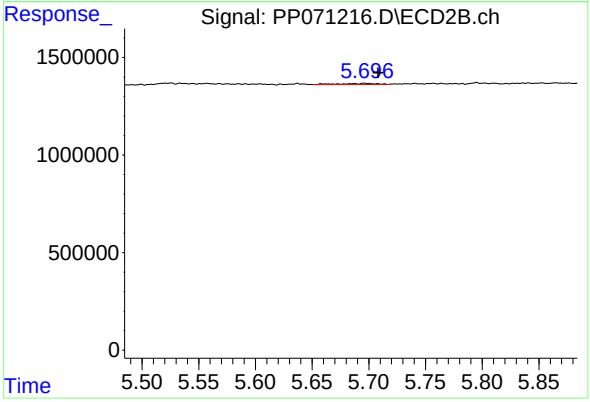
#25 AR-1248-5

R.T.: 5.741 min
Delta R.T.: -0.008 min
Response: 58463
Conc: 1.37 ng/ml



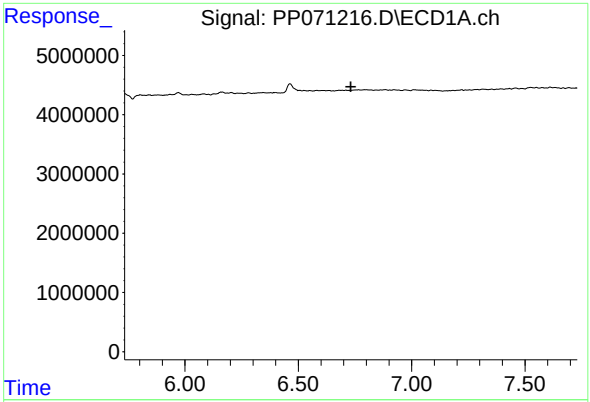
#26 AR-1254-1

R.T.: 6.509 min
Delta R.T.: -0.006 min
Response: 191320
Conc: 2.97 ng/ml



#26 AR-1254-1

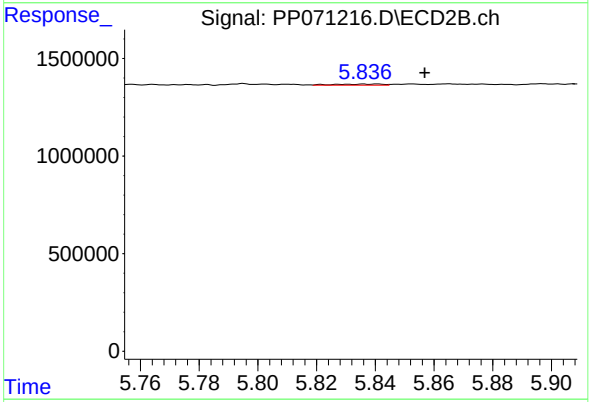
R.T.: 5.696 min
Delta R.T.: -0.012 min
Response: 134160
Conc: 2.03 ng/ml



#27 AR-1254-2

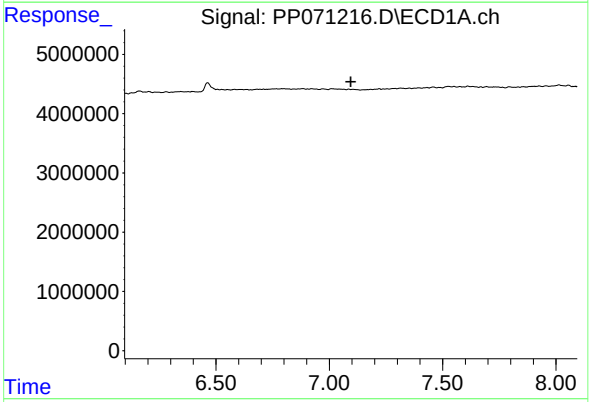
R.T.: 0.000 min
Exp R.T. : 6.732 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TT-075-IDWGW-20250409



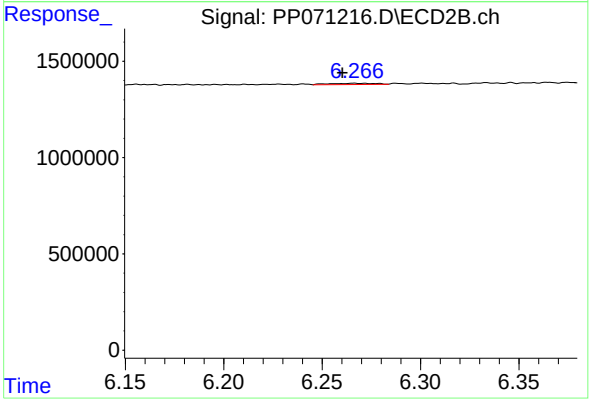
#27 AR-1254-2

R.T.: 5.841 min
Delta R.T.: -0.016 min
Response: 66231
Conc: 1.16 ng/ml



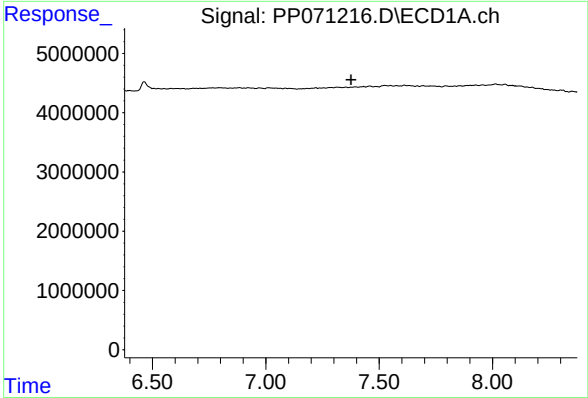
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 7.095 min
Response: 0
Conc: N.D.



#28 AR-1254-3

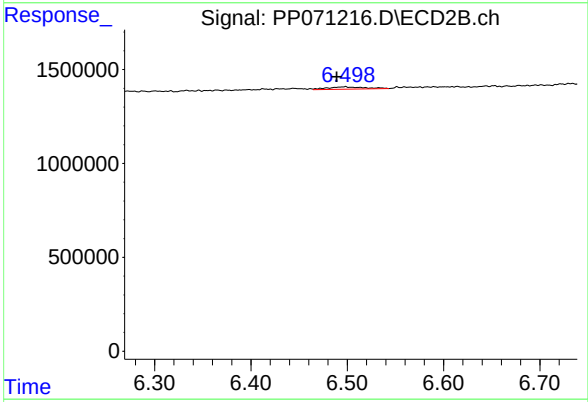
R.T.: 6.266 min
Delta R.T.: 0.006 min
Response: 99934
Conc: 1.15 ng/ml



#29 AR-1254-4

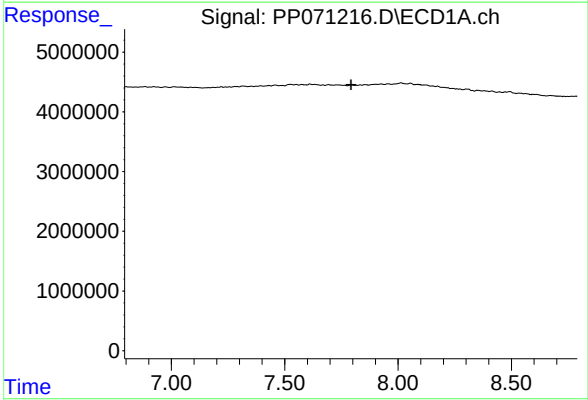
R.T.: 0.000 min
Exp R.T. : 7.377 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TT-075-IDWGW-20250409



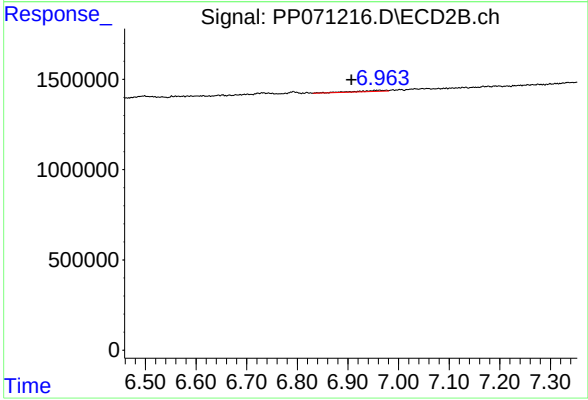
#29 AR-1254-4

R.T.: 6.498 min
Delta R.T.: 0.008 min
Response: 337920
Conc: 6.02 ng/ml



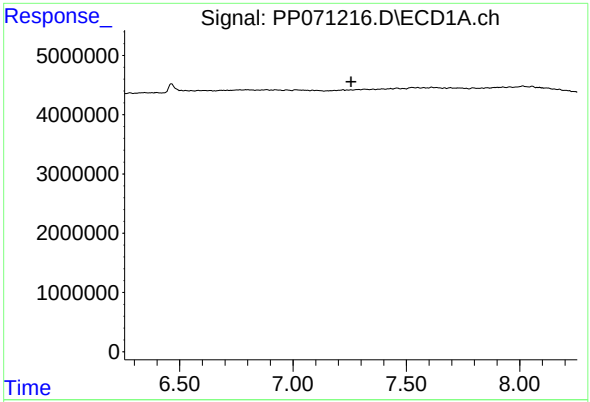
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.793 min
Response: 0
Conc: N.D.



#30 AR-1254-5

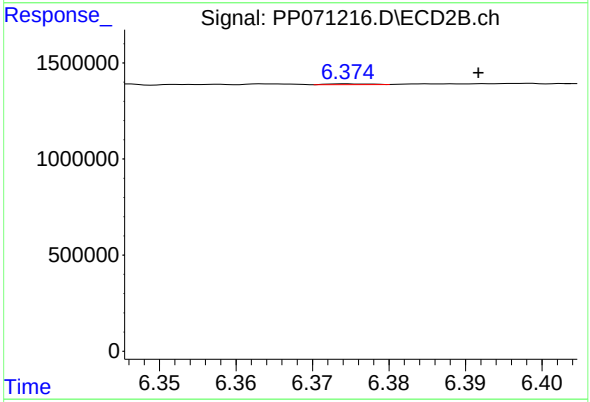
R.T.: 6.962 min
Delta R.T.: 0.055 min
Response: 257581
Conc: 3.57 ng/ml



#31 AR-1260-1

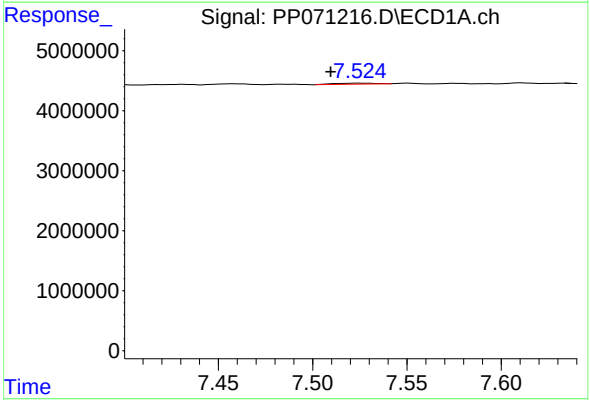
R.T.: 0.000 min
Exp R.T. : 7.256 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TT-075-IDWGW-20250409



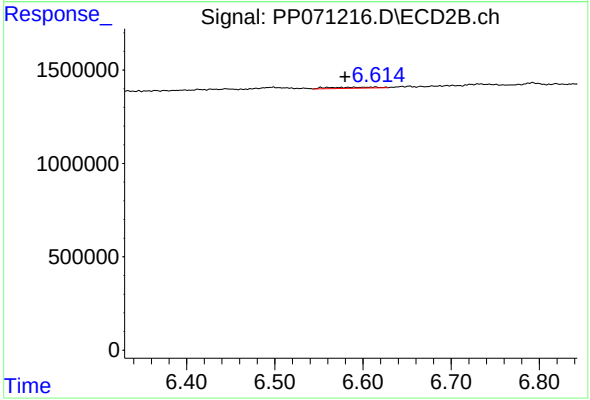
#31 AR-1260-1

R.T.: 6.375 min
Delta R.T.: -0.017 min
Response: 17015
Conc: 0.33 ng/ml



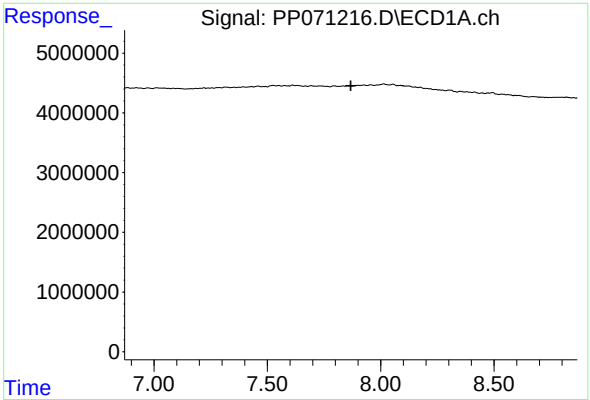
#32 AR-1260-2

R.T.: 7.526 min
Delta R.T.: 0.016 min
Response: 240875
Conc: 2.51 ng/ml



#32 AR-1260-2

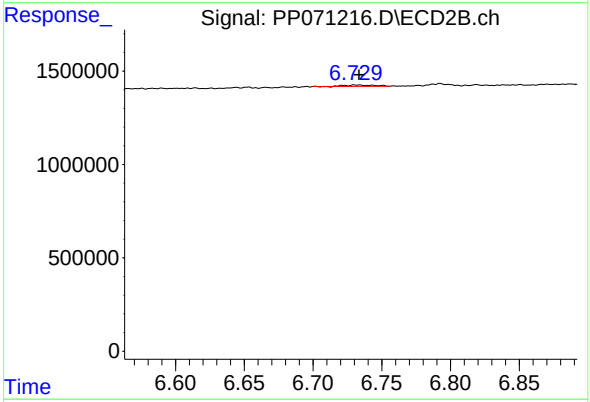
R.T.: 6.614 min
Delta R.T.: 0.034 min
Response: 222815
Conc: 3.49 ng/ml



#33 AR-1260-3

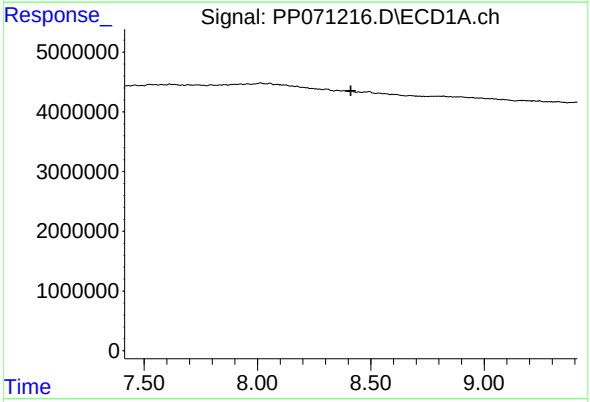
R.T.: 0.000 min
Exp R.T. : 7.868 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TT-075-IDWGW-20250409



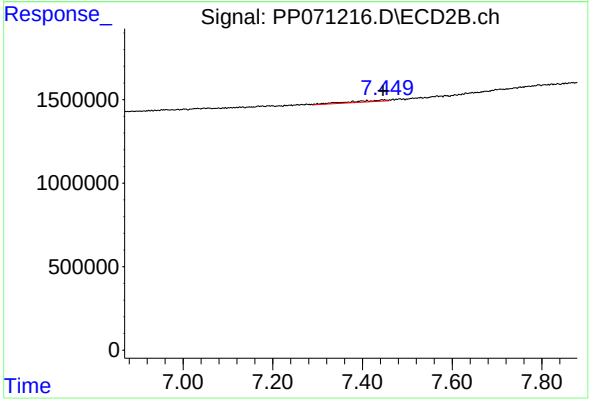
#33 AR-1260-3

R.T.: 6.743 min
Delta R.T.: 0.009 min
Response: 98440
Conc: 1.81 ng/ml



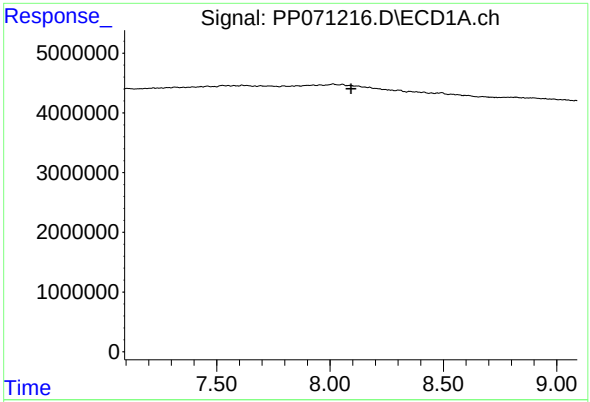
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 8.411 min
Response: 0
Conc: N.D.



#35 AR-1260-5

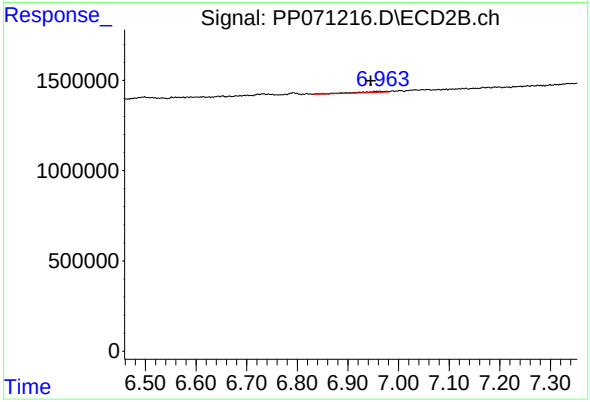
R.T.: 7.445 min
Delta R.T.: -0.001 min
Response: 515892
Conc: 4.14 ng/ml



#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.093 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TT-075-IDWGW-20250409



#36 AR-1262-1

R.T.: 6.962 min
Delta R.T.: 0.017 min
Response: 257581
Conc: 3.01 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041025\
Data File : PP071217.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 21:21
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: Apr 11 01:40:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.514	3.813	77905830	50112553	53.303	48.341	
2)	SA Decachlor...	10.233	8.851	56021583	35442305	53.221	44.966	
	Target Compounds							
3)	L1 AR-1016-1	5.668	4.899	26571620	21461504	522.536	535.357	
4)	L1 AR-1016-2	5.689	4.917	40716192	30312527	521.644	523.849	
5)	L1 AR-1016-3	5.752	5.094	24018488	17377252	509.140	561.947	
6)	L1 AR-1016-4	5.849	5.136	20505917	13472625	557.897	553.156	
7)	L1 AR-1016-5	6.142	5.351	19600520	17617568	577.979	545.078	
8)	L2 AR-1221-1	4.712	4.022	2634952	2154326	151.838	141.327	
9)	L2 AR-1221-2	4.802	4.111	3834889	3231309	296.063	282.549	
10)	L2 AR-1221-3	4.877	4.186	14022919	11659328	336.142	342.027	
11)	L3 AR-1232-1	4.877	4.186	14022919	11659328	421.252	416.602	
12)	L3 AR-1232-2	5.403	4.917	19229451	30312527	1208.614	1080.232	
13)	L3 AR-1232-3	5.689	5.094	40716192	17377252	1188.086	1167.074	
14)	L3 AR-1232-4	5.849	5.178	20505917	16948273	1305.479	1323.632	
15)	L3 AR-1232-5	5.939	5.351	16771408	17617568	1576.208	1242.881	
16)	L4 AR-1242-1	5.668	4.899	26571620	21461504	604.214	627.606	
17)	L4 AR-1242-2	5.689	4.917	40716192	30312527	633.061	615.386	
18)	L4 AR-1242-3	5.752	5.094	24018488	17377252	585.254	652.195	
19)	L4 AR-1242-4	5.849	5.178	20505917	16948273	671.811	642.510	
20)	L4 AR-1242-5	6.580	5.703	10586579	19036872	289.961	614.920	#
21)	L5 AR-1248-1	5.668	4.899	26571620	21461504	732.253	792.523	
22)	L5 AR-1248-2	5.939	5.136	16771408	13472625	373.207	366.877	
23)	L5 AR-1248-3	6.142	5.178	19600520	16948273	387.075	438.400	
24)	L5 AR-1248-4	6.539	5.351	7909806	17617568	123.306	390.279	#
25)	L5 AR-1248-5	6.580	5.743	10586579	5832113	173.989	136.651	
26)	L6 AR-1254-1	6.517	5.703	18770645	19036872	291.514	288.360	
27)	L6 AR-1254-2	6.733	5.851	20856559	14011283	206.316	245.389	
28)	L6 AR-1254-3	7.097	6.270	12944159	29975135	129.795	345.171	#
29)	L6 AR-1254-4	7.380	6.483	10781553	3920889	124.503	69.890	#
30)	L6 AR-1254-5	7.794	6.900	53672406	35145902	667.975	487.118	#
31)	L7 AR-1260-1	7.260	6.386	41604859	29516353	619.555	576.420	
32)	L7 AR-1260-2	7.515	6.574	55990405	35260257	582.406	552.722	
33)	L7 AR-1260-3	7.873	6.727	43900066	30616282	549.313	561.902	
34)	L7 AR-1260-4	8.099	7.198	41714335	24641031	529.794	515.219	
35)	L7 AR-1260-5	8.417	7.440	86089807	57900706	541.833	465.027	
36)	L8 AR-1262-1	8.099	6.939	41714335	30091242	392.420	351.683	
37)	L8 AR-1262-2	8.417	7.198	86089807	24641031	433.958	359.910	
38)	L8 AR-1262-3	8.741	7.722	51323693	14617667	389.578	240.725	#
39)	L8 AR-1262-4	8.807	7.786	31201090	39776460	326.320	400.139	
40)	L8 AR-1262-5	9.475	8.287	22316869	14984647	342.986	319.696	
41)	L9 AR-1268-1	8.741	7.722	51323693	14617667	217.928	85.283	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041025\
Data File : PP071217.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 21:21
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: Apr 11 01:40:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.807	7.786	31201090	39776460	159.747	277.608 #
43) L9	AR-1268-3	9.053	7.992	1226042	628034	7.173	5.100 #
44) L9	AR-1268-4	9.475	8.287	22316869	14984647	315.445	283.729
45) L9	AR-1268-5	9.893	8.588	5633743	3806177	11.831	10.518

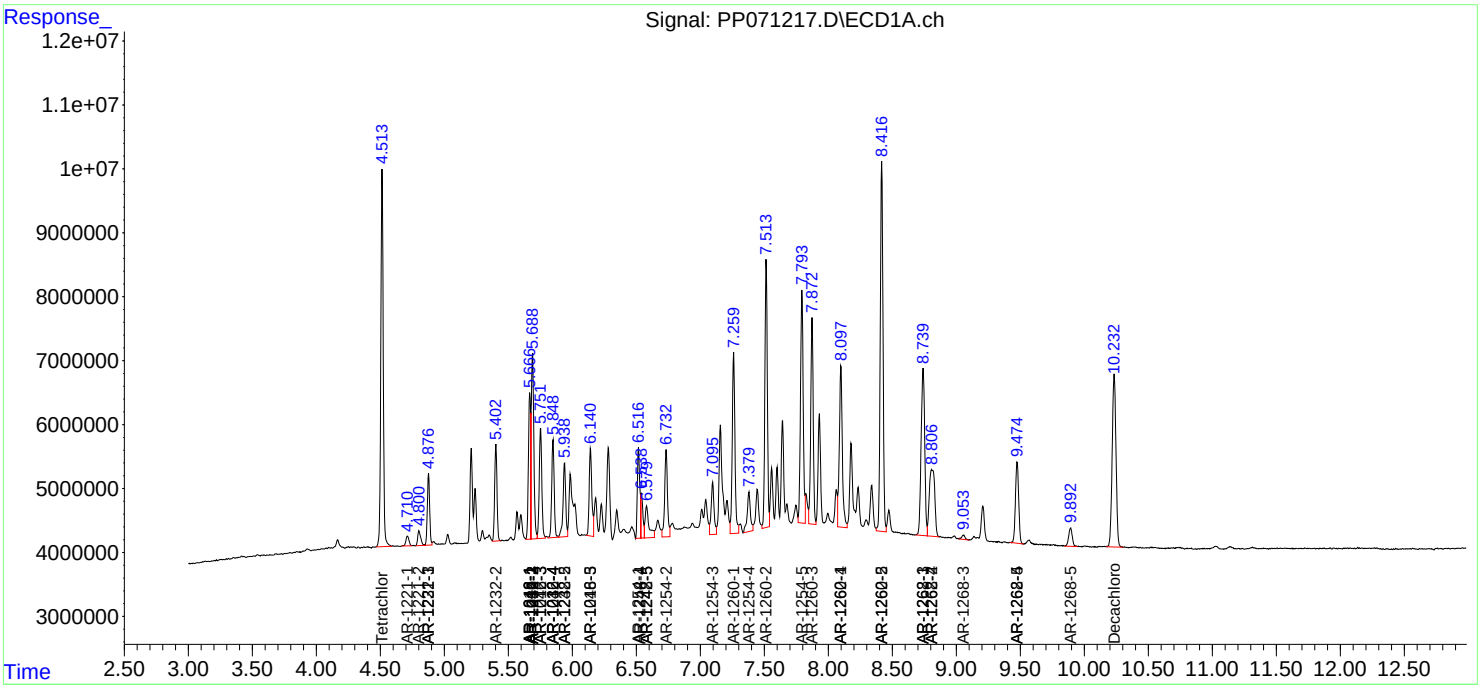
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

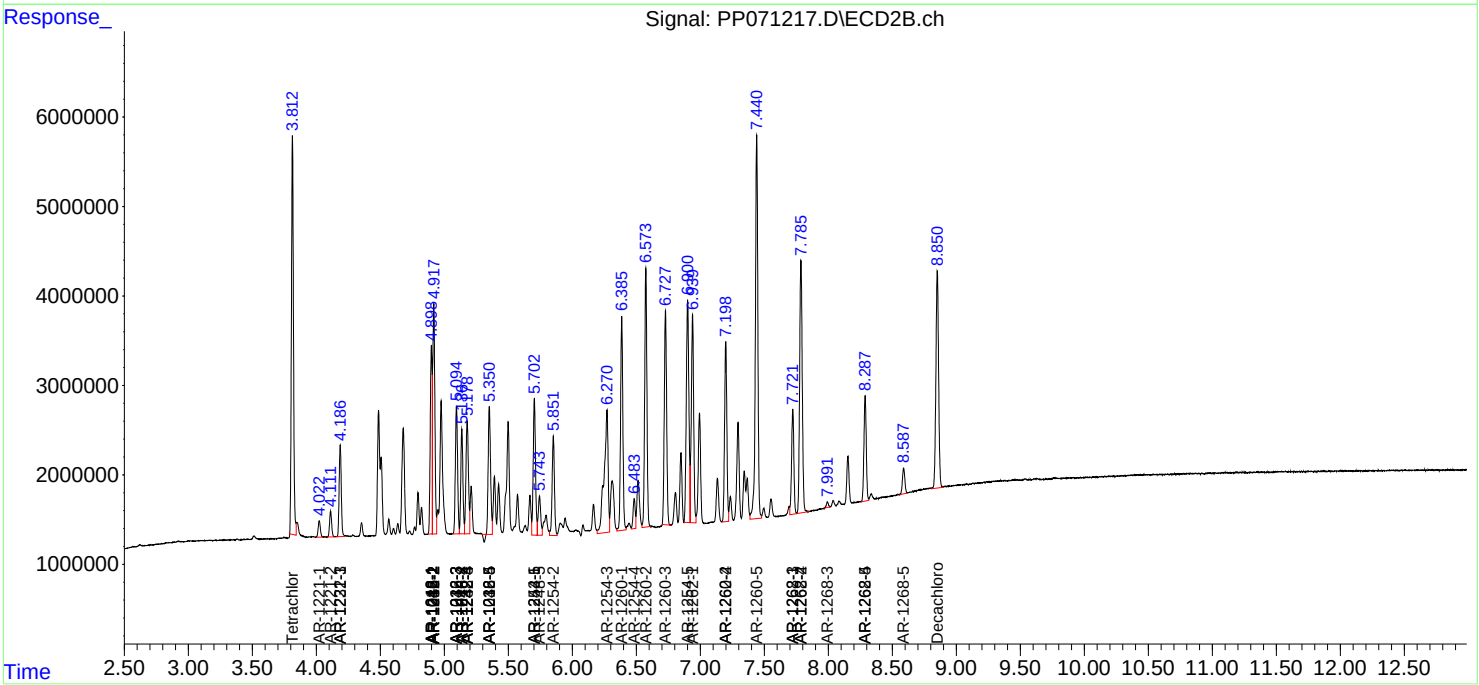
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041025\
Data File : PP071217.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 21:21
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

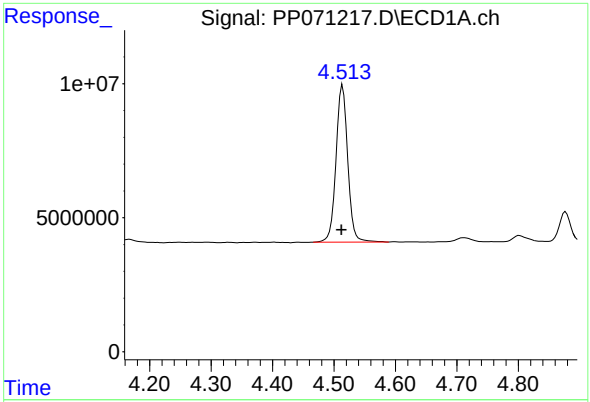
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 11 01:40:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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



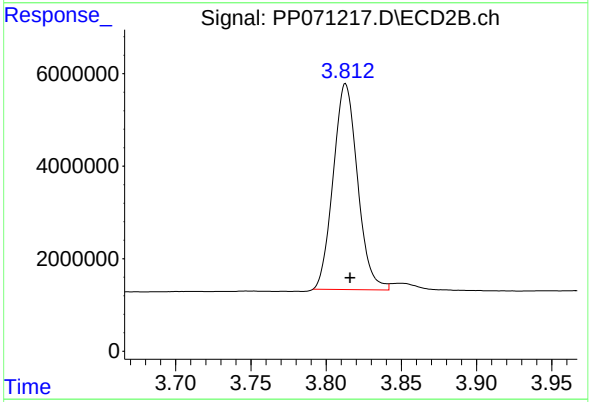




#1 Tetrachloro-m-xylene

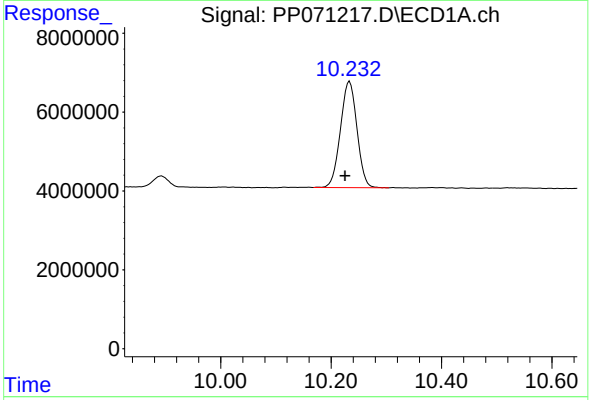
R.T.: 4.514 min
Delta R.T.: 0.002 min
Response: 77905830
Conc: 53.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



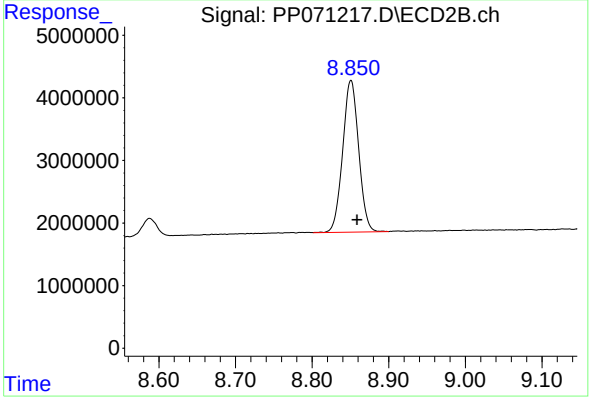
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: -0.003 min
Response: 50112553
Conc: 48.34 ng/ml



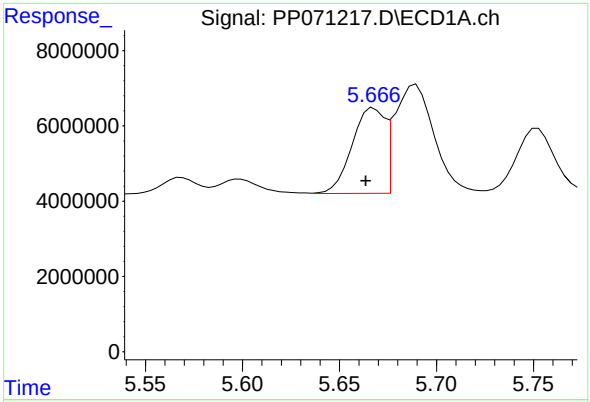
#2 Decachlorobiphenyl

R.T.: 10.233 min
Delta R.T.: 0.008 min
Response: 56021583
Conc: 53.22 ng/ml



#2 Decachlorobiphenyl

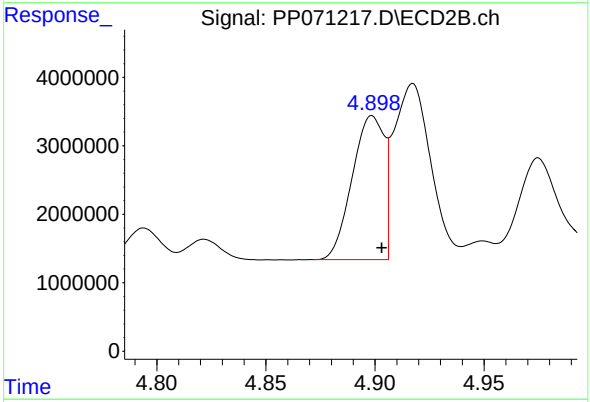
R.T.: 8.851 min
Delta R.T.: -0.008 min
Response: 35442305
Conc: 44.97 ng/ml



#3 AR-1016-1

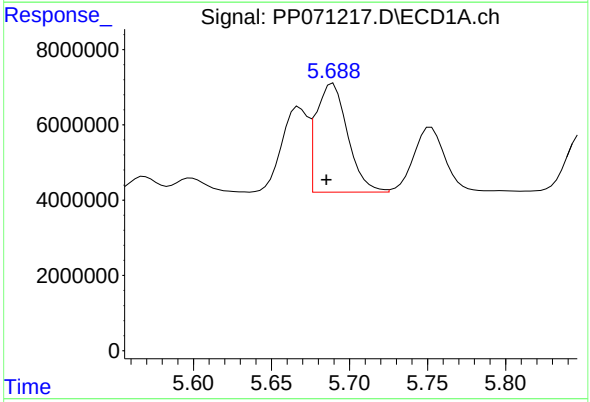
R.T.: 5.668 min
Delta R.T.: 0.004 min
Response: 26571620
Conc: 522.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



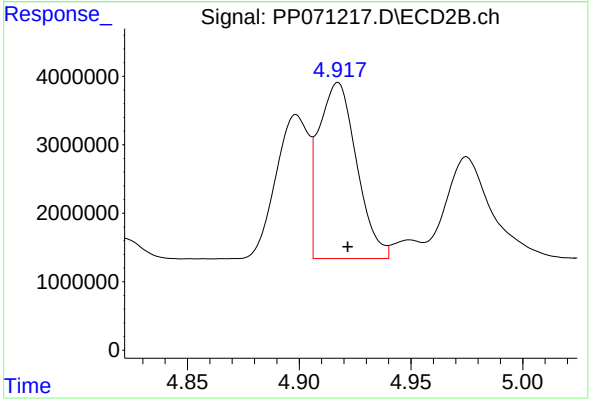
#3 AR-1016-1

R.T.: 4.899 min
Delta R.T.: -0.004 min
Response: 21461504
Conc: 535.36 ng/ml



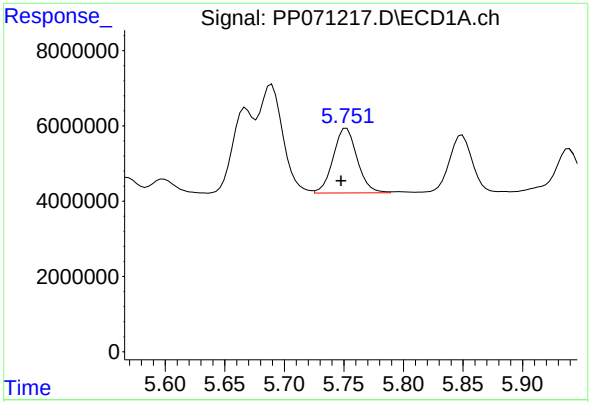
#4 AR-1016-2

R.T.: 5.689 min
Delta R.T.: 0.004 min
Response: 40716192
Conc: 521.64 ng/ml



#4 AR-1016-2

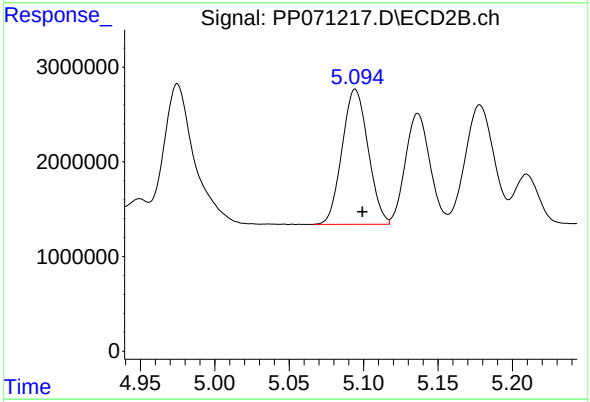
R.T.: 4.917 min
Delta R.T.: -0.004 min
Response: 30312527
Conc: 523.85 ng/ml



#5 AR-1016-3

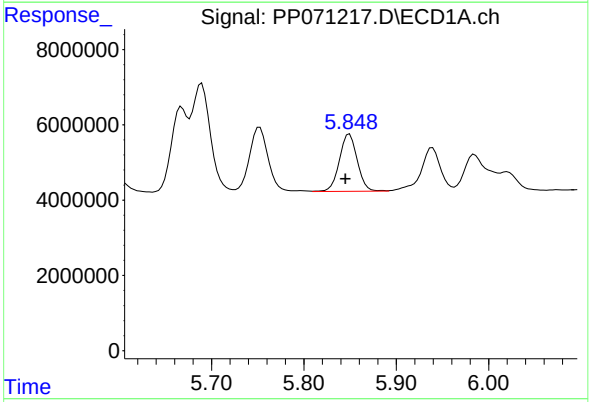
R.T.: 5.752 min
Delta R.T.: 0.005 min
Response: 24018488
Conc: 509.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



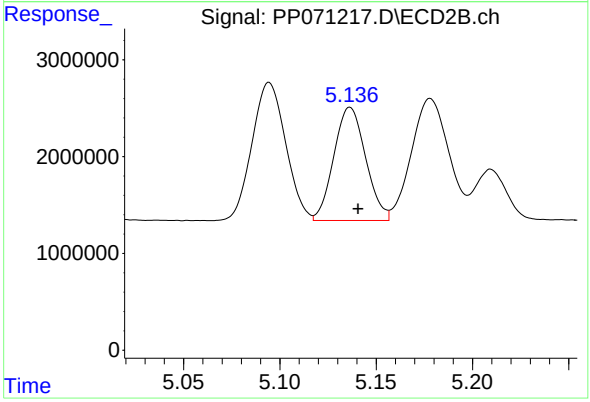
#5 AR-1016-3

R.T.: 5.094 min
Delta R.T.: -0.005 min
Response: 17377252
Conc: 561.95 ng/ml



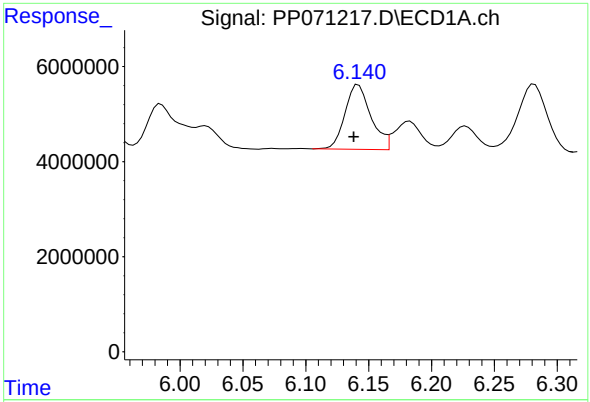
#6 AR-1016-4

R.T.: 5.849 min
Delta R.T.: 0.004 min
Response: 20505917
Conc: 557.90 ng/ml



#6 AR-1016-4

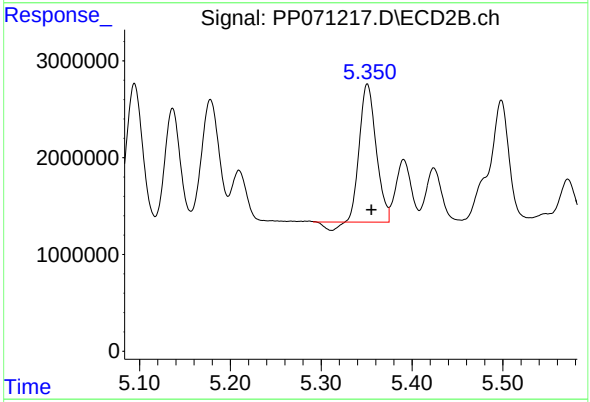
R.T.: 5.136 min
Delta R.T.: -0.004 min
Response: 13472625
Conc: 553.16 ng/ml



#7 AR-1016-5

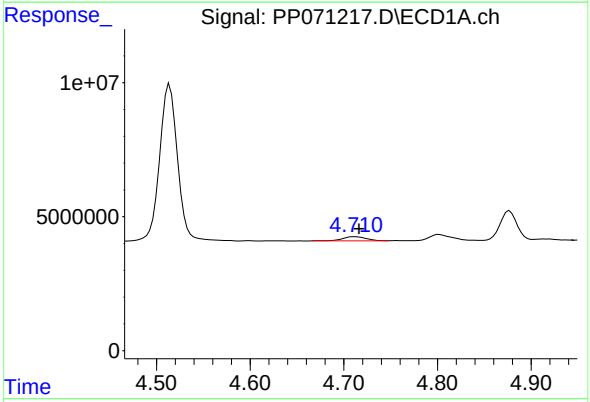
R.T.: 6.142 min
Delta R.T.: 0.004 min
Response: 19600520
Conc: 577.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



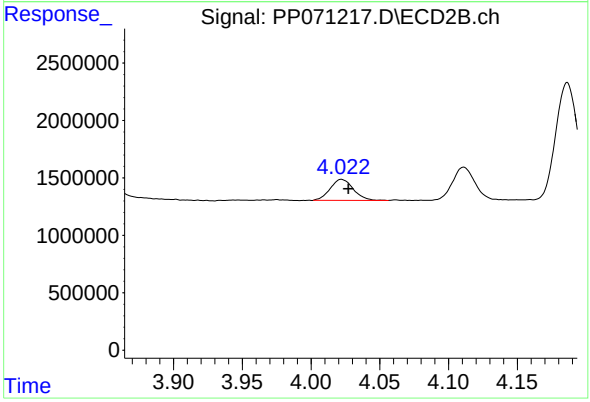
#7 AR-1016-5

R.T.: 5.351 min
Delta R.T.: -0.004 min
Response: 17617568
Conc: 545.08 ng/ml



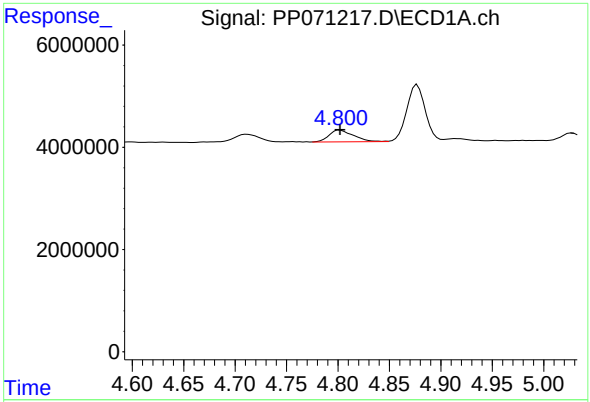
#8 AR-1221-1

R.T.: 4.712 min
Delta R.T.: -0.005 min
Response: 2634952
Conc: 151.84 ng/ml



#8 AR-1221-1

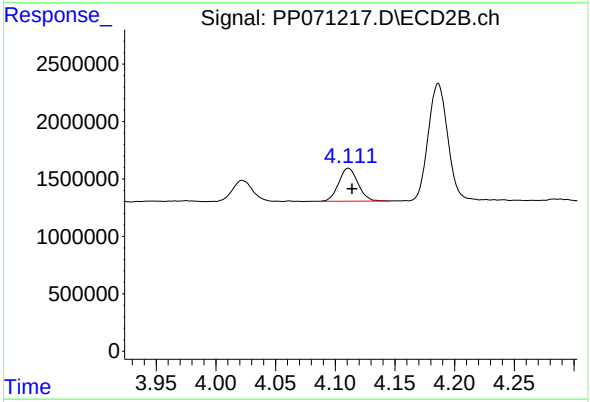
R.T.: 4.022 min
Delta R.T.: -0.005 min
Response: 2154326
Conc: 141.33 ng/ml



#9 AR-1221-2

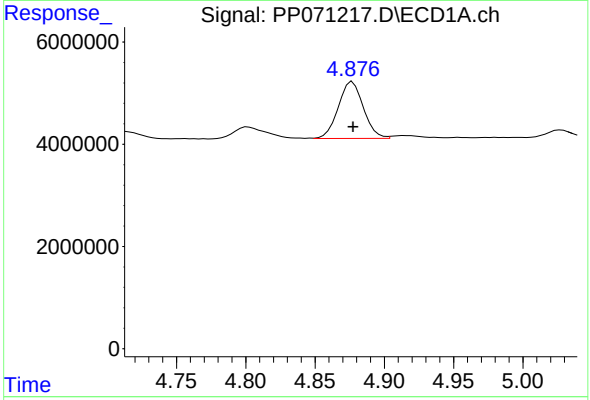
R.T.: 4.802 min
Delta R.T.: 0.000 min
Response: 3834889
Conc: 296.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



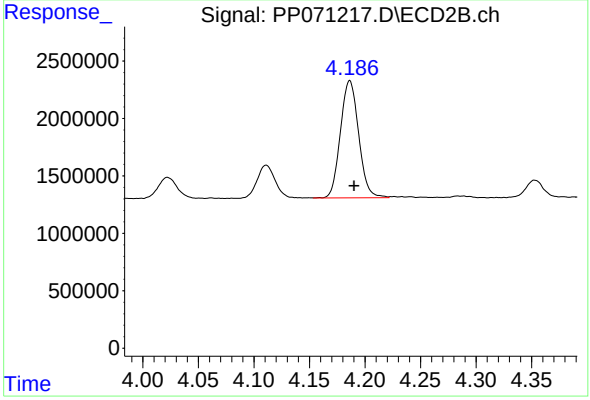
#9 AR-1221-2

R.T.: 4.111 min
Delta R.T.: -0.003 min
Response: 3231309
Conc: 282.55 ng/ml



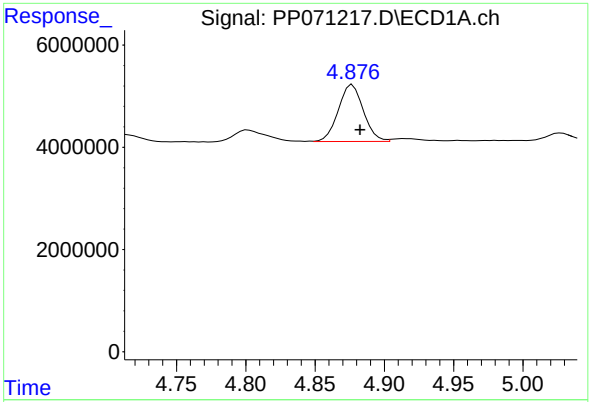
#10 AR-1221-3

R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 14022919
Conc: 336.14 ng/ml



#10 AR-1221-3

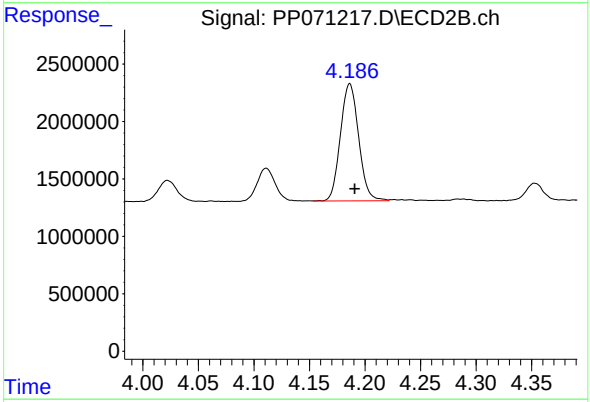
R.T.: 4.186 min
Delta R.T.: -0.004 min
Response: 11659328
Conc: 342.03 ng/ml



#11 AR-1232-1

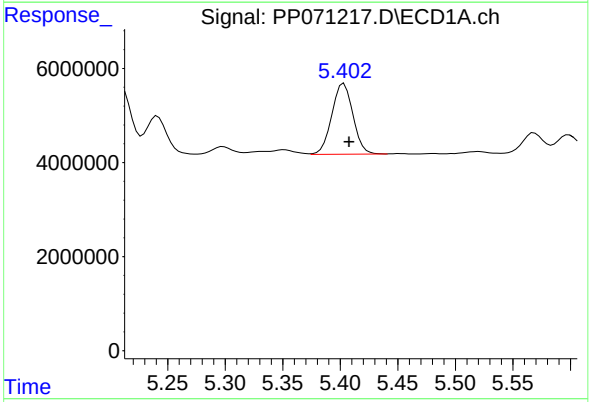
R.T.: 4.877 min
Delta R.T.: -0.005 min
Response: 14022919
Conc: 421.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



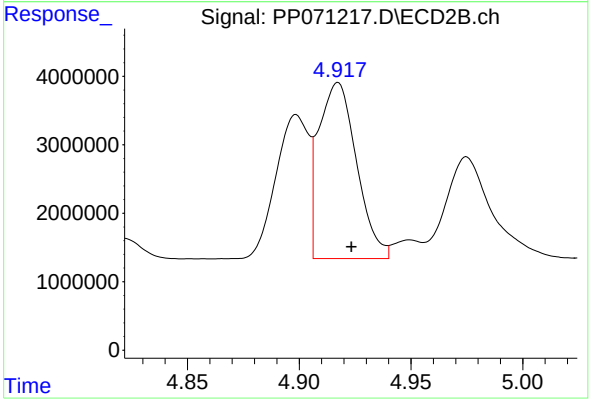
#11 AR-1232-1

R.T.: 4.186 min
Delta R.T.: -0.004 min
Response: 11659328
Conc: 416.60 ng/ml



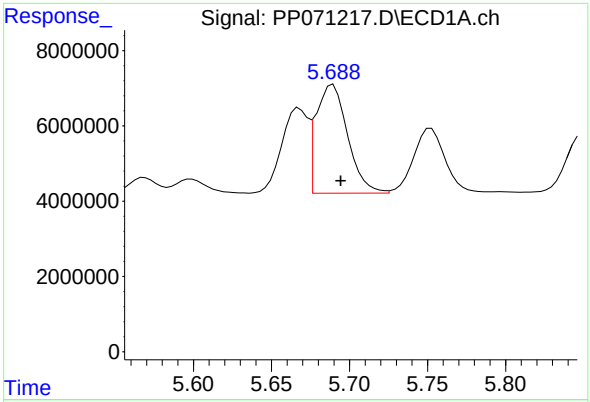
#12 AR-1232-2

R.T.: 5.403 min
Delta R.T.: -0.005 min
Response: 19229451
Conc: 1208.61 ng/ml



#12 AR-1232-2

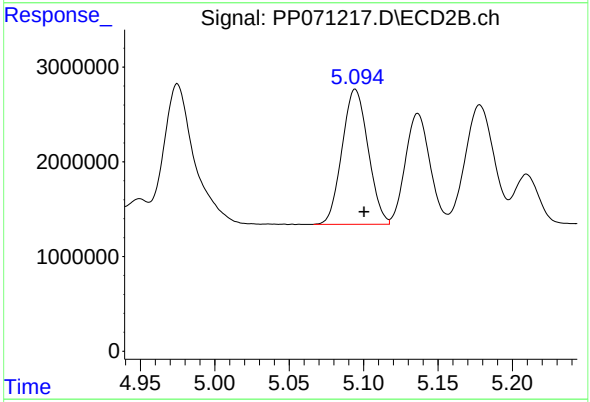
R.T.: 4.917 min
Delta R.T.: -0.006 min
Response: 30312527
Conc: 1080.23 ng/ml



#13 AR-1232-3

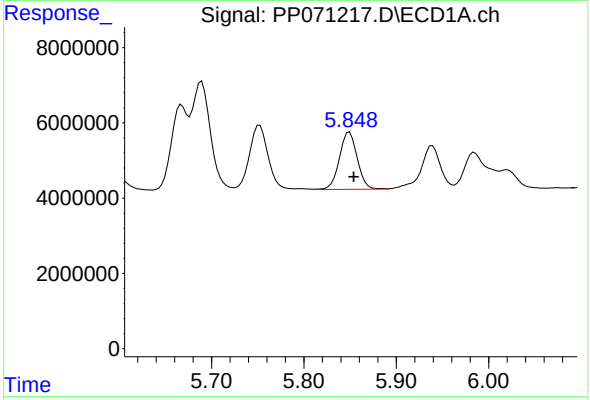
R.T.: 5.689 min
Delta R.T.: -0.005 min
Response: 40716192
Conc: 1188.09 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



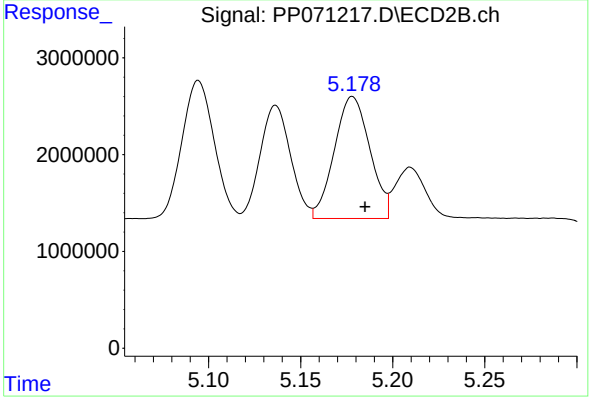
#13 AR-1232-3

R.T.: 5.094 min
Delta R.T.: -0.006 min
Response: 17377252
Conc: 1167.07 ng/ml



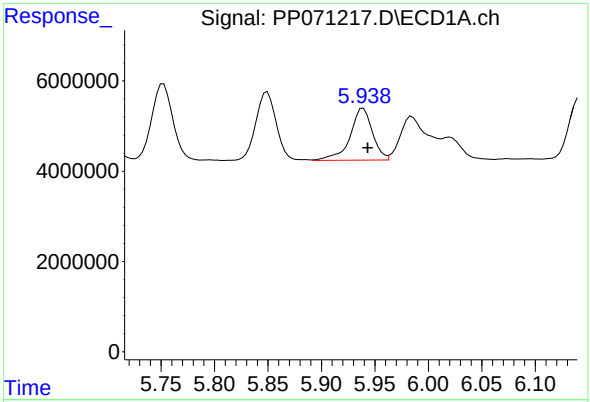
#14 AR-1232-4

R.T.: 5.849 min
Delta R.T.: -0.005 min
Response: 20505917
Conc: 1305.48 ng/ml



#14 AR-1232-4

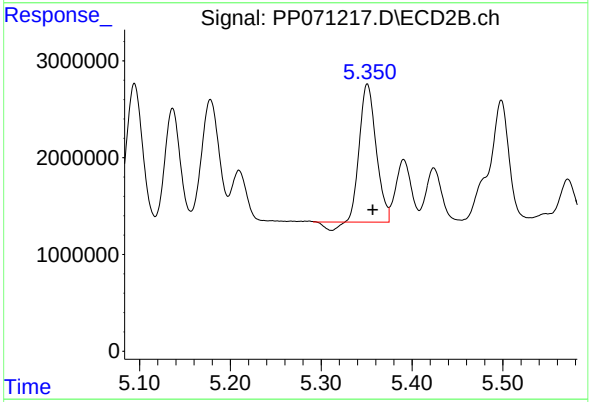
R.T.: 5.178 min
Delta R.T.: -0.007 min
Response: 16948273
Conc: 1323.63 ng/ml



#15 AR-1232-5

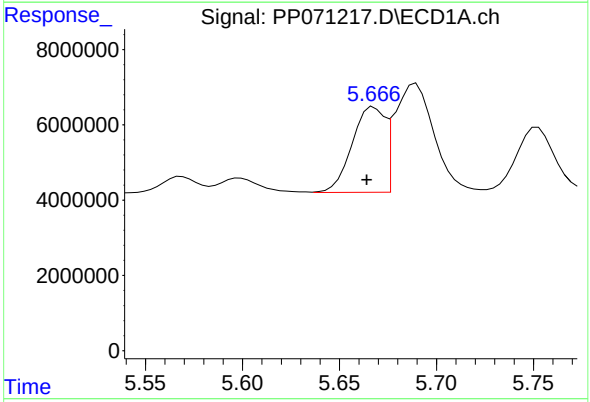
R.T.: 5.939 min
Delta R.T.: -0.004 min
Response: 16771408
Conc: 1576.21 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



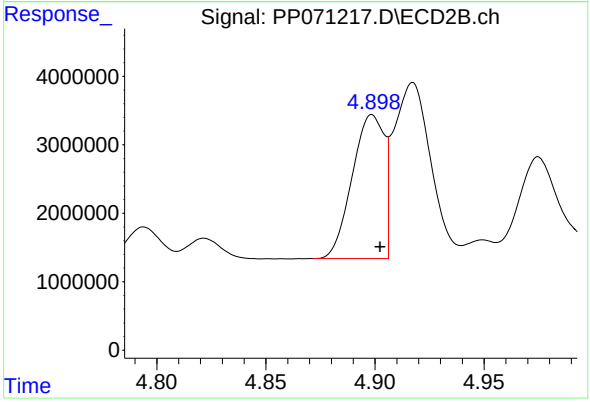
#15 AR-1232-5

R.T.: 5.351 min
Delta R.T.: -0.006 min
Response: 17617568
Conc: 1242.88 ng/ml



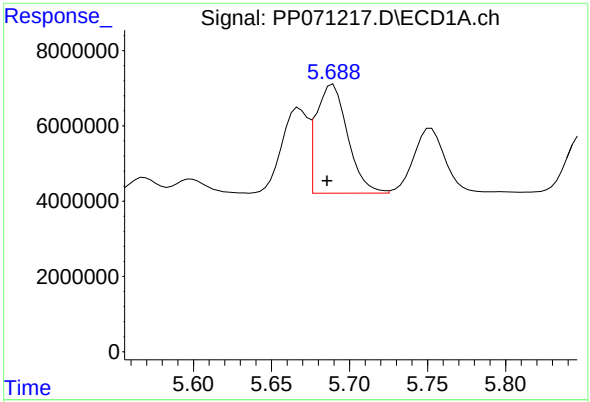
#16 AR-1242-1

R.T.: 5.668 min
Delta R.T.: 0.004 min
Response: 26571620
Conc: 604.21 ng/ml



#16 AR-1242-1

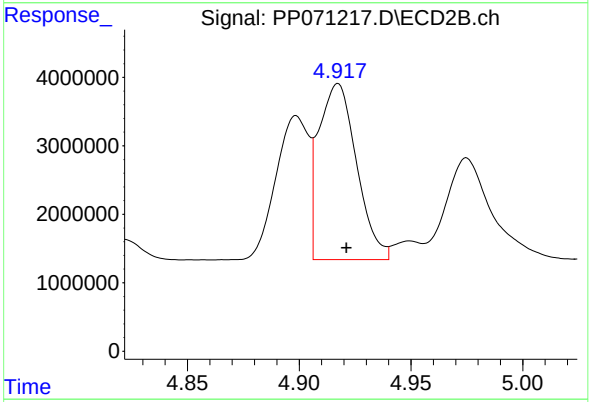
R.T.: 4.899 min
Delta R.T.: -0.004 min
Response: 21461504
Conc: 627.61 ng/ml



#17 AR-1242-2

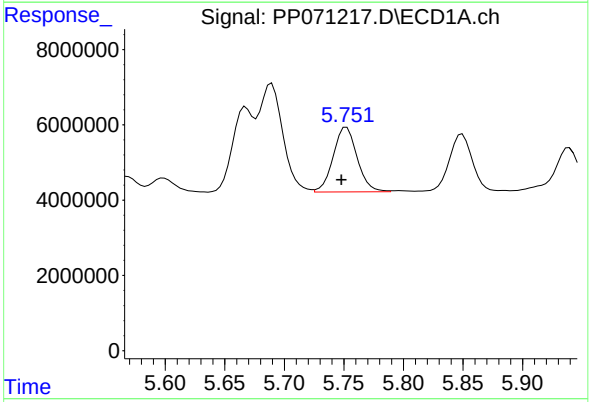
R.T.: 5.689 min
Delta R.T.: 0.004 min
Response: 40716192
Conc: 633.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



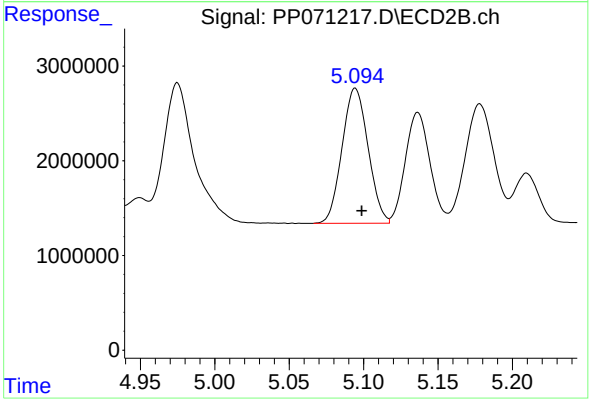
#17 AR-1242-2

R.T.: 4.917 min
Delta R.T.: -0.004 min
Response: 30312527
Conc: 615.39 ng/ml



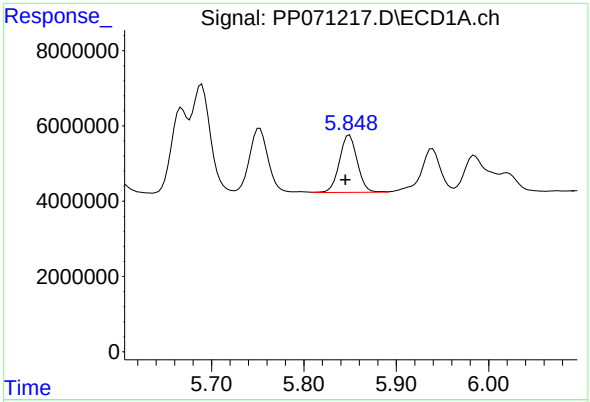
#18 AR-1242-3

R.T.: 5.752 min
Delta R.T.: 0.004 min
Response: 24018488
Conc: 585.25 ng/ml



#18 AR-1242-3

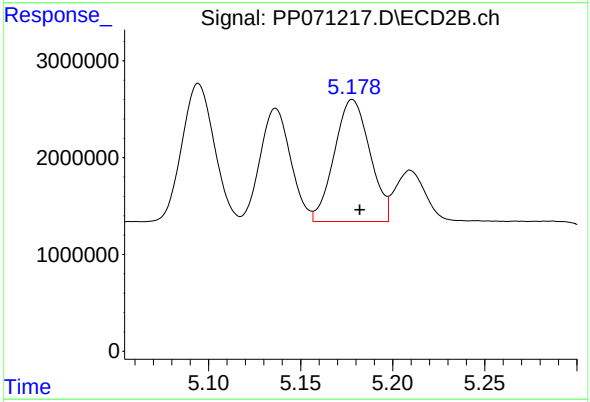
R.T.: 5.094 min
Delta R.T.: -0.004 min
Response: 17377252
Conc: 652.19 ng/ml



#19 AR-1242-4

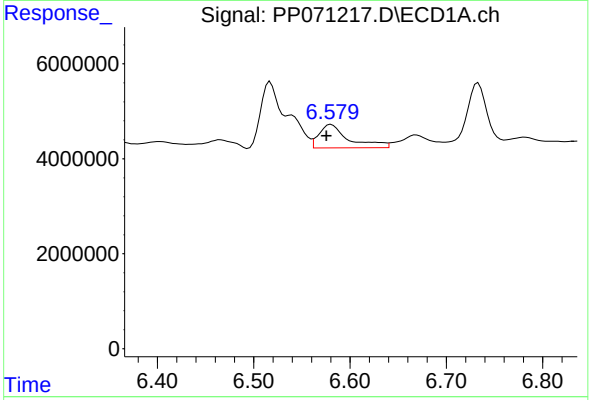
R.T.: 5.849 min
Delta R.T.: 0.004 min
Response: 20505917
Conc: 671.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



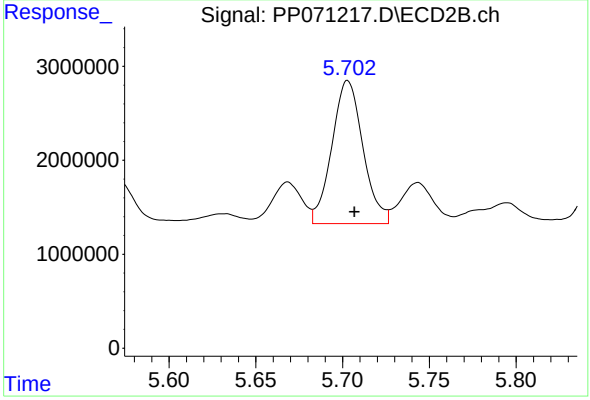
#19 AR-1242-4

R.T.: 5.178 min
Delta R.T.: -0.004 min
Response: 16948273
Conc: 642.51 ng/ml



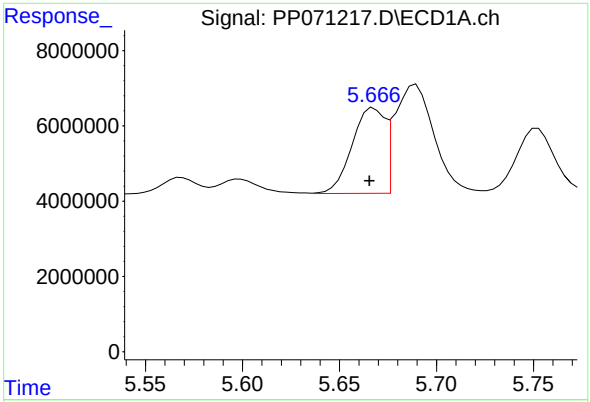
#20 AR-1242-5

R.T.: 6.580 min
Delta R.T.: 0.005 min
Response: 10586579
Conc: 289.96 ng/ml



#20 AR-1242-5

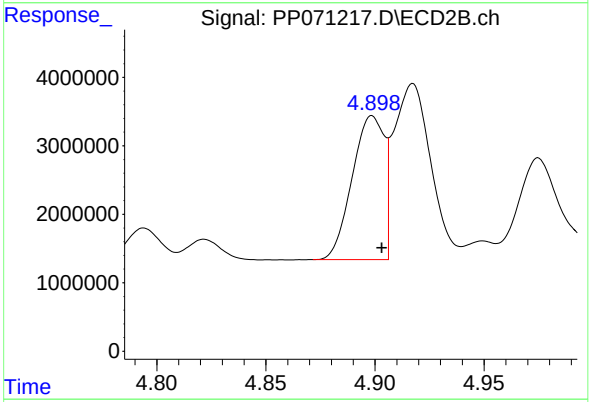
R.T.: 5.703 min
Delta R.T.: -0.004 min
Response: 19036872
Conc: 614.92 ng/ml



#21 AR-1248-1

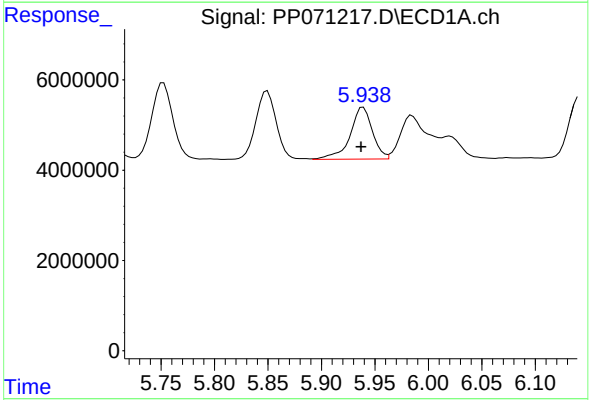
R.T.: 5.668 min
Delta R.T.: 0.002 min
Response: 26571620
Conc: 732.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



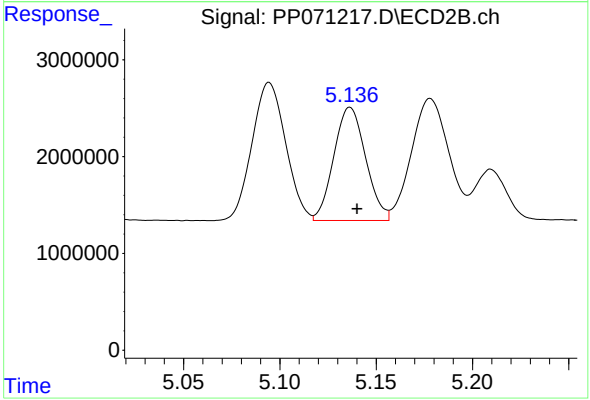
#21 AR-1248-1

R.T.: 4.899 min
Delta R.T.: -0.004 min
Response: 21461504
Conc: 792.52 ng/ml



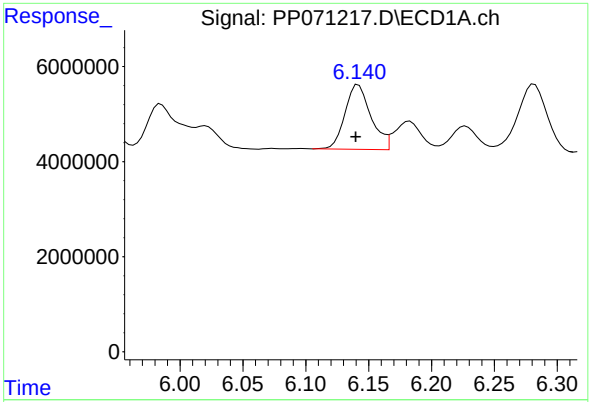
#22 AR-1248-2

R.T.: 5.939 min
Delta R.T.: 0.002 min
Response: 16771408
Conc: 373.21 ng/ml



#22 AR-1248-2

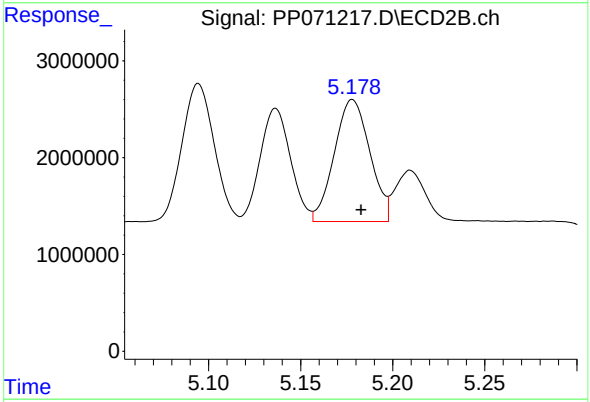
R.T.: 5.136 min
Delta R.T.: -0.004 min
Response: 13472625
Conc: 366.88 ng/ml



#23 AR-1248-3

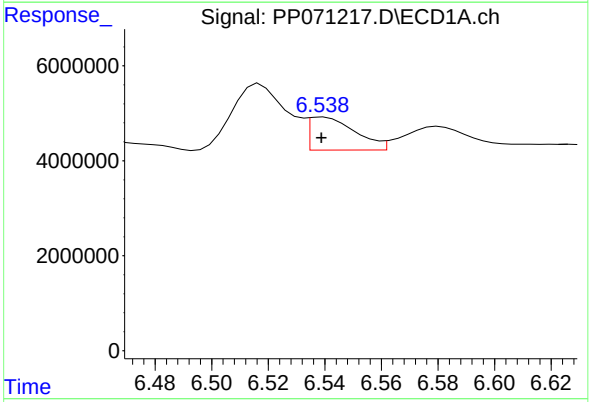
R.T.: 6.142 min
Delta R.T.: 0.002 min
Response: 19600520
Conc: 387.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



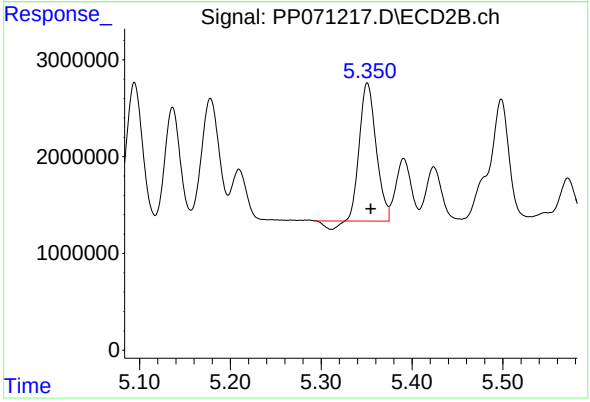
#23 AR-1248-3

R.T.: 5.178 min
Delta R.T.: -0.005 min
Response: 16948273
Conc: 438.40 ng/ml



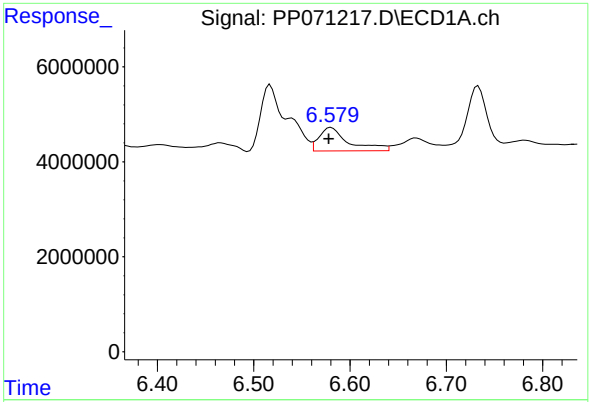
#24 AR-1248-4

R.T.: 6.539 min
Delta R.T.: 0.000 min
Response: 7909806
Conc: 123.31 ng/ml



#24 AR-1248-4

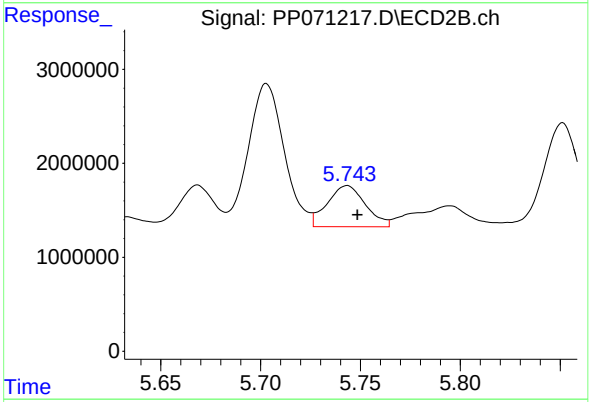
R.T.: 5.351 min
Delta R.T.: -0.004 min
Response: 17617568
Conc: 390.28 ng/ml



#25 AR-1248-5

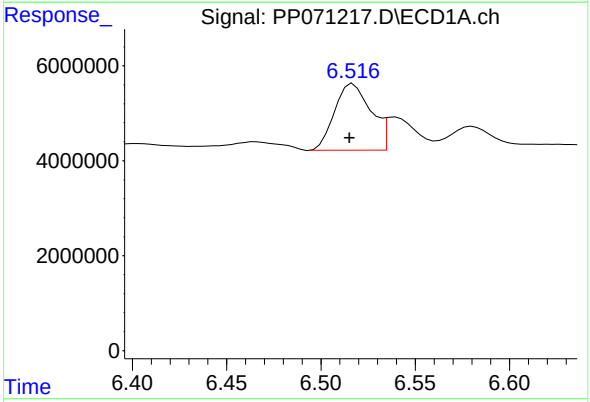
R.T.: 6.580 min
Delta R.T.: 0.003 min
Response: 10586579
Conc: 173.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



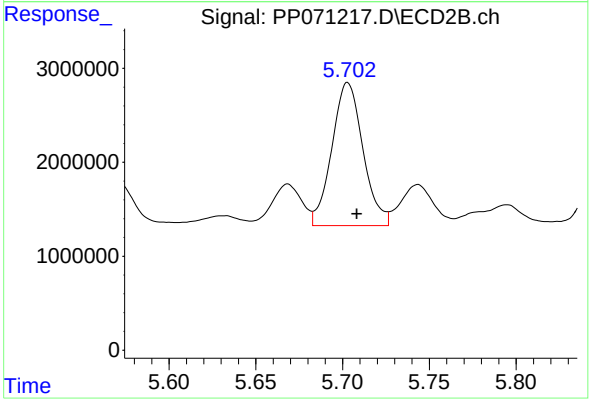
#25 AR-1248-5

R.T.: 5.743 min
Delta R.T.: -0.005 min
Response: 5832113
Conc: 136.65 ng/ml



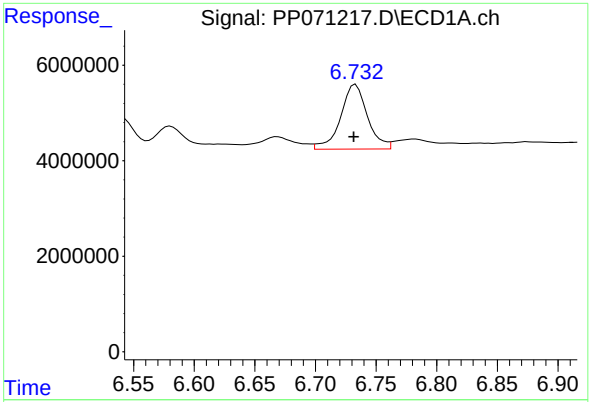
#26 AR-1254-1

R.T.: 6.517 min
Delta R.T.: 0.002 min
Response: 18770645
Conc: 291.51 ng/ml



#26 AR-1254-1

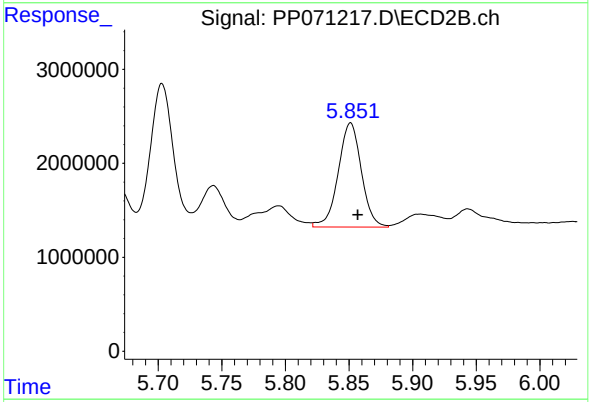
R.T.: 5.703 min
Delta R.T.: -0.005 min
Response: 19036872
Conc: 288.36 ng/ml



#27 AR-1254-2

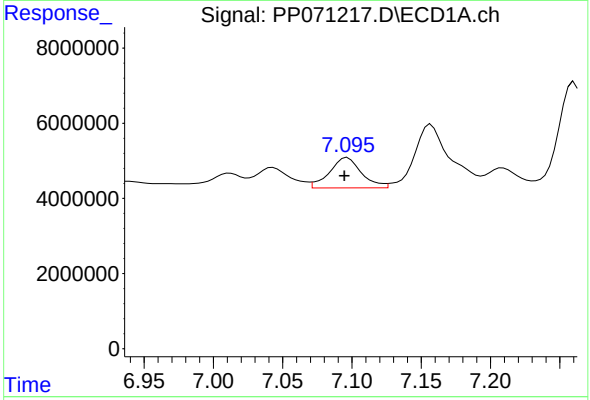
R.T.: 6.733 min
Delta R.T.: 0.002 min
Response: 20856559
Conc: 206.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



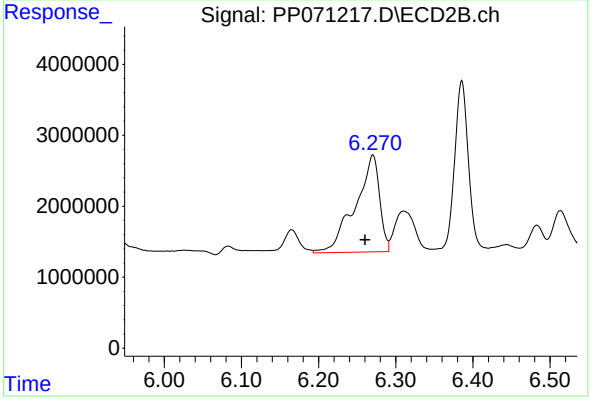
#27 AR-1254-2

R.T.: 5.851 min
Delta R.T.: -0.006 min
Response: 14011283
Conc: 245.39 ng/ml



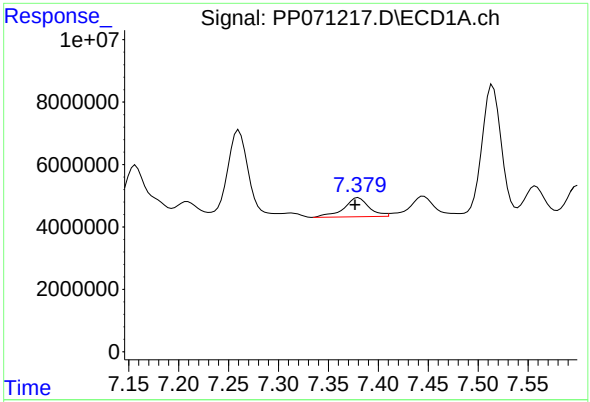
#28 AR-1254-3

R.T.: 7.097 min
Delta R.T.: 0.002 min
Response: 12944159
Conc: 129.79 ng/ml



#28 AR-1254-3

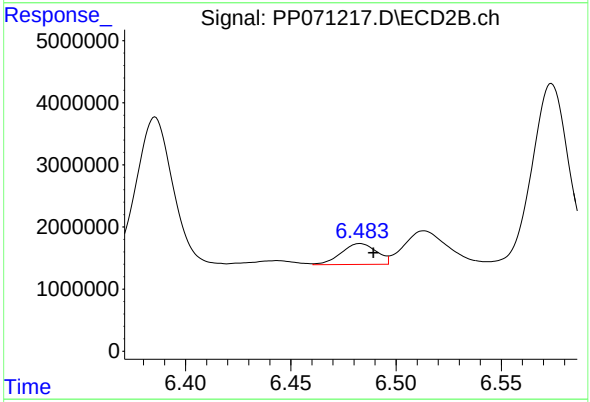
R.T.: 6.270 min
Delta R.T.: 0.010 min
Response: 29975135
Conc: 345.17 ng/ml



#29 AR-1254-4

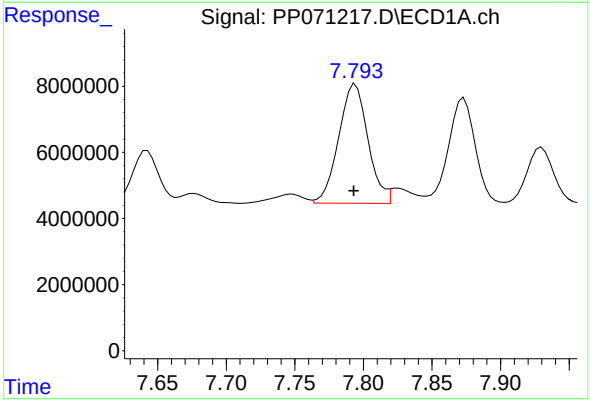
R.T.: 7.380 min
Delta R.T.: 0.003 min
Response: 10781553
Conc: 124.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



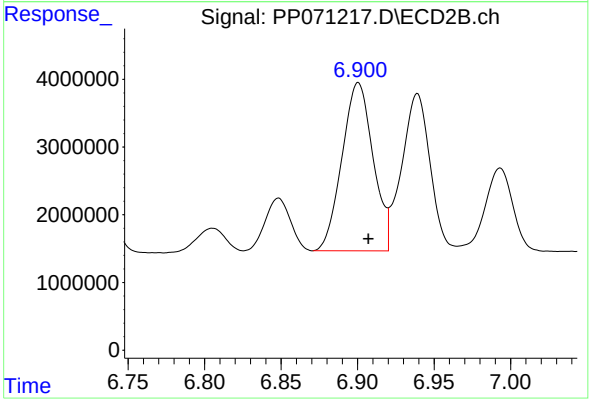
#29 AR-1254-4

R.T.: 6.483 min
Delta R.T.: -0.006 min
Response: 3920889
Conc: 69.89 ng/ml



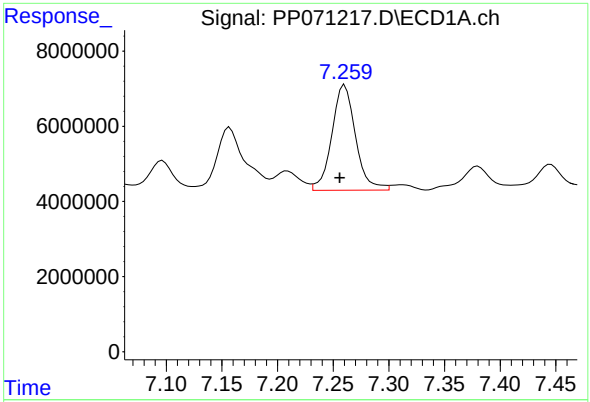
#30 AR-1254-5

R.T.: 7.794 min
Delta R.T.: 0.001 min
Response: 53672406
Conc: 667.97 ng/ml



#30 AR-1254-5

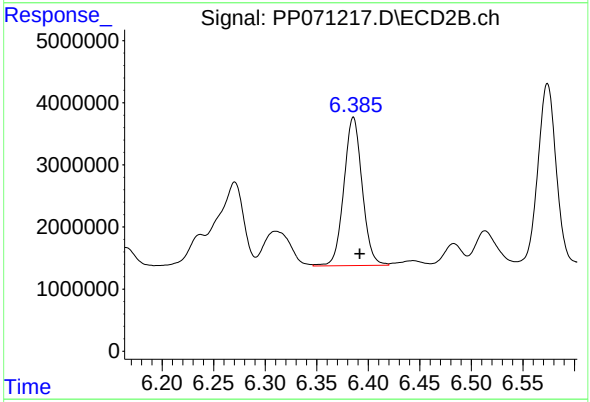
R.T.: 6.900 min
Delta R.T.: -0.006 min
Response: 35145902
Conc: 487.12 ng/ml



#31 AR-1260-1

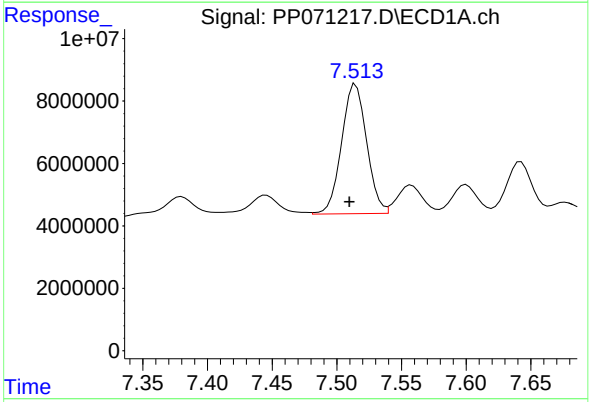
R.T.: 7.260 min
Delta R.T.: 0.005 min
Response: 41604859
Conc: 619.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



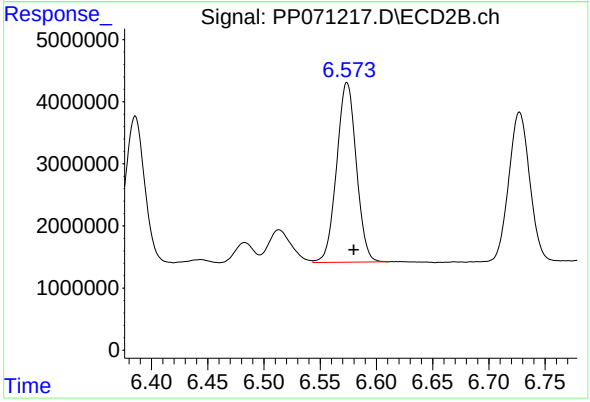
#31 AR-1260-1

R.T.: 6.386 min
Delta R.T.: -0.006 min
Response: 29516353
Conc: 576.42 ng/ml



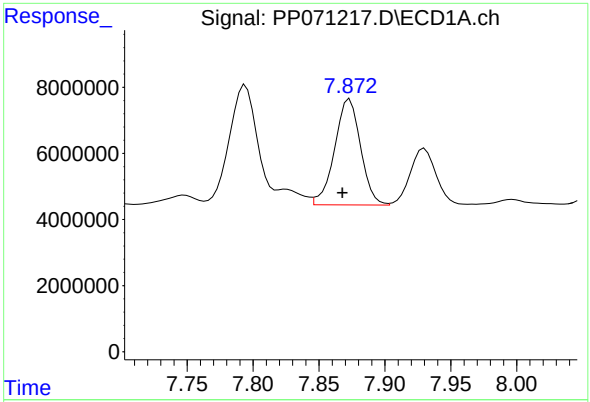
#32 AR-1260-2

R.T.: 7.515 min
Delta R.T.: 0.005 min
Response: 55990405
Conc: 582.41 ng/ml



#32 AR-1260-2

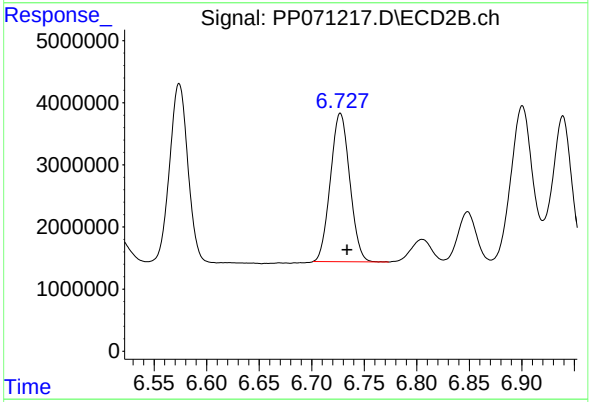
R.T.: 6.574 min
Delta R.T.: -0.006 min
Response: 35260257
Conc: 552.72 ng/ml



#33 AR-1260-3

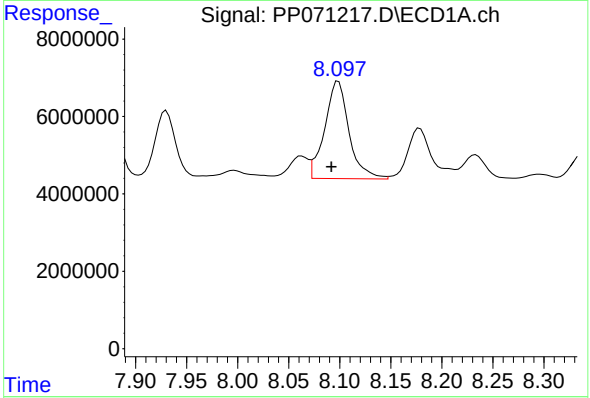
R.T.: 7.873 min
Delta R.T.: 0.006 min
Response: 43900066
Conc: 549.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



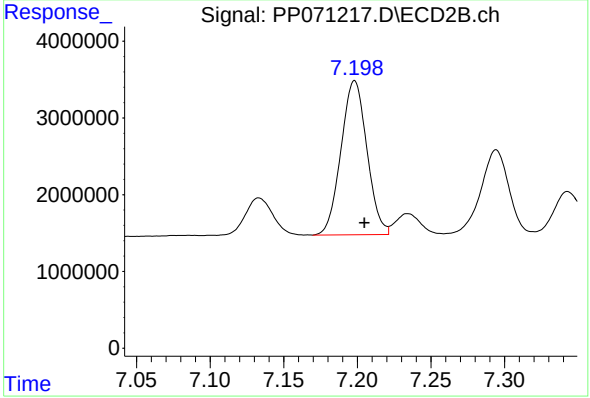
#33 AR-1260-3

R.T.: 6.727 min
Delta R.T.: -0.006 min
Response: 30616282
Conc: 561.90 ng/ml



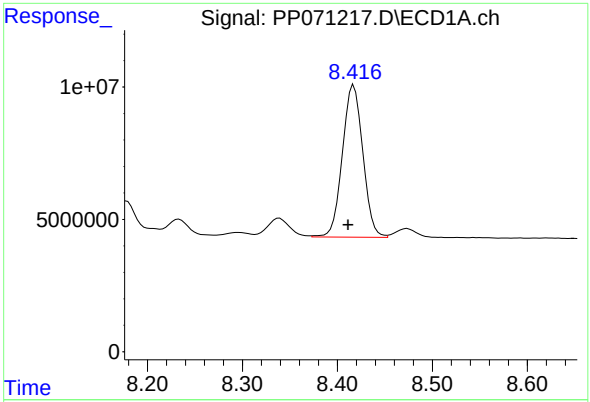
#34 AR-1260-4

R.T.: 8.099 min
Delta R.T.: 0.007 min
Response: 41714335
Conc: 529.79 ng/ml



#34 AR-1260-4

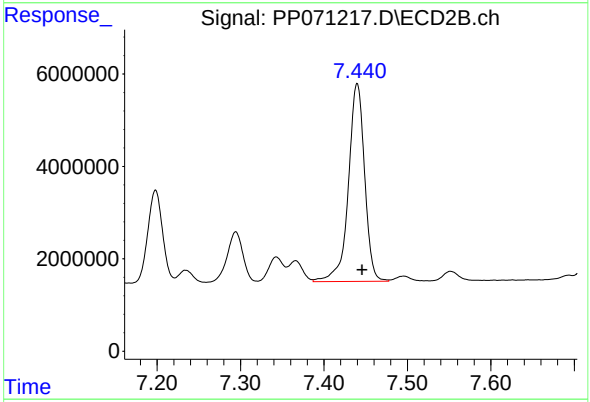
R.T.: 7.198 min
Delta R.T.: -0.007 min
Response: 24641031
Conc: 515.22 ng/ml



#35 AR-1260-5

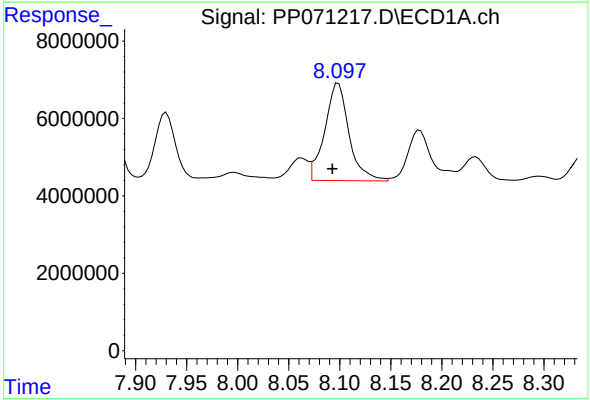
R.T.: 8.417 min
Delta R.T.: 0.006 min
Response: 86089807
Conc: 541.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



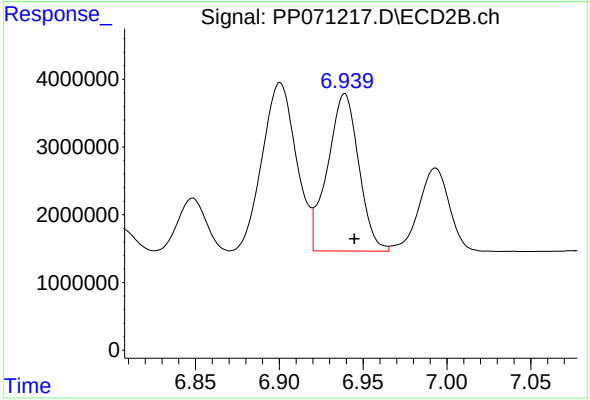
#35 AR-1260-5

R.T.: 7.440 min
Delta R.T.: -0.006 min
Response: 57900706
Conc: 465.03 ng/ml



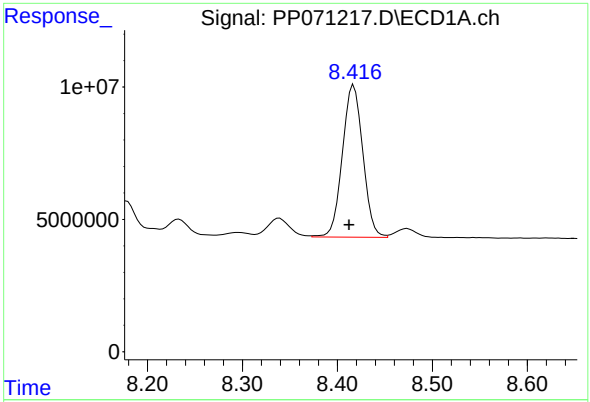
#36 AR-1262-1

R.T.: 8.099 min
Delta R.T.: 0.006 min
Response: 41714335
Conc: 392.42 ng/ml



#36 AR-1262-1

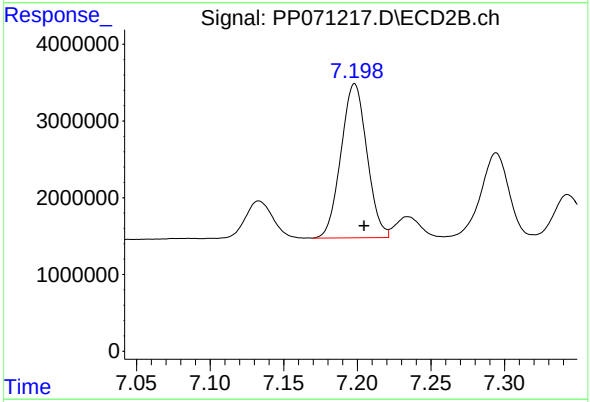
R.T.: 6.939 min
Delta R.T.: -0.006 min
Response: 30091242
Conc: 351.68 ng/ml



#37 AR-1262-2

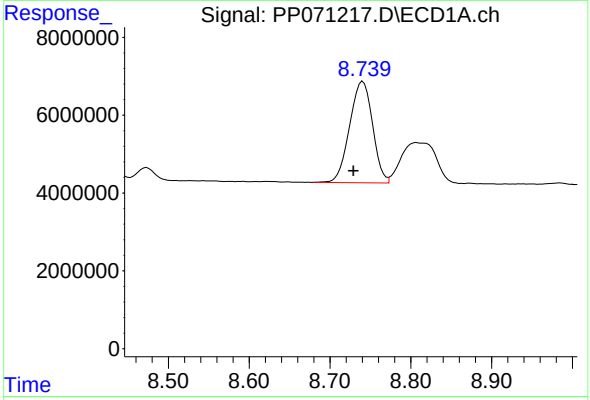
R.T.: 8.417 min
Delta R.T.: 0.005 min
Response: 86089807
Conc: 433.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



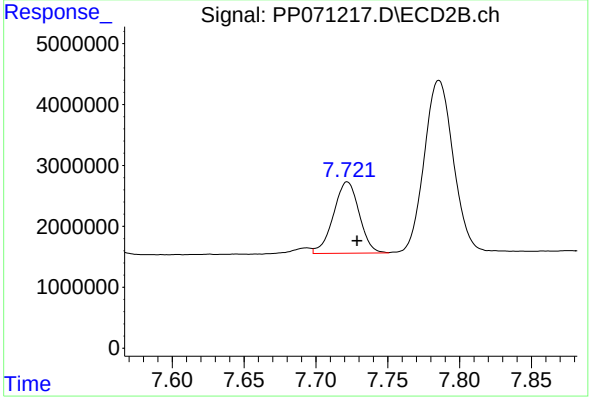
#37 AR-1262-2

R.T.: 7.198 min
Delta R.T.: -0.006 min
Response: 24641031
Conc: 359.91 ng/ml



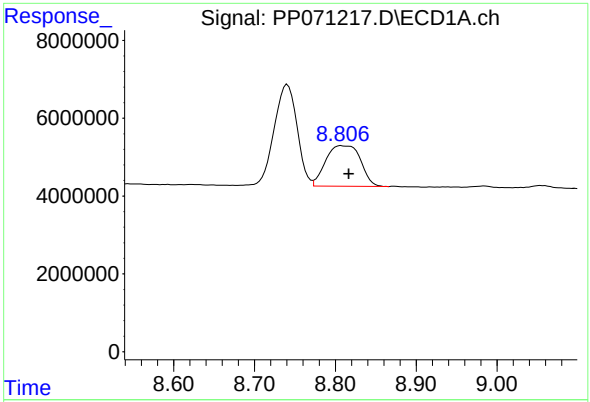
#38 AR-1262-3

R.T.: 8.741 min
Delta R.T.: 0.012 min
Response: 51323693
Conc: 389.58 ng/ml



#38 AR-1262-3

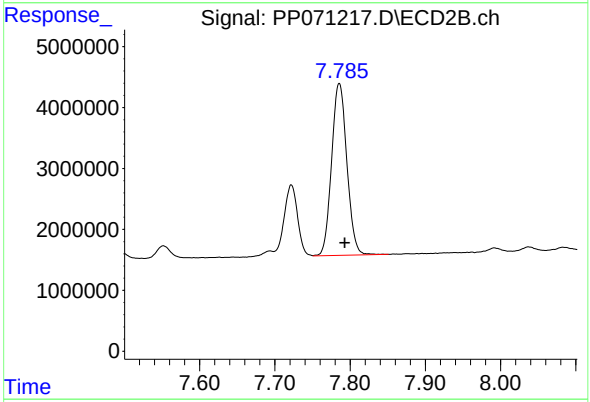
R.T.: 7.722 min
Delta R.T.: -0.007 min
Response: 14617667
Conc: 240.72 ng/ml



#39 AR-1262-4

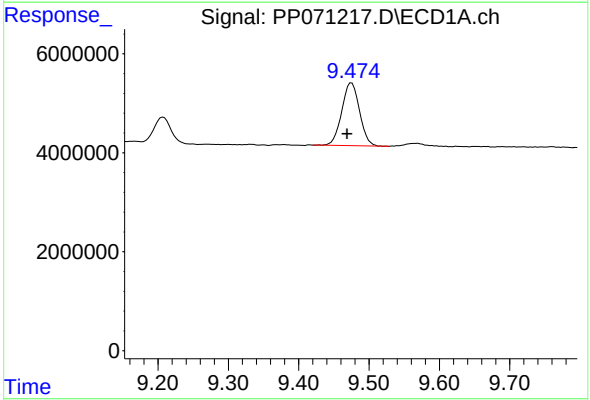
R.T.: 8.807 min
Delta R.T.: -0.009 min
Response: 31201090
Conc: 326.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



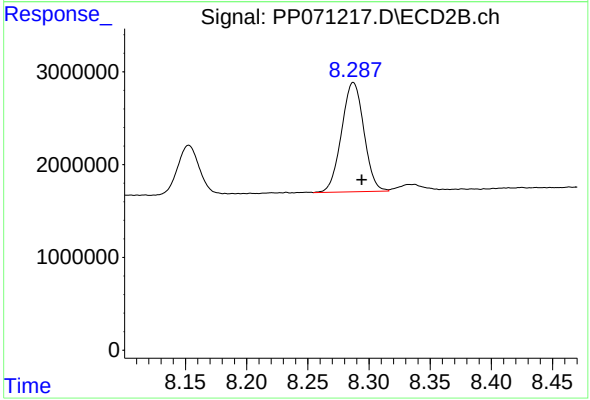
#39 AR-1262-4

R.T.: 7.786 min
Delta R.T.: -0.007 min
Response: 39776460
Conc: 400.14 ng/ml



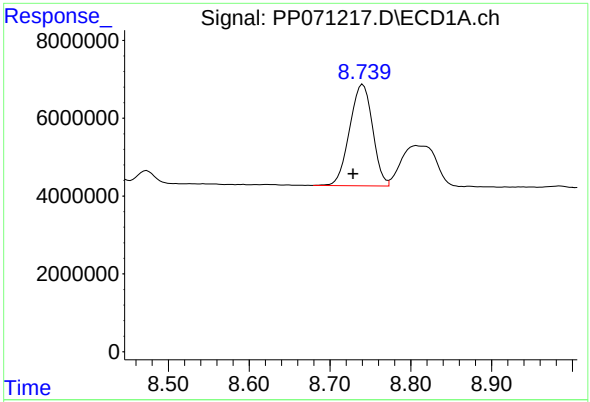
#40 AR-1262-5

R.T.: 9.475 min
Delta R.T.: 0.006 min
Response: 22316869
Conc: 342.99 ng/ml



#40 AR-1262-5

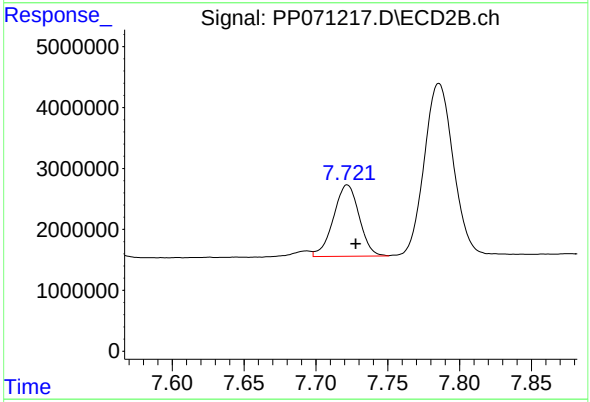
R.T.: 8.287 min
Delta R.T.: -0.007 min
Response: 14984647
Conc: 319.70 ng/ml



#41 AR-1268-1

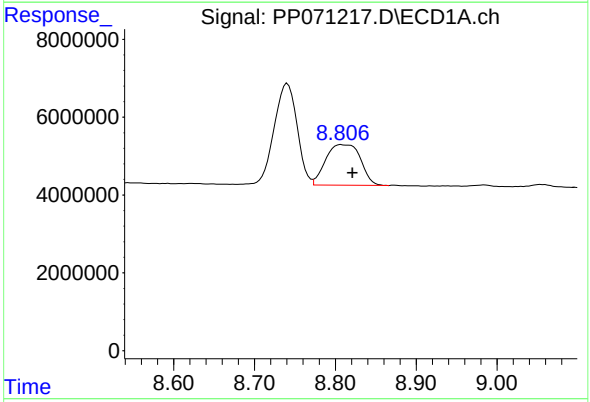
R.T.: 8.741 min
Delta R.T.: 0.012 min
Response: 51323693
Conc: 217.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



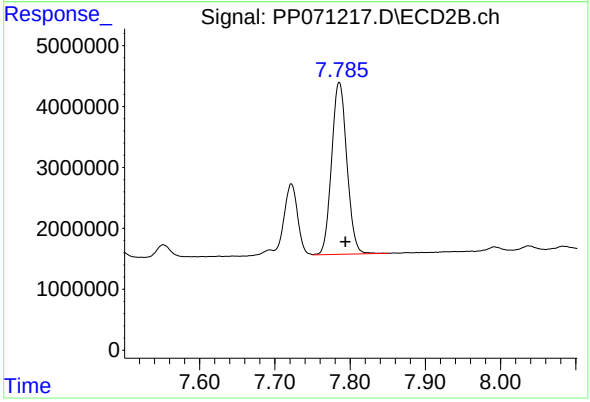
#41 AR-1268-1

R.T.: 7.722 min
Delta R.T.: -0.006 min
Response: 14617667
Conc: 85.28 ng/ml



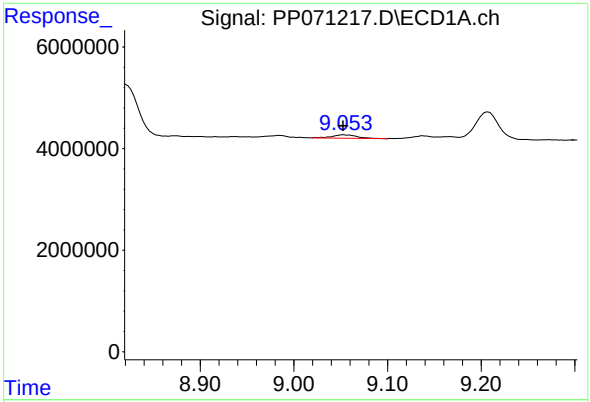
#42 AR-1268-2

R.T.: 8.807 min
Delta R.T.: -0.014 min
Response: 31201090
Conc: 159.75 ng/ml



#42 AR-1268-2

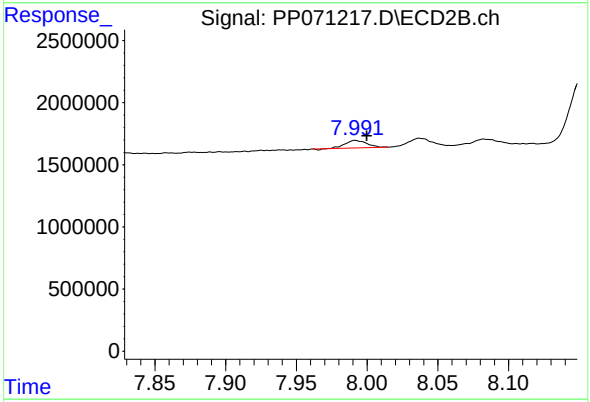
R.T.: 7.786 min
Delta R.T.: -0.008 min
Response: 39776460
Conc: 277.61 ng/ml



#43 AR-1268-3

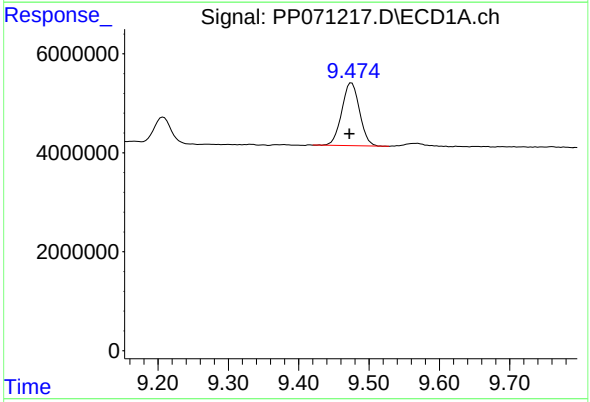
R.T.: 9.053 min
Delta R.T.: 0.000 min
Response: 1226042
Conc: 7.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



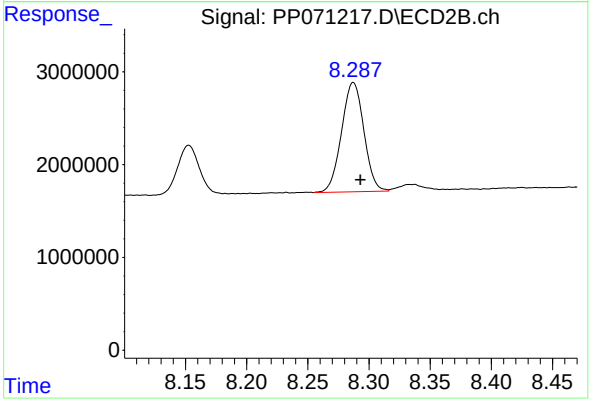
#43 AR-1268-3

R.T.: 7.992 min
Delta R.T.: -0.008 min
Response: 628034
Conc: 5.10 ng/ml



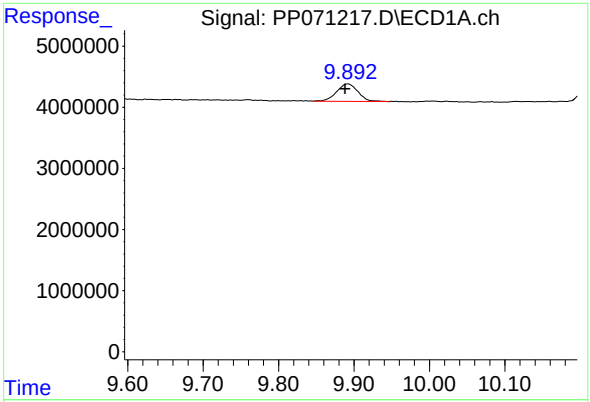
#44 AR-1268-4

R.T.: 9.475 min
Delta R.T.: 0.003 min
Response: 22316869
Conc: 315.45 ng/ml



#44 AR-1268-4

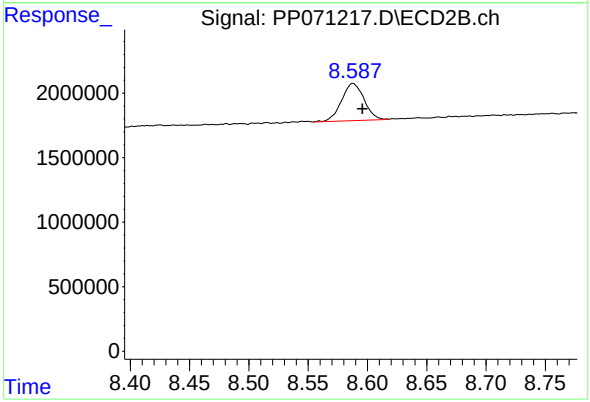
R.T.: 8.287 min
Delta R.T.: -0.006 min
Response: 14984647
Conc: 283.73 ng/ml



#45 AR-1268-5

R.T.: 9.893 min
Delta R.T.: 0.005 min
Response: 5633743
Conc: 11.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.588 min
Delta R.T.: -0.008 min
Response: 3806177
Conc: 10.52 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041125\
Data File : PP071223.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Apr 2025 09:37
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: Apr 12 00:14:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.522	3.815	65952870	47174410	45.125	45.507	
2)	SA Decachlor...	10.245	8.855	60344629	38118909	57.328	48.362	
	Target Compounds							
3)	L1 AR-1016-1	5.676	4.902	22737813	19088567	447.144	476.164	
4)	L1 AR-1016-2	5.676	4.920	22737813	26444346	291.310	457.000	#
5)	L1 AR-1016-3	5.760	5.097	20709593	15197367	438.999	491.454	
6)	L1 AR-1016-4	5.858	5.140	17033879	11923406	463.435	489.549	
7)	L1 AR-1016-5	6.150	5.354	16271091	15717944	479.801	486.305	
8)	L2 AR-1221-1	4.720	4.024	2507541	2000128	144.496	131.211	
9)	L2 AR-1221-2	4.810	4.113	3405126	3031500	262.885	265.077	
10)	L2 AR-1221-3	4.885	4.189	11893049	10838523	285.087	317.948	
11)	L3 AR-1232-1	4.885	4.189	11893049	10838523	357.270	387.274	
12)	L3 AR-1232-2	5.411	4.920	16343622	26444346	1027.233	942.383	
13)	L3 AR-1232-3	5.698	5.097	34386983	15197367	1003.402	1020.671	
14)	L3 AR-1232-4	5.858	5.181	17033879	14864237	1084.437	1160.873	
15)	L3 AR-1232-5	5.947	5.354	13953770	15717944	1311.401	1108.867	
16)	L4 AR-1242-1	5.676	4.902	22737813	19088567	517.037	558.213	
17)	L4 AR-1242-2	5.676	4.920	22737813	26444346	353.531	536.857	#
18)	L4 AR-1242-3	5.760	5.097	20709593	15197367	504.626	570.380	
19)	L4 AR-1242-4	5.858	5.181	17033879	14864237	558.061	563.504	
20)	L4 AR-1242-5	6.589	5.707	7664140	16274399	209.917	525.688	#
21)	L5 AR-1248-1	5.676	4.902	22737813	19088567	626.602	704.896	
22)	L5 AR-1248-2	5.947	5.140	13953770	11923406	310.508	324.690	
23)	L5 AR-1248-3	6.150	5.181	16271091	14864237	321.325	384.492	
24)	L5 AR-1248-4	6.549	5.354	6550949	15717944	102.123	348.197	#
25)	L5 AR-1248-5	6.589	5.747	7664140	4874946	125.959	114.224	
26)	L6 AR-1254-1	6.526	5.707	15591675	16274399	242.143	246.515	
27)	L6 AR-1254-2	6.741	5.854	16654890	11911829	164.752	208.620	#
28)	L6 AR-1254-3	7.105	6.273	10796257	26027291	108.257	299.711	#
29)	L6 AR-1254-4	7.388	6.487	8918724	3577186	102.991	63.764	#
30)	L6 AR-1254-5	7.802	6.904	46534967	29896616	579.146	414.364	#
31)	L7 AR-1260-1	7.269	6.388	34818406	25864613	518.495	505.106	
32)	L7 AR-1260-2	7.523	6.577	49016263	30570732	509.862	479.211	
33)	L7 AR-1260-3	7.881	6.731	37786325	26149256	472.813	479.919	
34)	L7 AR-1260-4	8.105	7.202	35684992	21483417	453.218	449.197	
35)	L7 AR-1260-5	8.426	7.443	74296224	50254945	467.607	403.621	
36)	L8 AR-1262-1	8.105	6.943	35684992	25562828	335.700	298.758	
37)	L8 AR-1262-2	8.426	7.202	74296224	21483417	374.509	313.789	
38)	L8 AR-1262-3	8.750	7.726	44740462	13605276	339.607	224.053	#
39)	L8 AR-1262-4	8.814	7.789	15066215	35094766	157.572	353.042	#
40)	L8 AR-1262-5	9.485	8.291	19619525	12837510	301.531	273.887	
41)	L9 AR-1268-1	8.750	7.726	44740462	13605276	189.975	79.376	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041125\
Data File : PP071223.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Apr 2025 09:37
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: Apr 12 00:14:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.814	7.789	15066215	35094766	77.138	244.933 #
43) L9	AR-1268-3	9.065	7.995	926336	559729	5.420	4.545
44) L9	AR-1268-4	9.485	8.291	19619525	12837510	277.319	243.074
45) L9	AR-1268-5	9.903	8.592	5099172	3553341	10.709	9.819

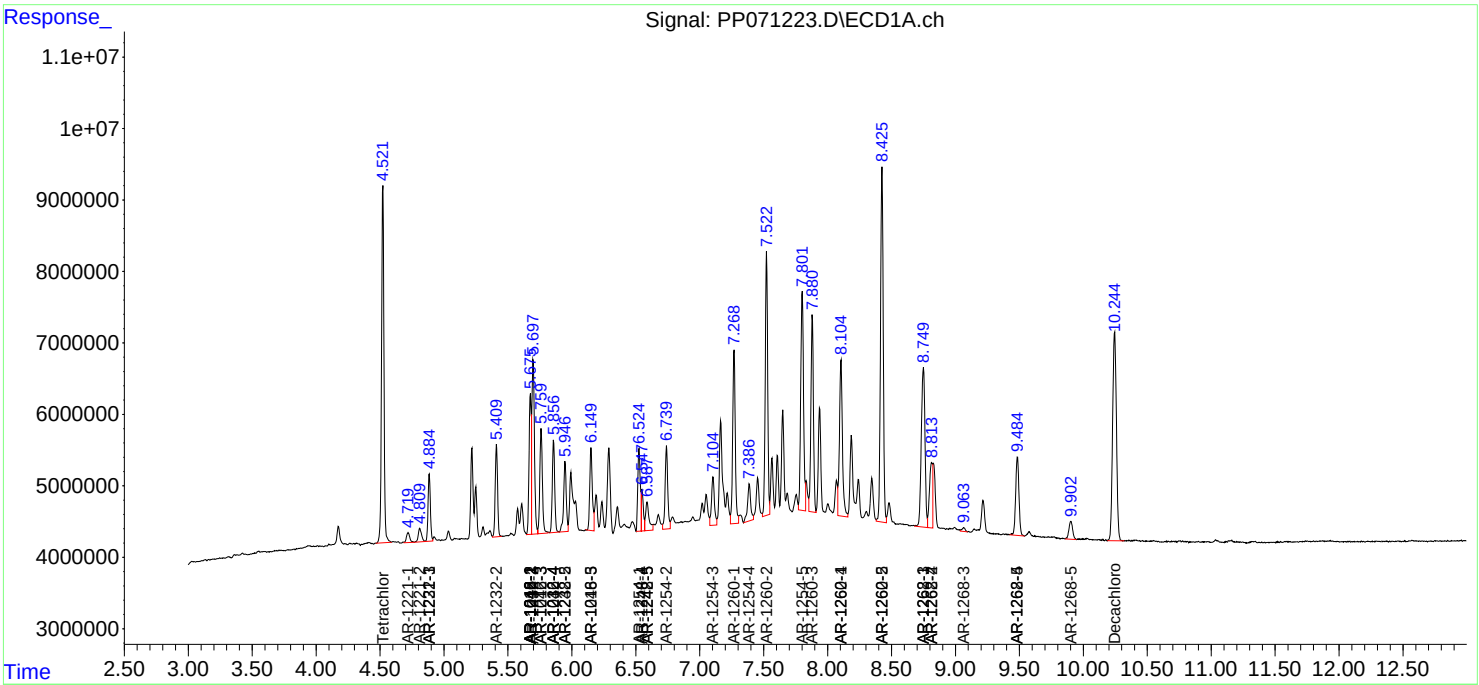
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

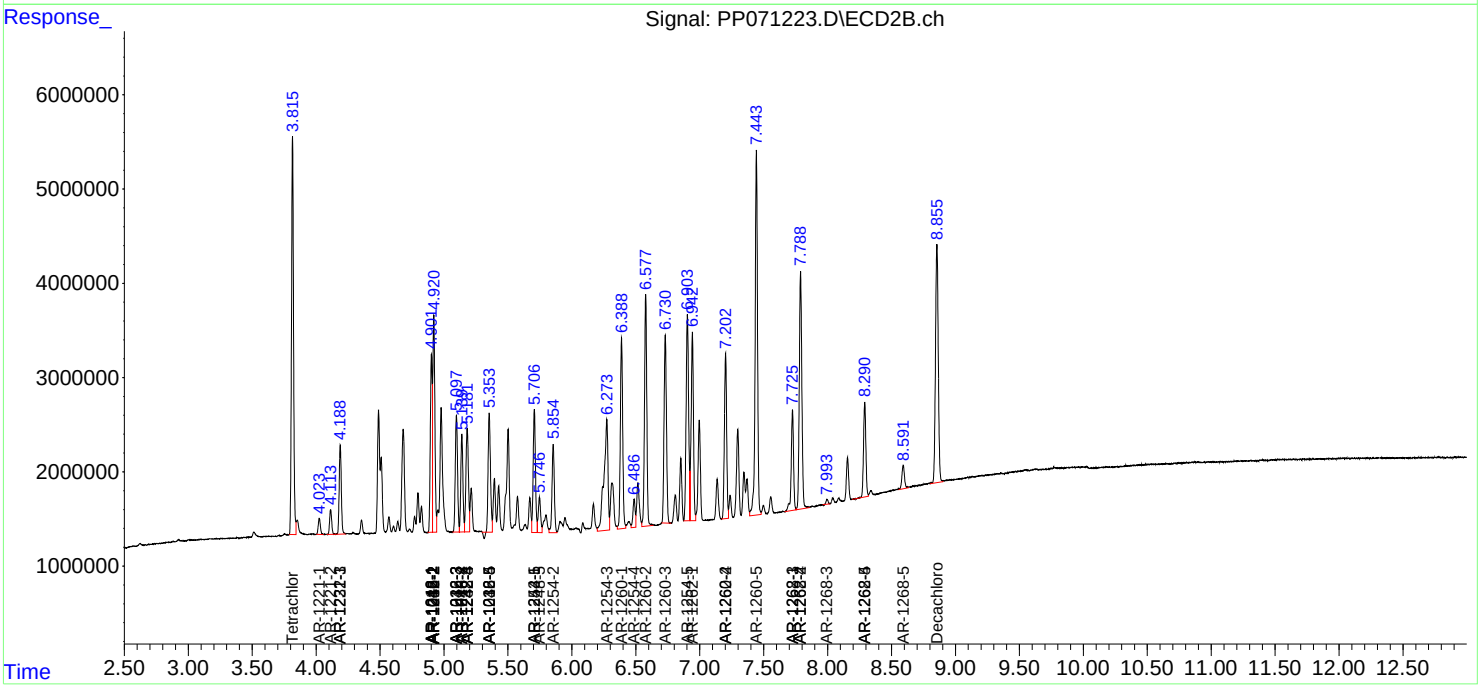
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041125\
Data File : PP071223.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Apr 2025 09:37
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

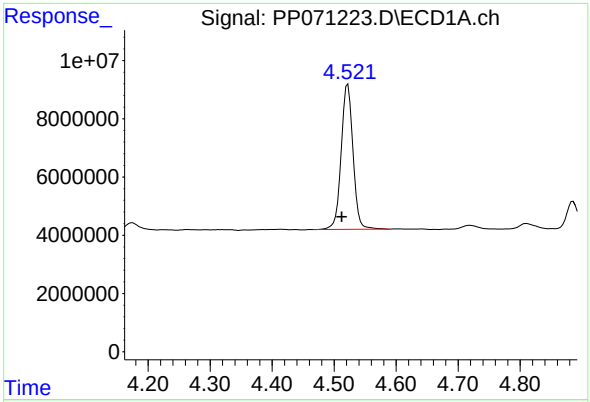
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 00:14:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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



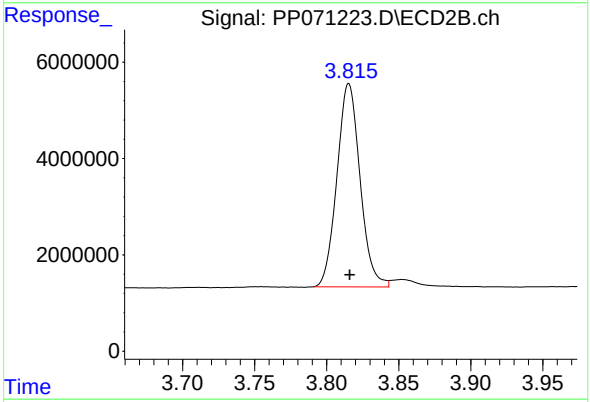




#1 Tetrachloro-m-xylene

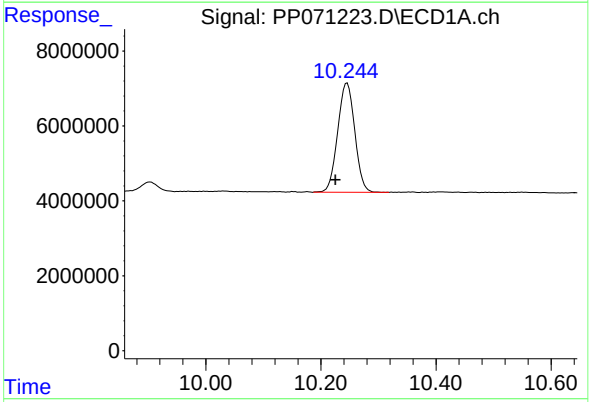
R.T.: 4.522 min
Delta R.T.: 0.010 min
Response: 65952870
Conc: 45.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



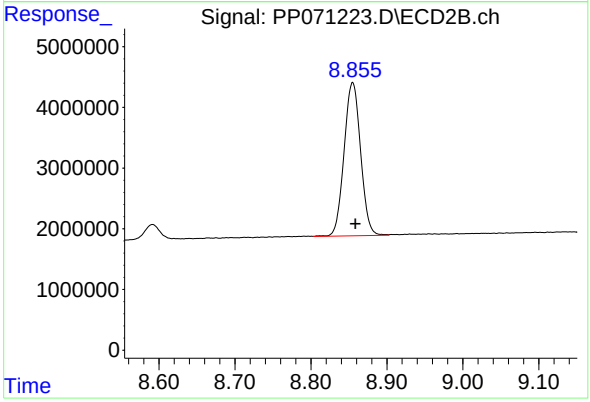
#1 Tetrachloro-m-xylene

R.T.: 3.815 min
Delta R.T.: 0.000 min
Response: 47174410
Conc: 45.51 ng/ml



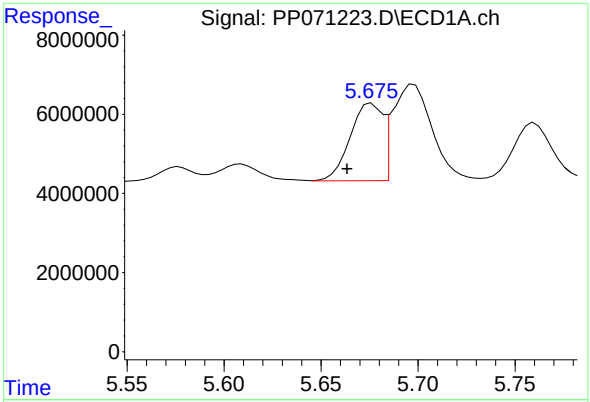
#2 Decachlorobiphenyl

R.T.: 10.245 min
Delta R.T.: 0.020 min
Response: 60344629
Conc: 57.33 ng/ml



#2 Decachlorobiphenyl

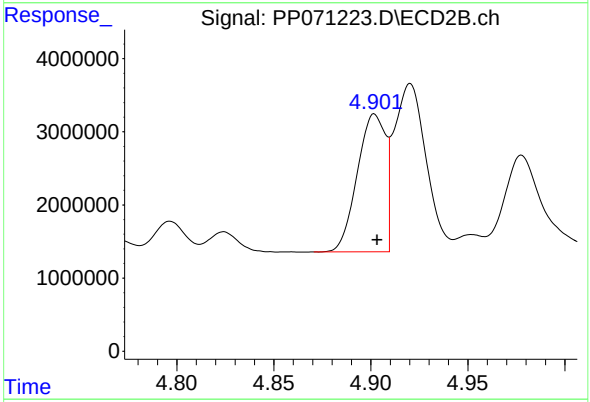
R.T.: 8.855 min
Delta R.T.: -0.004 min
Response: 38118909
Conc: 48.36 ng/ml



#3 AR-1016-1

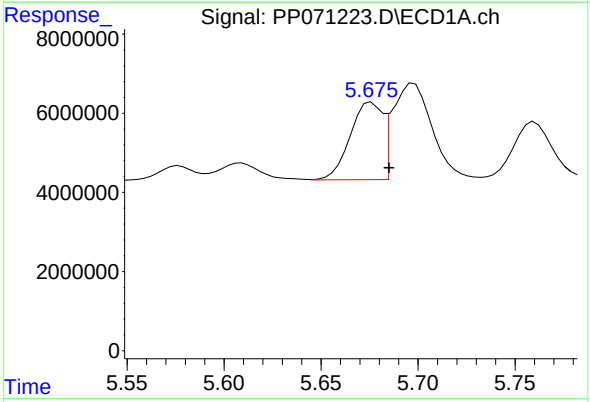
R.T.: 5.676 min
Delta R.T.: 0.013 min
Response: 22737813
Conc: 447.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



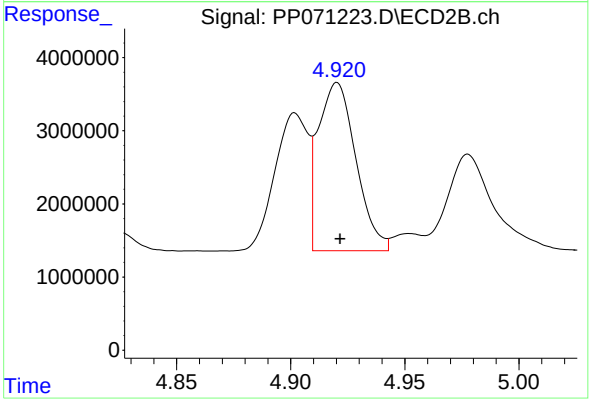
#3 AR-1016-1

R.T.: 4.902 min
Delta R.T.: -0.001 min
Response: 19088567
Conc: 476.16 ng/ml



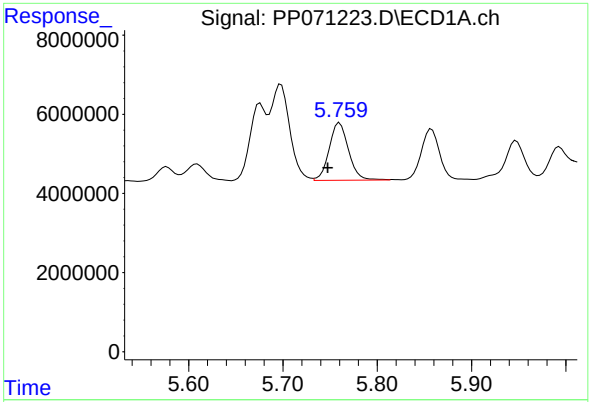
#4 AR-1016-2

R.T.: 5.676 min
Delta R.T.: -0.009 min
Response: 22737813
Conc: 291.31 ng/ml



#4 AR-1016-2

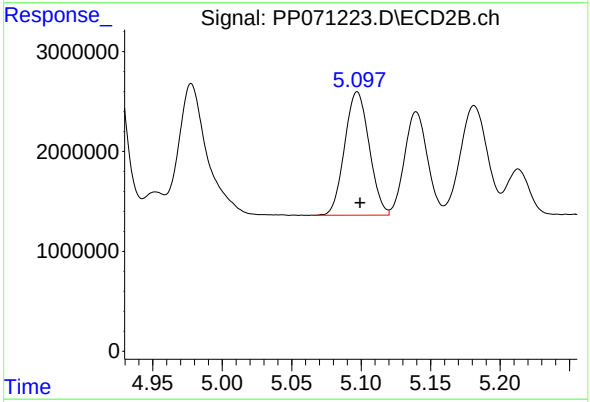
R.T.: 4.920 min
Delta R.T.: -0.001 min
Response: 26444346
Conc: 457.00 ng/ml



#5 AR-1016-3

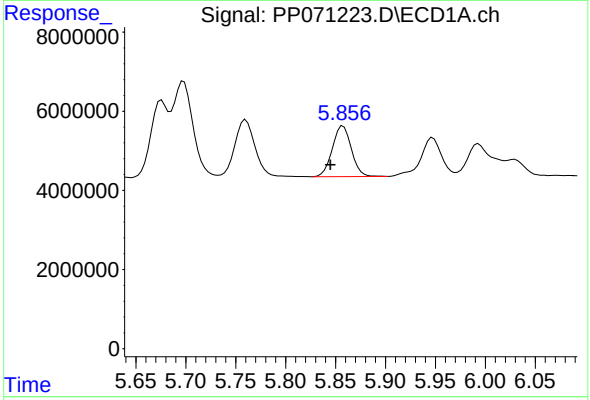
R.T.: 5.760 min
Delta R.T.: 0.012 min
Response: 20709593
Conc: 439.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



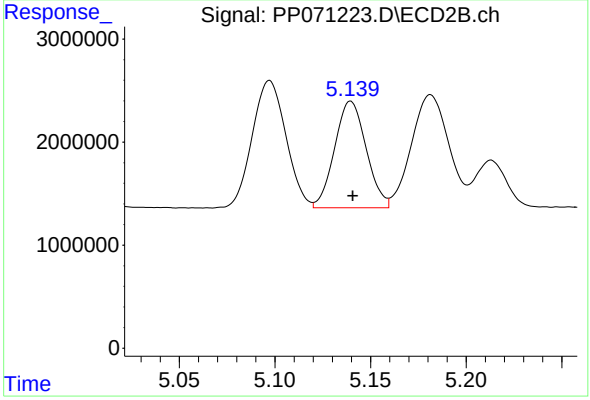
#5 AR-1016-3

R.T.: 5.097 min
Delta R.T.: -0.002 min
Response: 15197367
Conc: 491.45 ng/ml



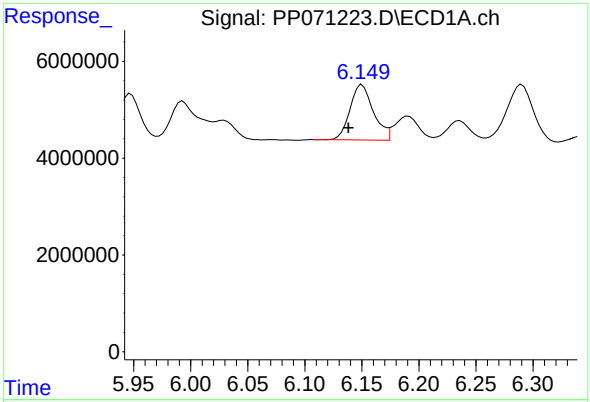
#6 AR-1016-4

R.T.: 5.858 min
Delta R.T.: 0.013 min
Response: 17033879
Conc: 463.43 ng/ml



#6 AR-1016-4

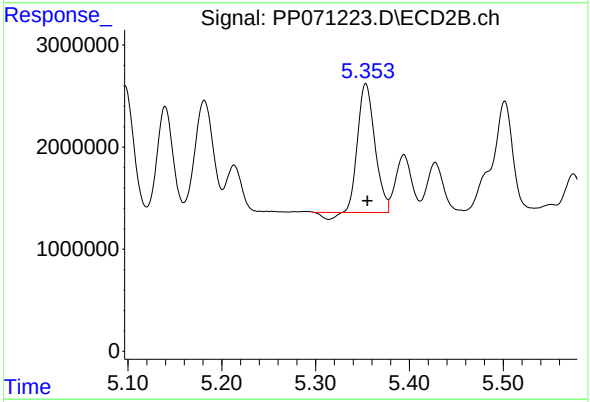
R.T.: 5.140 min
Delta R.T.: 0.000 min
Response: 11923406
Conc: 489.55 ng/ml



#7 AR-1016-5

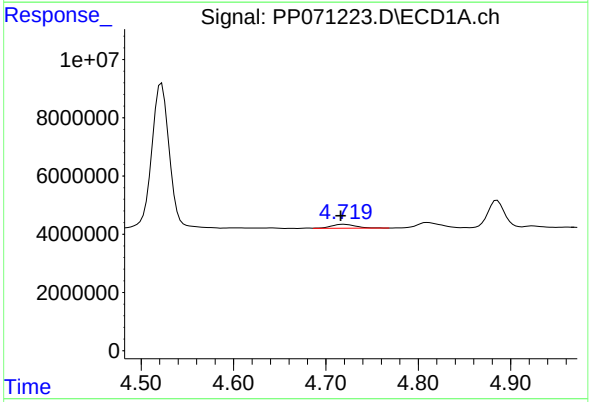
R.T.: 6.150 min
Delta R.T.: 0.012 min
Response: 16271091
Conc: 479.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



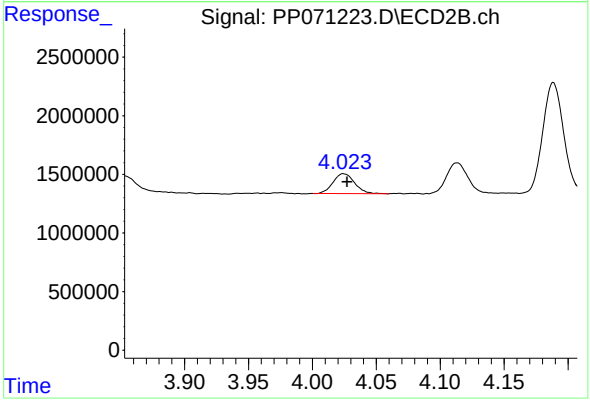
#7 AR-1016-5

R.T.: 5.354 min
Delta R.T.: -0.002 min
Response: 15717944
Conc: 486.30 ng/ml



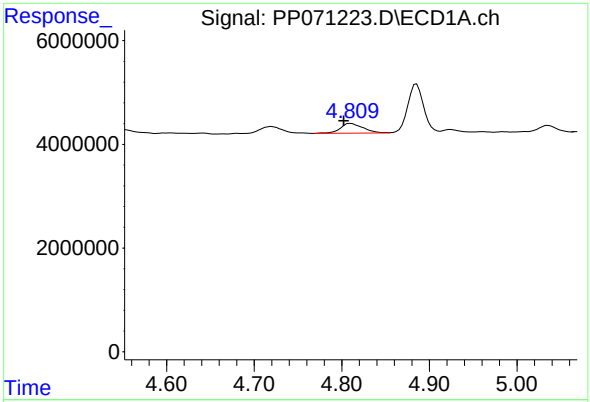
#8 AR-1221-1

R.T.: 4.720 min
Delta R.T.: 0.004 min
Response: 2507541
Conc: 144.50 ng/ml



#8 AR-1221-1

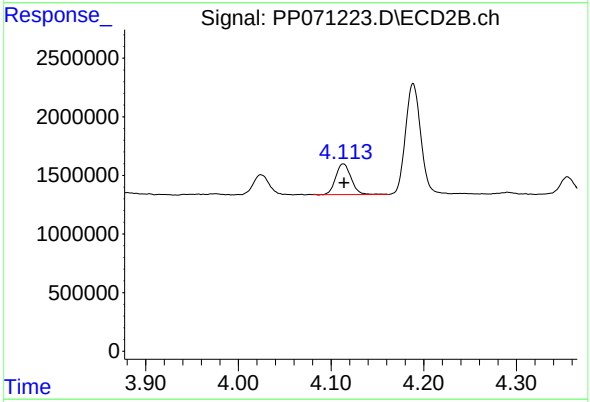
R.T.: 4.024 min
Delta R.T.: -0.003 min
Response: 2000128
Conc: 131.21 ng/ml



#9 AR-1221-2

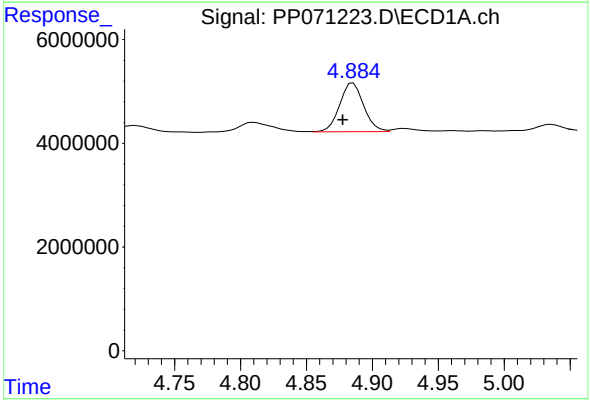
R.T.: 4.810 min
Delta R.T.: 0.008 min
Response: 3405126
Conc: 262.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



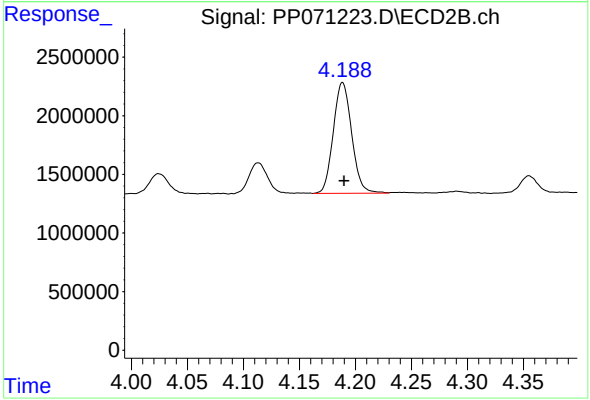
#9 AR-1221-2

R.T.: 4.113 min
Delta R.T.: 0.000 min
Response: 3031500
Conc: 265.08 ng/ml



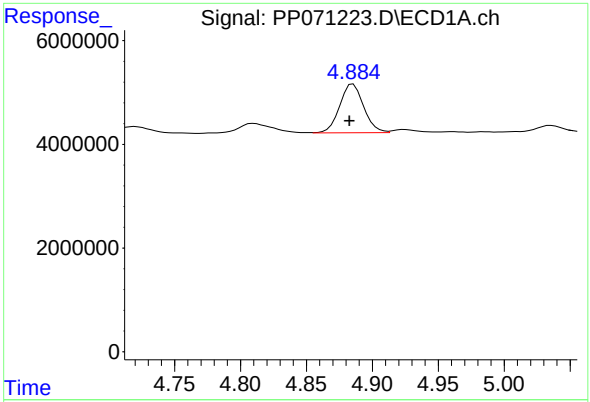
#10 AR-1221-3

R.T.: 4.885 min
Delta R.T.: 0.008 min
Response: 11893049
Conc: 285.09 ng/ml



#10 AR-1221-3

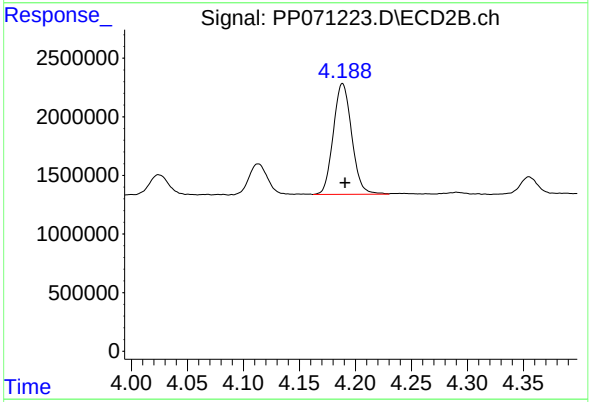
R.T.: 4.189 min
Delta R.T.: -0.001 min
Response: 10838523
Conc: 317.95 ng/ml



#11 AR-1232-1

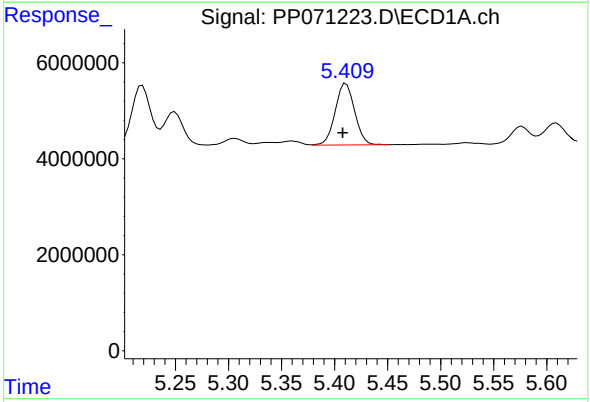
R.T.: 4.885 min
Delta R.T.: 0.003 min
Response: 11893049
Conc: 357.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



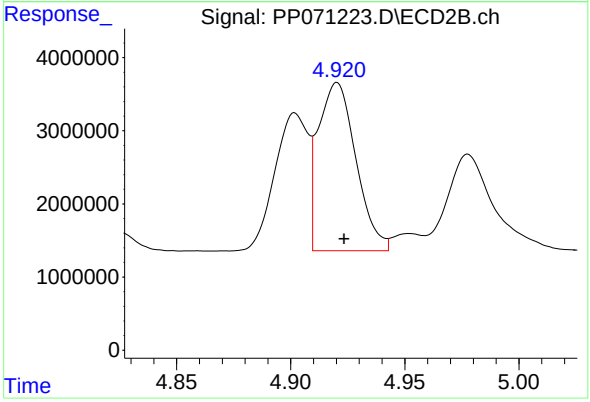
#11 AR-1232-1

R.T.: 4.189 min
Delta R.T.: -0.002 min
Response: 10838523
Conc: 387.27 ng/ml



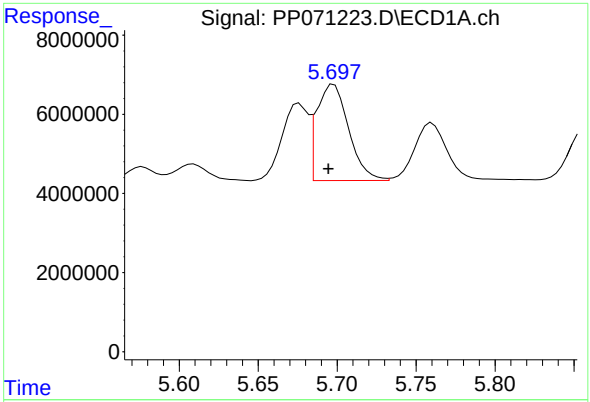
#12 AR-1232-2

R.T.: 5.411 min
Delta R.T.: 0.003 min
Response: 16343622
Conc: 1027.23 ng/ml



#12 AR-1232-2

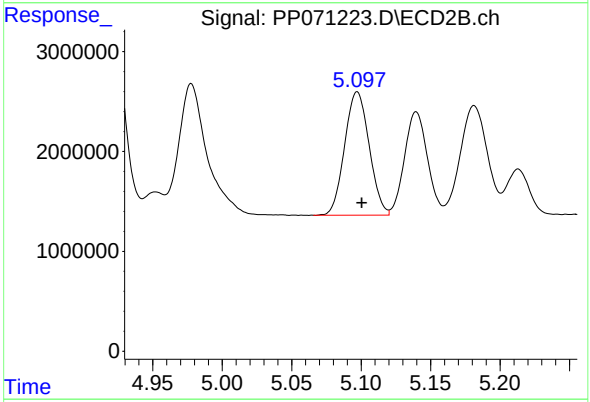
R.T.: 4.920 min
Delta R.T.: -0.003 min
Response: 26444346
Conc: 942.38 ng/ml



#13 AR-1232-3

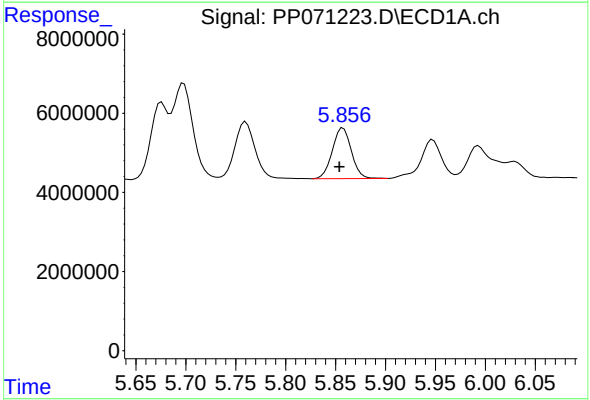
R.T.: 5.698 min
Delta R.T.: 0.003 min
Response: 34386983
Conc: 1003.40 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



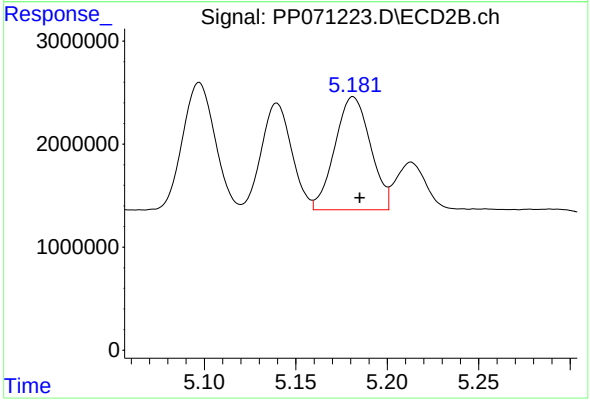
#13 AR-1232-3

R.T.: 5.097 min
Delta R.T.: -0.003 min
Response: 15197367
Conc: 1020.67 ng/ml



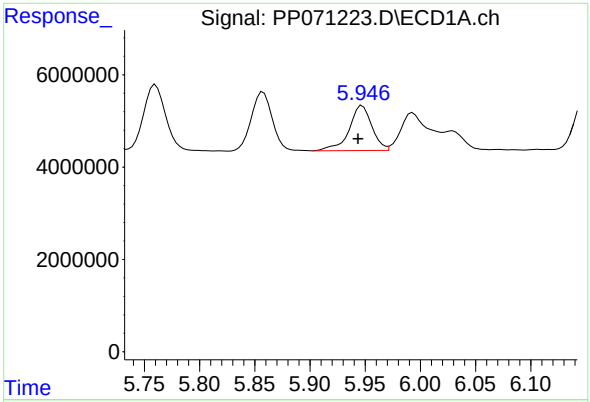
#14 AR-1232-4

R.T.: 5.858 min
Delta R.T.: 0.004 min
Response: 17033879
Conc: 1084.44 ng/ml



#14 AR-1232-4

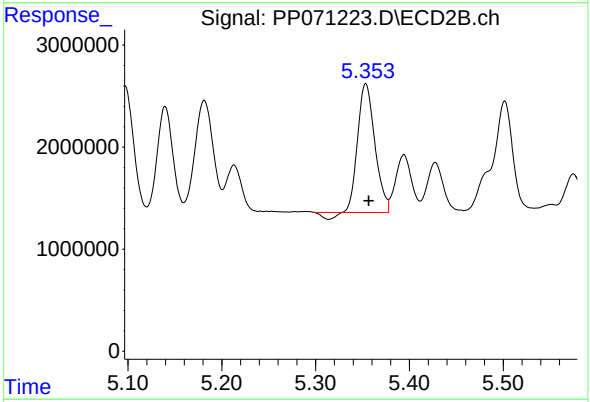
R.T.: 5.181 min
Delta R.T.: -0.004 min
Response: 14864237
Conc: 1160.87 ng/ml



#15 AR-1232-5

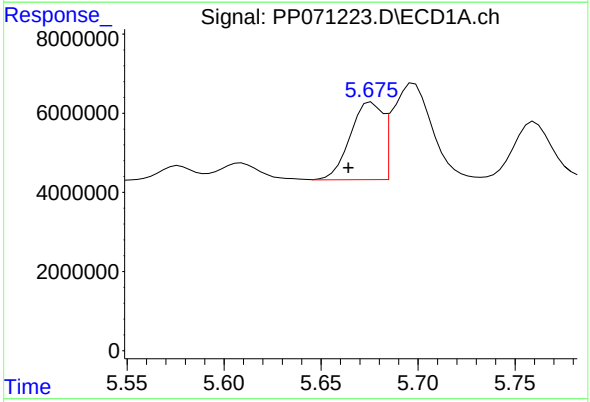
R.T.: 5.947 min
Delta R.T.: 0.004 min
Response: 13953770
Conc: 1311.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



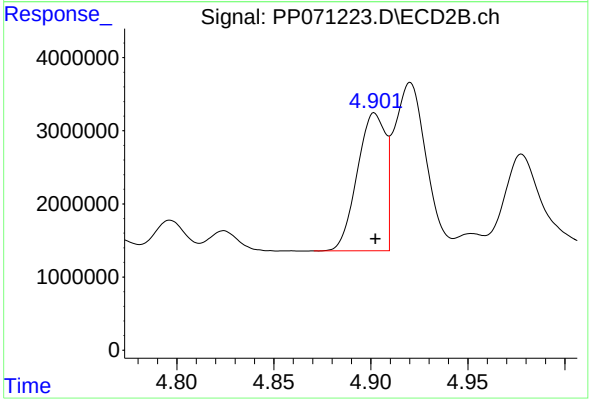
#15 AR-1232-5

R.T.: 5.354 min
Delta R.T.: -0.003 min
Response: 15717944
Conc: 1108.87 ng/ml



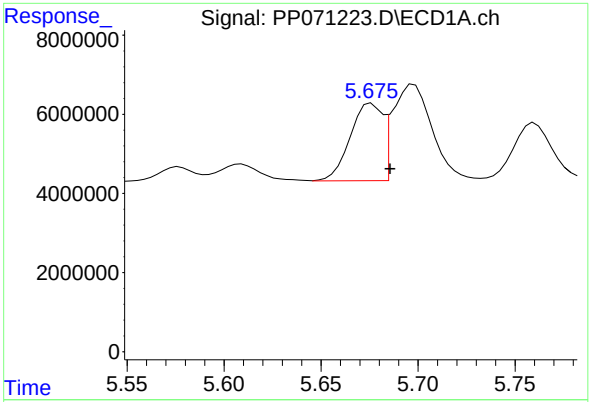
#16 AR-1242-1

R.T.: 5.676 min
Delta R.T.: 0.012 min
Response: 22737813
Conc: 517.04 ng/ml



#16 AR-1242-1

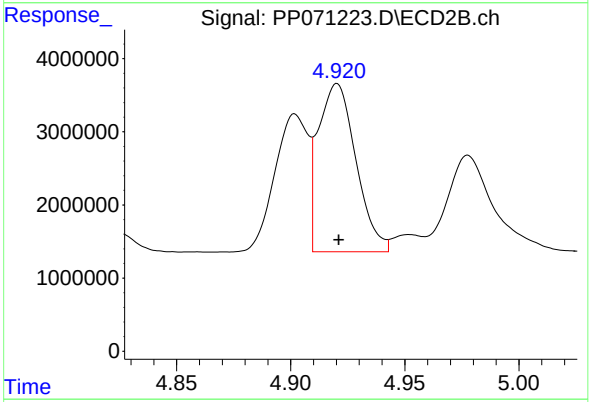
R.T.: 4.902 min
Delta R.T.: 0.000 min
Response: 19088567
Conc: 558.21 ng/ml



#17 AR-1242-2

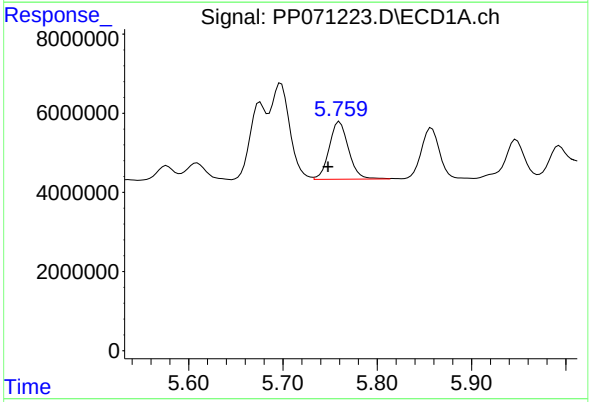
R.T.: 5.676 min
Delta R.T.: -0.010 min
Response: 22737813
Conc: 353.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



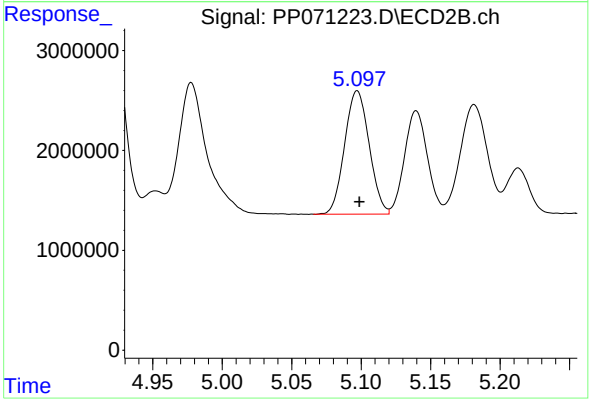
#17 AR-1242-2

R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 26444346
Conc: 536.86 ng/ml



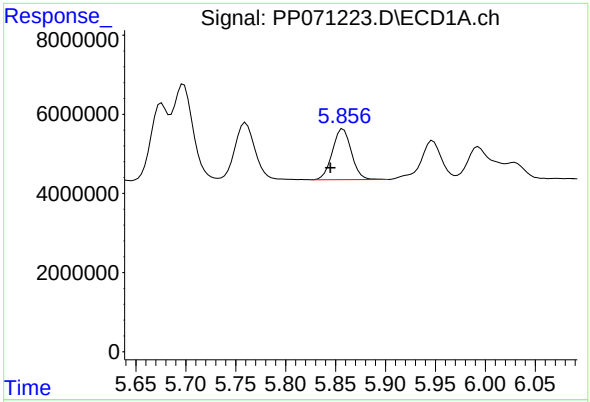
#18 AR-1242-3

R.T.: 5.760 min
Delta R.T.: 0.012 min
Response: 20709593
Conc: 504.63 ng/ml



#18 AR-1242-3

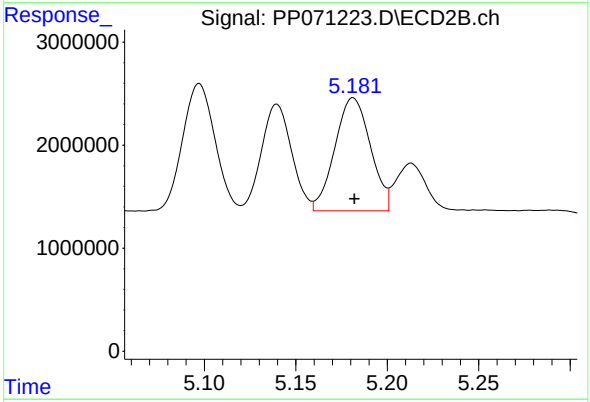
R.T.: 5.097 min
Delta R.T.: -0.001 min
Response: 15197367
Conc: 570.38 ng/ml



#19 AR-1242-4

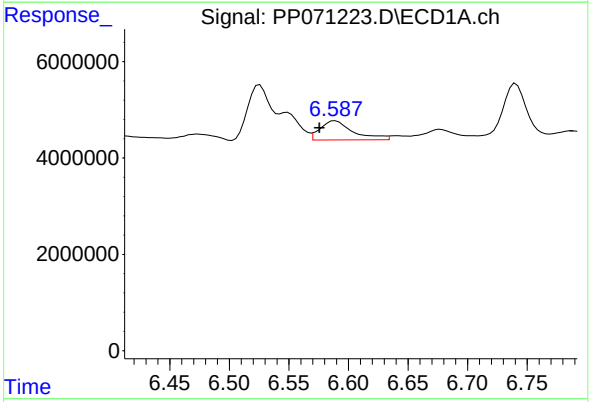
R.T.: 5.858 min
Delta R.T.: 0.013 min
Response: 17033879
Conc: 558.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



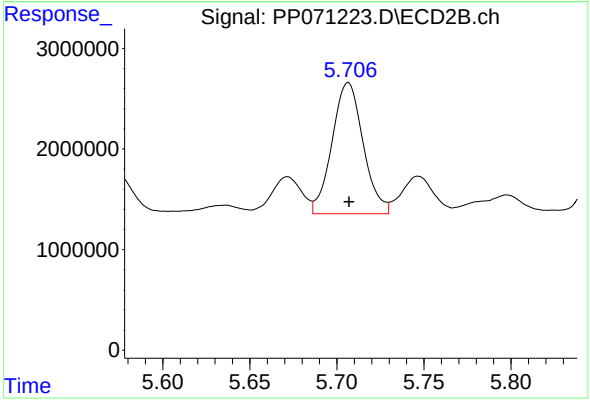
#19 AR-1242-4

R.T.: 5.181 min
Delta R.T.: 0.000 min
Response: 14864237
Conc: 563.50 ng/ml



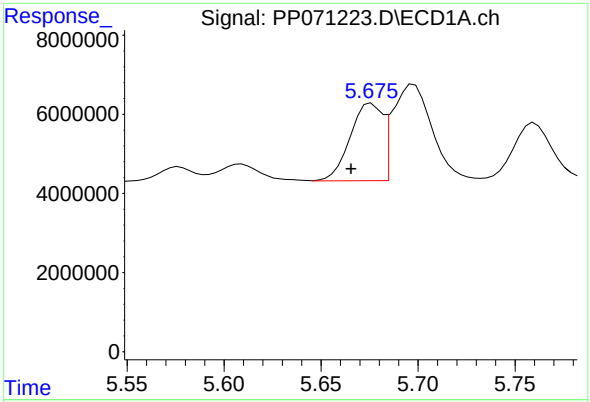
#20 AR-1242-5

R.T.: 6.589 min
Delta R.T.: 0.013 min
Response: 7664140
Conc: 209.92 ng/ml



#20 AR-1242-5

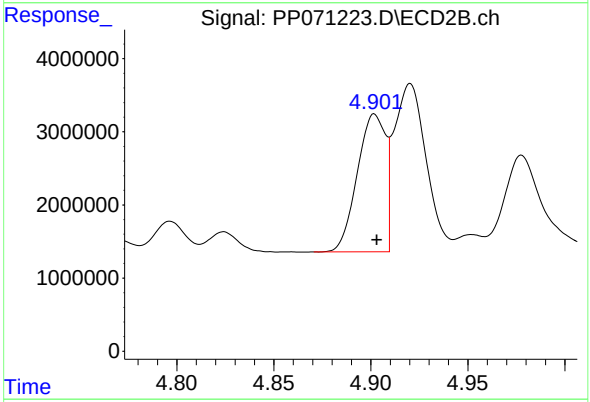
R.T.: 5.707 min
Delta R.T.: 0.000 min
Response: 16274399
Conc: 525.69 ng/ml



#21 AR-1248-1

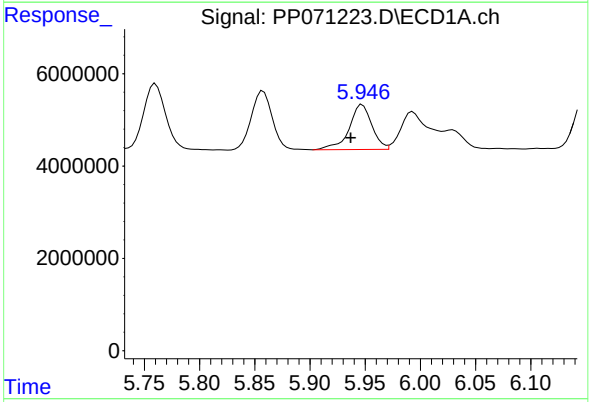
R.T.: 5.676 min
Delta R.T.: 0.011 min
Response: 22737813
Conc: 626.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



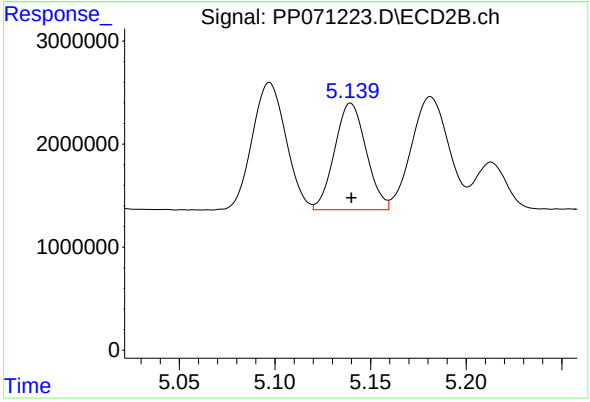
#21 AR-1248-1

R.T.: 4.902 min
Delta R.T.: -0.001 min
Response: 19088567
Conc: 704.90 ng/ml



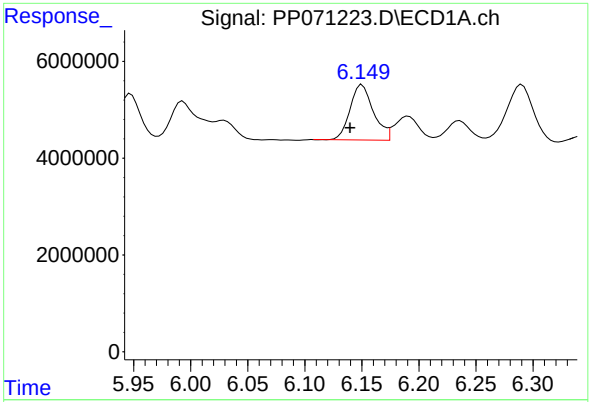
#22 AR-1248-2

R.T.: 5.947 min
Delta R.T.: 0.010 min
Response: 13953770
Conc: 310.51 ng/ml



#22 AR-1248-2

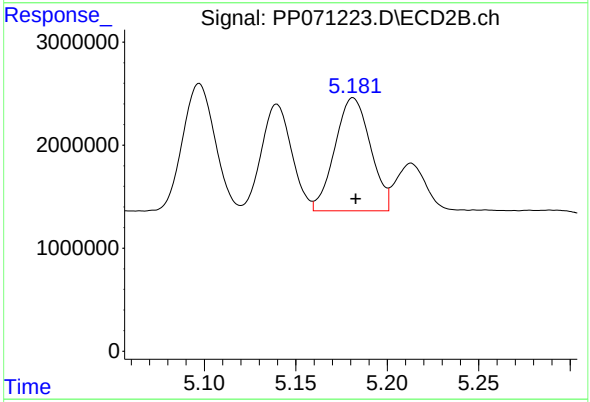
R.T.: 5.140 min
Delta R.T.: 0.000 min
Response: 11923406
Conc: 324.69 ng/ml



#23 AR-1248-3

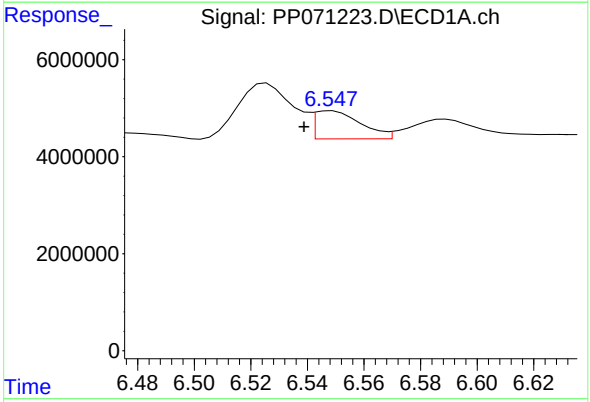
R.T.: 6.150 min
Delta R.T.: 0.010 min
Response: 16271091
Conc: 321.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



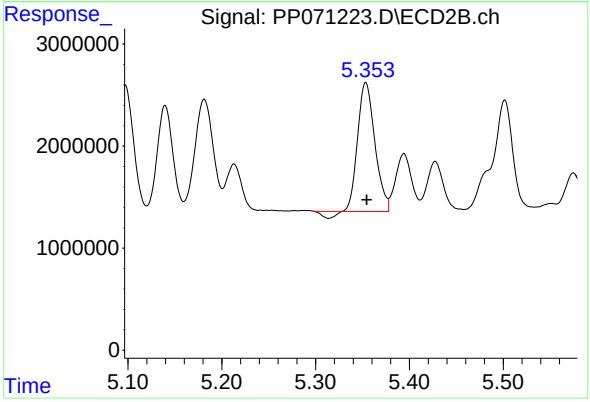
#23 AR-1248-3

R.T.: 5.181 min
Delta R.T.: -0.002 min
Response: 14864237
Conc: 384.49 ng/ml



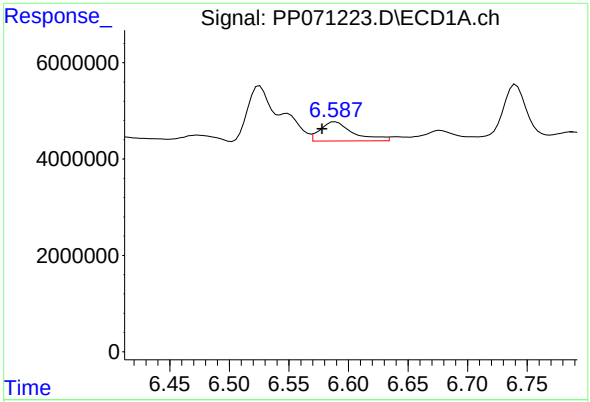
#24 AR-1248-4

R.T.: 6.549 min
Delta R.T.: 0.010 min
Response: 6550949
Conc: 102.12 ng/ml



#24 AR-1248-4

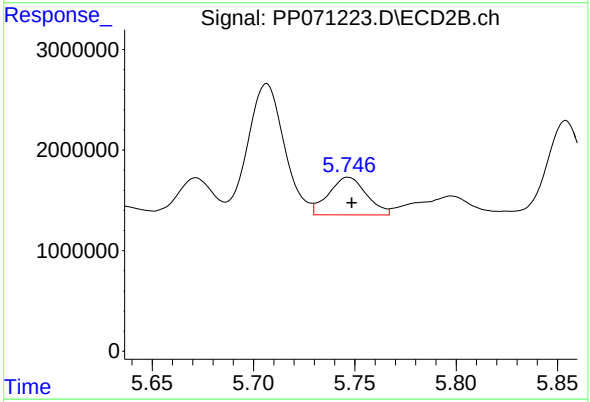
R.T.: 5.354 min
Delta R.T.: -0.001 min
Response: 15717944
Conc: 348.20 ng/ml



#25 AR-1248-5

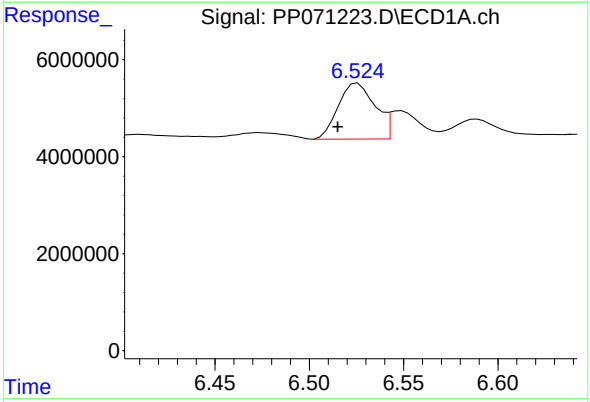
R.T.: 6.589 min
Delta R.T.: 0.011 min
Response: 7664140
Conc: 125.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



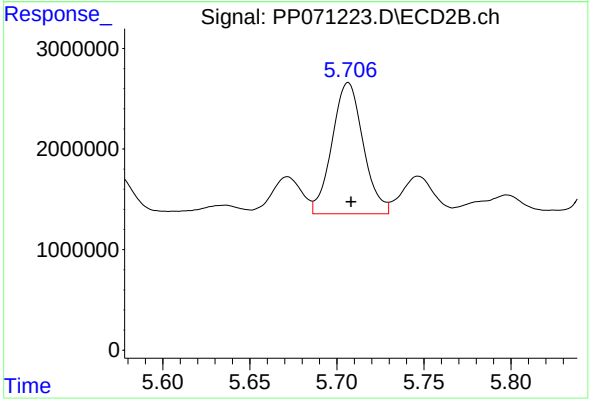
#25 AR-1248-5

R.T.: 5.747 min
Delta R.T.: -0.002 min
Response: 4874946
Conc: 114.22 ng/ml



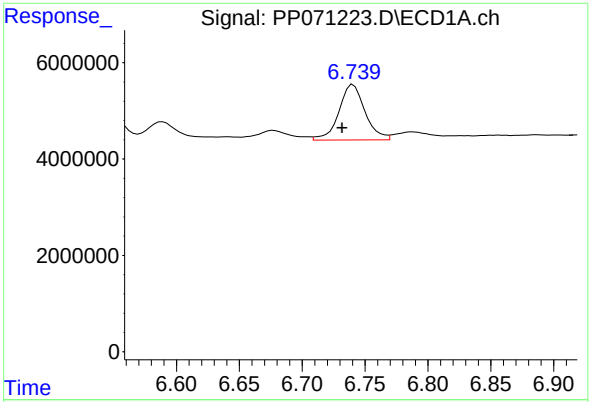
#26 AR-1254-1

R.T.: 6.526 min
Delta R.T.: 0.011 min
Response: 15591675
Conc: 242.14 ng/ml



#26 AR-1254-1

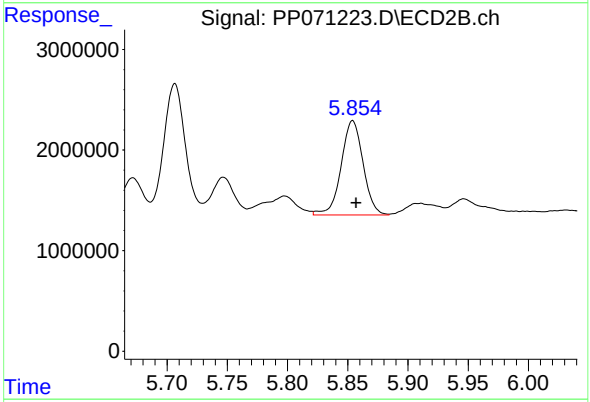
R.T.: 5.707 min
Delta R.T.: -0.002 min
Response: 16274399
Conc: 246.52 ng/ml



#27 AR-1254-2

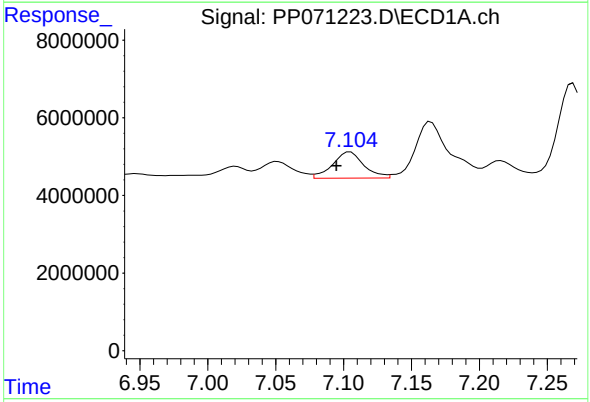
R.T.: 6.741 min
Delta R.T.: 0.009 min
Response: 16654890
Conc: 164.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



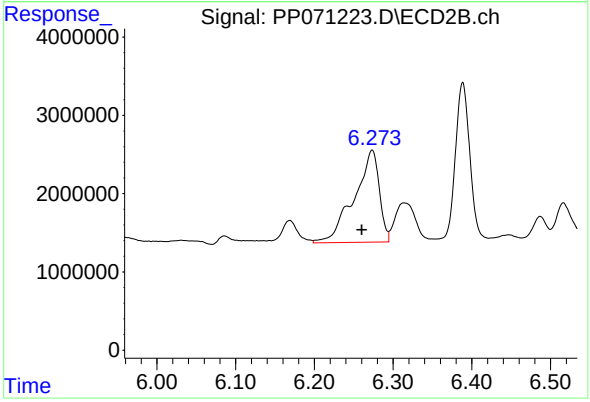
#27 AR-1254-2

R.T.: 5.854 min
Delta R.T.: -0.003 min
Response: 11911829
Conc: 208.62 ng/ml



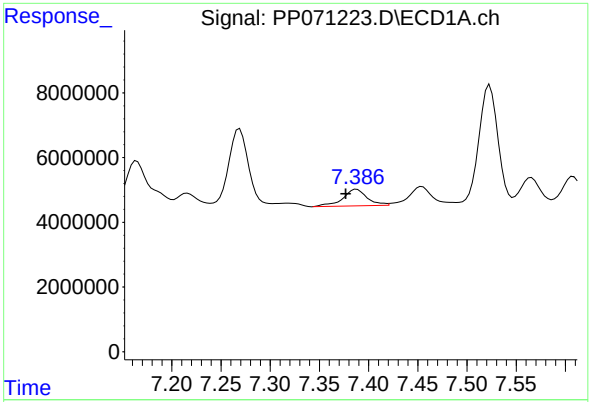
#28 AR-1254-3

R.T.: 7.105 min
Delta R.T.: 0.010 min
Response: 10796257
Conc: 108.26 ng/ml



#28 AR-1254-3

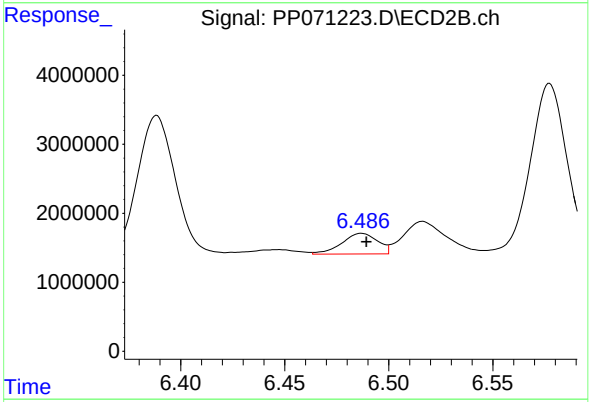
R.T.: 6.273 min
Delta R.T.: 0.013 min
Response: 26027291
Conc: 299.71 ng/ml



#29 AR-1254-4

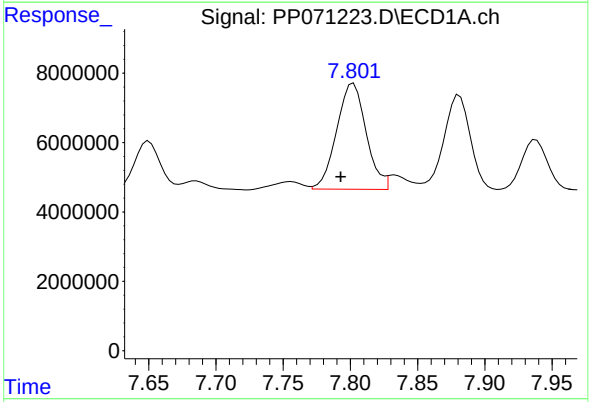
R.T.: 7.388 min
Delta R.T.: 0.011 min
Response: 8918724
Conc: 102.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



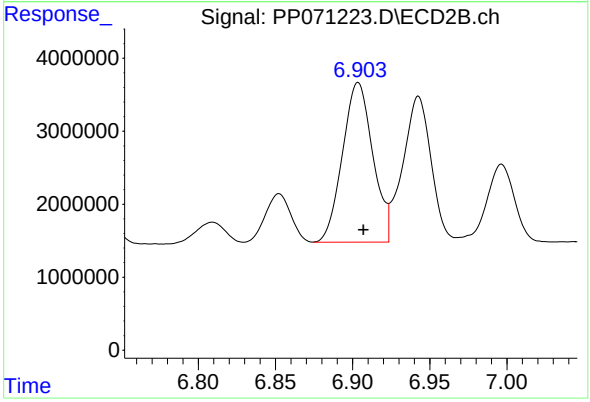
#29 AR-1254-4

R.T.: 6.487 min
Delta R.T.: -0.002 min
Response: 3577186
Conc: 63.76 ng/ml



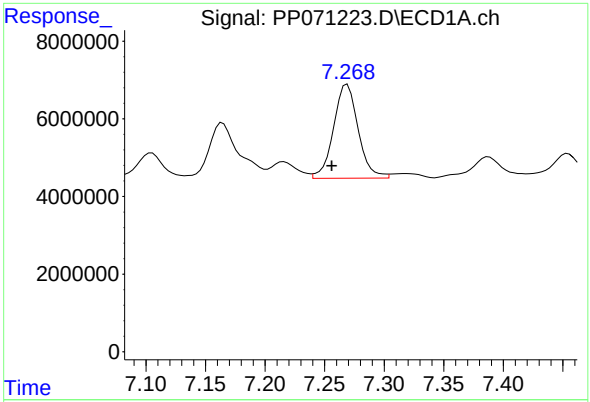
#30 AR-1254-5

R.T.: 7.802 min
Delta R.T.: 0.009 min
Response: 46534967
Conc: 579.15 ng/ml



#30 AR-1254-5

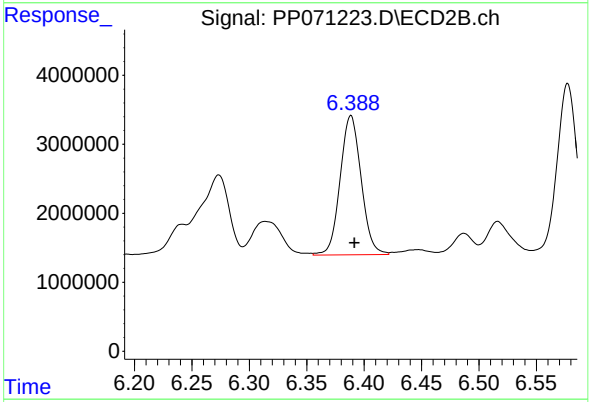
R.T.: 6.904 min
Delta R.T.: -0.003 min
Response: 29896616
Conc: 414.36 ng/ml



#31 AR-1260-1

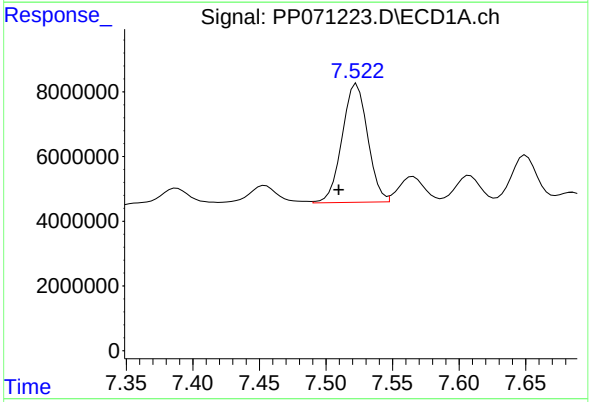
R.T.: 7.269 min
Delta R.T.: 0.013 min
Response: 34818406
Conc: 518.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



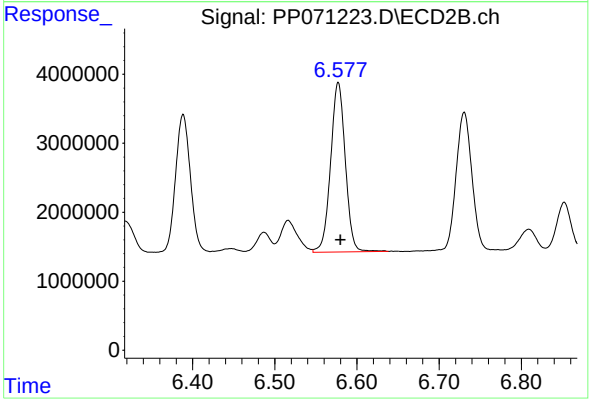
#31 AR-1260-1

R.T.: 6.388 min
Delta R.T.: -0.003 min
Response: 25864613
Conc: 505.11 ng/ml



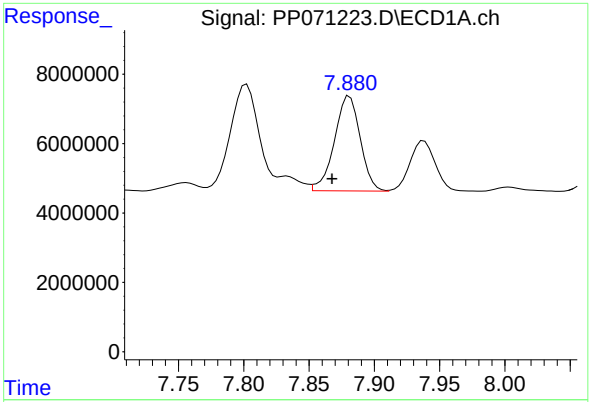
#32 AR-1260-2

R.T.: 7.523 min
Delta R.T.: 0.014 min
Response: 49016263
Conc: 509.86 ng/ml



#32 AR-1260-2

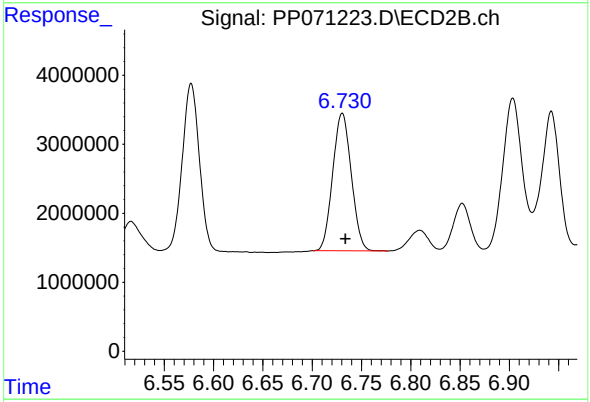
R.T.: 6.577 min
Delta R.T.: -0.003 min
Response: 30570732
Conc: 479.21 ng/ml



#33 AR-1260-3

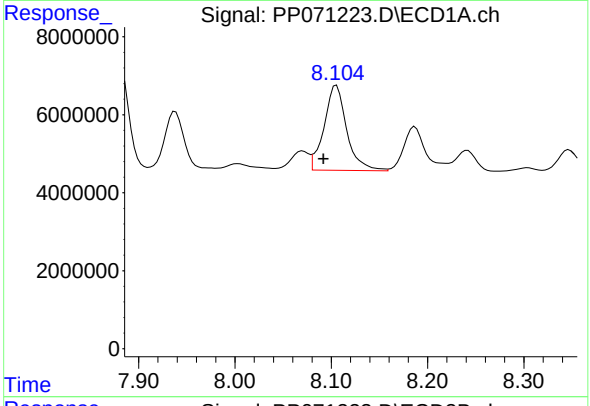
R.T.: 7.881 min
Delta R.T.: 0.013 min
Response: 37786325
Conc: 472.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



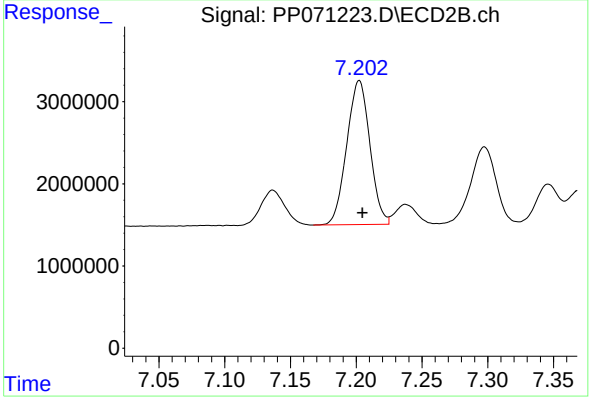
#33 AR-1260-3

R.T.: 6.731 min
Delta R.T.: -0.003 min
Response: 26149256
Conc: 479.92 ng/ml



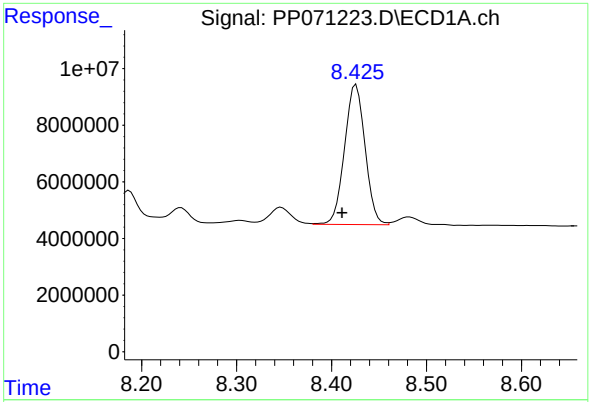
#34 AR-1260-4

R.T.: 8.105 min
Delta R.T.: 0.014 min
Response: 35684992
Conc: 453.22 ng/ml



#34 AR-1260-4

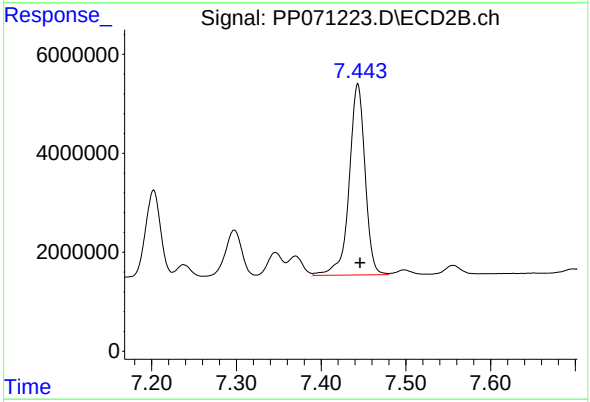
R.T.: 7.202 min
Delta R.T.: -0.002 min
Response: 21483417
Conc: 449.20 ng/ml



#35 AR-1260-5

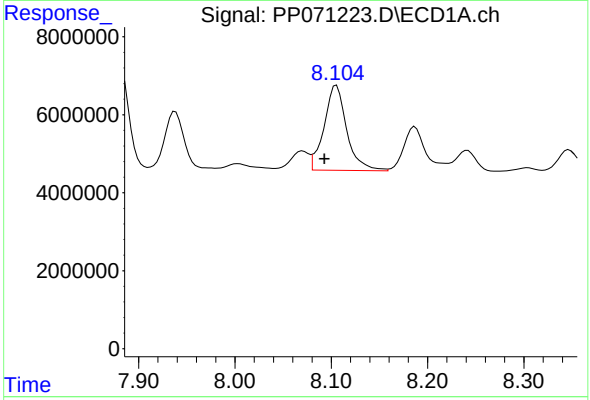
R.T.: 8.426 min
Delta R.T.: 0.015 min
Response: 74296224
Conc: 467.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



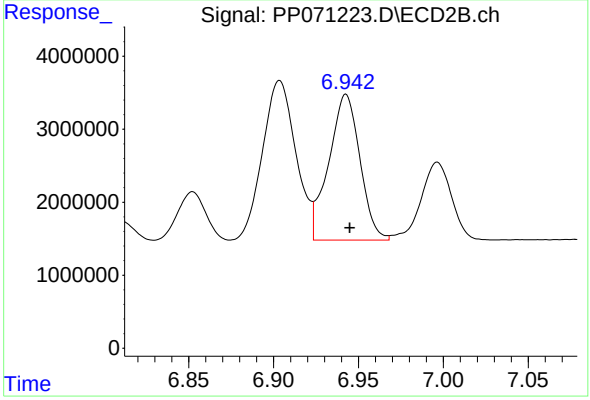
#35 AR-1260-5

R.T.: 7.443 min
Delta R.T.: -0.003 min
Response: 50254945
Conc: 403.62 ng/ml



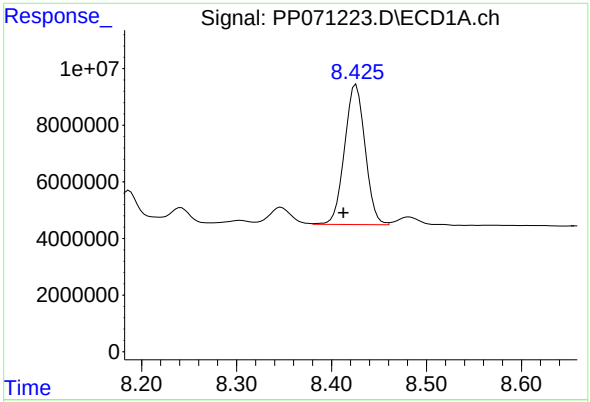
#36 AR-1262-1

R.T.: 8.105 min
Delta R.T.: 0.013 min
Response: 35684992
Conc: 335.70 ng/ml



#36 AR-1262-1

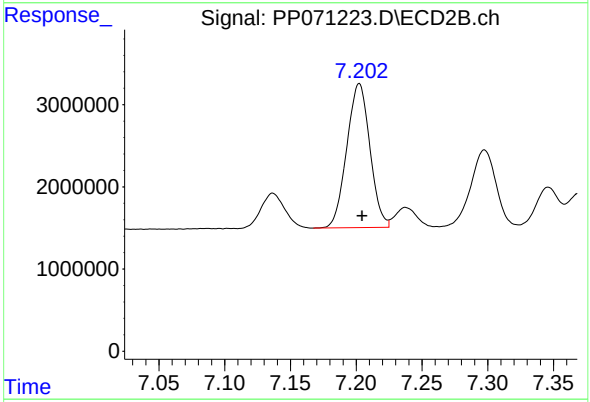
R.T.: 6.943 min
Delta R.T.: -0.002 min
Response: 25562828
Conc: 298.76 ng/ml



#37 AR-1262-2

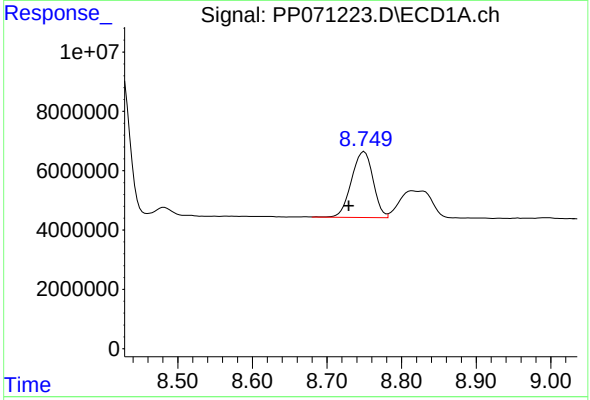
R.T.: 8.426 min
Delta R.T.: 0.013 min
Response: 74296224
Conc: 374.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



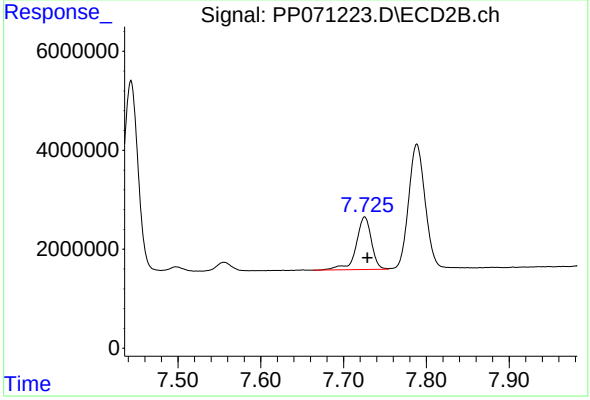
#37 AR-1262-2

R.T.: 7.202 min
Delta R.T.: -0.002 min
Response: 21483417
Conc: 313.79 ng/ml



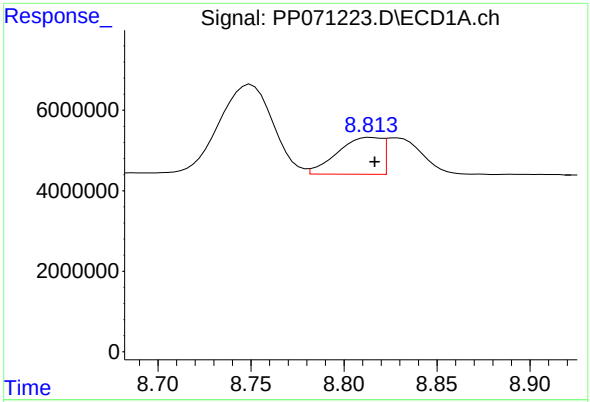
#38 AR-1262-3

R.T.: 8.750 min
Delta R.T.: 0.021 min
Response: 44740462
Conc: 339.61 ng/ml



#38 AR-1262-3

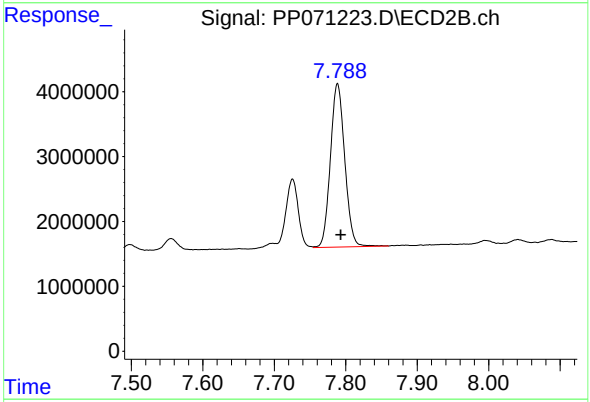
R.T.: 7.726 min
Delta R.T.: -0.003 min
Response: 13605276
Conc: 224.05 ng/ml



#39 AR-1262-4

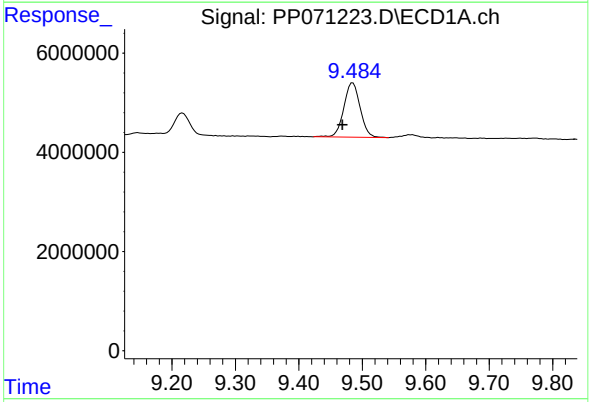
R.T.: 8.814 min
Delta R.T.: -0.002 min
Response: 15066215
Conc: 157.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



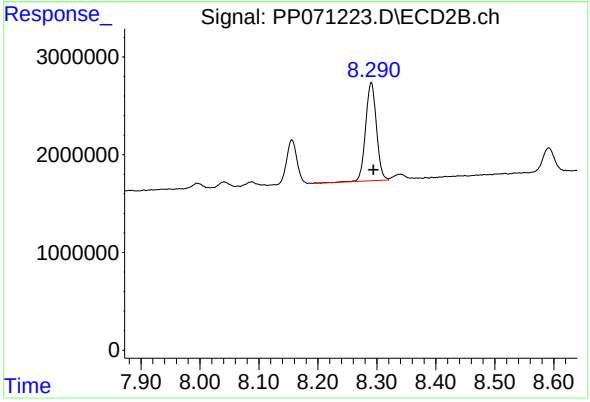
#39 AR-1262-4

R.T.: 7.789 min
Delta R.T.: -0.004 min
Response: 35094766
Conc: 353.04 ng/ml



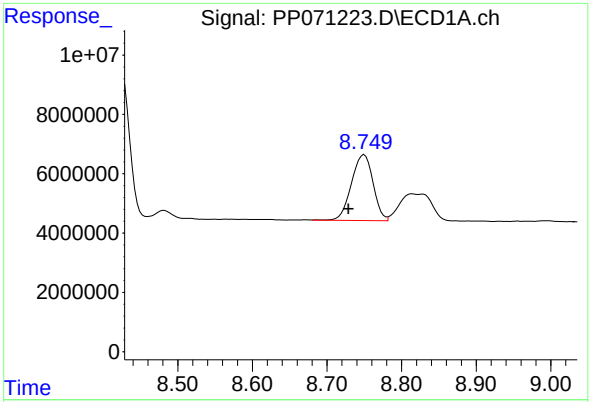
#40 AR-1262-5

R.T.: 9.485 min
Delta R.T.: 0.016 min
Response: 19619525
Conc: 301.53 ng/ml



#40 AR-1262-5

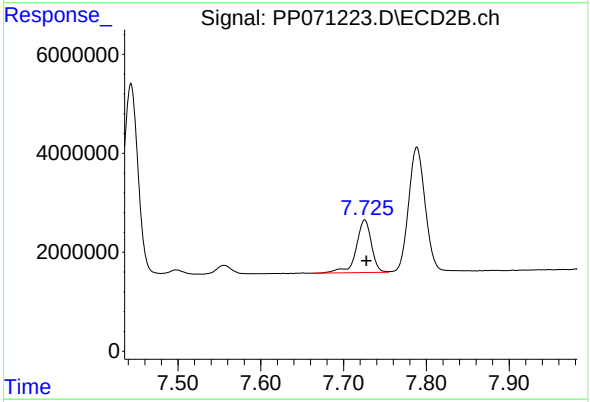
R.T.: 8.291 min
Delta R.T.: -0.003 min
Response: 12837510
Conc: 273.89 ng/ml



#41 AR-1268-1

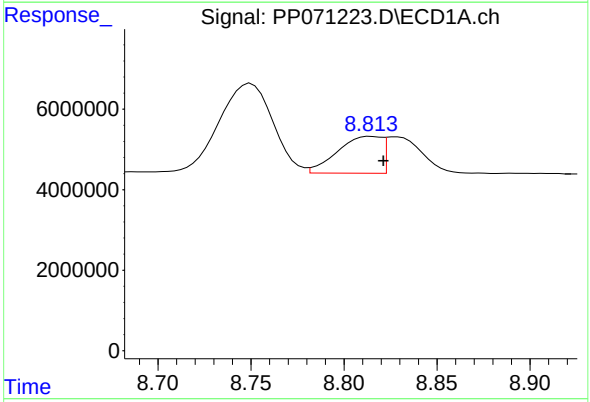
R.T.: 8.750 min
Delta R.T.: 0.021 min
Response: 44740462
Conc: 189.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



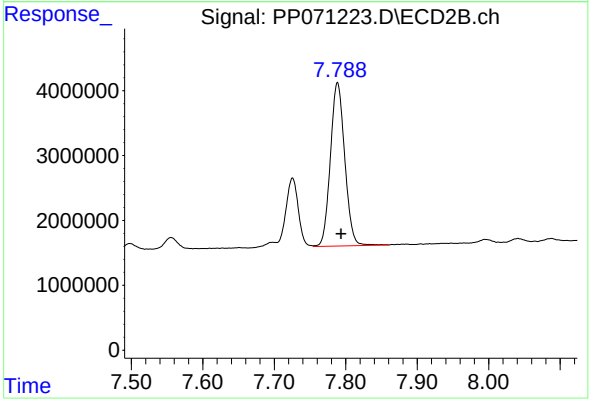
#41 AR-1268-1

R.T.: 7.726 min
Delta R.T.: -0.002 min
Response: 13605276
Conc: 79.38 ng/ml



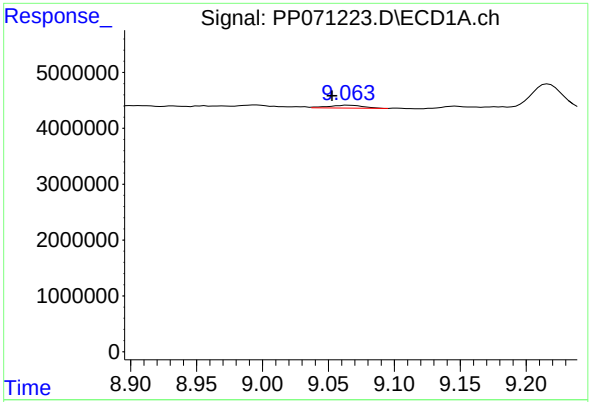
#42 AR-1268-2

R.T.: 8.814 min
Delta R.T.: -0.007 min
Response: 15066215
Conc: 77.14 ng/ml



#42 AR-1268-2

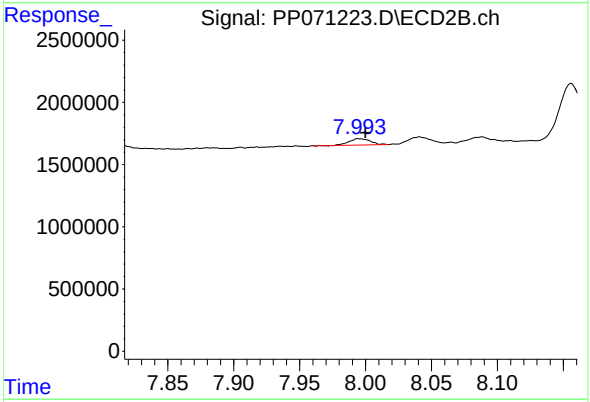
R.T.: 7.789 min
Delta R.T.: -0.005 min
Response: 35094766
Conc: 244.93 ng/ml



#43 AR-1268-3

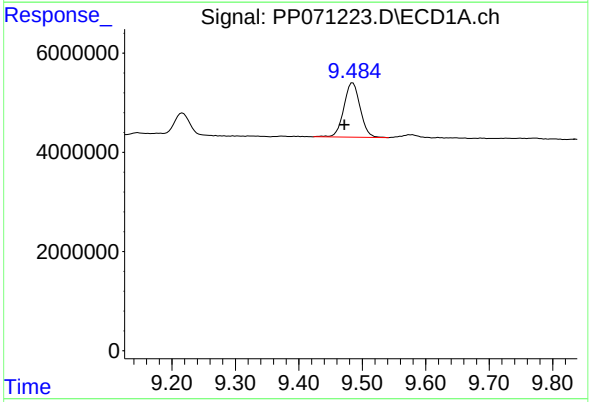
R.T.: 9.065 min
Delta R.T.: 0.012 min
Response: 926336
Conc: 5.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



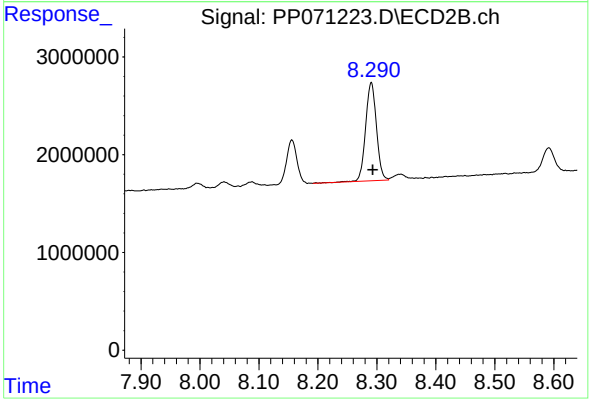
#43 AR-1268-3

R.T.: 7.995 min
Delta R.T.: -0.005 min
Response: 559729
Conc: 4.55 ng/ml



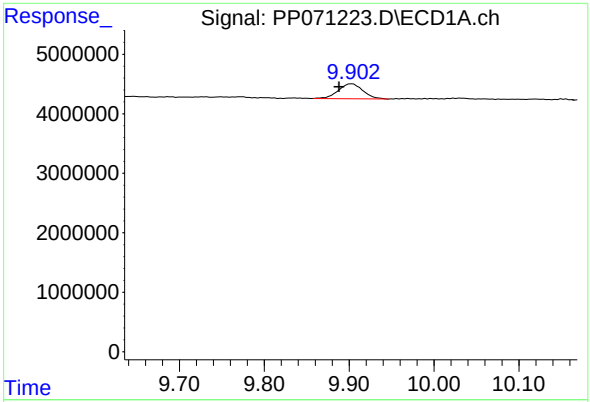
#44 AR-1268-4

R.T.: 9.485 min
Delta R.T.: 0.013 min
Response: 19619525
Conc: 277.32 ng/ml



#44 AR-1268-4

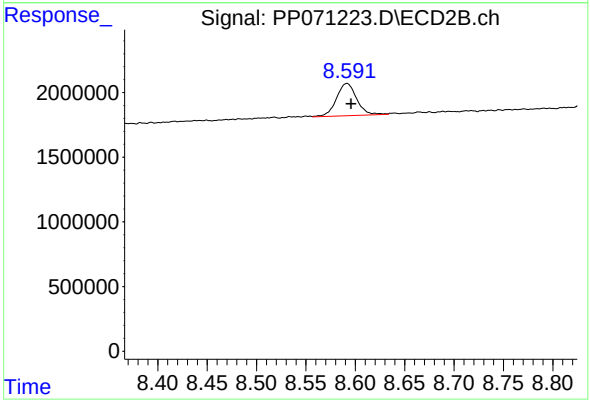
R.T.: 8.291 min
Delta R.T.: -0.002 min
Response: 12837510
Conc: 243.07 ng/ml



#45 AR-1268-5

R.T.: 9.903 min
Delta R.T.: 0.015 min
Response: 5099172
Conc: 10.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.592 min
Delta R.T.: -0.004 min
Response: 3553341
Conc: 9.82 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041125\
Data File : PP071228.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Apr 2025 11:17
Operator : YP\AJ
Sample : PB167553BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB167553BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 00:15:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.521	3.815	31515792	22492708	21.563	21.698	
2)	SA Decachlor...	10.239	8.852	23190224	15222766	22.031	19.313	
	Target Compounds							
3)	L1 AR-1016-1	5.675	4.901	22217347	18383567	436.908	458.578	
4)	L1 AR-1016-2	5.675	4.920	22217347	25767629	284.642	445.305	#
5)	L1 AR-1016-3	5.759	5.097	20316943	14705733	430.675	475.555	
6)	L1 AR-1016-4	5.856	5.139	17168693	11808641	467.102	484.837	
7)	L1 AR-1016-5	6.149	5.353	15146684	14595485	446.645	451.577	
8)	L2 AR-1221-1	4.719	4.024	2228498	1783406	128.417	116.994	
9)	L2 AR-1221-2	4.809	4.113	2840280	2358680	219.277	206.245	
10)	L2 AR-1221-3	4.884	4.188	11362577	10126664	272.371	297.066	
11)	L3 AR-1232-1	4.884	4.188	11362577	10126664	341.334	361.838	
12)	L3 AR-1232-2	5.410	4.920	15965331	25767629	1003.456	918.268	
13)	L3 AR-1232-3	5.696	5.097	34782288	14705733	1014.937	987.652	
14)	L3 AR-1232-4	5.856	5.182	17168693	14368934	1093.020	1122.190	
15)	L3 AR-1232-5	5.946	5.353	13707535	14595485	1288.259	1029.680	
16)	L4 AR-1242-1	5.675	4.901	22217347	18383567	505.202	537.597	
17)	L4 AR-1242-2	5.696	4.920	34782288	25767629	540.800	523.119	
18)	L4 AR-1242-3	5.759	5.097	20316943	14705733	495.059	551.928	
19)	L4 AR-1242-4	5.856	5.182	17168693	14368934	562.478	544.727	
20)	L4 AR-1242-5	6.587	5.706	2552548	11836360	69.913	382.332	#
21)	L5 AR-1248-1	5.675	4.901	22217347	18383567	612.259	678.862	
22)	L5 AR-1248-2	5.946	5.139	13707535	11808641	305.028	321.565	
23)	L5 AR-1248-3	6.149	5.182	15146684	14368934	299.120	371.680	
24)	L5 AR-1248-4	6.524	5.353	14871036	14595485	231.825	323.331	#
25)	L5 AR-1248-5	6.587	5.745	2552548	1905030	41.951	44.637	
26)	L6 AR-1254-1	6.524	5.706	14871036	11836360	230.952	179.290	
27)	L6 AR-1254-2	6.739	5.853	14734482	11189239	145.755	195.965	#
28)	L6 AR-1254-3	7.103	6.272	7795280	19499066	78.166	224.537	#
29)	L6 AR-1254-4	7.386	6.485	5846573	2445038	67.515	43.583	#
30)	L6 AR-1254-5	7.800	6.903	52021331	33223749	647.426	460.478	#
31)	L7 AR-1260-1	7.267	6.388	33608909	25293631	500.484	493.955	
32)	L7 AR-1260-2	7.521	6.576	50057710	31232730	520.695	489.588	
33)	L7 AR-1260-3	7.879	6.729	33933227	27892510	424.600	511.913	
34)	L7 AR-1260-4	8.103	7.201	35294628	20037105	448.260	418.956	
35)	L7 AR-1260-5	8.424	7.442	66993575	47131087	421.645	378.532	
36)	L8 AR-1262-1	8.103	6.942	35294628	22978274	332.028	268.552	
37)	L8 AR-1262-2	8.424	7.201	66993575	20037105	337.698	292.664	
38)	L8 AR-1262-3	8.749	7.724	40321387	10155102	306.064	167.235	#
39)	L8 AR-1262-4	8.820	7.787	13275932	31798654	138.848	319.884	#
40)	L8 AR-1262-5	9.481	8.289	14400868	11558280	221.326	246.594	
41)	L9 AR-1268-1	8.749	7.724	40321387	10155102	171.211	59.247	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041125\
Data File : PP071228.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Apr 2025 11:17
Operator : YP\AJ
Sample : PB167553BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB167553BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 00:15:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.820	7.787	13275932	31798654	67.972	221.929 #
43) L9	AR-1268-3	9.062	7.995	888603	798511	5.199	6.484
44) L9	AR-1268-4	9.481	8.289	14400868	11558280	203.554	218.852
45) L9	AR-1268-5	9.898	8.590	4496214	2863423	9.442	7.913

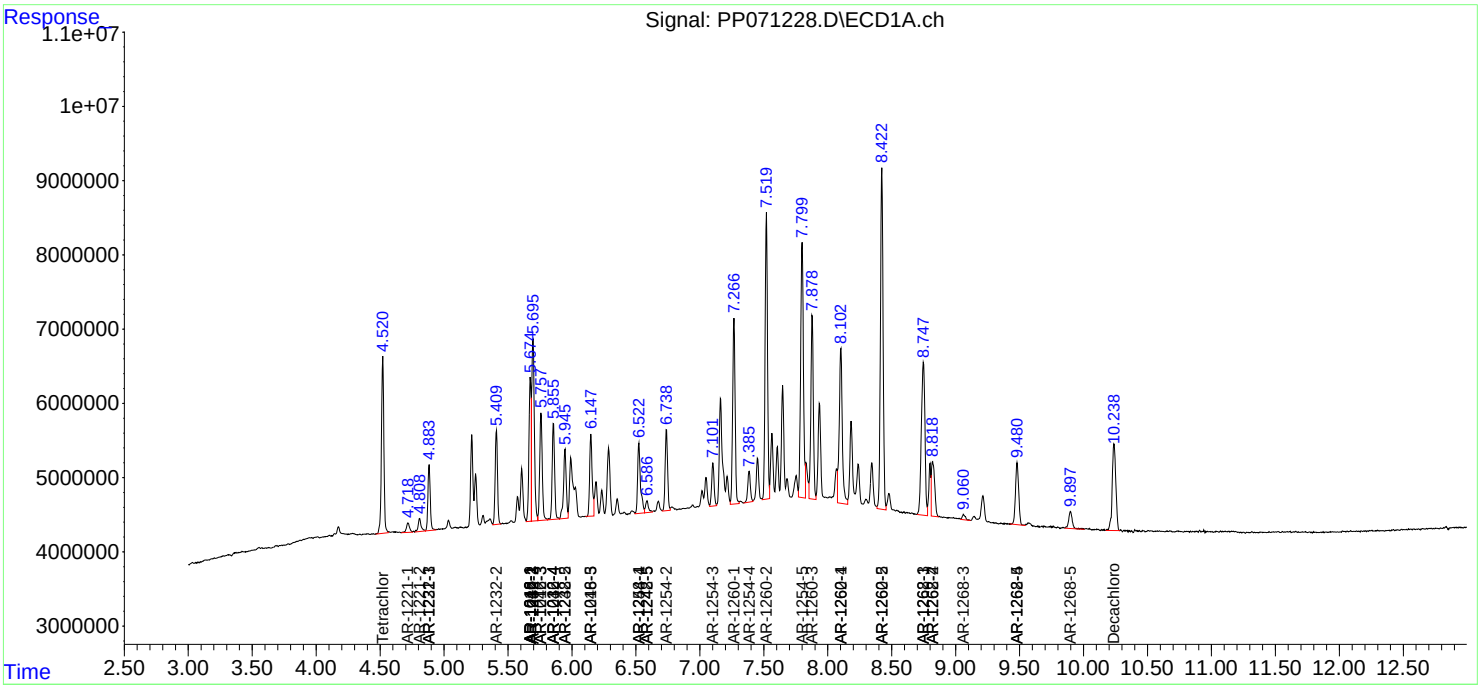
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

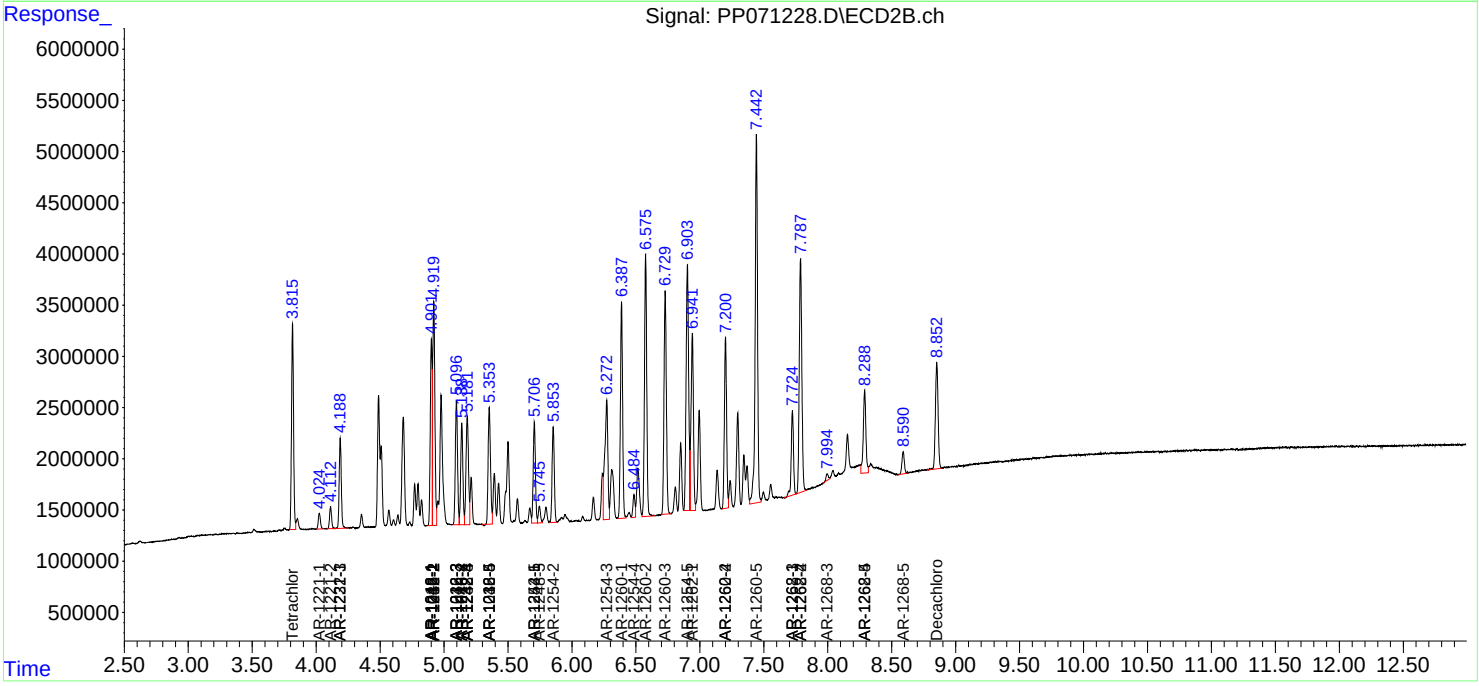
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041125\
Data File : PP071228.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Apr 2025 11:17
Operator : YP\AJ
Sample : PB167553BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

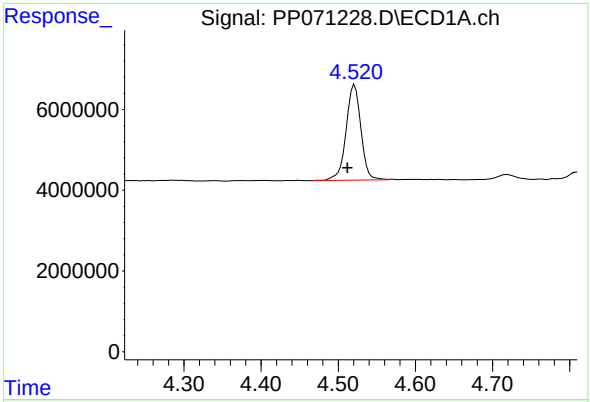
Instrument :
ECD_P
ClientSampleId :
PB167553BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 00:15:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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



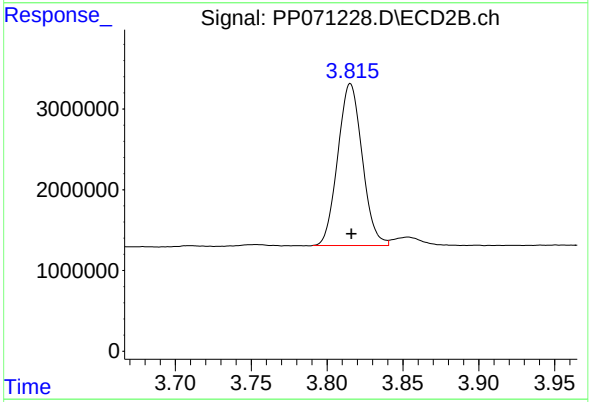




#1 Tetrachloro-m-xylene

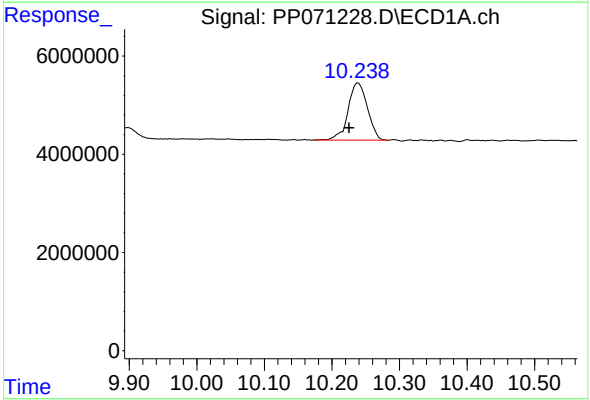
R.T.: 4.521 min
Delta R.T.: 0.009 min
Response: 31515792
Conc: 21.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BS



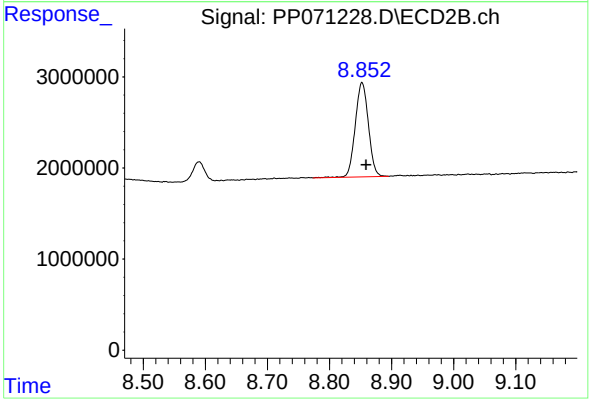
#1 Tetrachloro-m-xylene

R.T.: 3.815 min
Delta R.T.: 0.000 min
Response: 22492708
Conc: 21.70 ng/ml



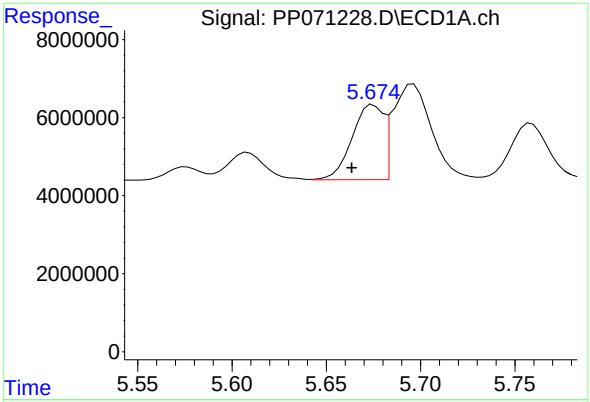
#2 Decachlorobiphenyl

R.T.: 10.239 min
Delta R.T.: 0.014 min
Response: 23190224
Conc: 22.03 ng/ml



#2 Decachlorobiphenyl

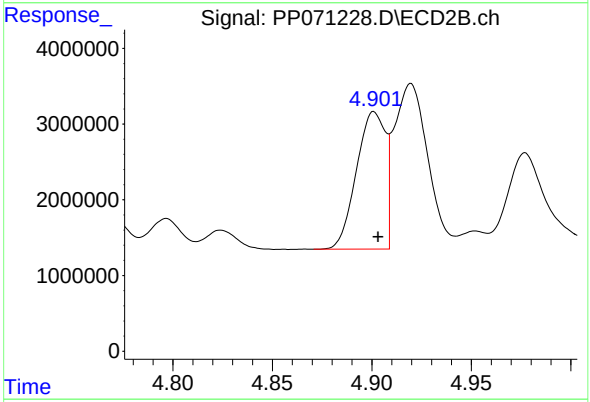
R.T.: 8.852 min
Delta R.T.: -0.006 min
Response: 15222766
Conc: 19.31 ng/ml



#3 AR-1016-1

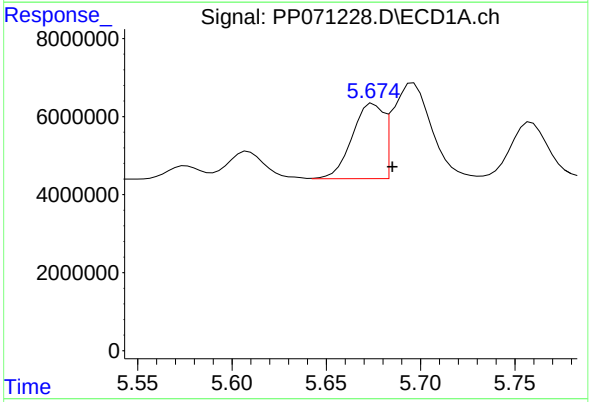
R.T.: 5.675 min
Delta R.T.: 0.012 min
Response: 22217347
Conc: 436.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BS



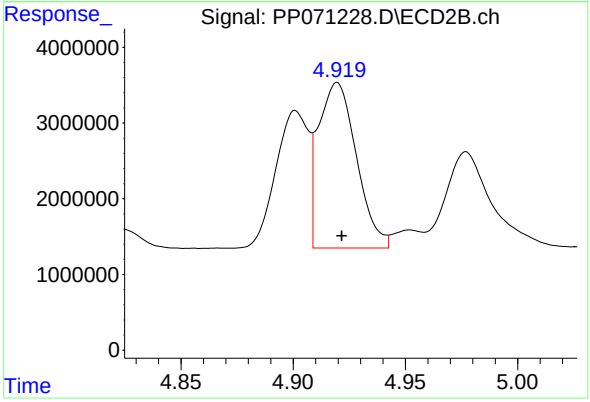
#3 AR-1016-1

R.T.: 4.901 min
Delta R.T.: -0.002 min
Response: 18383567
Conc: 458.58 ng/ml



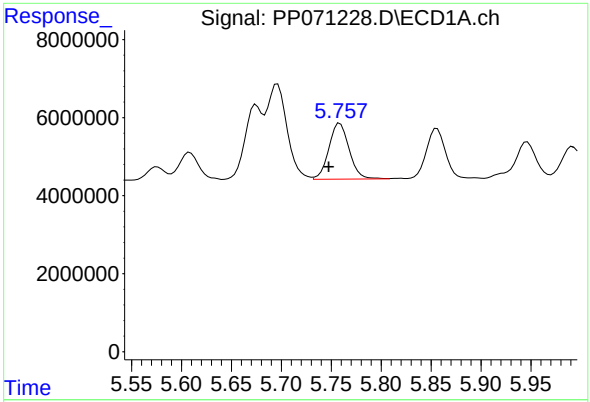
#4 AR-1016-2

R.T.: 5.675 min
Delta R.T.: -0.010 min
Response: 22217347
Conc: 284.64 ng/ml



#4 AR-1016-2

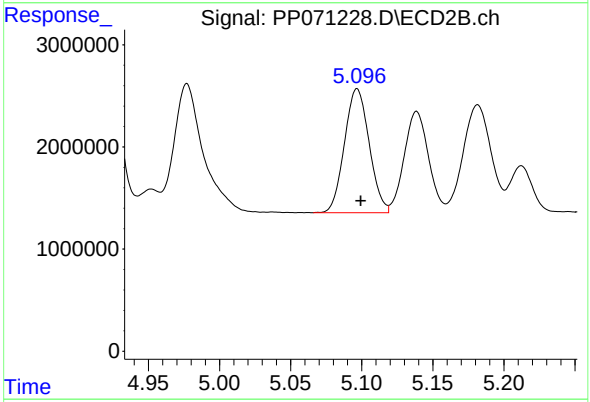
R.T.: 4.920 min
Delta R.T.: -0.002 min
Response: 25767629
Conc: 445.31 ng/ml



#5 AR-1016-3

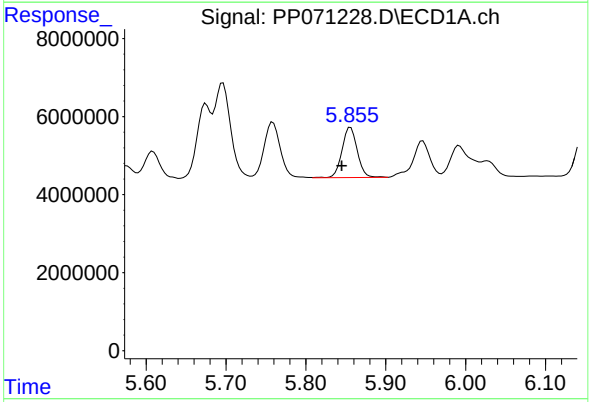
R.T.: 5.759 min
Delta R.T.: 0.011 min
Response: 20316943
Conc: 430.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BS



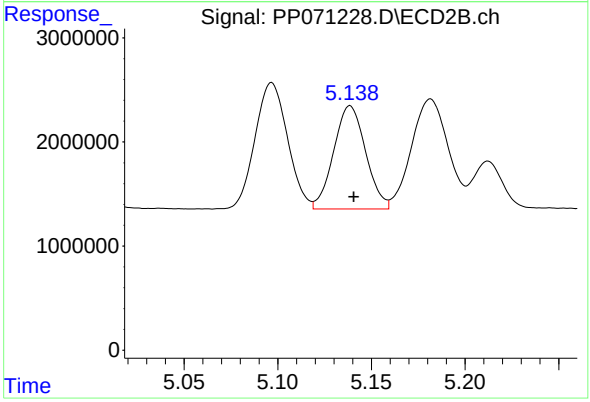
#5 AR-1016-3

R.T.: 5.097 min
Delta R.T.: -0.002 min
Response: 14705733
Conc: 475.56 ng/ml



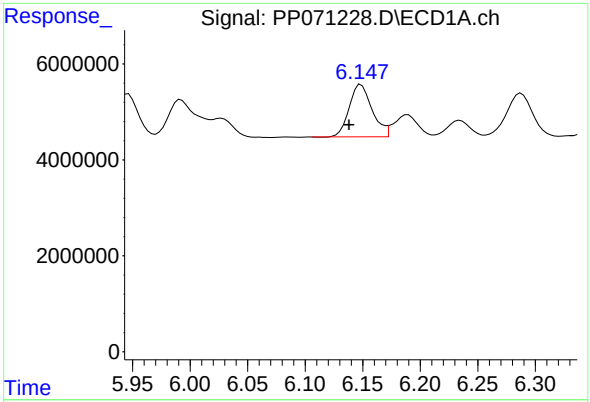
#6 AR-1016-4

R.T.: 5.856 min
Delta R.T.: 0.011 min
Response: 17168693
Conc: 467.10 ng/ml



#6 AR-1016-4

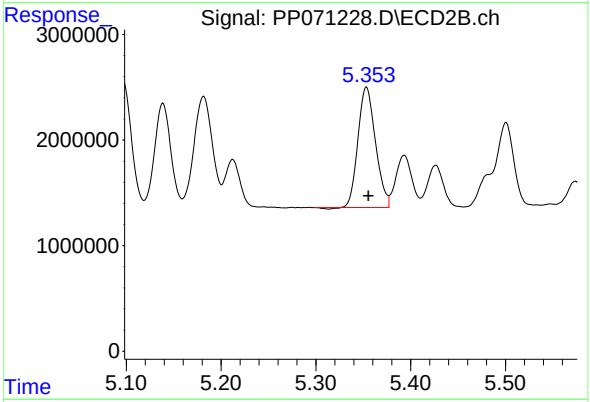
R.T.: 5.139 min
Delta R.T.: -0.002 min
Response: 11808641
Conc: 484.84 ng/ml



#7 AR-1016-5

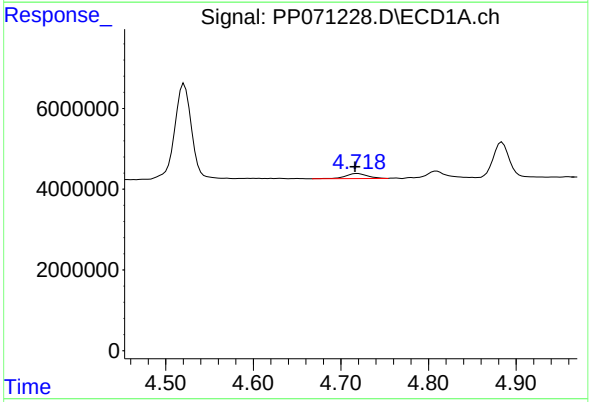
R.T.: 6.149 min
Delta R.T.: 0.010 min
Response: 15146684
Conc: 446.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BS



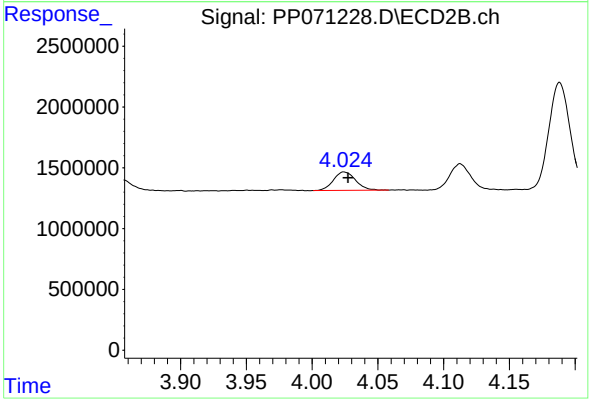
#7 AR-1016-5

R.T.: 5.353 min
Delta R.T.: -0.002 min
Response: 14595485
Conc: 451.58 ng/ml



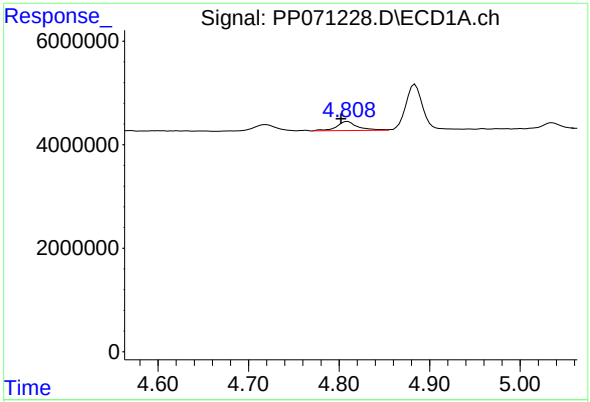
#8 AR-1221-1

R.T.: 4.719 min
Delta R.T.: 0.003 min
Response: 2228498
Conc: 128.42 ng/ml



#8 AR-1221-1

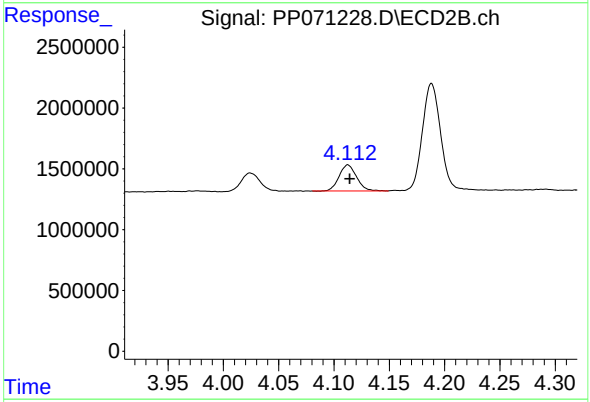
R.T.: 4.024 min
Delta R.T.: -0.003 min
Response: 1783406
Conc: 116.99 ng/ml



#9 AR-1221-2

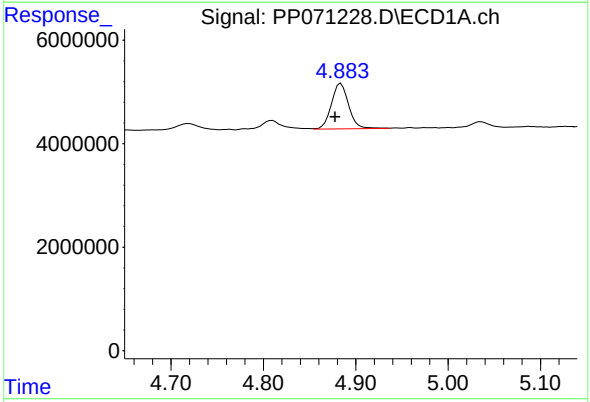
R.T.: 4.809 min
Delta R.T.: 0.007 min
Response: 2840280
Conc: 219.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BS



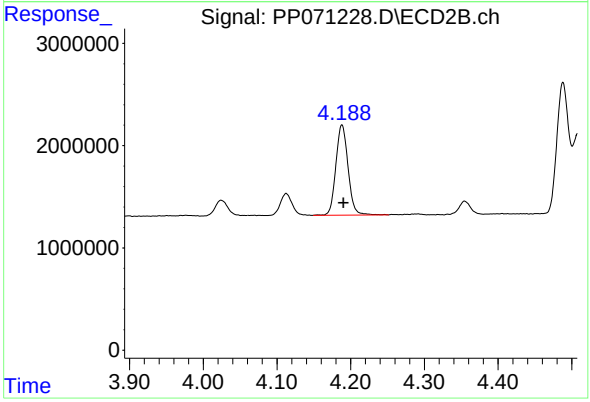
#9 AR-1221-2

R.T.: 4.113 min
Delta R.T.: -0.002 min
Response: 2358680
Conc: 206.25 ng/ml



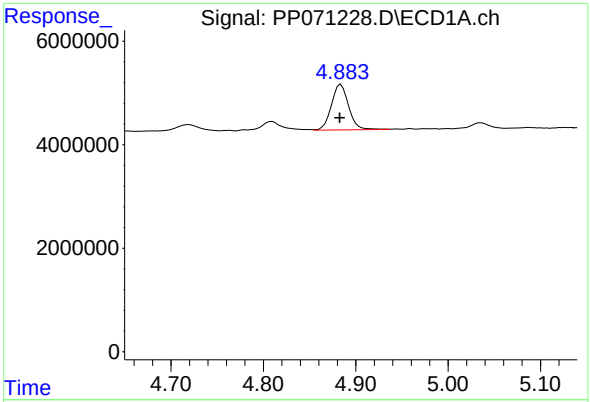
#10 AR-1221-3

R.T.: 4.884 min
Delta R.T.: 0.006 min
Response: 11362577
Conc: 272.37 ng/ml



#10 AR-1221-3

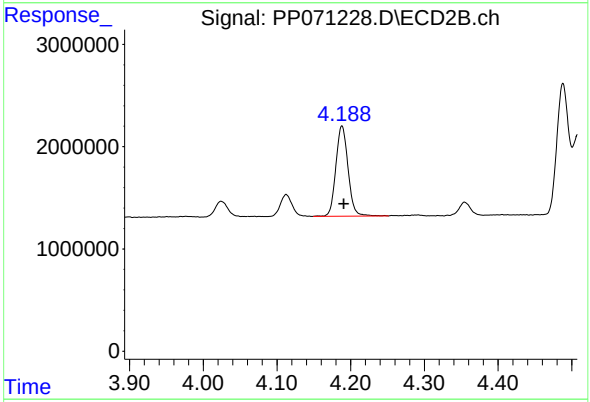
R.T.: 4.188 min
Delta R.T.: -0.002 min
Response: 10126664
Conc: 297.07 ng/ml



#11 AR-1232-1

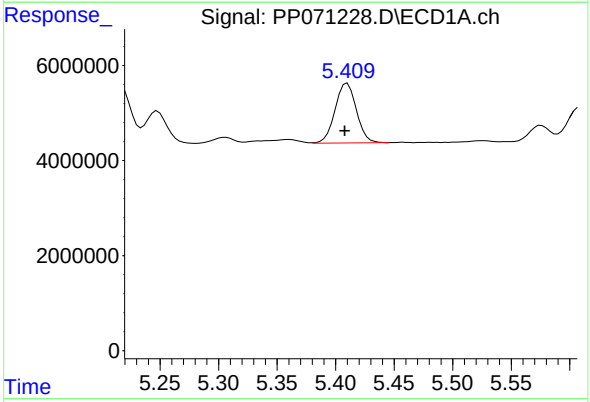
R.T.: 4.884 min
Delta R.T.: 0.001 min
Response: 11362577
Conc: 341.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BS



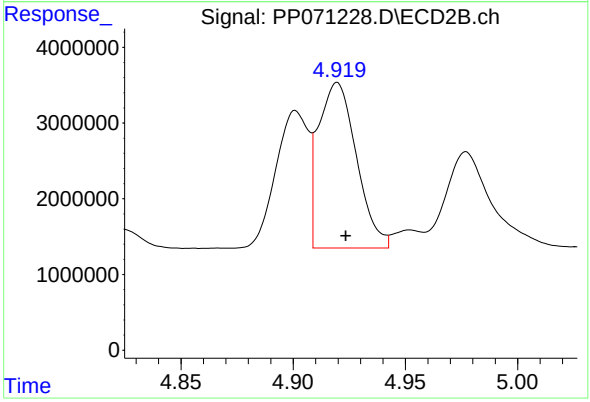
#11 AR-1232-1

R.T.: 4.188 min
Delta R.T.: -0.003 min
Response: 10126664
Conc: 361.84 ng/ml



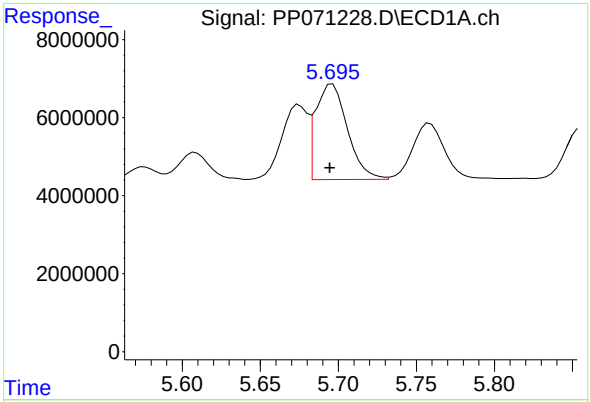
#12 AR-1232-2

R.T.: 5.410 min
Delta R.T.: 0.002 min
Response: 15965331
Conc: 1003.46 ng/ml



#12 AR-1232-2

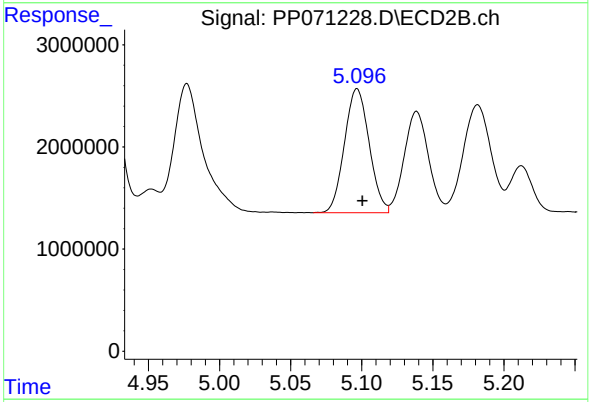
R.T.: 4.920 min
Delta R.T.: -0.004 min
Response: 25767629
Conc: 918.27 ng/ml



#13 AR-1232-3

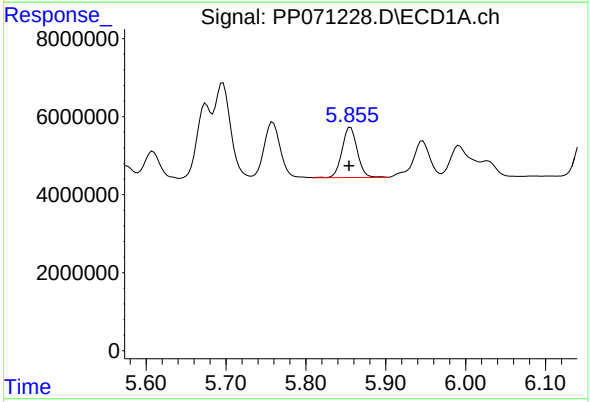
R.T.: 5.696 min
Delta R.T.: 0.002 min
Response: 34782288
Conc: 1014.94 ng/m

Instrument :
ECD_P
ClientSampleId :
PB167553BS



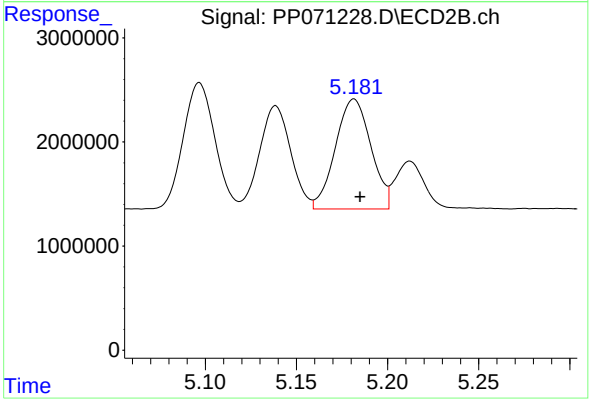
#13 AR-1232-3

R.T.: 5.097 min
Delta R.T.: -0.004 min
Response: 14705733
Conc: 987.65 ng/ml



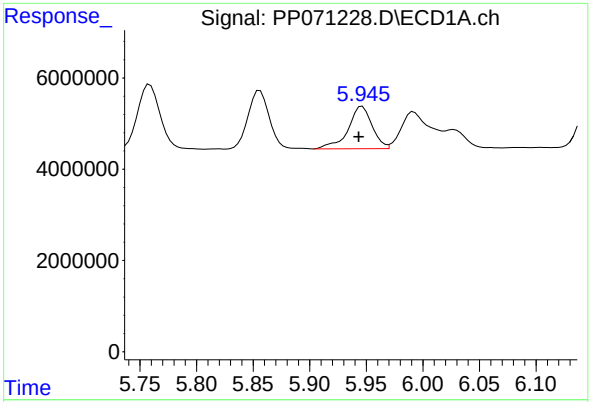
#14 AR-1232-4

R.T.: 5.856 min
Delta R.T.: 0.002 min
Response: 17168693
Conc: 1093.02 ng/ml



#14 AR-1232-4

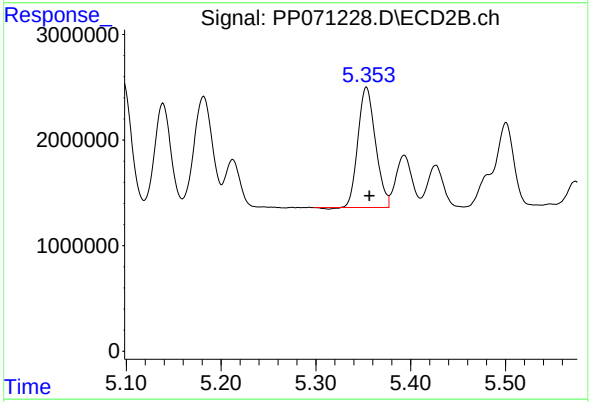
R.T.: 5.182 min
Delta R.T.: -0.003 min
Response: 14368934
Conc: 1122.19 ng/ml



#15 AR-1232-5

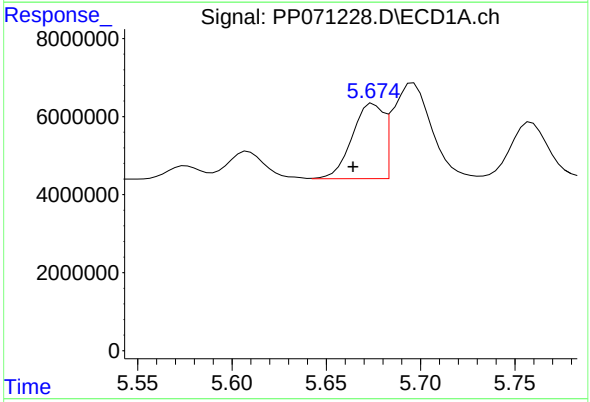
R.T.: 5.946 min
Delta R.T.: 0.003 min
Response: 13707535
Conc: 1288.26 ng/m

Instrument :
ECD_P
ClientSampleId :
PB167553BS



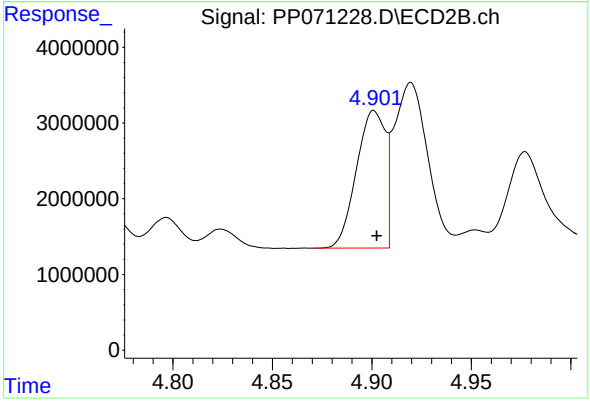
#15 AR-1232-5

R.T.: 5.353 min
Delta R.T.: -0.003 min
Response: 14595485
Conc: 1029.68 ng/ml



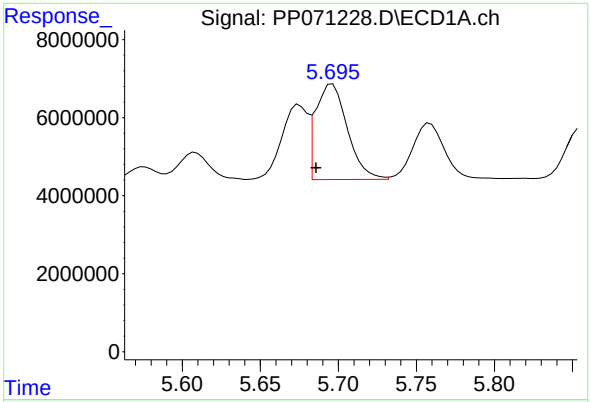
#16 AR-1242-1

R.T.: 5.675 min
Delta R.T.: 0.011 min
Response: 22217347
Conc: 505.20 ng/ml



#16 AR-1242-1

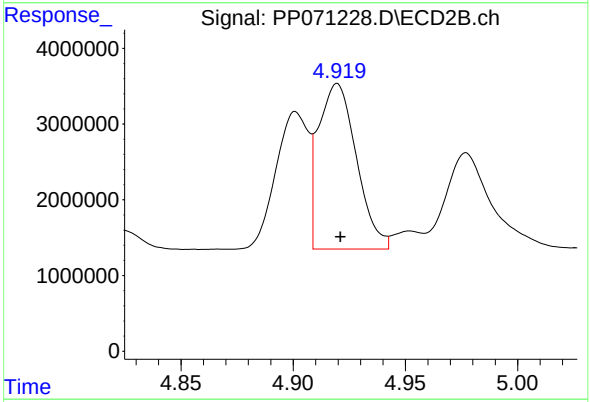
R.T.: 4.901 min
Delta R.T.: -0.001 min
Response: 18383567
Conc: 537.60 ng/ml



#17 AR-1242-2

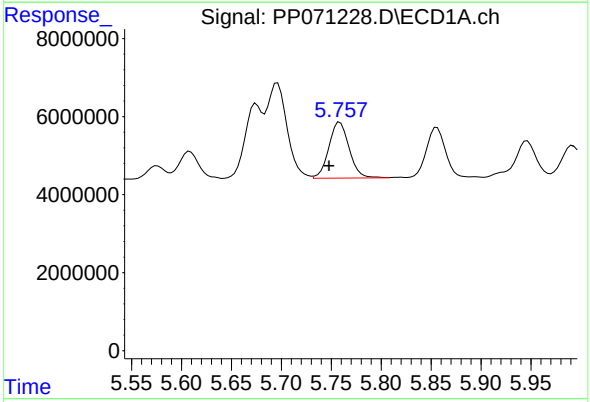
R.T.: 5.696 min
Delta R.T.: 0.010 min
Response: 34782288
Conc: 540.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BS



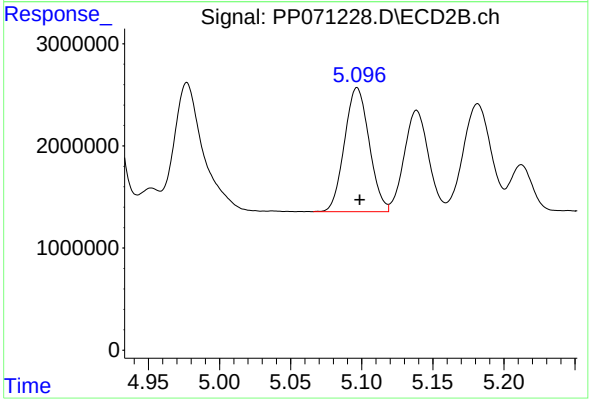
#17 AR-1242-2

R.T.: 4.920 min
Delta R.T.: -0.001 min
Response: 25767629
Conc: 523.12 ng/ml



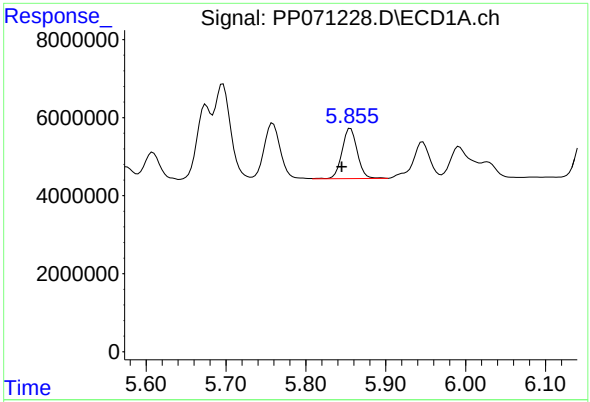
#18 AR-1242-3

R.T.: 5.759 min
Delta R.T.: 0.011 min
Response: 20316943
Conc: 495.06 ng/ml



#18 AR-1242-3

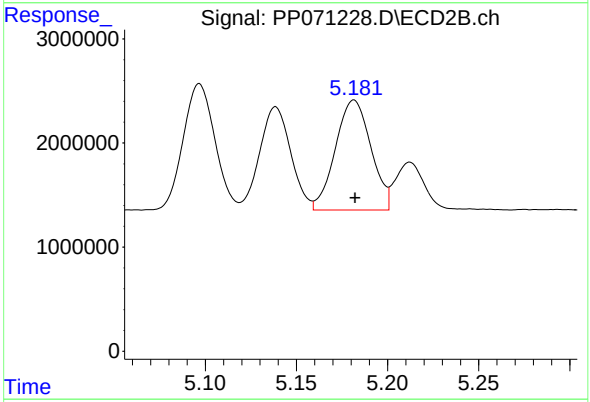
R.T.: 5.097 min
Delta R.T.: -0.002 min
Response: 14705733
Conc: 551.93 ng/ml



#19 AR-1242-4

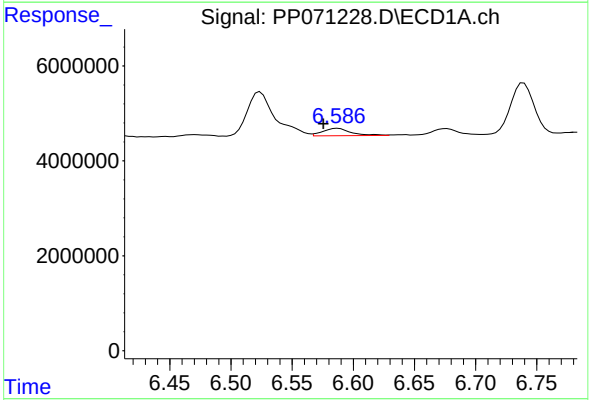
R.T.: 5.856 min
Delta R.T.: 0.011 min
Response: 17168693
Conc: 562.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BS



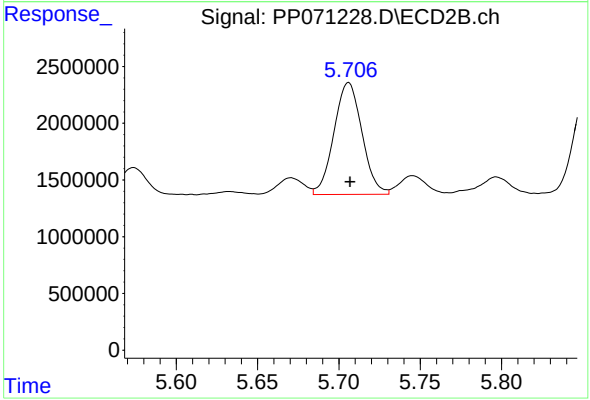
#19 AR-1242-4

R.T.: 5.182 min
Delta R.T.: 0.000 min
Response: 14368934
Conc: 544.73 ng/ml



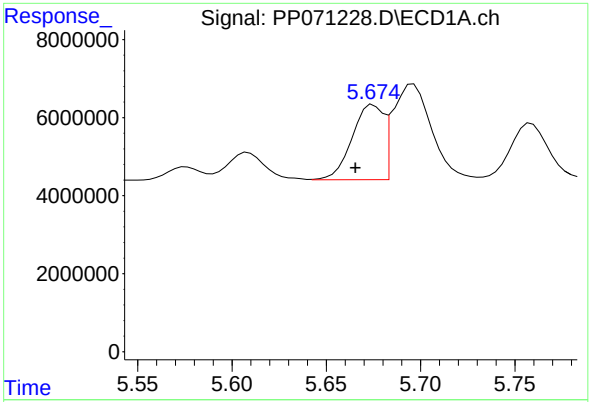
#20 AR-1242-5

R.T.: 6.587 min
Delta R.T.: 0.012 min
Response: 2552548
Conc: 69.91 ng/ml



#20 AR-1242-5

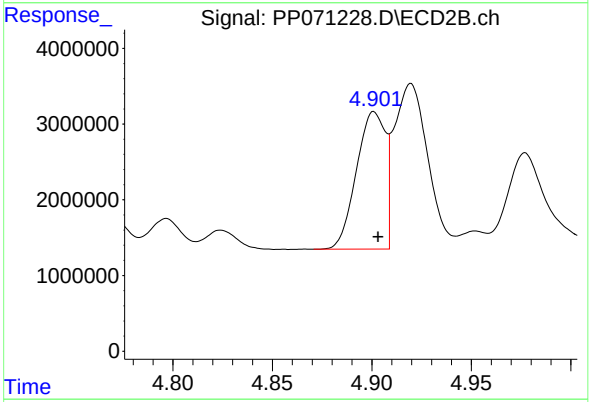
R.T.: 5.706 min
Delta R.T.: 0.000 min
Response: 11836360
Conc: 382.33 ng/ml



#21 AR-1248-1

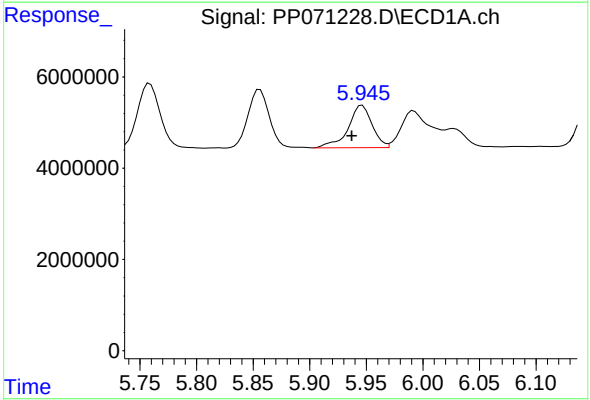
R.T.: 5.675 min
Delta R.T.: 0.010 min
Response: 22217347
Conc: 612.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BS



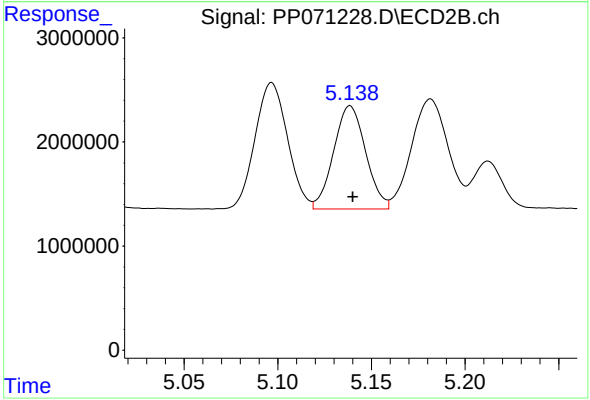
#21 AR-1248-1

R.T.: 4.901 min
Delta R.T.: -0.002 min
Response: 18383567
Conc: 678.86 ng/ml



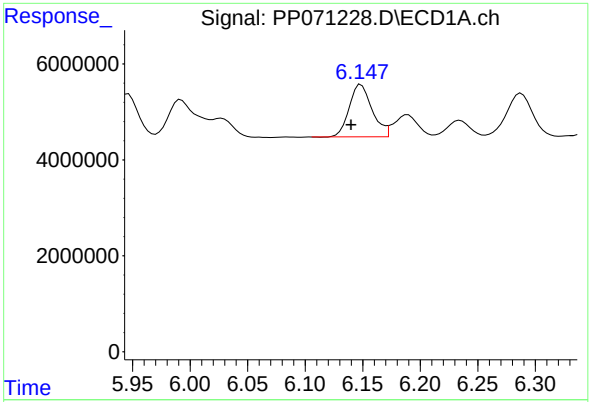
#22 AR-1248-2

R.T.: 5.946 min
Delta R.T.: 0.009 min
Response: 13707535
Conc: 305.03 ng/ml



#22 AR-1248-2

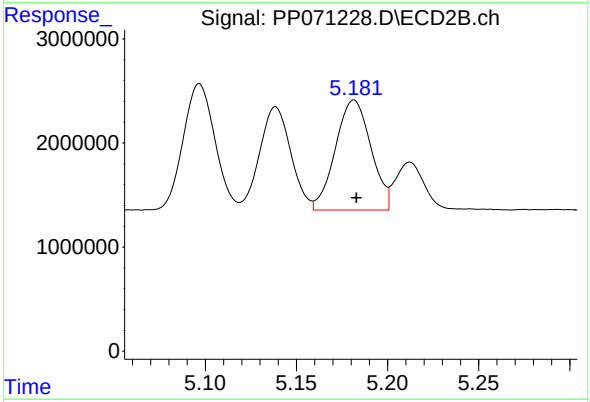
R.T.: 5.139 min
Delta R.T.: -0.001 min
Response: 11808641
Conc: 321.56 ng/ml



#23 AR-1248-3

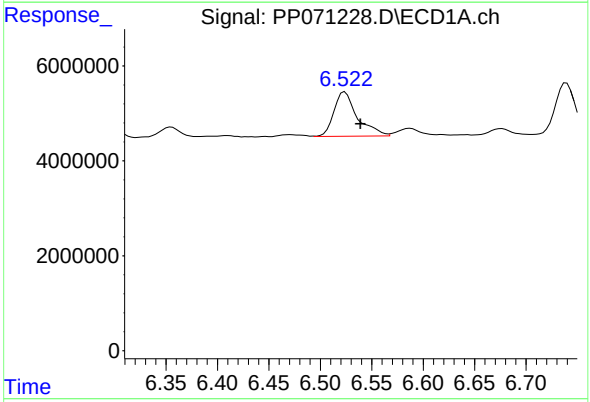
R.T.: 6.149 min
Delta R.T.: 0.009 min
Response: 15146684
Conc: 299.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BS



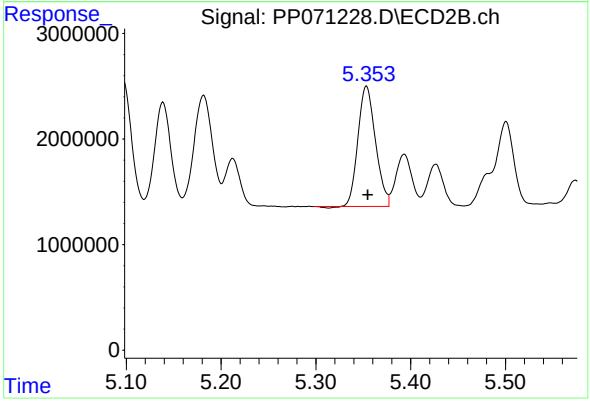
#23 AR-1248-3

R.T.: 5.182 min
Delta R.T.: -0.001 min
Response: 14368934
Conc: 371.68 ng/ml



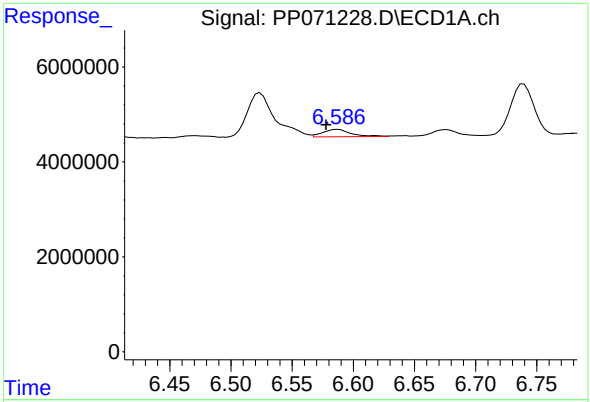
#24 AR-1248-4

R.T.: 6.524 min
Delta R.T.: -0.015 min
Response: 14871036
Conc: 231.83 ng/ml



#24 AR-1248-4

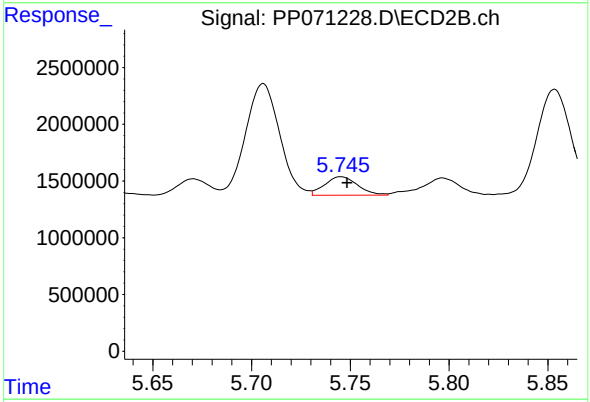
R.T.: 5.353 min
Delta R.T.: -0.001 min
Response: 14595485
Conc: 323.33 ng/ml



#25 AR-1248-5

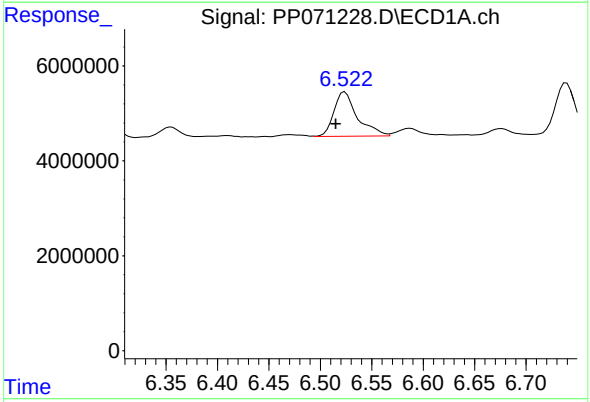
R.T.: 6.587 min
Delta R.T.: 0.010 min
Response: 2552548
Conc: 41.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BS



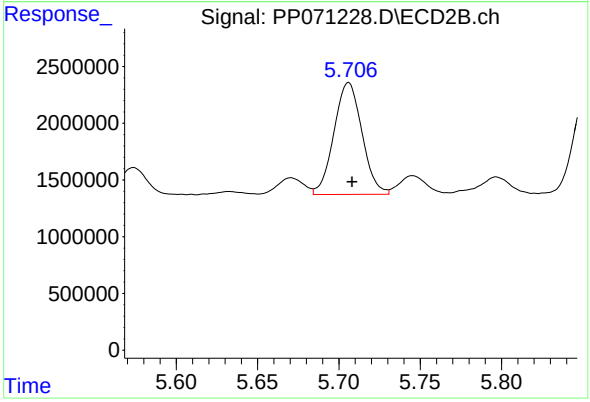
#25 AR-1248-5

R.T.: 5.745 min
Delta R.T.: -0.003 min
Response: 1905030
Conc: 44.64 ng/ml



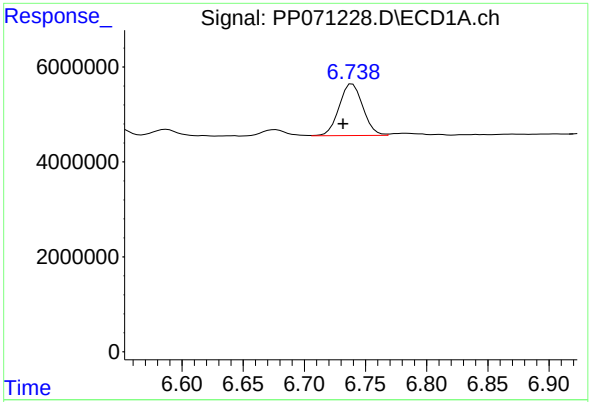
#26 AR-1254-1

R.T.: 6.524 min
Delta R.T.: 0.009 min
Response: 14871036
Conc: 230.95 ng/ml



#26 AR-1254-1

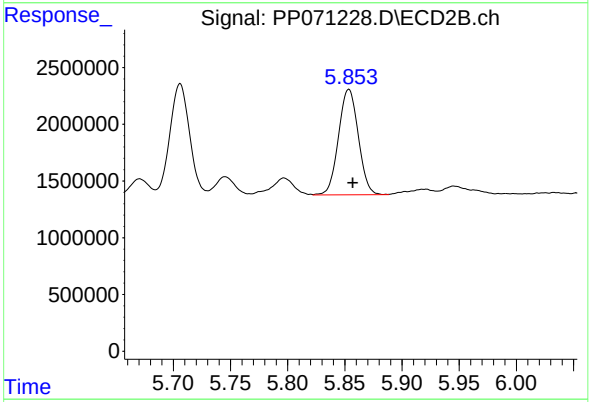
R.T.: 5.706 min
Delta R.T.: -0.002 min
Response: 11836360
Conc: 179.29 ng/ml



#27 AR-1254-2

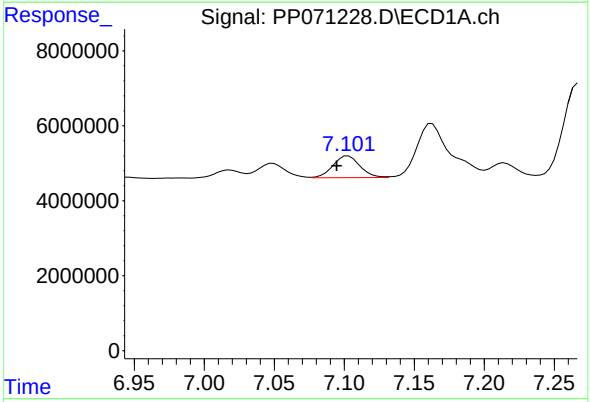
R.T.: 6.739 min
Delta R.T.: 0.008 min
Response: 14734482
Conc: 145.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BS



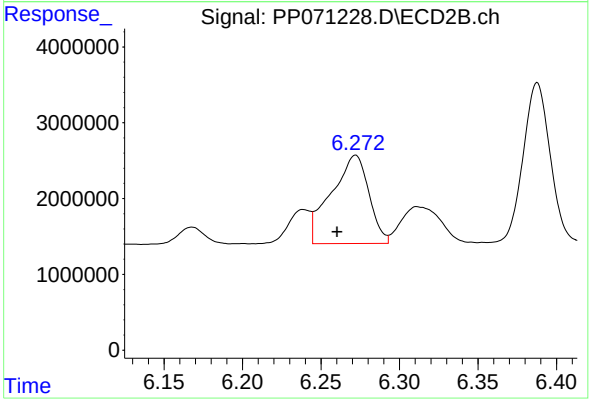
#27 AR-1254-2

R.T.: 5.853 min
Delta R.T.: -0.003 min
Response: 11189239
Conc: 195.97 ng/ml



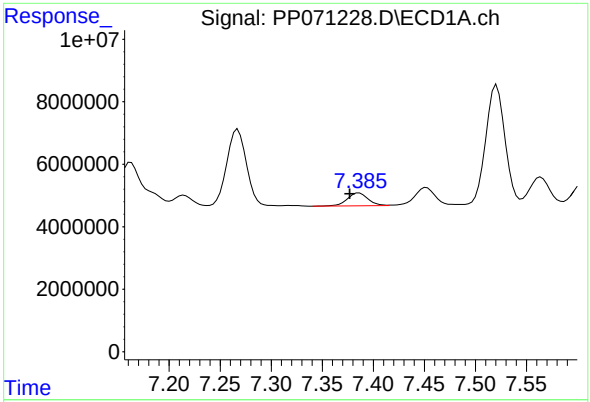
#28 AR-1254-3

R.T.: 7.103 min
Delta R.T.: 0.008 min
Response: 7795280
Conc: 78.17 ng/ml



#28 AR-1254-3

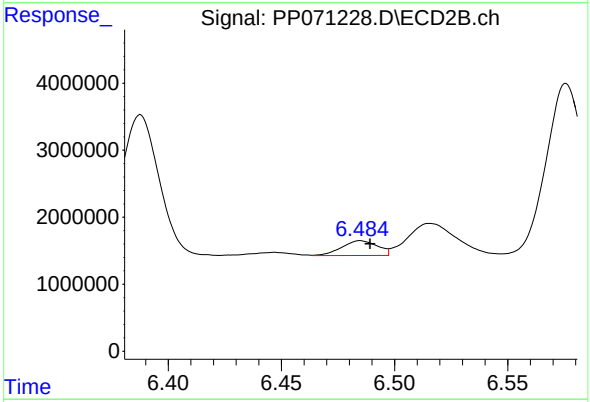
R.T.: 6.272 min
Delta R.T.: 0.012 min
Response: 19499066
Conc: 224.54 ng/ml



#29 AR-1254-4

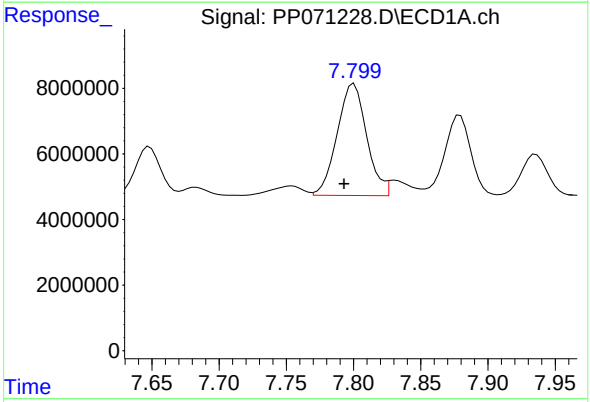
R.T.: 7.386 min
Delta R.T.: 0.009 min
Response: 5846573
Conc: 67.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BS



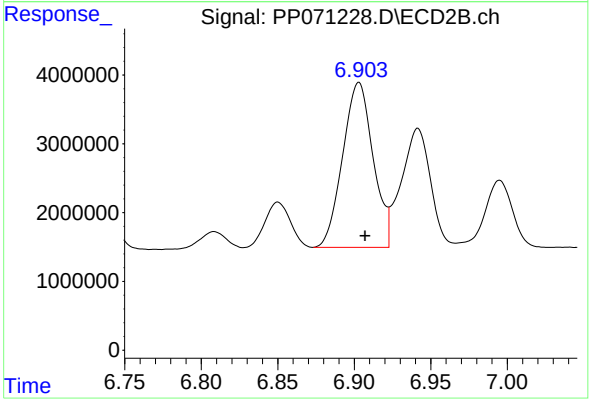
#29 AR-1254-4

R.T.: 6.485 min
Delta R.T.: -0.004 min
Response: 2445038
Conc: 43.58 ng/ml



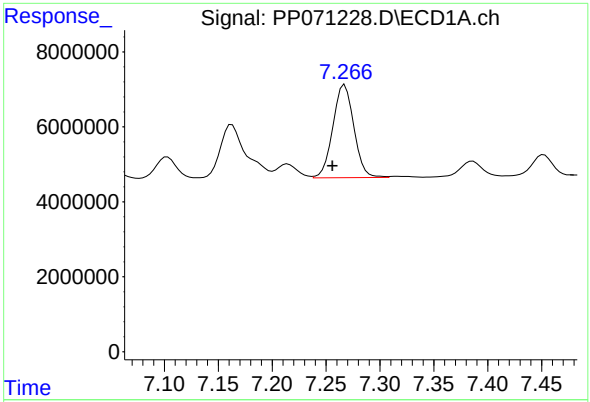
#30 AR-1254-5

R.T.: 7.800 min
Delta R.T.: 0.007 min
Response: 52021331
Conc: 647.43 ng/ml



#30 AR-1254-5

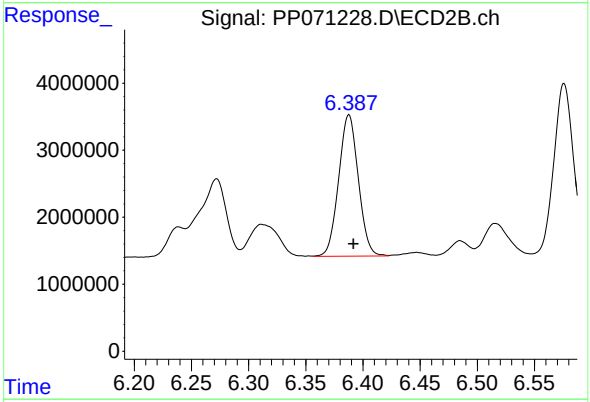
R.T.: 6.903 min
Delta R.T.: -0.004 min
Response: 33223749
Conc: 460.48 ng/ml



#31 AR-1260-1

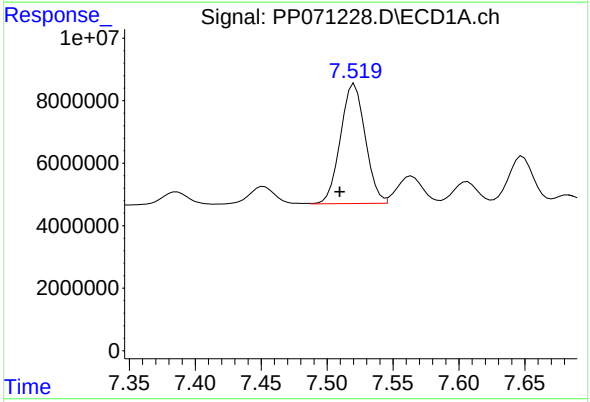
R.T.: 7.267 min
Delta R.T.: 0.011 min
Response: 33608909
Conc: 500.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BS



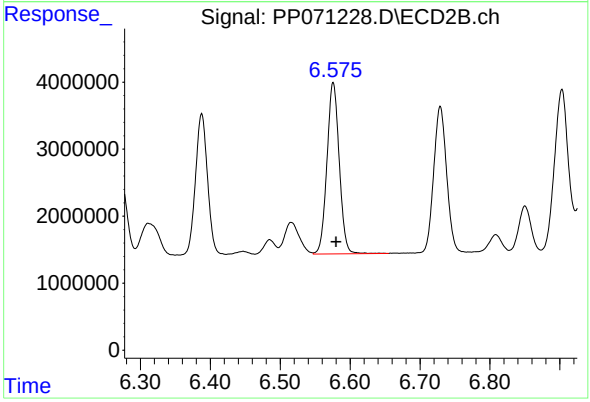
#31 AR-1260-1

R.T.: 6.388 min
Delta R.T.: -0.004 min
Response: 25293631
Conc: 493.96 ng/ml



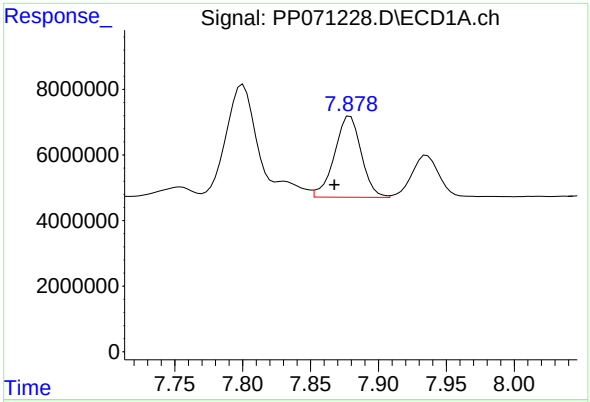
#32 AR-1260-2

R.T.: 7.521 min
Delta R.T.: 0.011 min
Response: 50057710
Conc: 520.69 ng/ml



#32 AR-1260-2

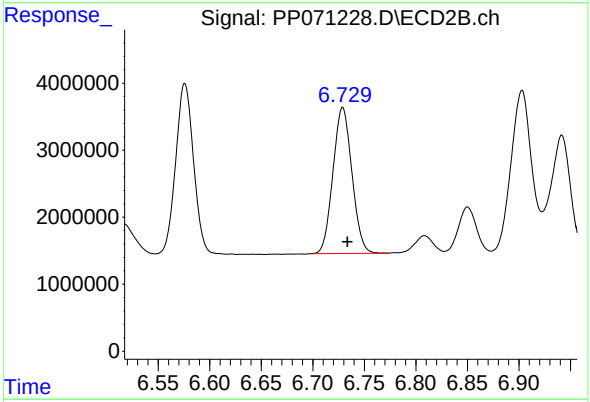
R.T.: 6.576 min
Delta R.T.: -0.004 min
Response: 31232730
Conc: 489.59 ng/ml



#33 AR-1260-3

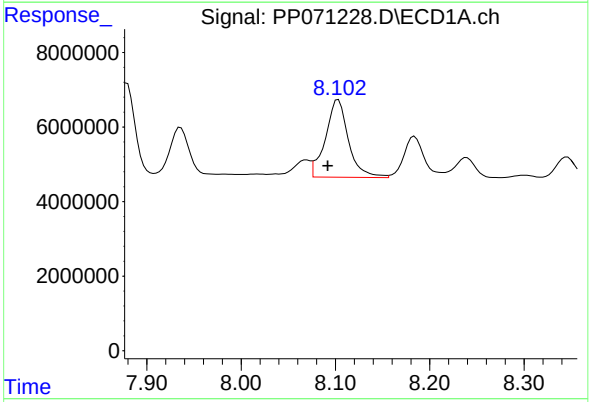
R.T.: 7.879 min
Delta R.T.: 0.012 min
Response: 33933227
Conc: 424.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BS



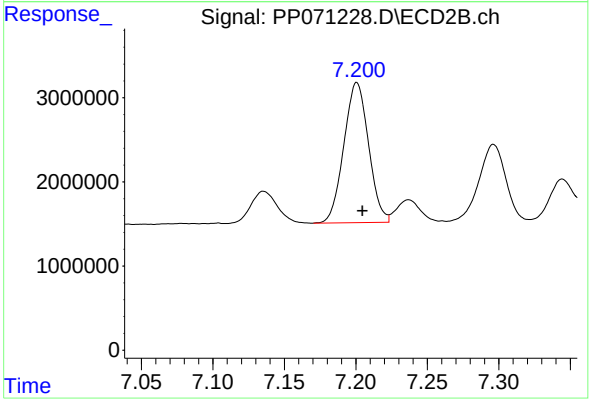
#33 AR-1260-3

R.T.: 6.729 min
Delta R.T.: -0.005 min
Response: 27892510
Conc: 511.91 ng/ml



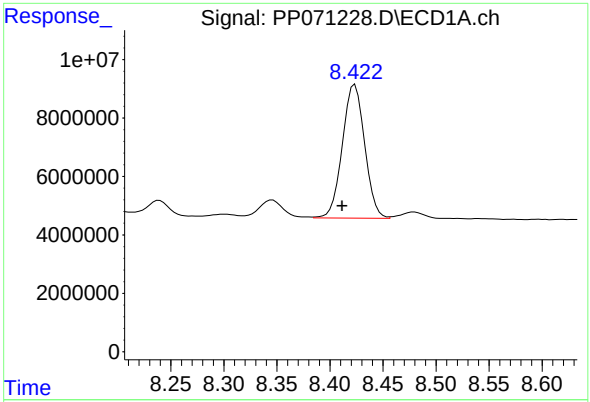
#34 AR-1260-4

R.T.: 8.103 min
Delta R.T.: 0.011 min
Response: 35294628
Conc: 448.26 ng/ml



#34 AR-1260-4

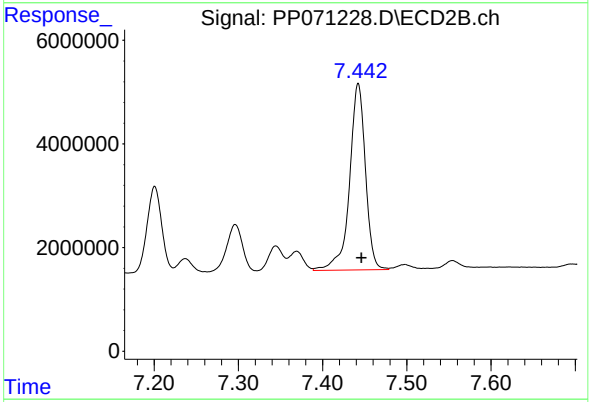
R.T.: 7.201 min
Delta R.T.: -0.004 min
Response: 20037105
Conc: 418.96 ng/ml



#35 AR-1260-5

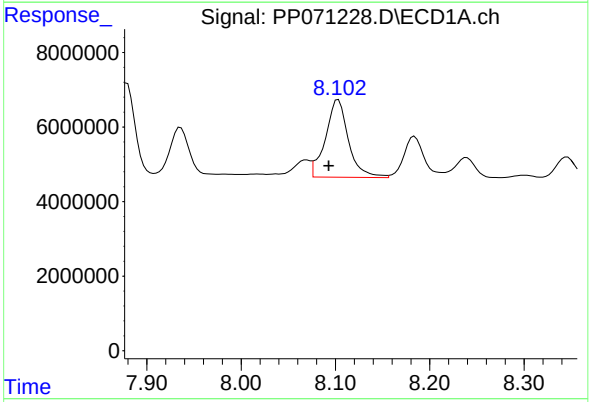
R.T.: 8.424 min
Delta R.T.: 0.012 min
Response: 66993575
Conc: 421.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BS



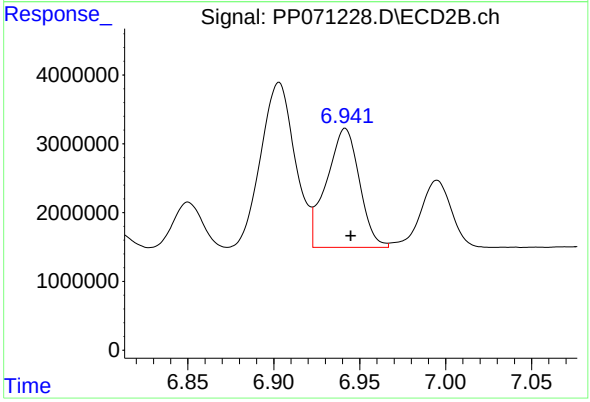
#35 AR-1260-5

R.T.: 7.442 min
Delta R.T.: -0.004 min
Response: 47131087
Conc: 378.53 ng/ml



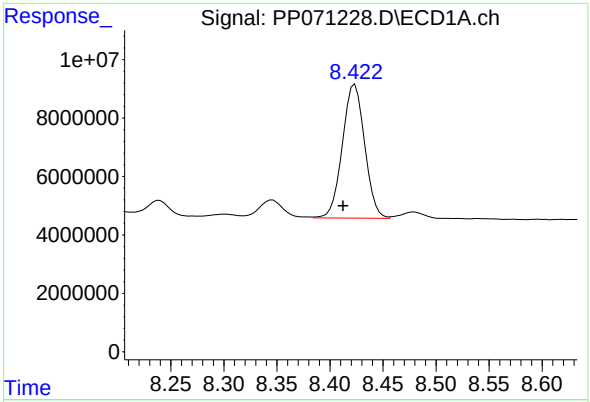
#36 AR-1262-1

R.T.: 8.103 min
Delta R.T.: 0.010 min
Response: 35294628
Conc: 332.03 ng/ml



#36 AR-1262-1

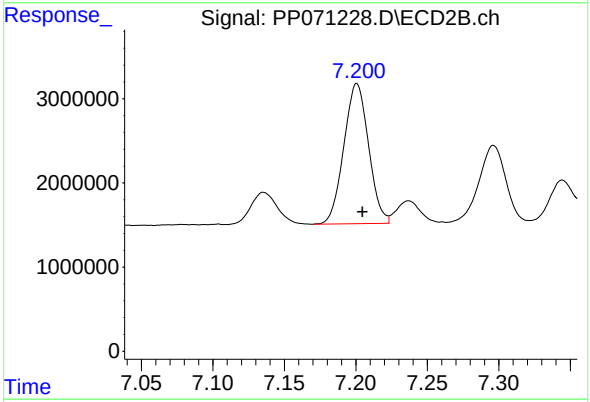
R.T.: 6.942 min
Delta R.T.: -0.003 min
Response: 22978274
Conc: 268.55 ng/ml



#37 AR-1262-2

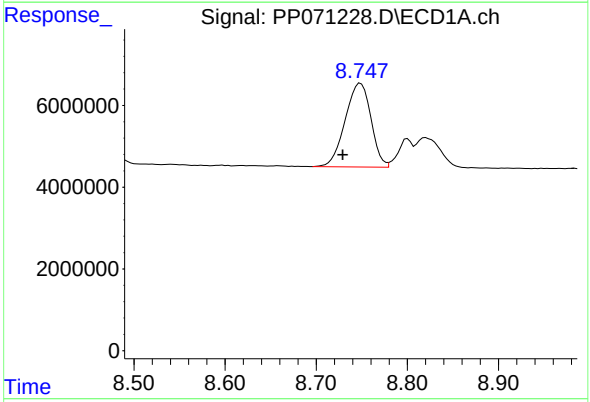
R.T.: 8.424 min
Delta R.T.: 0.011 min
Response: 66993575
Conc: 337.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BS



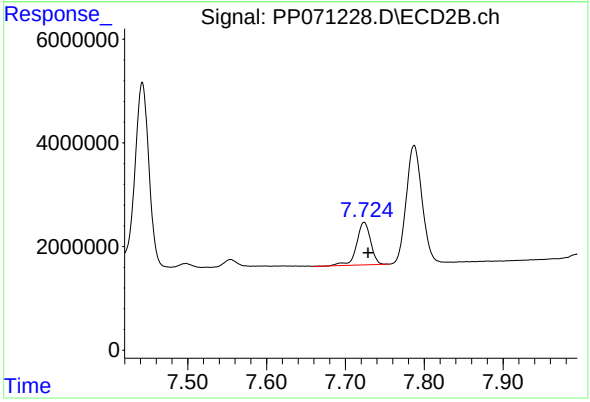
#37 AR-1262-2

R.T.: 7.201 min
Delta R.T.: -0.004 min
Response: 20037105
Conc: 292.66 ng/ml



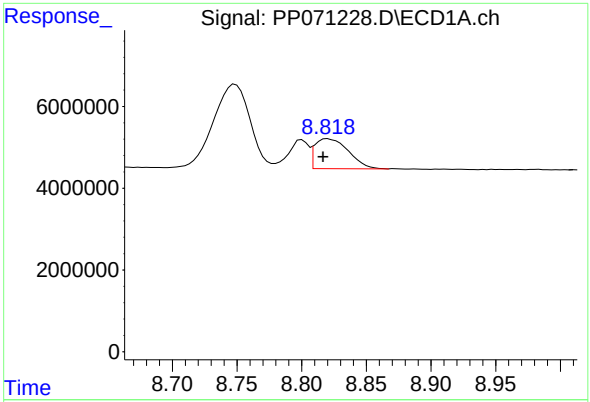
#38 AR-1262-3

R.T.: 8.749 min
Delta R.T.: 0.019 min
Response: 40321387
Conc: 306.06 ng/ml



#38 AR-1262-3

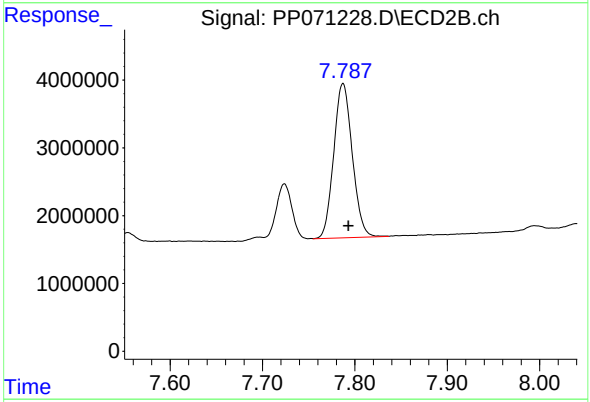
R.T.: 7.724 min
Delta R.T.: -0.005 min
Response: 10155102
Conc: 167.24 ng/ml



#39 AR-1262-4

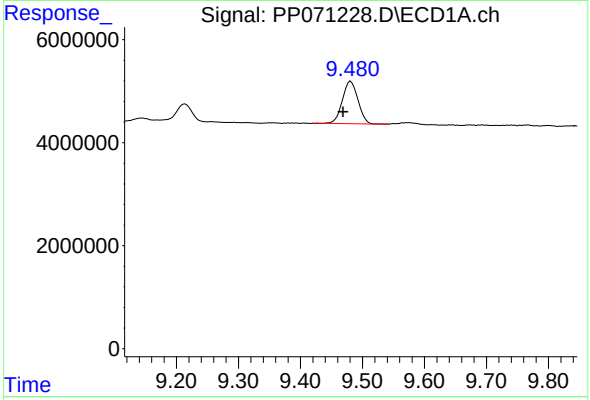
R.T.: 8.820 min
Delta R.T.: 0.003 min
Response: 13275932
Conc: 138.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BS



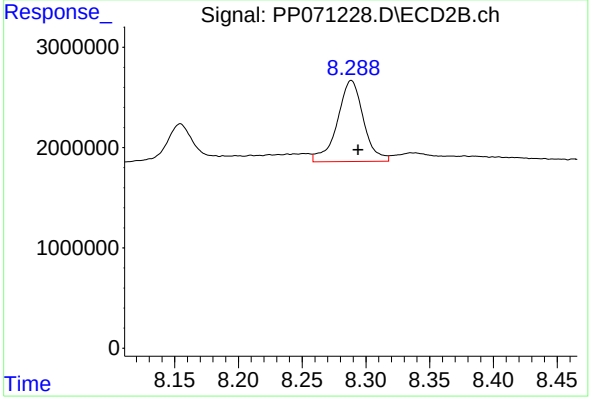
#39 AR-1262-4

R.T.: 7.787 min
Delta R.T.: -0.006 min
Response: 31798654
Conc: 319.88 ng/ml



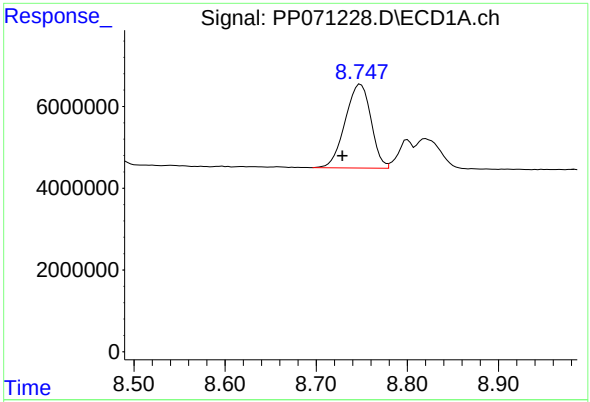
#40 AR-1262-5

R.T.: 9.481 min
Delta R.T.: 0.012 min
Response: 14400868
Conc: 221.33 ng/ml



#40 AR-1262-5

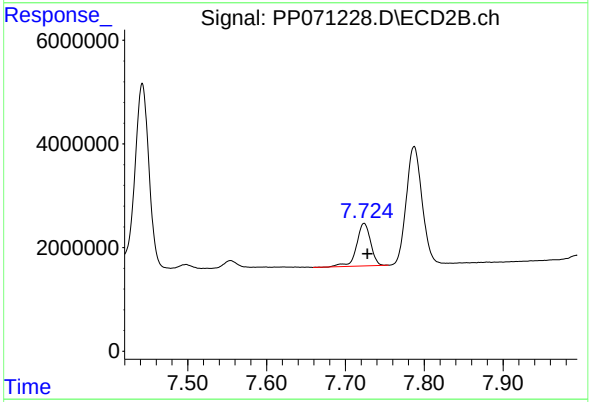
R.T.: 8.289 min
Delta R.T.: -0.005 min
Response: 11558280
Conc: 246.59 ng/ml



#41 AR-1268-1

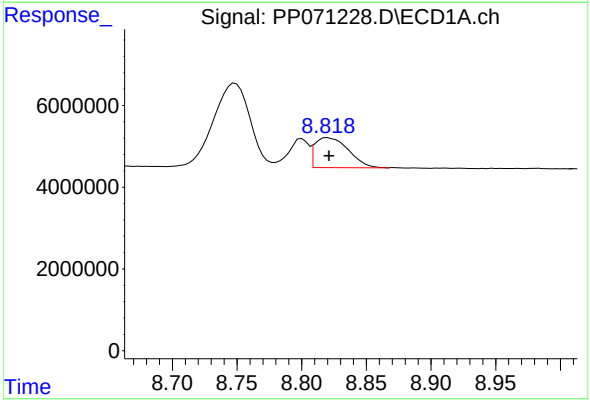
R.T.: 8.749 min
Delta R.T.: 0.020 min
Response: 40321387
Conc: 171.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BS



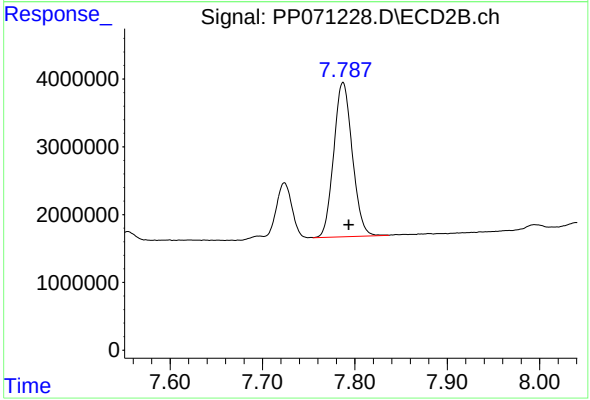
#41 AR-1268-1

R.T.: 7.724 min
Delta R.T.: -0.004 min
Response: 10155102
Conc: 59.25 ng/ml



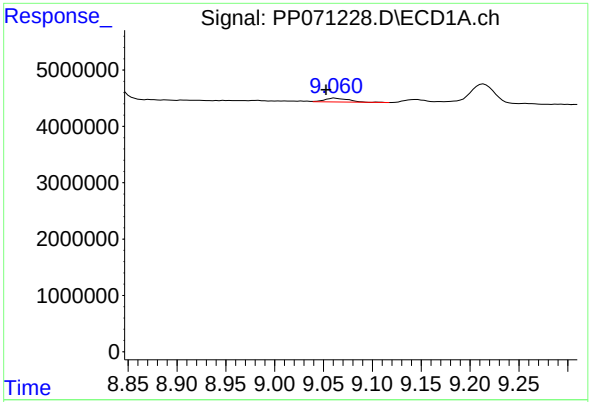
#42 AR-1268-2

R.T.: 8.820 min
Delta R.T.: -0.001 min
Response: 13275932
Conc: 67.97 ng/ml



#42 AR-1268-2

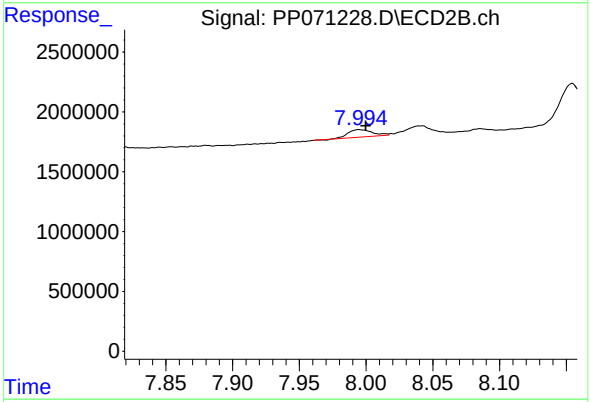
R.T.: 7.787 min
Delta R.T.: -0.006 min
Response: 31798654
Conc: 221.93 ng/ml



#43 AR-1268-3

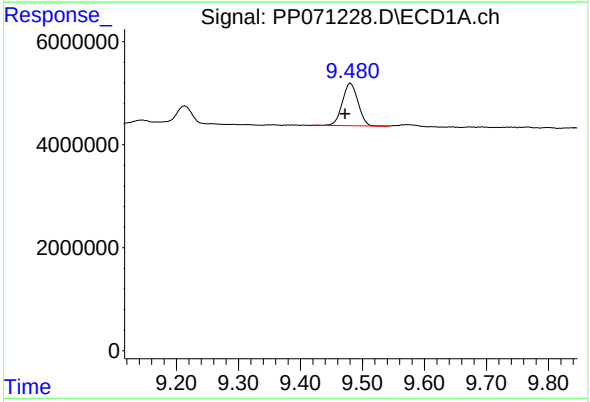
R.T.: 9.062 min
Delta R.T.: 0.009 min
Response: 888603
Conc: 5.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BS



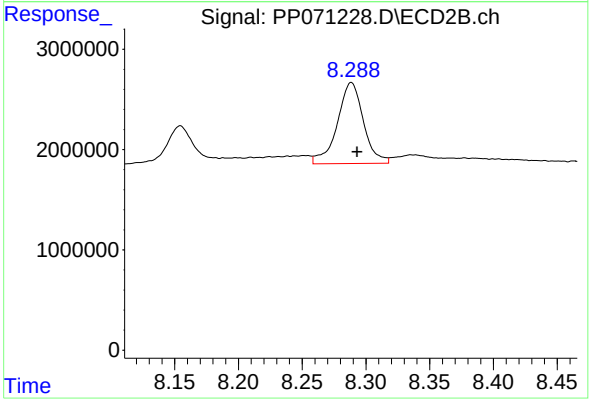
#43 AR-1268-3

R.T.: 7.995 min
Delta R.T.: -0.005 min
Response: 798511
Conc: 6.48 ng/ml



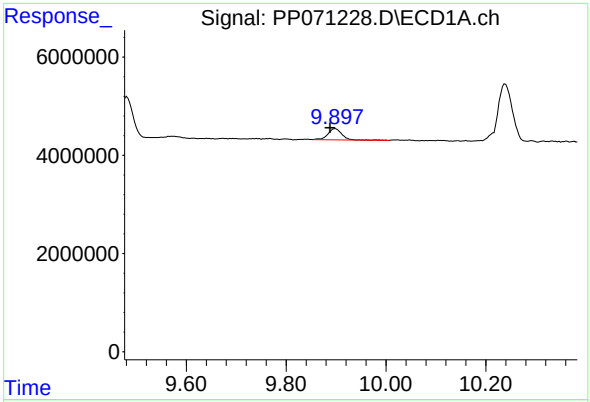
#44 AR-1268-4

R.T.: 9.481 min
Delta R.T.: 0.009 min
Response: 14400868
Conc: 203.55 ng/ml



#44 AR-1268-4

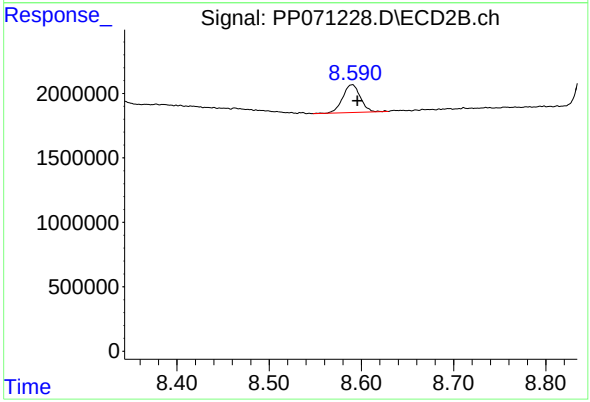
R.T.: 8.289 min
Delta R.T.: -0.004 min
Response: 11558280
Conc: 218.85 ng/ml



#45 AR-1268-5

R.T.: 9.898 min
Delta R.T.: 0.010 min
Response: 4496214
Conc: 9.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BS



#45 AR-1268-5

R.T.: 8.590 min
Delta R.T.: -0.006 min
Response: 2863423
Conc: 7.91 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041125\
Data File : PP071229.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Apr 2025 11:33
Operator : YP\AJ
Sample : PB167553BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB167553BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 00:16:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.515	3.814	32288369	23284123	22.091	22.461	
2)	SA Decachlor...	10.233	8.852	24299254	15539714	23.085	19.716	
	Target Compounds							
3)	L1 AR-1016-1	5.668	4.900	22829779	18879244	448.952	470.943	
4)	L1 AR-1016-2	5.689	4.919	35054112	26499185	449.103	457.948	
5)	L1 AR-1016-3	5.752	5.095	20895429	15017117	442.938	485.625	
6)	L1 AR-1016-4	5.849	5.137	17303684	11771695	470.775	483.320	
7)	L1 AR-1016-5	6.142	5.351	15891969	15089339	468.622	466.856	
8)	L2 AR-1221-1	4.710	4.023	2033789	1864117	117.197	122.289	
9)	L2 AR-1221-2	4.802	4.112	2764213	2462398	213.404	215.314	
10)	L2 AR-1221-3	4.877	4.187	11661320	10511641	279.532	308.359	
11)	L3 AR-1232-1	4.877	4.187	11661320	10511641	350.309	375.594	
12)	L3 AR-1232-2	5.403	4.919	16120192	26499185	1013.190	944.338	
13)	L3 AR-1232-3	5.689	5.095	35054112	15017117	1022.868	1008.565	
14)	L3 AR-1232-4	5.849	5.179	17303684	14616499	1101.614	1141.525	
15)	L3 AR-1232-5	5.940	5.351	13620174	15089339	1280.049	1064.520	
16)	L4 AR-1242-1	5.668	4.900	22829779	18879244	519.128	552.092	
17)	L4 AR-1242-2	5.689	4.919	35054112	26499185	545.027	537.970	
18)	L4 AR-1242-3	5.752	5.095	20895429	15017117	509.155	563.615	
19)	L4 AR-1242-4	5.849	5.179	17303684	14616499	566.900	554.112	
20)	L4 AR-1242-5	6.580	5.704	3722095	12296873	101.946	397.208	#
21)	L5 AR-1248-1	5.668	4.900	22829779	18879244	629.136	697.166	
22)	L5 AR-1248-2	5.940	5.137	13620174	11771695	303.084	320.558	
23)	L5 AR-1248-3	6.142	5.179	15891969	14616499	313.838	378.084	
24)	L5 AR-1248-4	6.517	5.351	16176138	15089339	252.171	334.271	#
25)	L5 AR-1248-5	6.580	5.744	3722095	2214089	61.172	51.878	
26)	L6 AR-1254-1	6.517	5.704	16176138	12296873	251.220	186.266	#
27)	L6 AR-1254-2	6.733	5.852	16714106	11463364	165.338	200.766	
28)	L6 AR-1254-3	7.096	6.271	9902097	19909159	99.291	229.259	#
29)	L6 AR-1254-4	7.380	6.485	7544193	2614006	87.119	46.595	#
30)	L6 AR-1254-5	7.795	6.902	59085681	34033270	735.345	471.697	#
31)	L7 AR-1260-1	7.260	6.387	35811926	25896968	533.290	505.738	
32)	L7 AR-1260-2	7.514	6.575	51979227	32109389	540.682	503.330	
33)	L7 AR-1260-3	7.873	6.728	35550680	28149008	444.838	516.620	
34)	L7 AR-1260-4	8.097	7.199	36009051	20720068	457.334	433.236	
35)	L7 AR-1260-5	8.417	7.441	68223595	49038535	429.387	393.851	
36)	L8 AR-1262-1	8.097	6.940	36009051	23640325	338.749	276.290	
37)	L8 AR-1262-2	8.417	7.199	68223595	20720068	343.899	302.640	
38)	L8 AR-1262-3	8.742	7.723	41164894	10289997	312.466	169.457	#
39)	L8 AR-1262-4	8.821	7.786	9020743	32700642	94.345	328.958	#
40)	L8 AR-1262-5	9.475	8.288	14729216	9997008	226.372	213.285	
41)	L9 AR-1268-1	8.742	7.723	41164894	10289997	174.792	60.034	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041125\
Data File : PP071229.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Apr 2025 11:33
Operator : YP\AJ
Sample : PB167553BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB167553BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 00:16:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	8.821	7.786	9020743	32700642	46.186	228.224 #
43)	L9 AR-1268-3	9.054	7.994	1185210	752784	6.935	6.113
44)	L9 AR-1268-4	9.475	8.288	14729216	9997008	208.195	189.290
45)	L9 AR-1268-5	9.893	8.588	4718031	3003745	9.908	8.301

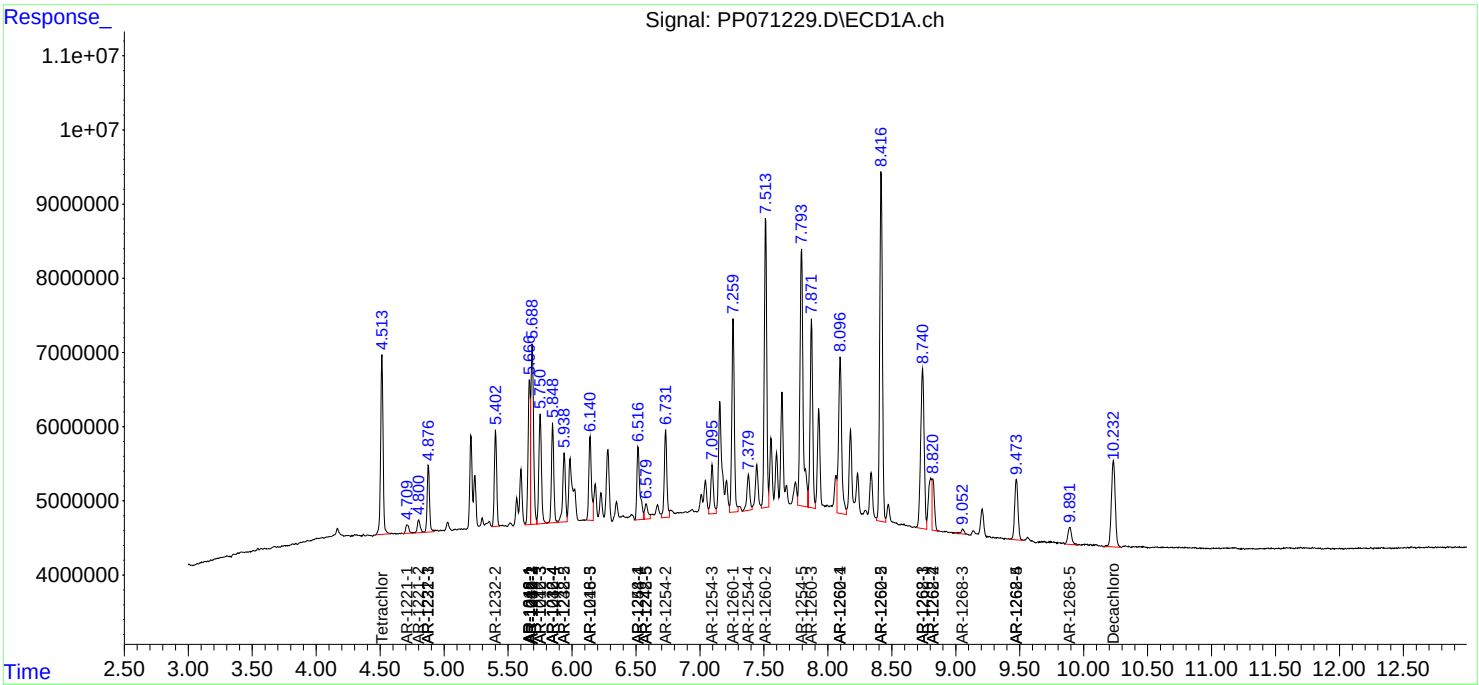
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

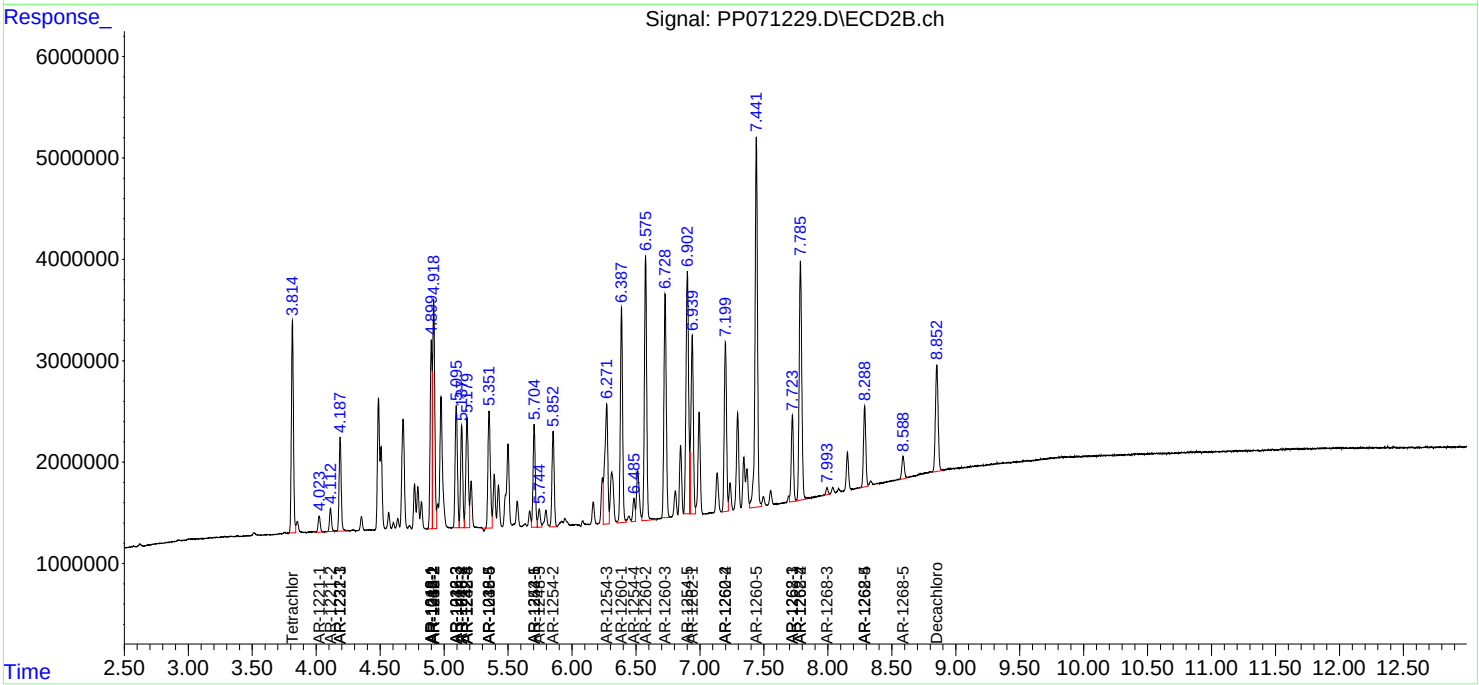
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041125\
Data File : PP071229.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Apr 2025 11:33
Operator : YP\AJ
Sample : PB167553BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

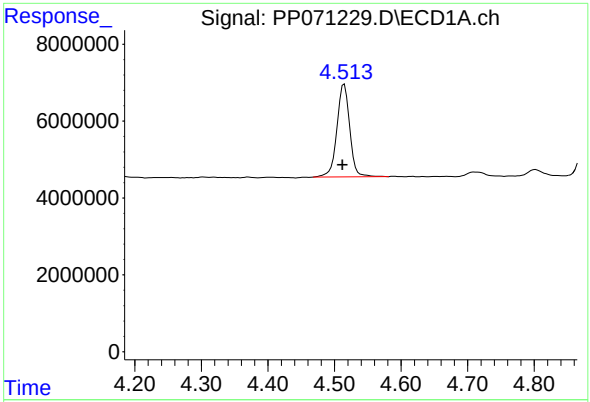
Instrument :
ECD_P
ClientSampleId :
PB167553BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 00:16:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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



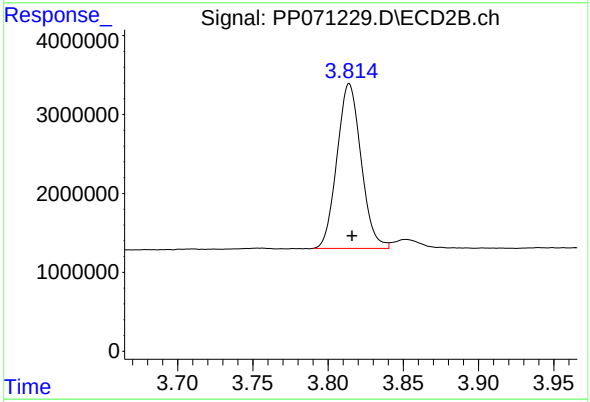




#1 Tetrachloro-m-xylene

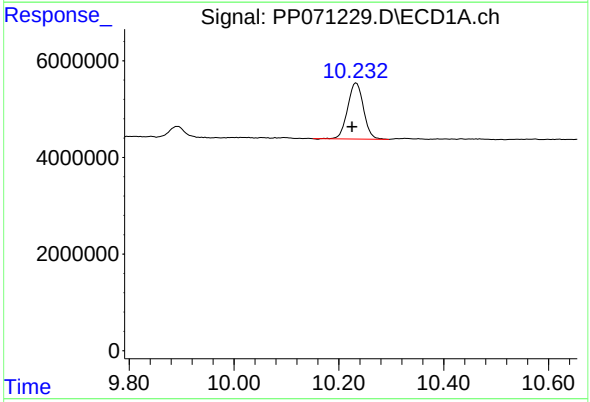
R.T.: 4.515 min
Delta R.T.: 0.003 min
Response: 32288369
Conc: 22.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BSD



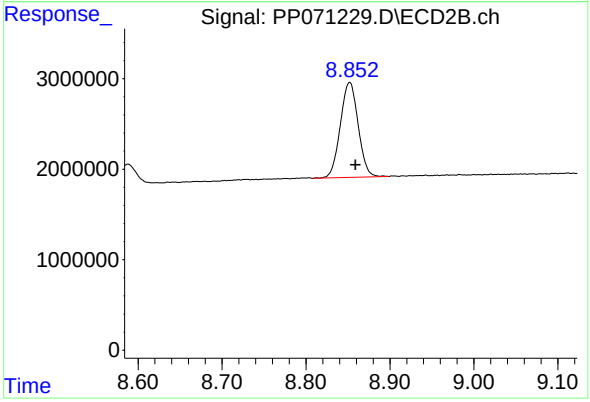
#1 Tetrachloro-m-xylene

R.T.: 3.814 min
Delta R.T.: -0.002 min
Response: 23284123
Conc: 22.46 ng/ml



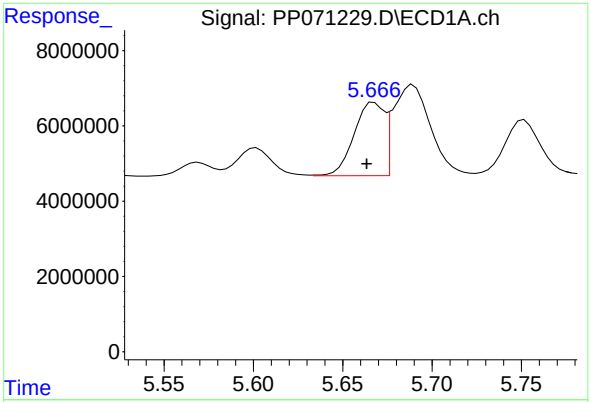
#2 Decachlorobiphenyl

R.T.: 10.233 min
Delta R.T.: 0.008 min
Response: 24299254
Conc: 23.08 ng/ml



#2 Decachlorobiphenyl

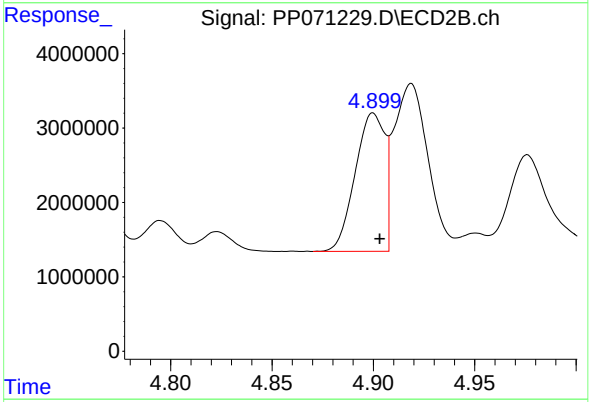
R.T.: 8.852 min
Delta R.T.: -0.007 min
Response: 15539714
Conc: 19.72 ng/ml



#3 AR-1016-1

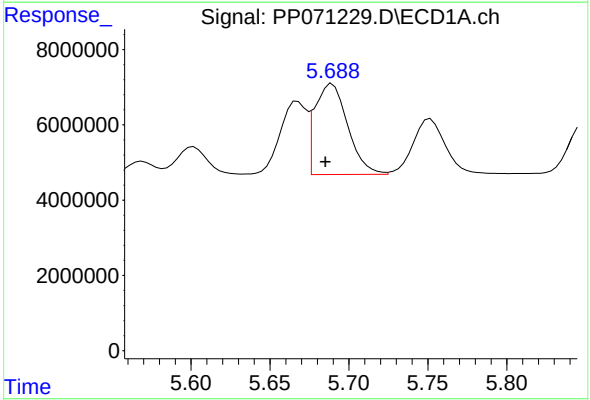
R.T.: 5.668 min
Delta R.T.: 0.004 min
Response: 22829779
Conc: 448.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BSD



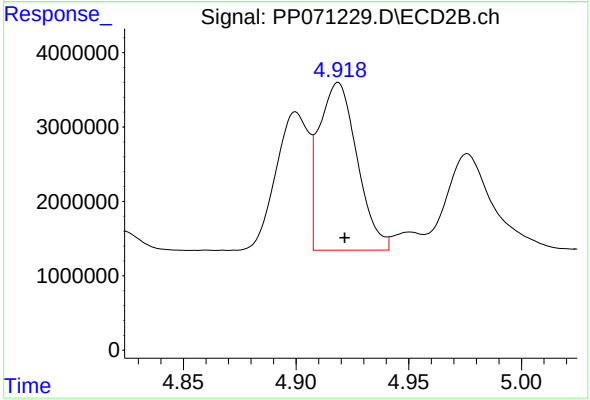
#3 AR-1016-1

R.T.: 4.900 min
Delta R.T.: -0.003 min
Response: 18879244
Conc: 470.94 ng/ml



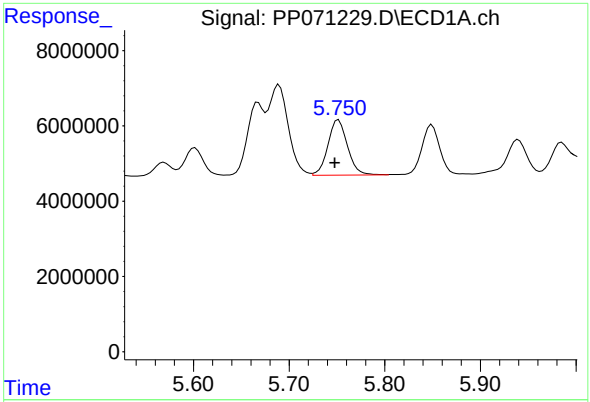
#4 AR-1016-2

R.T.: 5.689 min
Delta R.T.: 0.004 min
Response: 35054112
Conc: 449.10 ng/ml



#4 AR-1016-2

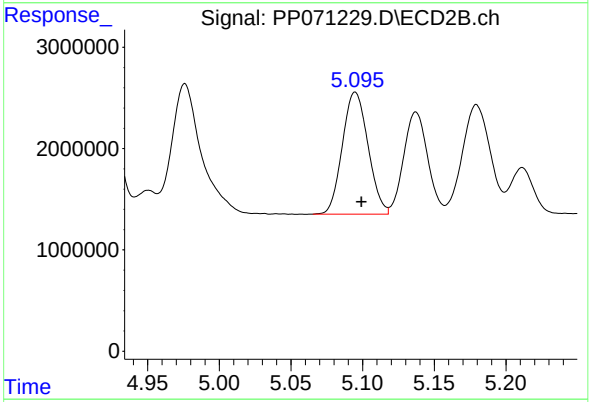
R.T.: 4.919 min
Delta R.T.: -0.003 min
Response: 26499185
Conc: 457.95 ng/ml



#5 AR-1016-3

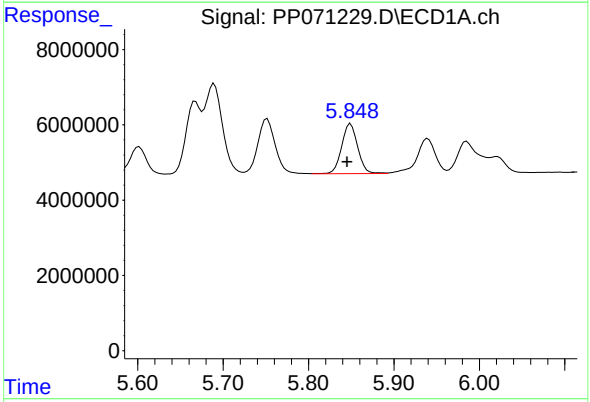
R.T.: 5.752 min
Delta R.T.: 0.004 min
Response: 20895429
Conc: 442.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BSD



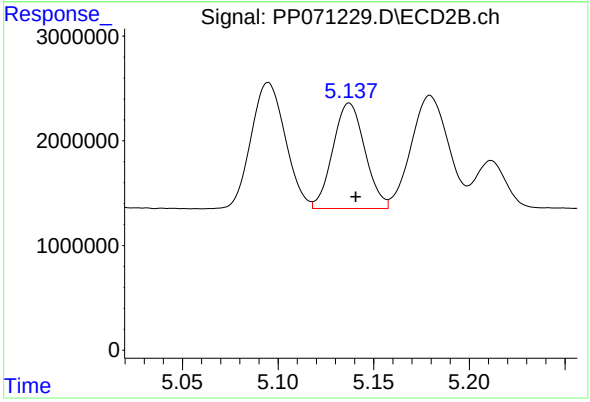
#5 AR-1016-3

R.T.: 5.095 min
Delta R.T.: -0.004 min
Response: 15017117
Conc: 485.62 ng/ml



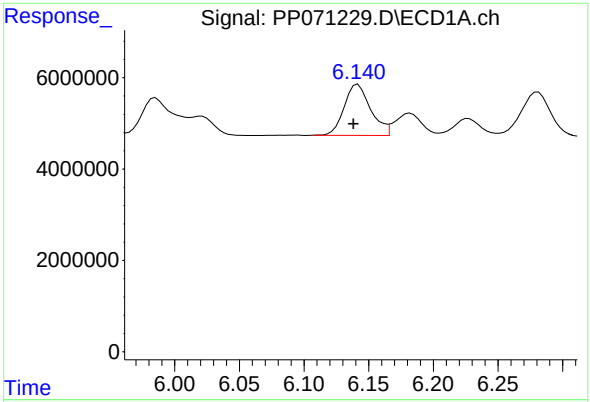
#6 AR-1016-4

R.T.: 5.849 min
Delta R.T.: 0.004 min
Response: 17303684
Conc: 470.78 ng/ml



#6 AR-1016-4

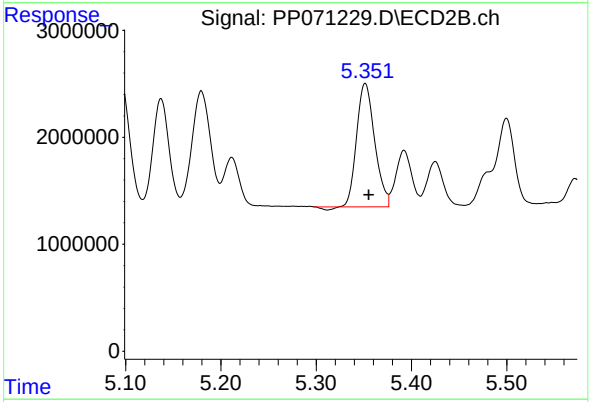
R.T.: 5.137 min
Delta R.T.: -0.003 min
Response: 11771695
Conc: 483.32 ng/ml



#7 AR-1016-5

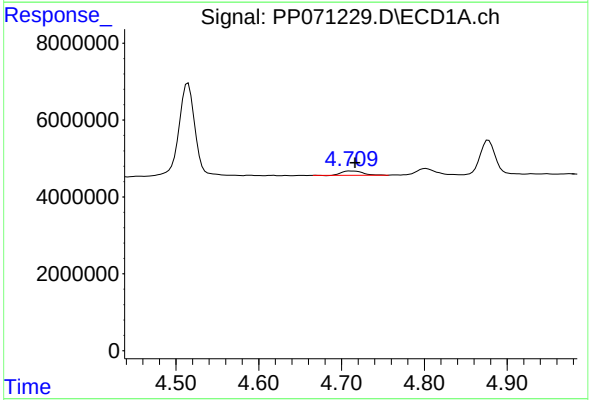
R.T.: 6.142 min
Delta R.T.: 0.004 min
Response: 15891969
Conc: 468.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BSD



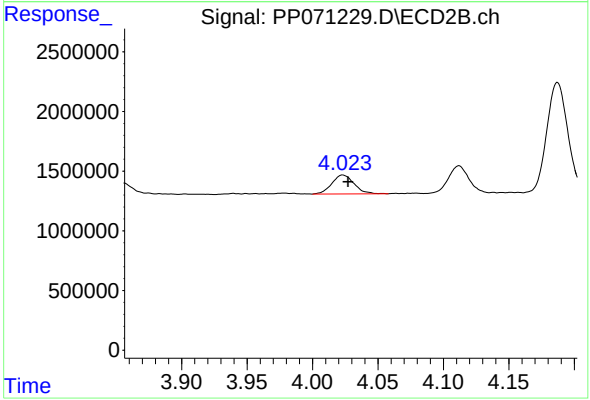
#7 AR-1016-5

R.T.: 5.351 min
Delta R.T.: -0.004 min
Response: 15089339
Conc: 466.86 ng/ml



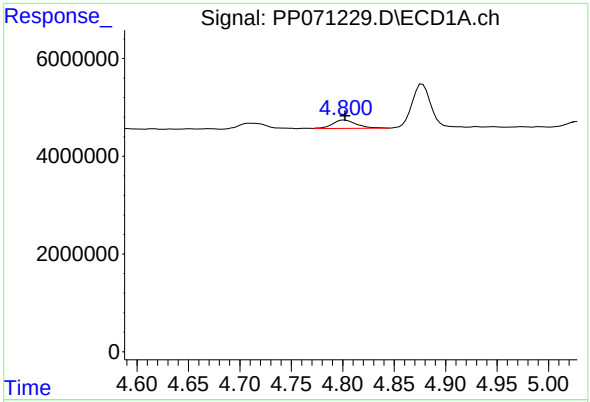
#8 AR-1221-1

R.T.: 4.710 min
Delta R.T.: -0.006 min
Response: 2033789
Conc: 117.20 ng/ml



#8 AR-1221-1

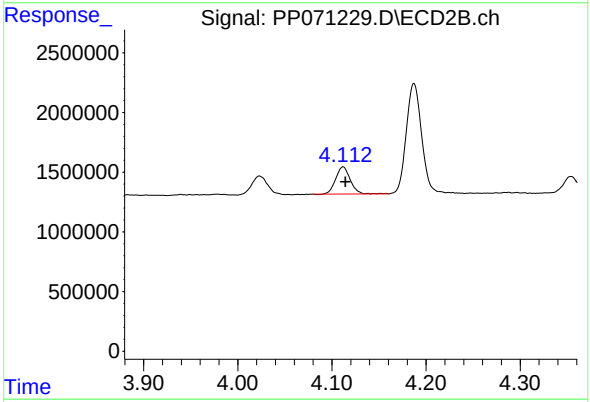
R.T.: 4.023 min
Delta R.T.: -0.004 min
Response: 1864117
Conc: 122.29 ng/ml



#9 AR-1221-2

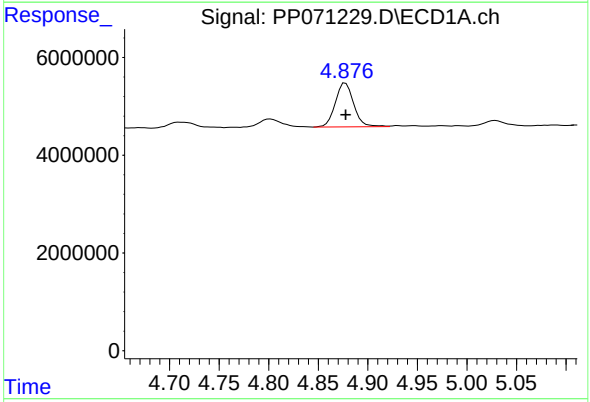
R.T.: 4.802 min
Delta R.T.: 0.000 min
Response: 2764213
Conc: 213.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BSD



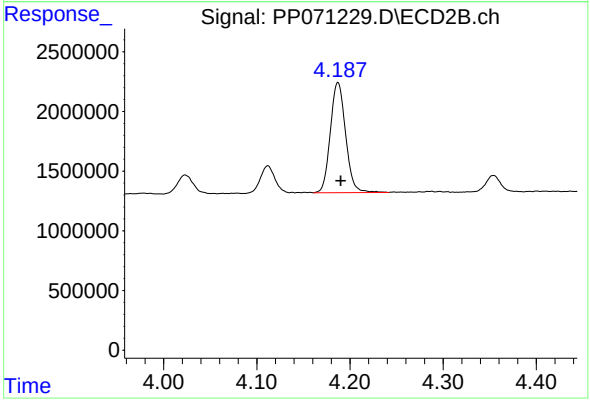
#9 AR-1221-2

R.T.: 4.112 min
Delta R.T.: -0.002 min
Response: 2462398
Conc: 215.31 ng/ml



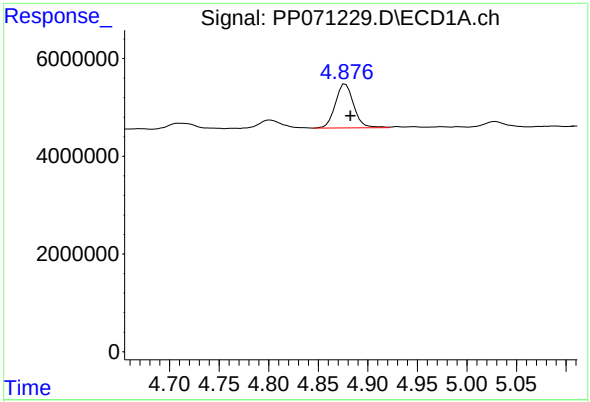
#10 AR-1221-3

R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 11661320
Conc: 279.53 ng/ml



#10 AR-1221-3

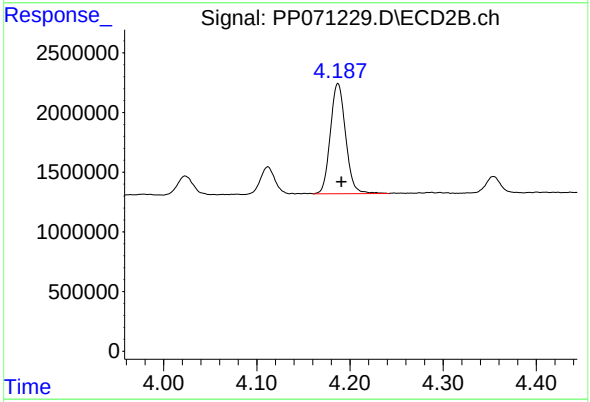
R.T.: 4.187 min
Delta R.T.: -0.003 min
Response: 10511641
Conc: 308.36 ng/ml



#11 AR-1232-1

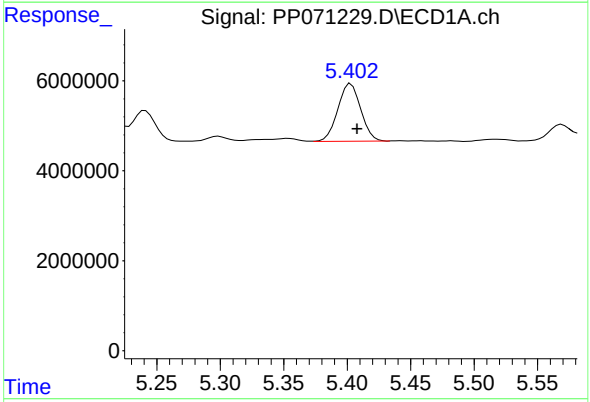
R.T.: 4.877 min
Delta R.T.: -0.005 min
Response: 11661320
Conc: 350.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BSD



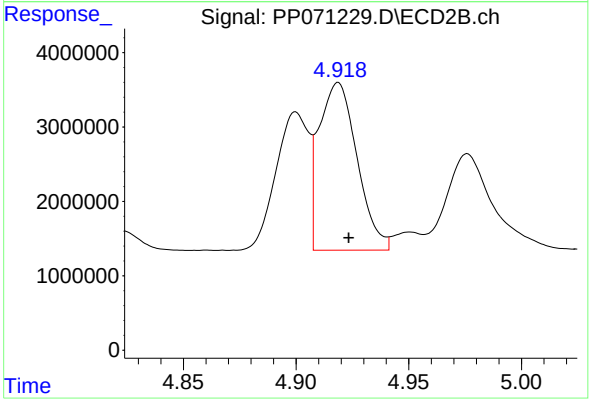
#11 AR-1232-1

R.T.: 4.187 min
Delta R.T.: -0.004 min
Response: 10511641
Conc: 375.59 ng/ml



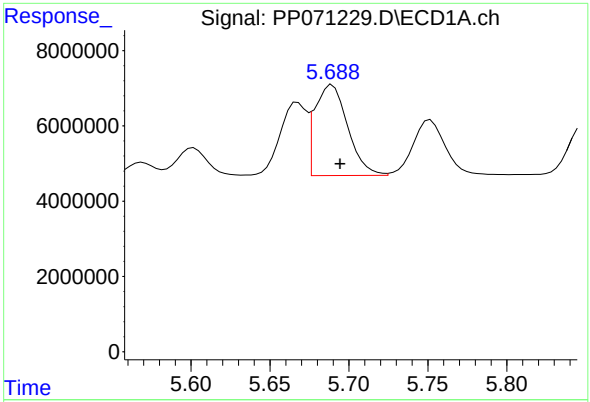
#12 AR-1232-2

R.T.: 5.403 min
Delta R.T.: -0.005 min
Response: 16120192
Conc: 1013.19 ng/ml



#12 AR-1232-2

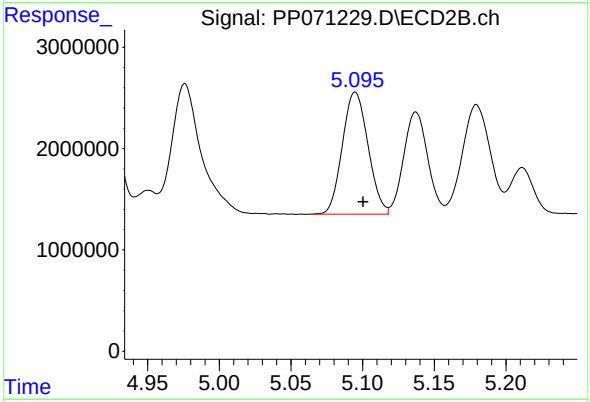
R.T.: 4.919 min
Delta R.T.: -0.005 min
Response: 26499185
Conc: 944.34 ng/ml



#13 AR-1232-3

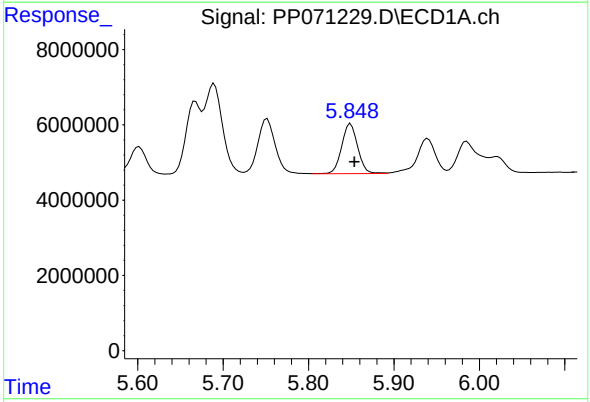
R.T.: 5.689 min
Delta R.T.: -0.005 min
Response: 35054112
Conc: 1022.87 ng/m

Instrument :
ECD_P
ClientSampleId :
PB167553BSD



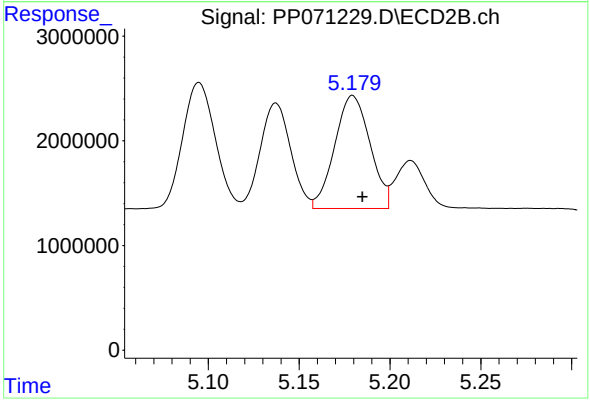
#13 AR-1232-3

R.T.: 5.095 min
Delta R.T.: -0.005 min
Response: 15017117
Conc: 1008.57 ng/ml



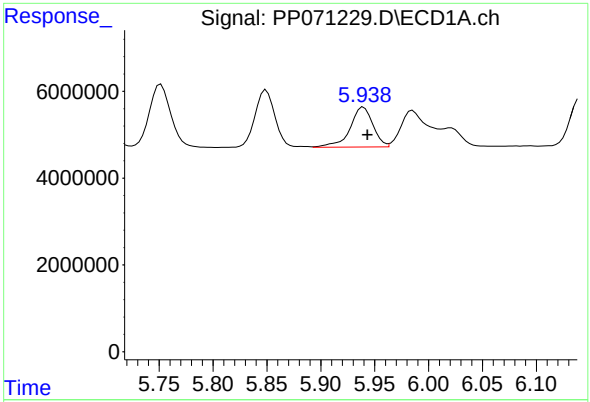
#14 AR-1232-4

R.T.: 5.849 min
Delta R.T.: -0.005 min
Response: 17303684
Conc: 1101.61 ng/ml



#14 AR-1232-4

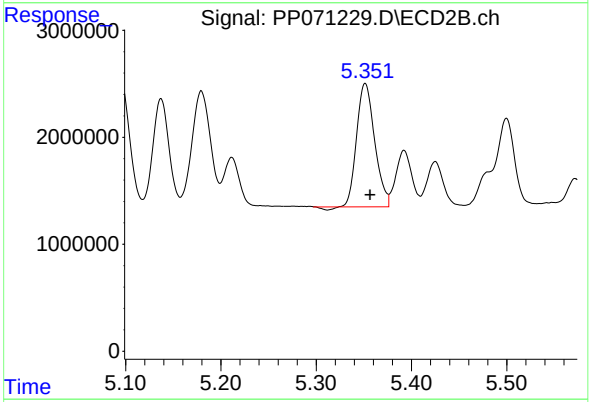
R.T.: 5.179 min
Delta R.T.: -0.005 min
Response: 14616499
Conc: 1141.52 ng/ml



#15 AR-1232-5

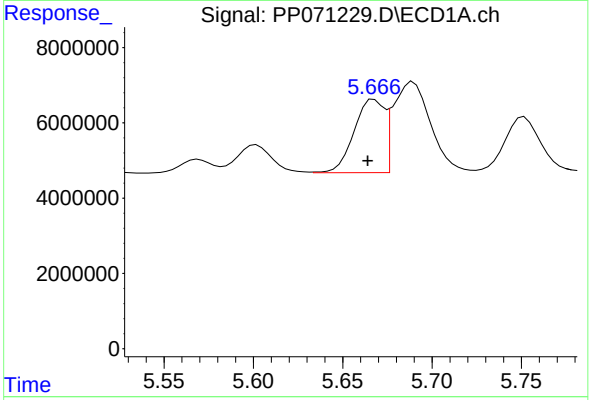
R.T.: 5.940 min
Delta R.T.: -0.004 min
Response: 13620174
Conc: 1280.05 ng/m

Instrument :
ECD_P
ClientSampleId :
PB167553BSD



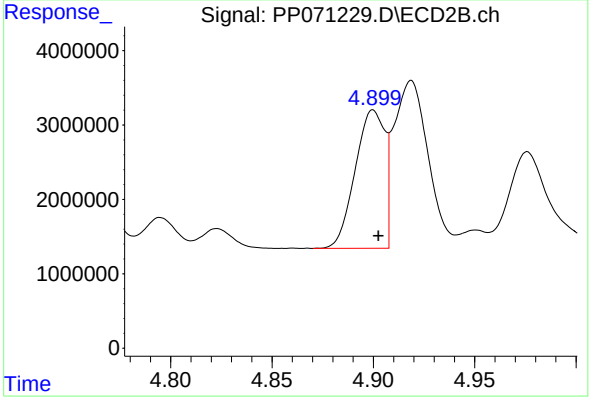
#15 AR-1232-5

R.T.: 5.351 min
Delta R.T.: -0.005 min
Response: 15089339
Conc: 1064.52 ng/ml



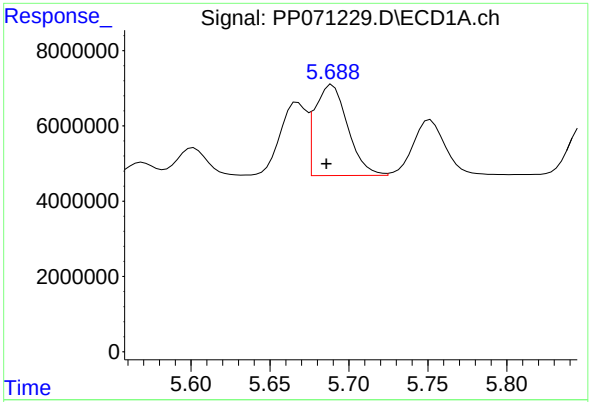
#16 AR-1242-1

R.T.: 5.668 min
Delta R.T.: 0.004 min
Response: 22829779
Conc: 519.13 ng/ml



#16 AR-1242-1

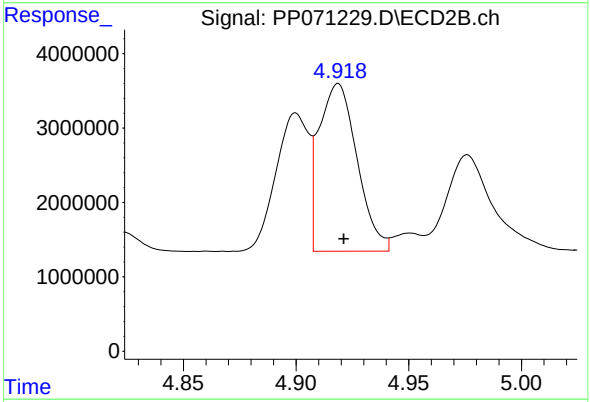
R.T.: 4.900 min
Delta R.T.: -0.002 min
Response: 18879244
Conc: 552.09 ng/ml



#17 AR-1242-2

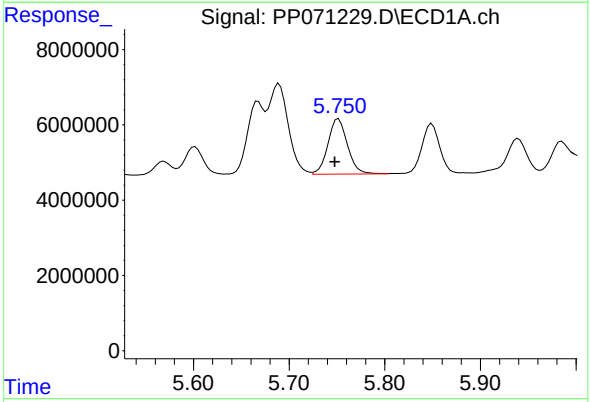
R.T.: 5.689 min
Delta R.T.: 0.004 min
Response: 35054112
Conc: 545.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BSD



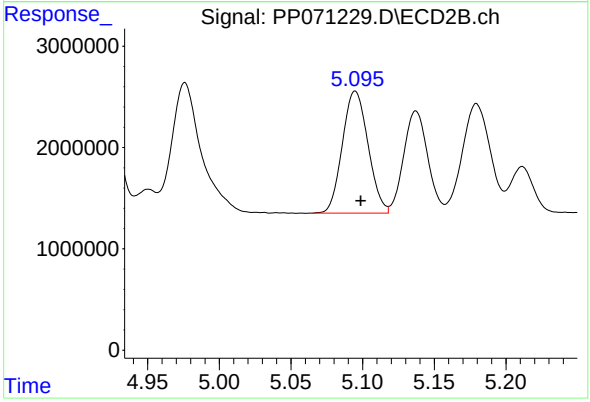
#17 AR-1242-2

R.T.: 4.919 min
Delta R.T.: -0.002 min
Response: 26499185
Conc: 537.97 ng/ml



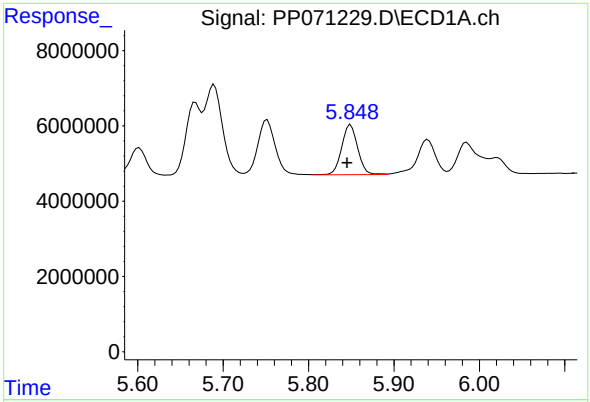
#18 AR-1242-3

R.T.: 5.752 min
Delta R.T.: 0.004 min
Response: 20895429
Conc: 509.15 ng/ml



#18 AR-1242-3

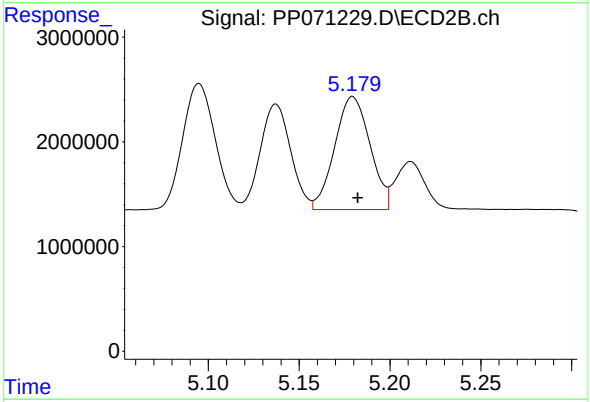
R.T.: 5.095 min
Delta R.T.: -0.004 min
Response: 15017117
Conc: 563.62 ng/ml



#19 AR-1242-4

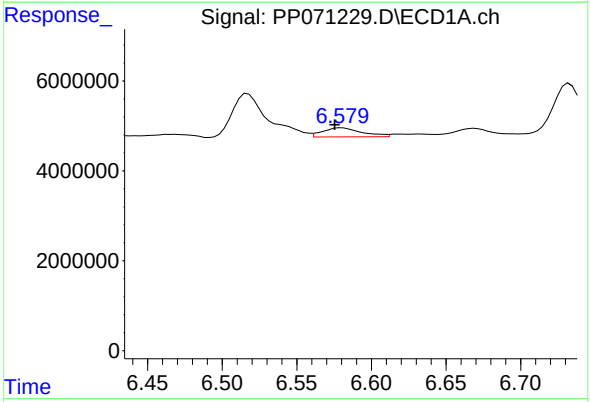
R.T.: 5.849 min
Delta R.T.: 0.004 min
Response: 17303684
Conc: 566.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BSD



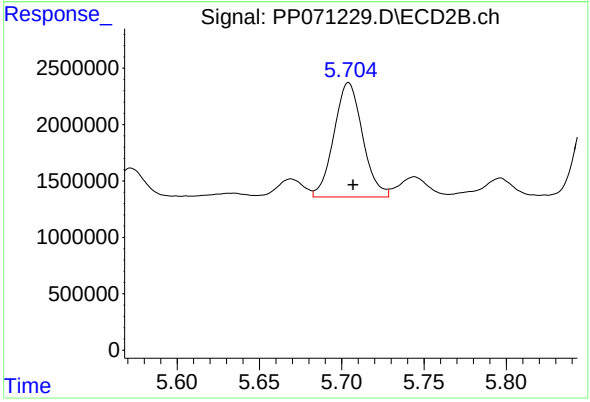
#19 AR-1242-4

R.T.: 5.179 min
Delta R.T.: -0.003 min
Response: 14616499
Conc: 554.11 ng/ml



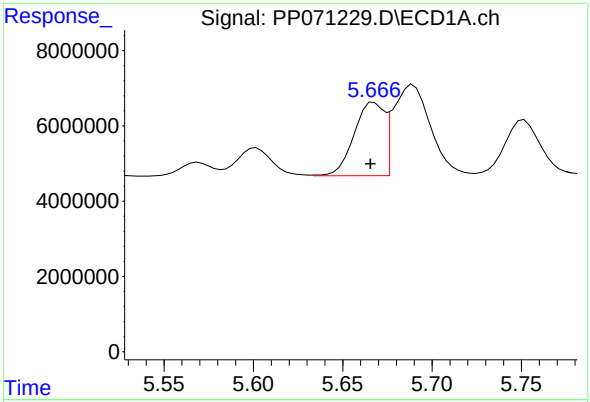
#20 AR-1242-5

R.T.: 6.580 min
Delta R.T.: 0.005 min
Response: 3722095
Conc: 101.95 ng/ml



#20 AR-1242-5

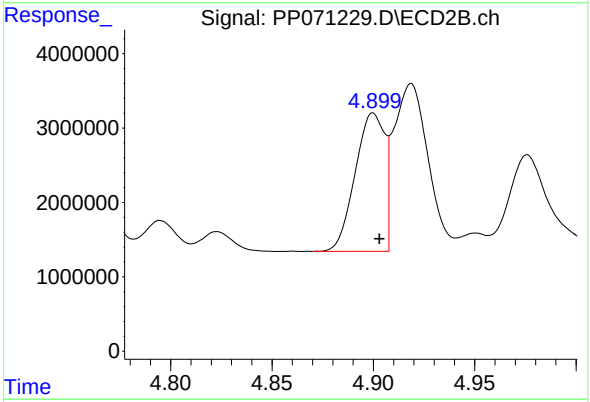
R.T.: 5.704 min
Delta R.T.: -0.003 min
Response: 12296873
Conc: 397.21 ng/ml



#21 AR-1248-1

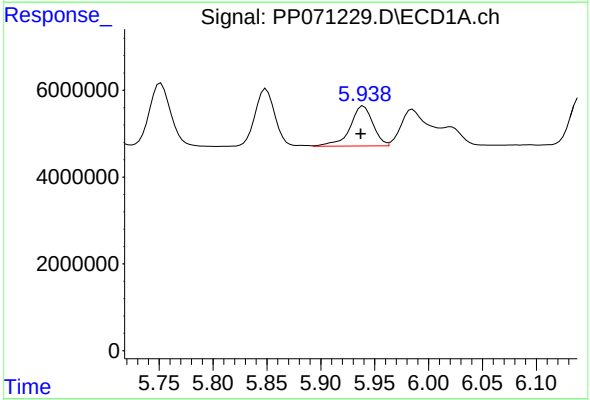
R.T.: 5.668 min
Delta R.T.: 0.002 min
Response: 22829779
Conc: 629.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BSD



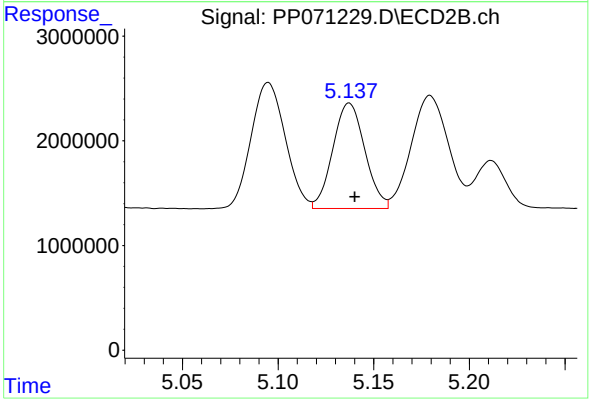
#21 AR-1248-1

R.T.: 4.900 min
Delta R.T.: -0.003 min
Response: 18879244
Conc: 697.17 ng/ml



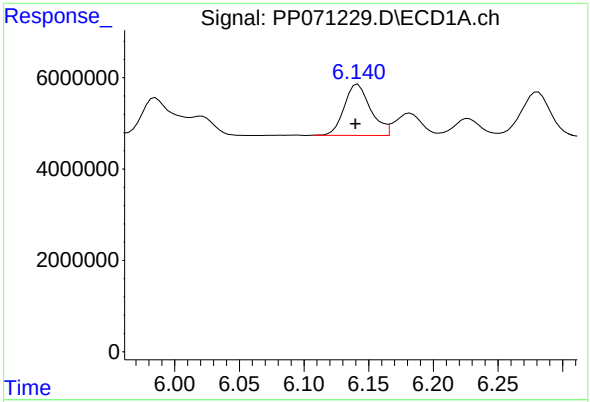
#22 AR-1248-2

R.T.: 5.940 min
Delta R.T.: 0.003 min
Response: 13620174
Conc: 303.08 ng/ml



#22 AR-1248-2

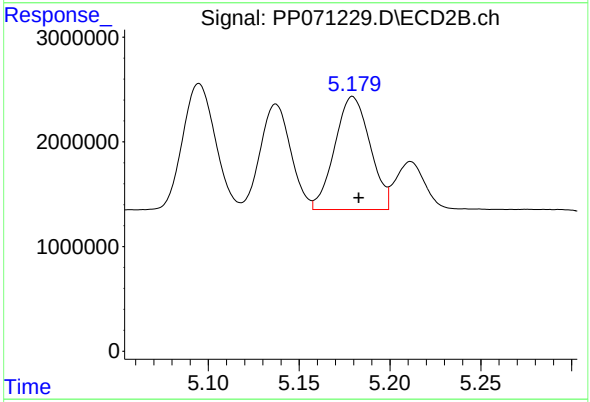
R.T.: 5.137 min
Delta R.T.: -0.003 min
Response: 11771695
Conc: 320.56 ng/ml



#23 AR-1248-3

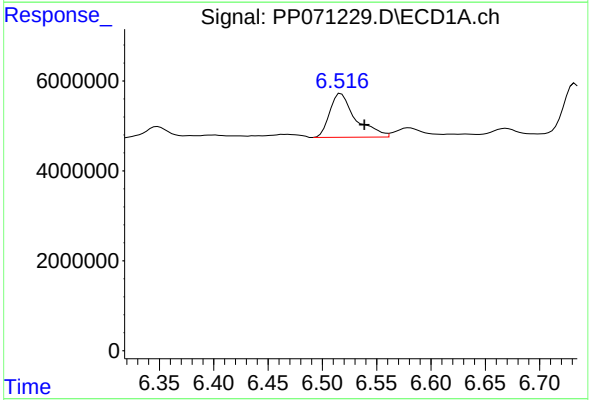
R.T.: 6.142 min
Delta R.T.: 0.002 min
Response: 15891969
Conc: 313.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BSD



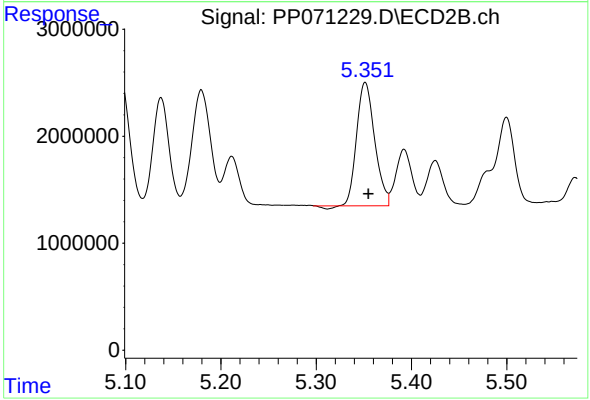
#23 AR-1248-3

R.T.: 5.179 min
Delta R.T.: -0.003 min
Response: 14616499
Conc: 378.08 ng/ml



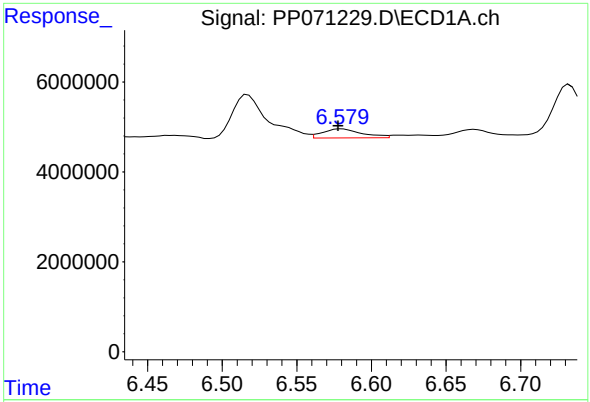
#24 AR-1248-4

R.T.: 6.517 min
Delta R.T.: -0.022 min
Response: 16176138
Conc: 252.17 ng/ml



#24 AR-1248-4

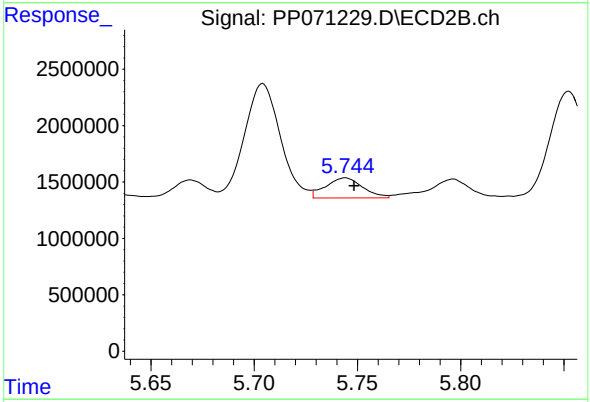
R.T.: 5.351 min
Delta R.T.: -0.003 min
Response: 15089339
Conc: 334.27 ng/ml



#25 AR-1248-5

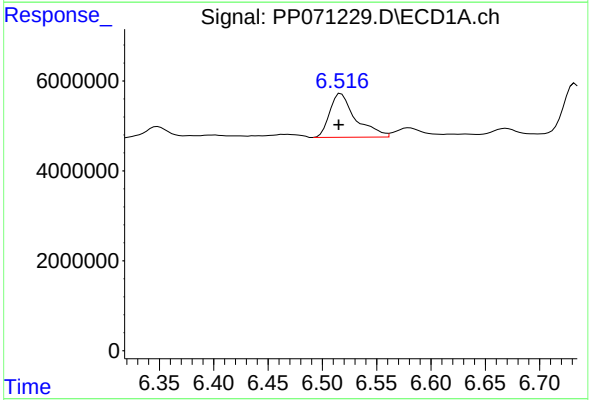
R.T.: 6.580 min
Delta R.T.: 0.002 min
Response: 3722095
Conc: 61.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BSD



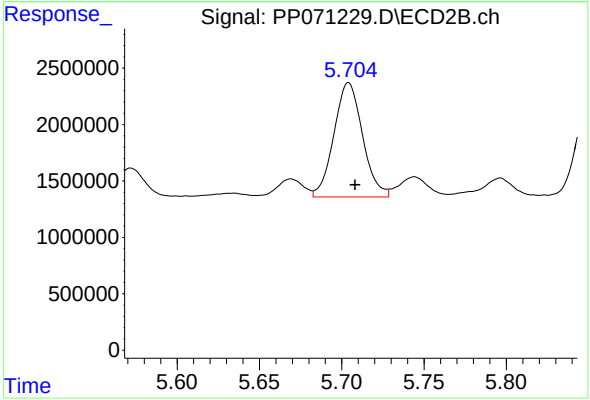
#25 AR-1248-5

R.T.: 5.744 min
Delta R.T.: -0.004 min
Response: 2214089
Conc: 51.88 ng/ml



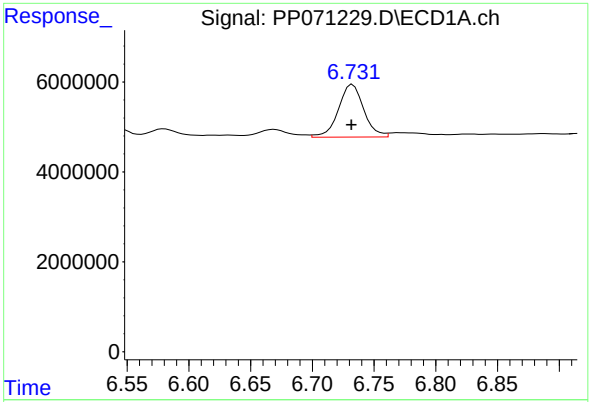
#26 AR-1254-1

R.T.: 6.517 min
Delta R.T.: 0.002 min
Response: 16176138
Conc: 251.22 ng/ml



#26 AR-1254-1

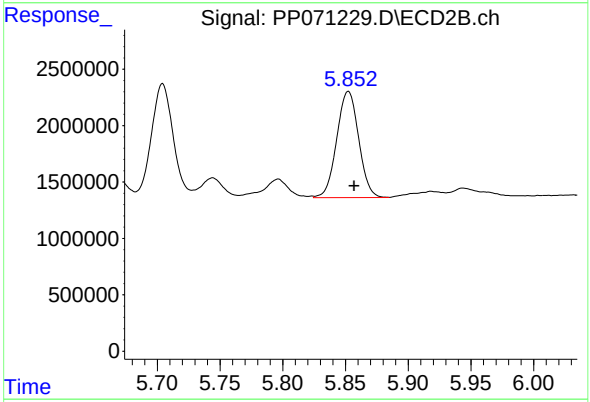
R.T.: 5.704 min
Delta R.T.: -0.004 min
Response: 12296873
Conc: 186.27 ng/ml



#27 AR-1254-2

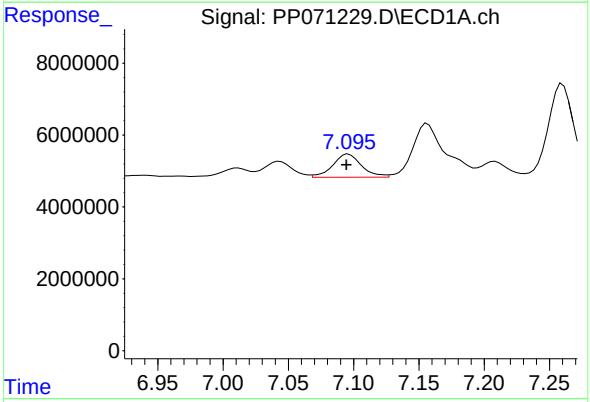
R.T.: 6.733 min
Delta R.T.: 0.001 min
Response: 16714106
Conc: 165.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BSD



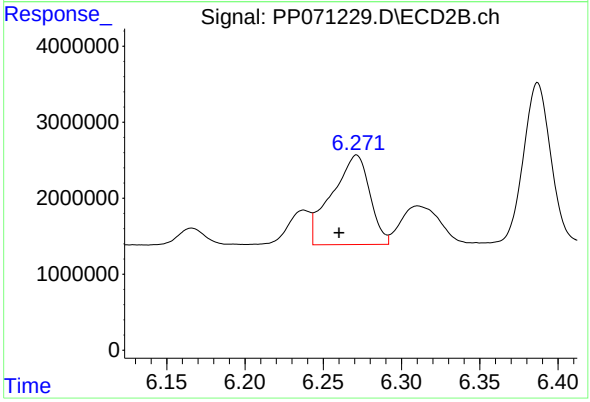
#27 AR-1254-2

R.T.: 5.852 min
Delta R.T.: -0.005 min
Response: 11463364
Conc: 200.77 ng/ml



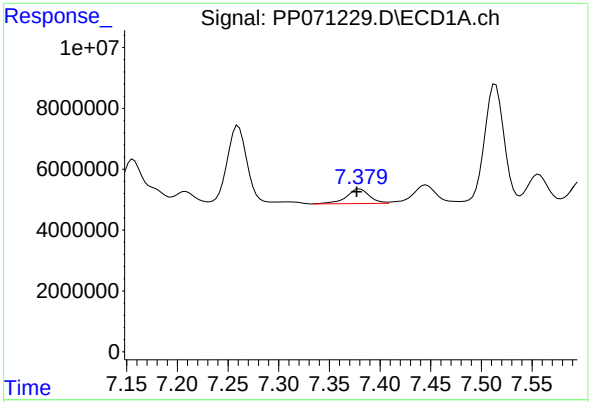
#28 AR-1254-3

R.T.: 7.096 min
Delta R.T.: 0.001 min
Response: 9902097
Conc: 99.29 ng/ml



#28 AR-1254-3

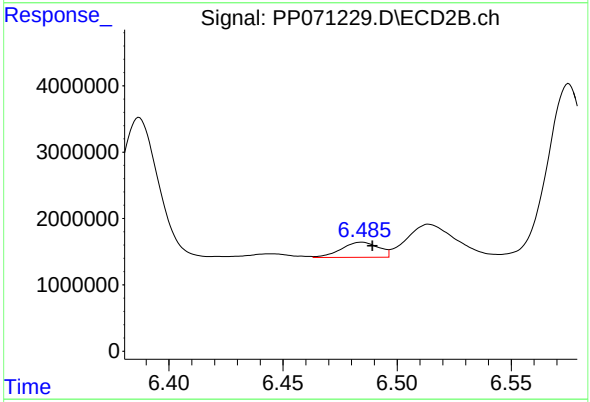
R.T.: 6.271 min
Delta R.T.: 0.011 min
Response: 19909159
Conc: 229.26 ng/ml



#29 AR-1254-4

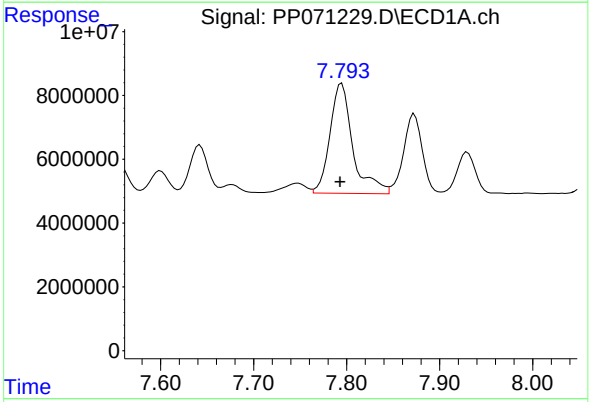
R.T.: 7.380 min
Delta R.T.: 0.003 min
Response: 7544193
Conc: 87.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BSD



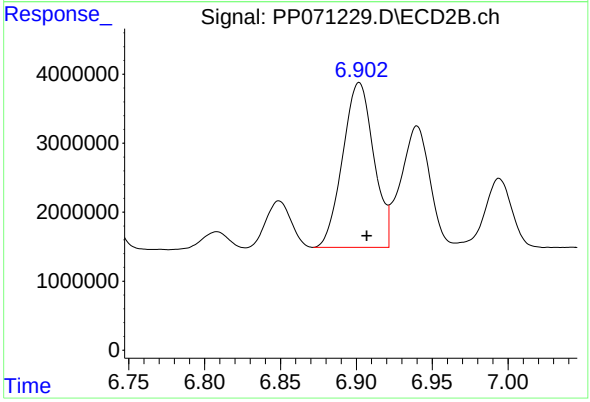
#29 AR-1254-4

R.T.: 6.485 min
Delta R.T.: -0.005 min
Response: 2614006
Conc: 46.60 ng/ml



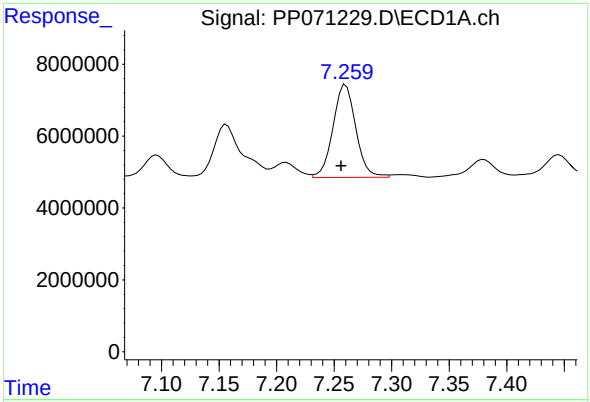
#30 AR-1254-5

R.T.: 7.795 min
Delta R.T.: 0.002 min
Response: 59085681
Conc: 735.34 ng/ml



#30 AR-1254-5

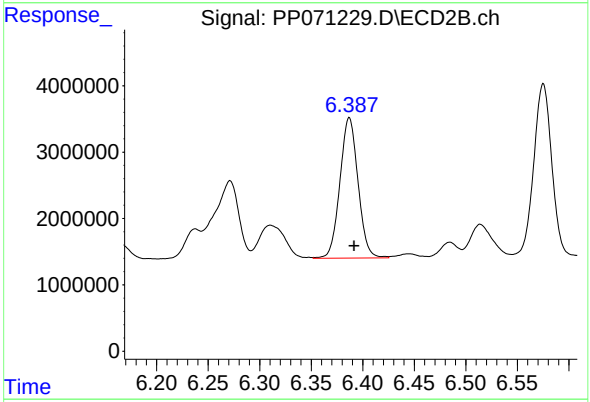
R.T.: 6.902 min
Delta R.T.: -0.005 min
Response: 34033270
Conc: 471.70 ng/ml



#31 AR-1260-1

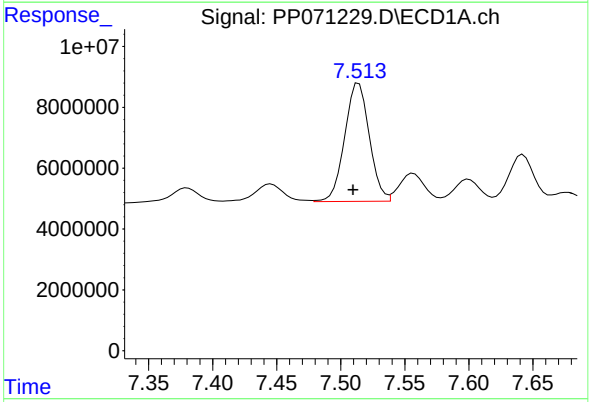
R.T.: 7.260 min
Delta R.T.: 0.004 min
Response: 35811926
Conc: 533.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BSD



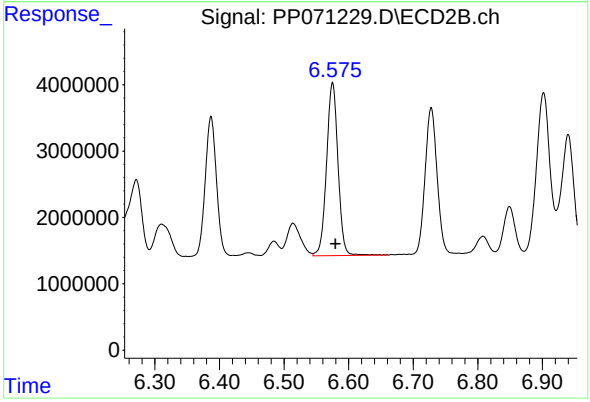
#31 AR-1260-1

R.T.: 6.387 min
Delta R.T.: -0.005 min
Response: 25896968
Conc: 505.74 ng/ml



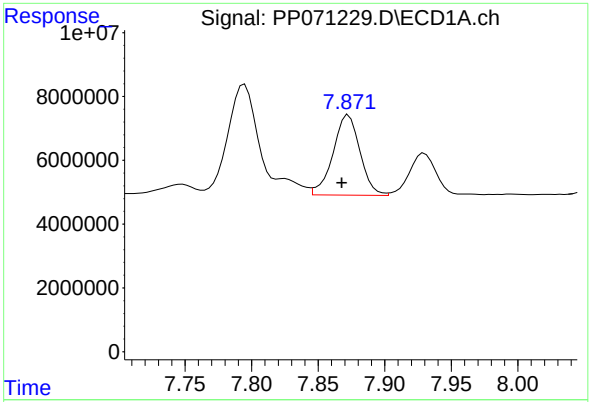
#32 AR-1260-2

R.T.: 7.514 min
Delta R.T.: 0.004 min
Response: 51979227
Conc: 540.68 ng/ml



#32 AR-1260-2

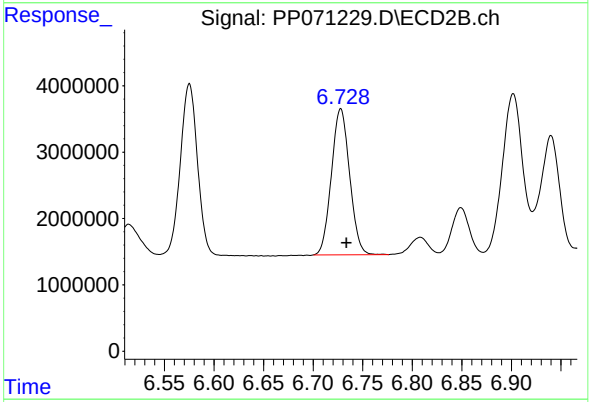
R.T.: 6.575 min
Delta R.T.: -0.005 min
Response: 32109389
Conc: 503.33 ng/ml



#33 AR-1260-3

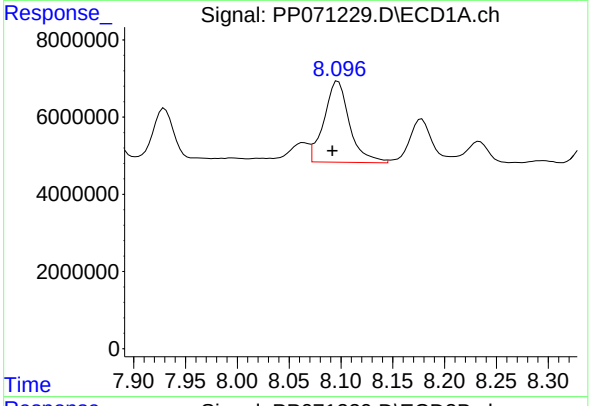
R.T.: 7.873 min
Delta R.T.: 0.005 min
Response: 35550680
Conc: 444.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BSD



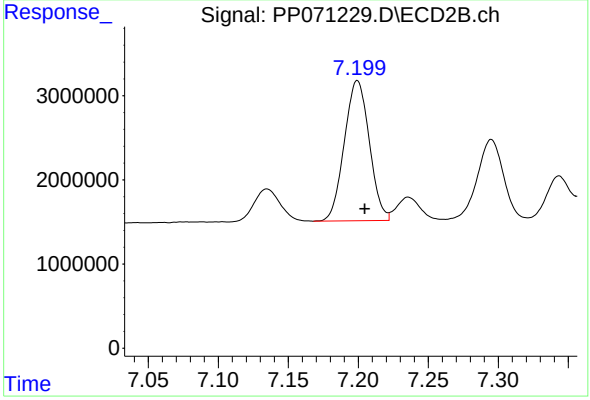
#33 AR-1260-3

R.T.: 6.728 min
Delta R.T.: -0.006 min
Response: 28149008
Conc: 516.62 ng/ml



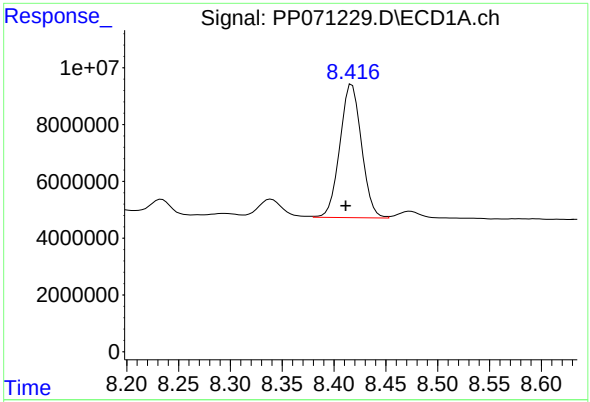
#34 AR-1260-4

R.T.: 8.097 min
Delta R.T.: 0.005 min
Response: 36009051
Conc: 457.33 ng/ml



#34 AR-1260-4

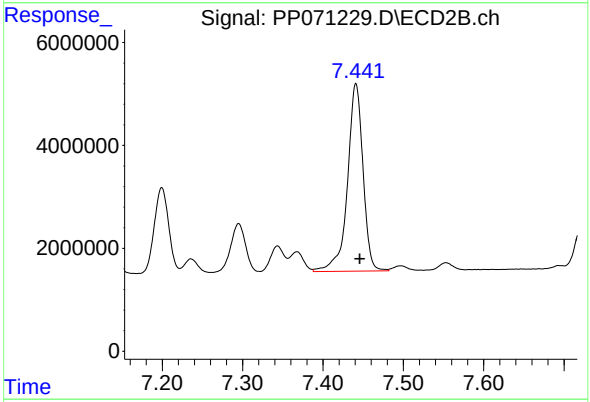
R.T.: 7.199 min
Delta R.T.: -0.005 min
Response: 20720068
Conc: 433.24 ng/ml



#35 AR-1260-5

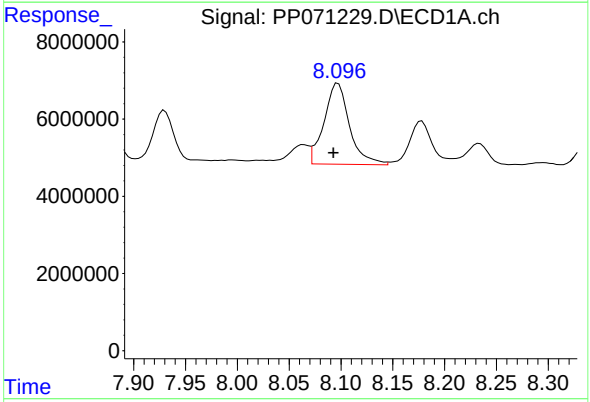
R.T.: 8.417 min
Delta R.T.: 0.006 min
Response: 68223595
Conc: 429.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BSD



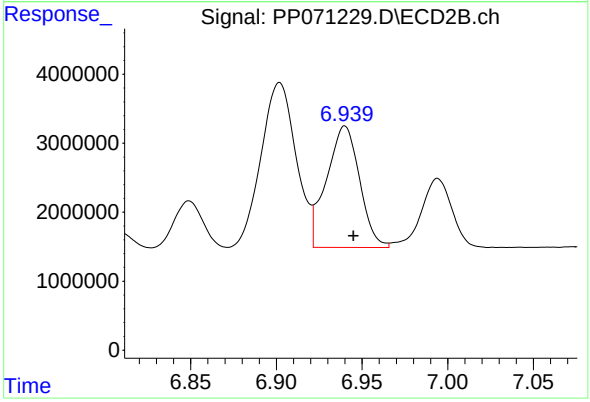
#35 AR-1260-5

R.T.: 7.441 min
Delta R.T.: -0.005 min
Response: 49038535
Conc: 393.85 ng/ml



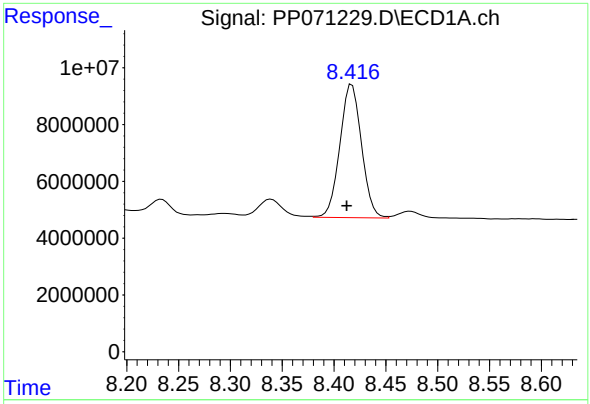
#36 AR-1262-1

R.T.: 8.097 min
Delta R.T.: 0.004 min
Response: 36009051
Conc: 338.75 ng/ml



#36 AR-1262-1

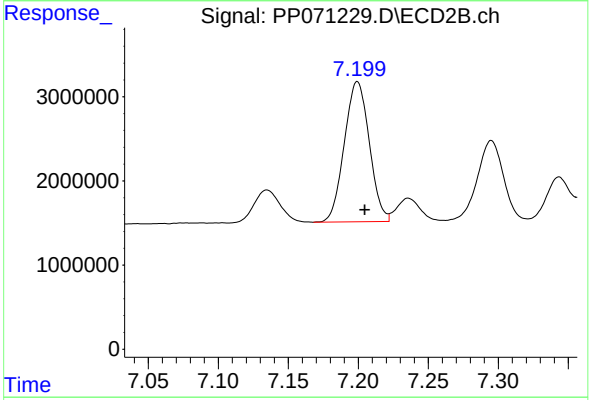
R.T.: 6.940 min
Delta R.T.: -0.005 min
Response: 23640325
Conc: 276.29 ng/ml



#37 AR-1262-2

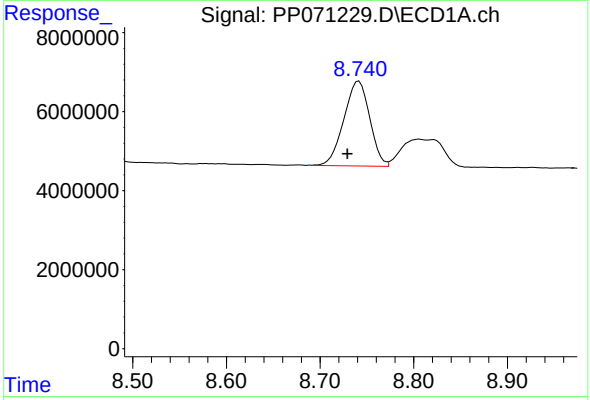
R.T.: 8.417 min
Delta R.T.: 0.005 min
Response: 68223595
Conc: 343.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BSD



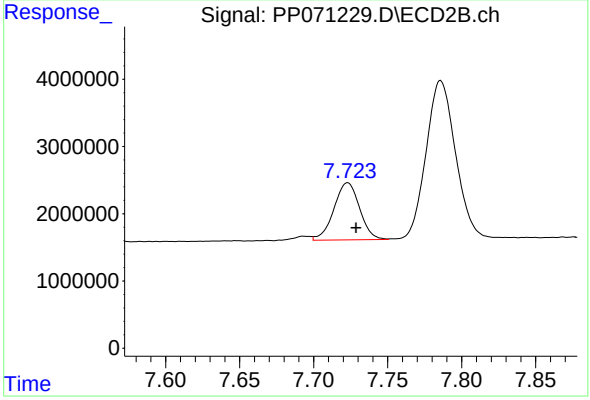
#37 AR-1262-2

R.T.: 7.199 min
Delta R.T.: -0.005 min
Response: 20720068
Conc: 302.64 ng/ml



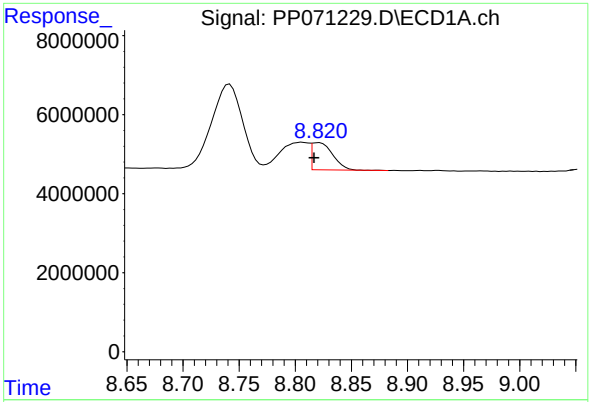
#38 AR-1262-3

R.T.: 8.742 min
Delta R.T.: 0.012 min
Response: 41164894
Conc: 312.47 ng/ml



#38 AR-1262-3

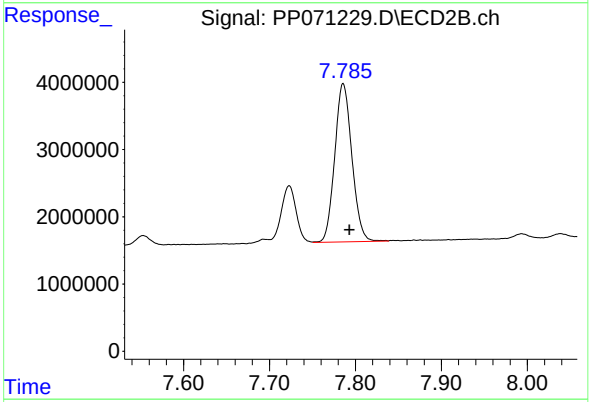
R.T.: 7.723 min
Delta R.T.: -0.006 min
Response: 10289997
Conc: 169.46 ng/ml



#39 AR-1262-4

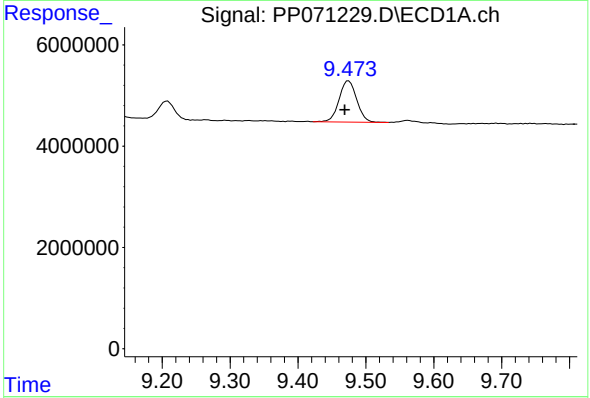
R.T.: 8.821 min
Delta R.T.: 0.005 min
Response: 9020743
Conc: 94.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BSD



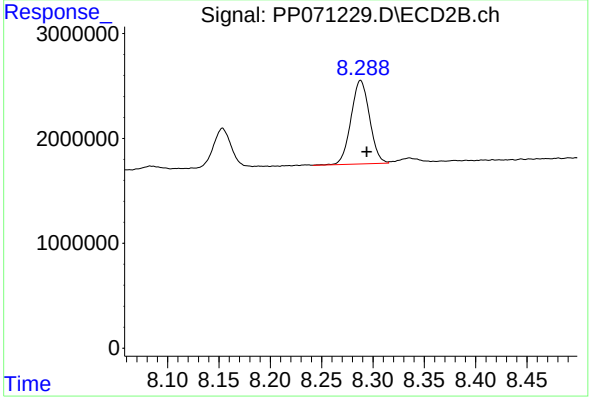
#39 AR-1262-4

R.T.: 7.786 min
Delta R.T.: -0.007 min
Response: 32700642
Conc: 328.96 ng/ml



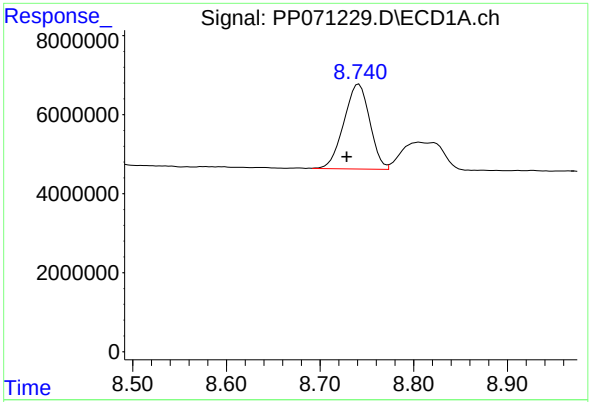
#40 AR-1262-5

R.T.: 9.475 min
Delta R.T.: 0.006 min
Response: 14729216
Conc: 226.37 ng/ml



#40 AR-1262-5

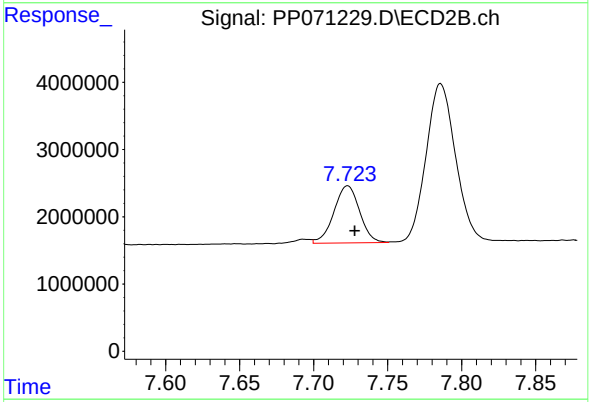
R.T.: 8.288 min
Delta R.T.: -0.006 min
Response: 9997008
Conc: 213.28 ng/ml



#41 AR-1268-1

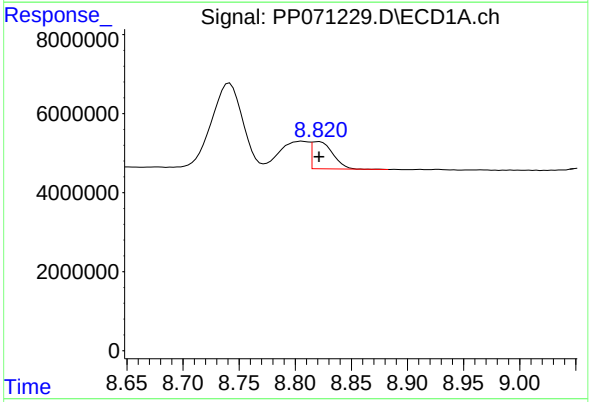
R.T.: 8.742 min
Delta R.T.: 0.013 min
Response: 41164894
Conc: 174.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BSD



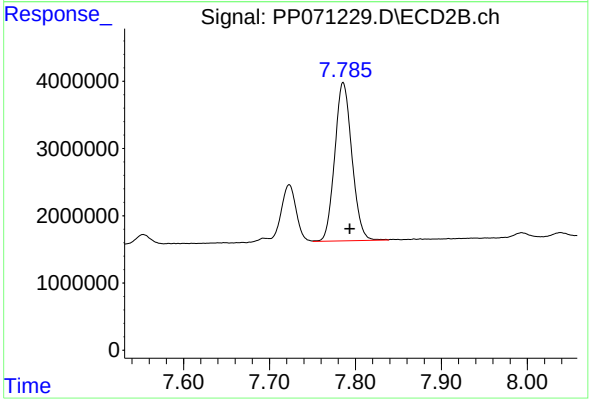
#41 AR-1268-1

R.T.: 7.723 min
Delta R.T.: -0.005 min
Response: 10289997
Conc: 60.03 ng/ml



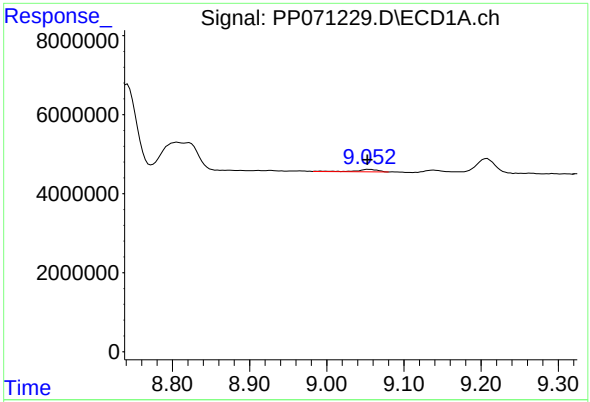
#42 AR-1268-2

R.T.: 8.821 min
Delta R.T.: 0.000 min
Response: 9020743
Conc: 46.19 ng/ml



#42 AR-1268-2

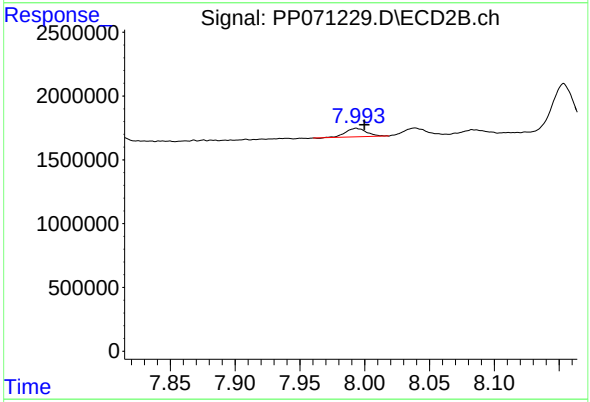
R.T.: 7.786 min
Delta R.T.: -0.008 min
Response: 32700642
Conc: 228.22 ng/ml



#43 AR-1268-3

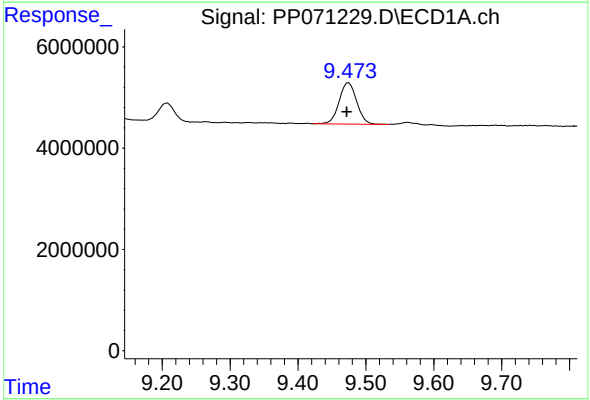
R.T.: 9.054 min
Delta R.T.: 0.000 min
Response: 1185210
Conc: 6.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BSD



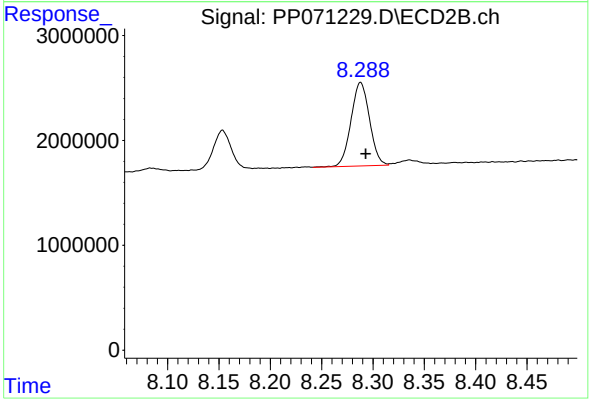
#43 AR-1268-3

R.T.: 7.994 min
Delta R.T.: -0.006 min
Response: 752784
Conc: 6.11 ng/ml



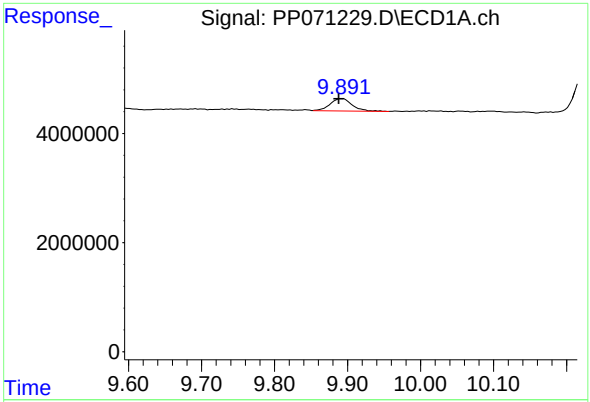
#44 AR-1268-4

R.T.: 9.475 min
Delta R.T.: 0.003 min
Response: 14729216
Conc: 208.20 ng/ml



#44 AR-1268-4

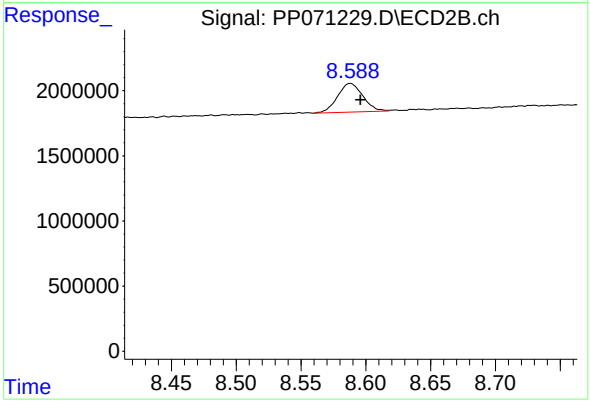
R.T.: 8.288 min
Delta R.T.: -0.005 min
Response: 9997008
Conc: 189.29 ng/ml



#45 AR-1268-5

R.T.: 9.893 min
Delta R.T.: 0.005 min
Response: 4718031
Conc: 9.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167553BSD



#45 AR-1268-5

R.T.: 8.588 min
Delta R.T.: -0.008 min
Response: 3003745
Conc: 8.30 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041125\
Data File : PP071238.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Apr 2025 17:35
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 00:18:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.515	3.814	64448627	48526740	44.095	46.811	
2)	SA Decachlor...	10.235	8.851	59619365	38306113	56.639	48.600	
	Target Compounds							
3)	L1 AR-1016-1	5.669	4.900	22509867	19206787	442.661	479.113	
4)	L1 AR-1016-2	5.690	4.918	34351689	27219508	440.104	470.396	
5)	L1 AR-1016-3	5.753	5.095	20643774	15347502	437.604	496.309	
6)	L1 AR-1016-4	5.850	5.137	17163122	11880224	466.951	487.776	
7)	L1 AR-1016-5	6.143	5.352	15832006	15411023	466.854	476.809	
8)	L2 AR-1221-1	4.712	4.023	2125596	2073869	122.487	136.049	
9)	L2 AR-1221-2	4.802	4.112	3247308	3143268	250.701	274.850	
10)	L2 AR-1221-3	4.878	4.187	11621301	11425853	278.573	335.178	
11)	L3 AR-1232-1	4.878	4.187	11621301	11425853	349.106	408.260	
12)	L3 AR-1232-2	5.404	4.918	15888987	27219508	998.658	970.007	
13)	L3 AR-1232-3	5.690	5.095	34351689	15347502	1002.372	1030.754	
14)	L3 AR-1232-4	5.850	5.179	17163122	14839683	1092.665	1158.955	
15)	L3 AR-1232-5	5.940	5.352	14051930	15411023	1320.626	1087.214	
16)	L4 AR-1242-1	5.669	4.900	22509867	19206787	511.854	561.670	
17)	L4 AR-1242-2	5.690	4.918	34351689	27219508	534.105	552.594	
18)	L4 AR-1242-3	5.753	5.095	20643774	15347502	503.023	576.015	
19)	L4 AR-1242-4	5.850	5.179	17163122	14839683	562.295	562.573	
20)	L4 AR-1242-5	6.582	5.704	7578901	16358250	207.582	528.396	#
21)	L5 AR-1248-1	5.669	4.900	22509867	19206787	620.320	709.261	
22)	L5 AR-1248-2	5.940	5.137	14051930	11880224	312.692	323.514	
23)	L5 AR-1248-3	6.143	5.179	15832006	14839683	312.654	383.857	
24)	L5 AR-1248-4	6.540	5.352	6876096	15411023	107.192	341.397	#
25)	L5 AR-1248-5	6.582	5.744	7578901	4900889	124.558	114.832	
26)	L6 AR-1254-1	6.518	5.704	15895333	16358250	246.859	247.785	
27)	L6 AR-1254-2	6.733	5.852	17124034	11858874	169.393	207.693	
28)	L6 AR-1254-3	7.097	6.270	9777224	21123945	98.039	243.247	#
29)	L6 AR-1254-4	7.381	6.484	9841423	3418371	113.647	60.933	#
30)	L6 AR-1254-5	7.795	6.901	46260915	30094169	575.736	417.102	#
31)	L7 AR-1260-1	7.261	6.387	34338269	25596998	511.345	499.880	
32)	L7 AR-1260-2	7.516	6.575	47687994	31222754	496.045	489.432	
33)	L7 AR-1260-3	7.874	6.728	38112360	26414740	476.892	484.791	
34)	L7 AR-1260-4	8.099	7.199	37182072	21663016	472.232	452.952	
35)	L7 AR-1260-5	8.419	7.441	75342914	50540500	474.194	405.914	
36)	L8 AR-1262-1	8.099	6.940	37182072	26029908	349.784	304.217	
37)	L8 AR-1262-2	8.419	7.199	75342914	21663016	379.785	316.412	
38)	L8 AR-1262-3	8.742	7.723	45390856	13546711	344.544	223.088	#
39)	L8 AR-1262-4	8.809	7.786	27446133	35149878	287.049	353.597	
40)	L8 AR-1262-5	9.477	8.288	19102892	13400829	293.591	285.905	
41)	L9 AR-1268-1	8.742	7.723	45390856	13546711	192.736	79.035	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041125\
Data File : PP071238.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Apr 2025 17:35
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 00:18:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.809	7.786	27446133	35149878	140.522	245.318 #
43) L9	AR-1268-3	9.055	7.993	949630	585286	5.556	4.753
44) L9	AR-1268-4	9.477	8.288	19102892	13400829	270.016	253.740
45) L9	AR-1268-5	9.894	8.589	4756237	3539774	9.988	9.782

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

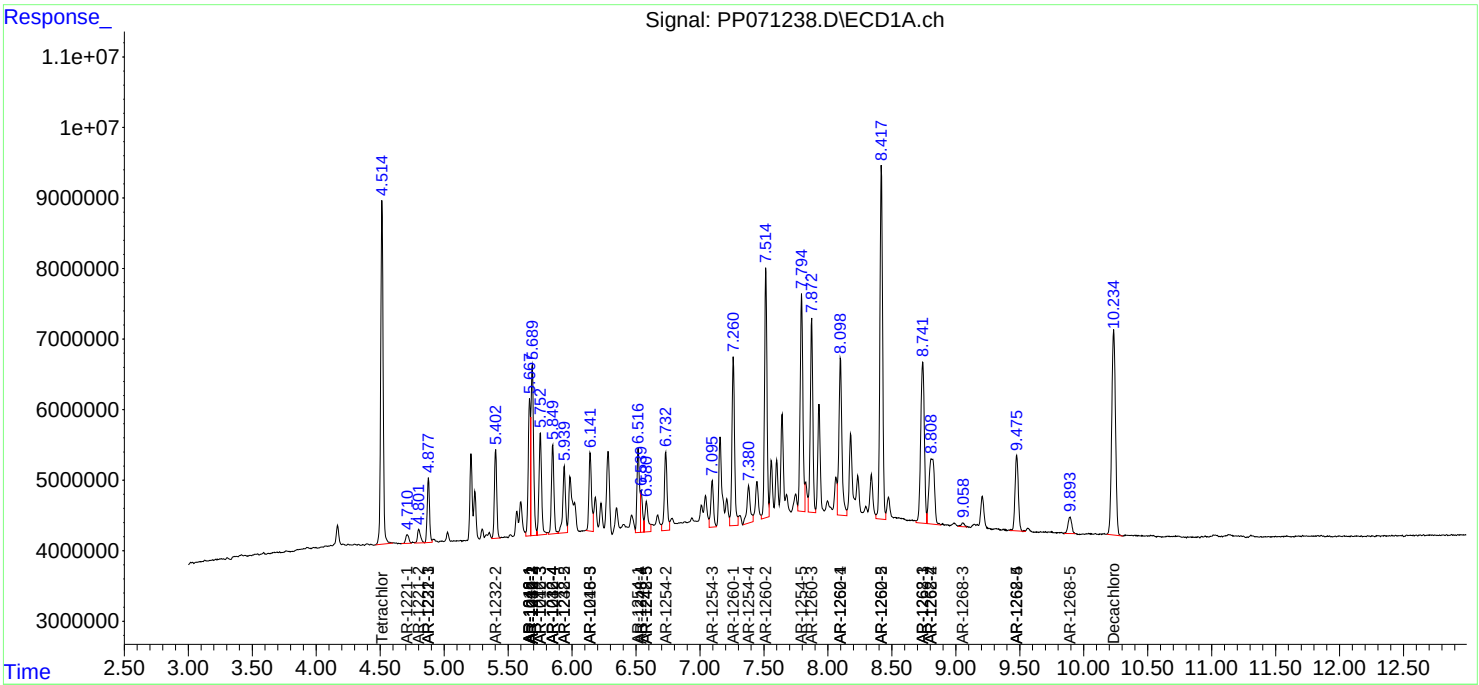
Quantitation Report (Not Reviewed)

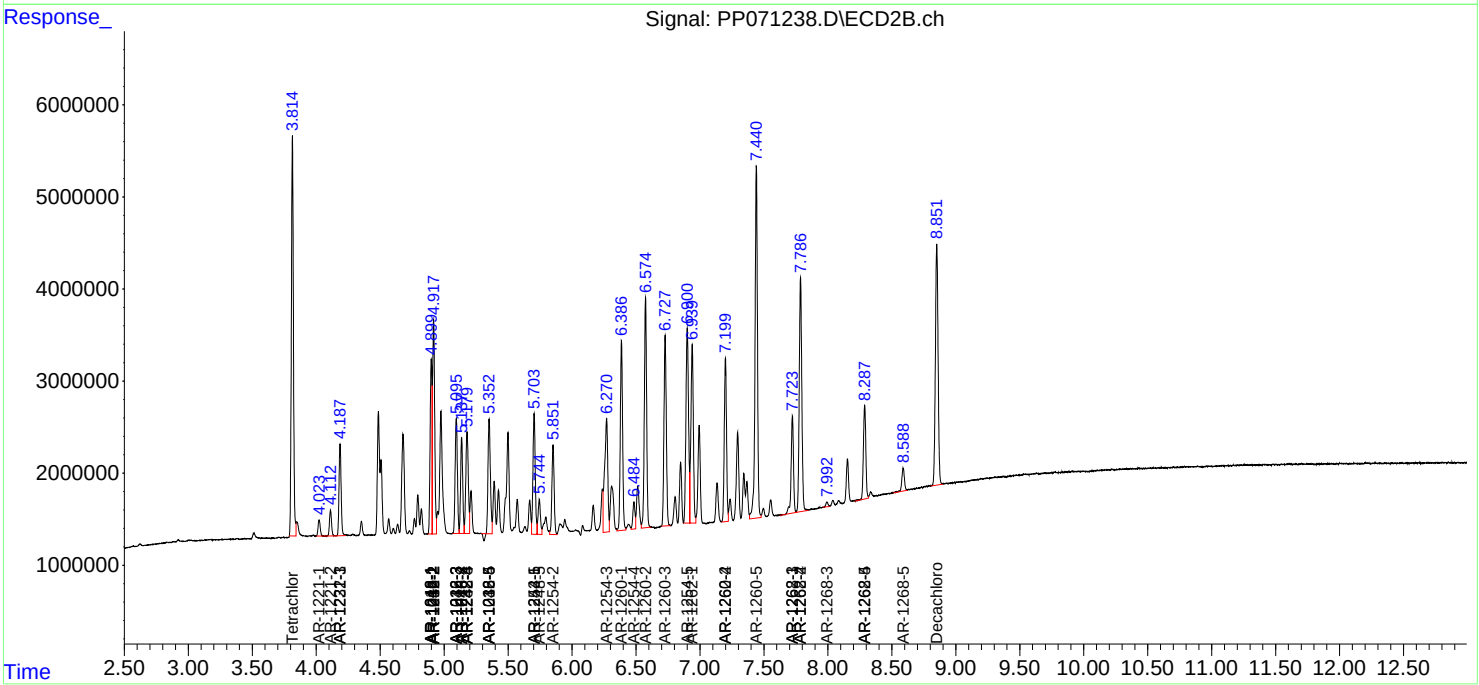
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041125\
Data File : PP071238.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Apr 2025 17:35
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 4 Sample Multiplier: 1

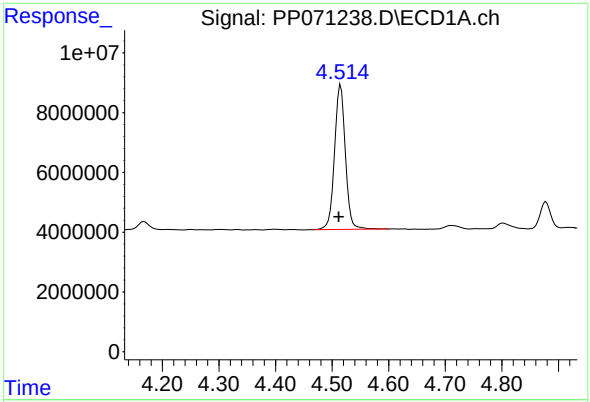
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 00:18:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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



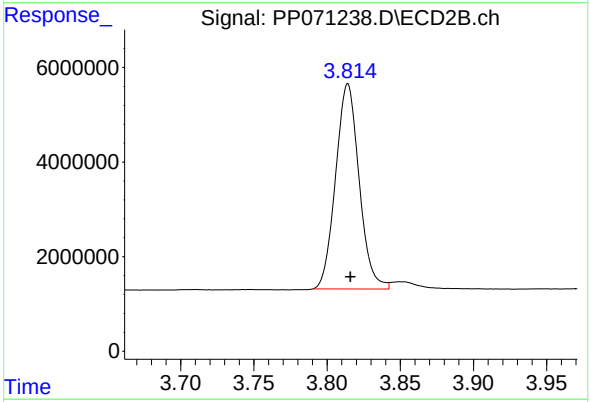




#1 Tetrachloro-m-xylene

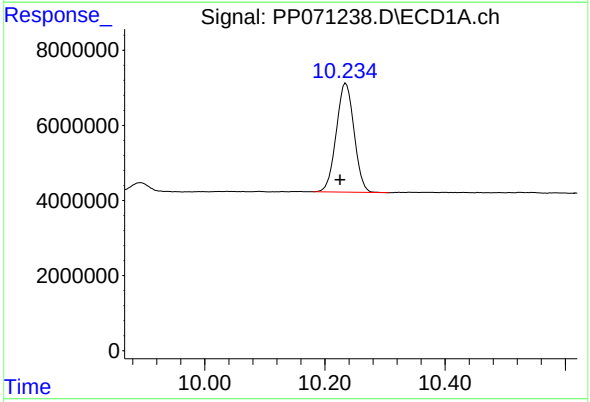
R.T.: 4.515 min
Delta R.T.: 0.003 min
Response: 64448627
Conc: 44.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



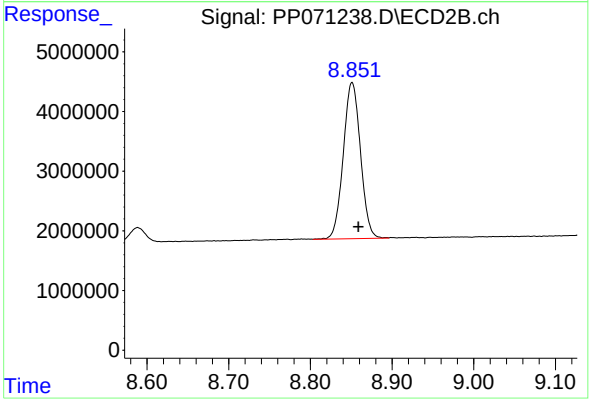
#1 Tetrachloro-m-xylene

R.T.: 3.814 min
Delta R.T.: -0.002 min
Response: 48526740
Conc: 46.81 ng/ml



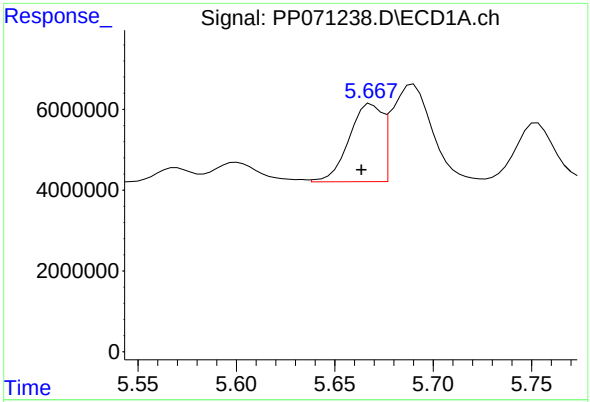
#2 Decachlorobiphenyl

R.T.: 10.235 min
Delta R.T.: 0.010 min
Response: 59619365
Conc: 56.64 ng/ml



#2 Decachlorobiphenyl

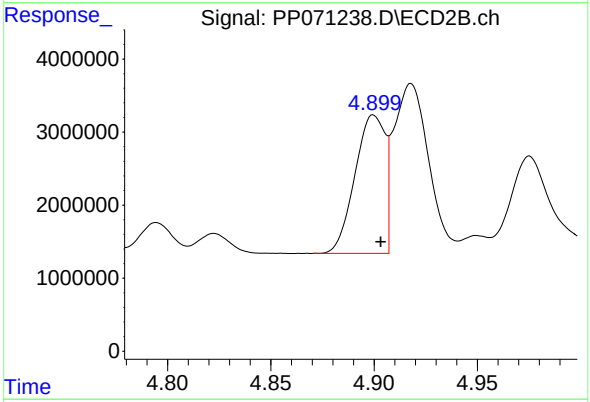
R.T.: 8.851 min
Delta R.T.: -0.008 min
Response: 38306113
Conc: 48.60 ng/ml



#3 AR-1016-1

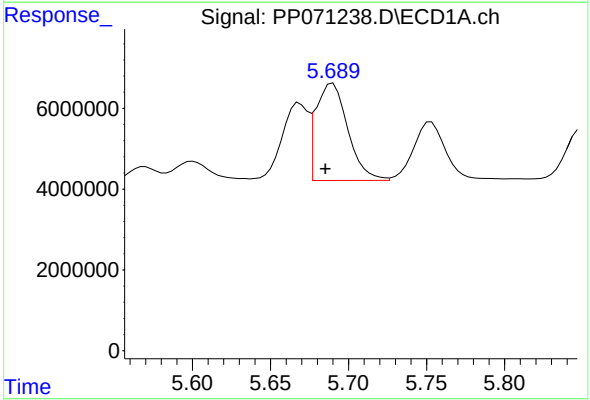
R.T.: 5.669 min
Delta R.T.: 0.005 min
Response: 22509867
Conc: 442.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



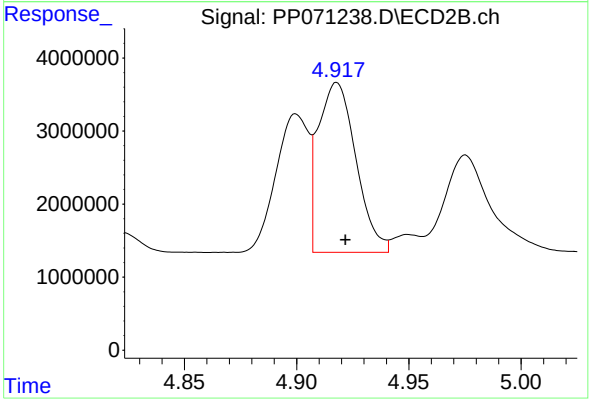
#3 AR-1016-1

R.T.: 4.900 min
Delta R.T.: -0.003 min
Response: 19206787
Conc: 479.11 ng/ml



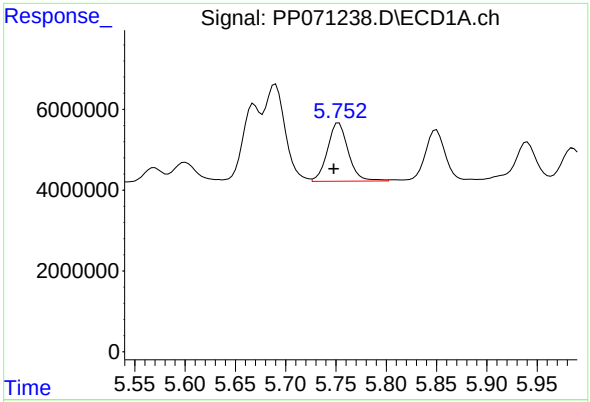
#4 AR-1016-2

R.T.: 5.690 min
Delta R.T.: 0.005 min
Response: 34351689
Conc: 440.10 ng/ml



#4 AR-1016-2

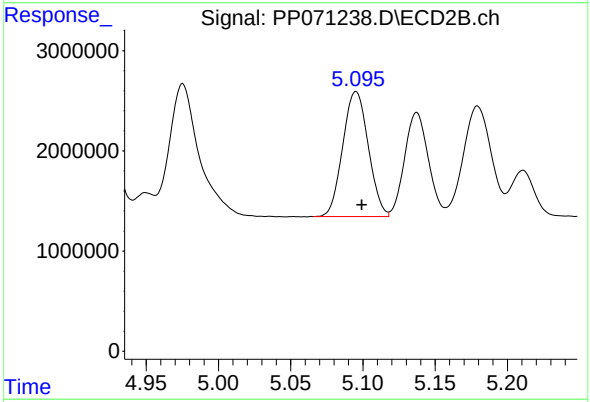
R.T.: 4.918 min
Delta R.T.: -0.004 min
Response: 27219508
Conc: 470.40 ng/ml



#5 AR-1016-3

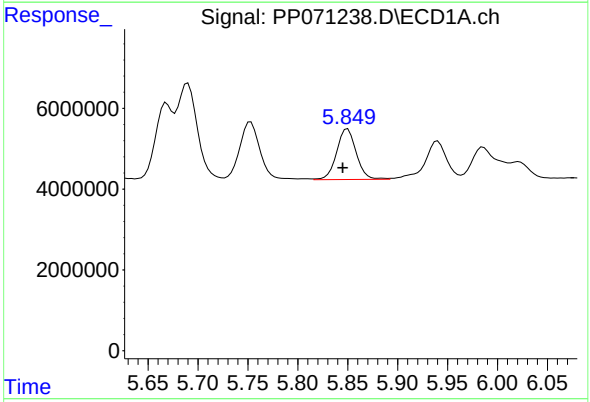
R.T.: 5.753 min
Delta R.T.: 0.005 min
Response: 20643774
Conc: 437.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



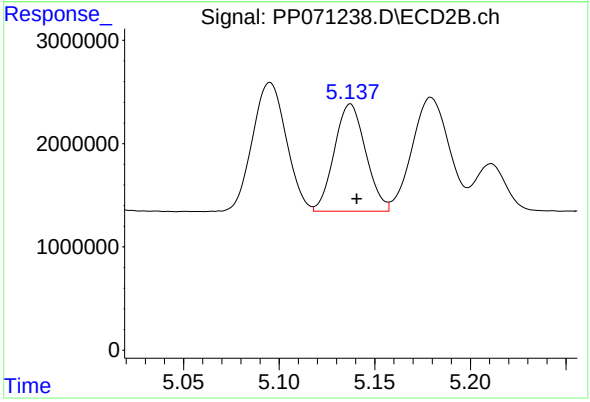
#5 AR-1016-3

R.T.: 5.095 min
Delta R.T.: -0.004 min
Response: 15347502
Conc: 496.31 ng/ml



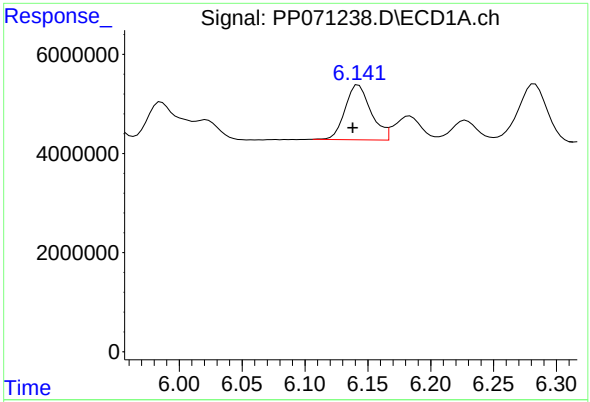
#6 AR-1016-4

R.T.: 5.850 min
Delta R.T.: 0.005 min
Response: 17163122
Conc: 466.95 ng/ml



#6 AR-1016-4

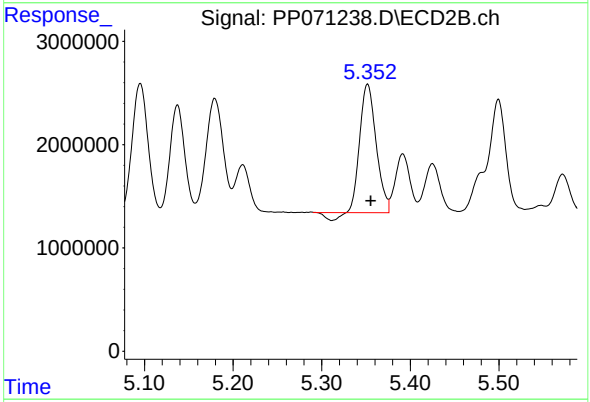
R.T.: 5.137 min
Delta R.T.: -0.003 min
Response: 11880224
Conc: 487.78 ng/ml



#7 AR-1016-5

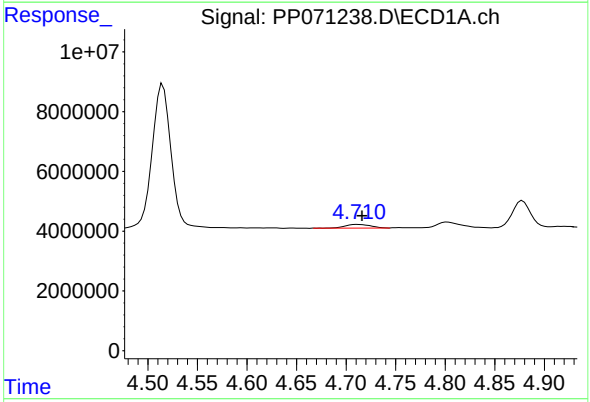
R.T.: 6.143 min
Delta R.T.: 0.005 min
Response: 15832006
Conc: 466.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



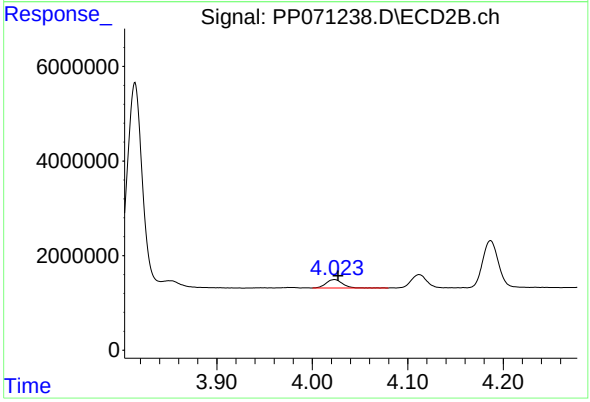
#7 AR-1016-5

R.T.: 5.352 min
Delta R.T.: -0.003 min
Response: 15411023
Conc: 476.81 ng/ml



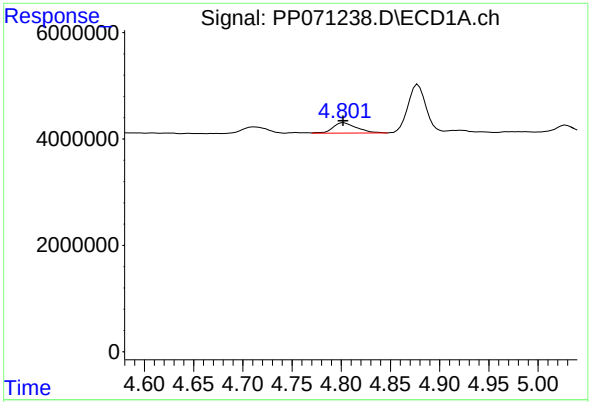
#8 AR-1221-1

R.T.: 4.712 min
Delta R.T.: -0.004 min
Response: 2125596
Conc: 122.49 ng/ml



#8 AR-1221-1

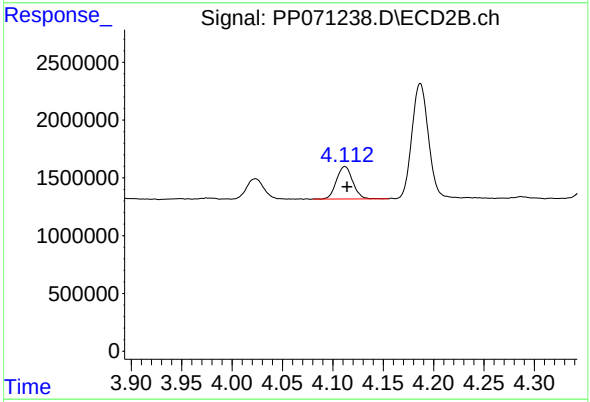
R.T.: 4.023 min
Delta R.T.: -0.004 min
Response: 2073869
Conc: 136.05 ng/ml



#9 AR-1221-2

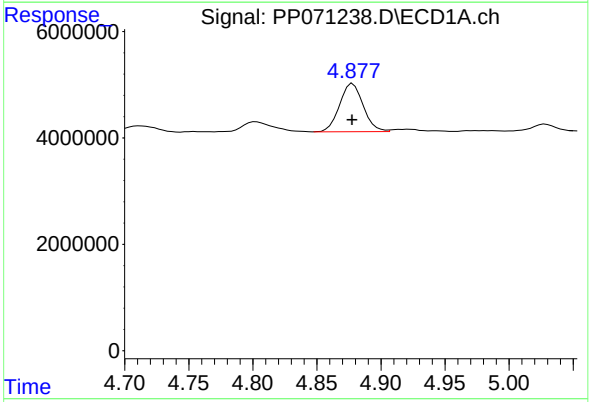
R.T.: 4.802 min
Delta R.T.: 0.000 min
Response: 3247308
Conc: 250.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



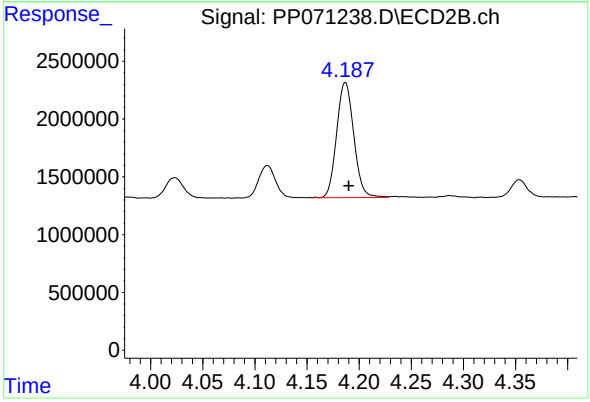
#9 AR-1221-2

R.T.: 4.112 min
Delta R.T.: -0.002 min
Response: 3143268
Conc: 274.85 ng/ml



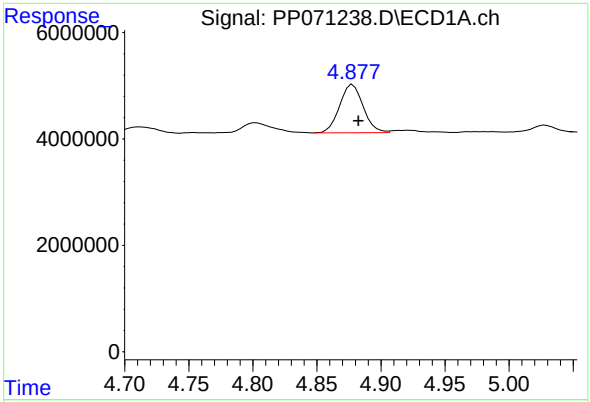
#10 AR-1221-3

R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 11621301
Conc: 278.57 ng/ml



#10 AR-1221-3

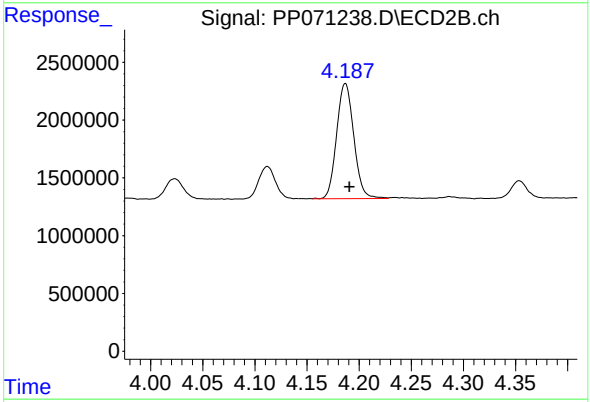
R.T.: 4.187 min
Delta R.T.: -0.003 min
Response: 11425853
Conc: 335.18 ng/ml



#11 AR-1232-1

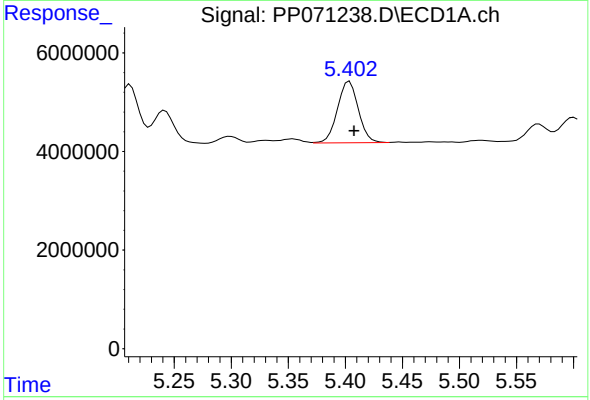
R.T.: 4.878 min
Delta R.T.: -0.004 min
Response: 11621301
Conc: 349.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



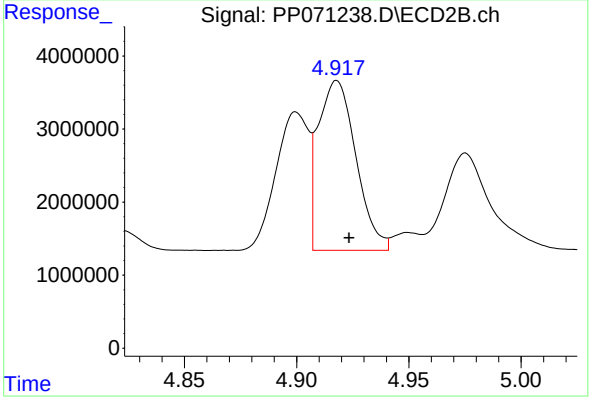
#11 AR-1232-1

R.T.: 4.187 min
Delta R.T.: -0.004 min
Response: 11425853
Conc: 408.26 ng/ml



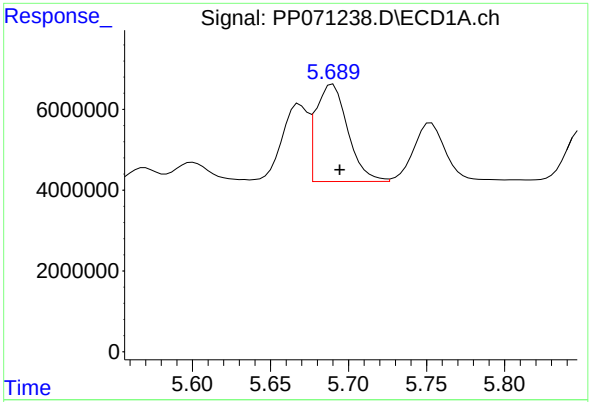
#12 AR-1232-2

R.T.: 5.404 min
Delta R.T.: -0.004 min
Response: 15888987
Conc: 998.66 ng/ml



#12 AR-1232-2

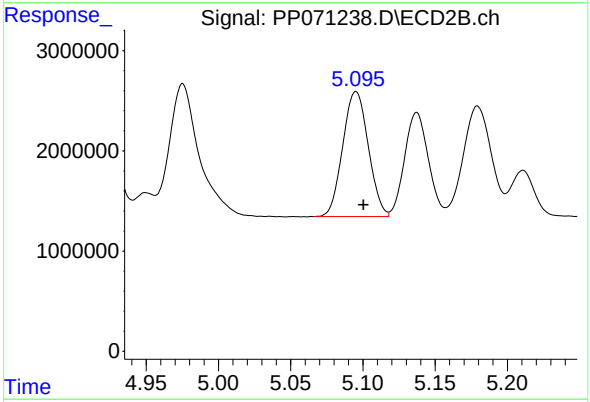
R.T.: 4.918 min
Delta R.T.: -0.005 min
Response: 27219508
Conc: 970.01 ng/ml



#13 AR-1232-3

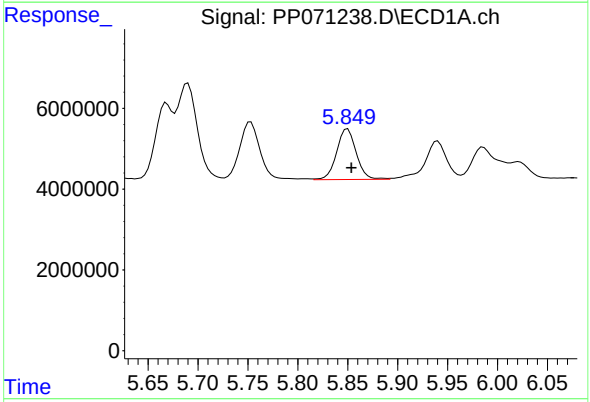
R.T.: 5.690 min
Delta R.T.: -0.004 min
Response: 34351689
Conc: 1002.37 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



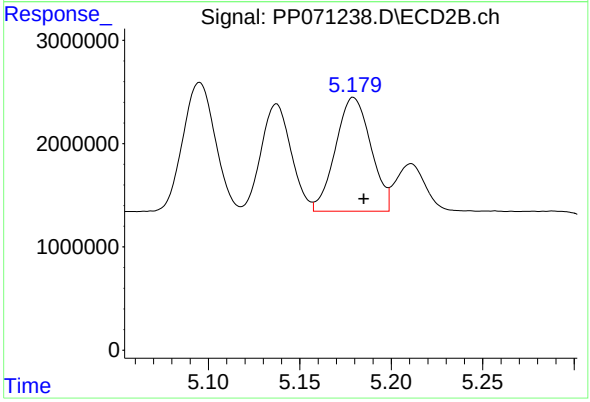
#13 AR-1232-3

R.T.: 5.095 min
Delta R.T.: -0.005 min
Response: 15347502
Conc: 1030.75 ng/ml



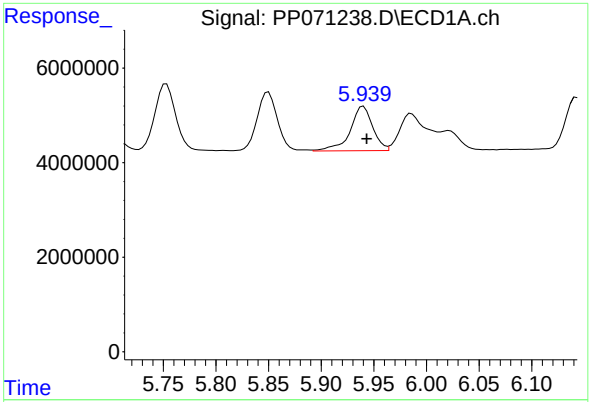
#14 AR-1232-4

R.T.: 5.850 min
Delta R.T.: -0.004 min
Response: 17163122
Conc: 1092.66 ng/ml



#14 AR-1232-4

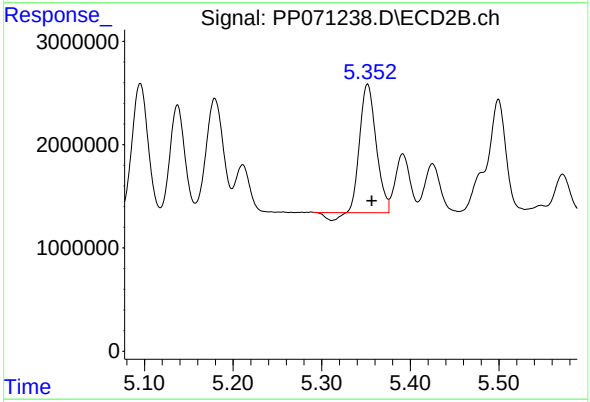
R.T.: 5.179 min
Delta R.T.: -0.006 min
Response: 14839683
Conc: 1158.95 ng/ml



#15 AR-1232-5

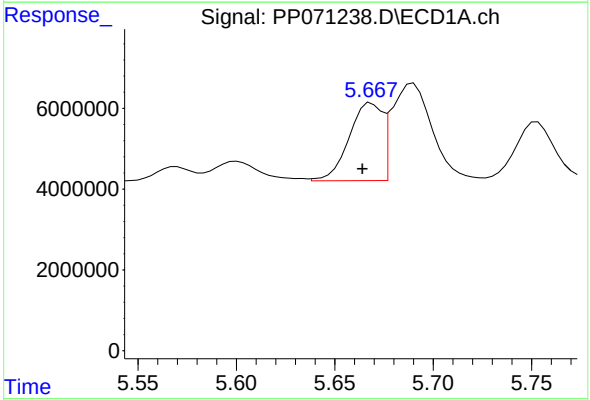
R.T.: 5.940 min
Delta R.T.: -0.003 min
Response: 14051930
Conc: 1320.63 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



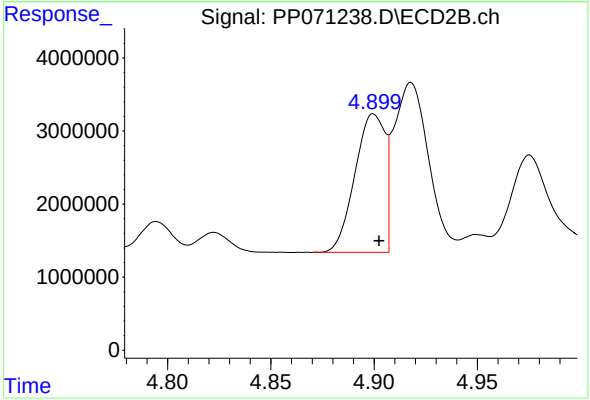
#15 AR-1232-5

R.T.: 5.352 min
Delta R.T.: -0.005 min
Response: 15411023
Conc: 1087.21 ng/ml



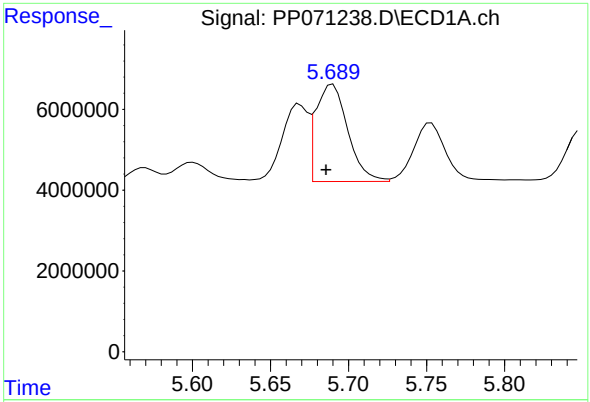
#16 AR-1242-1

R.T.: 5.669 min
Delta R.T.: 0.005 min
Response: 22509867
Conc: 511.85 ng/ml



#16 AR-1242-1

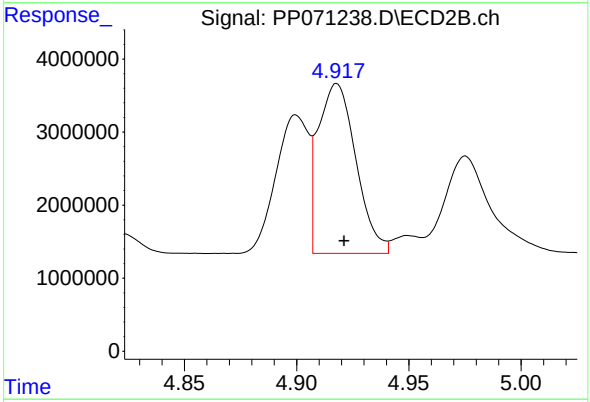
R.T.: 4.900 min
Delta R.T.: -0.003 min
Response: 19206787
Conc: 561.67 ng/ml



#17 AR-1242-2

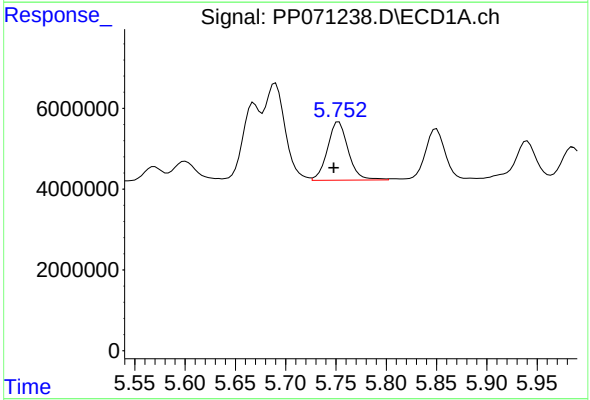
R.T.: 5.690 min
Delta R.T.: 0.004 min
Response: 34351689
Conc: 534.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



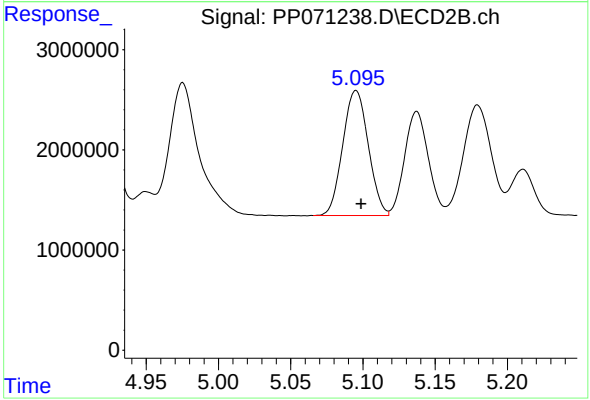
#17 AR-1242-2

R.T.: 4.918 min
Delta R.T.: -0.003 min
Response: 27219508
Conc: 552.59 ng/ml



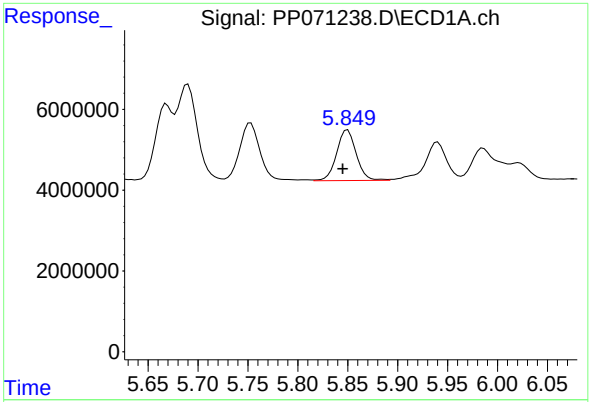
#18 AR-1242-3

R.T.: 5.753 min
Delta R.T.: 0.005 min
Response: 20643774
Conc: 503.02 ng/ml



#18 AR-1242-3

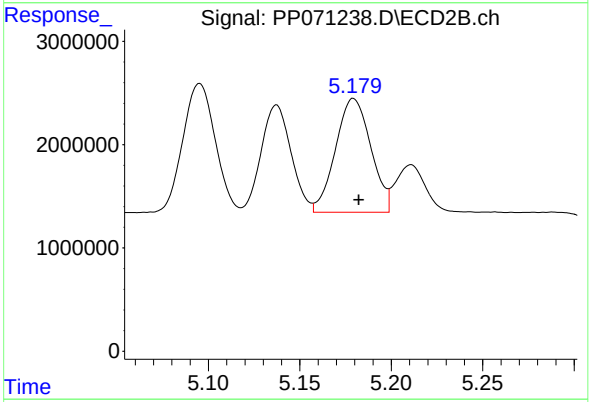
R.T.: 5.095 min
Delta R.T.: -0.003 min
Response: 15347502
Conc: 576.01 ng/ml



#19 AR-1242-4

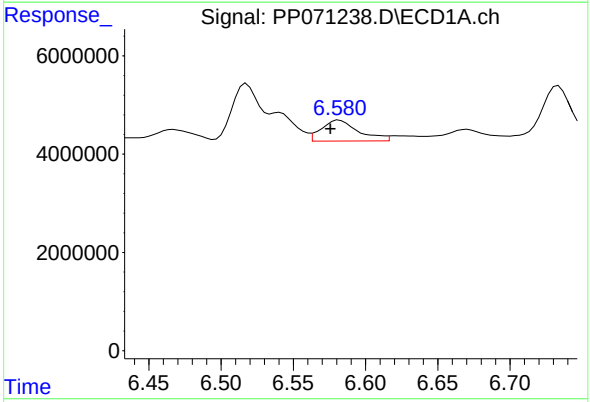
R.T.: 5.850 min
Delta R.T.: 0.005 min
Response: 17163122
Conc: 562.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



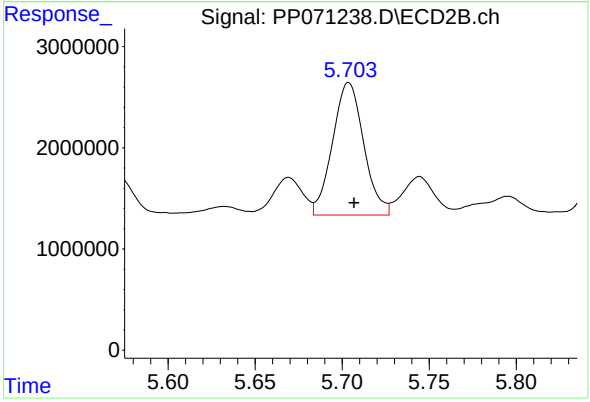
#19 AR-1242-4

R.T.: 5.179 min
Delta R.T.: -0.003 min
Response: 14839683
Conc: 562.57 ng/ml



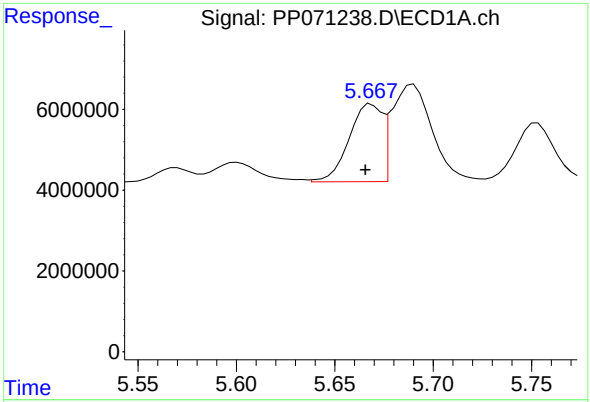
#20 AR-1242-5

R.T.: 6.582 min
Delta R.T.: 0.006 min
Response: 7578901
Conc: 207.58 ng/ml



#20 AR-1242-5

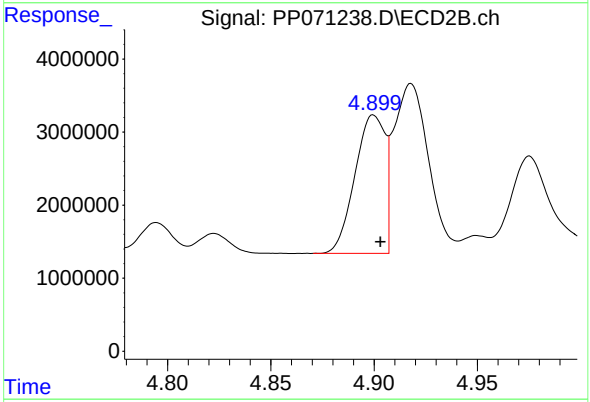
R.T.: 5.704 min
Delta R.T.: -0.003 min
Response: 16358250
Conc: 528.40 ng/ml



#21 AR-1248-1

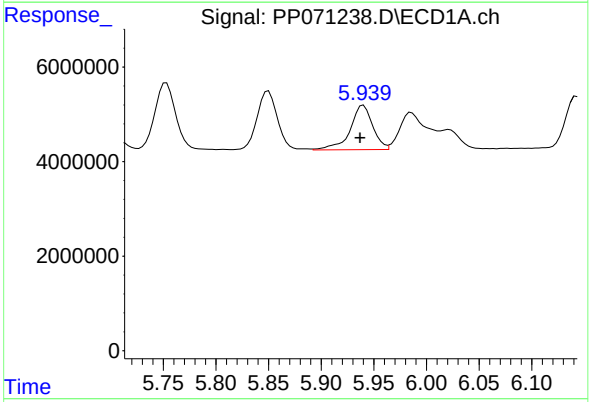
R.T.: 5.669 min
Delta R.T.: 0.003 min
Response: 22509867
Conc: 620.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



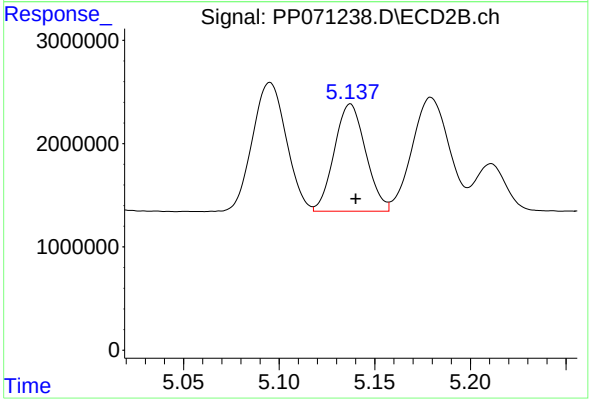
#21 AR-1248-1

R.T.: 4.900 min
Delta R.T.: -0.003 min
Response: 19206787
Conc: 709.26 ng/ml



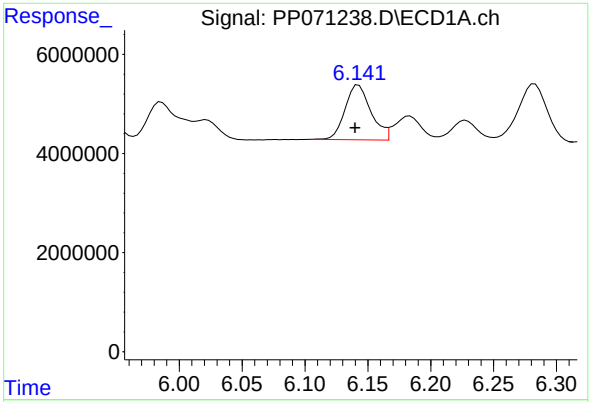
#22 AR-1248-2

R.T.: 5.940 min
Delta R.T.: 0.003 min
Response: 14051930
Conc: 312.69 ng/ml



#22 AR-1248-2

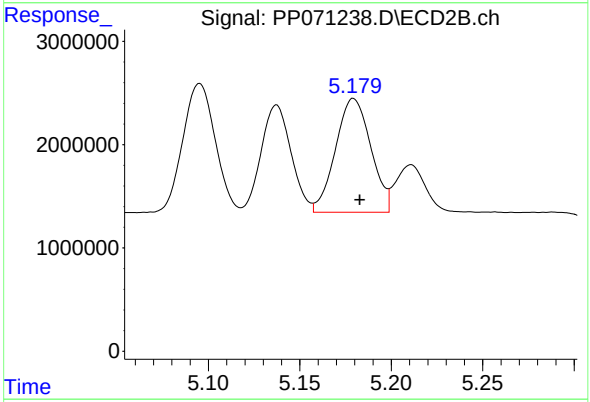
R.T.: 5.137 min
Delta R.T.: -0.003 min
Response: 11880224
Conc: 323.51 ng/ml



#23 AR-1248-3

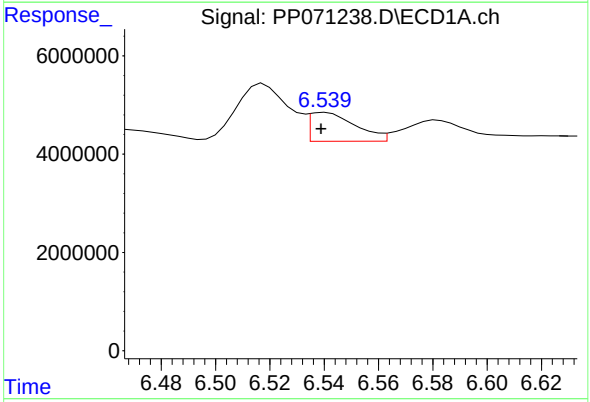
R.T.: 6.143 min
Delta R.T.: 0.003 min
Response: 15832006
Conc: 312.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



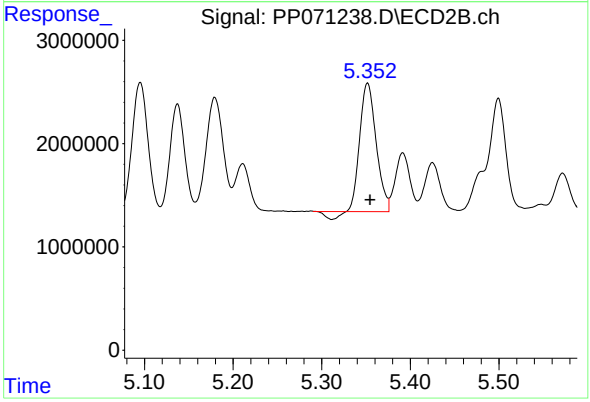
#23 AR-1248-3

R.T.: 5.179 min
Delta R.T.: -0.003 min
Response: 14839683
Conc: 383.86 ng/ml



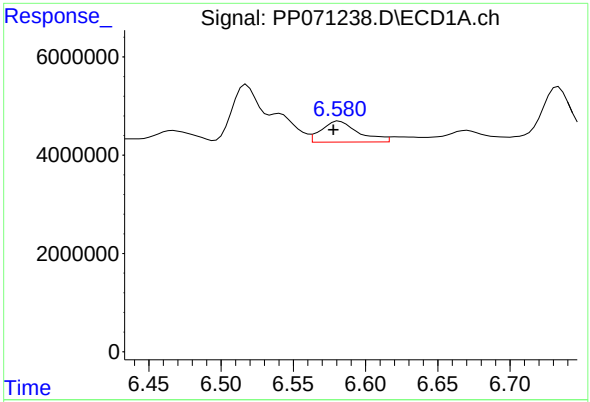
#24 AR-1248-4

R.T.: 6.540 min
Delta R.T.: 0.002 min
Response: 6876096
Conc: 107.19 ng/ml



#24 AR-1248-4

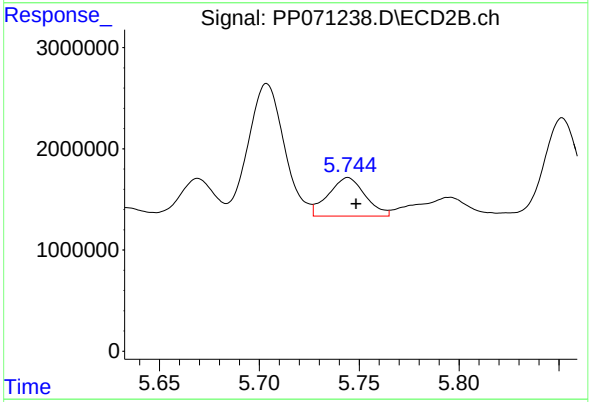
R.T.: 5.352 min
Delta R.T.: -0.003 min
Response: 15411023
Conc: 341.40 ng/ml



#25 AR-1248-5

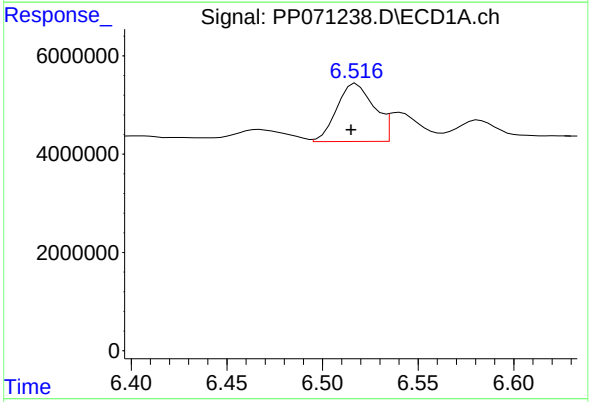
R.T.: 6.582 min
Delta R.T.: 0.004 min
Response: 7578901
Conc: 124.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



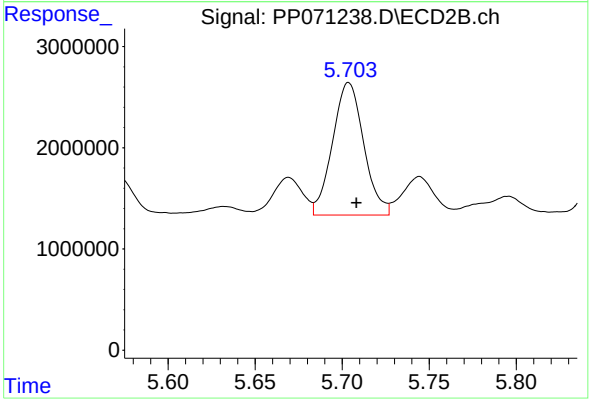
#25 AR-1248-5

R.T.: 5.744 min
Delta R.T.: -0.004 min
Response: 4900889
Conc: 114.83 ng/ml



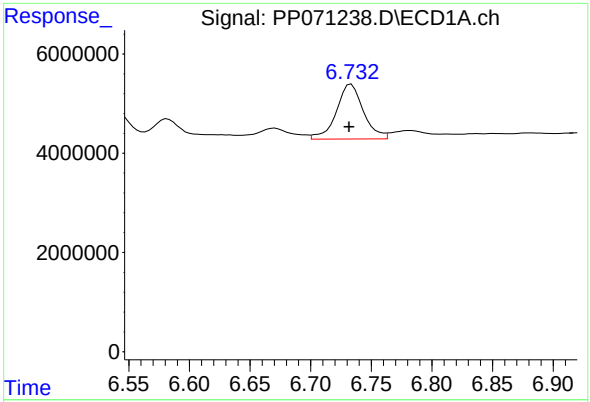
#26 AR-1254-1

R.T.: 6.518 min
Delta R.T.: 0.003 min
Response: 15895333
Conc: 246.86 ng/ml



#26 AR-1254-1

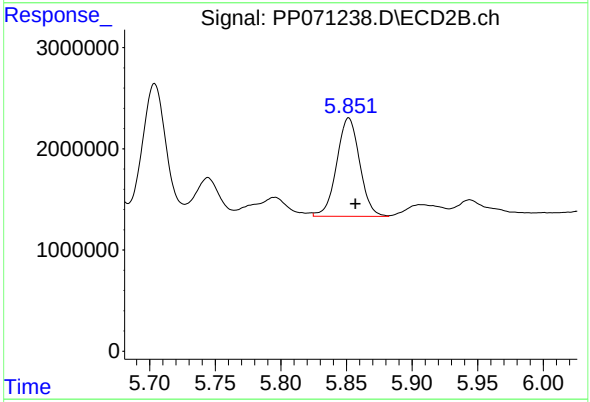
R.T.: 5.704 min
Delta R.T.: -0.004 min
Response: 16358250
Conc: 247.79 ng/ml



#27 AR-1254-2

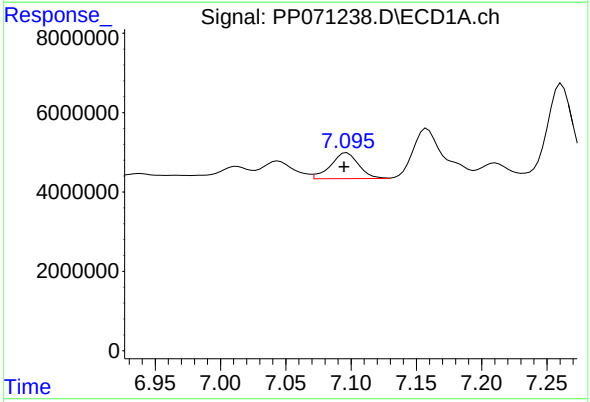
R.T.: 6.733 min
Delta R.T.: 0.002 min
Response: 17124034
Conc: 169.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



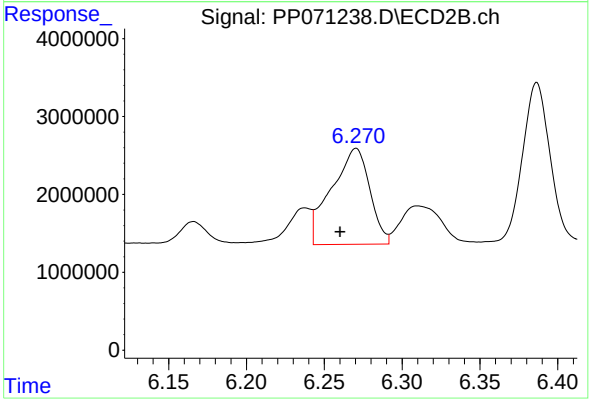
#27 AR-1254-2

R.T.: 5.852 min
Delta R.T.: -0.005 min
Response: 11858874
Conc: 207.69 ng/ml



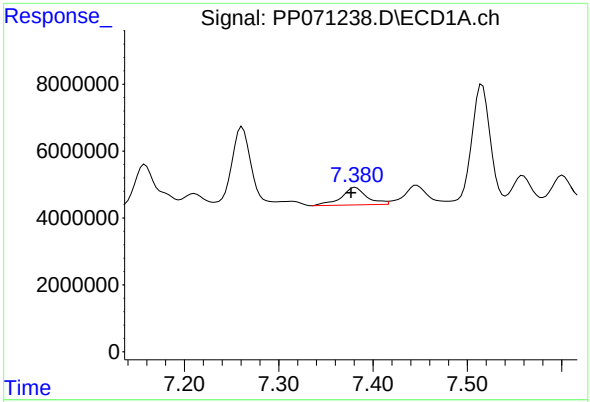
#28 AR-1254-3

R.T.: 7.097 min
Delta R.T.: 0.002 min
Response: 9777224
Conc: 98.04 ng/ml



#28 AR-1254-3

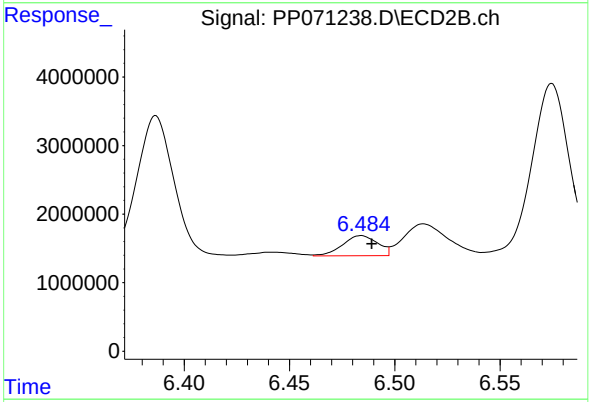
R.T.: 6.270 min
Delta R.T.: 0.010 min
Response: 21123945
Conc: 243.25 ng/ml



#29 AR-1254-4

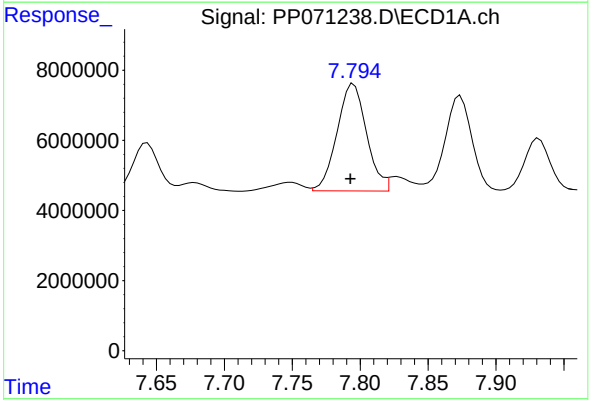
R.T.: 7.381 min
Delta R.T.: 0.004 min
Response: 9841423
Conc: 113.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



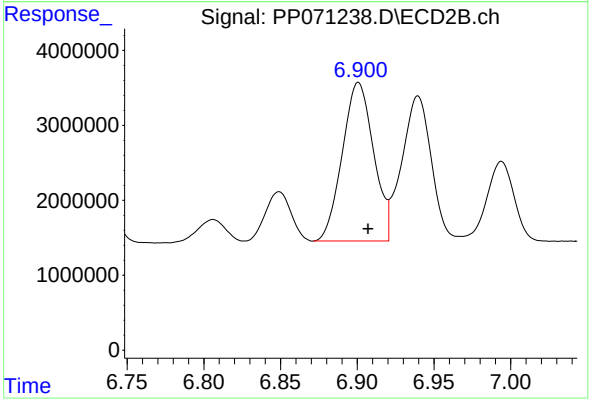
#29 AR-1254-4

R.T.: 6.484 min
Delta R.T.: -0.005 min
Response: 3418371
Conc: 60.93 ng/ml



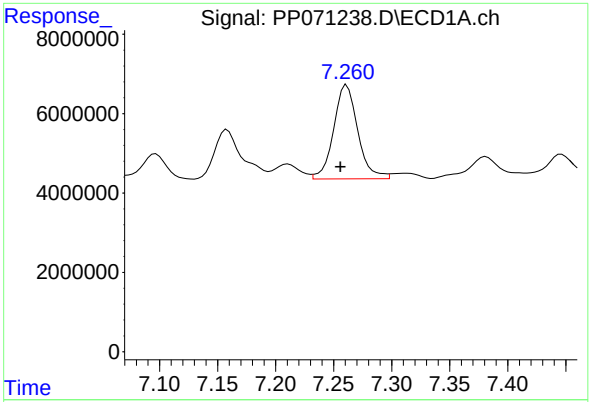
#30 AR-1254-5

R.T.: 7.795 min
Delta R.T.: 0.002 min
Response: 46260915
Conc: 575.74 ng/ml



#30 AR-1254-5

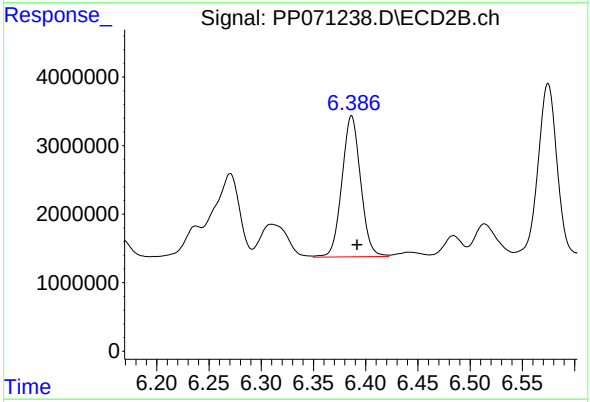
R.T.: 6.901 min
Delta R.T.: -0.006 min
Response: 30094169
Conc: 417.10 ng/ml



#31 AR-1260-1

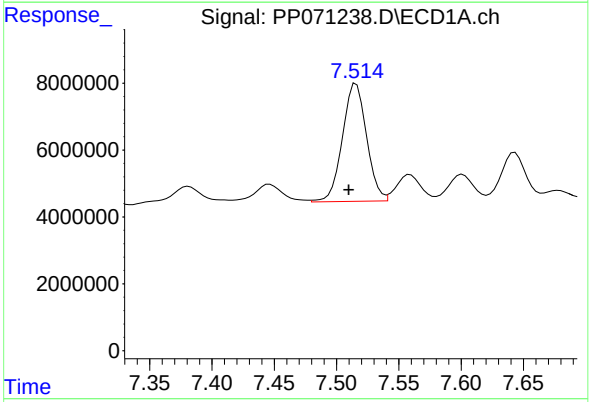
R.T.: 7.261 min
Delta R.T.: 0.005 min
Response: 34338269
Conc: 511.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



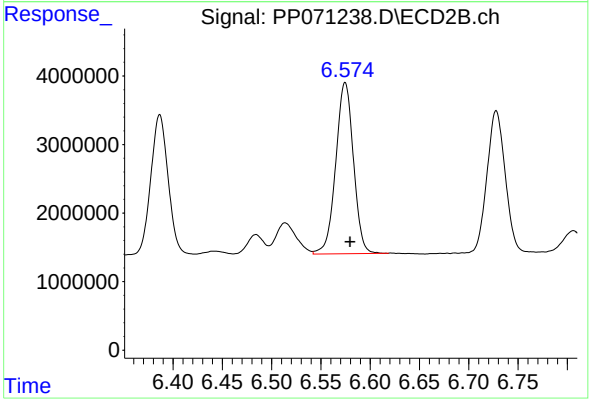
#31 AR-1260-1

R.T.: 6.387 min
Delta R.T.: -0.005 min
Response: 25596998
Conc: 499.88 ng/ml



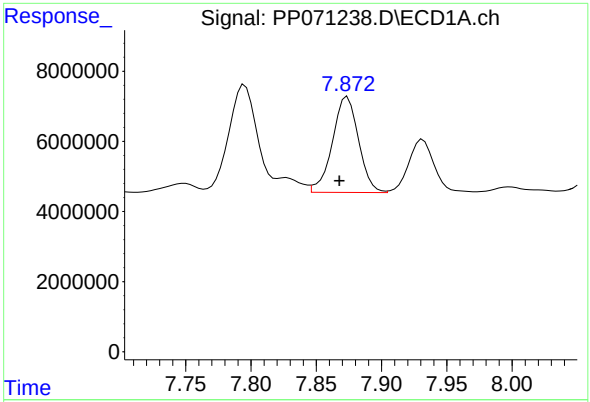
#32 AR-1260-2

R.T.: 7.516 min
Delta R.T.: 0.006 min
Response: 47687994
Conc: 496.05 ng/ml



#32 AR-1260-2

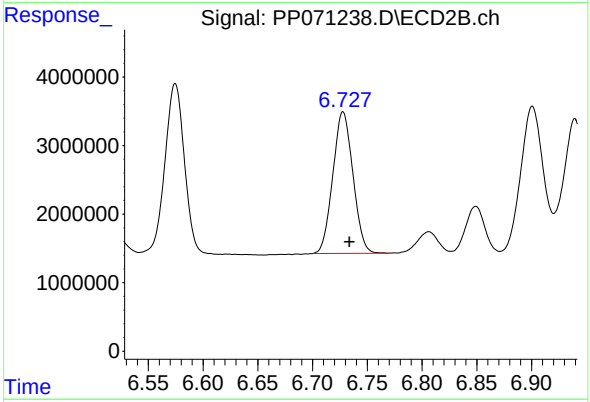
R.T.: 6.575 min
Delta R.T.: -0.005 min
Response: 31222754
Conc: 489.43 ng/ml



#33 AR-1260-3

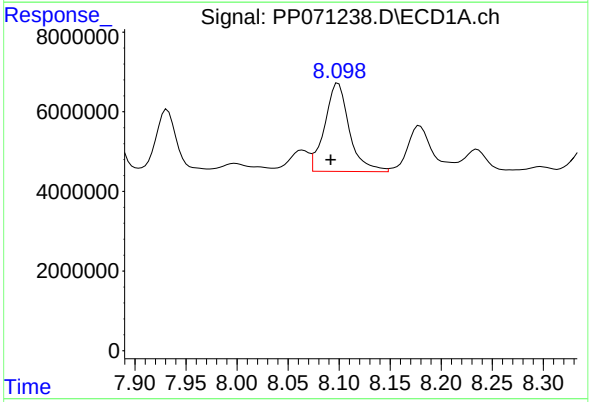
R.T.: 7.874 min
Delta R.T.: 0.006 min
Response: 38112360
Conc: 476.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



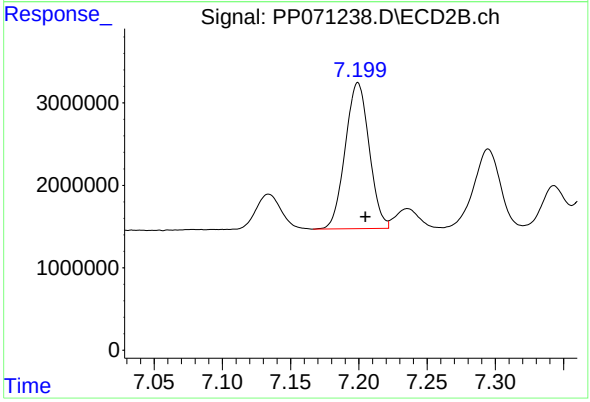
#33 AR-1260-3

R.T.: 6.728 min
Delta R.T.: -0.006 min
Response: 26414740
Conc: 484.79 ng/ml



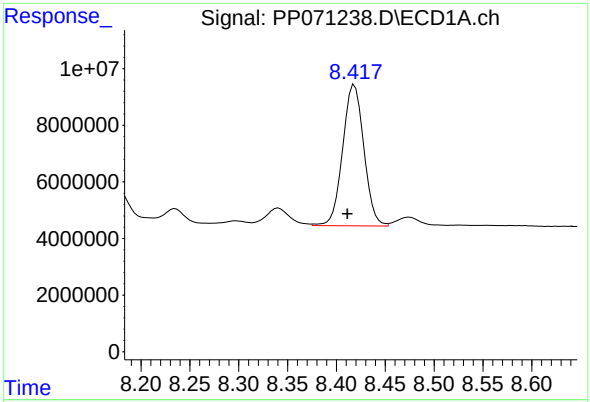
#34 AR-1260-4

R.T.: 8.099 min
Delta R.T.: 0.007 min
Response: 37182072
Conc: 472.23 ng/ml



#34 AR-1260-4

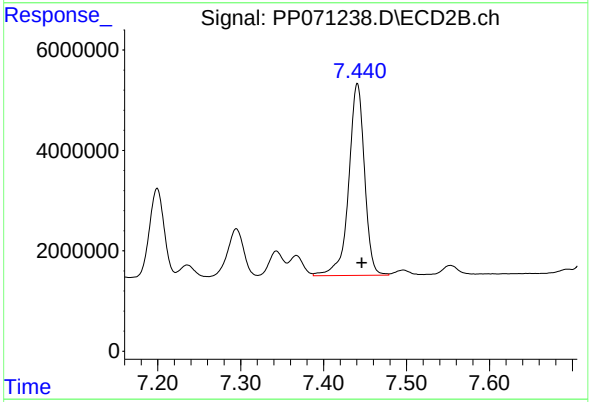
R.T.: 7.199 min
Delta R.T.: -0.005 min
Response: 21663016
Conc: 452.95 ng/ml



#35 AR-1260-5

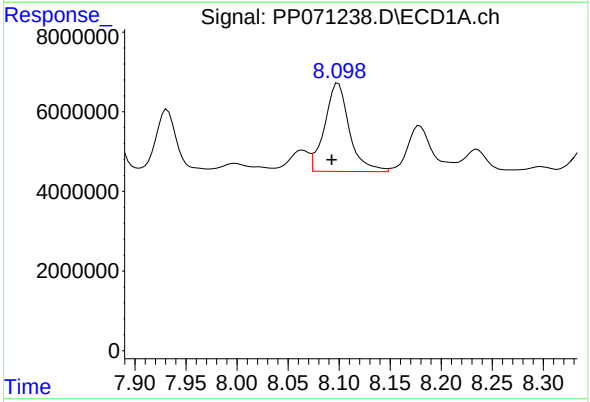
R.T.: 8.419 min
Delta R.T.: 0.007 min
Response: 75342914
Conc: 474.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



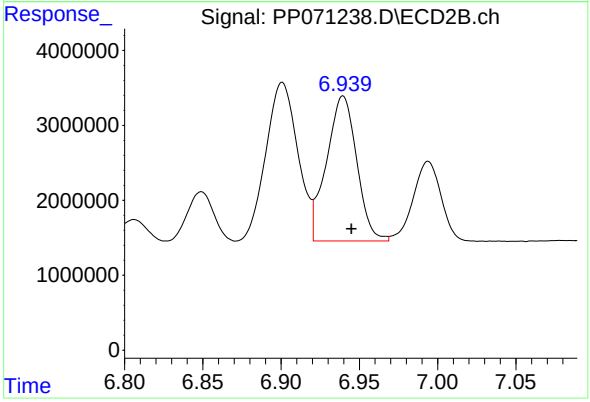
#35 AR-1260-5

R.T.: 7.441 min
Delta R.T.: -0.005 min
Response: 50540500
Conc: 405.91 ng/ml



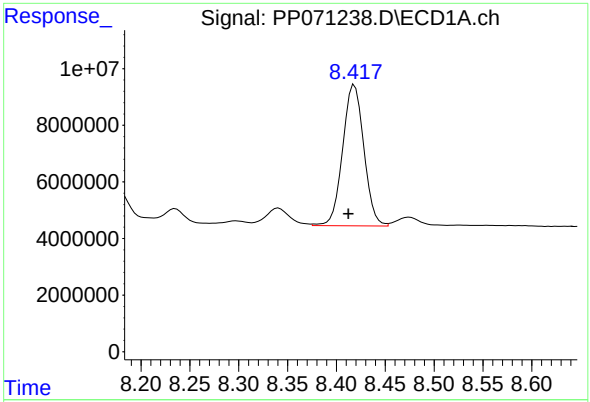
#36 AR-1262-1

R.T.: 8.099 min
Delta R.T.: 0.006 min
Response: 37182072
Conc: 349.78 ng/ml



#36 AR-1262-1

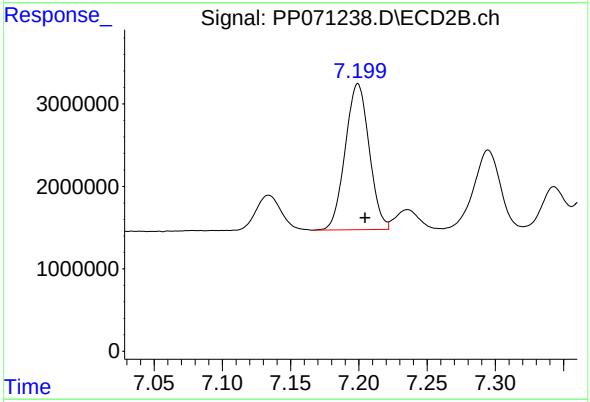
R.T.: 6.940 min
Delta R.T.: -0.005 min
Response: 26029908
Conc: 304.22 ng/ml



#37 AR-1262-2

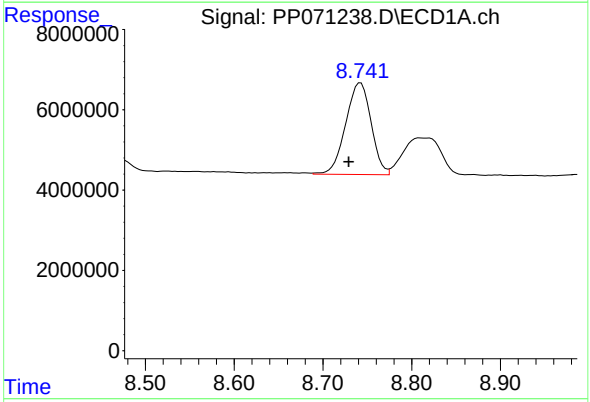
R.T.: 8.419 min
Delta R.T.: 0.006 min
Response: 75342914
Conc: 379.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



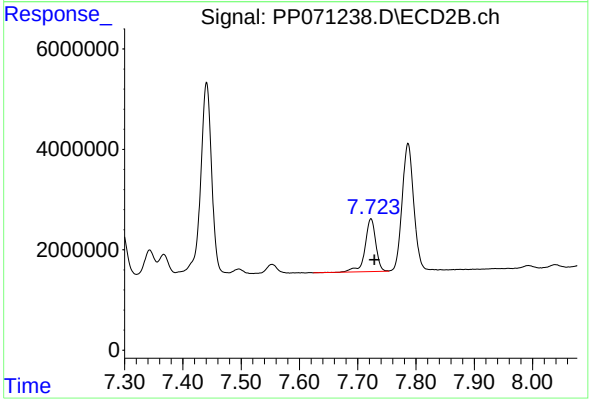
#37 AR-1262-2

R.T.: 7.199 min
Delta R.T.: -0.005 min
Response: 21663016
Conc: 316.41 ng/ml



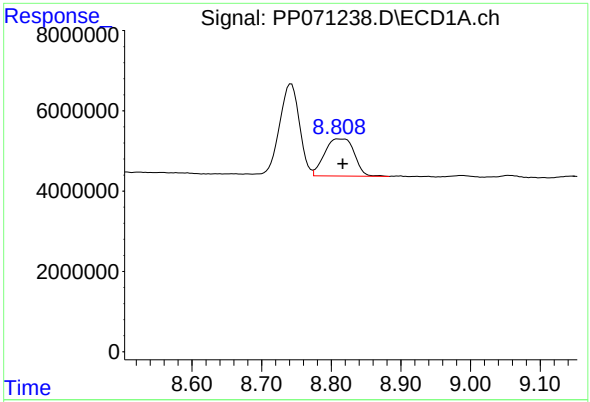
#38 AR-1262-3

R.T.: 8.742 min
Delta R.T.: 0.013 min
Response: 45390856
Conc: 344.54 ng/ml



#38 AR-1262-3

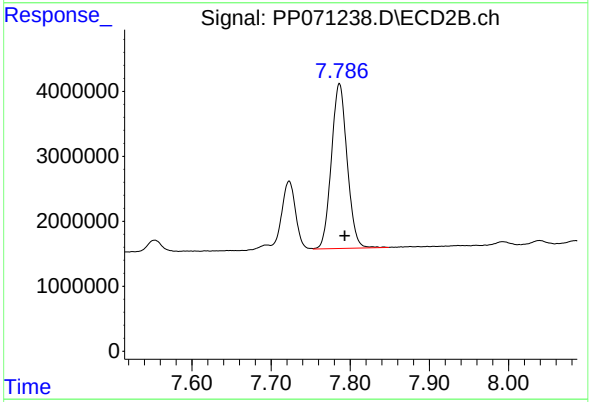
R.T.: 7.723 min
Delta R.T.: -0.006 min
Response: 13546711
Conc: 223.09 ng/ml



#39 AR-1262-4

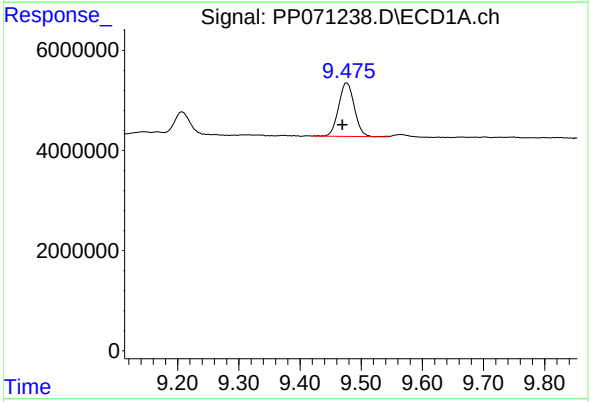
R.T.: 8.809 min
Delta R.T.: -0.007 min
Response: 27446133
Conc: 287.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



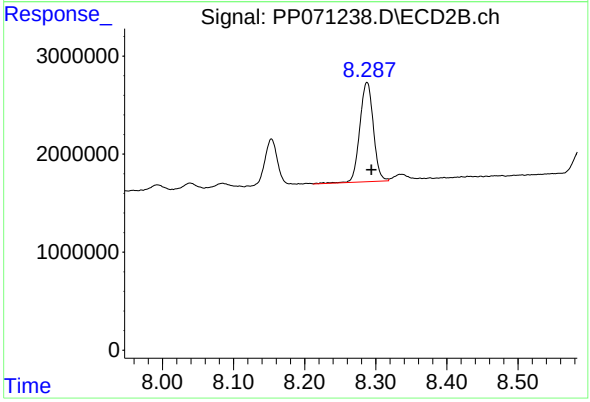
#39 AR-1262-4

R.T.: 7.786 min
Delta R.T.: -0.007 min
Response: 35149878
Conc: 353.60 ng/ml



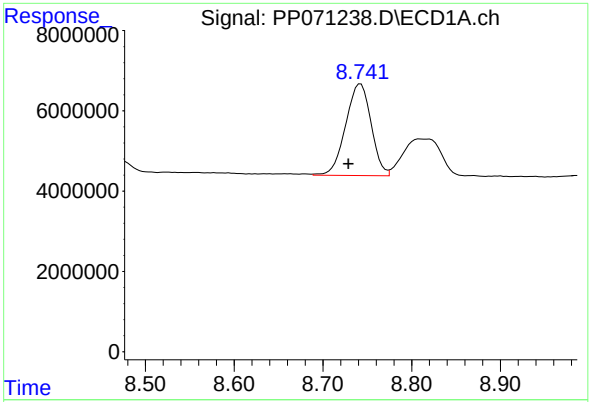
#40 AR-1262-5

R.T.: 9.477 min
Delta R.T.: 0.008 min
Response: 19102892
Conc: 293.59 ng/ml



#40 AR-1262-5

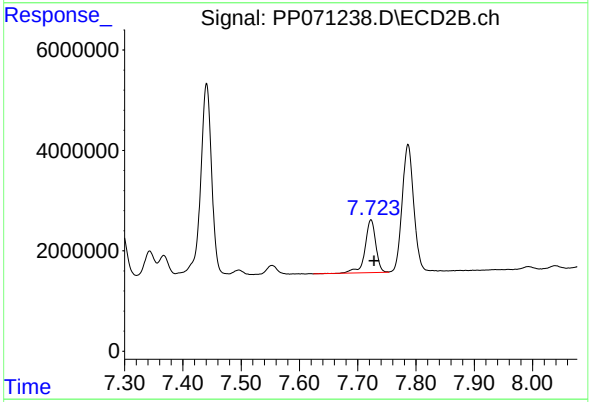
R.T.: 8.288 min
Delta R.T.: -0.006 min
Response: 13400829
Conc: 285.90 ng/ml



#41 AR-1268-1

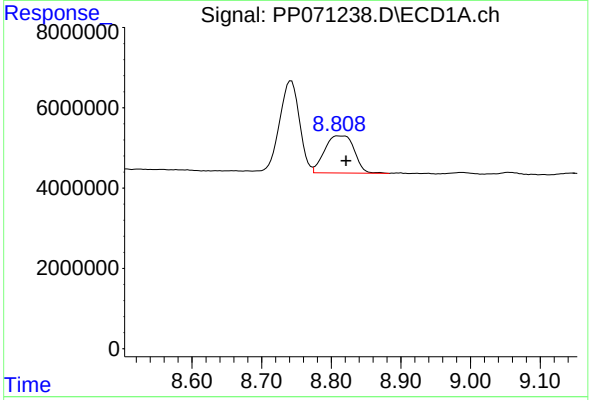
R.T.: 8.742 min
Delta R.T.: 0.014 min
Response: 45390856
Conc: 192.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



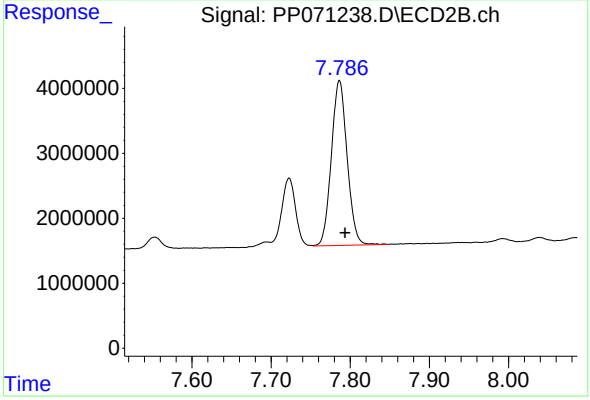
#41 AR-1268-1

R.T.: 7.723 min
Delta R.T.: -0.005 min
Response: 13546711
Conc: 79.03 ng/ml



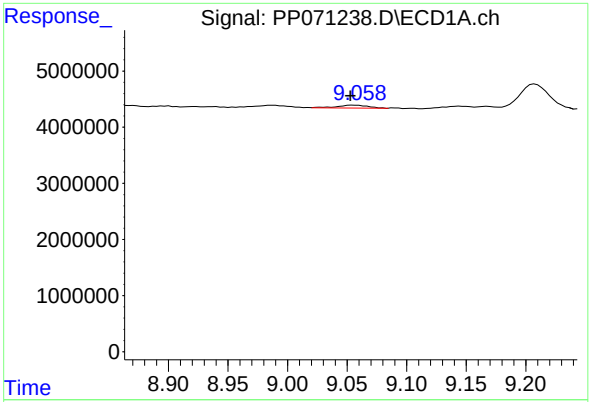
#42 AR-1268-2

R.T.: 8.809 min
Delta R.T.: -0.012 min
Response: 27446133
Conc: 140.52 ng/ml



#42 AR-1268-2

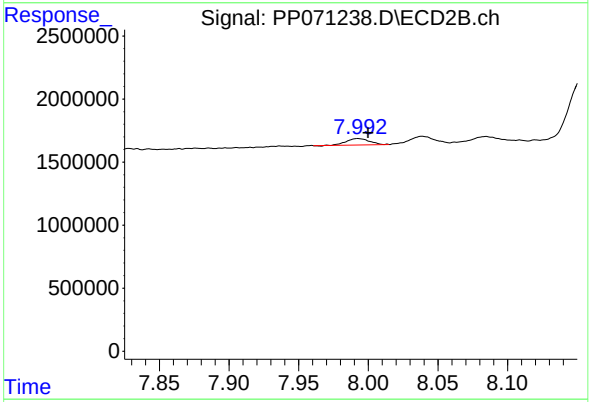
R.T.: 7.786 min
Delta R.T.: -0.007 min
Response: 35149878
Conc: 245.32 ng/ml



#43 AR-1268-3

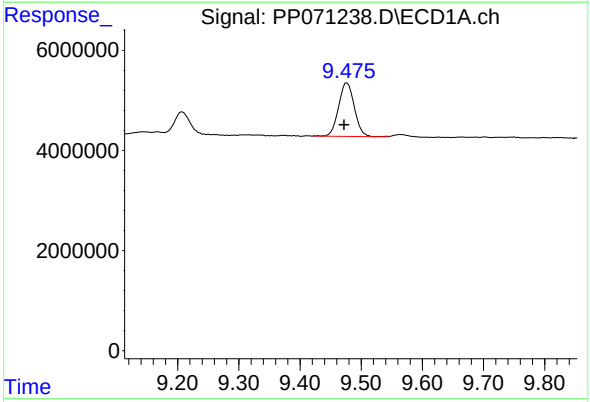
R.T.: 9.055 min
Delta R.T.: 0.002 min
Response: 949630
Conc: 5.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



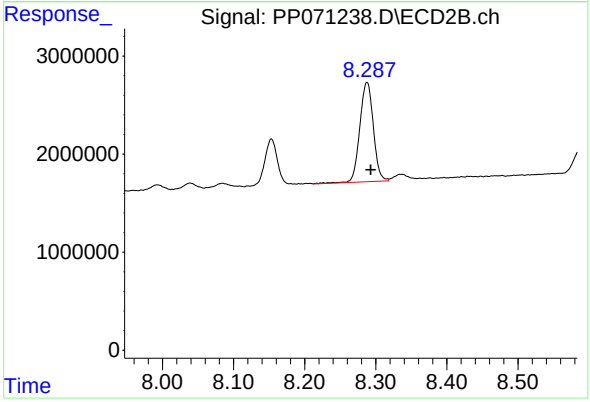
#43 AR-1268-3

R.T.: 7.993 min
Delta R.T.: -0.007 min
Response: 585286
Conc: 4.75 ng/ml



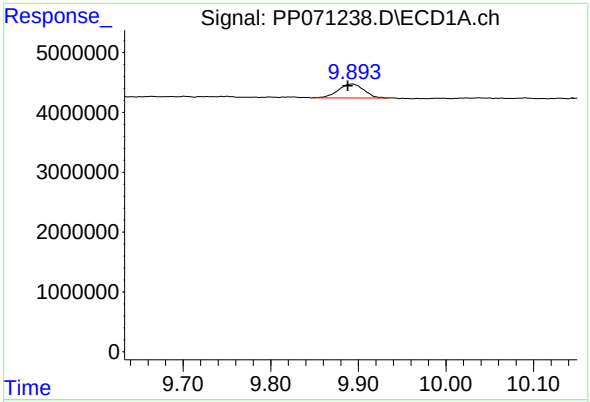
#44 AR-1268-4

R.T.: 9.477 min
Delta R.T.: 0.005 min
Response: 19102892
Conc: 270.02 ng/ml



#44 AR-1268-4

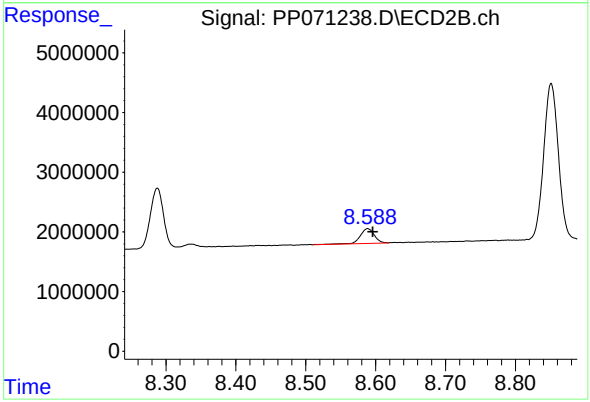
R.T.: 8.288 min
Delta R.T.: -0.005 min
Response: 13400829
Conc: 253.74 ng/ml



#45 AR-1268-5

R.T.: 9.894 min
Delta R.T.: 0.006 min
Response: 4756237
Conc: 9.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.589 min
Delta R.T.: -0.007 min
Response: 3539774
Conc: 9.78 ng/ml