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

DATA PACKAGE

GC SEMI-VOLATILES

PROJECT NAME : NWIRP BETHPAGE 112G08005-WE13

TETRA TECH NUS, INC.

661 Andersen Drive

Suite 200

Pittsburgh, PA - 15220-2745

Phone No: 412-921-7090

ORDER ID : Q3017

ATTENTION : Ernie Wu

Laboratory Certification ID # 20012

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Cover Page

Order ID : Q3017

Project ID : NWIRP Bethpage 112G08005-WE13

Client : Tetra Tech NUS, Inc.

Lab Sample Number	Client Sample Number
Q3017-01	BP-TB-20250903
Q3017-02	TT-076-IDWGW-20250903
Q3017-03	TT-077-IDWGW-20250903
Q3017-04	TT-078-IDWGW-20250903
Q3017-05	TT-079-IDWGW-20250903

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 : APPROVED
By Nimisha Pandya, QA/QC Supervisor at 2:14 pm, Sep 09, 2025

Date: 9/8/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Tetra Tech NUS, Inc.
Project Name: NWIRP Bethpage 112G08005-WE13
Project Manager: Ernie Wu
Order ID # Q3017
Test Name: PCB

A. Number of Samples and Date of Receipt:
4 Water samples were received on 09/04/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: PCB. 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 analyses were performed on instrument GCECD_O. 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 were met for all analysis.
The Retention Times were met for all analysis.
The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank Spike Duplicate met requirements for all compounds.
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 laboratory certifies that the all-electronic diskette deliverable exactly match the data summary forms (i.e. Form Is)."
The not QT review data is reported in the Miscellaneous.

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

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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 APPROVED
By Nimisha Pandya, QA/QC Supervisor at 2:15 pm, Sep 09, 2025

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

DATA REPORTING QUALIFIERS- ORGANIC

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

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

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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q3017 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 were met for all analysis.		✓	
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 compounds. The Blank Spike Duplicate met requirements for all compounds. The RPD were met for all analysis.			✓
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 laboratory certifies that the all-electronic diskette deliverable exactly match the data summary forms (i.e. Form Is)."

The not QT review data is reported in the Miscellaneous.

QA REVIEW

REVIEWED
By Sohil Jodhani, QA/QC Director at 9:08 am, Sep 09, 2025

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3017

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

QA Review Signature: SOHIL JODHANI **Date:** 09/08/2025

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LAB CHRONICLE

OrderID:	Q3017	**OrderDate:**	9/4/2025 10:17:00 AM
Client:	Tetra Tech NUS, Inc.	**Project:**	NWIRP Bethpage 112G08005-WE13
Contact:	Ernie Wu	**Location:**	J12,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3017-02	**TT-076-IDWGW-2025 0903**	**WATER**			**09/03/25**			**09/04/25**
			PCB	8082A		09/04/25	09/05/25	
Q3017-03	**TT-077-IDWGW-2025 0903**	**WATER**			**09/03/25**			**09/04/25**
			PCB	8082A		09/04/25	09/05/25	
Q3017-04	**TT-078-IDWGW-2025 0903**	**WATER**			**09/03/25**			**09/04/25**
			PCB	8082A		09/04/25	09/05/25	
Q3017-05	**TT-079-IDWGW-2025 0903**	**WATER**			**09/03/25**			**09/04/25**
			PCB	8082A		09/04/25	09/05/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3017 **Order ID:** Q3017

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

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

Client ID :

Total Concentration: **0.000**

QC SUMMARY

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Surrogate Summary

SDG No.: Q3017

Client: Tetra Tech NUS, Inc.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PO113002.D	PIBLK-PO113002.D	Tetrachloro-m-xyl	1	20	16.6	83		60	140
		Decachlorobiphen	1	20	17.2	86		60	140
		Tetrachloro-m-xyl	2	20	16.9	84		60	140
		Decachlorobiphen	2	20	18.1	91		60	140
I.BLK-PO113482.D	PIBLK-PO113482.D	Tetrachloro-m-xyl	1	20	18.8	94		60	140
		Decachlorobiphen	1	20	17.8	89		60	140
		Tetrachloro-m-xyl	2	20	18.2	91		60	140
		Decachlorobiphen	2	20	19.4	97		60	140
PB169547BL	PB169547BL	Tetrachloro-m-xyl	1	20	20.4	102		35	137
		Decachlorobiphen	1	20	18.9	95		40	135
		Tetrachloro-m-xyl	2	20	19.5	97		35	137
		Decachlorobiphen	2	20	20.6	103		40	135
PB169547BS	PB169547BS	Tetrachloro-m-xyl	1	20	20.2	101		35	137
		Decachlorobiphen	1	20	19.4	97		40	135
		Tetrachloro-m-xyl	2	20	19.2	96		35	137
		Decachlorobiphen	2	20	21.3	106		40	135
PB169547BSD	PB169547BSD	Tetrachloro-m-xyl	1	20	19.6	98		35	137
		Decachlorobiphen	1	20	18.8	94		40	135
		Tetrachloro-m-xyl	2	20	18.6	93		35	137
		Decachlorobiphen	2	20	20.5	102		40	135
I.BLK-PO113492.D	PIBLK-PO113492.D	Tetrachloro-m-xyl	1	20	19.6	98		60	140
		Decachlorobiphen	1	20	18.9	94		60	140
		Tetrachloro-m-xyl	2	20	18.6	93		60	140
		Decachlorobiphen	2	20	20.2	101		60	140
I.BLK-PP074490.D	PIBLK-PP074490.D	Tetrachloro-m-xyl	1	20	17.8	89		60	140
		Decachlorobiphen	1	20	18.2	91		60	140
		Tetrachloro-m-xyl	2	20	15.7	78		60	140
		Decachlorobiphen	2	20	16.9	85		60	140
I.BLK-PP074887.D	PIBLK-PP074887.D	Tetrachloro-m-xyl	1	20	18.0	90		60	140
		Decachlorobiphen	1	20	17.6	88		60	140
		Tetrachloro-m-xyl	2	20	16.6	83		60	140
		Decachlorobiphen	2	20	14.3	72		60	140
Q3017-02	TT-076-IDWGW-20250903	Tetrachloro-m-xyl	1	20	20.8	104		35	137
		Decachlorobiphen	1	20	19.3	97		40	135
		Tetrachloro-m-xyl	2	20	20.8	104		35	137
		Decachlorobiphen	2	20	15.9	80		40	135
Q3017-03	TT-077-IDWGW-20250903	Tetrachloro-m-xyl	1	20	18.6	93		35	137
		Decachlorobiphen	1	20	20.2	101		40	135
		Tetrachloro-m-xyl	2	20	18.3	91		35	137
		Decachlorobiphen	2	20	16.9	84		40	135
Q3017-04	TT-078-IDWGW-20250903	Tetrachloro-m-xyl	1	20	20.3	102		35	137

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Surrogate Summary

SDG No.: Q3017

Client: Tetra Tech NUS, Inc.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
Q3017-04	TT-078-IDWGW-20250903	Decachlorobiphen	1	20	18.2	91		40	135
		Tetrachloro-m-xyl	2	20	21.4	107		35	137
		Decachlorobiphen	2	20	14.7	73		40	135
Q3017-05	TT-079-IDWGW-20250903	Tetrachloro-m-xyl	1	20	21.0	105		35	137
		Decachlorobiphen	1	20	20.5	103		40	135
		Tetrachloro-m-xyl	2	20	24.9	124		35	137
		Decachlorobiphen	2	20	17.2	86		40	135
I.BLK-PP074898.D	PIBLK-PP074898.D	Tetrachloro-m-xyl	1	20	17.7	88		60	140
		Decachlorobiphen	1	20	17.2	86		60	140
		Tetrachloro-m-xyl	2	20	15.6	78		60	140
		Decachlorobiphen	2	20	13.9	70		60	140

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3017 **Analytical Method:** 8082A

Client: Tetra Tech NUS, Inc. **Datafile :** PO113484.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169547BS (Column 1)	AR1016	5	4.70	ug/L	94				46	129	
	AR1260	5	4.50	ug/L	90				45	134	
PB169547BS (Column 2)	AR1016	5	4.40	ug/L	88				46	129	
	AR1260	5	3.90	ug/L	78				45	134	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3017 **Analytical Method:** 8082A

Client: Tetra Tech NUS, Inc. **Datafile :** PO113485.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169547BSD (Column 1)	AR1016	5	4.70	ug/L	94	0			46	129	20
	AR1260	5	4.30	ug/L	86	5			45	134	20
PB169547BSD (Column 2)	AR1016	5	4.30	ug/L	86	2			46	129	20
	AR1260	5	3.80	ug/L	76	3			45	134	20

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB169547BL

Lab Name: Alliance | Contract: TETR06

Lab Code: ACE | SDG NO.: Q3017

Lab Sample ID: PB169547BL | Lab File ID: PO113483.D

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

Sulfur Cleanup: (Y/N) N | Date Extracted: 09/04/2025

Date Analyzed (1): 09/04/2025 | Date Analyzed (2): 09/04/2025

Time Analyzed (1): 20:56 | Time Analyzed (2): 20:56

Instrument ID (1): ECD_O | Instrument ID (2): ECD_O

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB169547BS	PB169547BS	PO113484.D	09/04/2025	09/04/2025
PB169547BSD	PB169547BSD	PO113485.D	09/04/2025	09/04/2025
TT-076-IDWGW-20250903	Q3017-02	PP074893.D	09/05/2025	09/05/2025
TT-077-IDWGW-20250903	Q3017-03	PP074894.D	09/05/2025	09/05/2025
TT-078-IDWGW-20250903	Q3017-04	PP074895.D	09/05/2025	09/05/2025
TT-079-IDWGW-20250903	Q3017-05	PP074896.D	09/05/2025	09/05/2025

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:	09/03/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/04/25
Client Sample ID:	TT-076-IDWGW-20250903	SDG No.:	Q3017
Lab Sample ID:	Q3017-02	Matrix:	WATER
Analytical Method:	8082A	% 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
PP074893.D	1	09/04/25 11:05	09/05/25 11:30	PB169547

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	20.8		35 - 137		104%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.3		40 - 135		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\PP090525\
Data File : PP074893.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 11:30
Operator : YP\AJ
Sample : Q3017-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TT-076-IDWGW-20250903

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:35:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.657	3.794	25428079	100.6E6	20.780	20.798m
2)	SA Decachlor...	10.433	8.805	19090789	119.6E6	19.332	15.949
	Target Compounds						

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

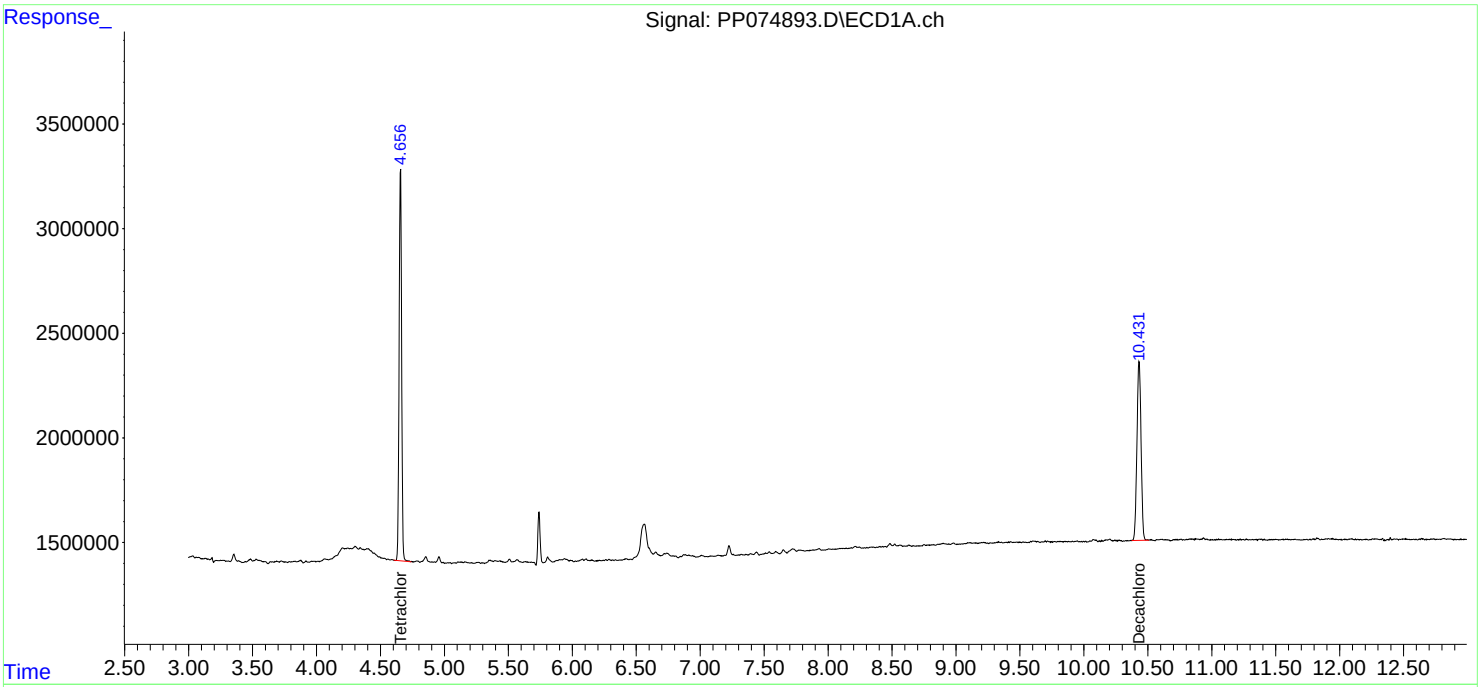
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074893.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 11:30
Operator : YP\AJ
Sample : Q3017-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

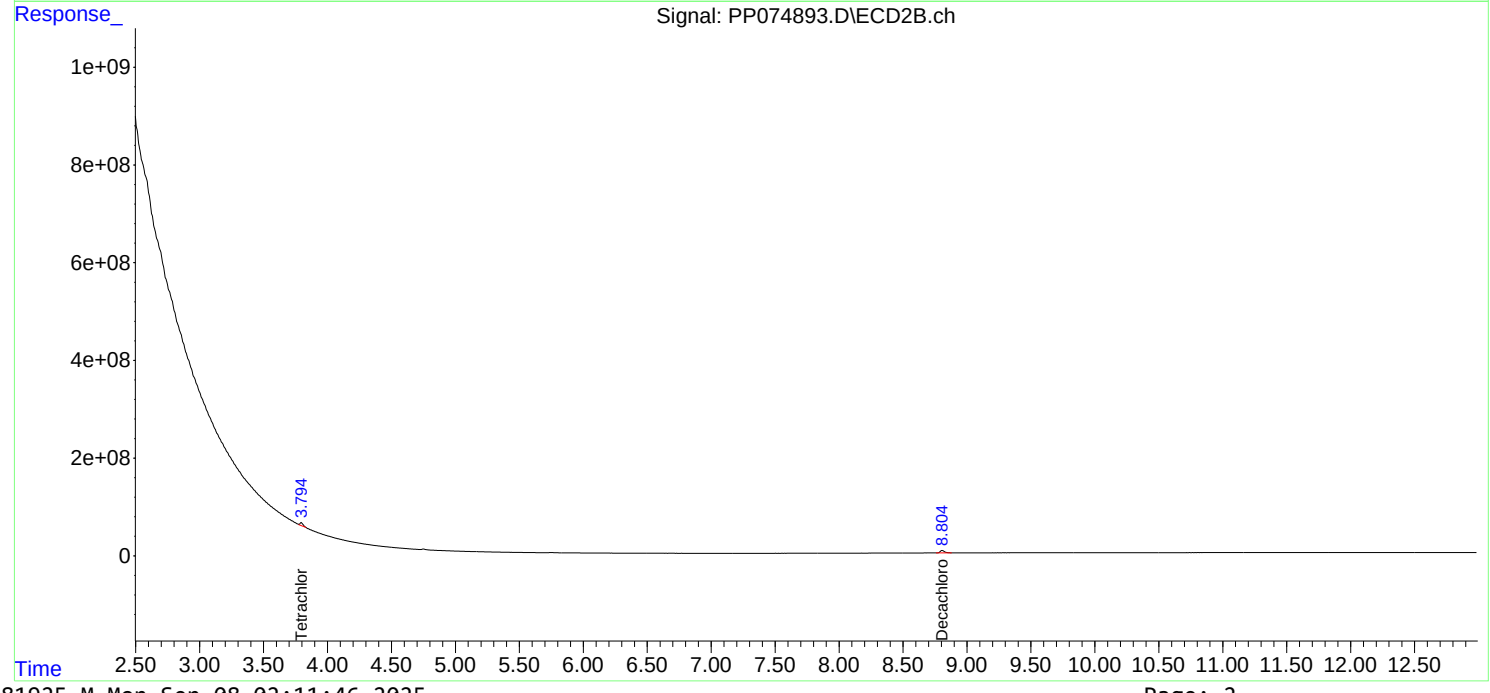
Instrument :
ECD_P
ClientSampleId :
TT-076-IDWGW-20250903

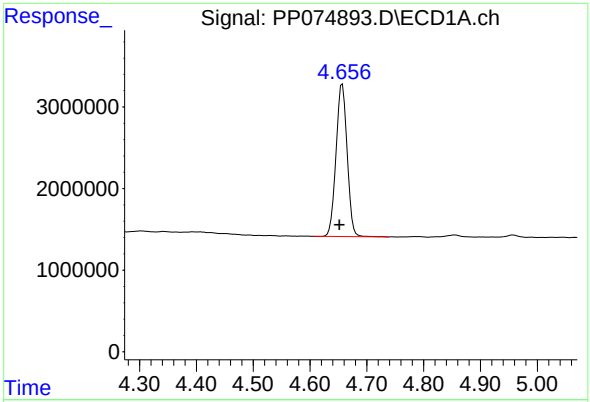
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:35:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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







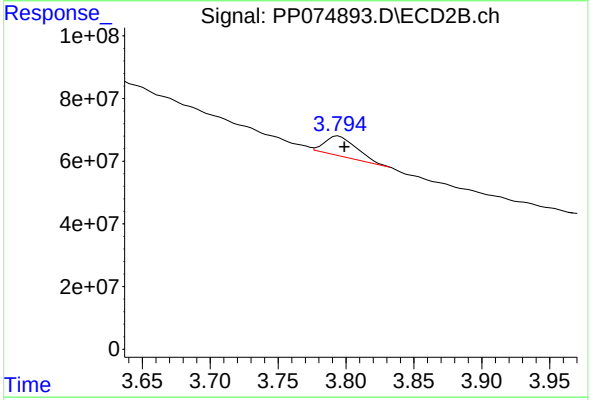
#1 Tetrachloro-m-xylene

R.T.: 4.657 min
Delta R.T.: 0.005 min
Response: 25428079
Conc: 20.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-076-IDWGW-20250903

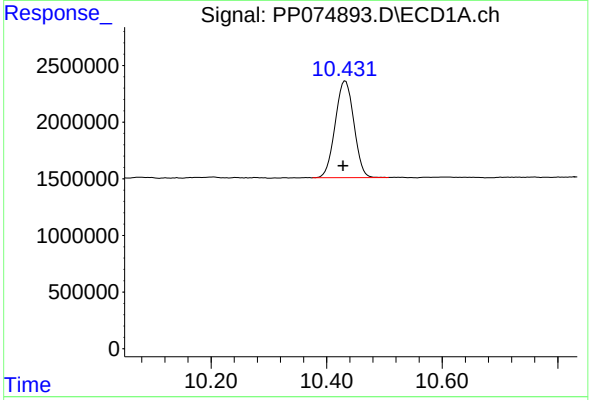
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025



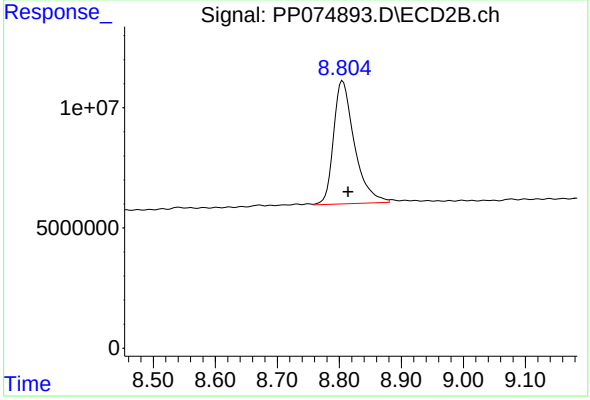
#1 Tetrachloro-m-xylene

R.T.: 3.794 min
Delta R.T.: -0.005 min
Response: 100568153
Conc: 20.80 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.004 min
Response: 19090789
Conc: 19.33 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.805 min
Delta R.T.: -0.008 min
Response: 119607939
Conc: 15.95 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:	09/03/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/04/25
Client Sample ID:	TT-077-IDWGW-20250903	SDG No.:	Q3017
Lab Sample ID:	Q3017-03	Matrix:	WATER
Analytical Method:	8082A	% 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
PP074894.D	1	09/04/25 11:05	09/05/25 11:46	PB169547

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	18.6		35 - 137		93%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.2		40 - 135		101%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074894.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 11:46
Operator : YP\AJ
Sample : Q3017-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TT-077-IDWGW-20250903

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:36:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.661	3.797	22746916	88292093	18.589	18.259m
2)	SA Decachlor...	10.437	8.810	19955169	126.6E6	20.208	16.877
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074894.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 11:46
Operator : YP\AJ
Sample : Q3017-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

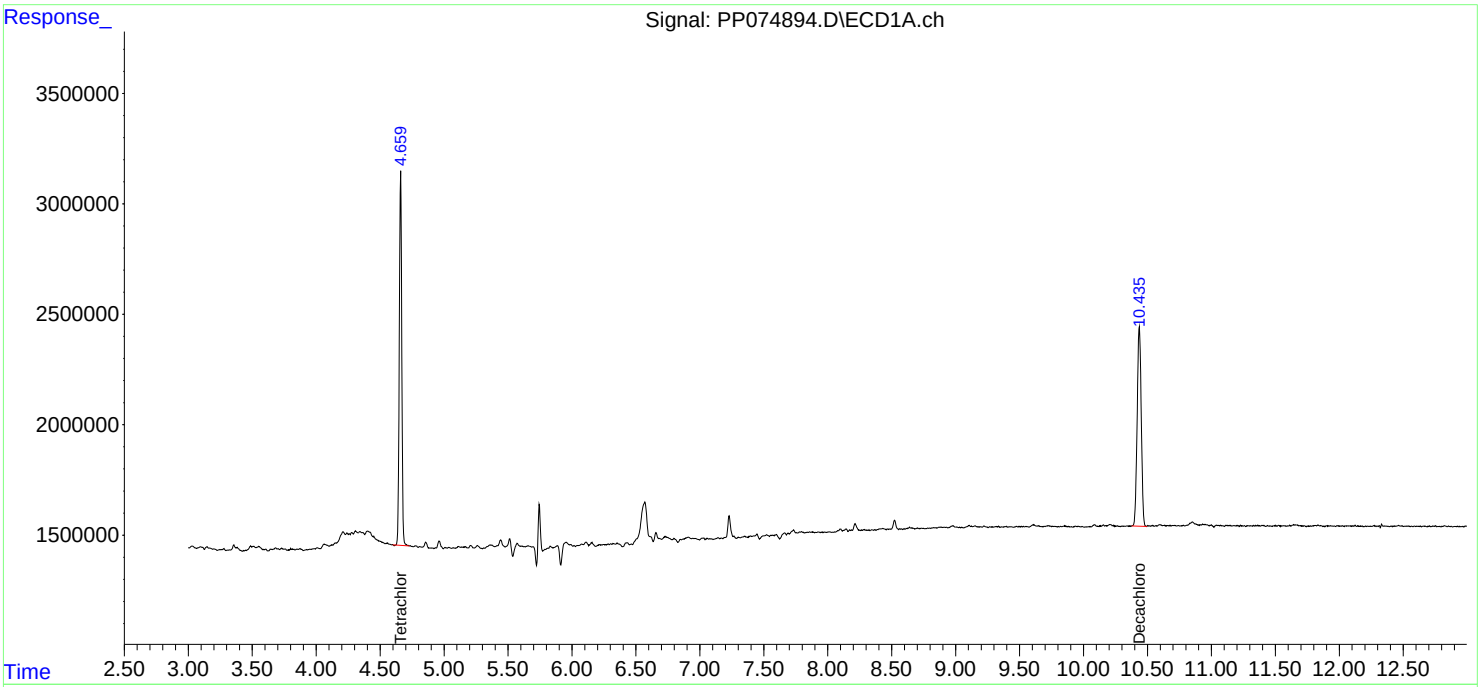
Instrument :
ECD_P
ClientSampleId :
TT-077-IDWGW-20250903

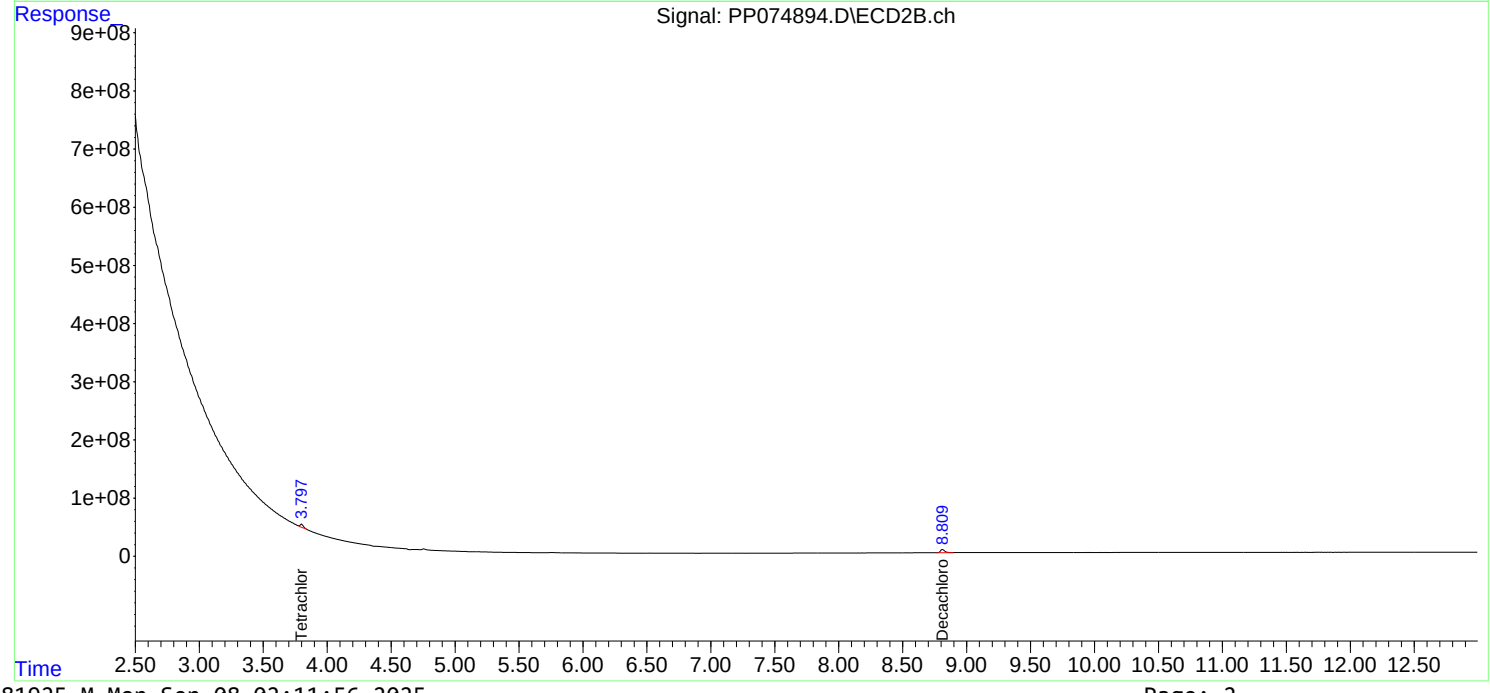
Manual Integrations APPROVED

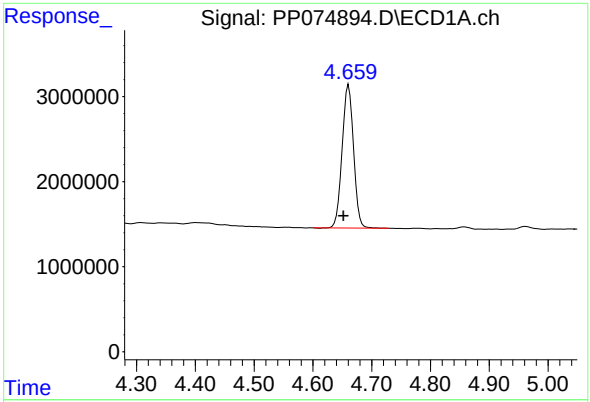
Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:36:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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







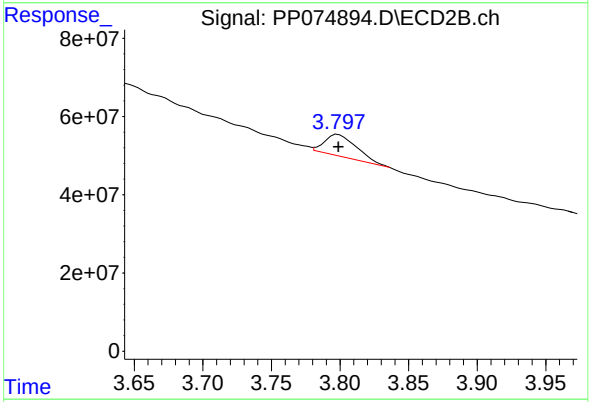
#1 Tetrachloro-m-xylene

R.T.: 4.661 min
Delta R.T.: 0.009 min
Response: 22746916
Conc: 18.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-077-IDWGW-20250903

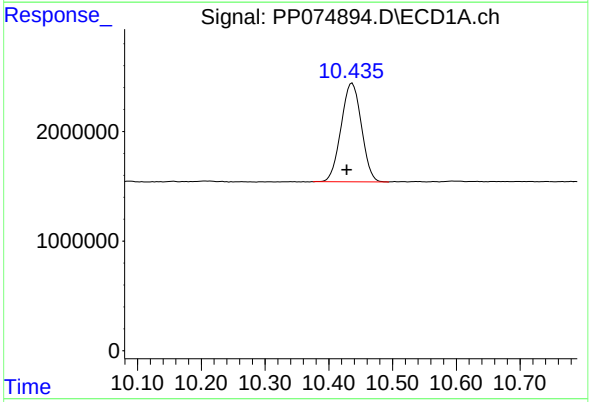
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025



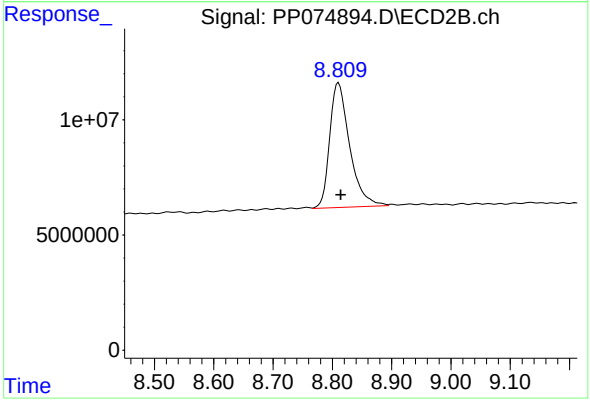
#1 Tetrachloro-m-xylene

R.T.: 3.797 min
Delta R.T.: -0.002 min
Response: 88292093
Conc: 18.26 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.008 min
Response: 19955169
Conc: 20.21 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.810 min
Delta R.T.: -0.003 min
Response: 126561882
Conc: 16.88 ng/ml

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	09/03/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/04/25
Client Sample ID:	TT-078-IDWGW-20250903	SDG No.:	Q3017
Lab Sample ID:	Q3017-04	Matrix:	WATER
Analytical Method:	8082A	% 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
PP074895.D	1	09/04/25 11:05	09/05/25 12:02	PB169547

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	21.4		35 - 137		107%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.2		40 - 135		91%	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\PP090525\
Data File : PP074895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 12:02
Operator : YP\AJ
Sample : Q3017-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TT-078-IDWGW-20250903

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:36:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.659	3.798	24859219	103.7E6	20.315	21.452m
2)	SA Decachlor...	10.435	8.808	17969567	110.1E6	18.197	14.684
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 12:02
Operator : YP\AJ
Sample : Q3017-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

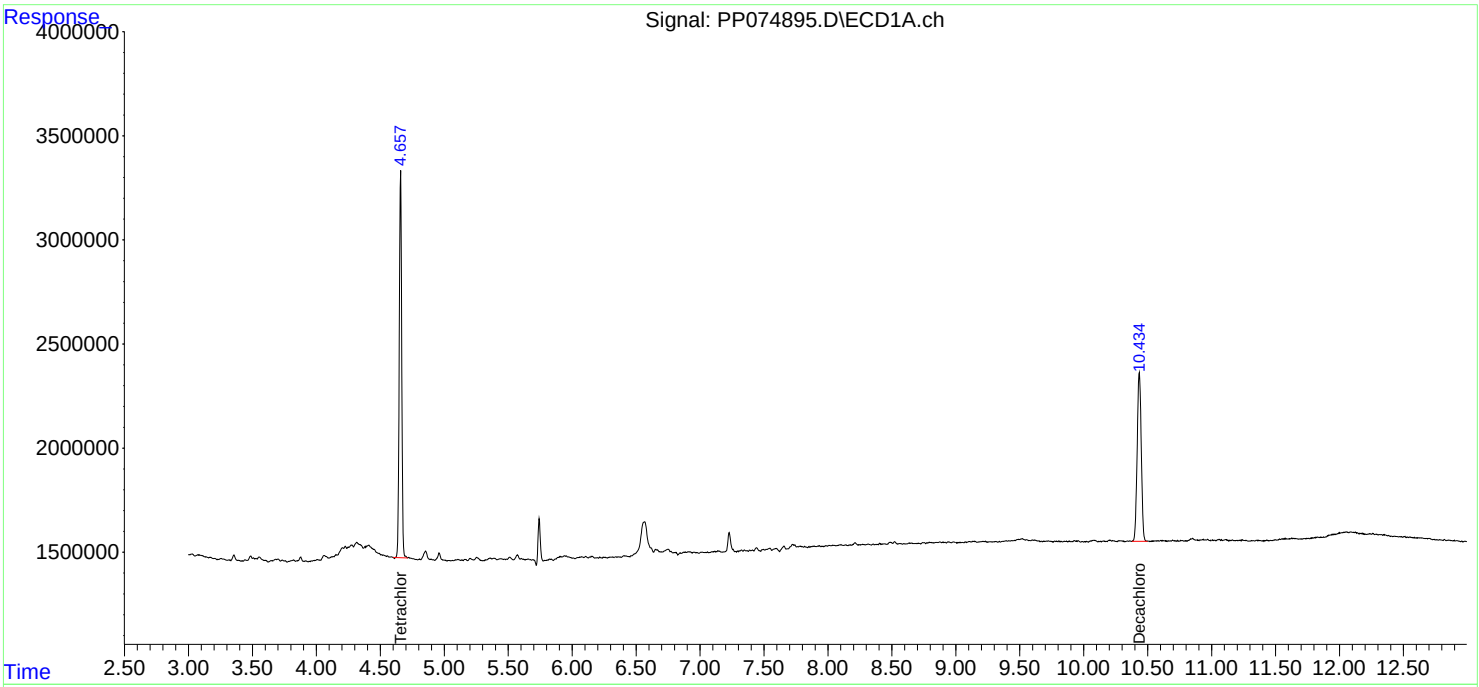
Instrument :
ECD_P
ClientSampleId :
TT-078-IDWGW-20250903

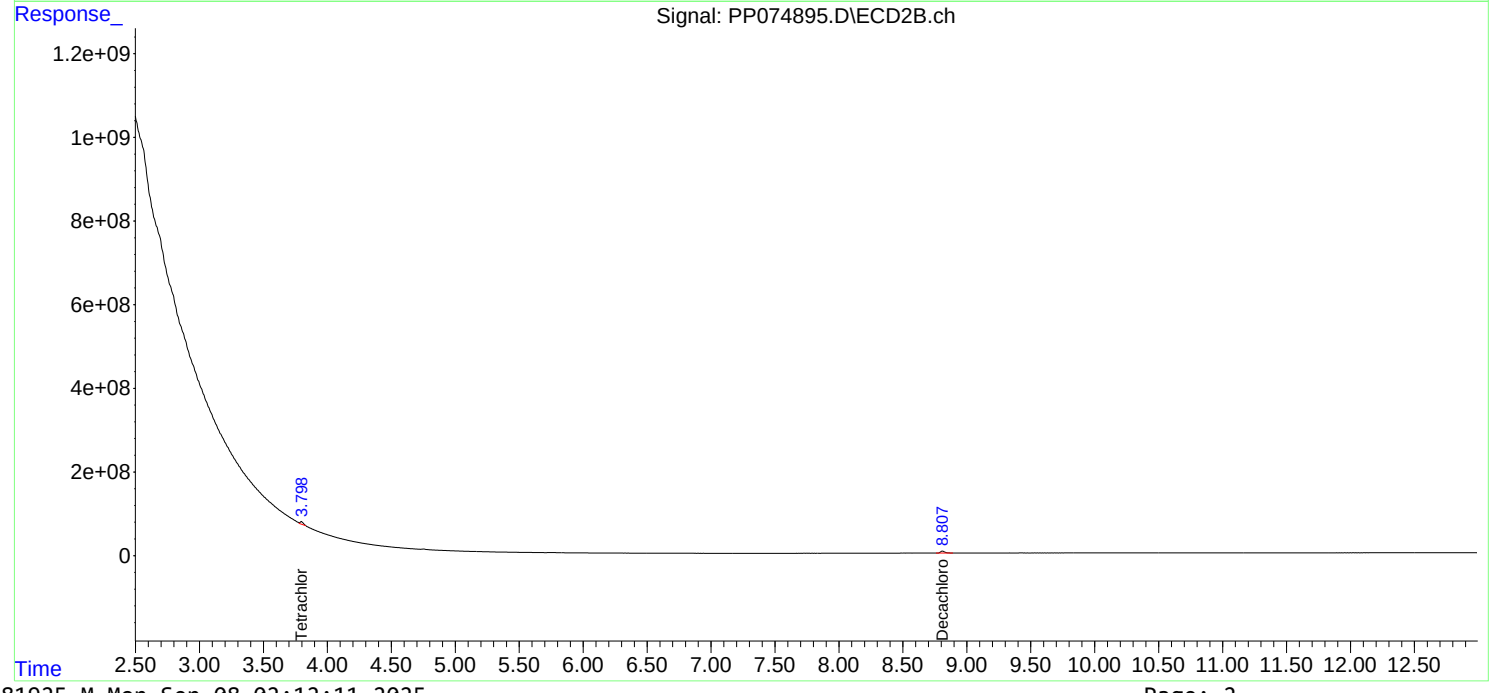
Manual Integrations APPROVED

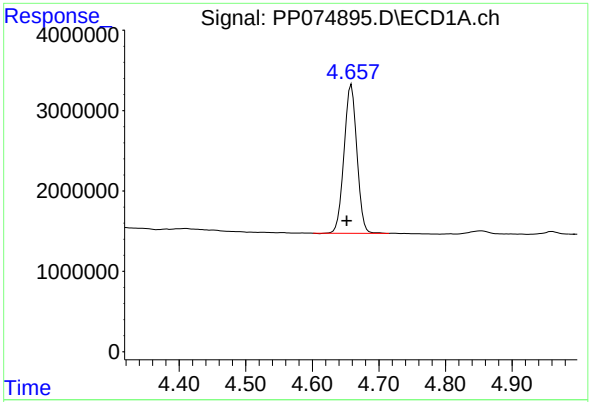
Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:36:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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







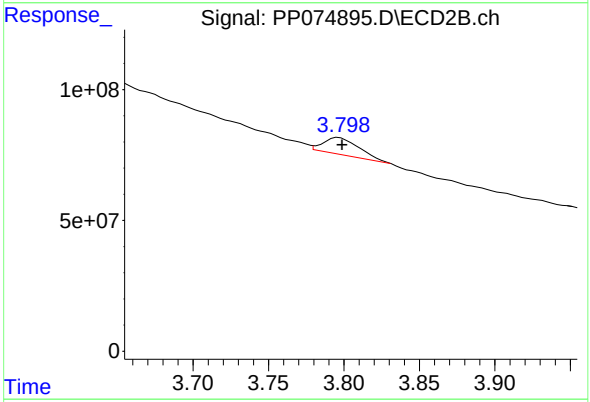
#1 Tetrachloro-m-xylene

R.T.: 4.659 min
Delta R.T.: 0.007 min
Response: 24859219
Conc: 20.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-078-IDWGW-20250903

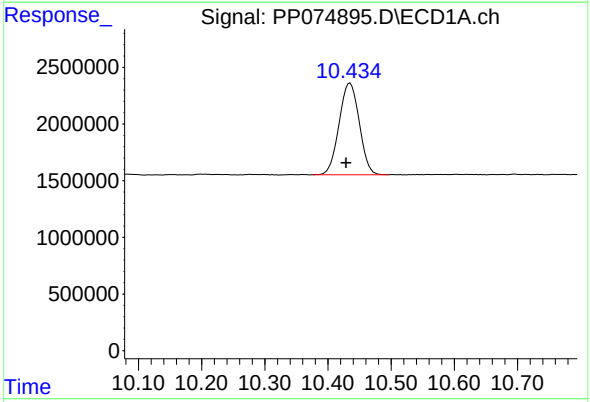
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025



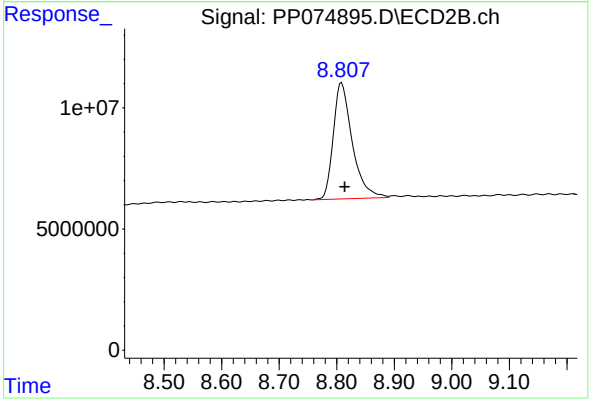
#1 Tetrachloro-m-xylene

R.T.: 3.798 min
Delta R.T.: 0.000 min
Response: 103730918
Conc: 21.45 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: 0.007 min
Response: 17969567
Conc: 18.20 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.808 min
Delta R.T.: -0.006 min
Response: 110117853
Conc: 14.68 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:	09/03/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/04/25
Client Sample ID:	TT-079-IDWGW-20250903	SDG No.:	Q3017
Lab Sample ID:	Q3017-05	Matrix:	WATER
Analytical Method:	8082A	% 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
PP074896.D	1	09/04/25 11:05	09/05/25 12:19	PB169547

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	24.9		35 - 137		124%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.5		40 - 135		103%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074896.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 12:19
Operator : YP\AJ
Sample : Q3017-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TT-079-IDWGW-20250903

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:36:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.659	3.801	25743119	120.4E6	21.037	24.890m
2)	SA Decachlor...	10.437	8.810	20245158	129.1E6	20.501	17.221
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074896.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 12:19
Operator : YP\AJ
Sample : Q3017-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

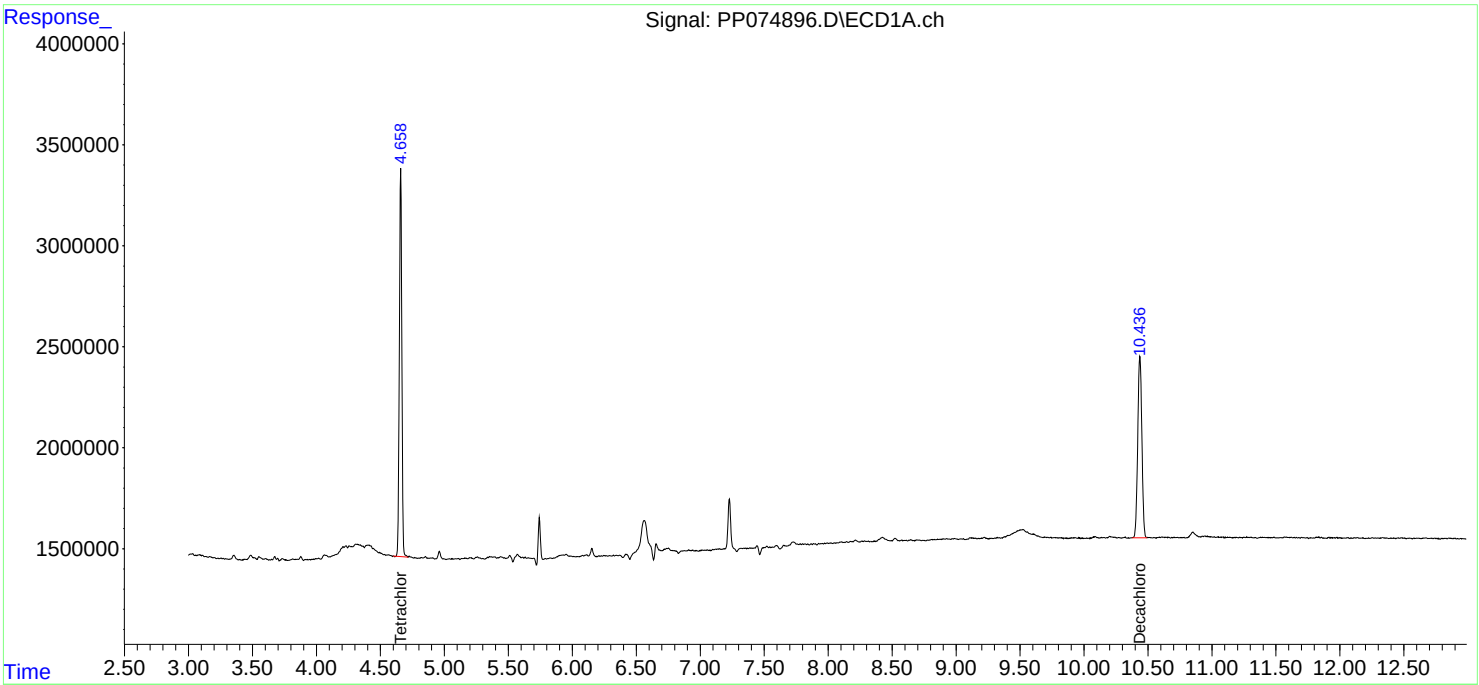
Instrument :
ECD_P
ClientSampleId :
TT-079-IDWGW-20250903

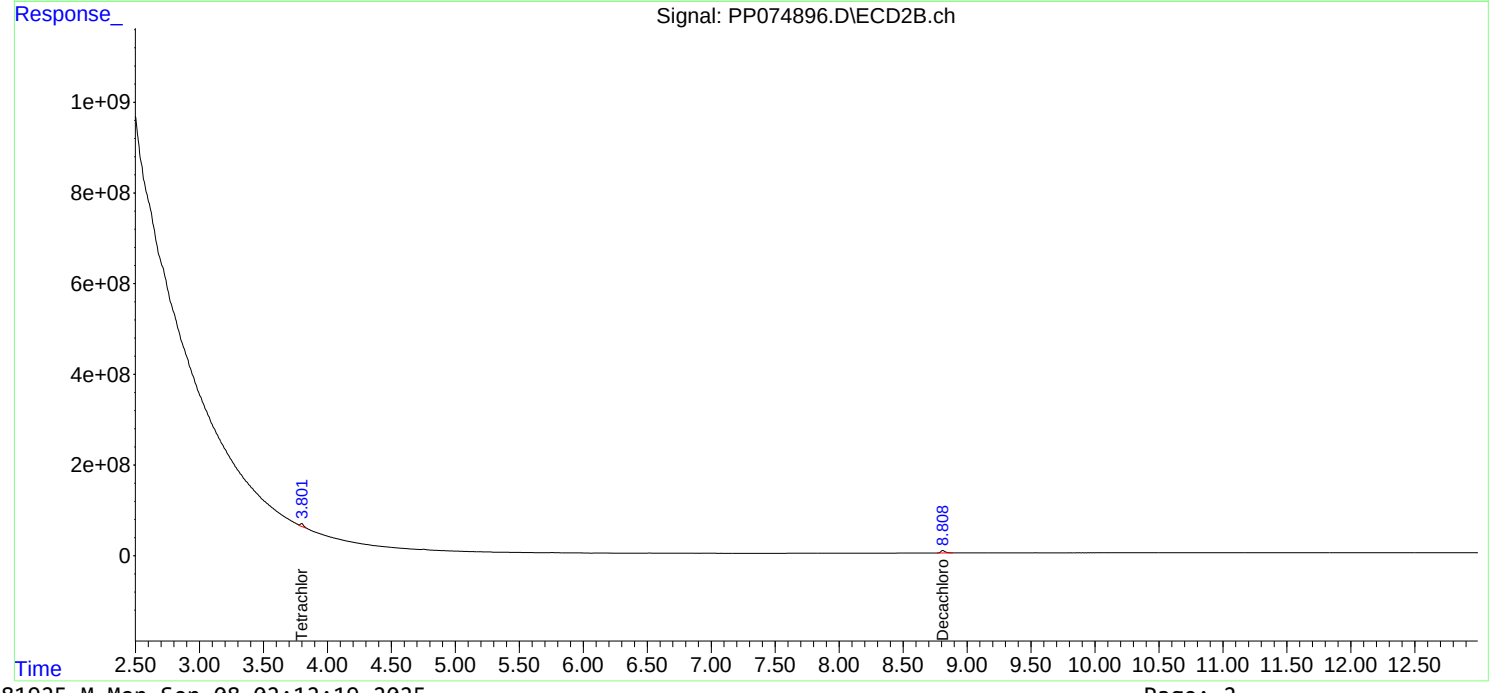
Manual Integrations APPROVED

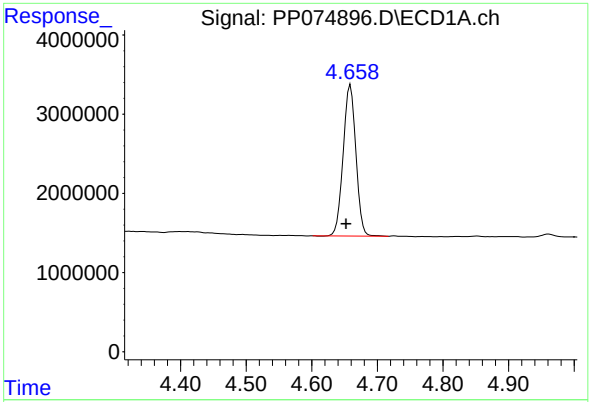
Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:36:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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







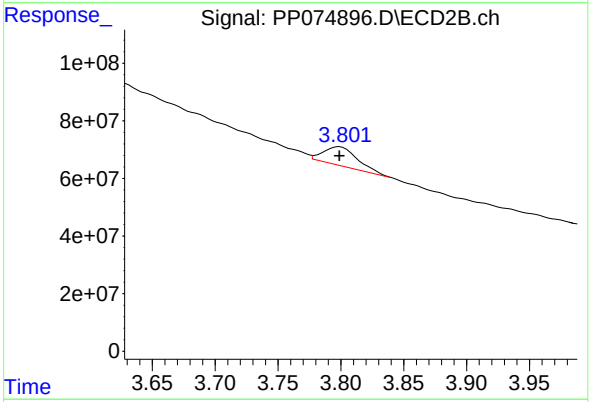
#1 Tetrachloro-m-xylene

R.T.: 4.659 min
Delta R.T.: 0.007 min
Response: 25743119
Conc: 21.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-079-IDWGW-20250903

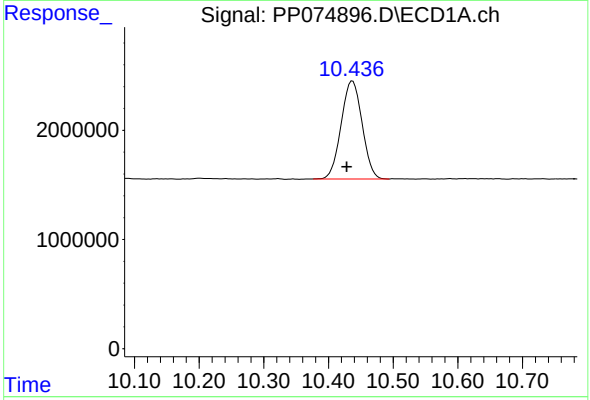
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025



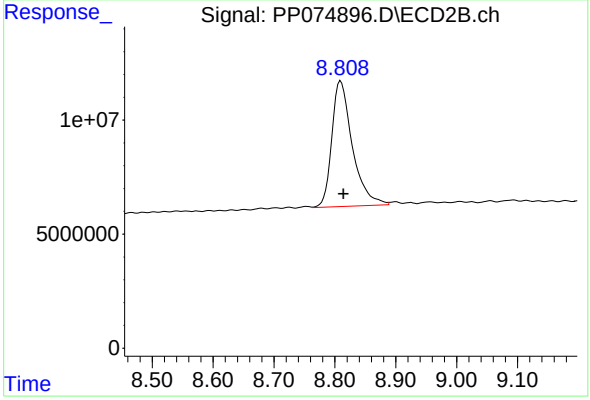
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: 0.003 min
Response: 120353402
Conc: 24.89 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.009 min
Response: 20245158
Conc: 20.50 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.810 min
Delta R.T.: -0.004 min
Response: 129143248
Conc: 17.22 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

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q3017

Instrument ID: ECD_O **Calibration Date(s):** 08/18/2025 08/18/2025

Calibration Times: 09:53 18:24

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

LAB FILE ID: RT 1000 = PO113003.D RT 750 = PO113004.D

RT 500 = PO113005.D RT 250 = PO113006.D RT 050 = PO113007.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.75	4.75	4.75	4.75	4.75	4.75	4.65	4.85
Aroclor-1016-2	(2)	4.77	4.77	4.77	4.77	4.77	4.77	4.67	4.87
Aroclor-1016-3	(3)	4.82	4.82	4.82	4.82	4.82	4.82	4.72	4.92
Aroclor-1016-4	(4)	4.94	4.94	4.94	4.94	4.94	4.94	4.84	5.04
Aroclor-1016-5	(5)	5.20	5.20	5.20	5.20	5.20	5.20	5.10	5.30
Aroclor-1260-1	(1)	6.24	6.24	6.24	6.24	6.23	6.24	6.14	6.34
Aroclor-1260-2	(2)	6.43	6.43	6.43	6.43	6.42	6.43	6.33	6.53
Aroclor-1260-3	(3)	6.79	6.79	6.79	6.79	6.79	6.79	6.69	6.89
Aroclor-1260-4	(4)	7.05	7.05	7.05	7.05	7.05	7.05	6.95	7.15
Aroclor-1260-5	(5)	7.29	7.29	7.29	7.29	7.29	7.29	7.19	7.39
Decachlorobiphenyl		8.68	8.68	8.68	8.68	8.68	8.68	8.58	8.78
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1242-1	(1)	4.75	4.75	4.75	4.75	4.75	4.75	4.65	4.85
Aroclor-1242-2	(2)	4.77	4.77	4.77	4.77	4.77	4.77	4.67	4.87
Aroclor-1242-3	(3)	4.82	4.82	4.82	4.82	4.82	4.82	4.72	4.92
Aroclor-1242-4	(4)	4.94	4.94	4.94	4.94	4.94	4.94	4.84	5.04
Aroclor-1242-5	(5)	5.59	5.59	5.59	5.59	5.59	5.59	5.49	5.69
Decachlorobiphenyl		8.68	8.68	8.68	8.68	8.68	8.68	8.58	8.78
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1248-1	(1)	4.75	4.75	4.75	4.75	4.75	4.75	4.65	4.85
Aroclor-1248-2	(2)	4.99	4.99	4.98	4.99	4.99	4.99	4.89	5.09
Aroclor-1248-3	(3)	5.20	5.20	5.20	5.20	5.20	5.20	5.10	5.30
Aroclor-1248-4	(4)	5.55	5.55	5.55	5.55	5.55	5.55	5.45	5.65
Aroclor-1248-5	(5)	5.59	5.59	5.59	5.59	5.59	5.59	5.49	5.69
Decachlorobiphenyl		8.68	8.68	8.68	8.68	8.68	8.68	8.58	8.78
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1254-1	(1)	5.55	5.55	5.55	5.55	5.55	5.55	5.45	5.65
Aroclor-1254-2	(2)	5.70	5.70	5.70	5.70	5.70	5.70	5.60	5.80
Aroclor-1254-3	(3)	6.10	6.11	6.11	6.11	6.11	6.11	6.01	6.21
Aroclor-1254-4	(4)	6.33	6.34	6.34	6.34	6.34	6.34	6.24	6.44
Aroclor-1254-5	(5)	6.75	6.75	6.75	6.75	6.75	6.75	6.65	6.85
Decachlorobiphenyl		8.68	8.68	8.68	8.68	8.68	8.68	8.58	8.78
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1268-1	(1)	7.58	7.57	7.58	7.58	7.58	7.58	7.48	7.68
Aroclor-1268-2	(2)	7.64	7.64	7.64	7.64	7.64	7.64	7.54	7.74
Aroclor-1268-3	(3)	7.85	7.84	7.85	7.85	7.85	7.85	7.75	7.95
Aroclor-1268-4	(4)	8.14	8.13	8.14	8.13	8.14	8.14	8.04	8.24
Aroclor-1268-5	(5)	8.43	8.43	8.43	8.43	8.43	8.43	8.33	8.53

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.68	8.68	8.68	8.68	8.68	8.68	8.58	8.78
Tetrachloro-m-xylene	3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76

Alliance TECHNICAL GROUP
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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q3017

Instrument ID: ECD_O **Calibration Date(s):** 08/18/2025 08/18/2025

Calibration Times: 09:53 18:24

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

LAB FILE ID: RT 1000 = PO113003.D RT 750 = PO113004.D

RT 500 = PO113005.D RT 250 = PO113006.D RT 050 = PO113007.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.83
Aroclor-1016-2	(2)	4.75	4.75	4.75	4.75	4.75	4.75	4.65	4.85
Aroclor-1016-3	(3)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1016-4	(4)	4.96	4.97	4.96	4.97	4.96	4.96	4.86	5.06
Aroclor-1016-5	(5)	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
Aroclor-1260-1	(1)	6.20	6.20	6.20	6.20	6.20	6.20	6.10	6.30
Aroclor-1260-2	(2)	6.39	6.39	6.39	6.39	6.39	6.39	6.29	6.49
Aroclor-1260-3	(3)	6.54	6.54	6.54	6.54	6.54	6.54	6.44	6.64
Aroclor-1260-4	(4)	7.01	7.01	7.01	7.01	7.01	7.01	6.91	7.11
Aroclor-1260-5	(5)	7.26	7.26	7.26	7.26	7.25	7.26	7.16	7.36
Decachlorobiphenyl		8.63	8.63	8.63	8.63	8.63	8.63	8.53	8.73
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.65	3.66	3.56	3.76
Aroclor-1242-1	(1)	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.83
Aroclor-1242-2	(2)	4.75	4.75	4.75	4.75	4.75	4.75	4.65	4.85
Aroclor-1242-3	(3)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1242-4	(4)	5.01	5.01	5.01	5.01	5.01	5.01	4.91	5.11
Aroclor-1242-5	(5)	5.53	5.53	5.53	5.53	5.53	5.53	5.43	5.63
Decachlorobiphenyl		8.63	8.63	8.63	8.63	8.63	8.63	8.53	8.73
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1248-1	(1)	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.83
Aroclor-1248-2	(2)	4.97	4.96	4.96	4.97	4.96	4.96	4.86	5.06
Aroclor-1248-3	(3)	5.01	5.01	5.01	5.01	5.01	5.01	4.91	5.11
Aroclor-1248-4	(4)	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
Aroclor-1248-5	(5)	5.57	5.57	5.57	5.57	5.57	5.57	5.47	5.67
Decachlorobiphenyl		8.63	8.63	8.63	8.63	8.63	8.63	8.53	8.73
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1254-1	(1)	5.53	5.53	5.53	5.53	5.53	5.53	5.43	5.63
Aroclor-1254-2	(2)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1254-3	(3)	6.07	6.07	6.07	6.07	6.07	6.07	5.97	6.17
Aroclor-1254-4	(4)	6.30	6.30	6.30	6.30	6.30	6.30	6.20	6.40
Aroclor-1254-5	(5)	6.72	6.72	6.72	6.72	6.72	6.72	6.62	6.82
Decachlorobiphenyl		8.63	8.63	8.63	8.63	8.63	8.63	8.53	8.73
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1268-1	(1)	7.54	7.54	7.54	7.54	7.54	7.54	7.44	7.64
Aroclor-1268-2	(2)	7.60	7.60	7.60	7.60	7.60	7.60	7.50	7.70
Aroclor-1268-3	(3)	7.81	7.80	7.81	7.80	7.80	7.80	7.70	7.90
Aroclor-1268-4	(4)	8.09	8.09	8.09	8.09	8.09	8.09	7.99	8.19
Aroclor-1268-5	(5)	8.38	8.38	8.38	8.38	8.38	8.38	8.28	8.48

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.63	8.63	8.63	8.63	8.63	8.63	8.53	8.73
Tetrachloro-m-xylene	3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_O

Contract: TETR06
SDG NO.: Q3017
Calibration Date(s): 08/18/2025 08/18/2025
Calibration Times: 09:53 18:24

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

LAB FILE ID: CF 1000 = PO113003.D CF 750 = PO113004.D
CF 500 = PO113005.D CF 250 = PO113006.D CF 050 = PO113007.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	255371052	268882561	275934040	276241276	258494960	266984778	4
Aroclor-1016-2	(2)	386597005	407445280	416148678	417991420	378975420	401431561	4
Aroclor-1016-3	(3)	240674907	253345352	260103296	260910040	260078600	255022439	3
Aroclor-1016-4	(4)	200488933	211018755	217396840	218446060	242989580	218068034	7
Aroclor-1016-5	(5)	201770173	209979241	223743332	226026380	246620380	221627901	8
Aroclor-1260-1	(1)	410428218	427895784	448350422	466101308	477127140	445980574	6
Aroclor-1260-2	(2)	647927331	671777743	694591256	718069576	701240300	686721241	4
Aroclor-1260-3	(3)	589701211	617064005	642929590	643696764	593976440	617473602	4
Aroclor-1260-4	(4)	414110693	436180457	452681312	475292936	461106740	447874428	5
Aroclor-1260-5	(5)	1160238835	1200115325	1238734248	1265998100	1188334440	1210684190	3
Decachlorobiphenyl		6690212690	6905027373	7141319640	7175759920	6744868400	6931437605	3
Tetrachloro-m-xylene		8029674340	8350369867	8441238500	8370538000	7741099400	8186584021	4
Aroclor-1242-1	(1)	219003807	233526197	242788968	240725264	213615160	229931879	6
Aroclor-1242-2	(2)	327976735	344946825	364718188	364178480	316305340	343625114	6
Aroclor-1242-3	(3)	205275217	218054489	227356174	226343432	232391780	221884218	5
Aroclor-1242-4	(4)	165269678	175377872	183337550	185157480	158170880	173462692	7
Aroclor-1242-5	(5)	180656505	196650337	209535050	215724772	198244940	200162321	7
Decachlorobiphenyl		6983751120	7199555547	7360295780	7264103480	6074426600	6976426505	7
Tetrachloro-m-xylene		7902542970	8274474280	8655126880	8517047440	6985096600	8066857634	8
Aroclor-1248-1	(1)	177555092	181269211	184034788	180488664	148983880	174466327	8
Aroclor-1248-2	(2)	240102006	246360772	247113578	251916636	223835260	241865650	5
Aroclor-1248-3	(3)	306109229	315711316	329615046	318673876	324209820	318863857	3
Aroclor-1248-4	(4)	475546851	491209784	508332020	505821844	517111680	499604436	3
Aroclor-1248-5	(5)	324226410	338835636	348307430	339859680	356228800	341491591	4
Decachlorobiphenyl		7181659070	7514737493	7570052300	7529287200	6075985600	7174344333	9
Tetrachloro-m-xylene		8381826150	8547750707	8588948580	8387451840	6708360600	8122867575	10
Aroclor-1254-1	(1)	499551241	515351475	527161470	563388796	594438580	539978312	7
Aroclor-1254-2	(2)	454632825	464341571	479773010	512965400	555557200	493454001	8
Aroclor-1254-3	(3)	711089310	727800197	738817928	777856740	738821820	738877199	3
Aroclor-1254-4	(4)	533028449	548551808	553178702	579063696	571175320	556999595	3
Aroclor-1254-5	(5)	687979747	697879139	702021496	740623884	676364320	700973717	3
Decachlorobiphenyl		7131515840	7330561920	7448714920	7630980560	6693328400	7247020328	5
Tetrachloro-m-xylene		8126881990	8349680347	8316489120	8586551360	7297838200	8135488203	6
Aroclor-1268-1	(1)	1761014831	1774598480	1803892944	1840793296	1424143680	1720888646	10

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1477166466	1492439849	1517161498	1547779236	1206191000	1448147610	10
Aroclor-1268-3	(3)	1233609752	1245280741	1270713242	1291388356	990581680	1206314754	10
Aroclor-1268-4	(4)	475808490	479214719	476669802	493044724	378582420	460664031	10
Aroclor-1268-5	(5)	3340543820	3334721212	3351512988	3373775928	2541501700	3188411130	11
Decachlorobiphenyl		13573084670	13653631320	13924005880	14188212680	11035945600	13274976030	10
Tetrachloro-m-xylene		8383283840	8466545813	8477460740	8727640480	6548042000	8120594575	11

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Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_O

Contract: TETR06
SDG NO.: Q3017
Calibration Date(s): 08/18/2025 08/18/2025
Calibration Times: 09:53 18:24

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

LAB FILE ID: CF 1000 = PO113003.D CF 750 = PO113004.D
CF 500 = PO113005.D CF 250 = PO113006.D CF 050 = PO113007.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	157648421	166338757	175029528	179513524	174338440	170573734	5
Aroclor-1016-2	(2)	242743120	252380695	260324992	267711416	265120000	257656045	4
Aroclor-1016-3	(3)	126993760	133087225	138404134	144167804	155418980	139614381	8
Aroclor-1016-4	(4)	100459724	106574292	112469896	119612944	144377780	116698927	15
Aroclor-1016-5	(5)	128106279	134710951	142286356	148407360	159139040	142529997	8
Aroclor-1260-1	(1)	228928107	240864928	252574738	272240464	280735880	255068823	8
Aroclor-1260-2	(2)	313918308	328124507	343910348	357024580	385581120	345711773	8
Aroclor-1260-3	(3)	262510074	276701705	293612640	313010736	341333940	297433819	10
Aroclor-1260-4	(4)	185941664	193924396	204255296	207408028	244718200	207249517	11
Aroclor-1260-5	(5)	425960236	439043723	465902736	470000160	541240260	468429423	10
Decachlorobiphenyl		1831064100	1917365987	1985856160	1994289280	1745675200	1894850145	6
Tetrachloro-m-xylene		4916768960	5105759507	5187285900	5153639000	4939804600	5060651593	2
Aroclor-1242-1	(1)	133881576	143118904	152394738	156445124	136681500	144504368	7
Aroclor-1242-2	(2)	203955870	217199904	228051544	234362648	200985900	216911173	7
Aroclor-1242-3	(3)	105689998	114133919	120912152	123685124	120400300	116964299	6
Aroclor-1242-4	(4)	101683397	110649877	117620438	123213288	135019900	117637380	11
Aroclor-1242-5	(5)	136091884	145976403	155166798	162502892	145926680	149132931	7
Decachlorobiphenyl		1868057120	1957140320	2005702880	2020794160	1772529000	1924844696	5
Tetrachloro-m-xylene		4825813680	5071335853	5270165440	5270477280	4505798600	4988718171	7
Aroclor-1248-1	(1)	108471143	113278465	116916398	117022156	101871080	111511848	6
Aroclor-1248-2	(2)	150794660	157713281	163410186	169101272	162475680	160699016	4
Aroclor-1248-3	(3)	159433549	166390719	173042032	176703836	172733300	169660687	4
Aroclor-1248-4	(4)	188271317	195815885	204890460	209017568	198105260	199220098	4
Aroclor-1248-5	(5)	194018440	203934763	211803632	222502412	229222700	212296389	7
Decachlorobiphenyl		1895882940	1980749933	2008729920	2044623040	1730989400	1932195047	6
Tetrachloro-m-xylene		5046994300	5155202453	5203435340	5076525520	4220137200	4940458963	8
Aroclor-1254-1	(1)	288848558	302797836	311612874	336218560	337291100	315353786	7
Aroclor-1254-2	(2)	255015428	266176108	276603524	303614928	300286060	280339210	8
Aroclor-1254-3	(3)	394658183	407977155	416043550	446405672	419527560	416922424	5
Aroclor-1254-4	(4)	258230294	268632580	273598908	289141772	284574380	274835587	5
Aroclor-1254-5	(5)	325480526	337925896	351521312	371760832	400764340	357490581	8
Decachlorobiphenyl		1855582740	1926836507	1973181280	2039405120	1846968600	1928394849	4
Tetrachloro-m-xylene		4911279290	5066835907	5059128600	5241425160	4670568800	4989847551	4
Aroclor-1268-1	(1)	505322959	499938980	529404120	551503232	461152840	509464426	7

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	411828393	408615411	431678690	446034816	378854460	415402354	6
Aroclor-1268-3	(3)	321714437	321009472	339466898	353051976	297302600	326509077	6
Aroclor-1268-4	(4)	120303152	122244828	123085728	129780148	106749080	120432587	7
Aroclor-1268-5	(5)	793658604	796742752	812678858	835111136	666596880	780957646	8
Decachlorobiphenyl		3468678600	3498241200	3592049560	3737387920	2992120000	3457695456	8
Tetrachloro-m-xylene		5091723140	5143743093	5120936720	5368398520	4128952800	4970750855	10

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q3017

Instrument ID: ECD_O **Date(s) Analyzed:** 08/18/2025 08/18/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.87	3.77	3.97	93573200
		2	3.96	3.86	4.06	67550600
		3	4.04	3.94	4.14	221352000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.04	3.94	4.14	174006000
		2	4.53	4.43	4.63	99852400
		3	4.77	4.67	4.87	189475000
		4	4.94	4.84	5.04	94169600
		5	4.99	4.89	5.09	61943000
Aroclor-1262	500	1	6.79	6.69	6.89	915764000
		2	7.29	7.19	7.39	1512160000
		3	7.58	7.48	7.68	554108000
		4	7.64	7.54	7.74	977968000
		5	8.14	8.04	8.24	416878000

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q3017

Instrument ID: ECD_O **Date(s) Analyzed:** 08/18/2025 08/18/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.86	3.76	3.96	63121200
		2	3.95	3.85	4.05	46673200
		3	4.02	3.92	4.12	148475000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.02	3.92	4.12	117403000
		2	4.75	4.65	4.85	122545000
		3	4.92	4.82	5.02	63345600
		4	5.01	4.91	5.11	56221200
		5	5.18	5.08	5.28	59863600
Aroclor-1262	500	1	6.76	6.66	6.86	414614000
		2	7.26	7.16	7.36	517670000
		3	7.54	7.44	7.64	179590000
		4	7.60	7.50	7.70	289902000
		5	8.09	7.99	8.19	108331000

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113003.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 09:53
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 10:58:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 18 10:55:18 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.663	3.655	803.0E6	491.7E6	97.501	97.323
2)	SA Decachlor...	8.682	8.628	669.0E6	183.1E6	96.739	95.945
	Target Compounds						
3)	L1 AR-1016-1	4.748	4.729	255.4E6	157.6E6	961.297	947.754
4)	L1 AR-1016-2	4.767	4.747	386.6E6	242.7E6	963.187	965.051
5)	L1 AR-1016-3	4.823	4.922	240.7E6	127.0E6	961.204	957.007
6)	L1 AR-1016-4	4.943	4.964	200.5E6	100.5E6	959.539	943.596
7)	L1 AR-1016-5	5.200	5.176	201.8E6	128.1E6	948.361	947.557
31)	L7 AR-1260-1	6.236	6.204	410.4E6	228.9E6	955.842	950.890
32)	L7 AR-1260-2	6.425	6.393	647.9E6	313.9E6	965.242	954.408
33)	L7 AR-1260-3	6.792	6.544	589.7E6	262.5E6	956.817	944.072
34)	L7 AR-1260-4	7.050	7.013	414.1E6	185.9E6	955.502	953.066
35)	L7 AR-1260-5	7.294	7.255	1160.2E6	426.0E6	967.280	955.215

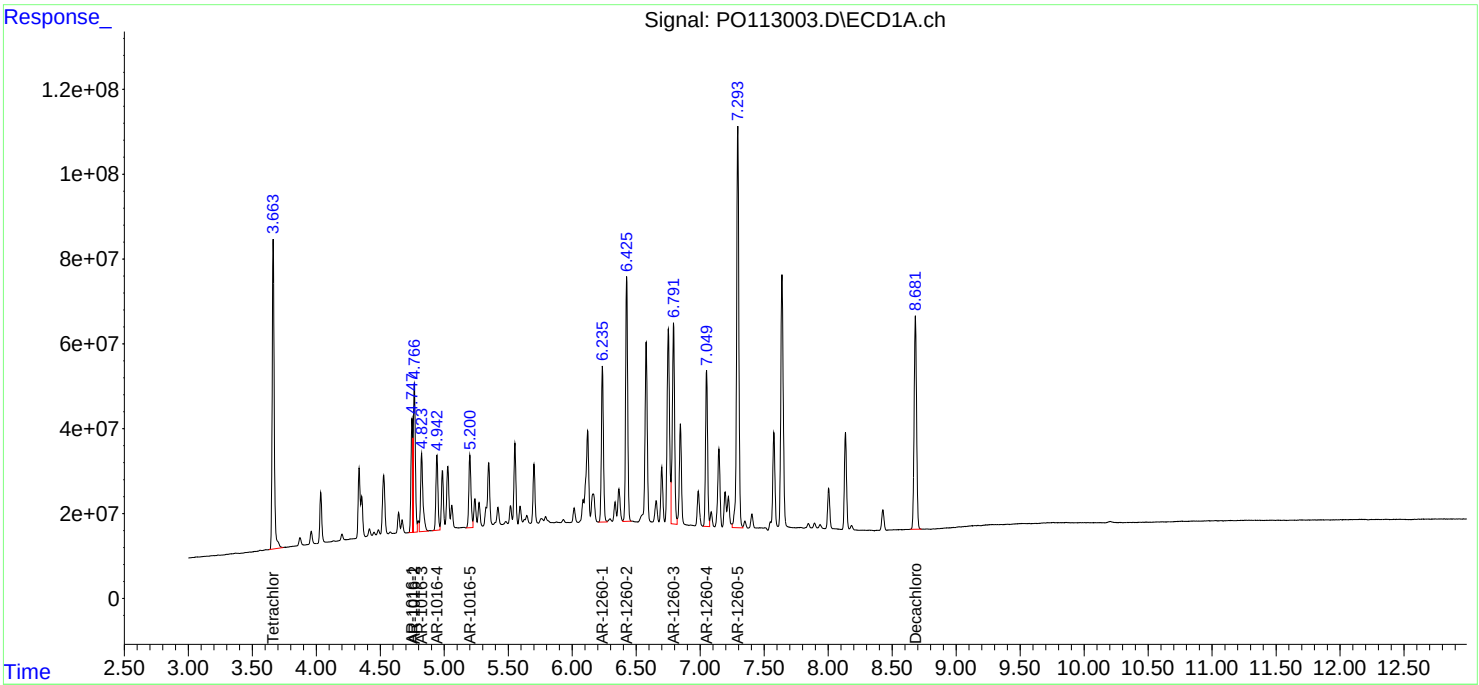
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

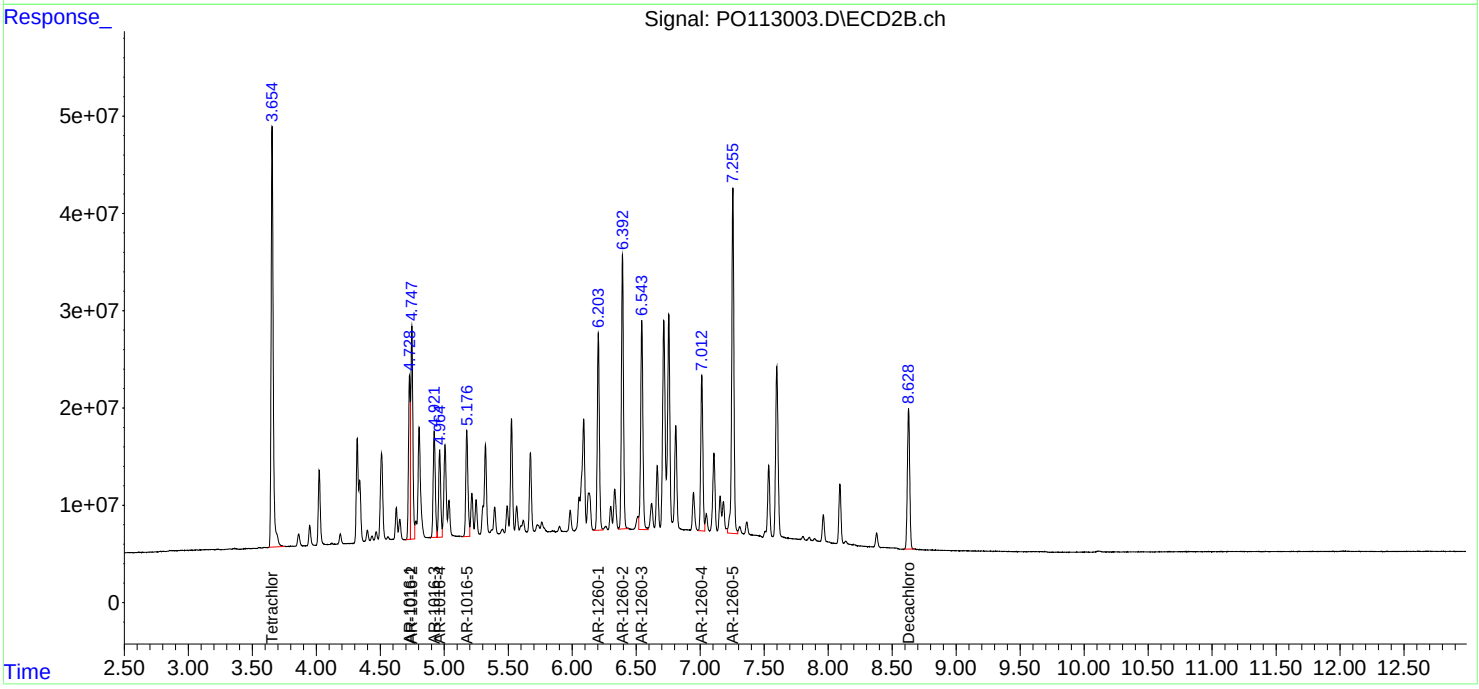
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113003.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 09:53
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

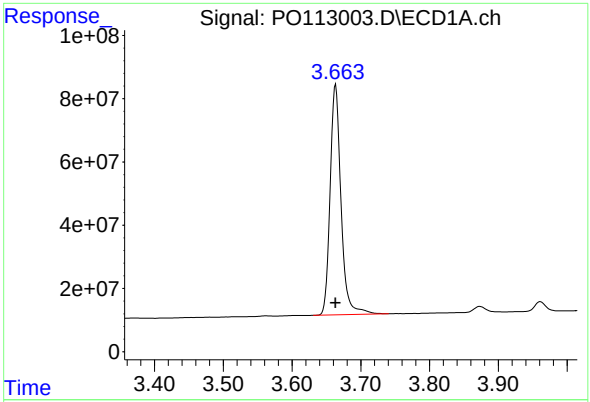
Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 10:58:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 18 10:55:18 2025
Response via : Initial Calibration
Integrator: ChemStation

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



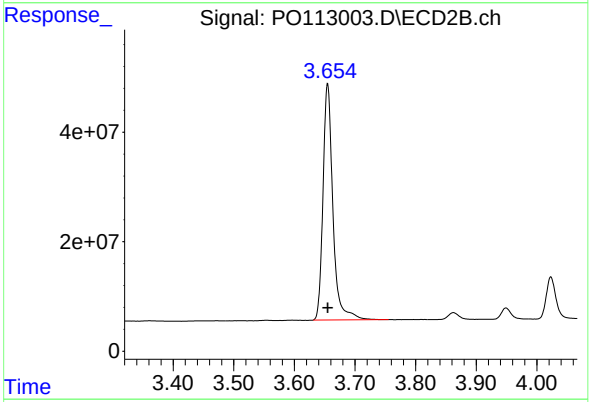




#1 Tetrachloro-m-xylene

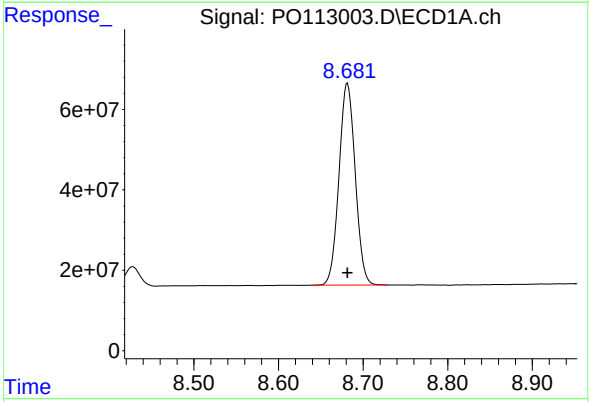
R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 802967434
Conc: 97.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



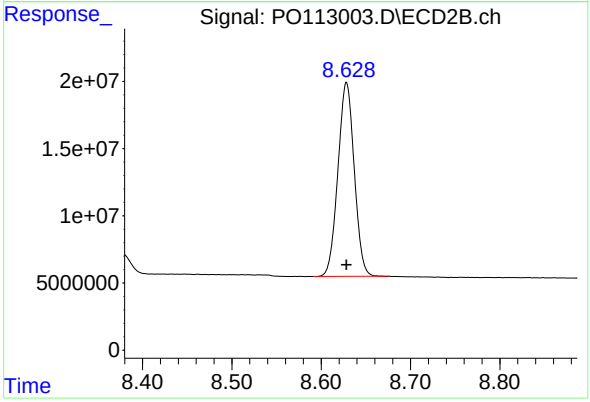
#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 491676896
Conc: 97.32 ng/ml



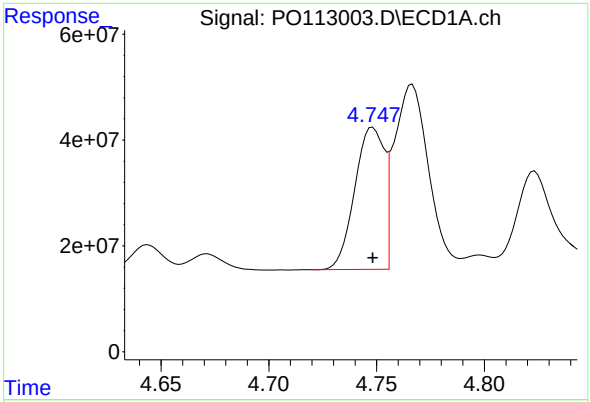
#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 669021269
Conc: 96.74 ng/ml



#2 Decachlorobiphenyl

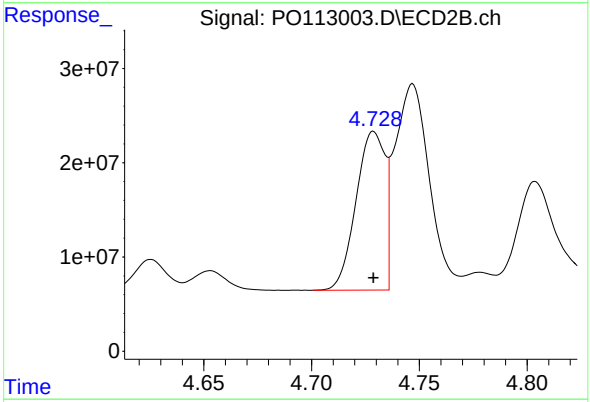
R.T.: 8.628 min
Delta R.T.: 0.000 min
Response: 183106410
Conc: 95.94 ng/ml



#3 AR-1016-1

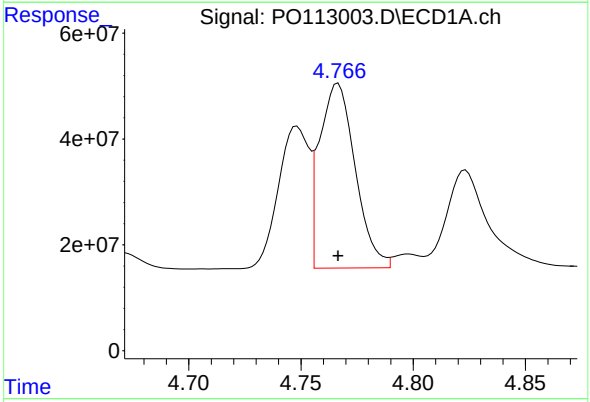
R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 255371052
Conc: 961.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



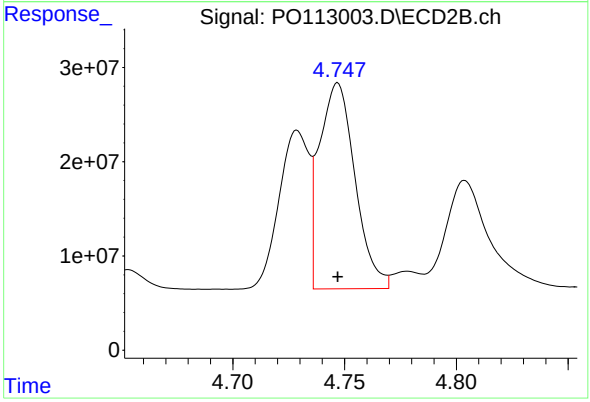
#3 AR-1016-1

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 157648421
Conc: 947.75 ng/ml



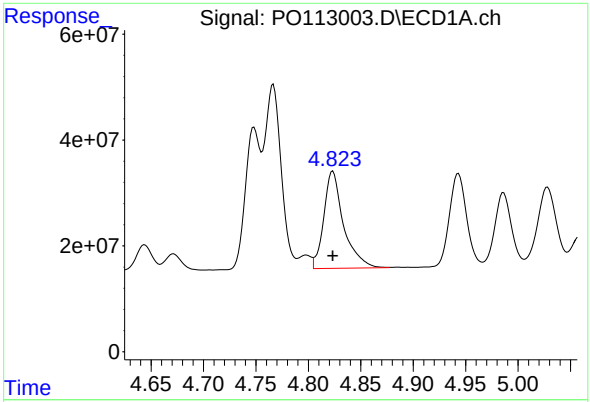
#4 AR-1016-2

R.T.: 4.767 min
Delta R.T.: 0.000 min
Response: 386597005
Conc: 963.19 ng/ml



#4 AR-1016-2

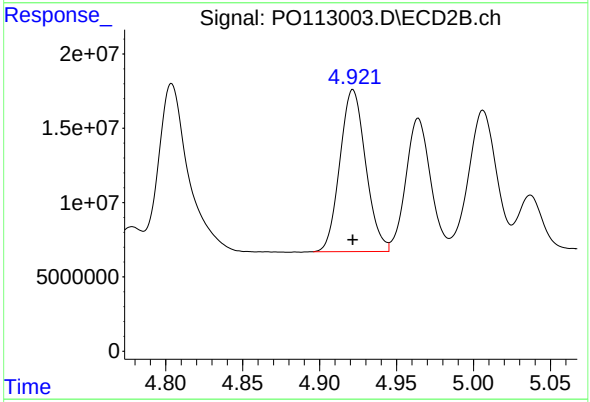
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 242743120
Conc: 965.05 ng/ml



#5 AR-1016-3

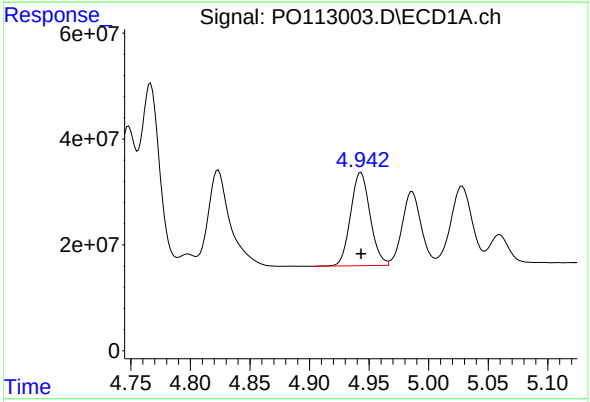
R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 240674907
Conc: 961.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



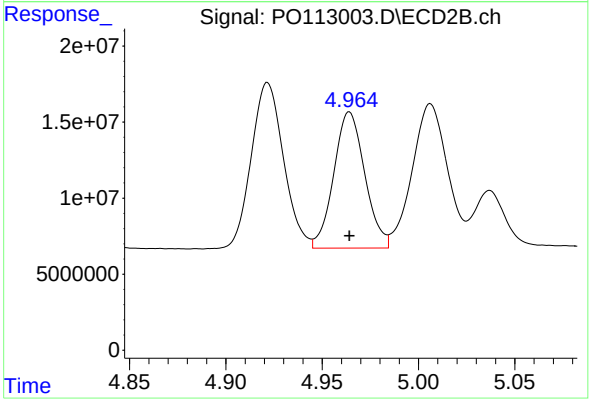
#5 AR-1016-3

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 126993760
Conc: 957.01 ng/ml



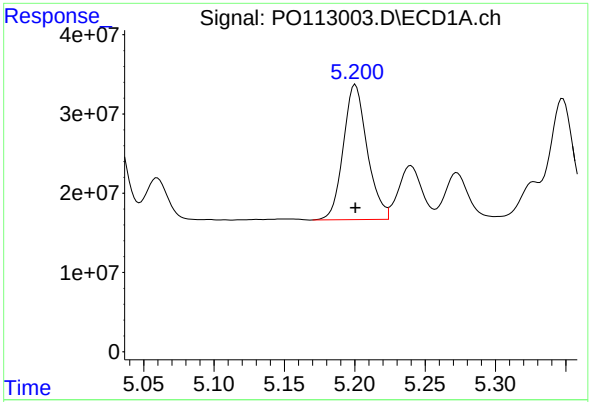
#6 AR-1016-4

R.T.: 4.943 min
Delta R.T.: 0.000 min
Response: 200488933
Conc: 959.54 ng/ml



#6 AR-1016-4

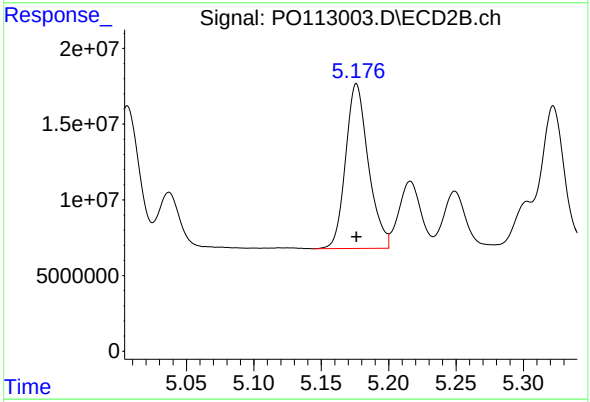
R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 100459724
Conc: 943.60 ng/ml



#7 AR-1016-5

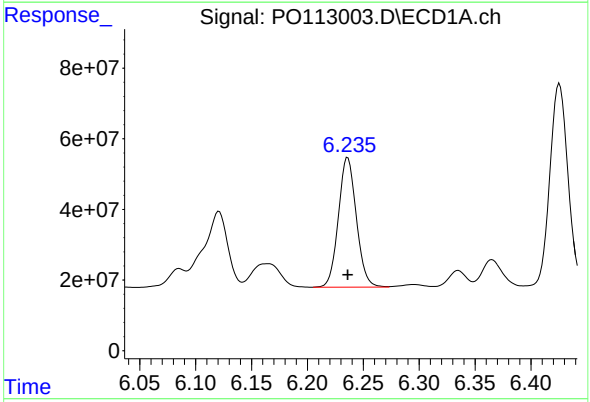
R.T.: 5.200 min
Delta R.T.: 0.000 min
Response: 201770173
Conc: 948.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



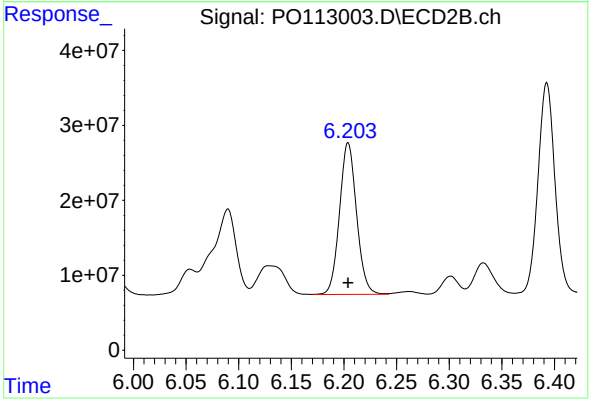
#7 AR-1016-5

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 128106279
Conc: 947.56 ng/ml



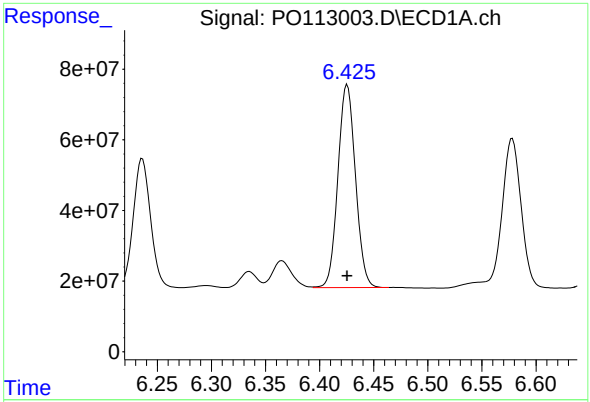
#31 AR-1260-1

R.T.: 6.236 min
Delta R.T.: 0.000 min
Response: 410428218
Conc: 955.84 ng/ml



#31 AR-1260-1

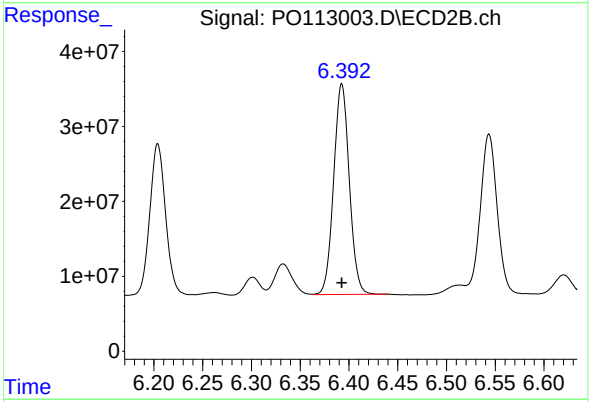
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 228928107
Conc: 950.89 ng/ml



#32 AR-1260-2

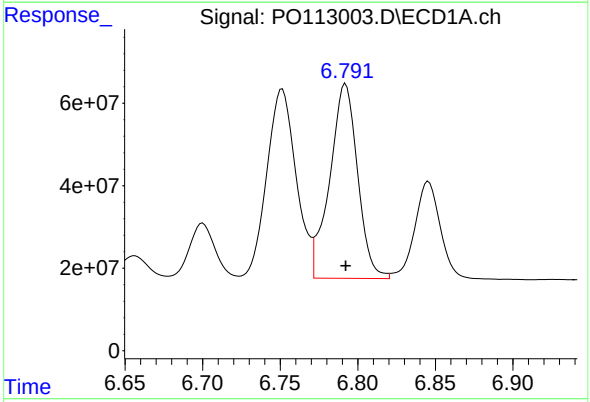
R.T.: 6.425 min
Delta R.T.: 0.000 min
Response: 647927331
Conc: 965.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



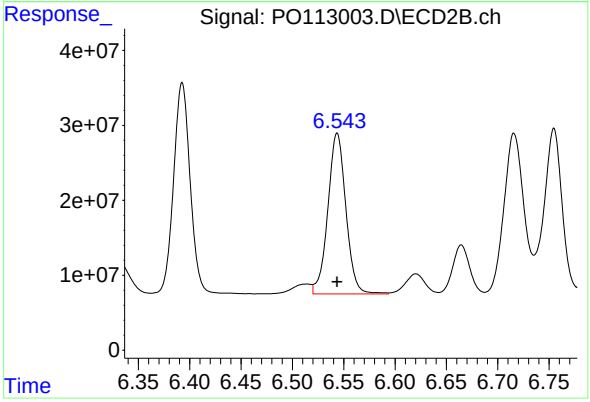
#32 AR-1260-2

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 313918308
Conc: 954.41 ng/ml



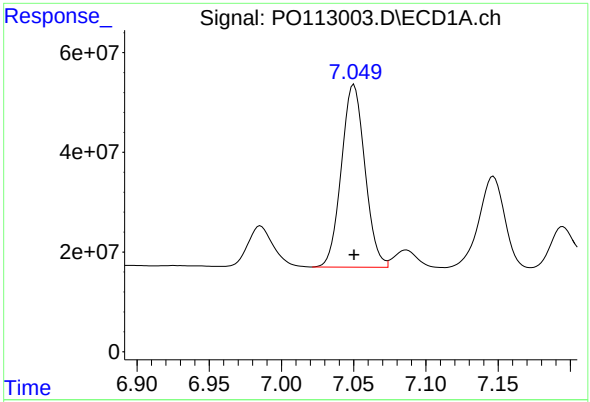
#33 AR-1260-3

R.T.: 6.792 min
Delta R.T.: 0.000 min
Response: 589701211
Conc: 956.82 ng/ml



#33 AR-1260-3

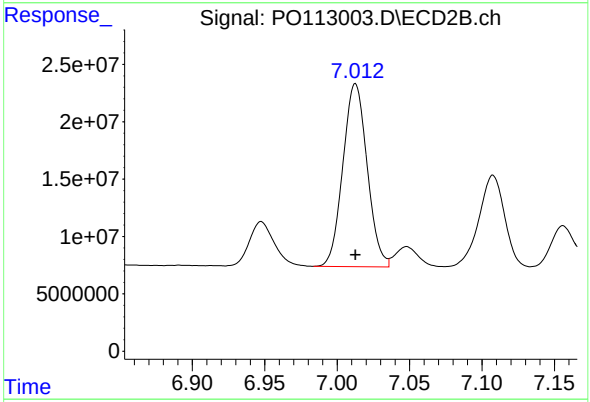
R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 262510074
Conc: 944.07 ng/ml



#34 AR-1260-4

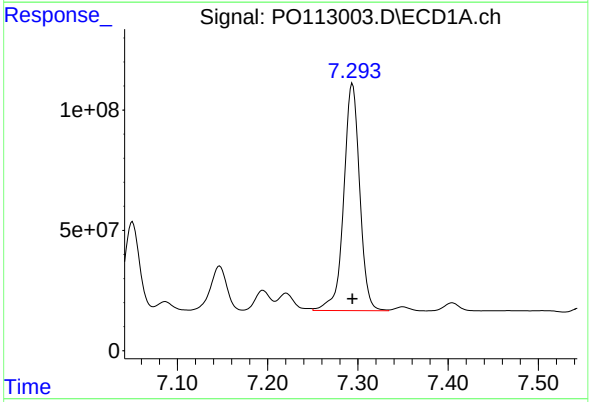
R.T.: 7.050 min
Delta R.T.: 0.000 min
Response: 414110693
Conc: 955.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



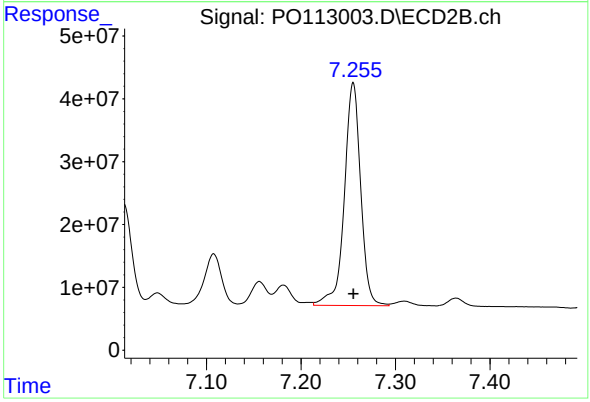
#34 AR-1260-4

R.T.: 7.013 min
Delta R.T.: 0.000 min
Response: 185941664
Conc: 953.07 ng/ml



#35 AR-1260-5

R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 1160238835
Conc: 967.28 ng/ml



#35 AR-1260-5

R.T.: 7.255 min
Delta R.T.: 0.000 min
Response: 425960236
Conc: 955.21 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113004.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 10:11
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 11:02:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 18 10:55:18 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.663	3.655	626.3E6	382.9E6	75.694	75.530
2)	SA Decachlor...	8.682	8.629	517.9E6	143.8E6	74.922	75.233
	Target Compounds						
3)	L1 AR-1016-1	4.747	4.729	201.7E6	124.8E6	756.055	749.999
4)	L1 AR-1016-2	4.766	4.747	305.6E6	189.3E6	757.527	751.681
5)	L1 AR-1016-3	4.823	4.922	190.0E6	99815419	755.880	751.462
6)	L1 AR-1016-4	4.942	4.965	158.3E6	79930719	754.951	750.514
7)	L1 AR-1016-5	5.199	5.177	157.5E6	101.0E6	743.444	748.203
31)	L7 AR-1260-1	6.236	6.204	320.9E6	180.6E6	748.259	750.236
32)	L7 AR-1260-2	6.426	6.393	503.8E6	246.1E6	750.386	748.798
33)	L7 AR-1260-3	6.792	6.544	462.8E6	207.5E6	750.607	747.551
34)	L7 AR-1260-4	7.050	7.014	327.1E6	145.4E6	753.206	746.985
35)	L7 AR-1260-5	7.294	7.255	900.1E6	329.3E6	750.262	742.237

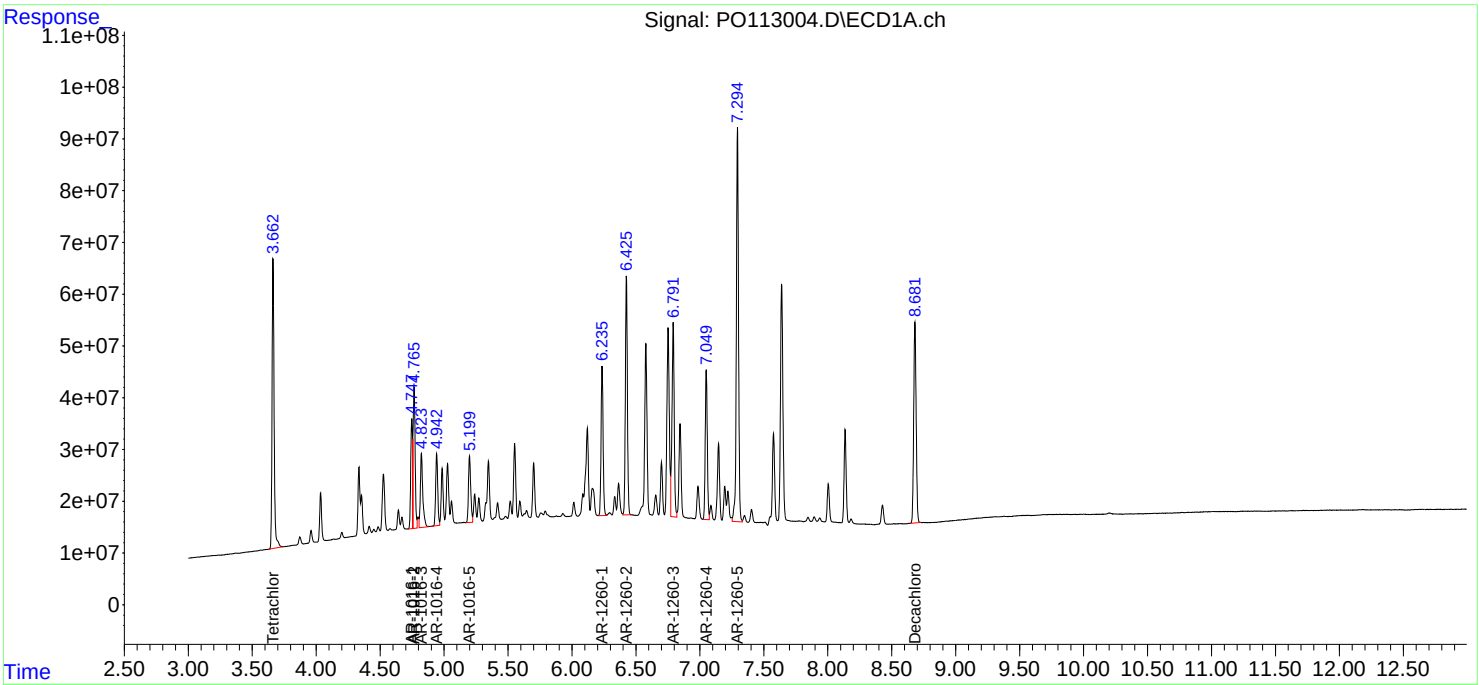
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

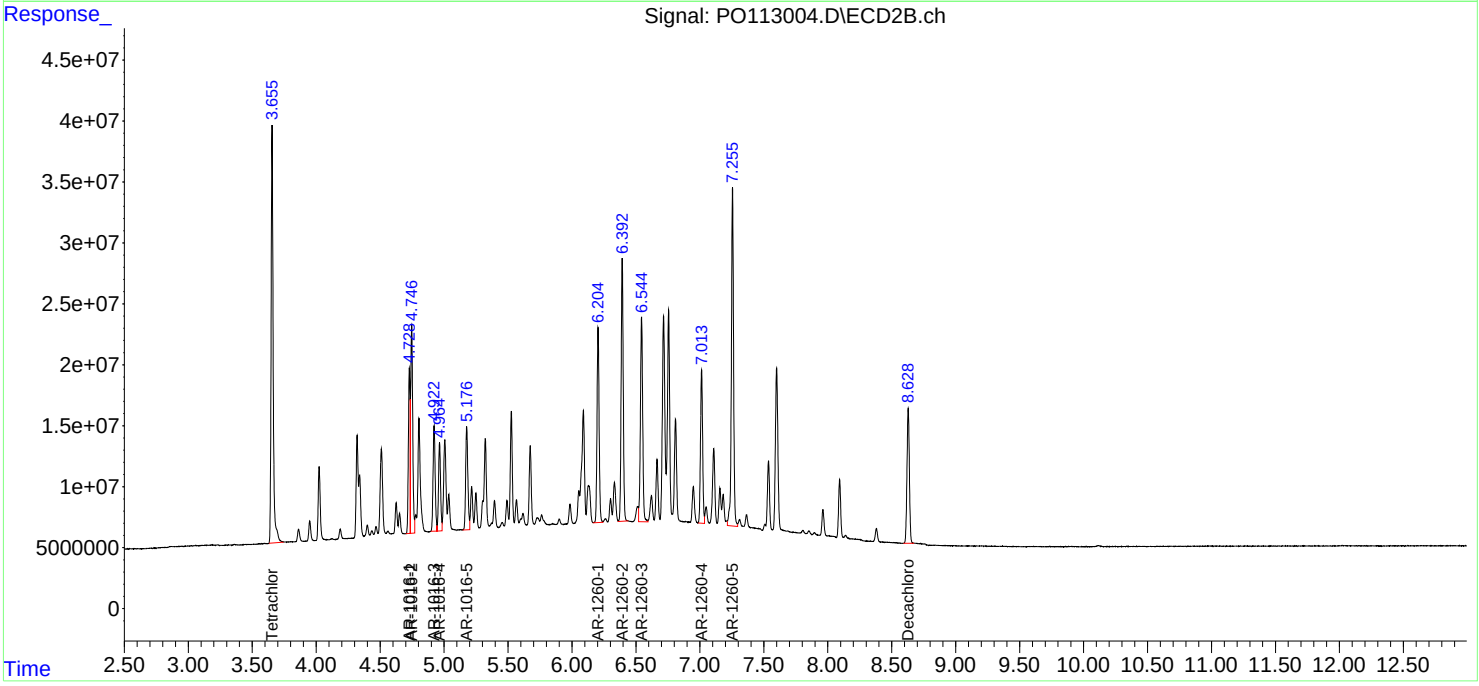
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113004.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 10:11
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

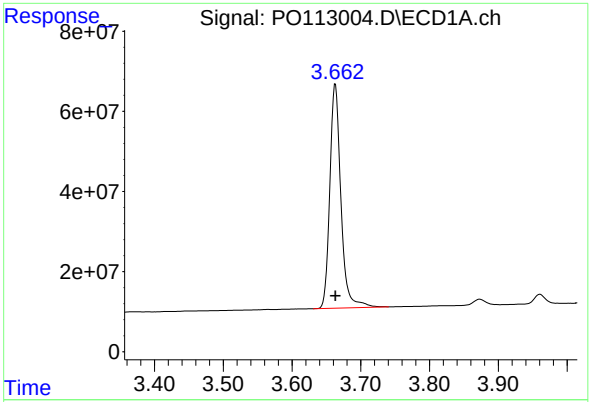
Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 11:02:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 18 10:55:18 2025
Response via : Initial Calibration
Integrator: ChemStation

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



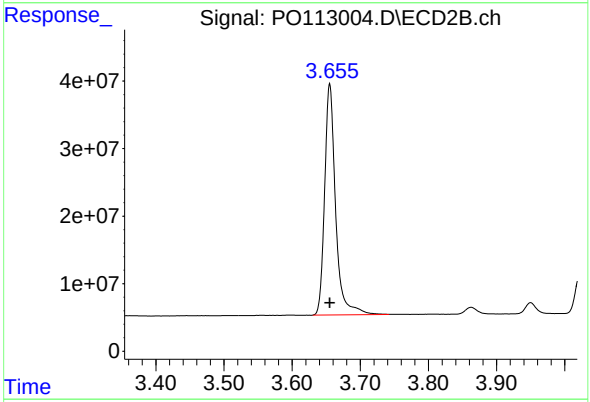




#1 Tetrachloro-m-xylene

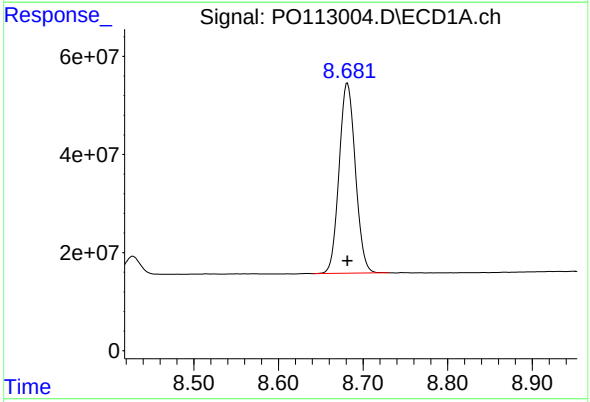
R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 626277740
Conc: 75.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



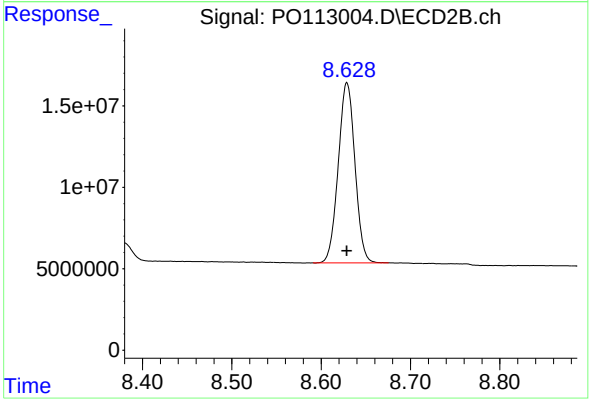
#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 382931963
Conc: 75.53 ng/ml



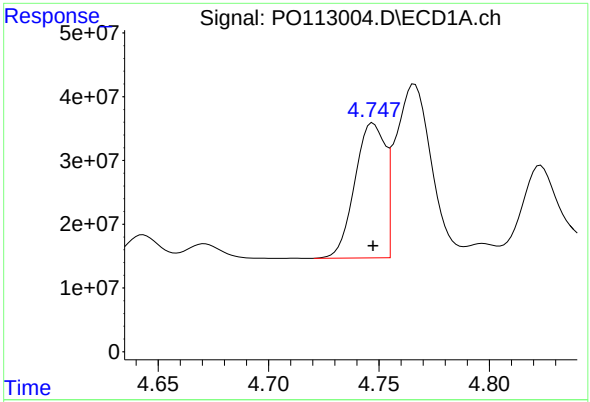
#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 517877053
Conc: 74.92 ng/ml



#2 Decachlorobiphenyl

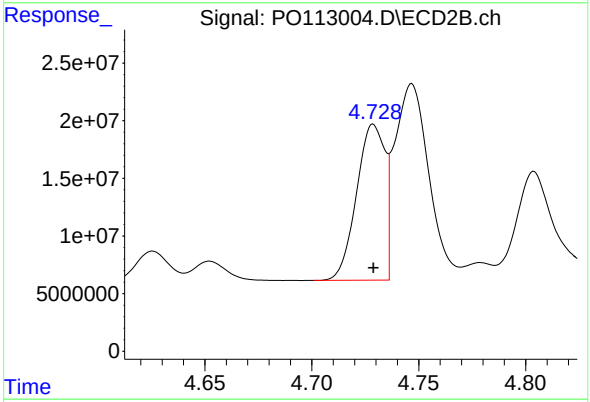
R.T.: 8.629 min
Delta R.T.: 0.000 min
Response: 143802449
Conc: 75.23 ng/ml



#3 AR-1016-1

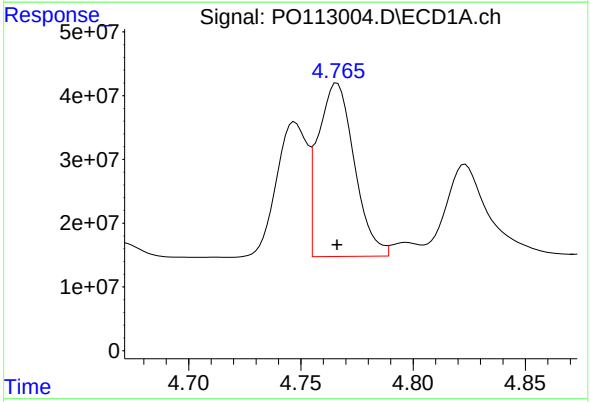
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 201661921
Conc: 756.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



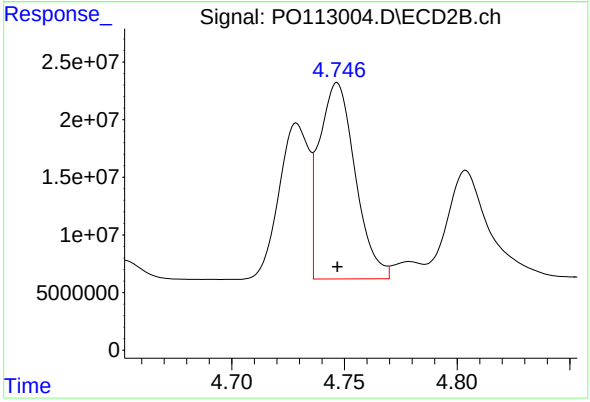
#3 AR-1016-1

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 124754068
Conc: 750.00 ng/ml



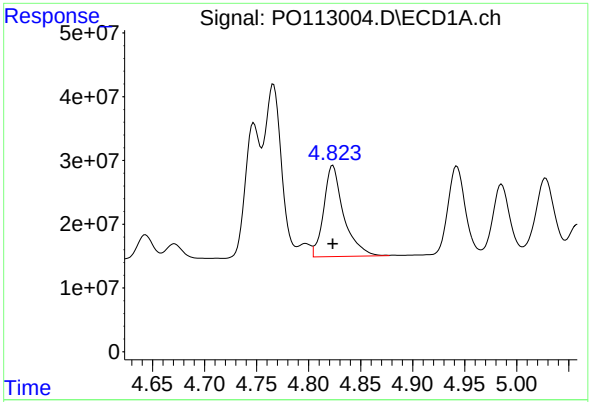
#4 AR-1016-2

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 305583960
Conc: 757.53 ng/ml



#4 AR-1016-2

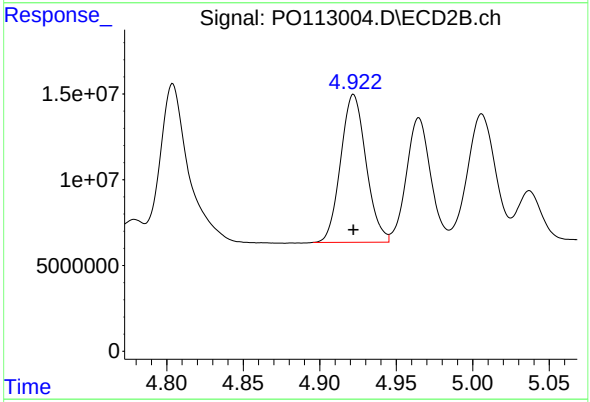
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 189285521
Conc: 751.68 ng/ml



#5 AR-1016-3

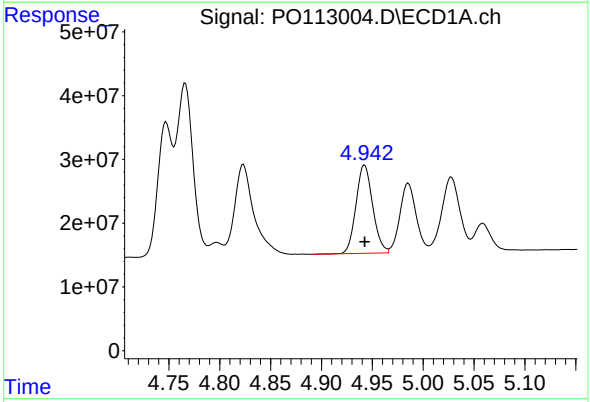
R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 190009014
Conc: 755.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



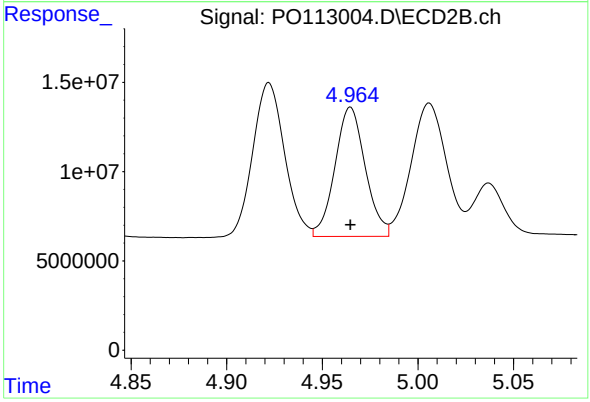
#5 AR-1016-3

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 99815419
Conc: 751.46 ng/ml



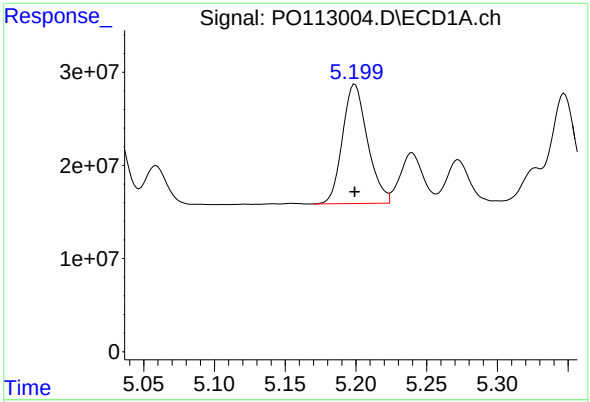
#6 AR-1016-4

R.T.: 4.942 min
Delta R.T.: 0.000 min
Response: 158264066
Conc: 754.95 ng/ml



#6 AR-1016-4

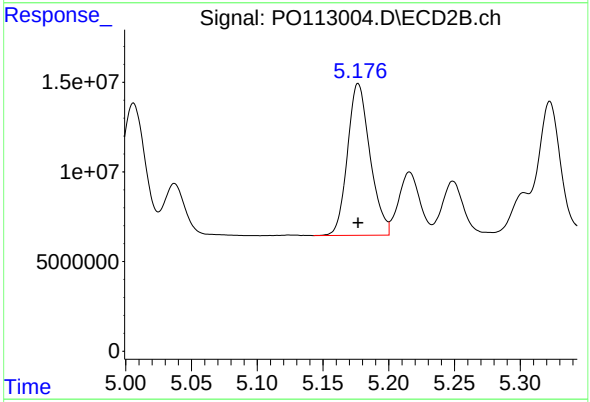
R.T.: 4.965 min
Delta R.T.: 0.000 min
Response: 79930719
Conc: 750.51 ng/ml



#7 AR-1016-5

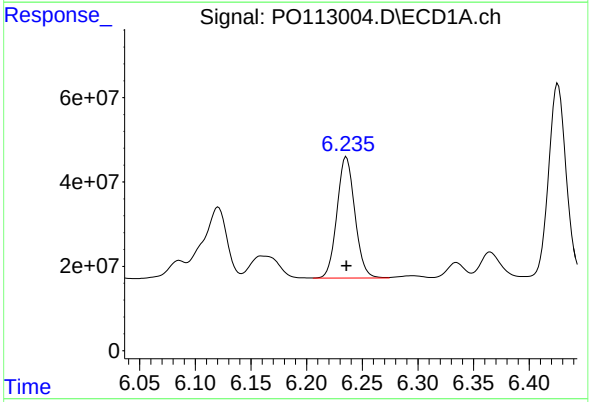
R.T.: 5.199 min
Delta R.T.: 0.000 min
Response: 157484431
Conc: 743.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



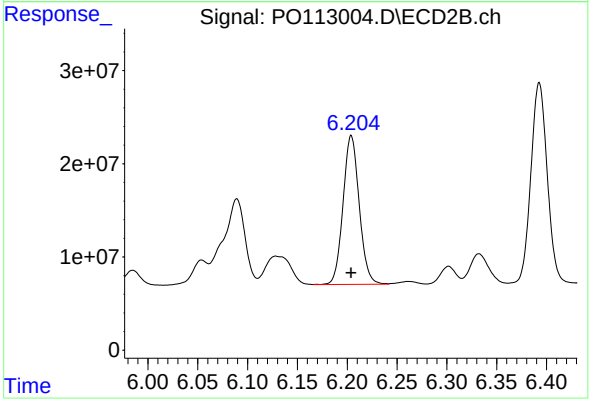
#7 AR-1016-5

R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 101033213
Conc: 748.20 ng/ml



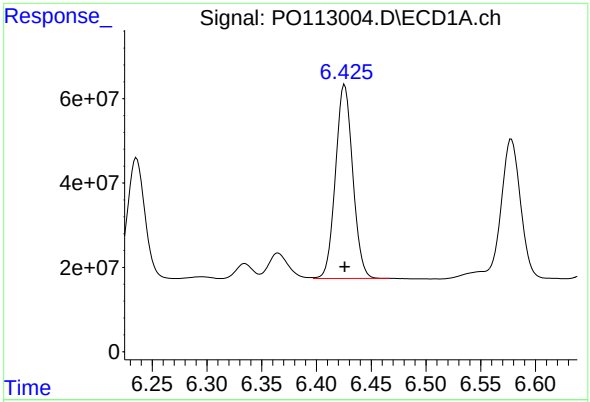
#31 AR-1260-1

R.T.: 6.236 min
Delta R.T.: 0.000 min
Response: 320921838
Conc: 748.26 ng/ml



#31 AR-1260-1

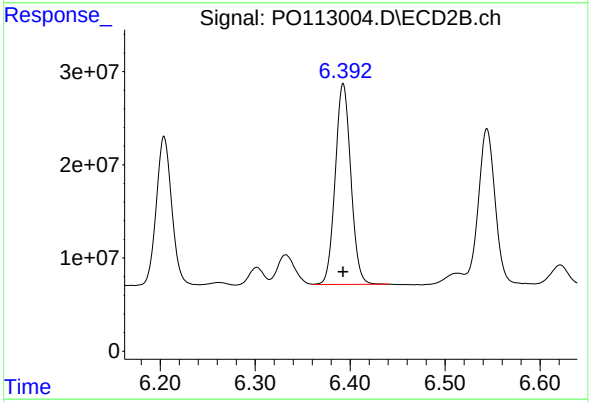
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 180648696
Conc: 750.24 ng/ml



#32 AR-1260-2

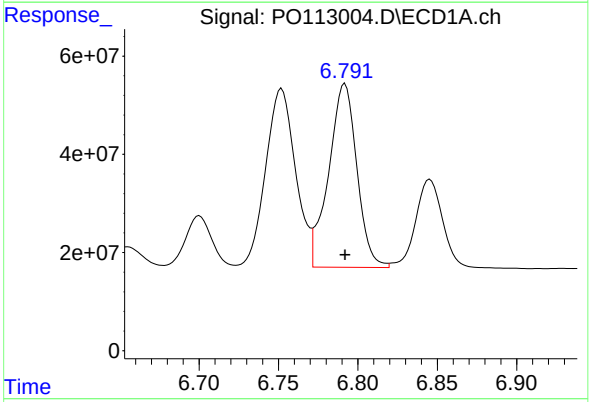
R.T.: 6.426 min
Delta R.T.: 0.000 min
Response: 503833307
Conc: 750.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



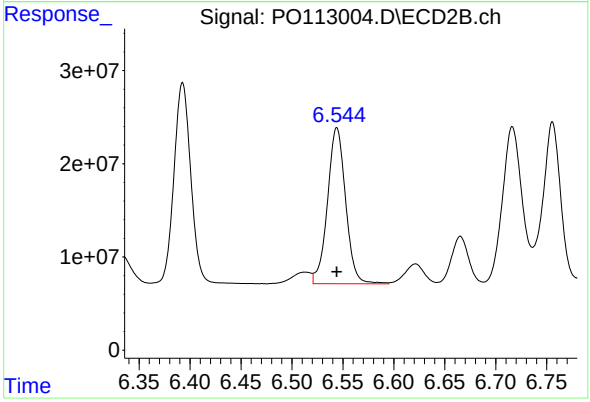
#32 AR-1260-2

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 246093380
Conc: 748.80 ng/ml



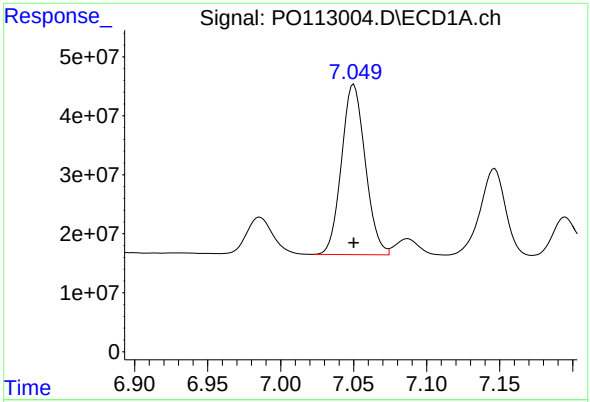
#33 AR-1260-3

R.T.: 6.792 min
Delta R.T.: 0.000 min
Response: 462798004
Conc: 750.61 ng/ml



#33 AR-1260-3

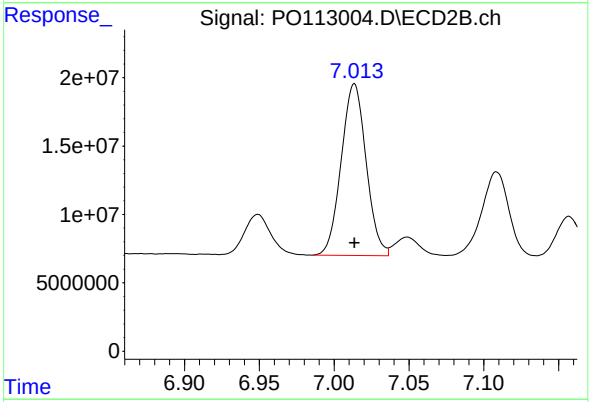
R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 207526279
Conc: 747.55 ng/ml



#34 AR-1260-4

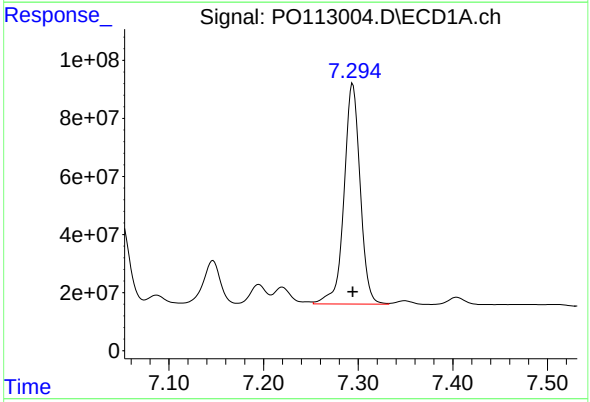
R.T.: 7.050 min
Delta R.T.: 0.000 min
Response: 327135343
Conc: 753.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



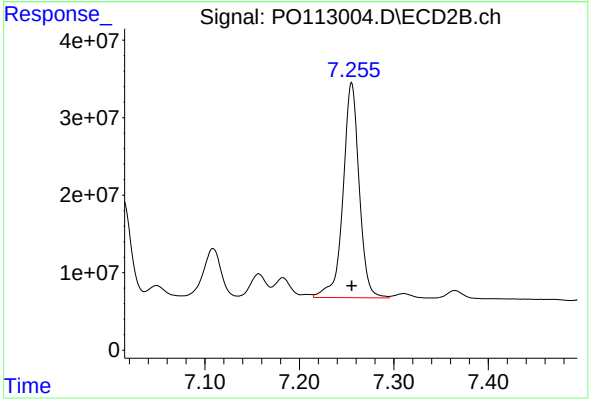
#34 AR-1260-4

R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 145443297
Conc: 746.99 ng/ml



#35 AR-1260-5

R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 900086494
Conc: 750.26 ng/ml



#35 AR-1260-5

R.T.: 7.255 min
Delta R.T.: 0.000 min
Response: 329282792
Conc: 742.24 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 10:29
Operator : YP/AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 10:55:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 18 10:55:18 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.663	3.655	422.1E6	259.4E6	50.000	50.000
2)	SA Decachlor...	8.682	8.628	357.1E6	99292808	50.000	50.000
	Target Compounds						
3)	L1 AR-1016-1	4.748	4.729	138.0E6	87514764	500.000	500.000
4)	L1 AR-1016-2	4.766	4.747	208.1E6	130.2E6	500.000	500.000
5)	L1 AR-1016-3	4.824	4.922	130.1E6	69202067	500.000	500.000
6)	L1 AR-1016-4	4.943	4.964	108.7E6	56234948	500.000	500.000
7)	L1 AR-1016-5	5.199	5.176	111.9E6	71143178	500.000	500.000
31)	L7 AR-1260-1	6.236	6.204	224.2E6	126.3E6	500.000	500.000
32)	L7 AR-1260-2	6.426	6.392	347.3E6	172.0E6	500.000	500.000
33)	L7 AR-1260-3	6.791	6.543	321.5E6	146.8E6	500.000	500.000
34)	L7 AR-1260-4	7.051	7.012	226.3E6	102.1E6	500.000	500.000
35)	L7 AR-1260-5	7.294	7.255	619.4E6	233.0E6	500.000	500.000

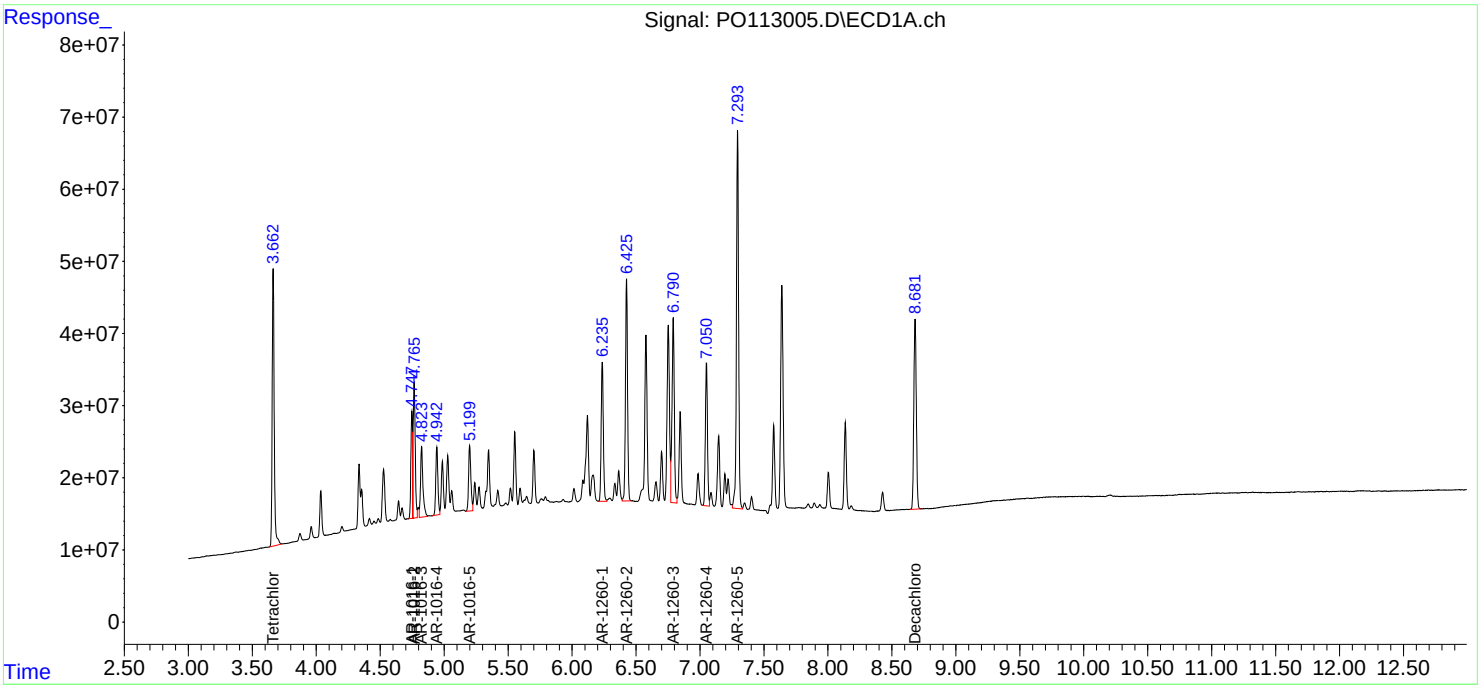
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

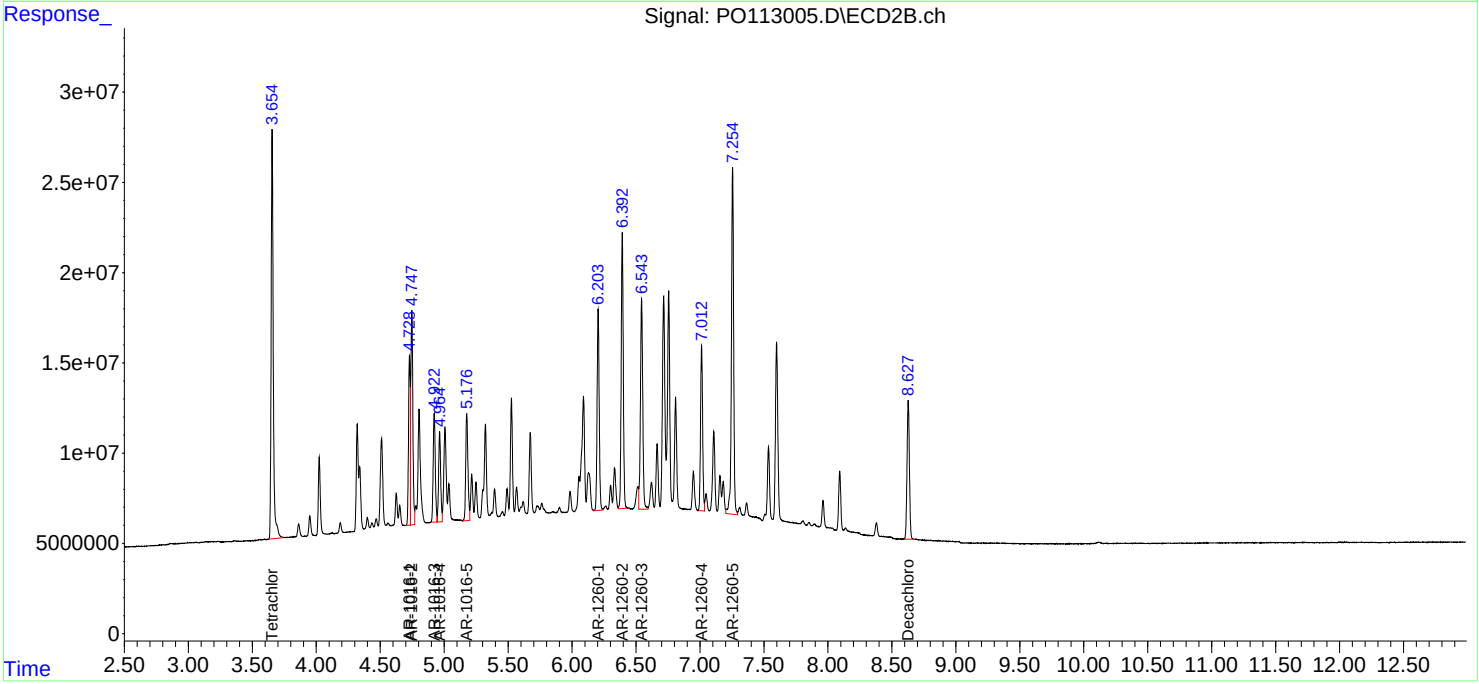
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 10:29
Operator : YP/AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

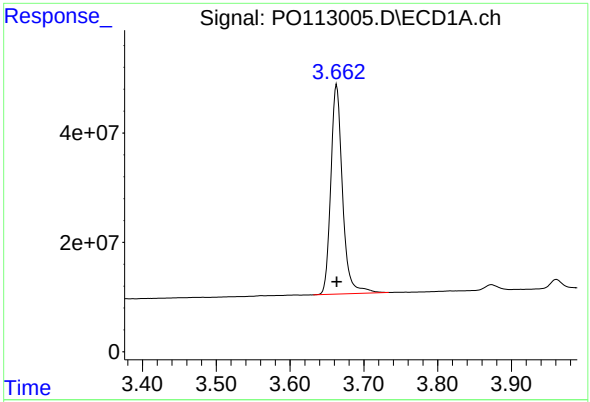
Instrument :
ECD_O
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 10:55:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 18 10:55:18 2025
Response via : Initial Calibration
Integrator: ChemStation

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



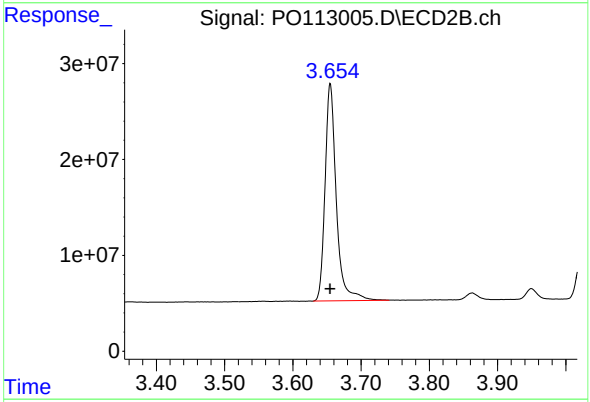




#1 Tetrachloro-m-xylene

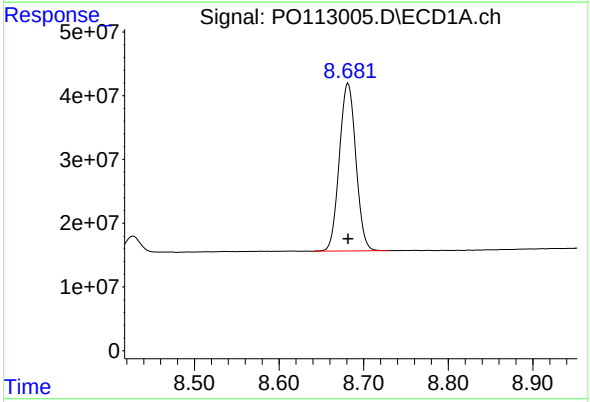
R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 422061925
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



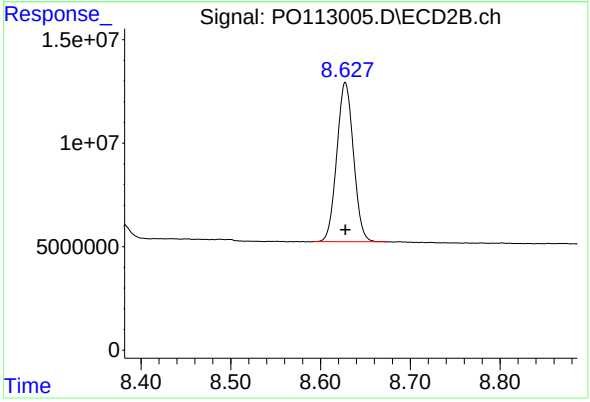
#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 259364295
Conc: 50.00 ng/ml



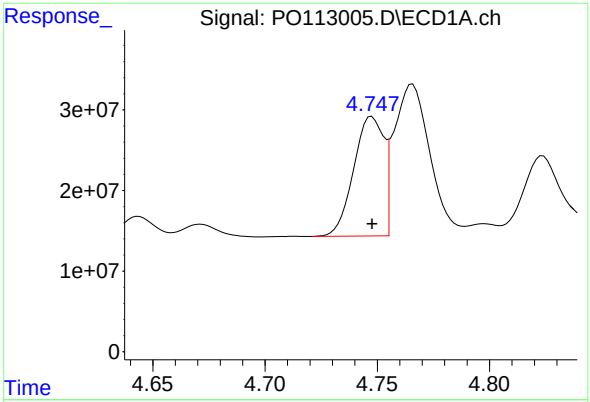
#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 357065982
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

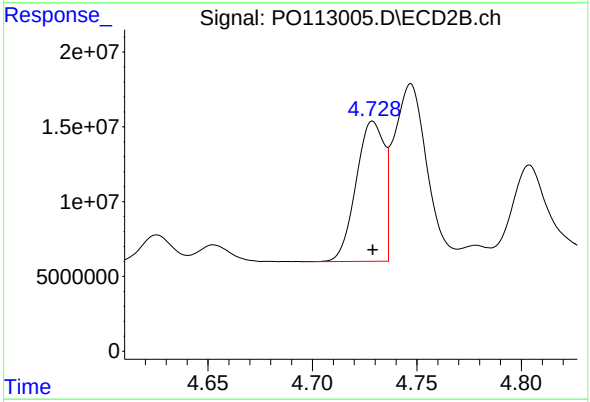
R.T.: 8.628 min
Delta R.T.: 0.000 min
Response: 99292808
Conc: 50.00 ng/ml



#3 AR-1016-1

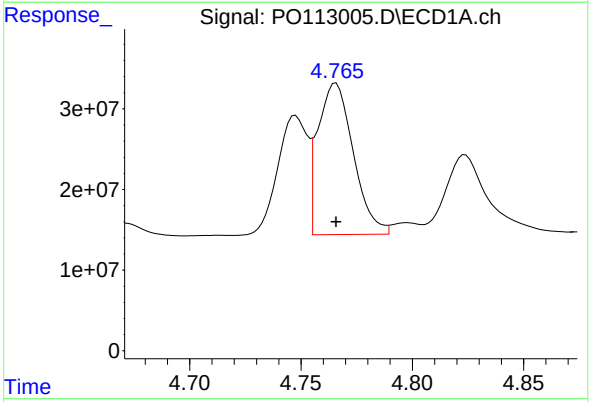
R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 137967020
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



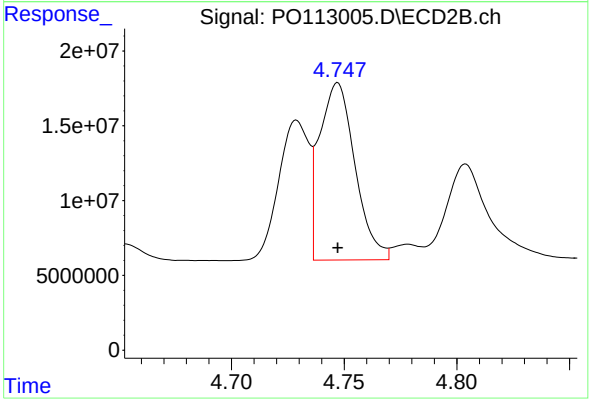
#3 AR-1016-1

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 87514764
Conc: 500.00 ng/ml



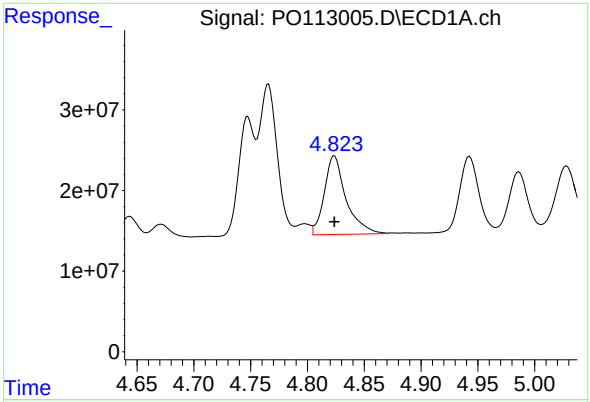
#4 AR-1016-2

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 208074339
Conc: 500.00 ng/ml



#4 AR-1016-2

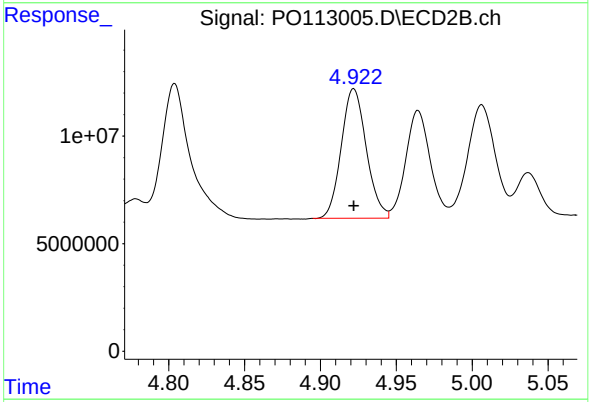
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 130162496
Conc: 500.00 ng/ml



#5 AR-1016-3

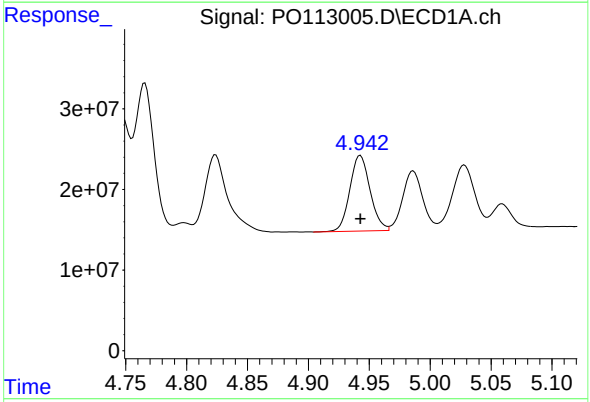
R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 130051648
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



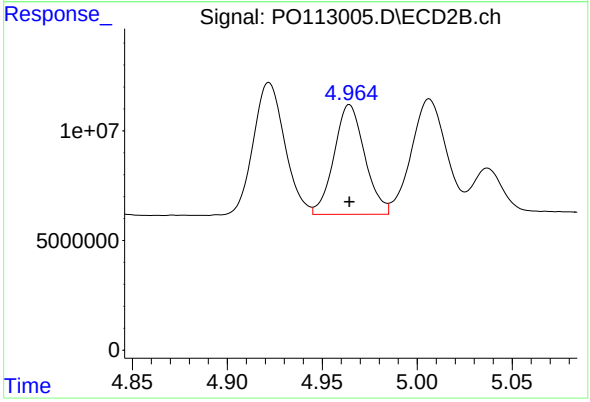
#5 AR-1016-3

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 69202067
Conc: 500.00 ng/ml



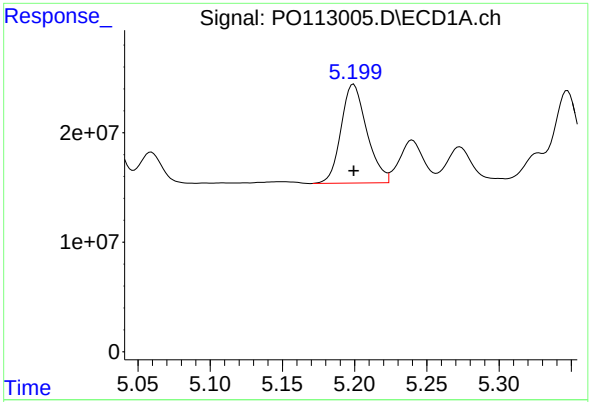
#6 AR-1016-4

R.T.: 4.943 min
Delta R.T.: 0.000 min
Response: 108698420
Conc: 500.00 ng/ml



#6 AR-1016-4

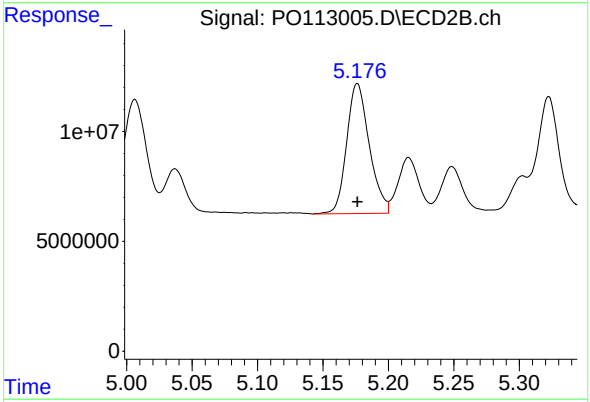
R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 56234948
Conc: 500.00 ng/ml



#7 AR-1016-5

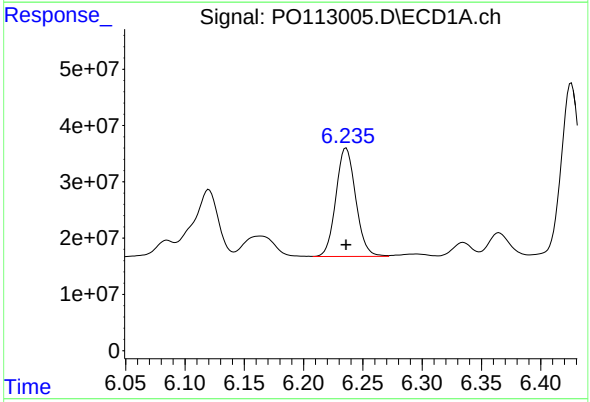
R.T.: 5.199 min
Delta R.T.: 0.000 min
Response: 111871666
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



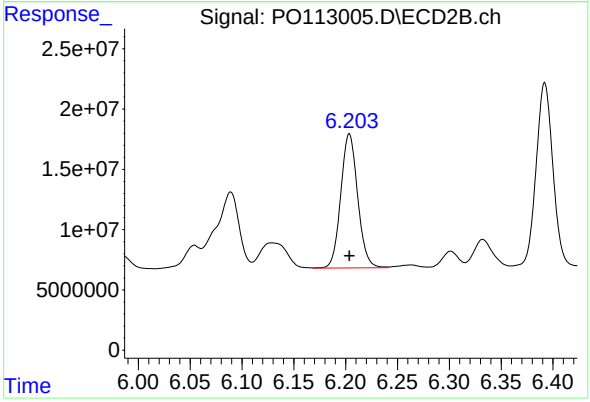
#7 AR-1016-5

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 71143178
Conc: 500.00 ng/ml



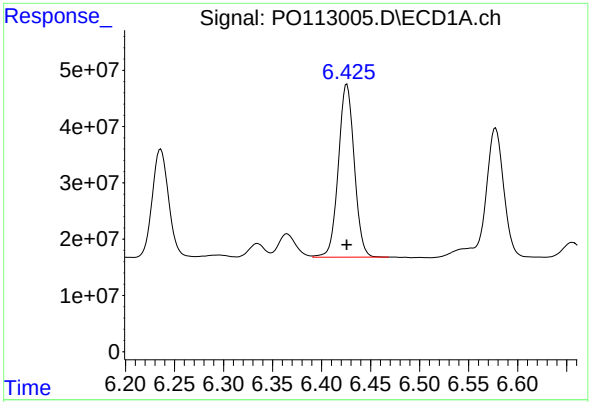
#31 AR-1260-1

R.T.: 6.236 min
Delta R.T.: 0.000 min
Response: 224175211
Conc: 500.00 ng/ml



#31 AR-1260-1

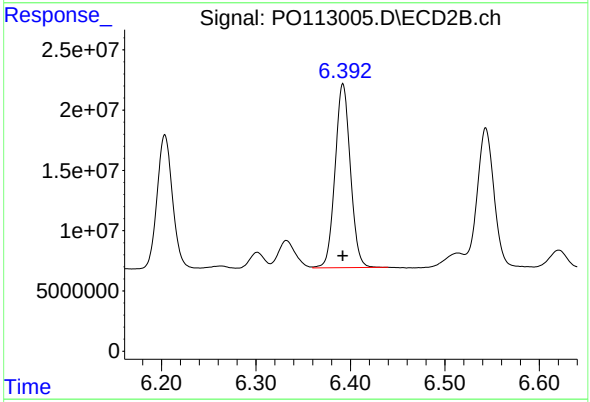
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 126287369
Conc: 500.00 ng/ml



#32 AR-1260-2

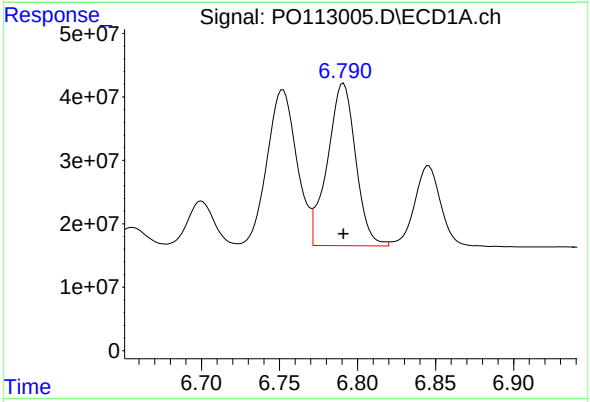
R.T.: 6.426 min
Delta R.T.: 0.000 min
Response: 347295628
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



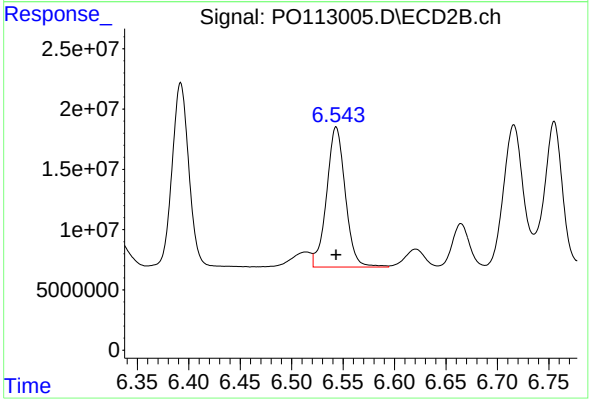
#32 AR-1260-2

R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 171955174
Conc: 500.00 ng/ml



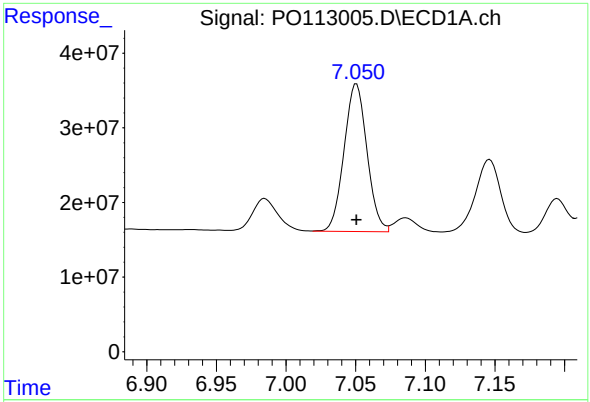
#33 AR-1260-3

R.T.: 6.791 min
Delta R.T.: 0.000 min
Response: 321464795
Conc: 500.00 ng/ml



#33 AR-1260-3

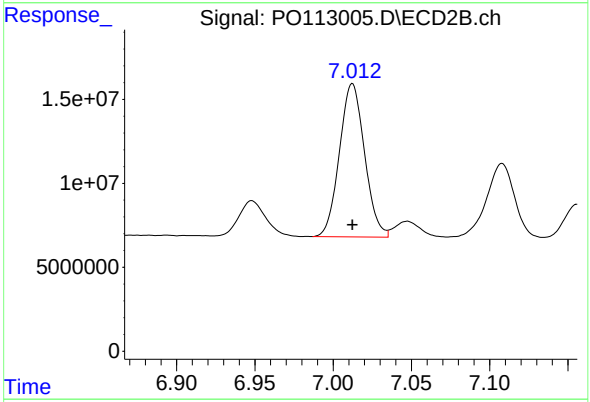
R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 146806320
Conc: 500.00 ng/ml



#34 AR-1260-4

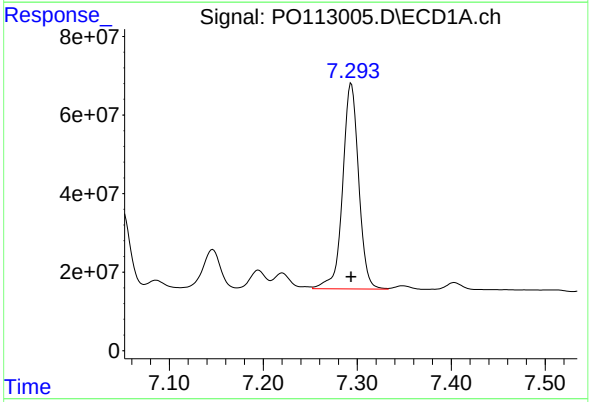
R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 226340656
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



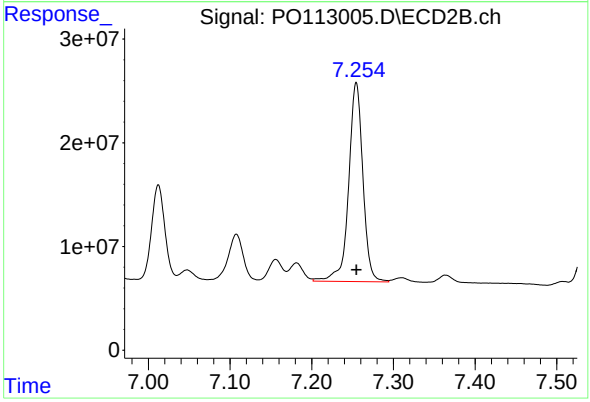
#34 AR-1260-4

R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 102127648
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 619367124
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.255 min
Delta R.T.: 0.000 min
Response: 232951368
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113006.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 10:48
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 11:05:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 18 10:55:18 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.663	3.655	209.3E6	128.8E6	25.219	25.308
2)	SA Decachlor...	8.682	8.628	179.4E6	49857232	25.708	25.804
	Target Compounds						
3)	L1 AR-1016-1	4.748	4.729	69060319	44878381	256.628	264.562
4)	L1 AR-1016-2	4.767	4.747	104.5E6	66927854	256.723	261.652
5)	L1 AR-1016-3	4.824	4.922	65227510	36041951	257.046	265.672
6)	L1 AR-1016-4	4.943	4.965	54611515	29903236	257.799	272.394
7)	L1 AR-1016-5	5.200	5.176	56506595	37101840	262.358	268.120
31)	L7 AR-1260-1	6.236	6.204	116.5E6	68060116	265.922	273.716
32)	L7 AR-1260-2	6.426	6.392	179.5E6	89256145	262.801	265.845
33)	L7 AR-1260-3	6.792	6.543	160.9E6	78252684	258.161	273.173
34)	L7 AR-1260-4	7.051	7.013	118.8E6	51852007	267.279	262.035
35)	L7 AR-1260-5	7.293	7.255	316.5E6	117.5E6	260.221	260.980

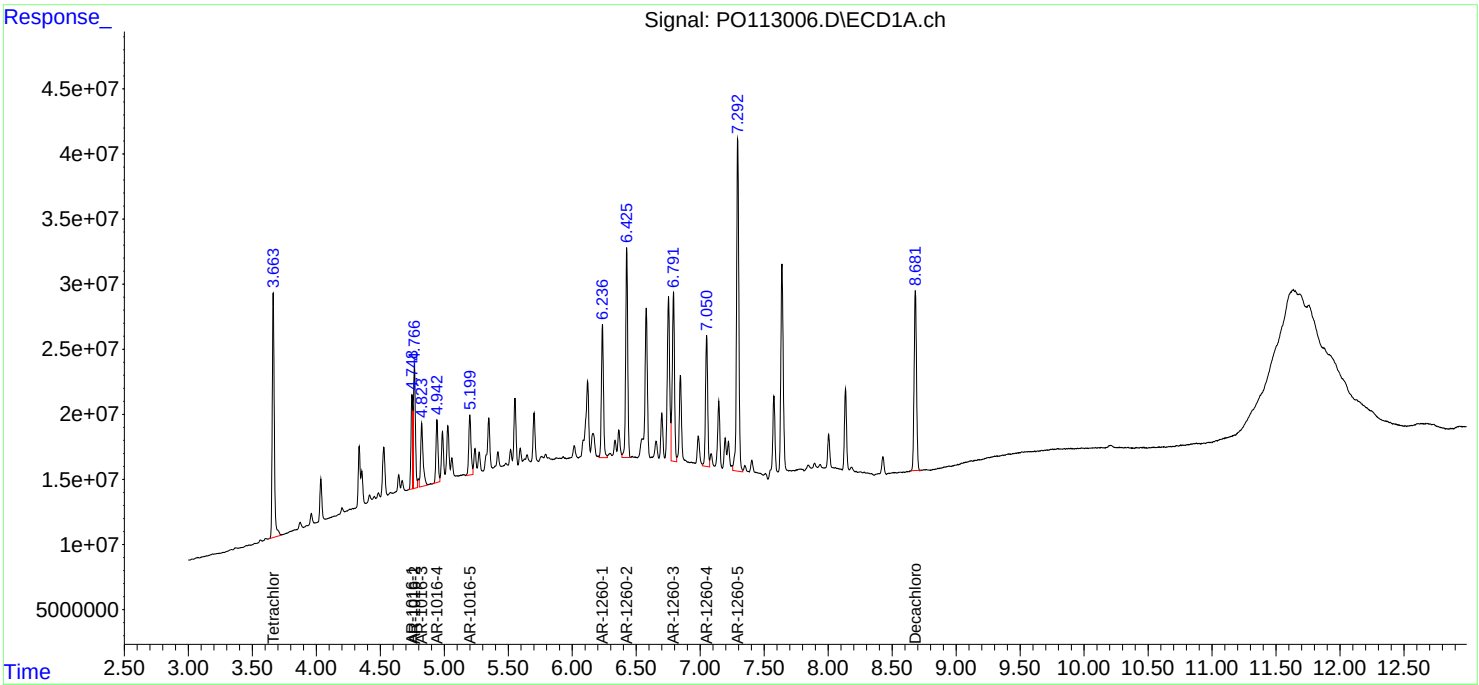
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

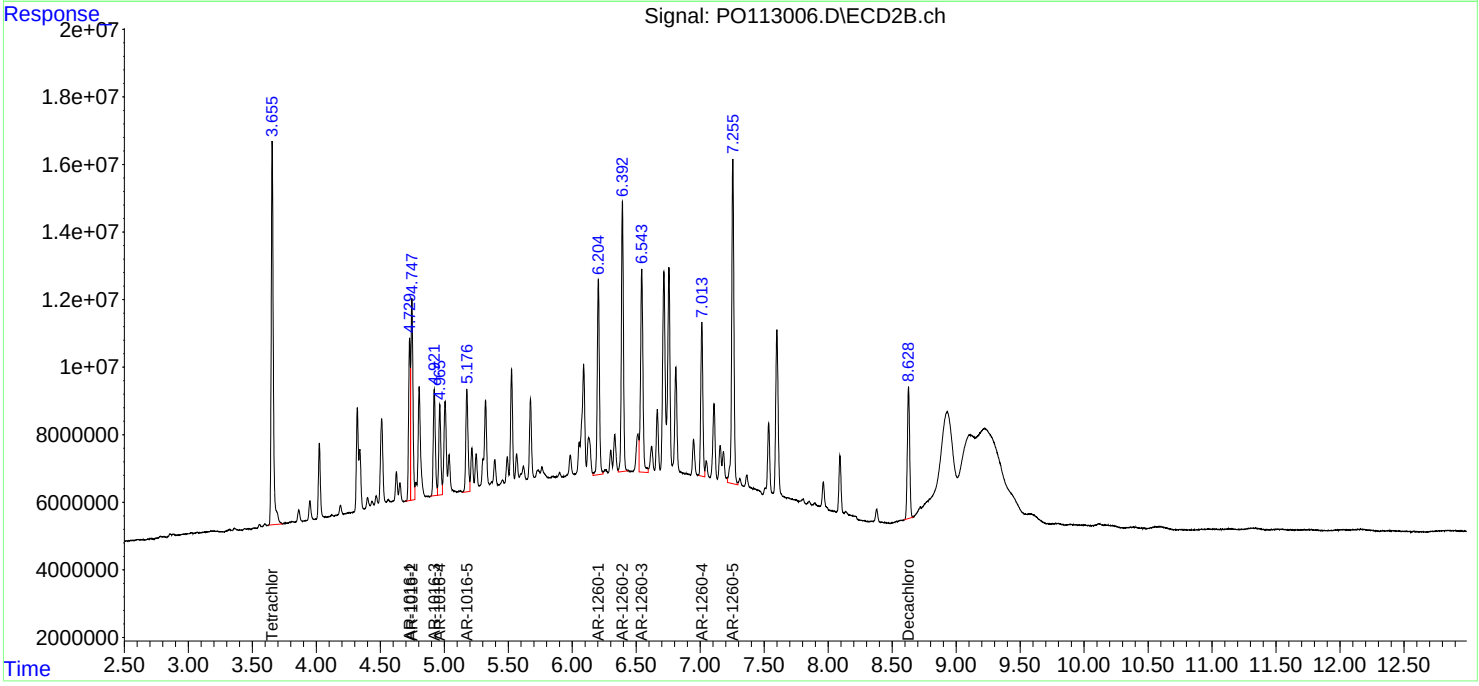
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113006.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 10:48
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

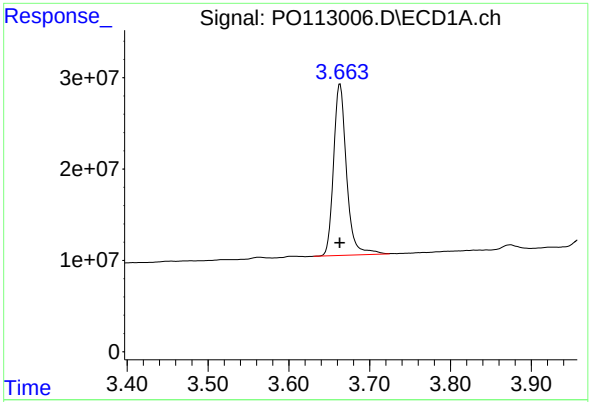
Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 11:05:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 18 10:55:18 2025
Response via : Initial Calibration
Integrator: ChemStation

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



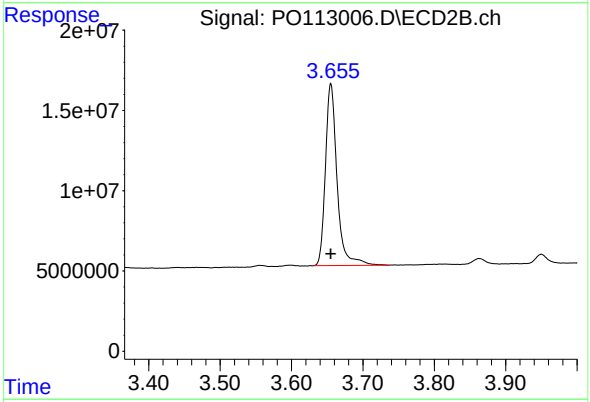




#1 Tetrachloro-m-xylene

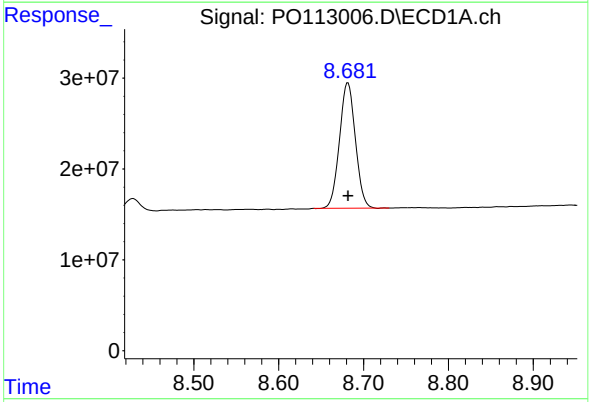
R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 209263450
Conc: 25.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



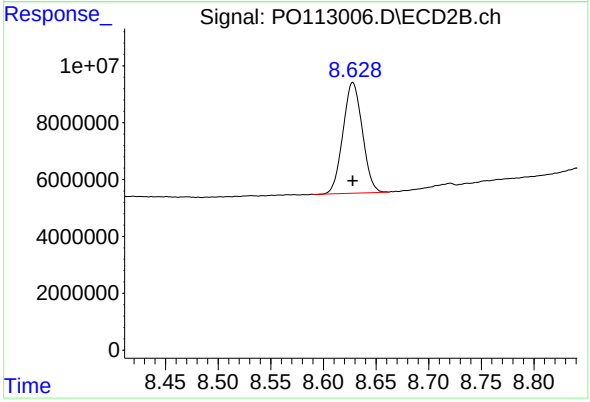
#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 128840975
Conc: 25.31 ng/ml



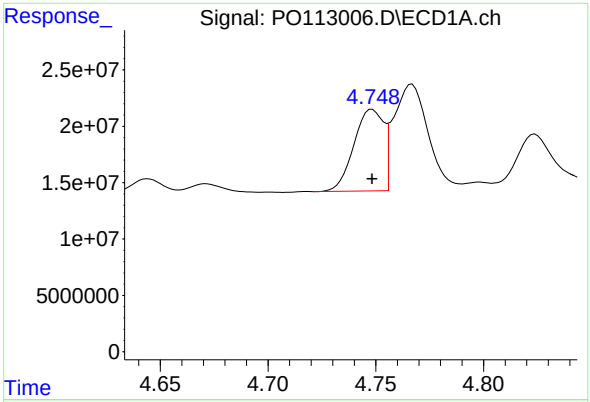
#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 179393998
Conc: 25.71 ng/ml



#2 Decachlorobiphenyl

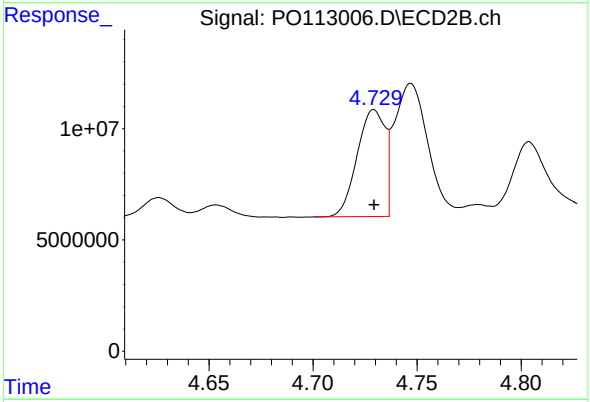
R.T.: 8.628 min
Delta R.T.: 0.000 min
Response: 49857232
Conc: 25.80 ng/ml



#3 AR-1016-1

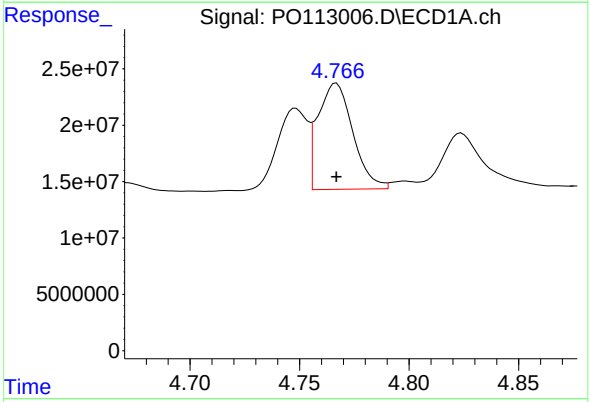
R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 69060319
Conc: 256.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



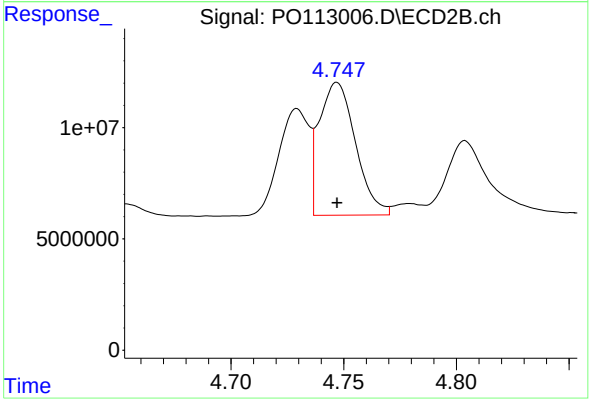
#3 AR-1016-1

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 44878381
Conc: 264.56 ng/ml



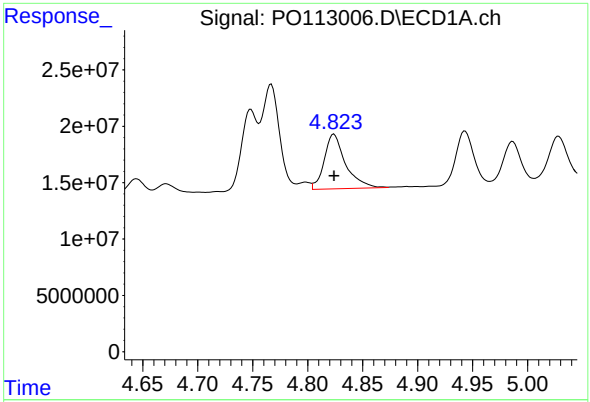
#4 AR-1016-2

R.T.: 4.767 min
Delta R.T.: 0.000 min
Response: 104497855
Conc: 256.72 ng/ml



#4 AR-1016-2

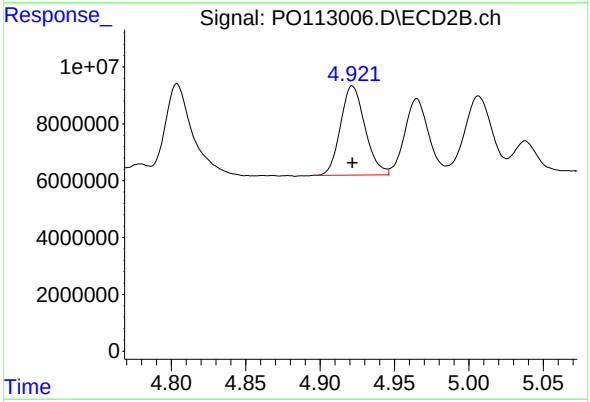
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 66927854
Conc: 261.65 ng/ml



#5 AR-1016-3

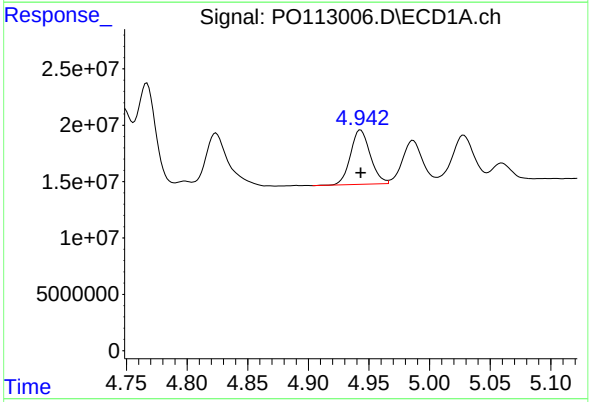
R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 65227510
Conc: 257.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



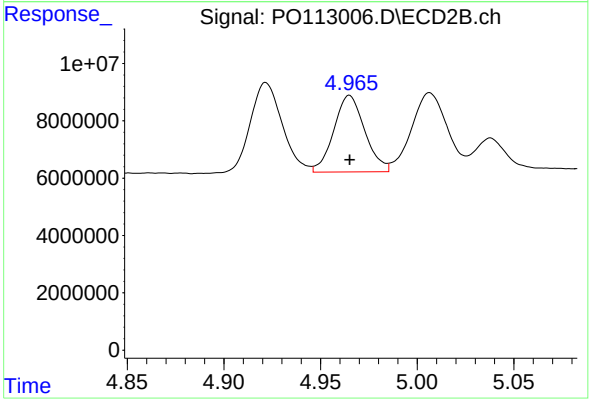
#5 AR-1016-3

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 36041951
Conc: 265.67 ng/ml



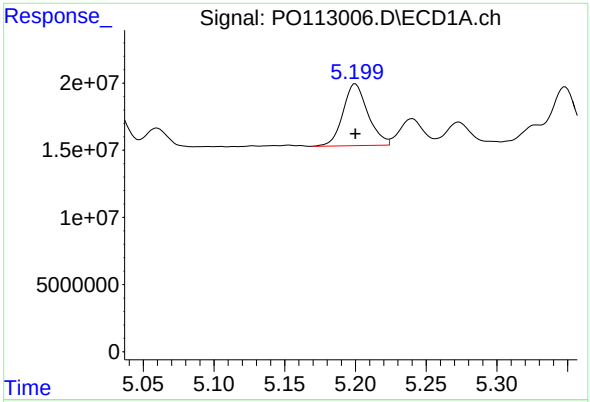
#6 AR-1016-4

R.T.: 4.943 min
Delta R.T.: 0.000 min
Response: 54611515
Conc: 257.80 ng/ml



#6 AR-1016-4

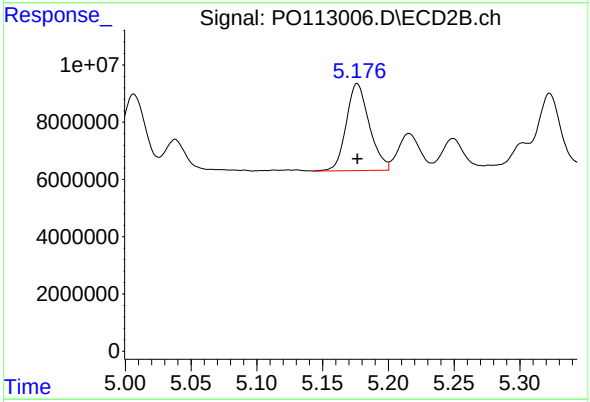
R.T.: 4.965 min
Delta R.T.: 0.000 min
Response: 29903236
Conc: 272.39 ng/ml



#7 AR-1016-5

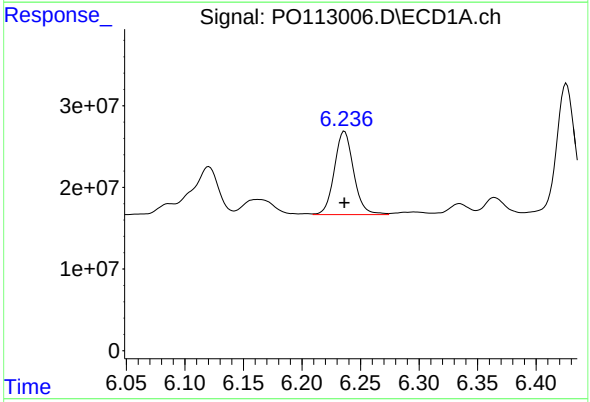
R.T.: 5.200 min
Delta R.T.: 0.000 min
Response: 56506595
Conc: 262.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



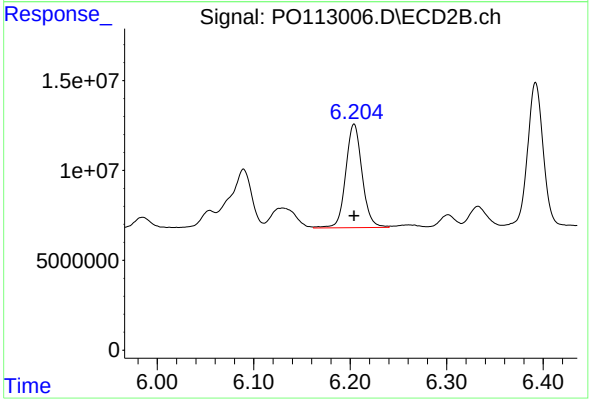
#7 AR-1016-5

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 37101840
Conc: 268.12 ng/ml



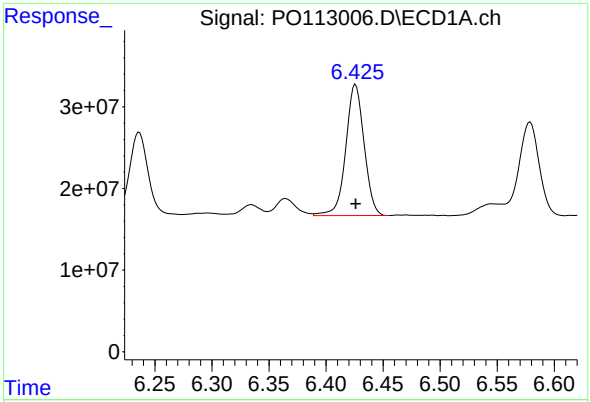
#31 AR-1260-1

R.T.: 6.236 min
Delta R.T.: 0.000 min
Response: 116525327
Conc: 265.92 ng/ml



#31 AR-1260-1

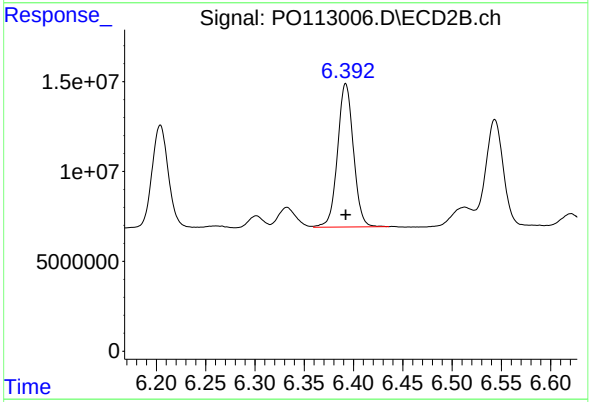
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 68060116
Conc: 273.72 ng/ml



#32 AR-1260-2

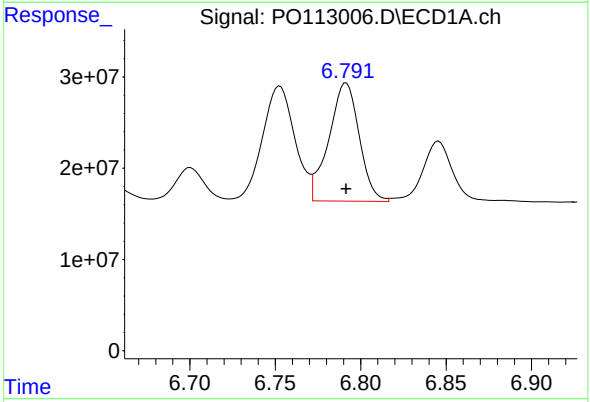
R.T.: 6.426 min
Delta R.T.: 0.000 min
Response: 179517394
Conc: 262.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



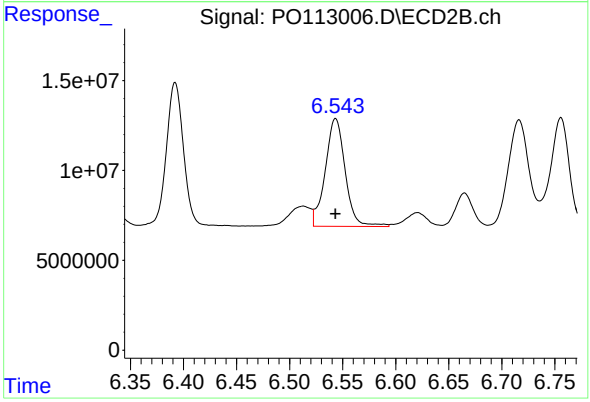
#32 AR-1260-2

R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 89256145
Conc: 265.85 ng/ml



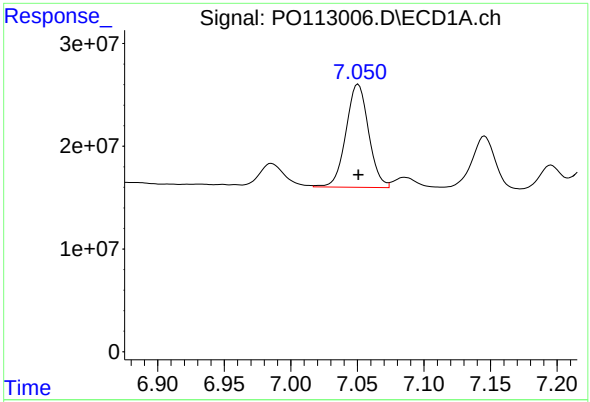
#33 AR-1260-3

R.T.: 6.792 min
Delta R.T.: 0.000 min
Response: 160924191
Conc: 258.16 ng/ml



#33 AR-1260-3

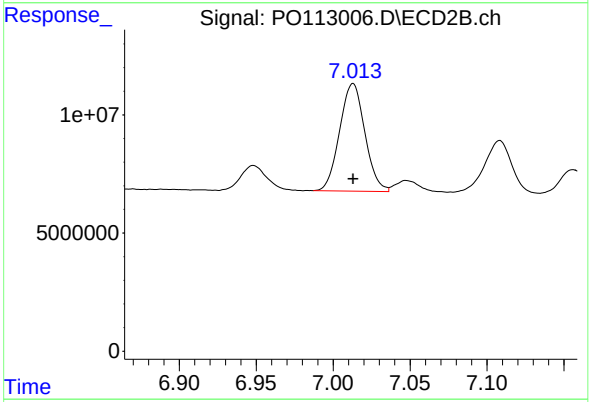
R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 78252684
Conc: 273.17 ng/ml



#34 AR-1260-4

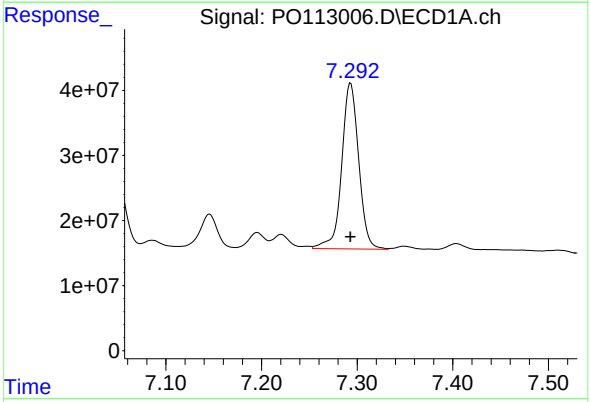
R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 118823234
Conc: 267.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



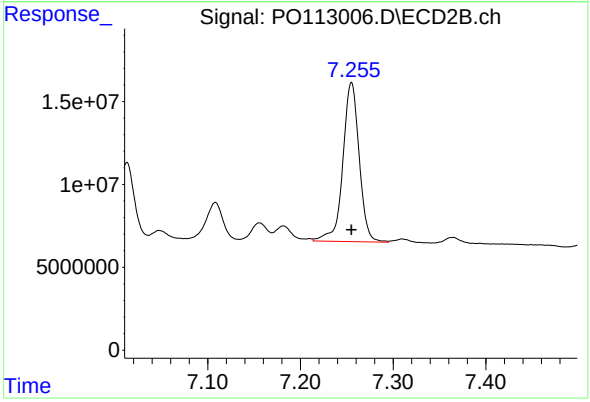
#34 AR-1260-4

R.T.: 7.013 min
Delta R.T.: 0.000 min
Response: 51852007
Conc: 262.03 ng/ml



#35 AR-1260-5

R.T.: 7.293 min
Delta R.T.: 0.000 min
Response: 316499525
Conc: 260.22 ng/ml



#35 AR-1260-5

R.T.: 7.255 min
Delta R.T.: 0.000 min
Response: 117500040
Conc: 260.98 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113007.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 11:06
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 11:21:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 18 11:21:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.663	3.654	38705497	24699023	4.728	4.881
2)	SA Decachlor...	8.681	8.626	33724342	8728376	4.865	4.606
	Target Compounds						
3)	L1 AR-1016-1	4.747	4.728	12924748	8716922	48.963	51.104
4)	L1 AR-1016-2	4.765	4.747	18948771	13256000	47.203	51.448
5)	L1 AR-1016-3	4.823	4.922	13003930	7770949	50.991	55.660
6)	L1 AR-1016-4	4.942	4.964	12149479	7218889	55.714	61.859
7)	L1 AR-1016-5	5.199	5.176	12331019	7956952	55.638	55.827
31)	L7 AR-1260-1	6.234	6.203	23856357	14036794	53.268m	55.031
32)	L7 AR-1260-2	6.424	6.391	35062015	19279056	50.038m	55.766
33)	L7 AR-1260-3	6.790	6.542	29698822	17066697	48.097	57.515m
34)	L7 AR-1260-4	7.049	7.011	23055337	12235910	51.477	59.040
35)	L7 AR-1260-5	7.292	7.253	59416722	27062013	49.077	57.772

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

ICAL Form

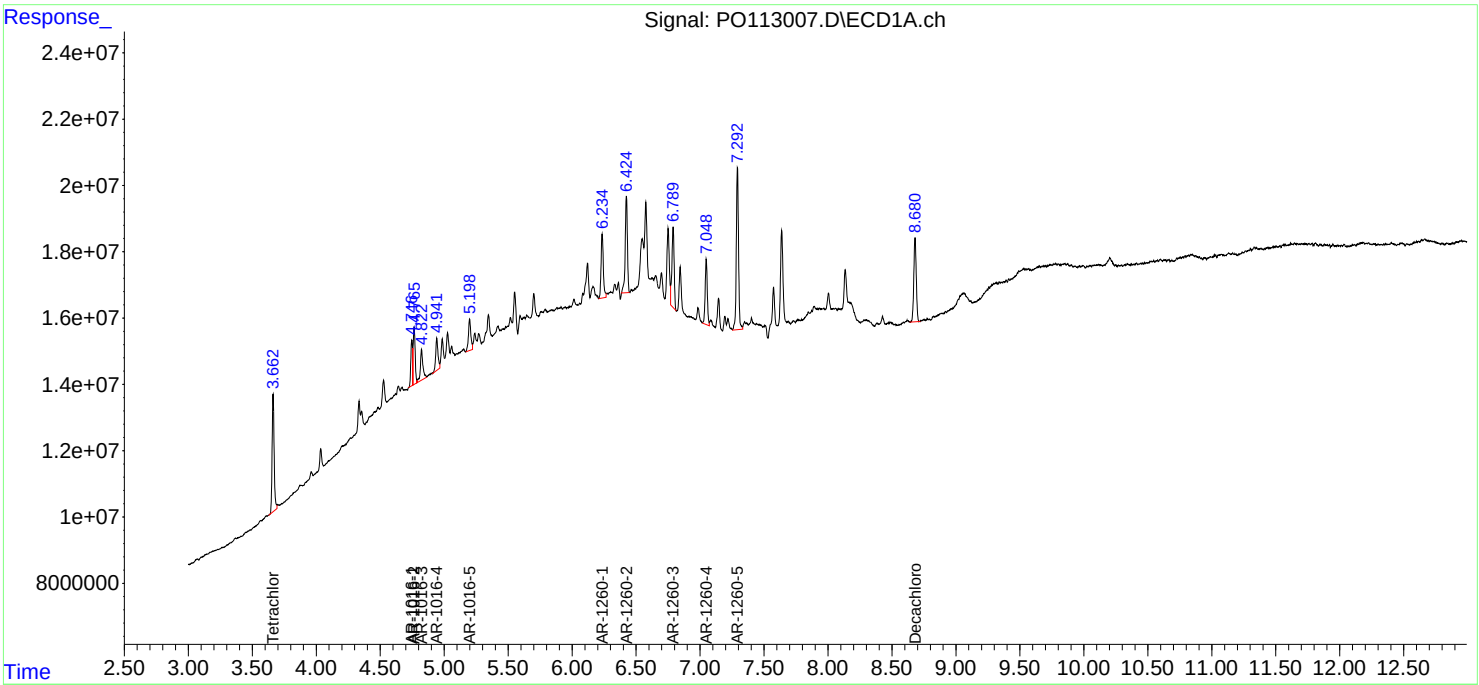
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113007.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 11:06
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

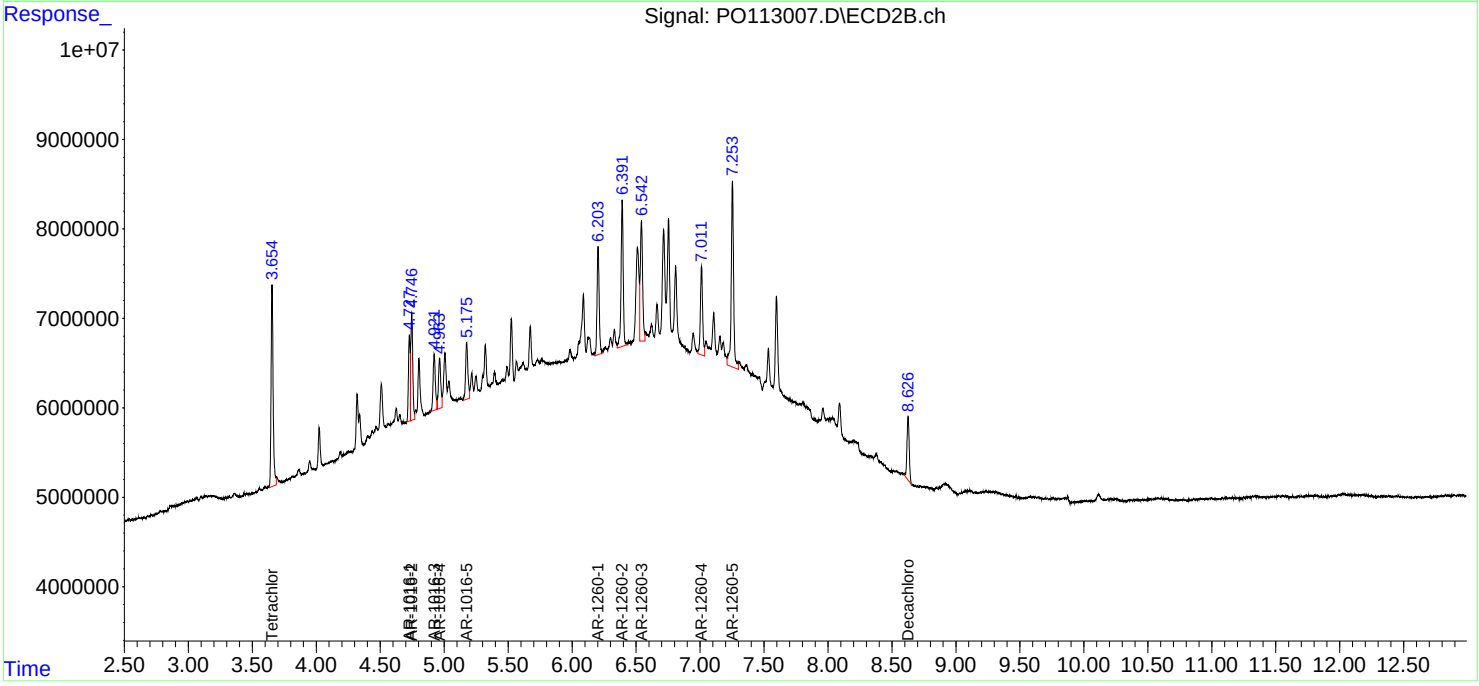
Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

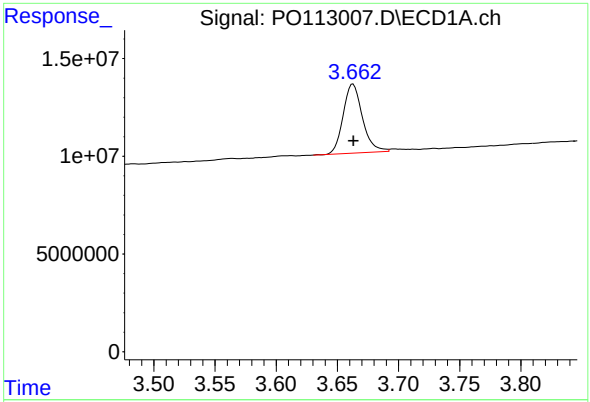
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 11:21:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 18 11:21:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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







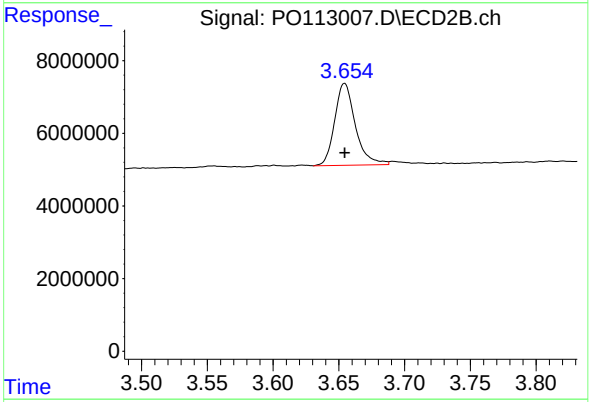
#1 Tetrachloro-m-xylene

R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 38705497
Conc: 4.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

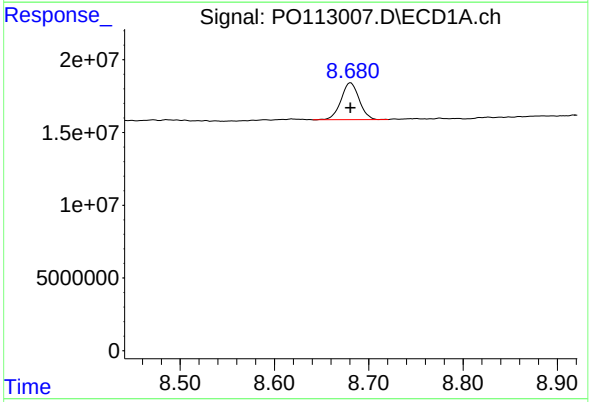
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



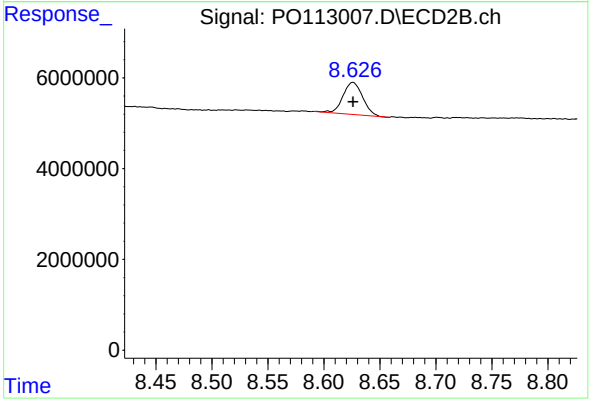
#1 Tetrachloro-m-xylene

R.T.: 3.654 min
Delta R.T.: 0.000 min
Response: 24699023
Conc: 4.88 ng/ml



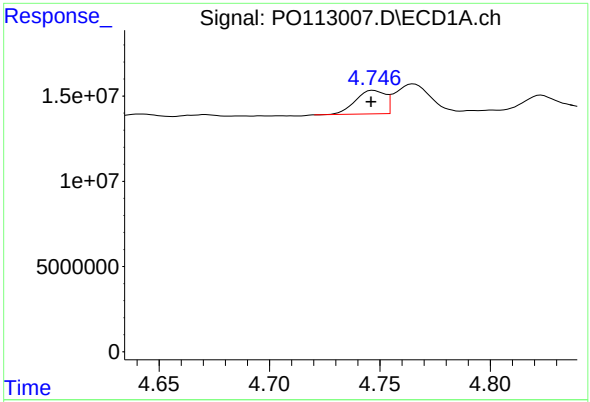
#2 Decachlorobiphenyl

R.T.: 8.681 min
Delta R.T.: 0.000 min
Response: 33724342
Conc: 4.87 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.626 min
Delta R.T.: 0.000 min
Response: 8728376
Conc: 4.61 ng/ml



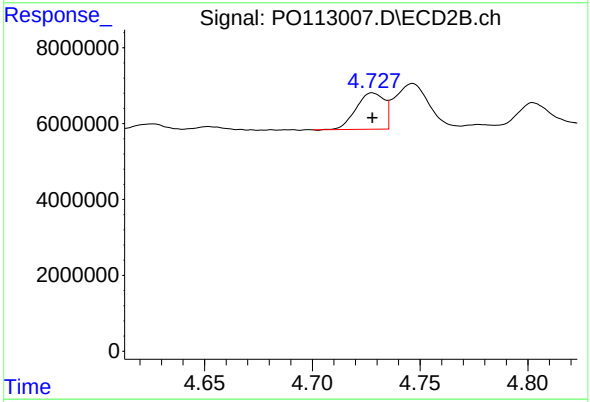
#3 AR-1016-1

R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 12924748
Conc: 48.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

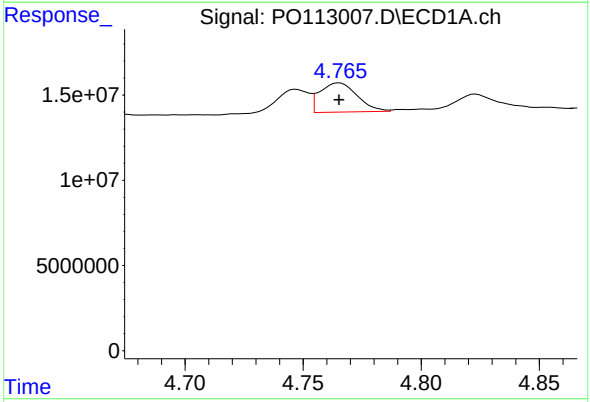
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



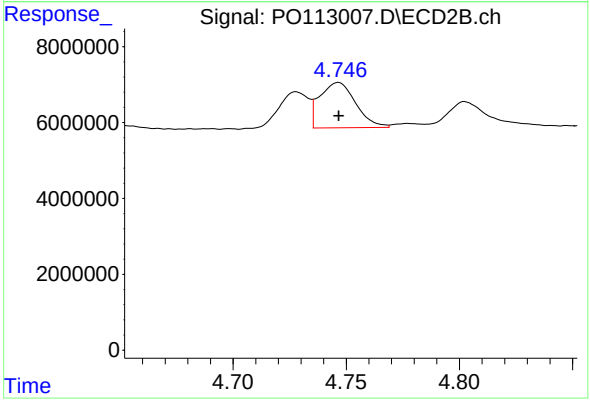
#3 AR-1016-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 8716922
Conc: 51.10 ng/ml



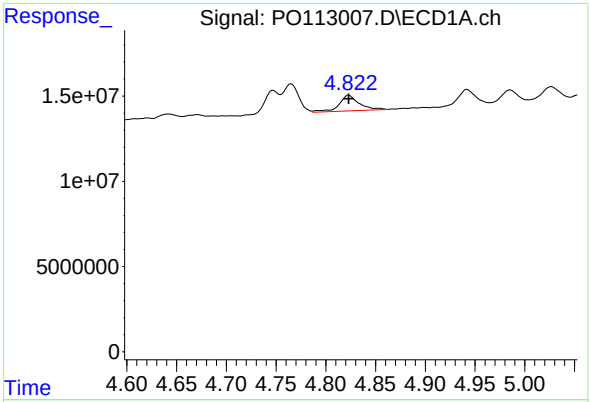
#4 AR-1016-2

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 18948771
Conc: 47.20 ng/ml



#4 AR-1016-2

R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 13256000
Conc: 51.45 ng/ml



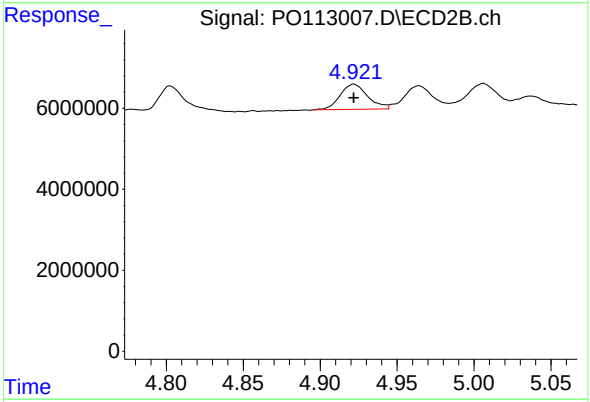
#5 AR-1016-3

R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 13003930
Conc: 50.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

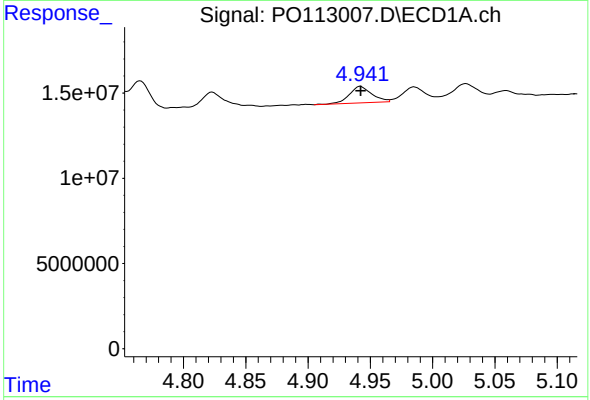
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



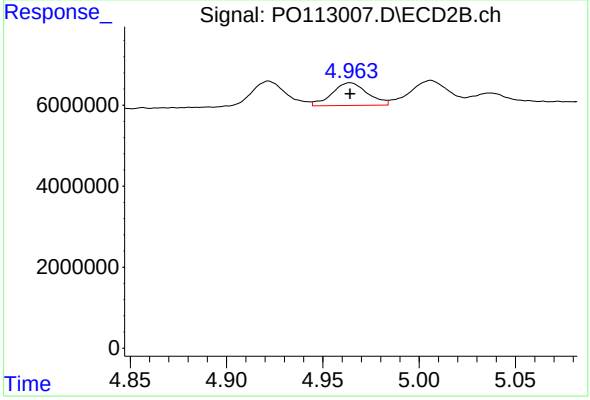
#5 AR-1016-3

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 7770949
Conc: 55.66 ng/ml



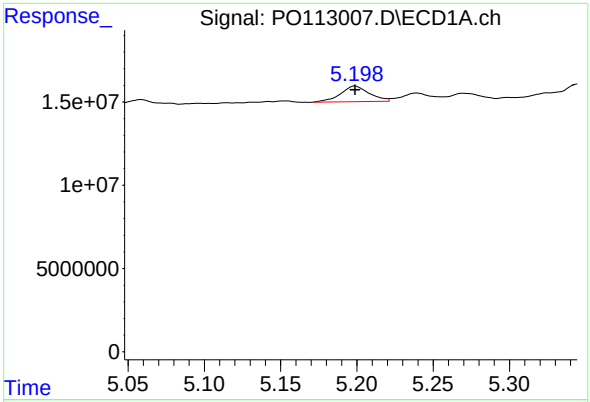
#6 AR-1016-4

R.T.: 4.942 min
Delta R.T.: 0.000 min
Response: 12149479
Conc: 55.71 ng/ml



#6 AR-1016-4

R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 7218889
Conc: 61.86 ng/ml



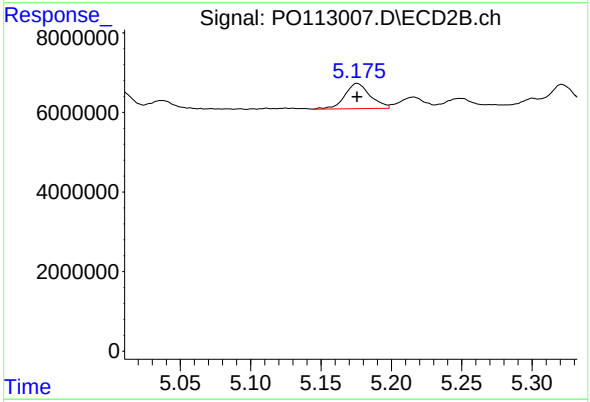
#7 AR-1016-5

R.T.: 5.199 min
Delta R.T.: 0.000 min
Response: 12331019
Conc: 55.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

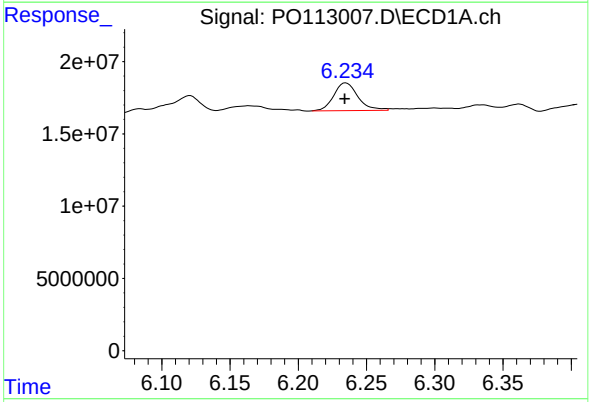
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



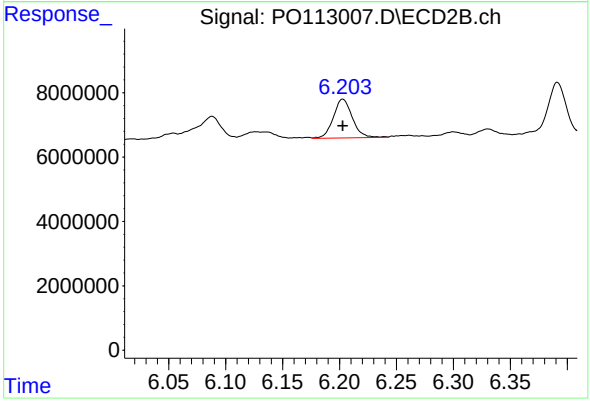
#7 AR-1016-5

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 7956952
Conc: 55.83 ng/ml



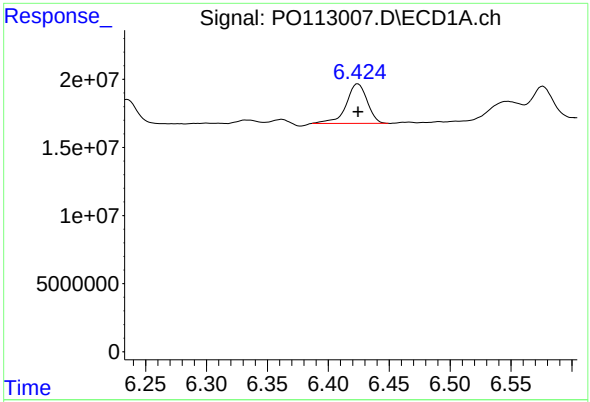
#31 AR-1260-1

R.T.: 6.234 min
Delta R.T.: 0.000 min
Response: 23856357
Conc: 53.27 ng/ml m



#31 AR-1260-1

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 14036794
Conc: 55.03 ng/ml



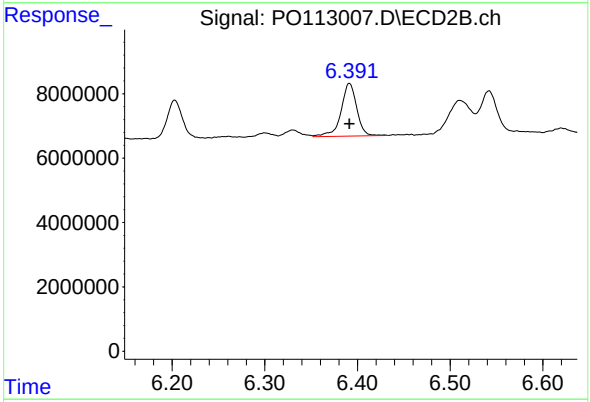
#32 AR-1260-2

R.T.: 6.424 min
Delta R.T.: 0.000 min
Response: 35062015
Conc: 50.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

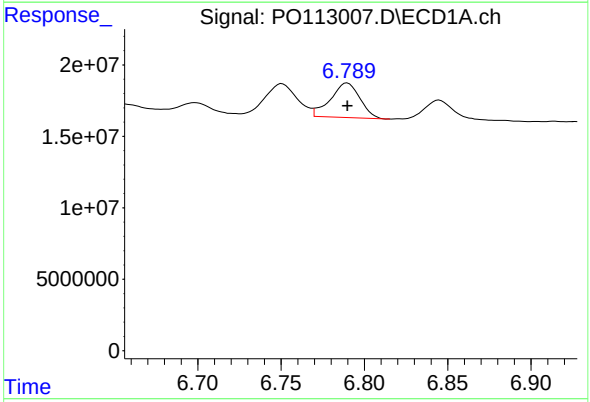
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



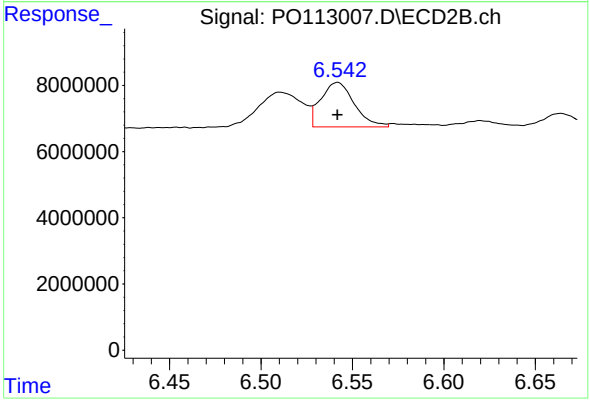
#32 AR-1260-2

R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 19279056
Conc: 55.77 ng/ml



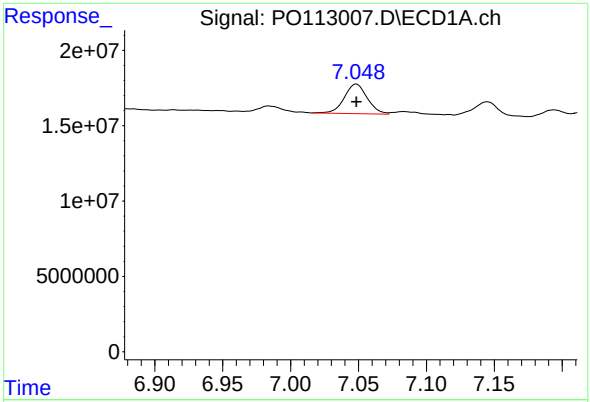
#33 AR-1260-3

R.T.: 6.790 min
Delta R.T.: 0.000 min
Response: 29698822
Conc: 48.10 ng/ml



#33 AR-1260-3

R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 17066697
Conc: 57.52 ng/ml m



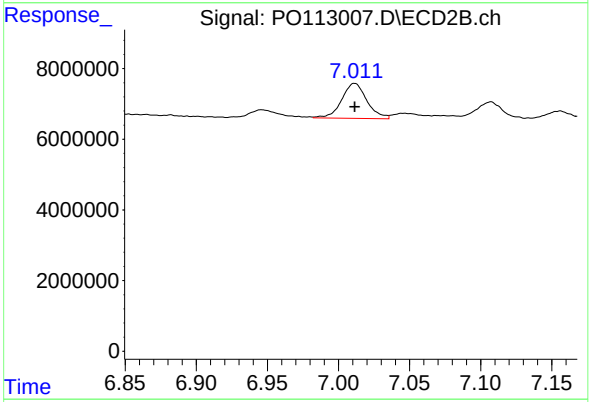
#34 AR-1260-4

R.T.: 7.049 min
Delta R.T.: 0.000 min
Response: 23055337
Conc: 51.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

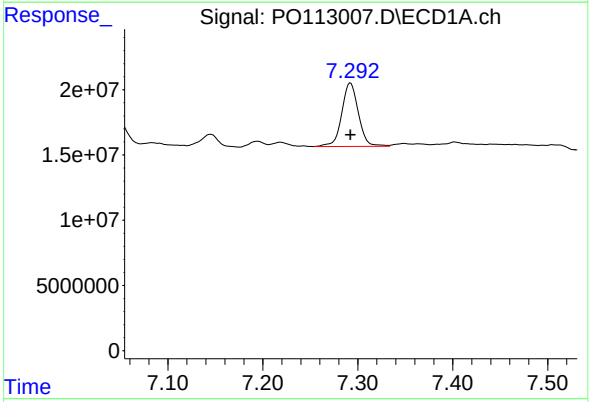
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



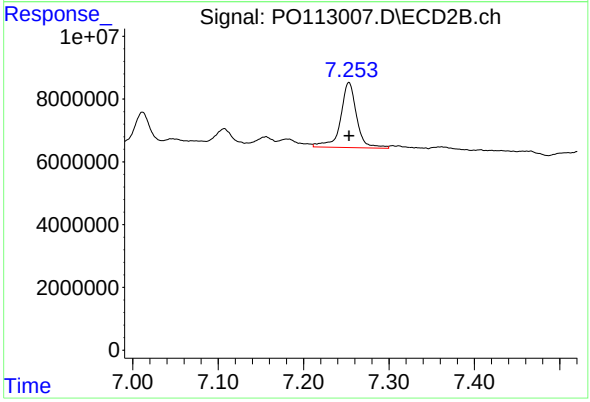
#34 AR-1260-4

R.T.: 7.011 min
Delta R.T.: 0.000 min
Response: 12235910
Conc: 59.04 ng/ml



#35 AR-1260-5

R.T.: 7.292 min
Delta R.T.: 0.000 min
Response: 59416722
Conc: 49.08 ng/ml



#35 AR-1260-5

R.T.: 7.253 min
Delta R.T.: 0.000 min
Response: 27062013
Conc: 57.77 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113008.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 11:25
Operator : YP/AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 04:47:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 04:47:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.663	3.655	413.6E6	254.0E6	50.000	50.000
2)	SA Decachlor...	8.682	8.627	342.9E6	94957632	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	3.874	3.864	46786628	31560573	500.000	500.000
9)	L2 AR-1221-2	3.960	3.950	33775329	23336608	500.000	500.000
10)	L2 AR-1221-3	4.036	4.024	110.7E6	74237501	500.000	500.000

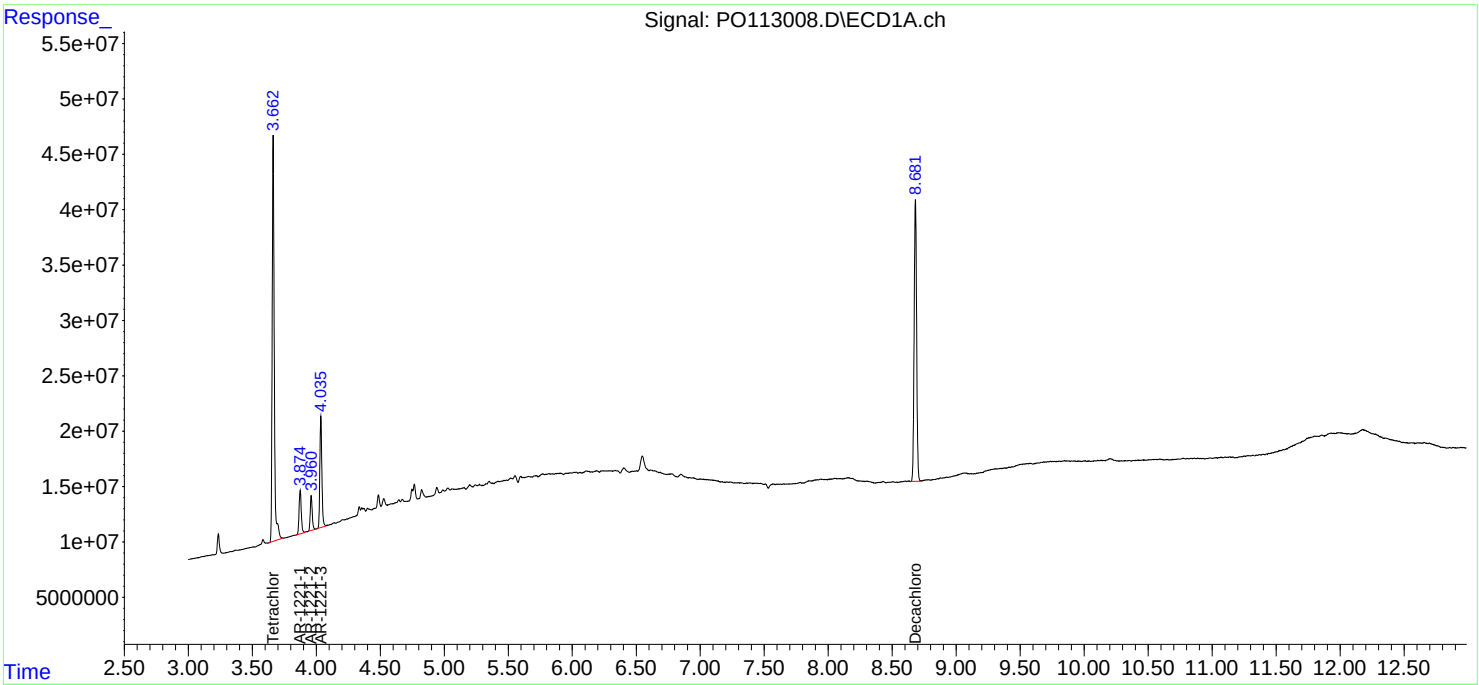
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

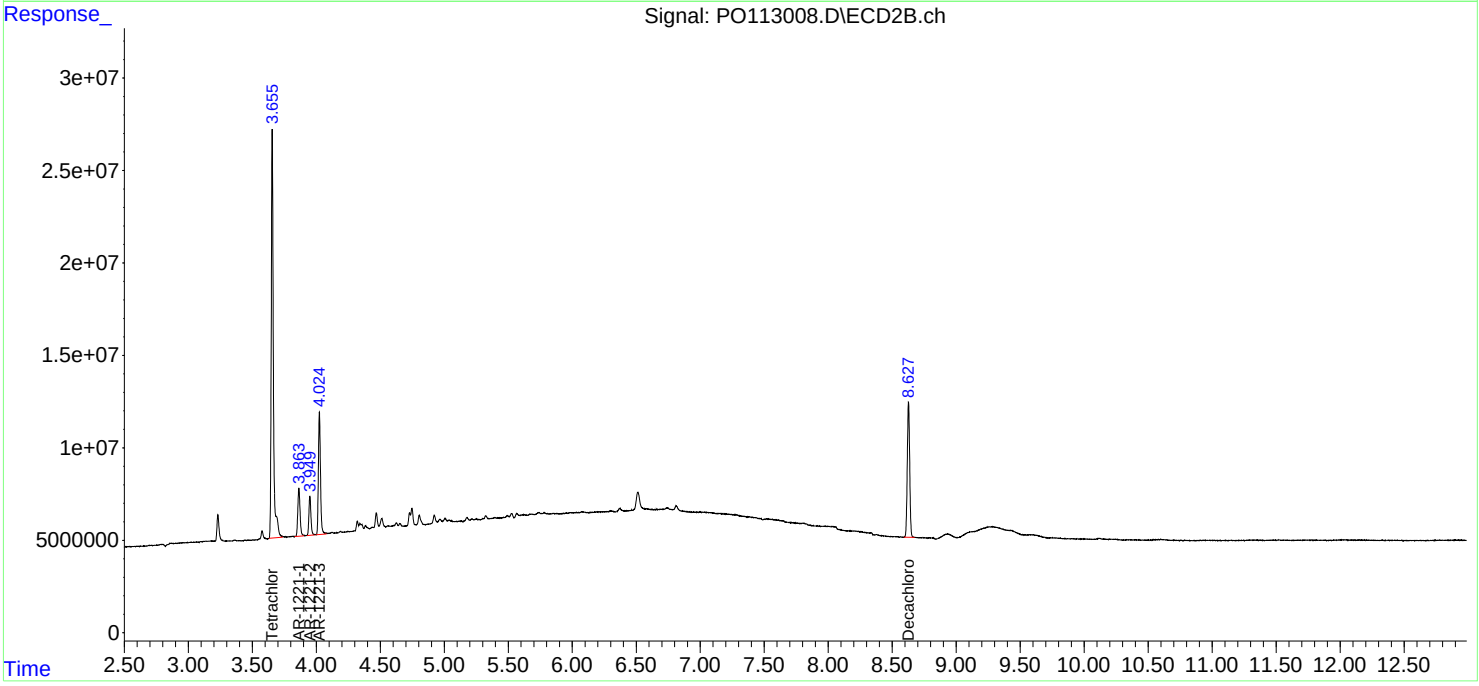
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113008.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 11:25
Operator : YP/AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

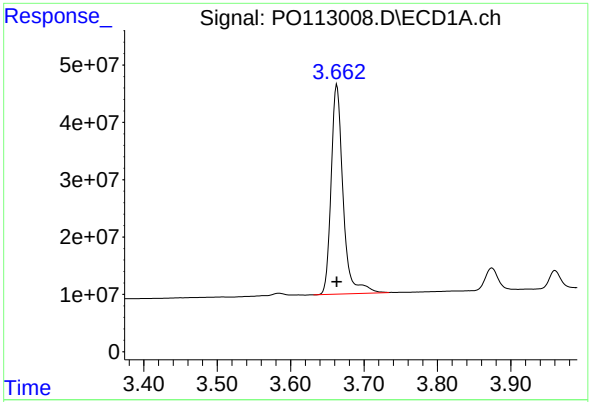
Instrument :
ECD_O
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 04:47:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 04:47:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



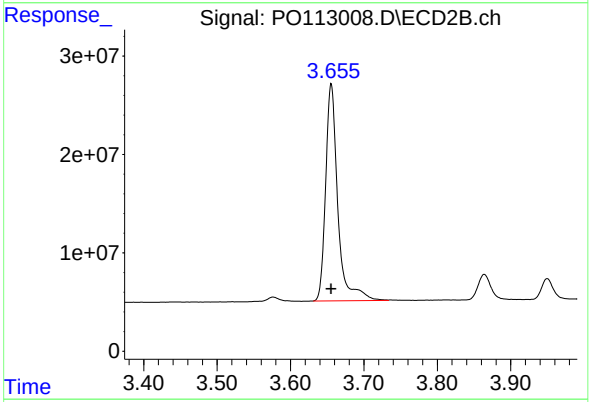




#1 Tetrachloro-m-xylene

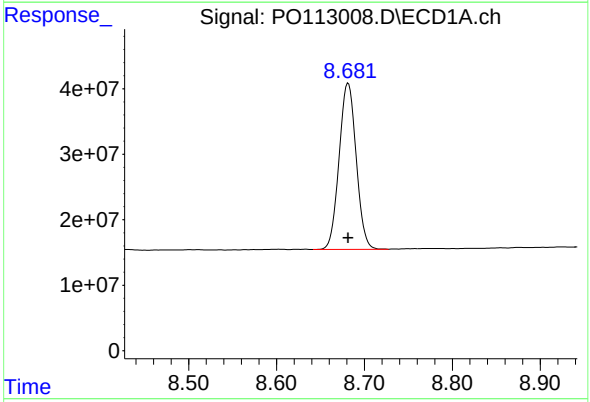
R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 413631702
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



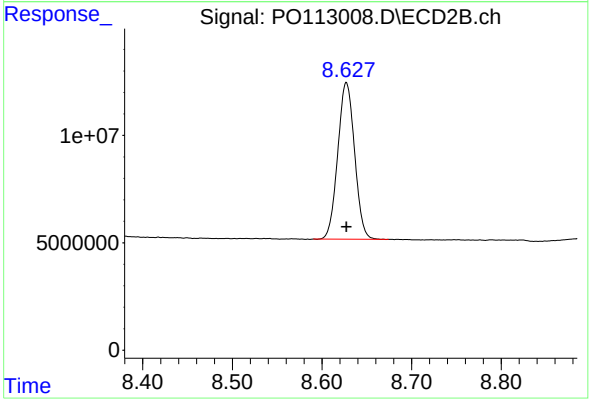
#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 253967740
Conc: 50.00 ng/ml



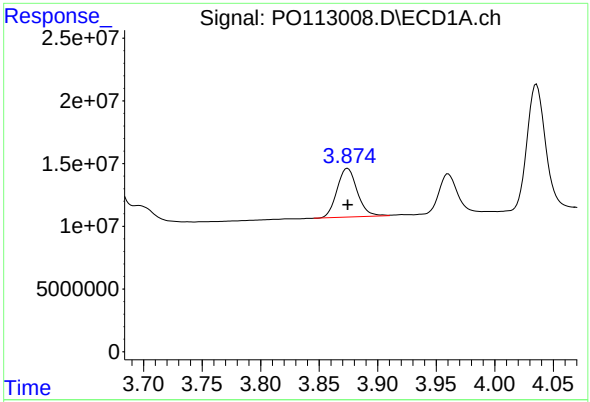
#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 342924126
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

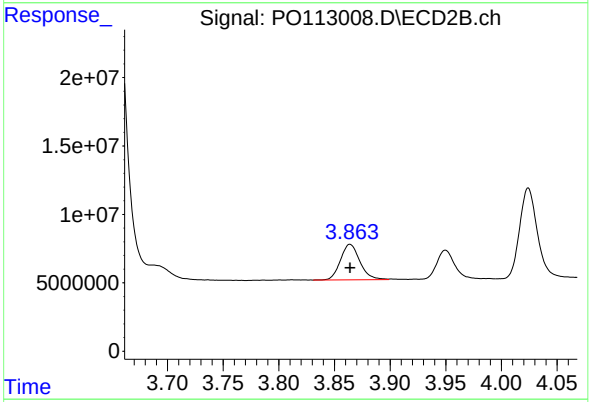
R.T.: 8.627 min
Delta R.T.: 0.000 min
Response: 94957632
Conc: 50.00 ng/ml



#8 AR-1221-1

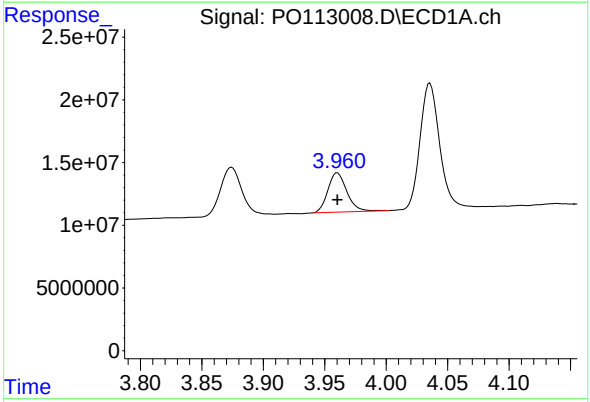
R.T.: 3.874 min
Delta R.T.: 0.000 min
Response: 46786628
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



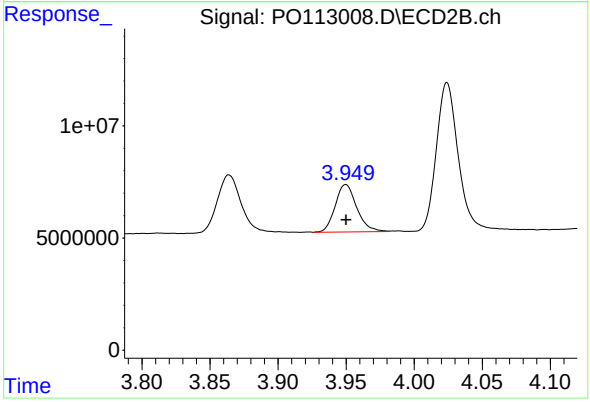
#8 AR-1221-1

R.T.: 3.864 min
Delta R.T.: 0.000 min
Response: 31560573
Conc: 500.00 ng/ml



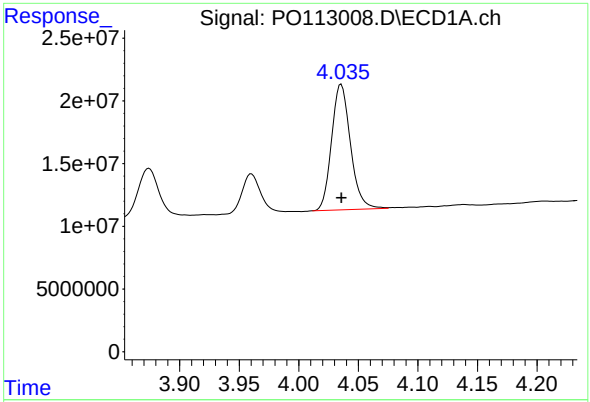
#9 AR-1221-2

R.T.: 3.960 min
Delta R.T.: 0.000 min
Response: 33775329
Conc: 500.00 ng/ml



#9 AR-1221-2

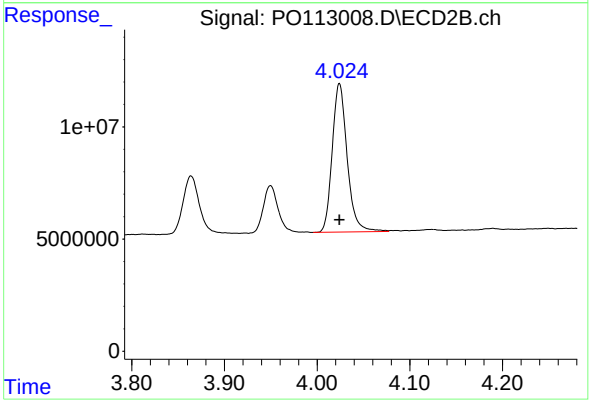
R.T.: 3.950 min
Delta R.T.: 0.000 min
Response: 23336608
Conc: 500.00 ng/ml



#10 AR-1221-3

R.T.: 4.036 min
Delta R.T.: 0.000 min
Response: 110675568
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



#10 AR-1221-3

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 74237501
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113009.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 11:43
Operator : YP/AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 04:57:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 04:57:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.663	3.655	425.2E6	260.6E6	50.000	50.000
2)	SA Decachlor...	8.682	8.628	358.9E6	97760702	50.000	50.000
	Target Compounds						
11)	L3 AR-1232-1	4.036	4.023	87003202	58701316	500.000	500.000
12)	L3 AR-1232-2	4.527	4.747	49926230	61272548	500.000	500.000
13)	L3 AR-1232-3	4.767	4.922	94737736	31672814	500.000	500.000
14)	L3 AR-1232-4	4.942	5.006	47084775	28110590	500.000	500.000
15)	L3 AR-1232-5	4.986	5.176	30971484	29931775	500.000	500.000

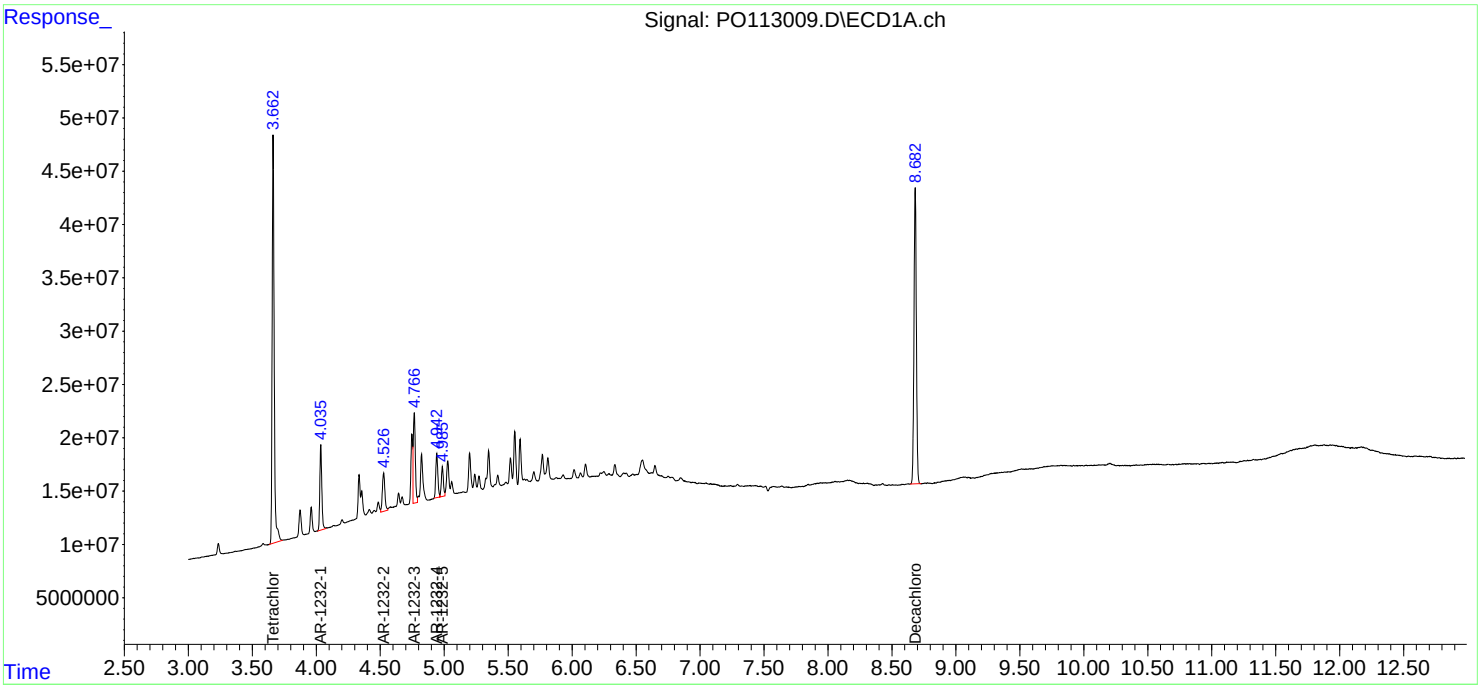
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

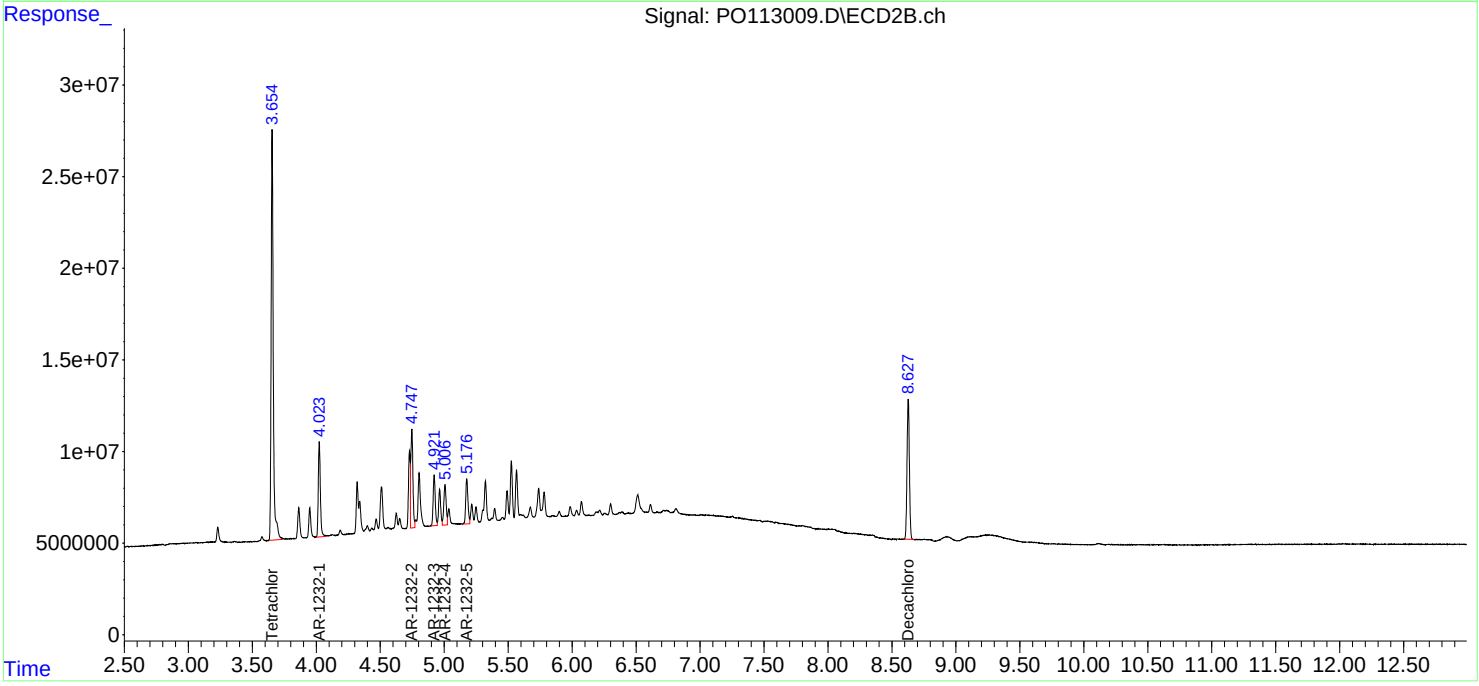
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113009.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 11:43
Operator : YP/AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

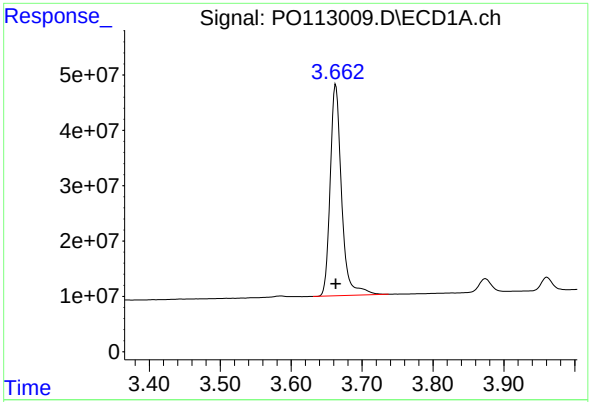
Instrument :
ECD_O
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 04:57:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 04:57:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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



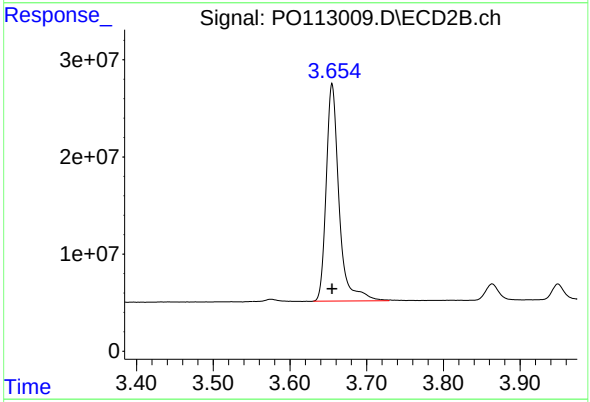




#1 Tetrachloro-m-xylene

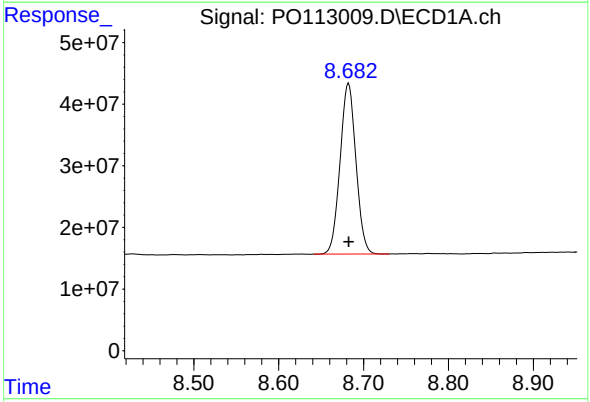
R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 425159885
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



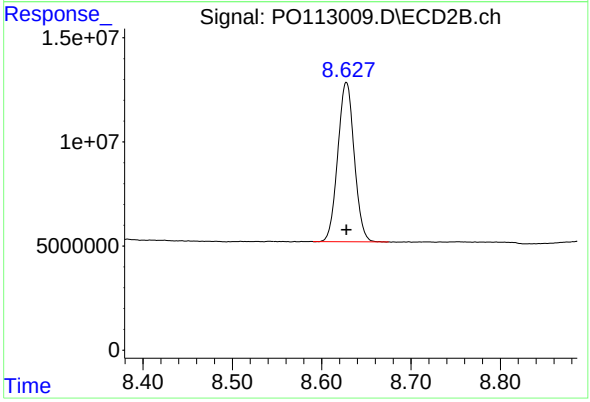
#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 260568167
Conc: 50.00 ng/ml



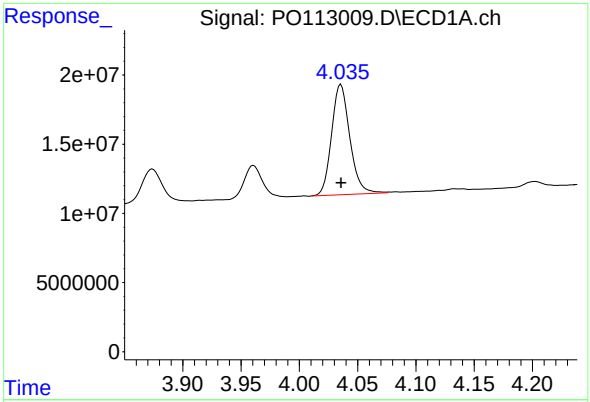
#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 358864474
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

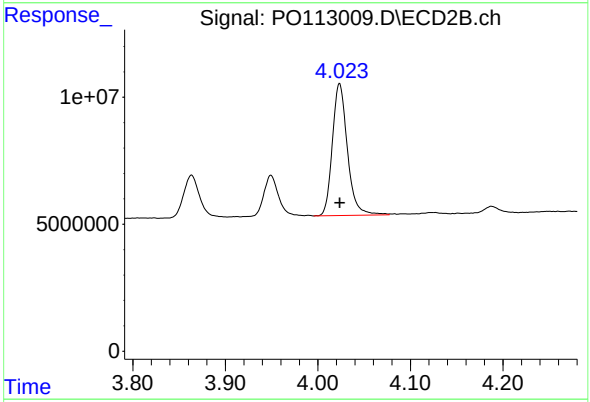
R.T.: 8.628 min
Delta R.T.: 0.000 min
Response: 97760702
Conc: 50.00 ng/ml



#11 AR-1232-1

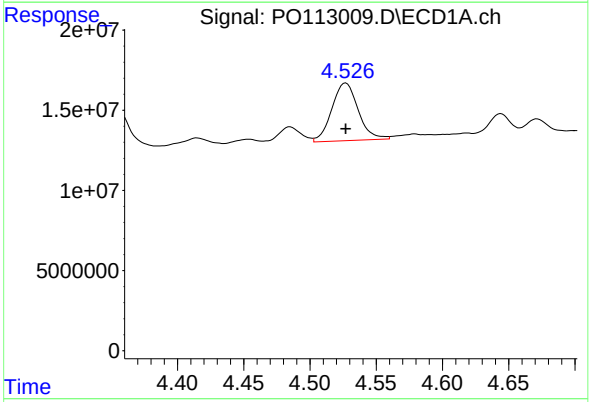
R.T.: 4.036 min
Delta R.T.: 0.000 min
Response: 87003202
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



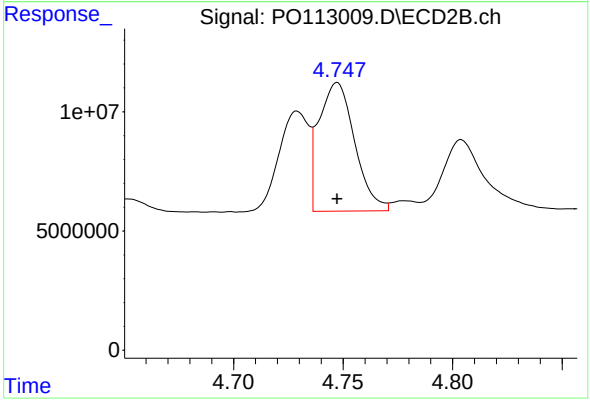
#11 AR-1232-1

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 58701316
Conc: 500.00 ng/ml



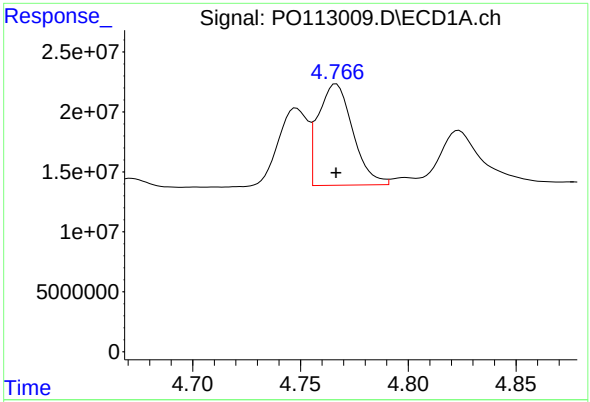
#12 AR-1232-2

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 49926230
Conc: 500.00 ng/ml



#12 AR-1232-2

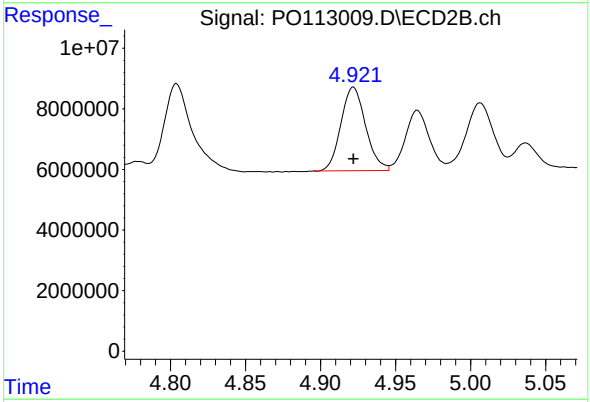
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 61272548
Conc: 500.00 ng/ml



#13 AR-1232-3

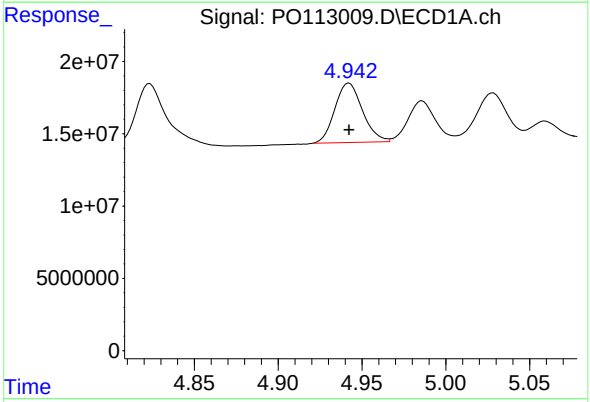
R.T.: 4.767 min
Delta R.T.: 0.000 min
Response: 94737736
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



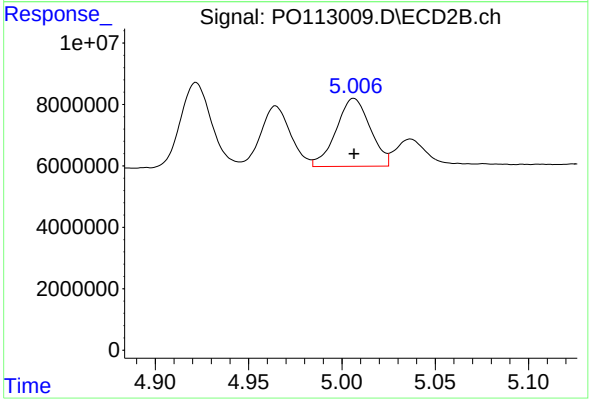
#13 AR-1232-3

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 31672814
Conc: 500.00 ng/ml



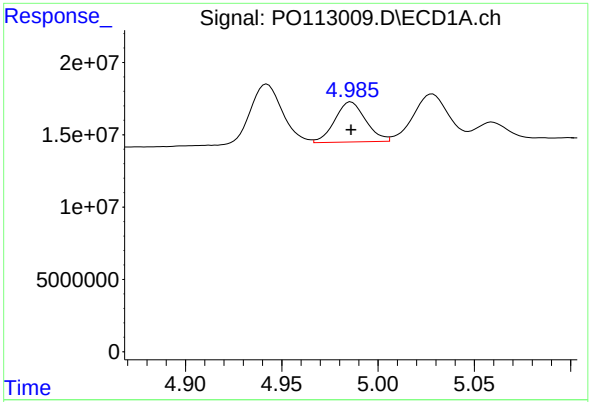
#14 AR-1232-4

R.T.: 4.942 min
Delta R.T.: 0.000 min
Response: 47084775
Conc: 500.00 ng/ml



#14 AR-1232-4

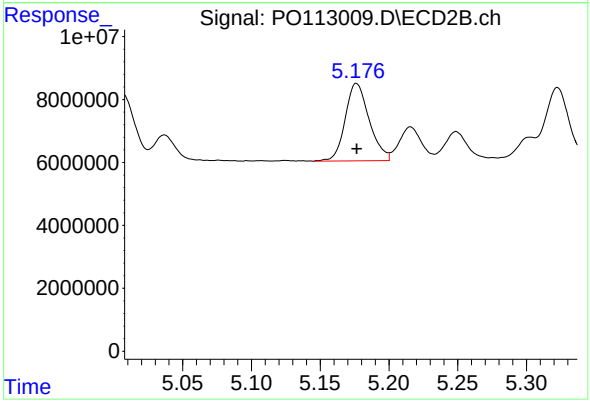
R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 28110590
Conc: 500.00 ng/ml



#15 AR-1232-5

R.T.: 4.986 min
Delta R.T.: 0.000 min
Response: 30971484
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



#15 AR-1232-5

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 29931775
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113010.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 12:01
Operator : YP/AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:01:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:00:30 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...	3.664	3.656	790.3E6	482.6E6	91.305	91.569
2)	SA Decachlor...	8.682	8.629	698.4E6	186.8E6	94.884	93.137
	Target Compounds						
16)	L4 AR-1242-1	4.748	4.729	219.0E6	133.9E6	902.034	878.518
17)	L4 AR-1242-2	4.767	4.747	328.0E6	204.0E6	899.261	894.341
18)	L4 AR-1242-3	4.824	4.923	205.3E6	105.7E6	902.879	874.106
19)	L4 AR-1242-4	4.943	5.007	165.3E6	101.7E6	901.450	864.505
20)	L4 AR-1242-5	5.594	5.526	180.7E6	136.1E6	862.178	877.068

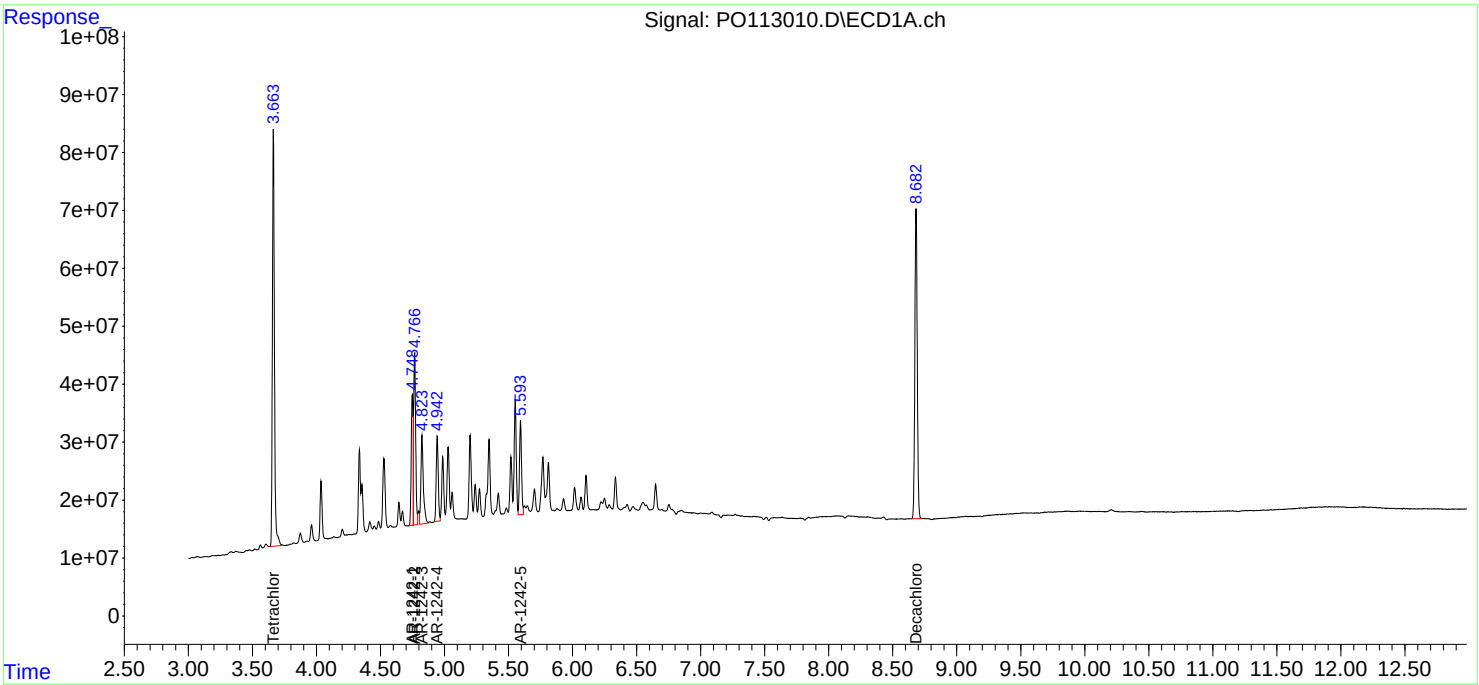
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

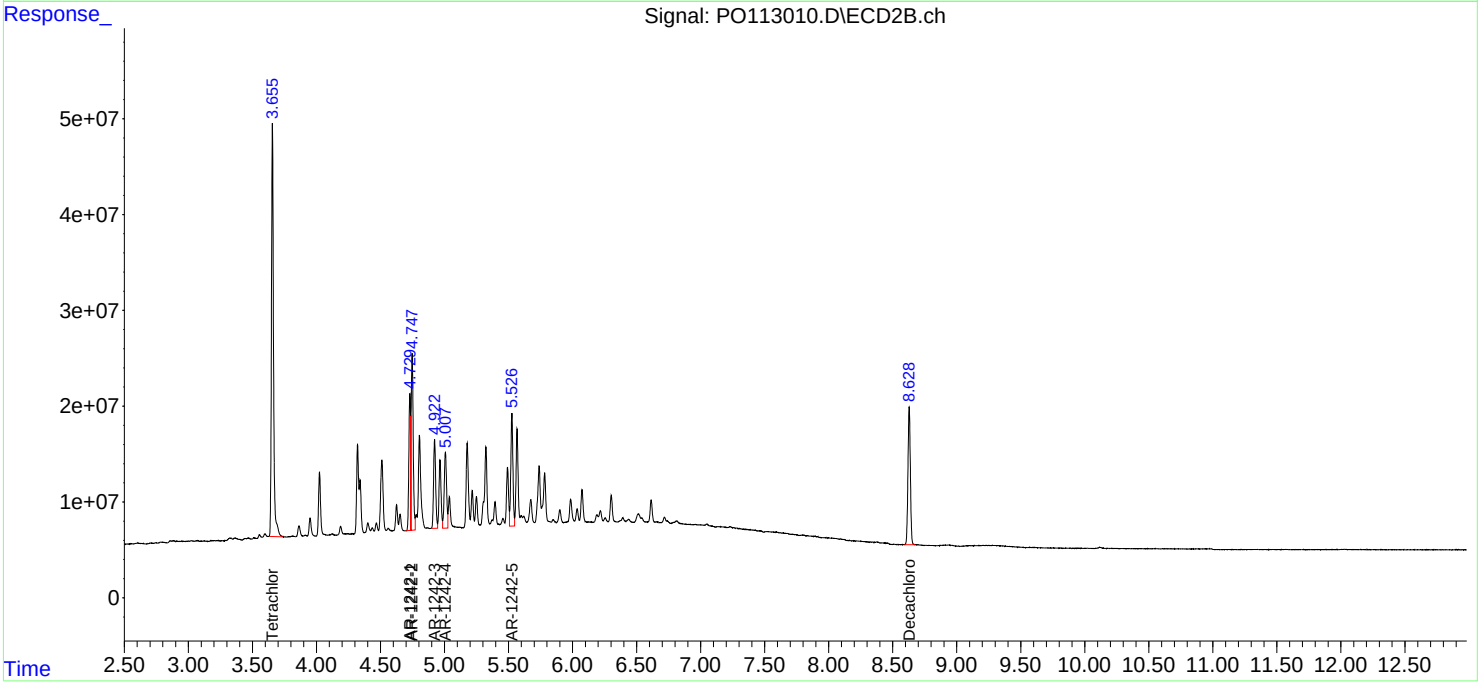
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113010.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 12:01
Operator : YP/AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

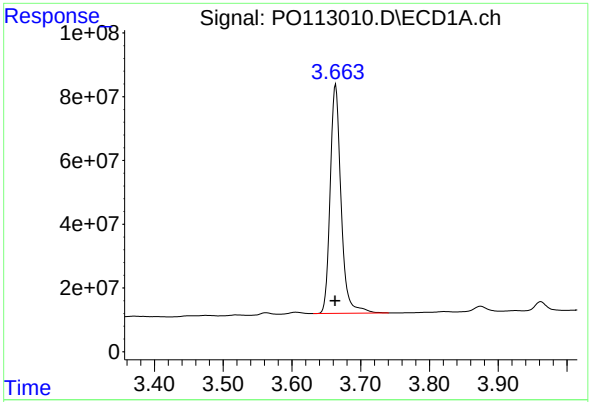
Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:01:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:00:30 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



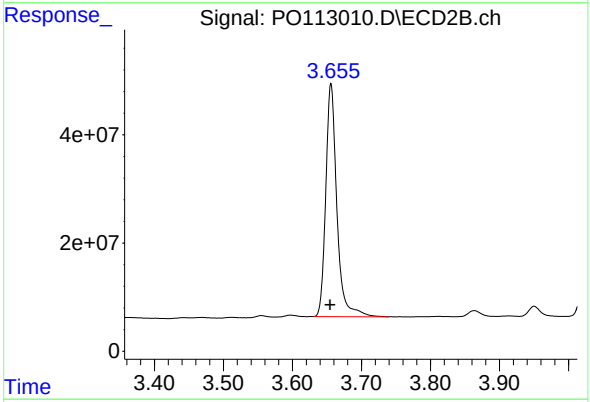




#1 Tetrachloro-m-xylene

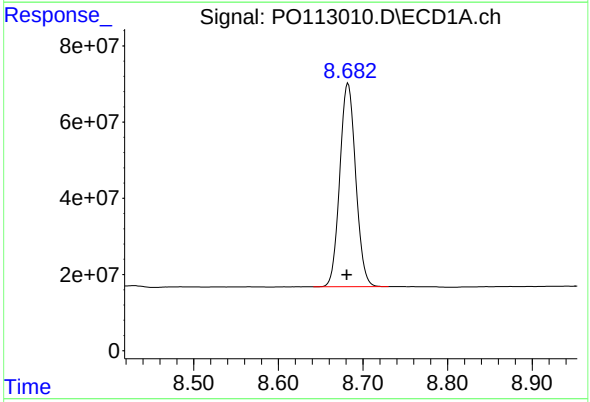
R.T.: 3.664 min
Delta R.T.: 0.000 min
Response: 790254297
Conc: 91.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



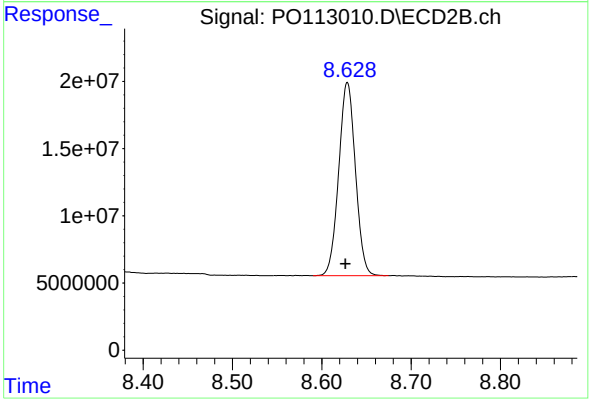
#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: 0.001 min
Response: 482581368
Conc: 91.57 ng/ml



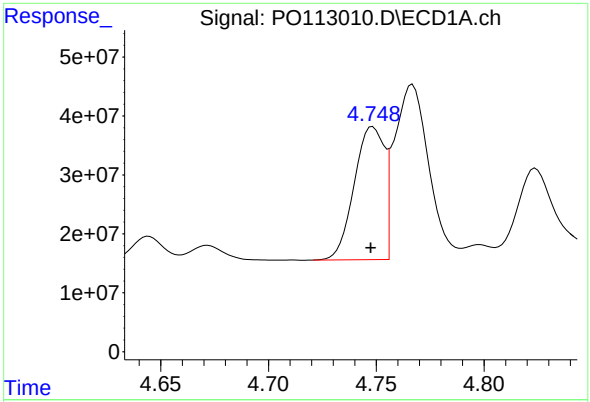
#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.002 min
Response: 698375112
Conc: 94.88 ng/ml



#2 Decachlorobiphenyl

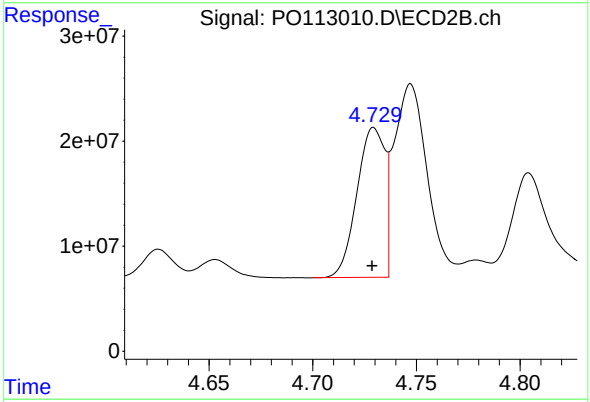
R.T.: 8.629 min
Delta R.T.: 0.002 min
Response: 186805712
Conc: 93.14 ng/ml



#16 AR-1242-1

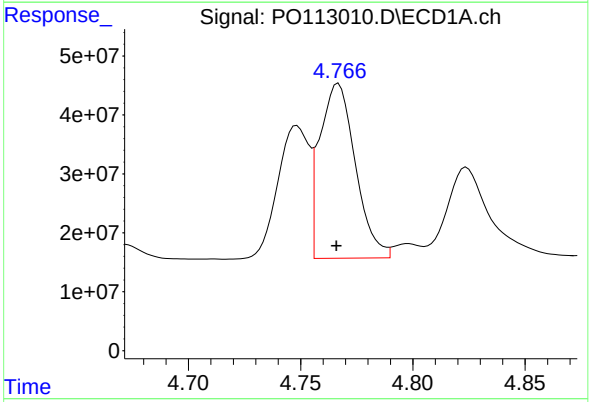
R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 219003807
Conc: 902.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



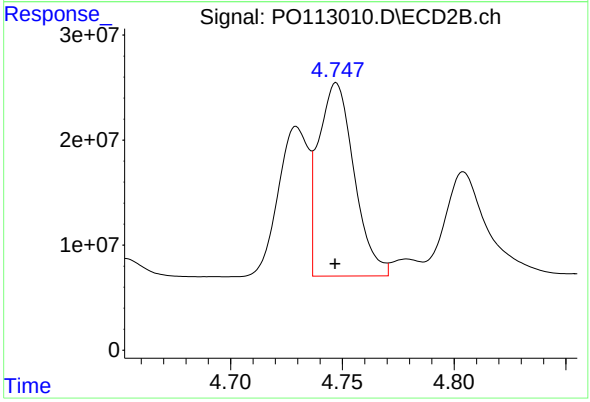
#16 AR-1242-1

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 133881576
Conc: 878.52 ng/ml



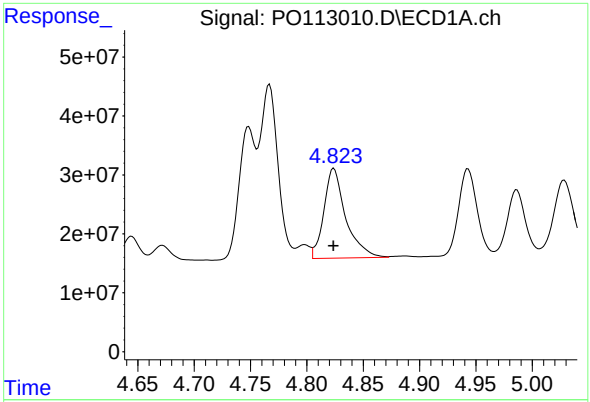
#17 AR-1242-2

R.T.: 4.767 min
Delta R.T.: 0.000 min
Response: 327976735
Conc: 899.26 ng/ml



#17 AR-1242-2

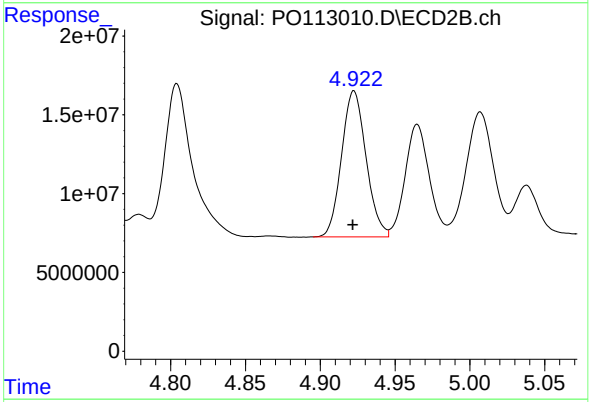
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 203955870
Conc: 894.34 ng/ml



#18 AR-1242-3

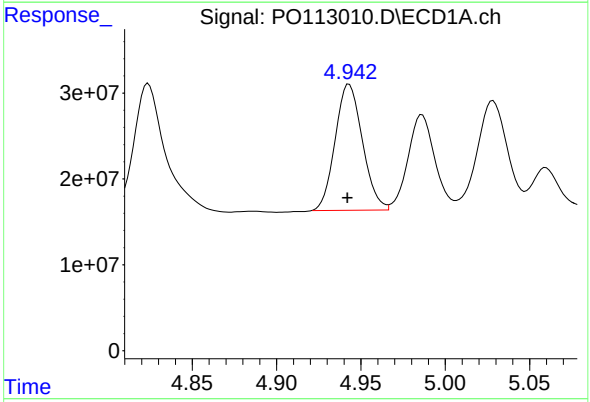
R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 205275217
Conc: 902.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



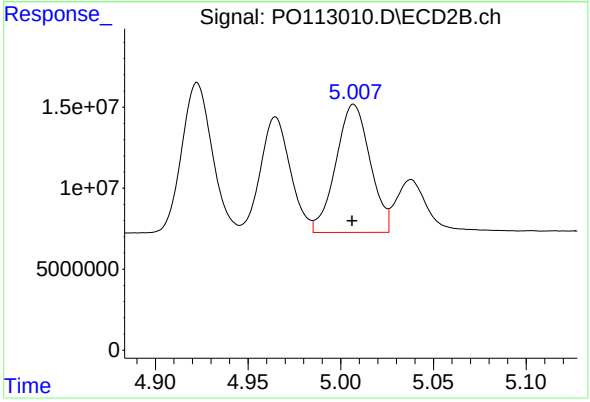
#18 AR-1242-3

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 105689998
Conc: 874.11 ng/ml



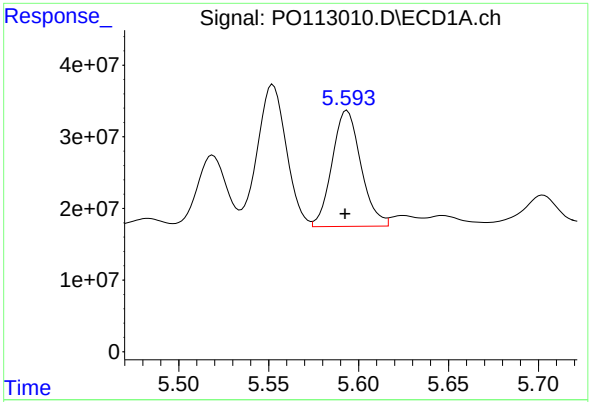
#19 AR-1242-4

R.T.: 4.943 min
Delta R.T.: 0.001 min
Response: 165269678
Conc: 901.45 ng/ml



#19 AR-1242-4

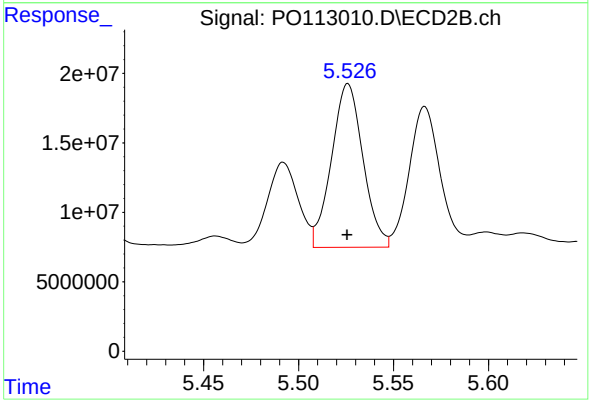
R.T.: 5.007 min
Delta R.T.: 0.000 min
Response: 101683397
Conc: 864.50 ng/ml



#20 AR-1242-5

R.T.: 5.594 min
Delta R.T.: 0.001 min
Response: 180656505
Conc: 862.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



#20 AR-1242-5

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 136091884
Conc: 877.07 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113011.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 12:20
Operator : YP/AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:01:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:00:30 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...	3.663	3.655	620.6E6	380.4E6	71.701	72.170
2)	SA Decachlor...	8.682	8.627	540.0E6	146.8E6	73.362	73.184
	Target Compounds						
16)	L4 AR-1242-1	4.748	4.729	175.1E6	107.3E6	721.386	704.350
17)	L4 AR-1242-2	4.766	4.746	258.7E6	162.9E6	709.343	714.312
18)	L4 AR-1242-3	4.823	4.922	163.5E6	85600439	719.316	707.956
19)	L4 AR-1242-4	4.943	5.006	131.5E6	82987408	717.438	705.553
20)	L4 AR-1242-5	5.593	5.525	147.5E6	109.5E6	703.881	705.578

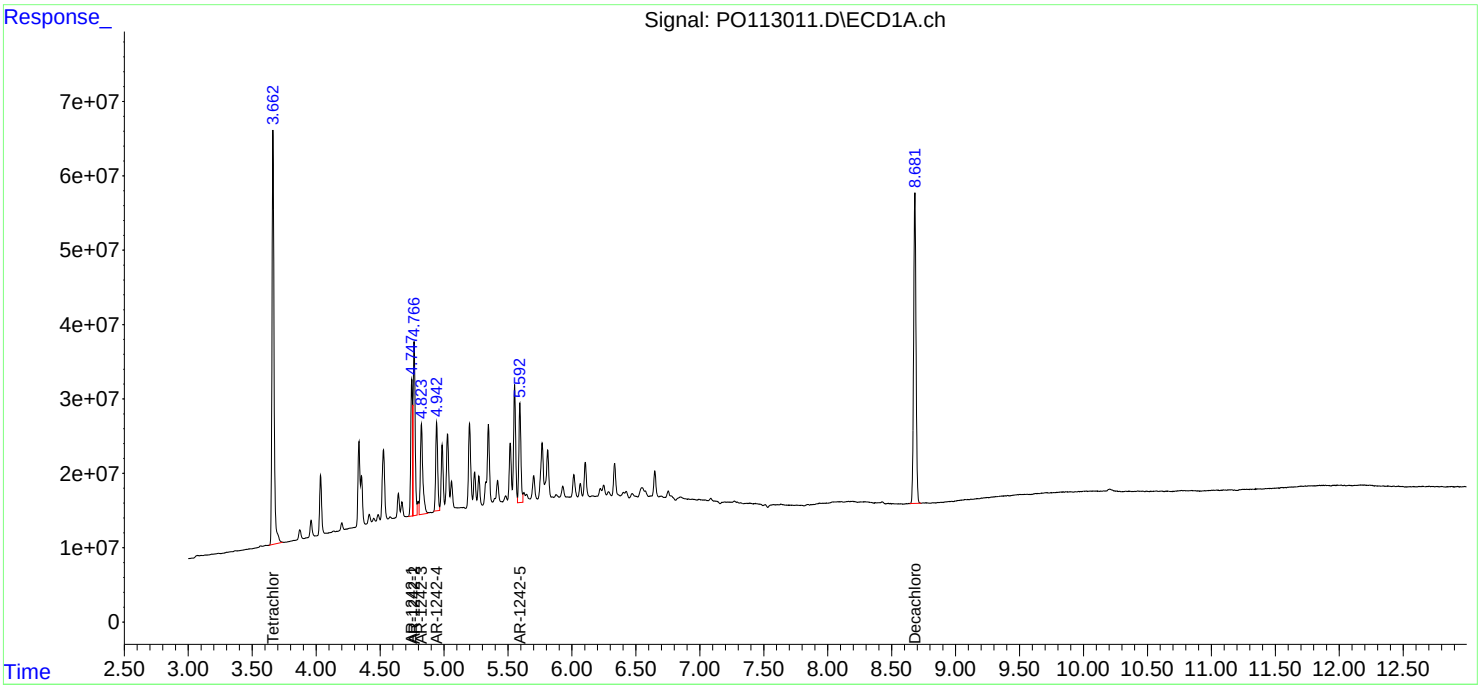
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

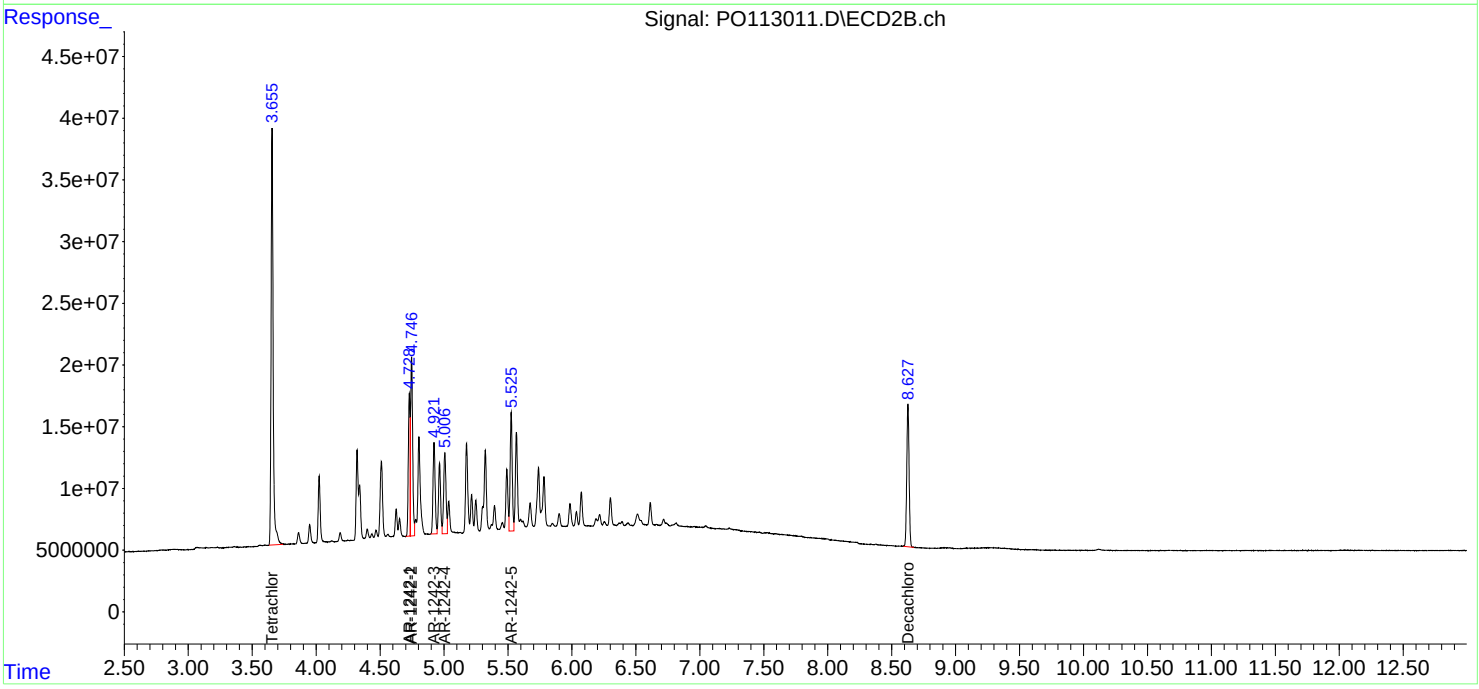
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113011.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 12:20
Operator : YP/AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

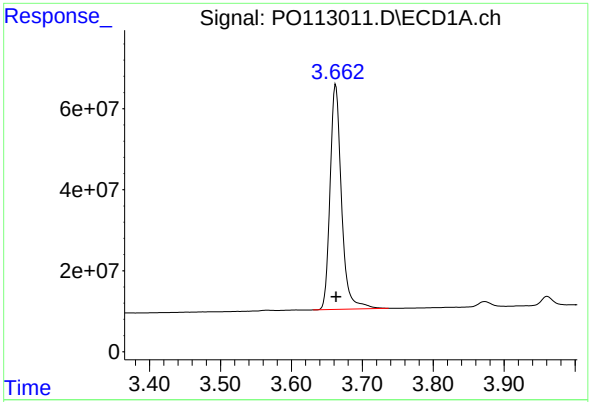
Instrument :
ECD_O
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:01:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:00:30 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



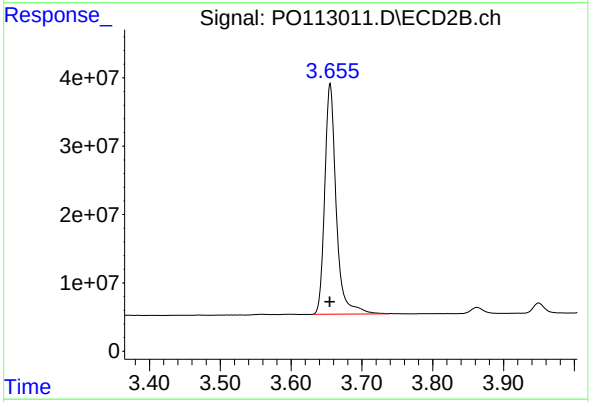




#1 Tetrachloro-m-xylene

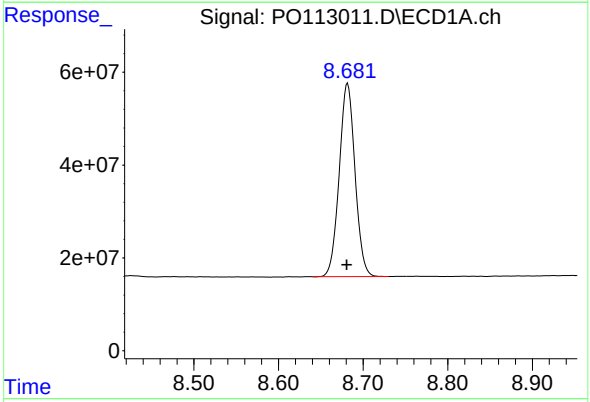
R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 620585571
Conc: 71.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



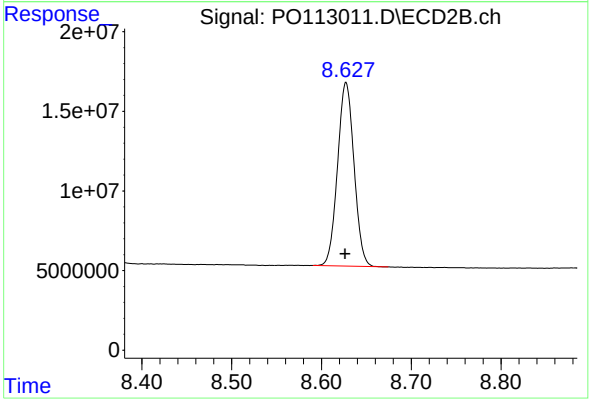
#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 380350189
Conc: 72.17 ng/ml



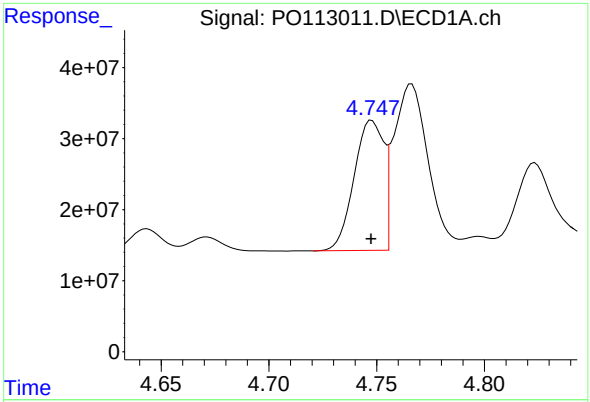
#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 539966666
Conc: 73.36 ng/ml



#2 Decachlorobiphenyl

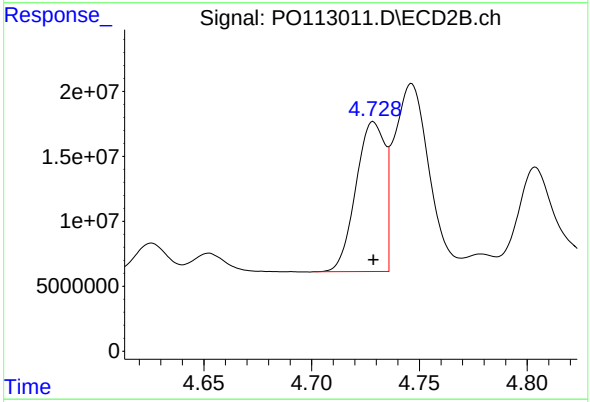
R.T.: 8.627 min
Delta R.T.: 0.001 min
Response: 146785524
Conc: 73.18 ng/ml



#16 AR-1242-1

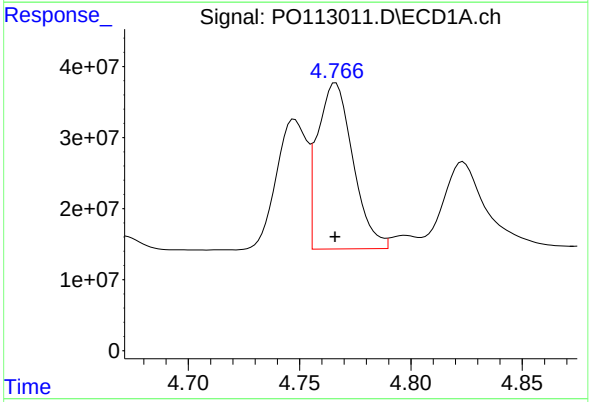
R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 175144648
Conc: 721.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



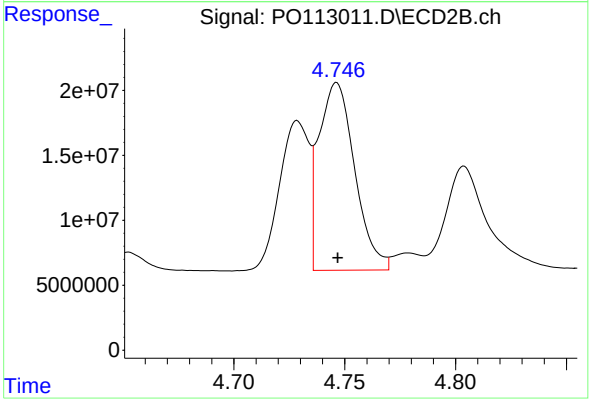
#16 AR-1242-1

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 107339178
Conc: 704.35 ng/ml



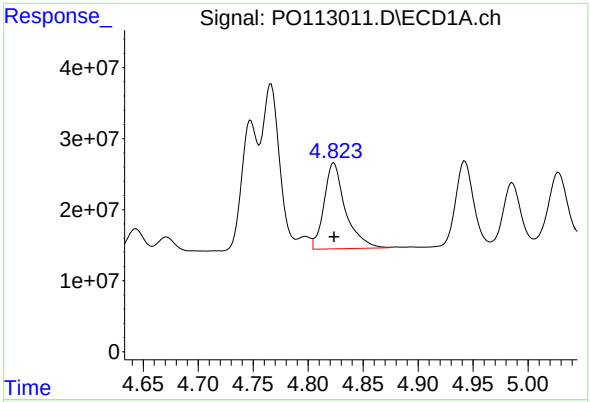
#17 AR-1242-2

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 258710119
Conc: 709.34 ng/ml



#17 AR-1242-2

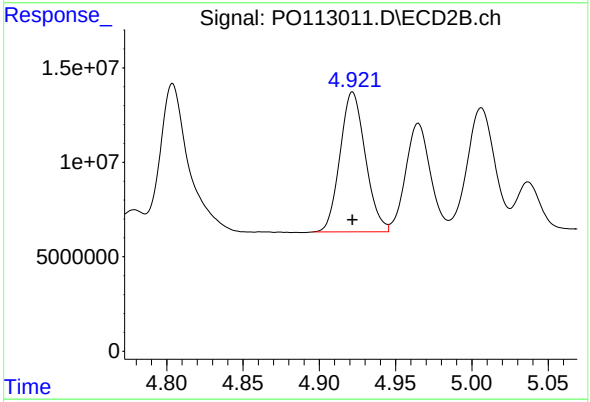
R.T.: 4.746 min
Delta R.T.: 0.000 min
Response: 162899928
Conc: 714.31 ng/ml



#18 AR-1242-3

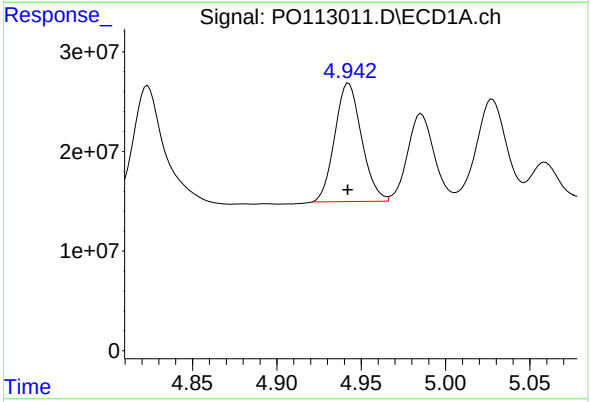
R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 163540867
Conc: 719.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



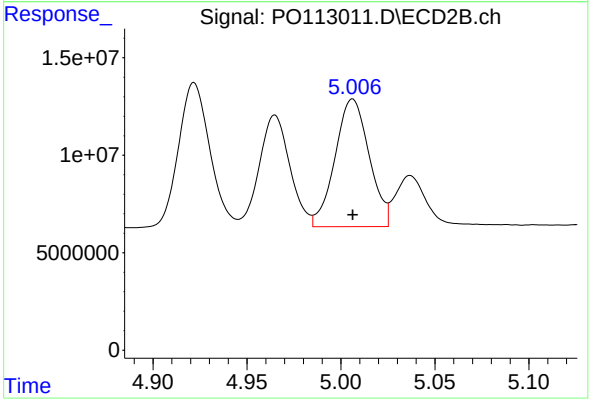
#18 AR-1242-3

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 85600439
Conc: 707.96 ng/ml



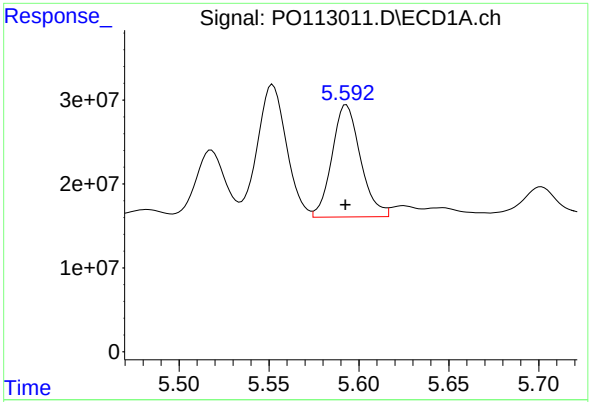
#19 AR-1242-4

R.T.: 4.943 min
Delta R.T.: 0.000 min
Response: 131533404
Conc: 717.44 ng/ml



#19 AR-1242-4

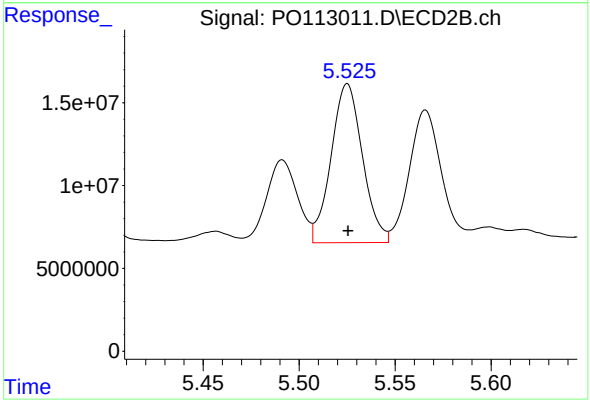
R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 82987408
Conc: 705.55 ng/ml



#20 AR-1242-5

R.T.: 5.593 min
Delta R.T.: 0.000 min
Response: 147487753
Conc: 703.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



#20 AR-1242-5

R.T.: 5.525 min
Delta R.T.: 0.000 min
Response: 109482302
Conc: 705.58 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113012.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 12:38
Operator : YP/AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:01:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:00:30 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...	3.663	3.655	432.8E6	263.5E6	50.000	50.000
2)	SA Decachlor...	8.681	8.626	368.0E6	100.3E6	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	4.747	4.729	121.4E6	76197369	500.000	500.000
17)	L4 AR-1242-2	4.766	4.747	182.4E6	114.0E6	500.000	500.000
18)	L4 AR-1242-3	4.824	4.922	113.7E6	60456076	500.000	500.000
19)	L4 AR-1242-4	4.942	5.006	91668775	58810219	500.000	500.000
20)	L4 AR-1242-5	5.592	5.526	104.8E6	77583399	500.000	500.000

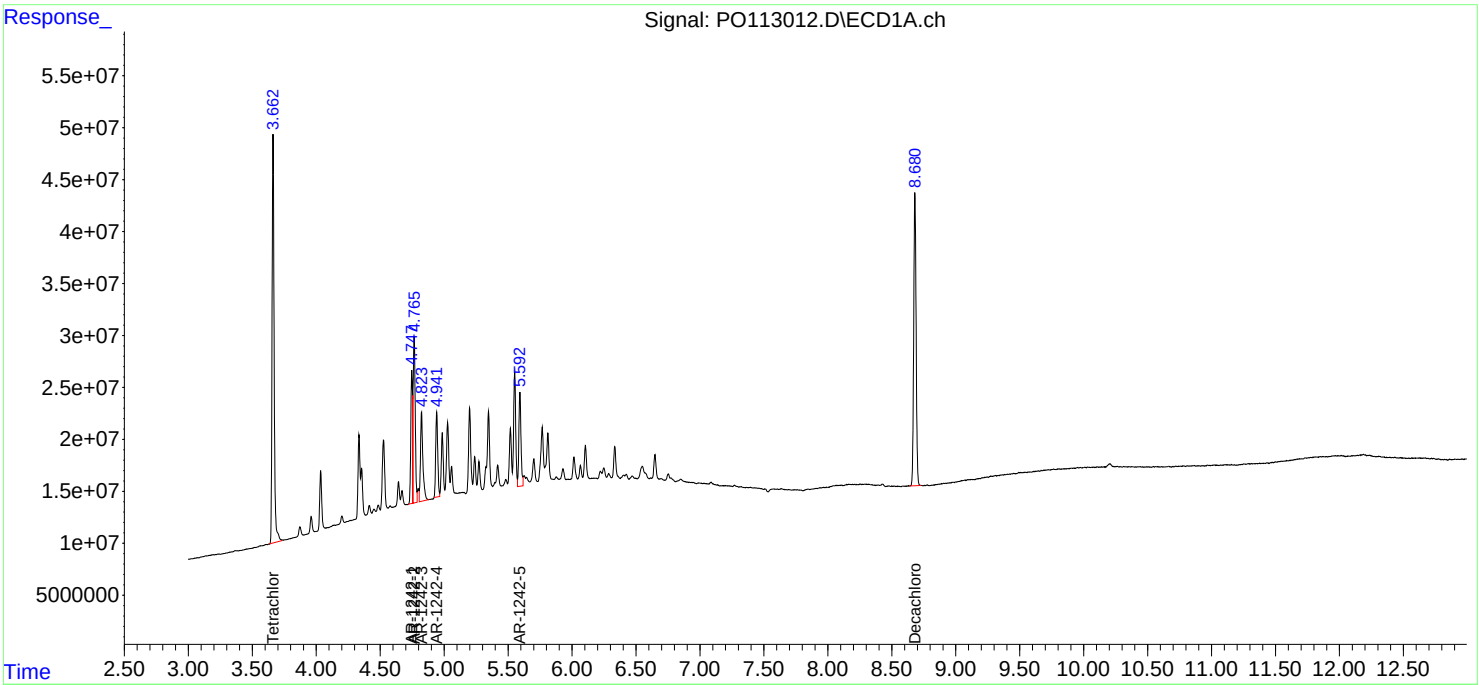
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

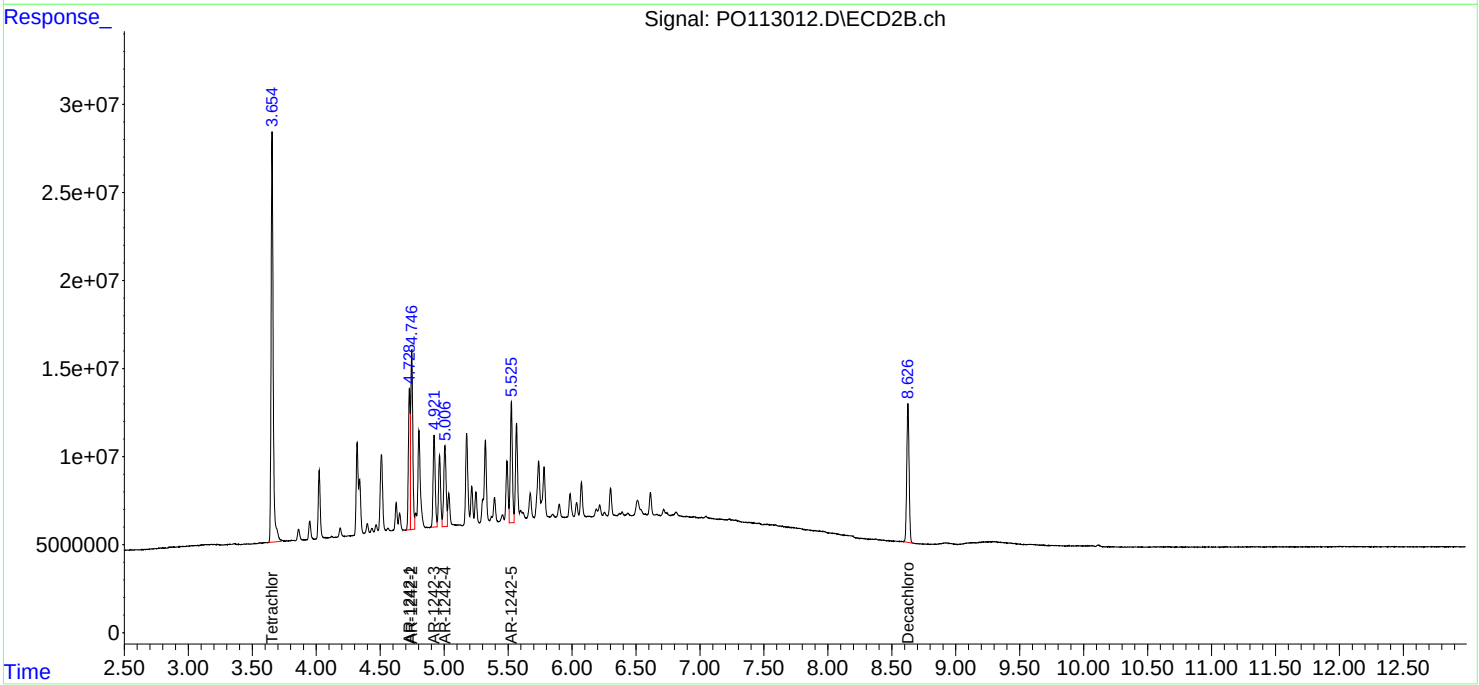
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113012.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 12:38
Operator : YP/AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

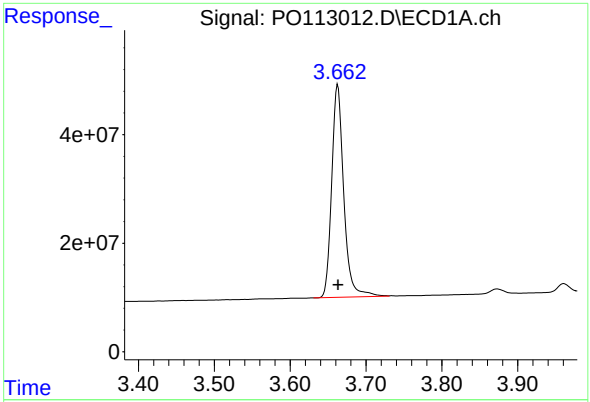
Instrument :
ECD_O
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:01:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:00:30 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



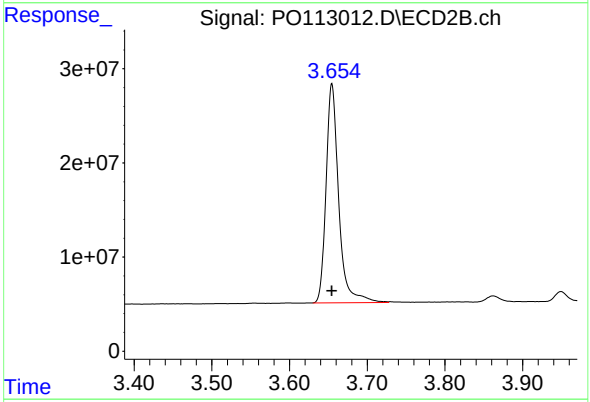




#1 Tetrachloro-m-xylene

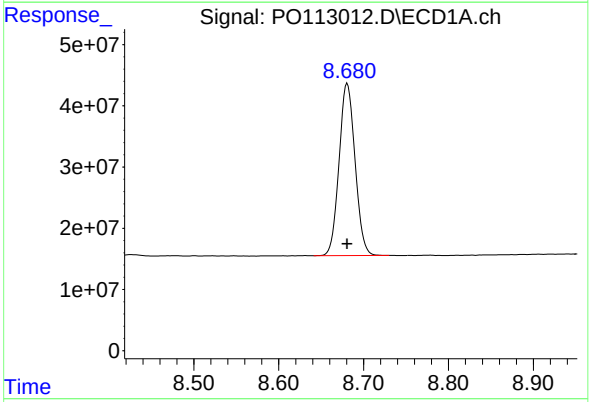
R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 432756344
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



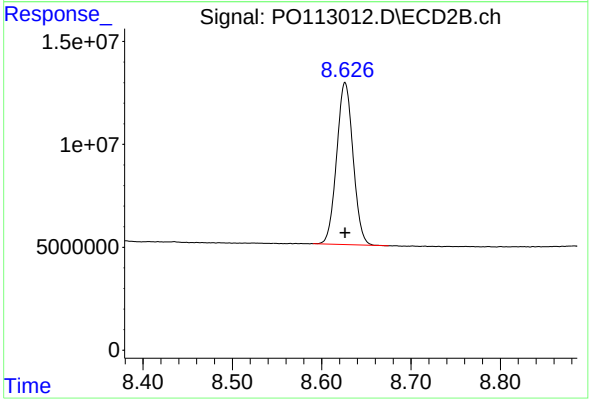
#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 263508272
Conc: 50.00 ng/ml



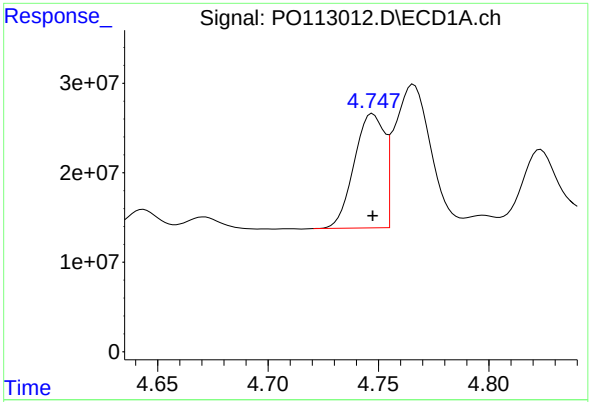
#2 Decachlorobiphenyl

R.T.: 8.681 min
Delta R.T.: 0.000 min
Response: 368014789
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

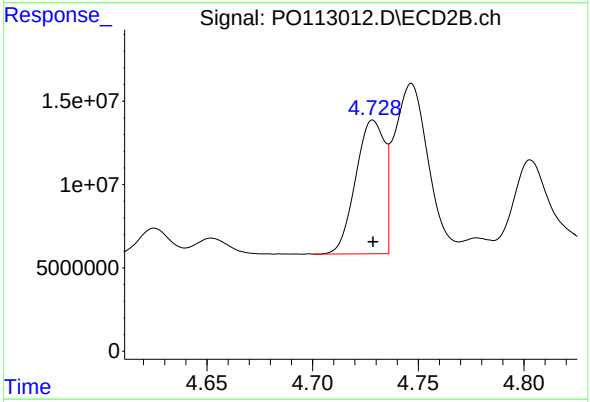
R.T.: 8.626 min
Delta R.T.: 0.000 min
Response: 100285144
Conc: 50.00 ng/ml



#16 AR-1242-1

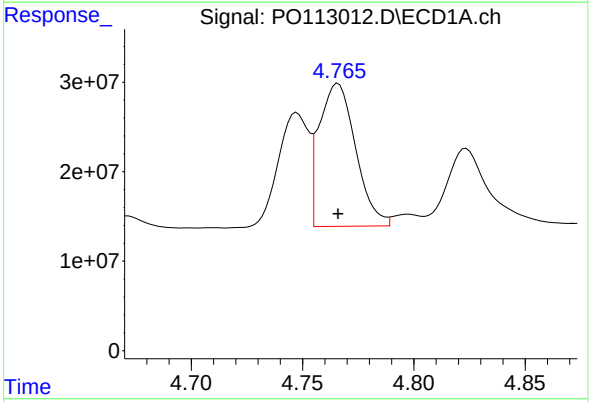
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 121394484
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



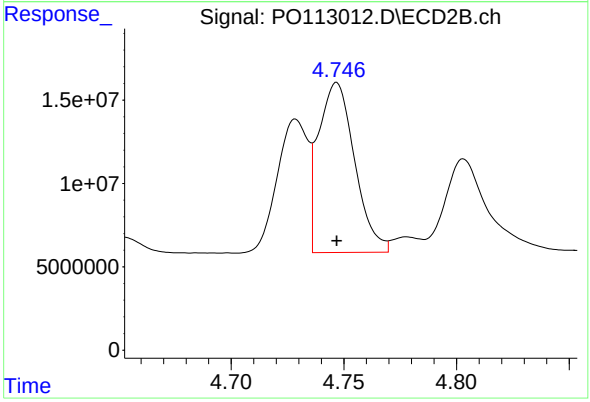
#16 AR-1242-1

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 76197369
Conc: 500.00 ng/ml



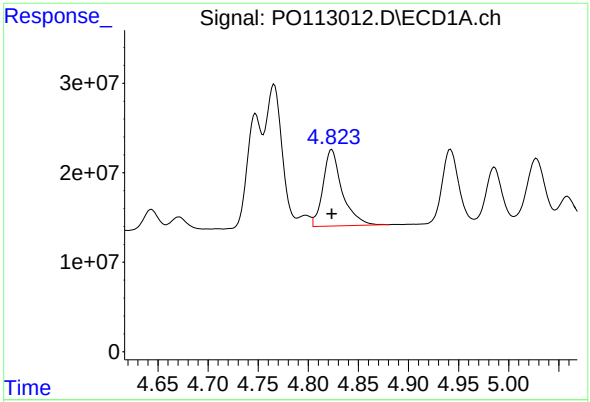
#17 AR-1242-2

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 182359094
Conc: 500.00 ng/ml



#17 AR-1242-2

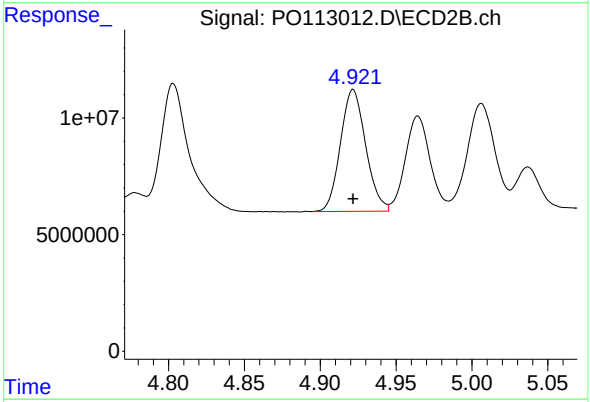
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 114025772
Conc: 500.00 ng/ml



#18 AR-1242-3

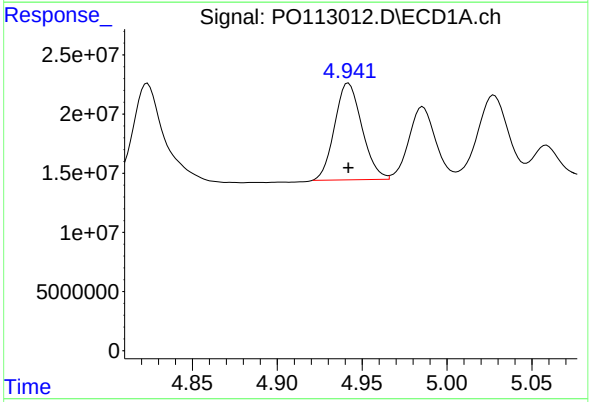
R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 113678087
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



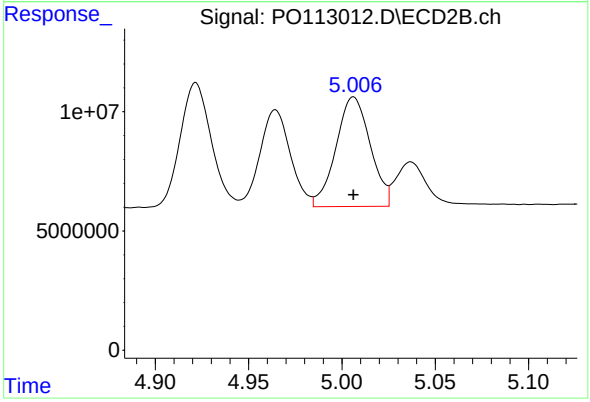
#18 AR-1242-3

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 60456076
Conc: 500.00 ng/ml



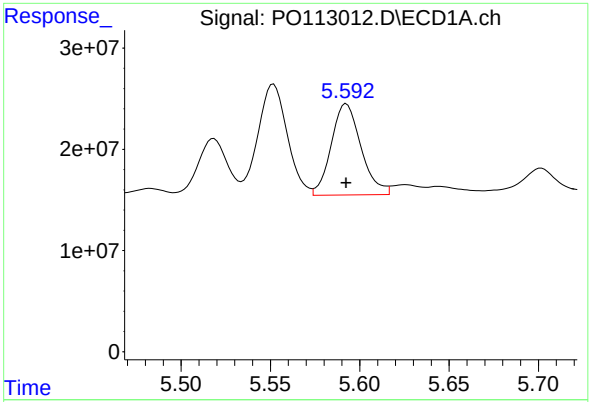
#19 AR-1242-4

R.T.: 4.942 min
Delta R.T.: 0.000 min
Response: 91668775
Conc: 500.00 ng/ml



#19 AR-1242-4

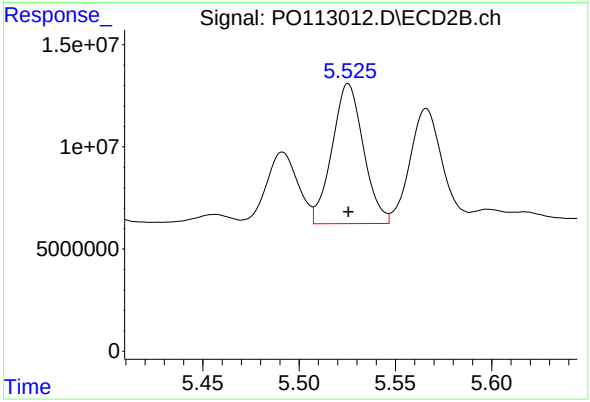
R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 58810219
Conc: 500.00 ng/ml



#20 AR-1242-5

R.T.: 5.592 min
Delta R.T.: 0.000 min
Response: 104767525
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



#20 AR-1242-5

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 77583399
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113013.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 12:57
Operator : YP/AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:02:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:00:30 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...	3.664	3.656	212.9E6	131.8E6	24.601	25.001
2)	SA Decachlor...	8.683	8.629	181.6E6	50519854	24.673	25.188
	Target Compounds						
16)	L4 AR-1242-1	4.749	4.730	60181316	39111281	247.875	256.645
17)	L4 AR-1242-2	4.768	4.748	91044620	58590662	249.630	256.919
18)	L4 AR-1242-3	4.824	4.923	56585858	30921281	248.886	255.733
19)	L4 AR-1242-4	4.944	5.007	46289370	30803322	252.482	261.887
20)	L4 AR-1242-5	5.594	5.527	53931193	40625723	257.385	261.820

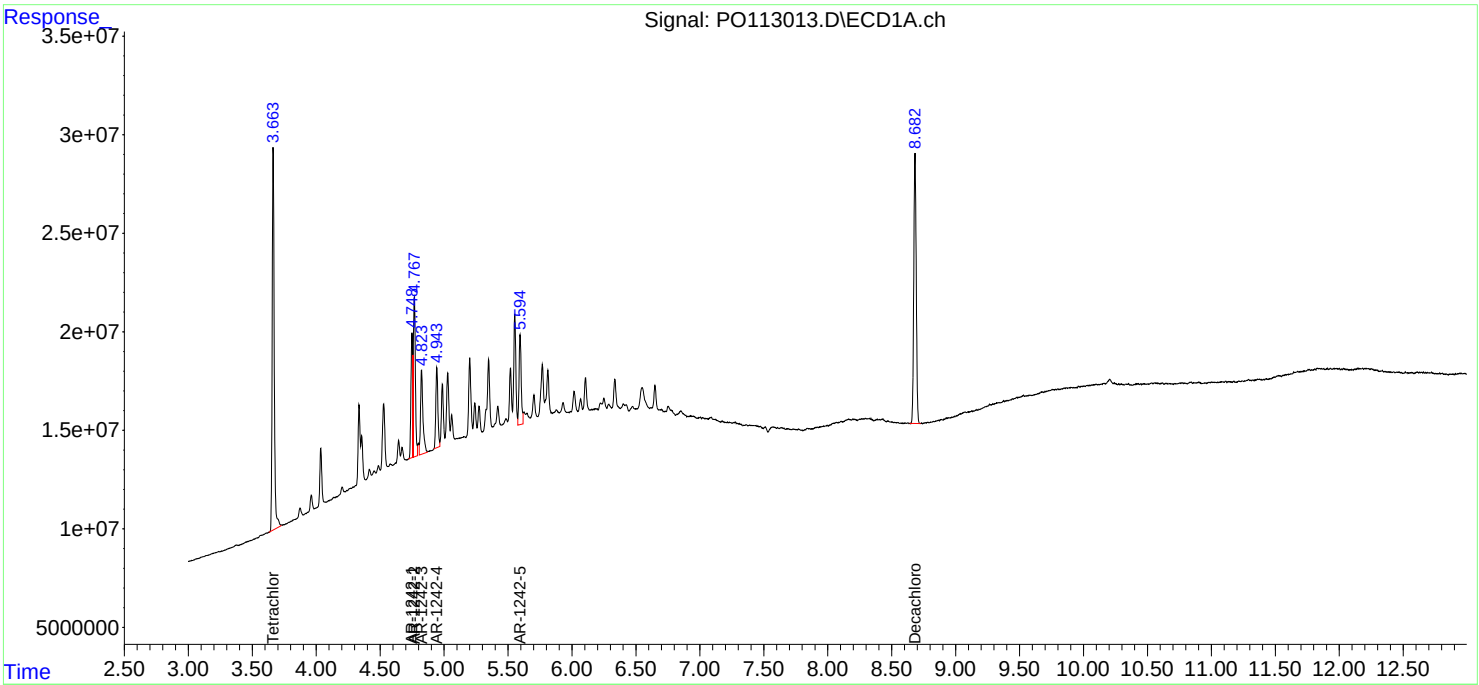
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

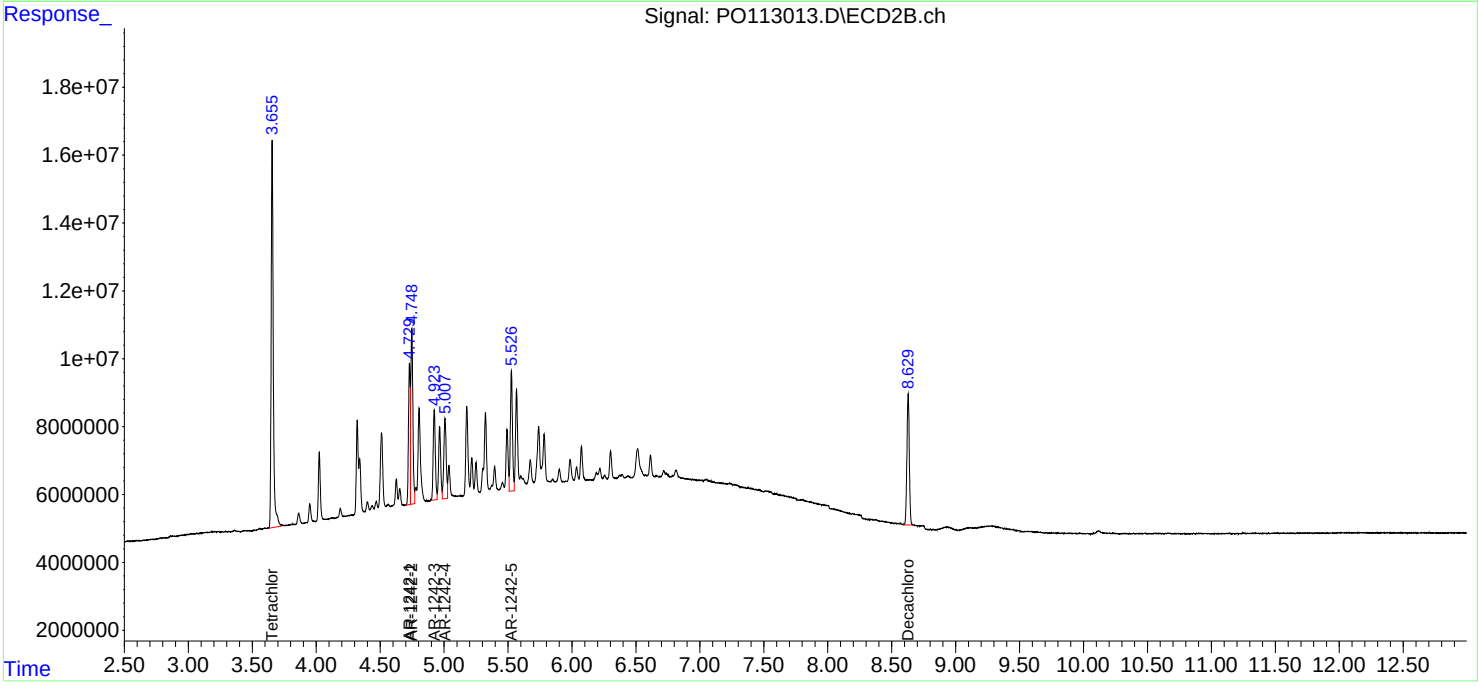
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113013.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 12:57
Operator : YP/AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

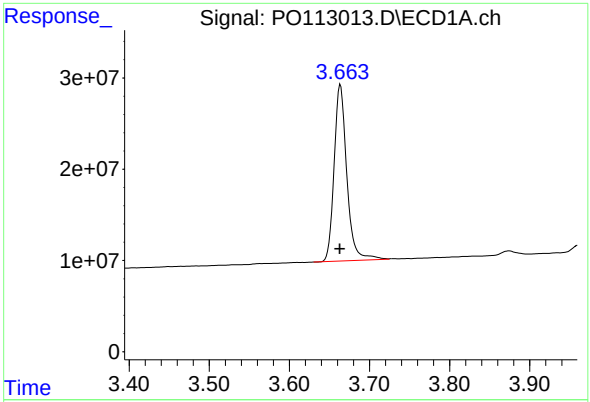
Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:02:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:00:30 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



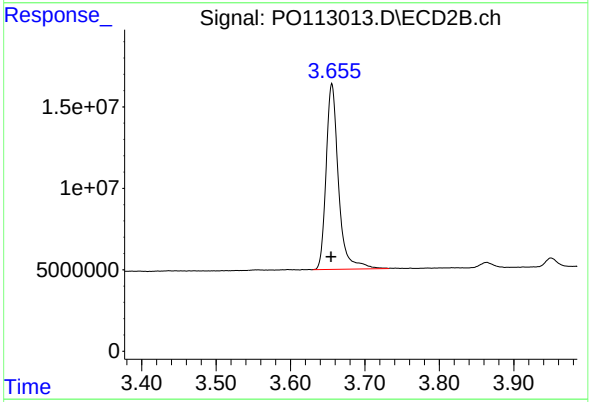




#1 Tetrachloro-m-xylene

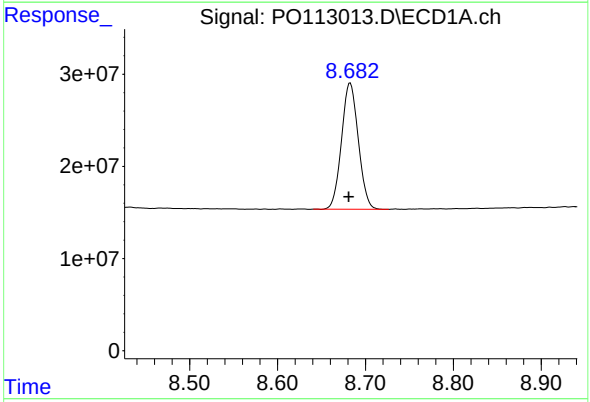
R.T.: 3.664 min
Delta R.T.: 0.000 min
Response: 212926186
Conc: 24.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



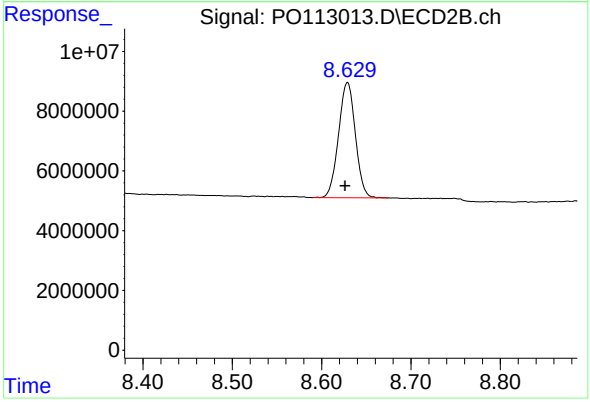
#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: 0.001 min
Response: 131761932
Conc: 25.00 ng/ml



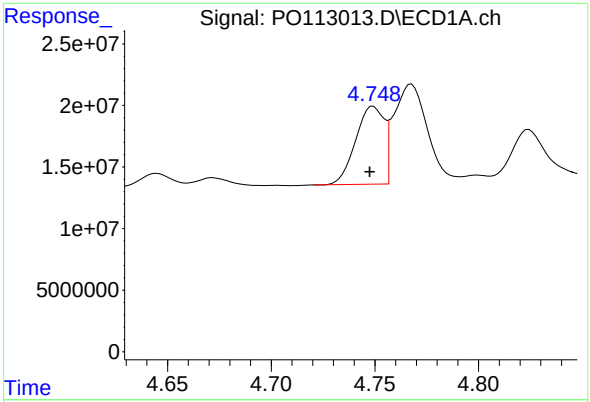
#2 Decachlorobiphenyl

R.T.: 8.683 min
Delta R.T.: 0.002 min
Response: 181602587
Conc: 24.67 ng/ml



#2 Decachlorobiphenyl

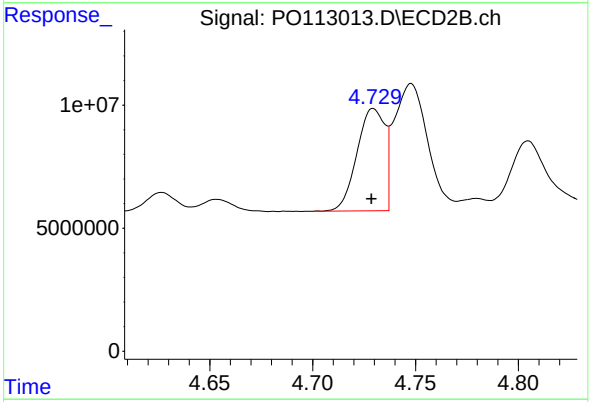
R.T.: 8.629 min
Delta R.T.: 0.003 min
Response: 50519854
Conc: 25.19 ng/ml



#16 AR-1242-1

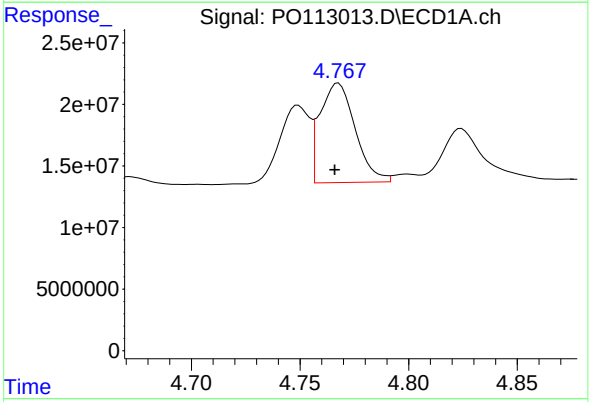
R.T.: 4.749 min
Delta R.T.: 0.002 min
Response: 60181316
Conc: 247.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



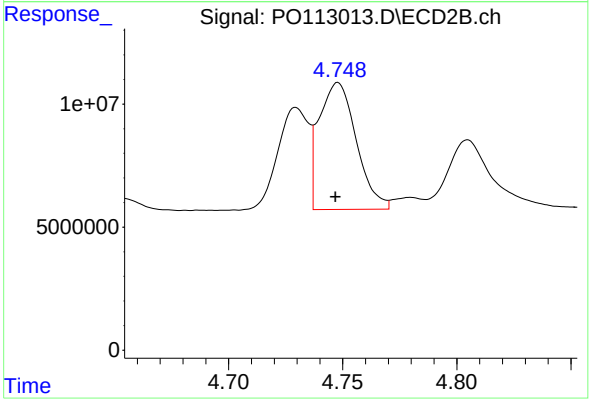
#16 AR-1242-1

R.T.: 4.730 min
Delta R.T.: 0.000 min
Response: 39111281
Conc: 256.64 ng/ml



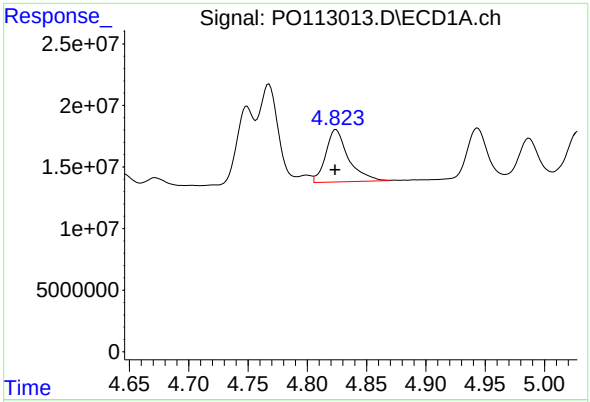
#17 AR-1242-2

R.T.: 4.768 min
Delta R.T.: 0.002 min
Response: 91044620
Conc: 249.63 ng/ml



#17 AR-1242-2

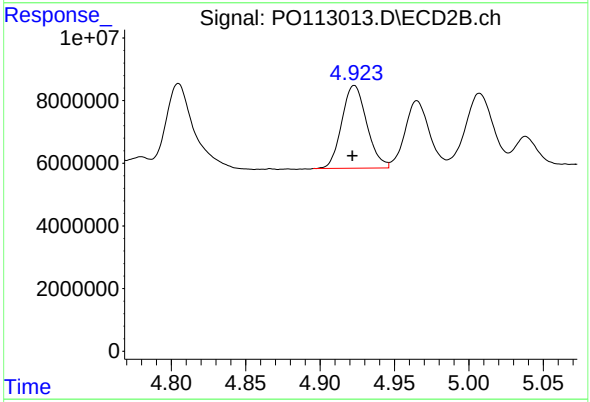
R.T.: 4.748 min
Delta R.T.: 0.001 min
Response: 58590662
Conc: 256.92 ng/ml



#18 AR-1242-3

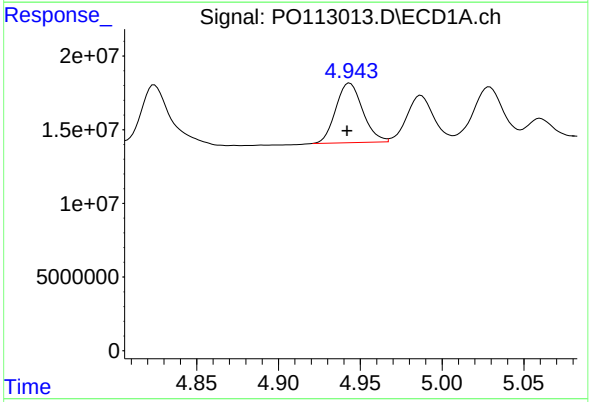
R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 56585858
Conc: 248.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



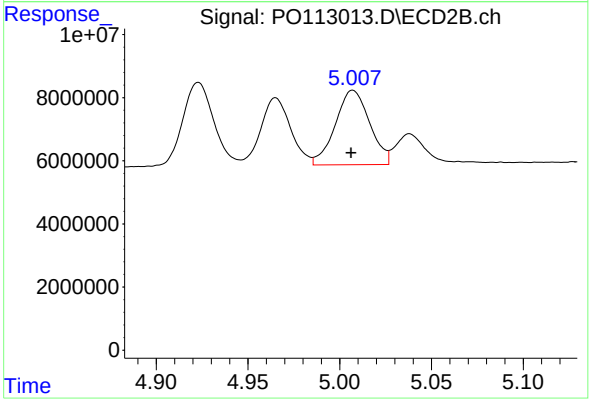
#18 AR-1242-3

R.T.: 4.923 min
Delta R.T.: 0.001 min
Response: 30921281
Conc: 255.73 ng/ml



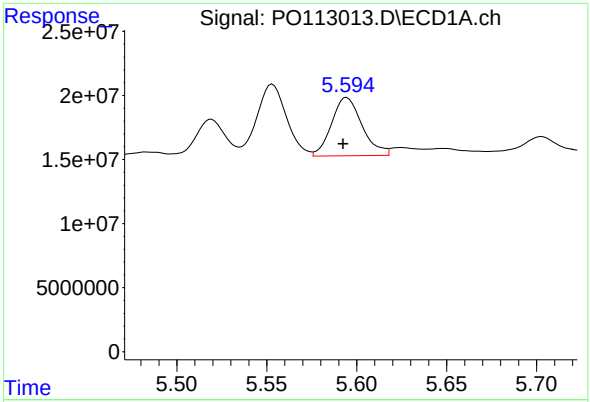
#19 AR-1242-4

R.T.: 4.944 min
Delta R.T.: 0.002 min
Response: 46289370
Conc: 252.48 ng/ml



#19 AR-1242-4

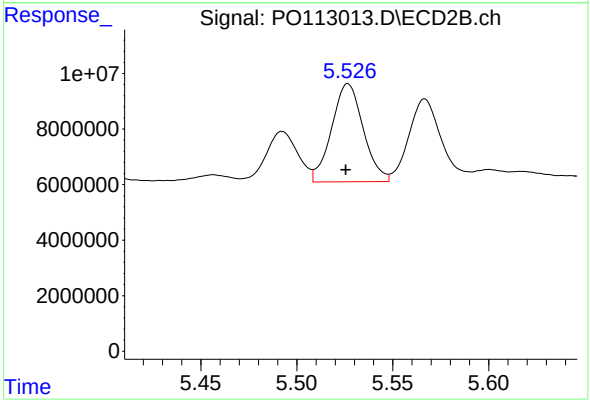
R.T.: 5.007 min
Delta R.T.: 0.000 min
Response: 30803322
Conc: 261.89 ng/ml



#20 AR-1242-5

R.T.: 5.594 min
Delta R.T.: 0.002 min
Response: 53931193
Conc: 257.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



#20 AR-1242-5

R.T.: 5.527 min
Delta R.T.: 0.001 min
Response: 40625723
Conc: 261.82 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113014.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 13:15
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:02:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:00:30 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...	3.663	3.655	34925483	22528993	4.035	4.275
2)	SA Decachlor...	8.681	8.627	30372133	8862645	4.126	4.419
	Target Compounds						
16)	L4 AR-1242-1	4.747	4.728	10680758	6834075	43.992m	44.845m
17)	L4 AR-1242-2	4.766	4.747	15815267	10049295	43.363m	44.066
18)	L4 AR-1242-3	4.824	4.922	11619589	6020015	51.107	49.788
19)	L4 AR-1242-4	4.943	5.007	7908544	6750995	43.137	57.396 #
20)	L4 AR-1242-5	5.592	5.526	9912247	7296334	47.306m	47.023m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113014.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 13:15
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

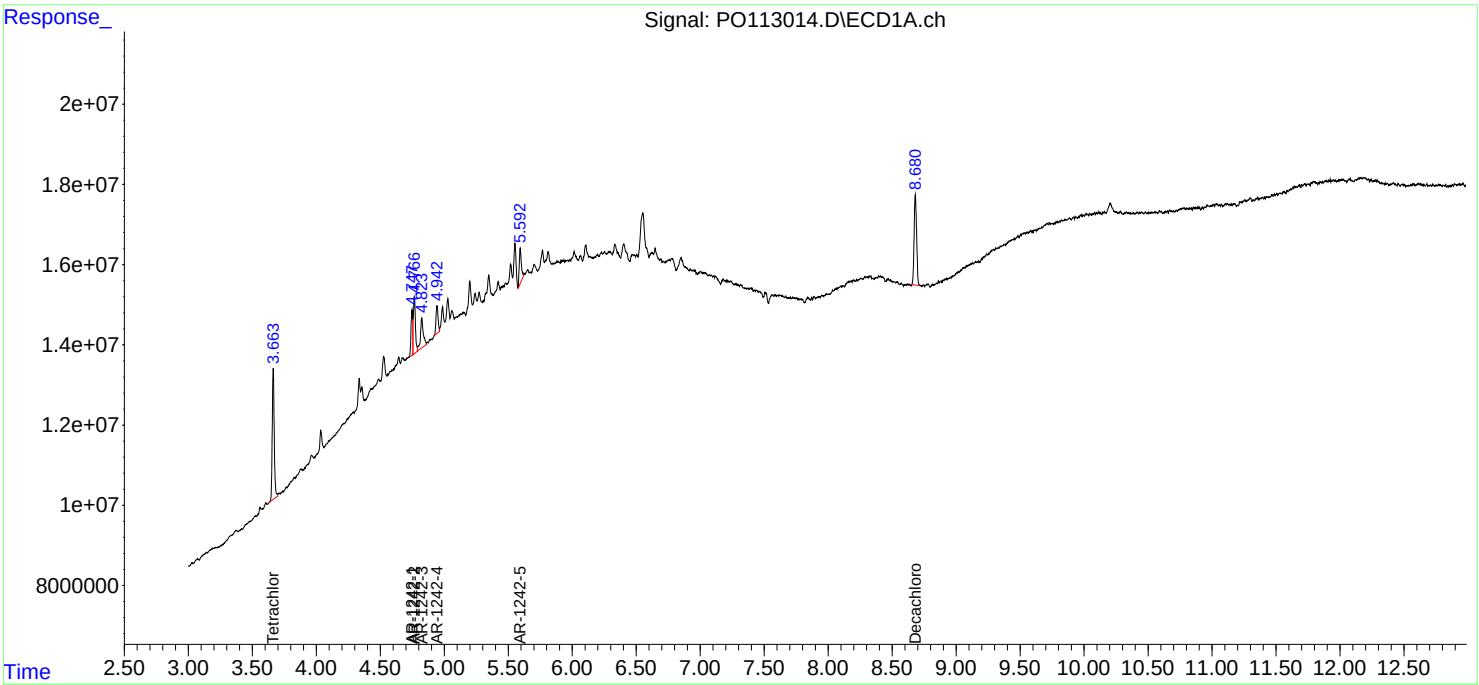
Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

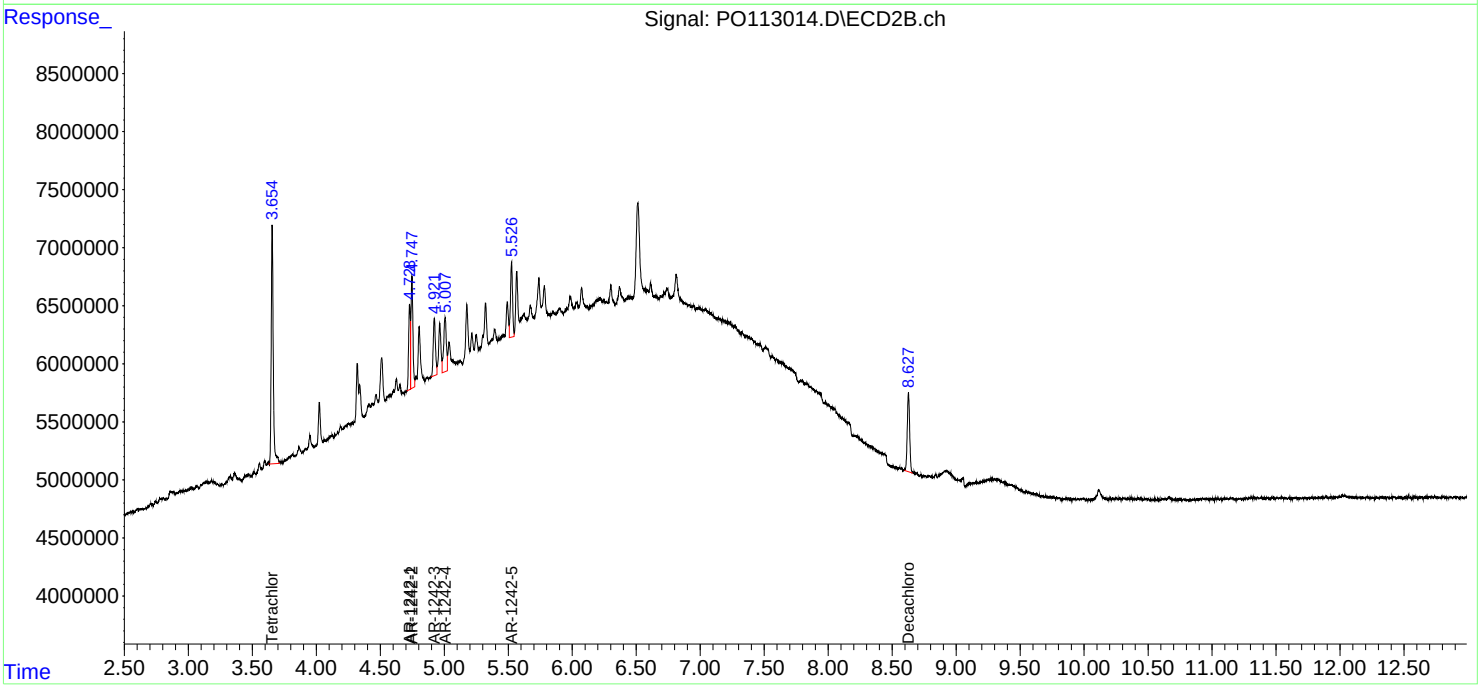
Manual Integrations APPROVED

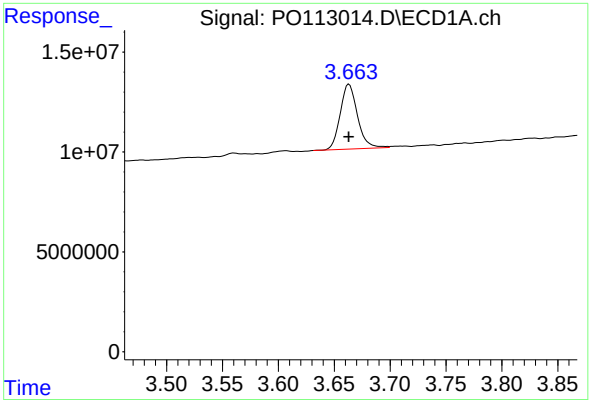
Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:02:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:00:30 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







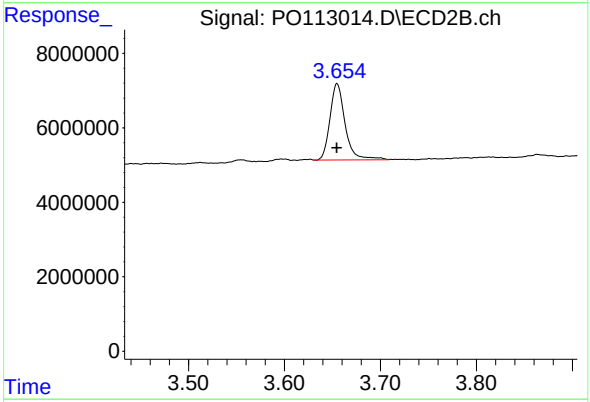
#1 Tetrachloro-m-xylene

R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 34925483
Conc: 4.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

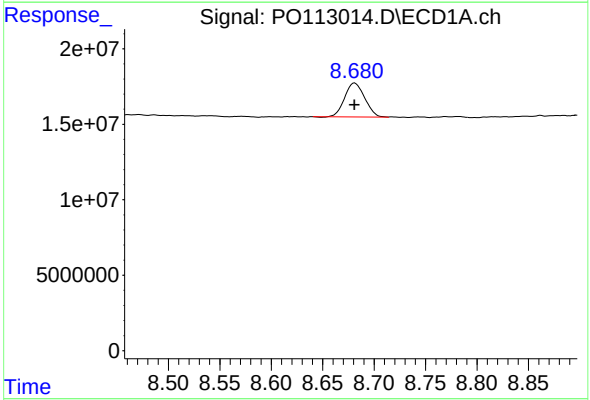
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



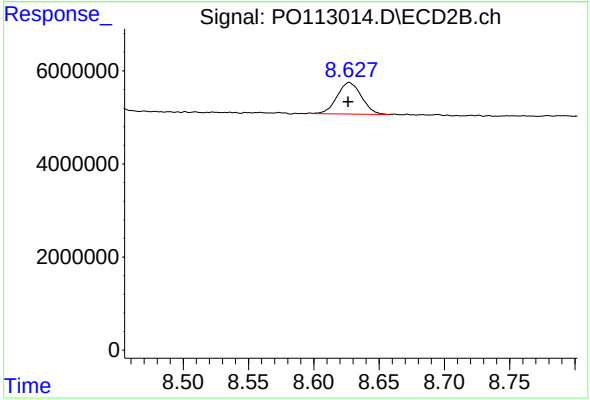
#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 22528993
Conc: 4.27 ng/ml



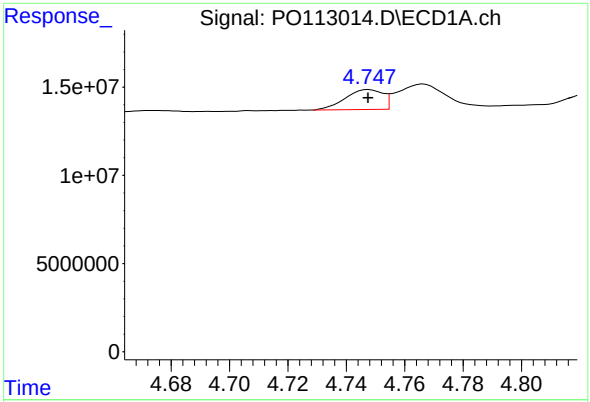
#2 Decachlorobiphenyl

R.T.: 8.681 min
Delta R.T.: 0.000 min
Response: 30372133
Conc: 4.13 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.627 min
Delta R.T.: 0.000 min
Response: 8862645
Conc: 4.42 ng/ml



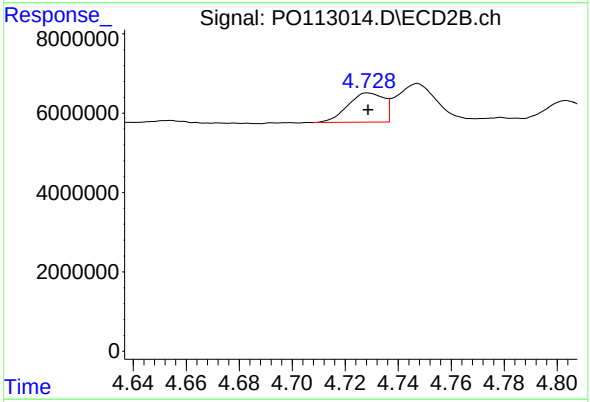
#16 AR-1242-1

R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 10680758
Conc: 43.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

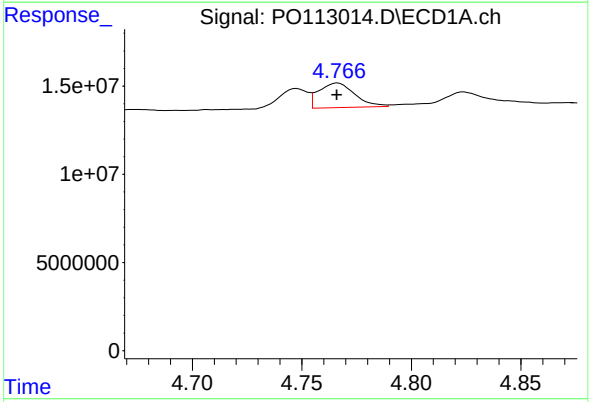
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



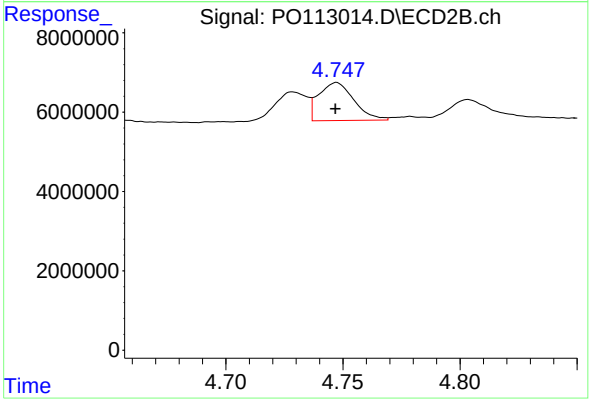
#16 AR-1242-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 6834075
Conc: 44.84 ng/ml m



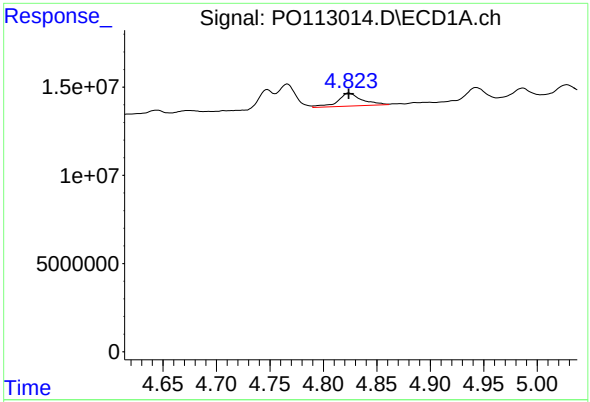
#17 AR-1242-2

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 15815267
Conc: 43.36 ng/ml m



#17 AR-1242-2

R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 10049295
Conc: 44.07 ng/ml



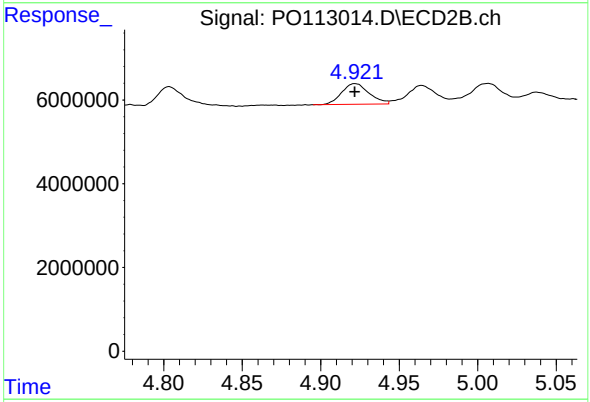
#18 AR-1242-3

R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 11619589
Conc: 51.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

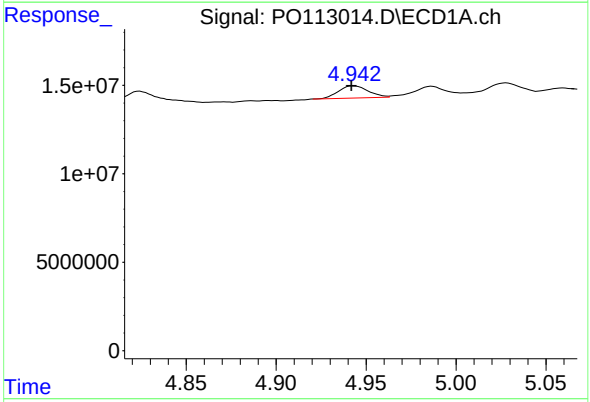
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



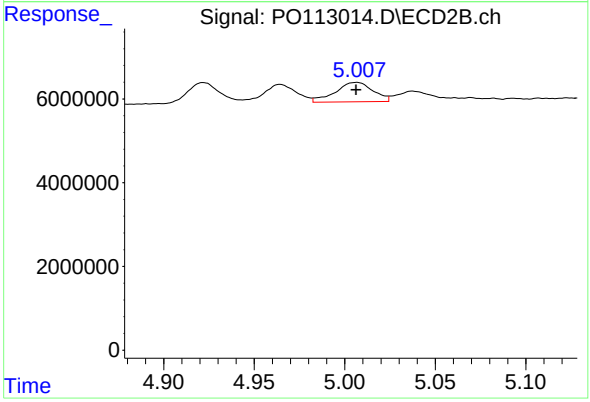
#18 AR-1242-3

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 6020015
Conc: 49.79 ng/ml



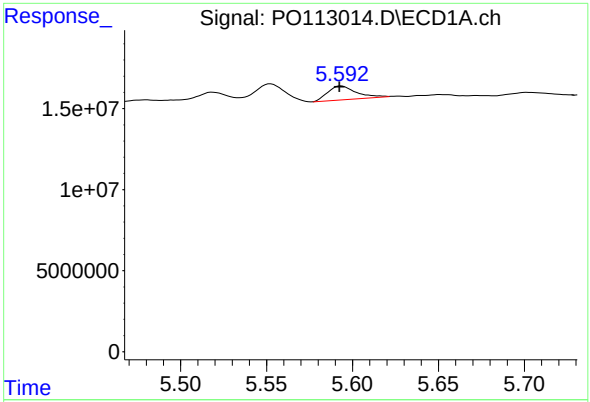
#19 AR-1242-4

R.T.: 4.943 min
Delta R.T.: 0.001 min
Response: 7908544
Conc: 43.14 ng/ml



#19 AR-1242-4

R.T.: 5.007 min
Delta R.T.: 0.000 min
Response: 6750995
Conc: 57.40 ng/ml



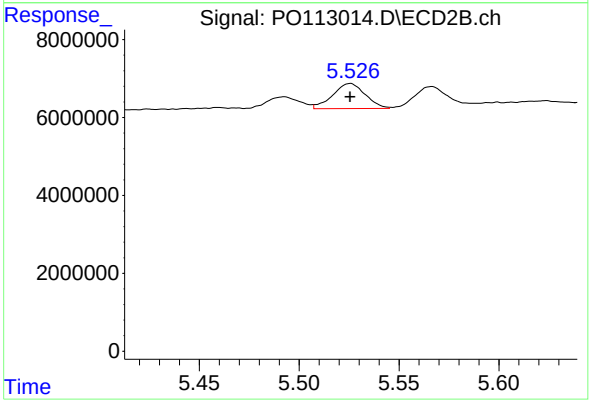
#20 AR-1242-5

R.T.: 5.592 min
Delta R.T.: 0.000 min
Response: 9912247
Conc: 47.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



#20 AR-1242-5

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 7296334
Conc: 47.02 ng/ml m

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113015.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 13:34
Operator : YP/AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:13:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:12:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.663	3.655	838.2E6	504.7E6	97.589	96.994
2)	SA Decachlor...	8.683	8.627	718.2E6	189.6E6	94.869	94.382
	Target Compounds						
21)	L5 AR-1248-1	4.748	4.729	177.6E6	108.5E6	964.791	927.767
22)	L5 AR-1248-2	4.986	4.965	240.1E6	150.8E6	971.626	922.798
23)	L5 AR-1248-3	5.200	5.006	306.1E6	159.4E6	928.687	921.357
24)	L5 AR-1248-4	5.552	5.177	475.5E6	188.3E6	935.504	918.888
25)	L5 AR-1248-5	5.593	5.567	324.2E6	194.0E6	930.863	916.030

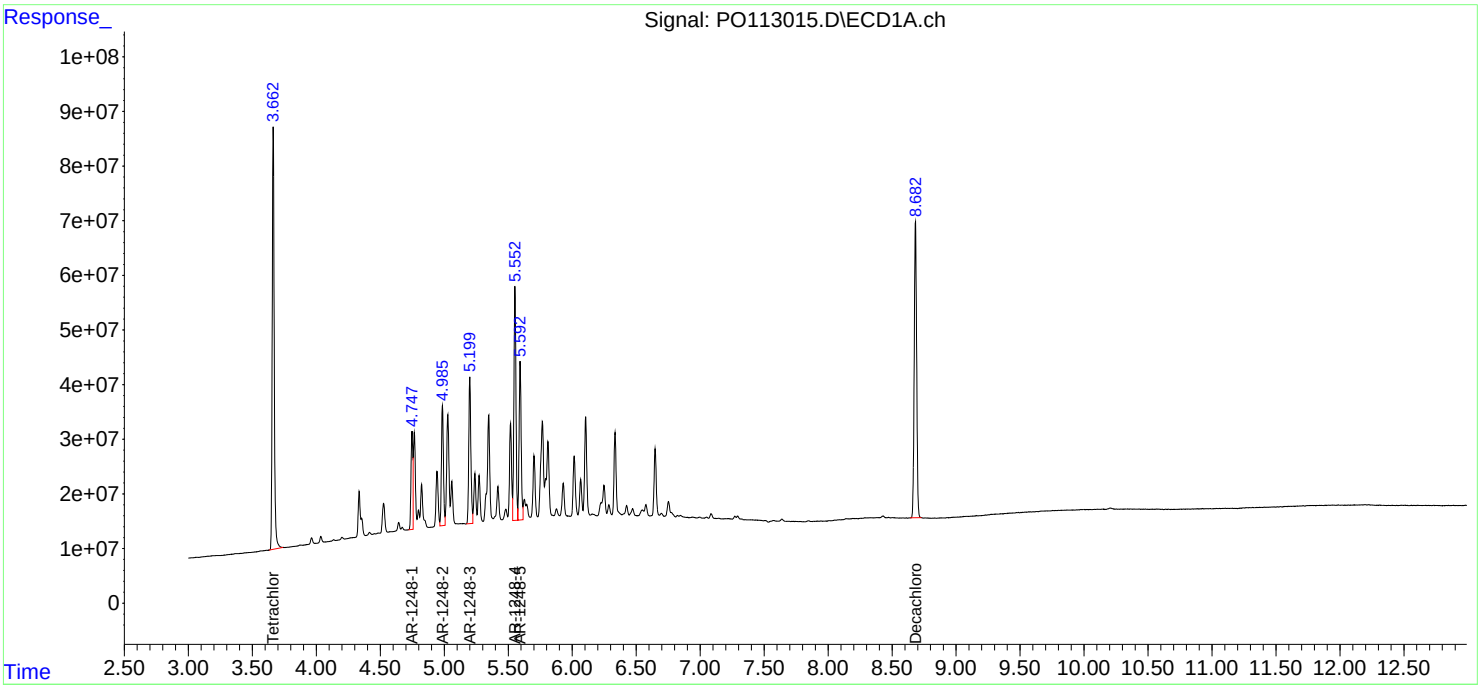
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

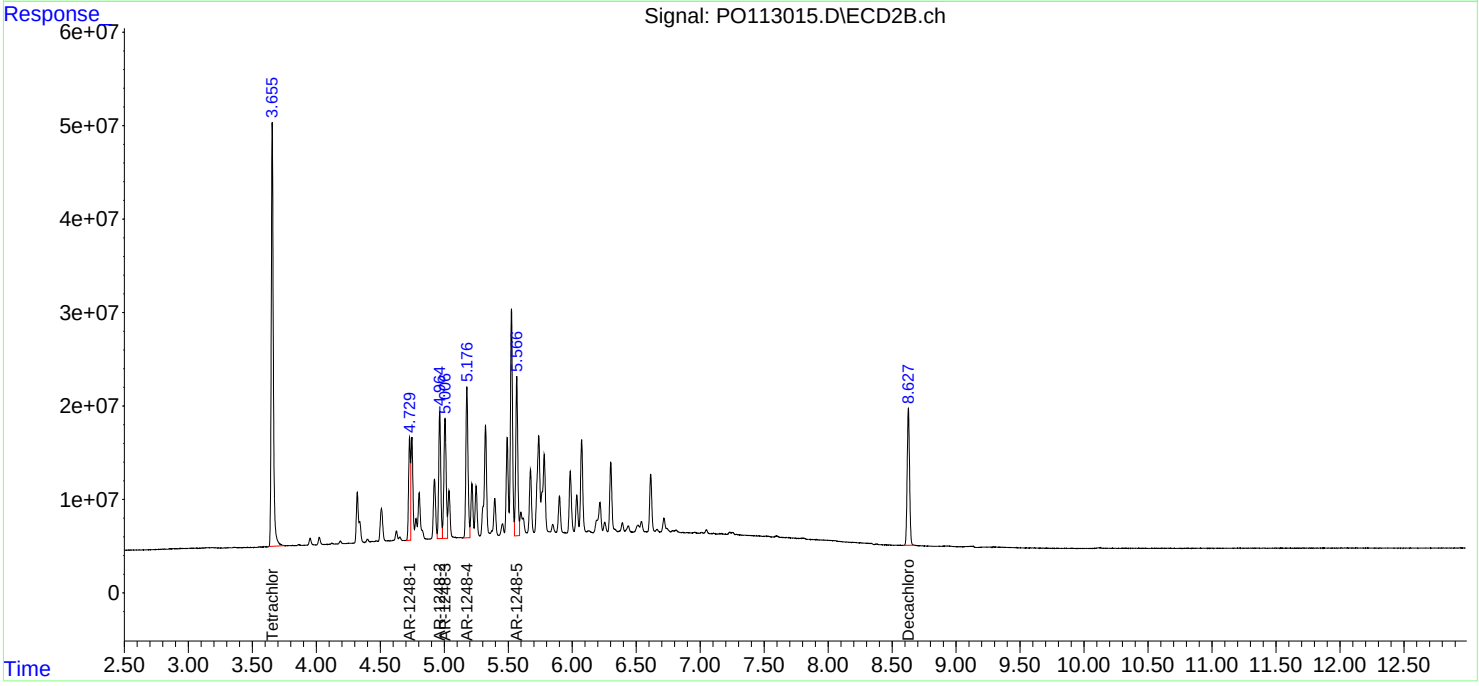
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113015.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 13:34
Operator : YP/AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

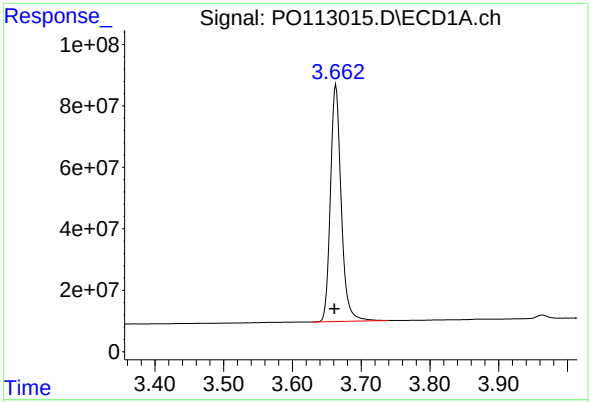
Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:13:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:12:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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



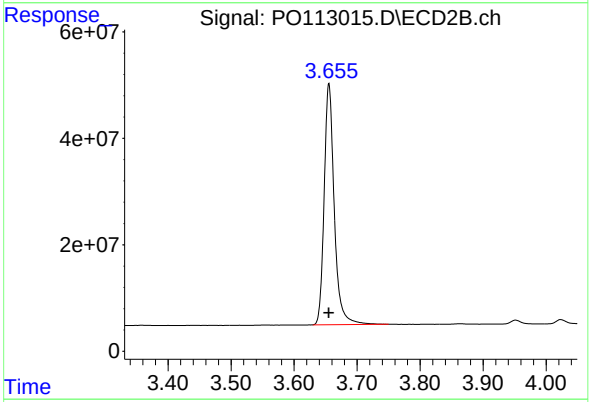




#1 Tetrachloro-m-xylene

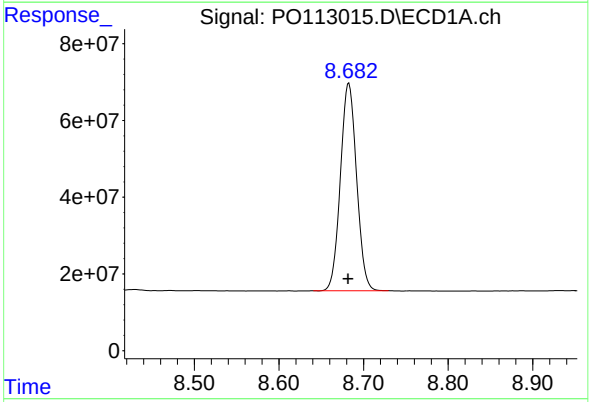
R.T.: 3.663 min
Delta R.T.: 0.002 min
Response: 838182615
Conc: 97.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



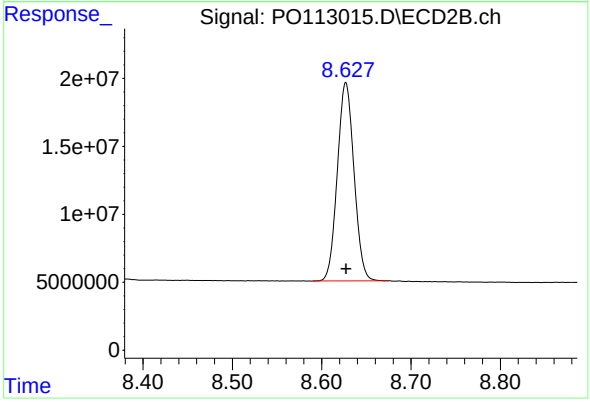
#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 504699430
Conc: 96.99 ng/ml



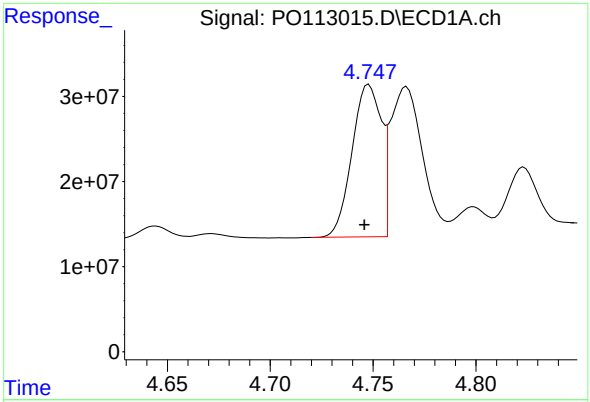
#2 Decachlorobiphenyl

R.T.: 8.683 min
Delta R.T.: 0.001 min
Response: 718165907
Conc: 94.87 ng/ml



#2 Decachlorobiphenyl

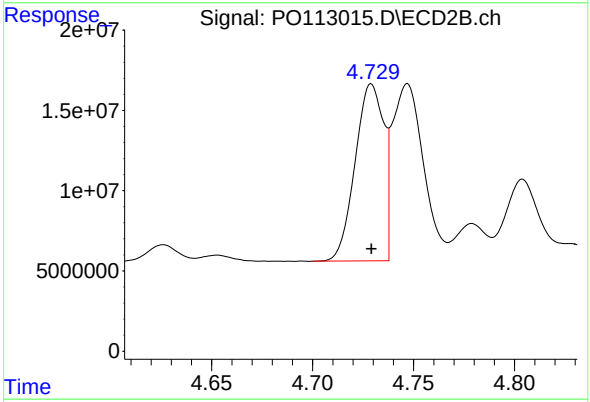
R.T.: 8.627 min
Delta R.T.: 0.000 min
Response: 189588294
Conc: 94.38 ng/ml



#21 AR-1248-1

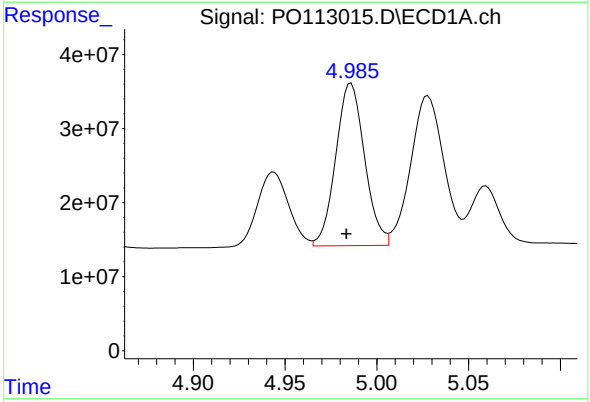
R.T.: 4.748 min
Delta R.T.: 0.002 min
Response: 177555092
Conc: 964.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



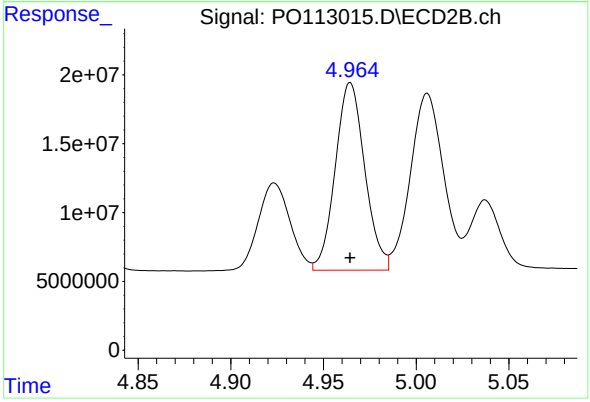
#21 AR-1248-1

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 108471143
Conc: 927.77 ng/ml



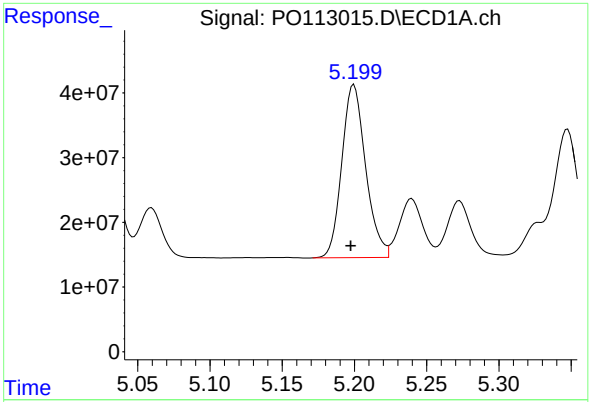
#22 AR-1248-2

R.T.: 4.986 min
Delta R.T.: 0.003 min
Response: 240102006
Conc: 971.63 ng/ml



#22 AR-1248-2

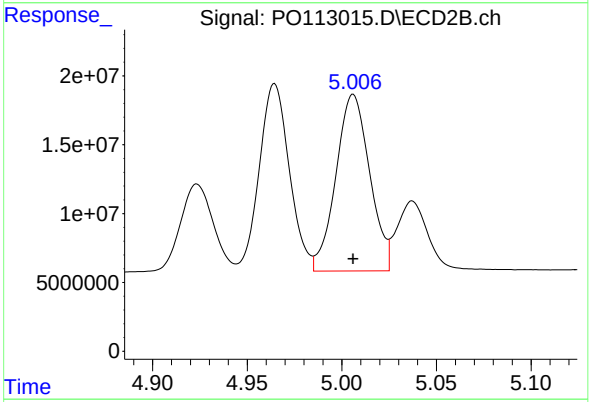
R.T.: 4.965 min
Delta R.T.: 0.000 min
Response: 150794660
Conc: 922.80 ng/ml



#23 AR-1248-3

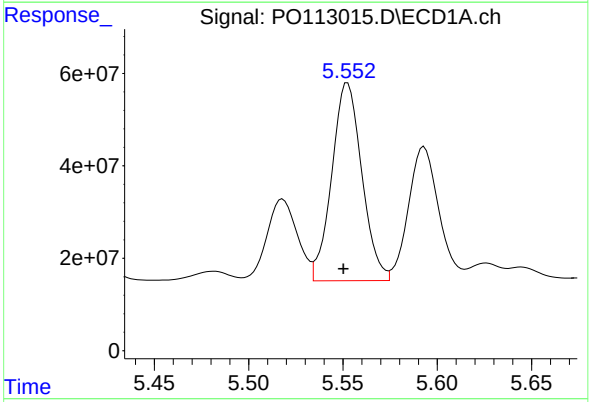
R.T.: 5.200 min
Delta R.T.: 0.002 min
Response: 306109229
Conc: 928.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



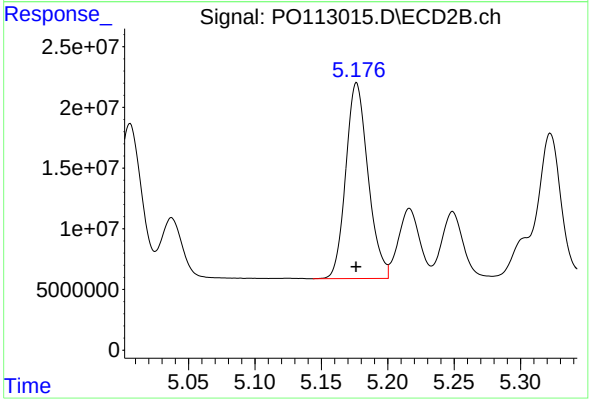
#23 AR-1248-3

R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 159433549
Conc: 921.36 ng/ml



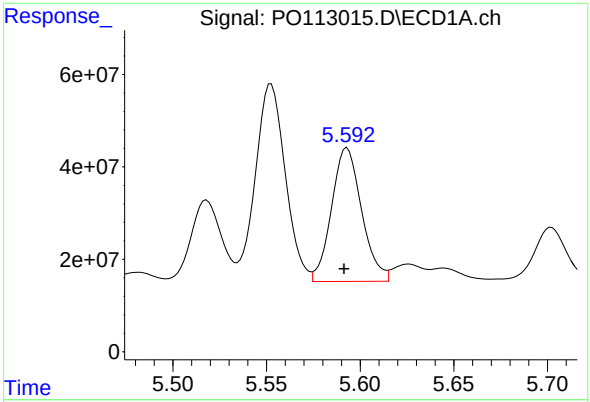
#24 AR-1248-4

R.T.: 5.552 min
Delta R.T.: 0.002 min
Response: 475546851
Conc: 935.50 ng/ml



#24 AR-1248-4

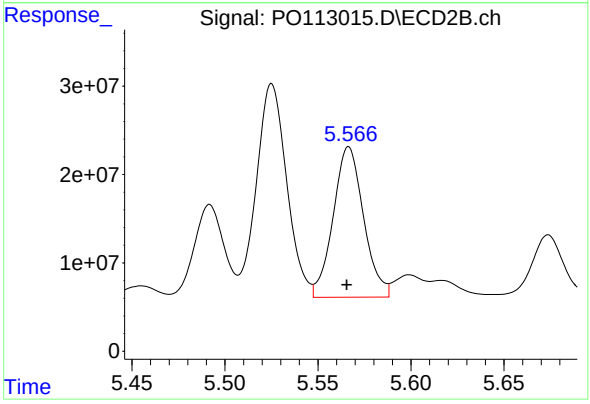
R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 188271317
Conc: 918.89 ng/ml



#25 AR-1248-5

R.T.: 5.593 min
Delta R.T.: 0.002 min
Response: 324226410
Conc: 930.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



#25 AR-1248-5

R.T.: 5.567 min
Delta R.T.: 0.000 min
Response: 194018440
Conc: 916.03 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113016.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 13:52
Operator : YP/AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:13:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:12:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.663	3.655	641.1E6	386.6E6	74.640	74.305
2)	SA Decachlor...	8.682	8.628	563.6E6	148.6E6	74.452	73.955
	Target Compounds						
21)	L5 AR-1248-1	4.748	4.728	136.0E6	84958849	738.729	726.663
22)	L5 AR-1248-2	4.986	4.964	184.8E6	118.3E6	747.715	723.853
23)	L5 AR-1248-3	5.200	5.006	236.8E6	124.8E6	718.364	721.172
24)	L5 AR-1248-4	5.552	5.176	368.4E6	146.9E6	724.738	716.783
25)	L5 AR-1248-5	5.593	5.566	254.1E6	153.0E6	729.605	722.136

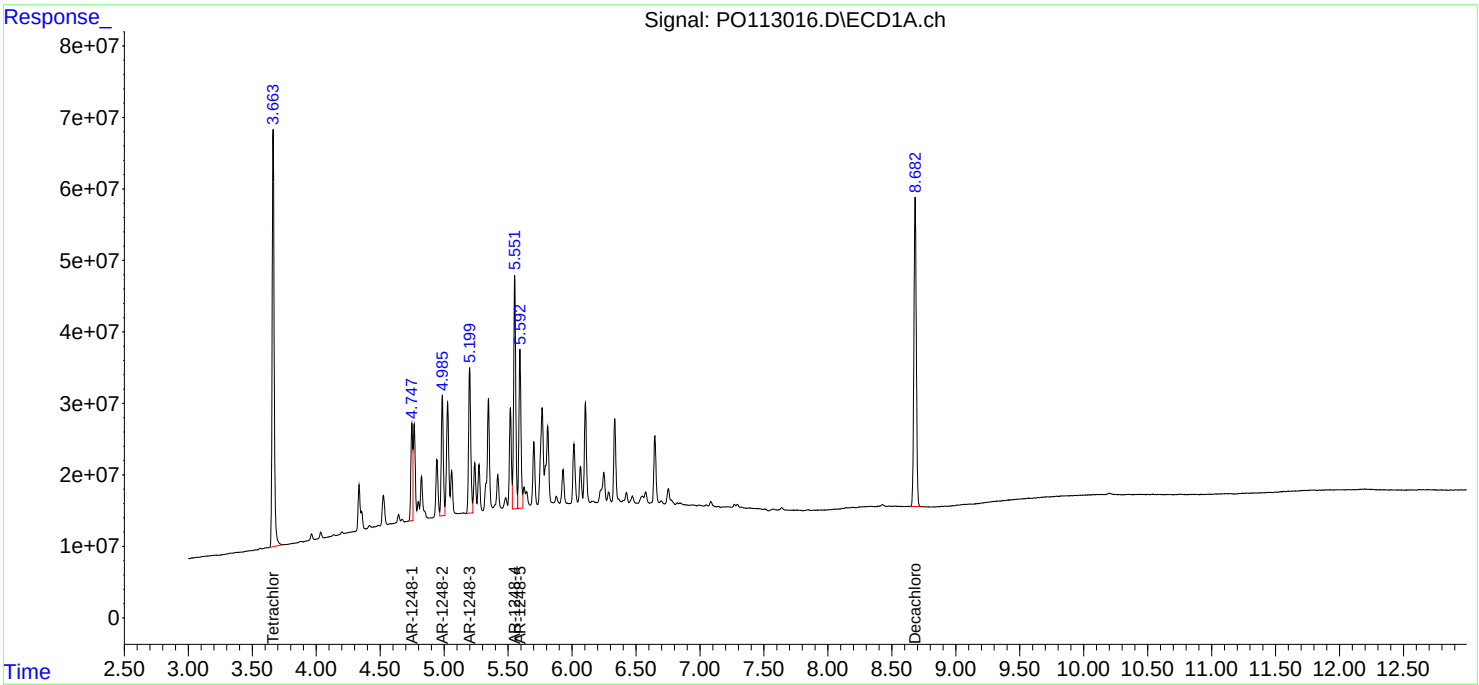
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

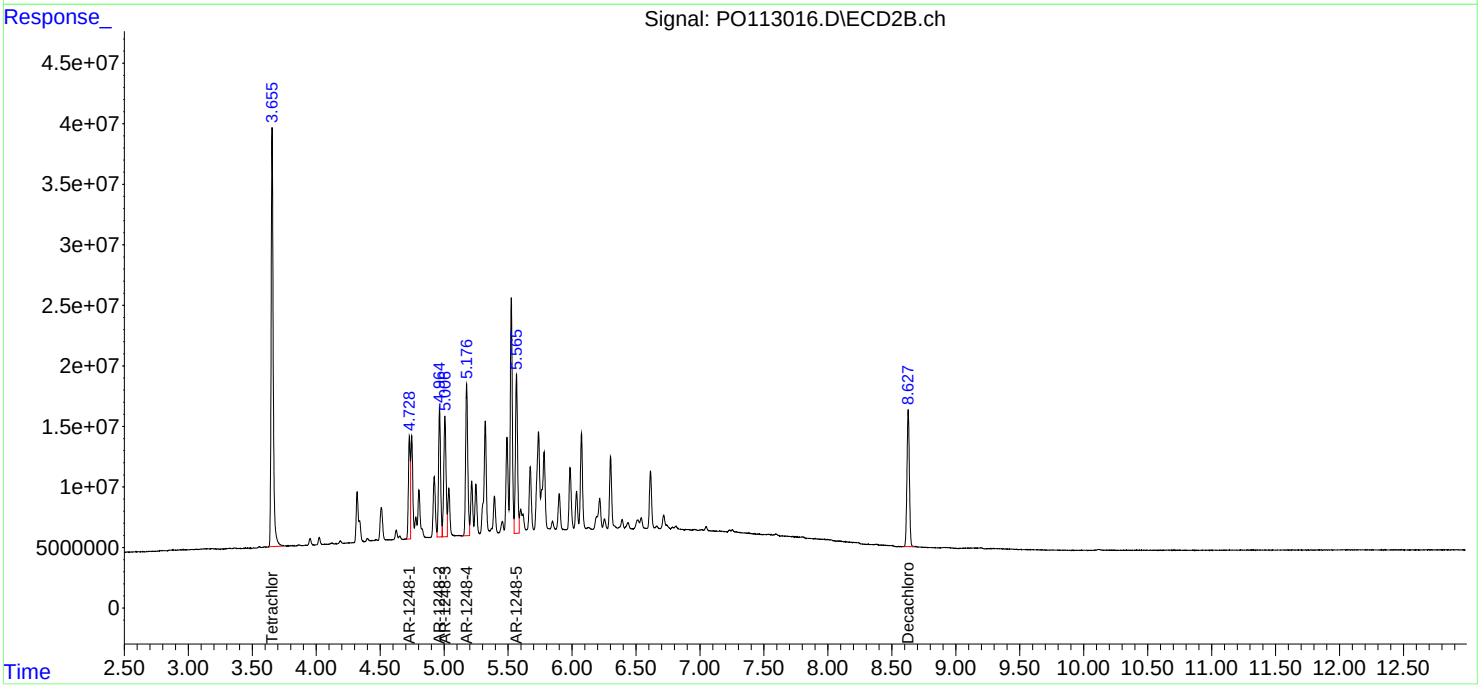
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113016.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 13:52
Operator : YP/AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

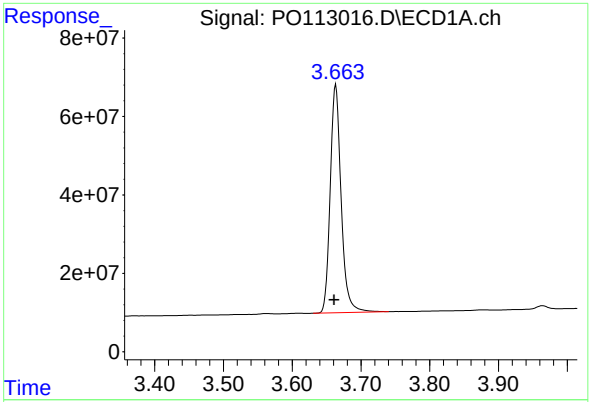
Instrument :
ECD_O
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:13:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:12:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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



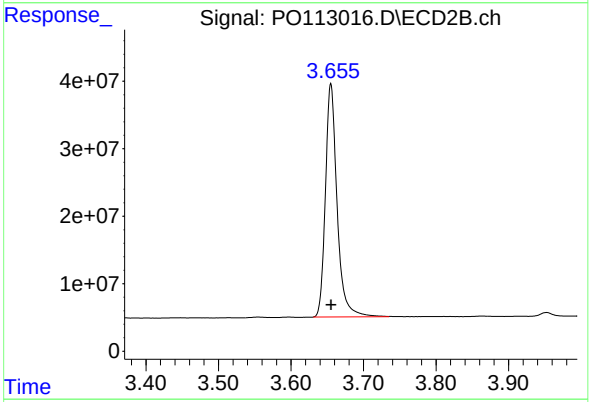




#1 Tetrachloro-m-xylene

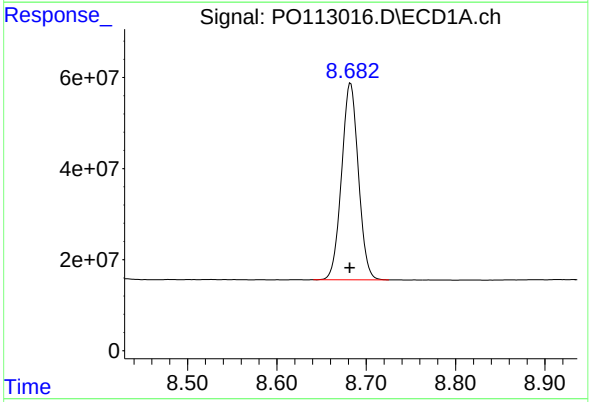
R.T.: 3.663 min
Delta R.T.: 0.002 min
Response: 641081303
Conc: 74.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



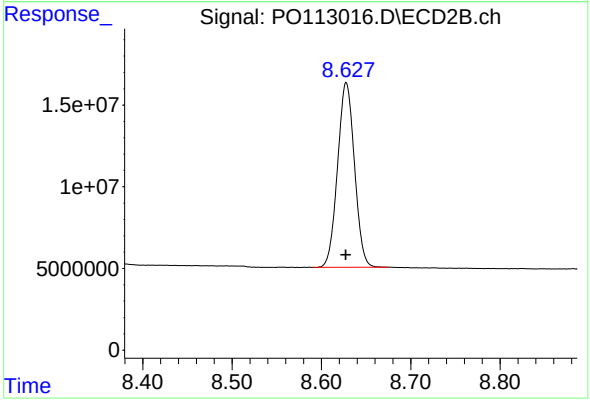
#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 386640184
Conc: 74.30 ng/ml



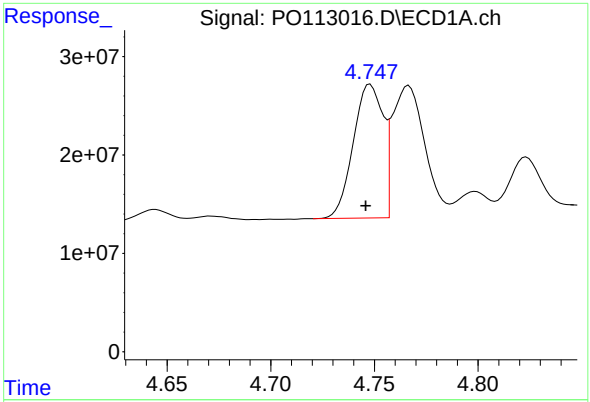
#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 563605312
Conc: 74.45 ng/ml



#2 Decachlorobiphenyl

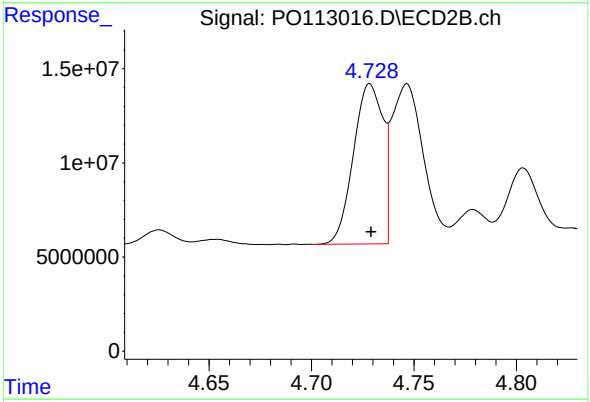
R.T.: 8.628 min
Delta R.T.: 0.000 min
Response: 148556245
Conc: 73.96 ng/ml



#21 AR-1248-1

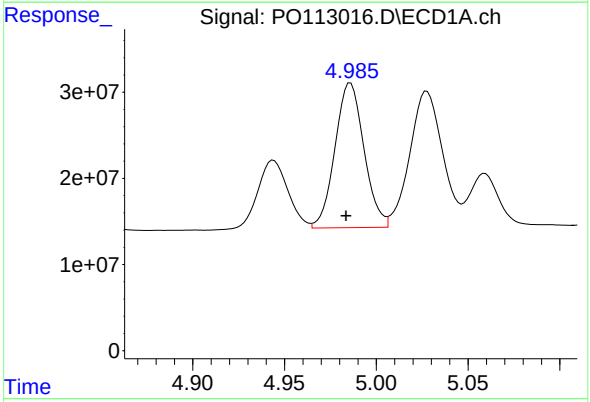
R.T.: 4.748 min
Delta R.T.: 0.002 min
Response: 135951908
Conc: 738.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



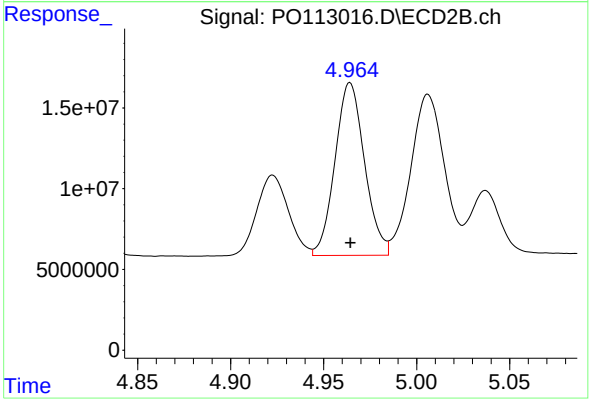
#21 AR-1248-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 84958849
Conc: 726.66 ng/ml



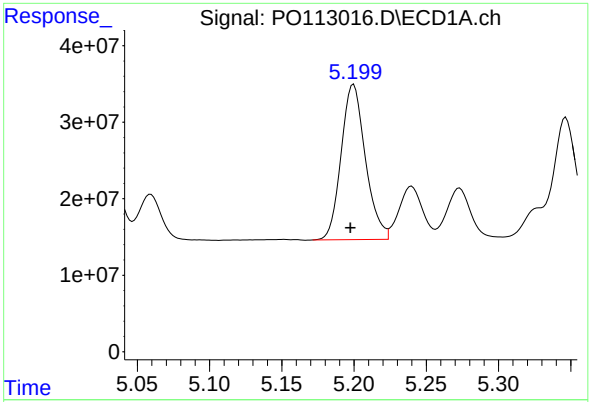
#22 AR-1248-2

R.T.: 4.986 min
Delta R.T.: 0.003 min
Response: 184770579
Conc: 747.72 ng/ml



#22 AR-1248-2

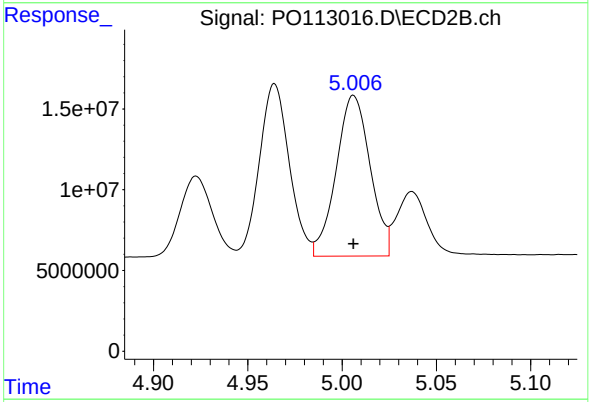
R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 118284961
Conc: 723.85 ng/ml



#23 AR-1248-3

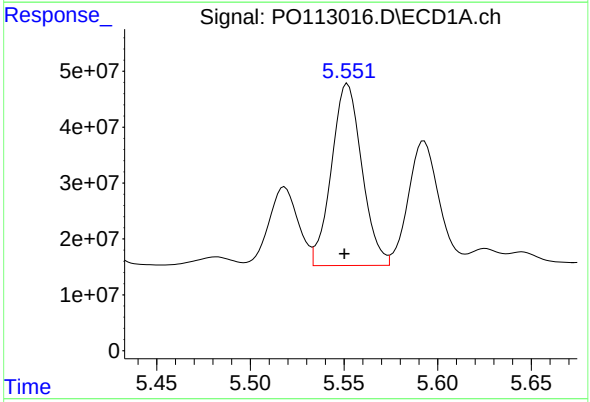
R.T.: 5.200 min
Delta R.T.: 0.002 min
Response: 236783487
Conc: 718.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



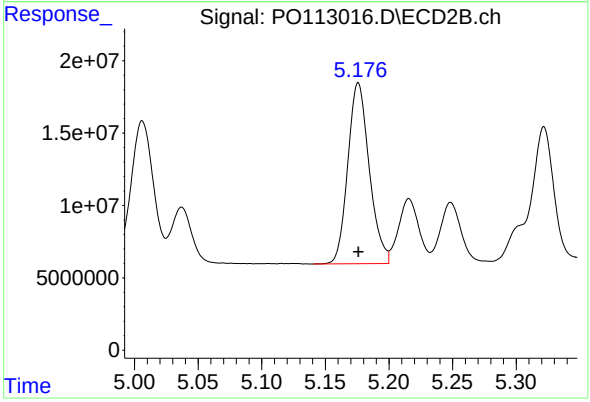
#23 AR-1248-3

R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 124793039
Conc: 721.17 ng/ml



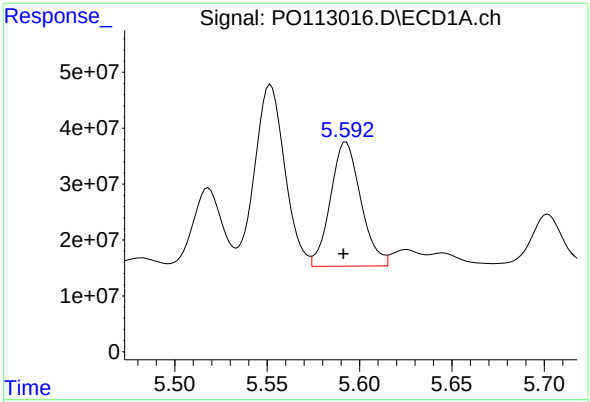
#24 AR-1248-4

R.T.: 5.552 min
Delta R.T.: 0.002 min
Response: 368407338
Conc: 724.74 ng/ml



#24 AR-1248-4

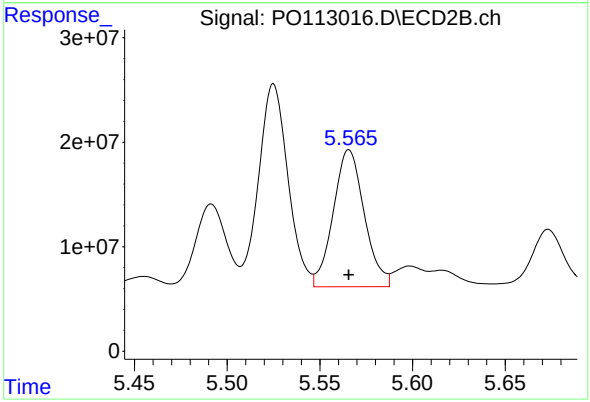
R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 146861914
Conc: 716.78 ng/ml



#25 AR-1248-5

R.T.: 5.593 min
Delta R.T.: 0.001 min
Response: 254126727
Conc: 729.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



#25 AR-1248-5

R.T.: 5.566 min
Delta R.T.: 0.000 min
Response: 152951072
Conc: 722.14 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113017.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 14:09
Operator : YP/AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:14:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:12:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.661	3.655	429.4E6	260.2E6	50.000	50.000
2)	SA Decachlor...	8.682	8.627	378.5E6	100.4E6	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	4.746	4.729	92017394	58458199	500.000	500.000
22)	L5 AR-1248-2	4.983	4.964	123.6E6	81705093	500.000	500.000
23)	L5 AR-1248-3	5.198	5.006	164.8E6	86521016	500.000	500.000
24)	L5 AR-1248-4	5.550	5.176	254.2E6	102.4E6	500.000	500.000
25)	L5 AR-1248-5	5.591	5.566	174.2E6	105.9E6	500.000	500.000

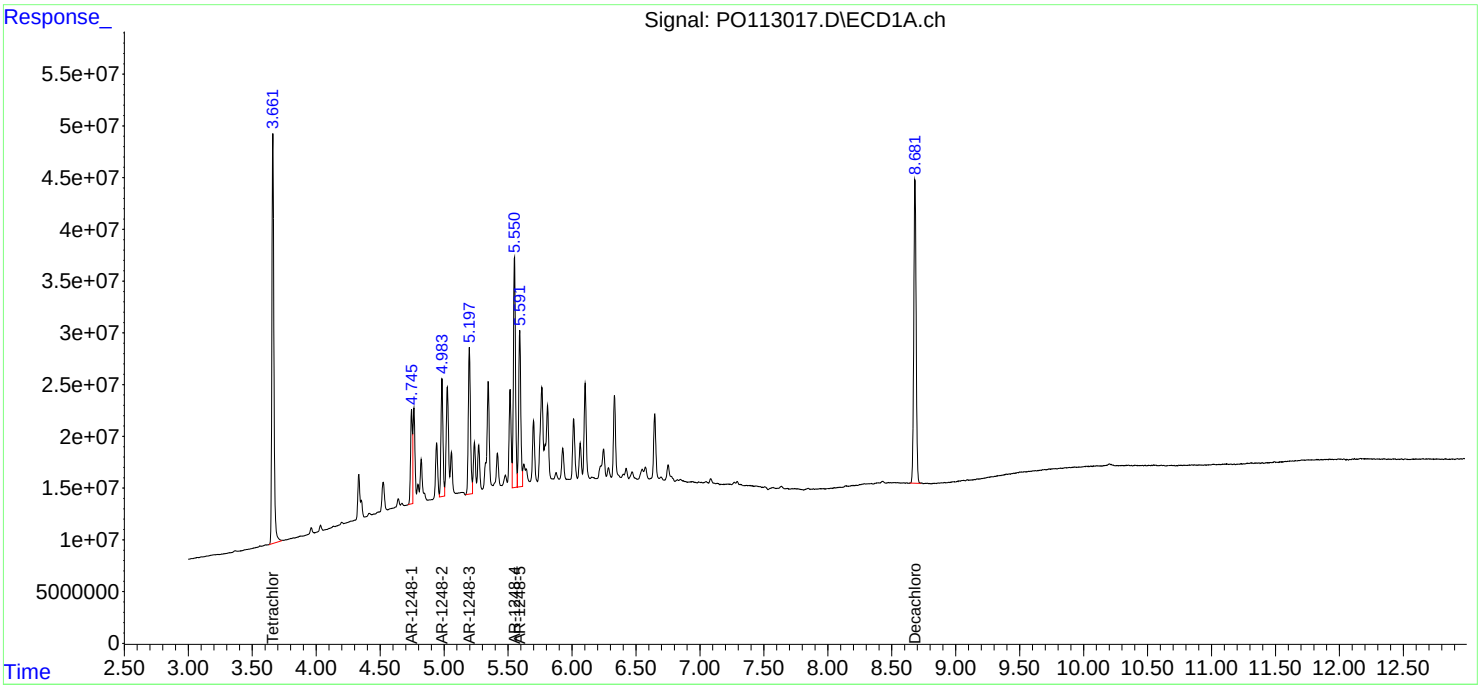
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

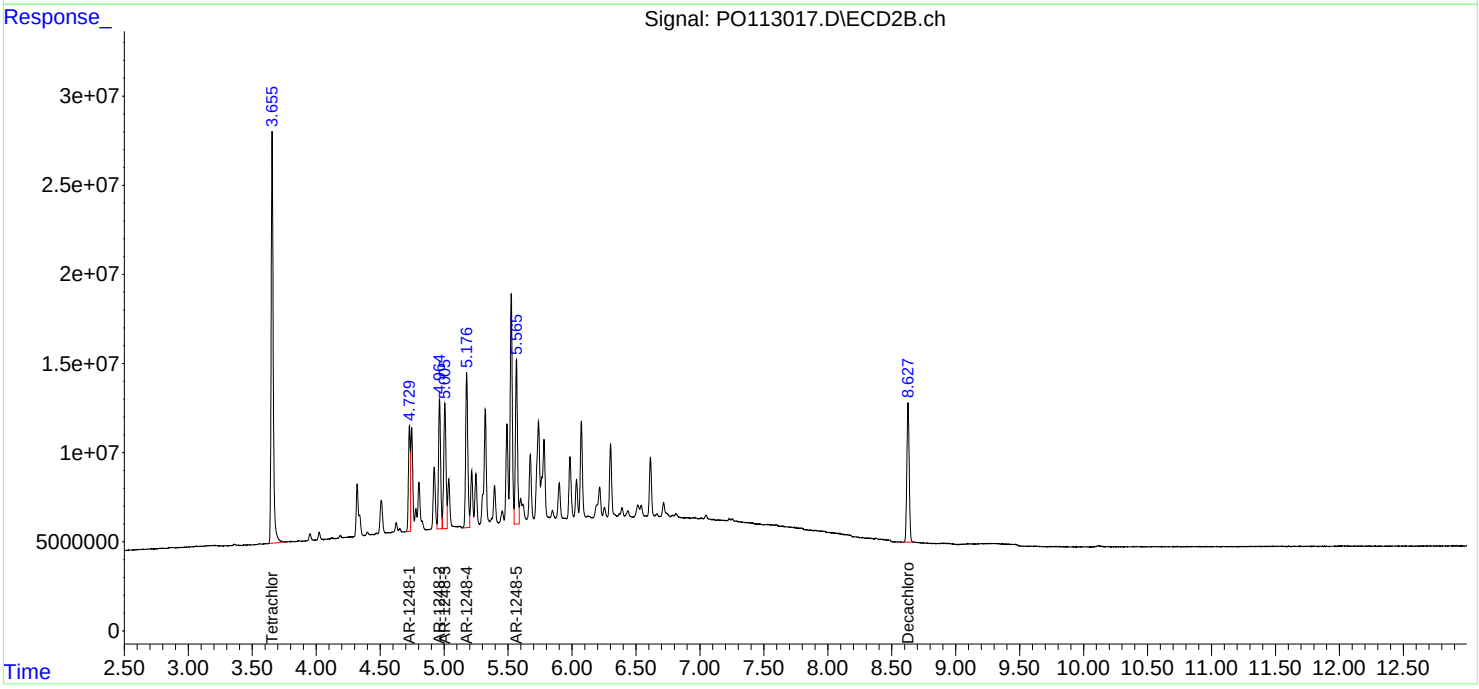
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113017.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 14:09
Operator : YP/AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

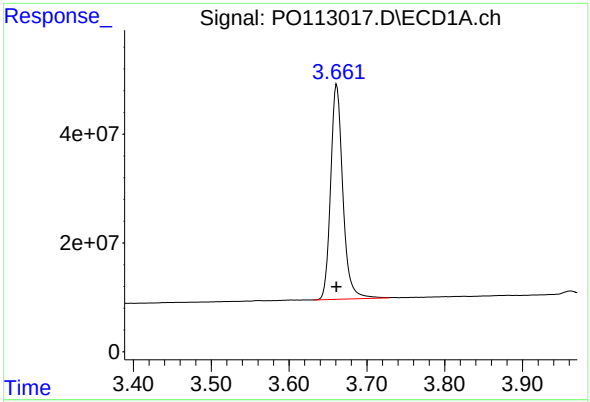
Instrument :
ECD_O
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:14:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:12:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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



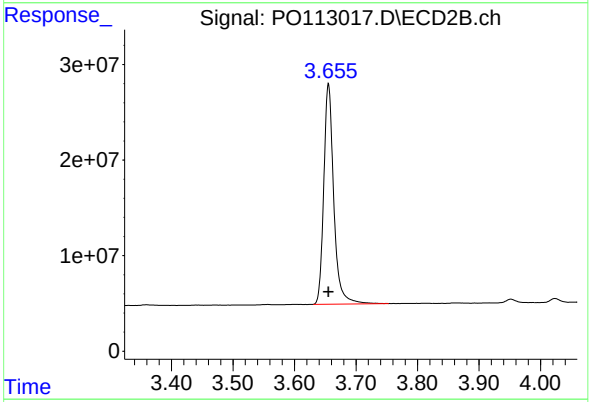




#1 Tetrachloro-m-xylene

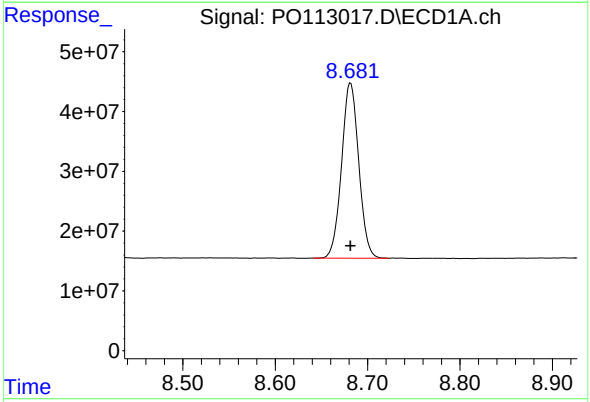
R.T.: 3.661 min
Delta R.T.: 0.000 min
Response: 429447429
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



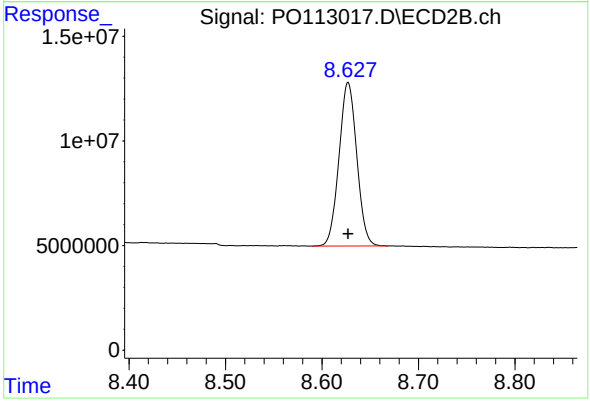
#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 260171767
Conc: 50.00 ng/ml



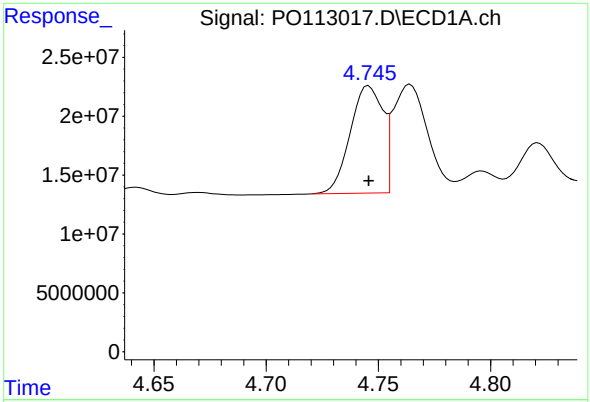
#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 378502615
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

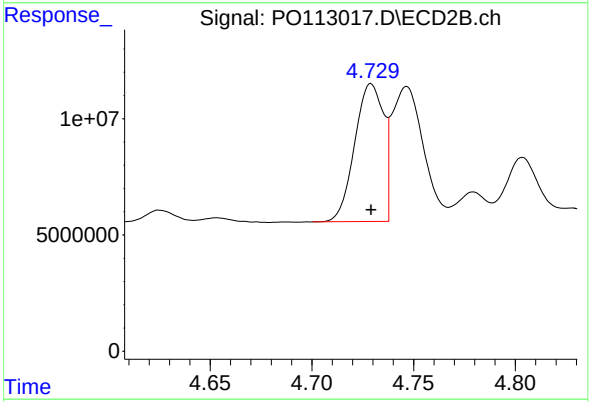
R.T.: 8.627 min
Delta R.T.: 0.000 min
Response: 100436496
Conc: 50.00 ng/ml



#21 AR-1248-1

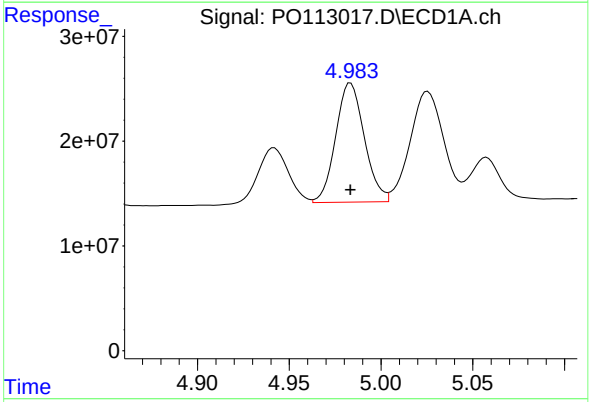
R.T.: 4.746 min
Delta R.T.: 0.000 min
Response: 92017394
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



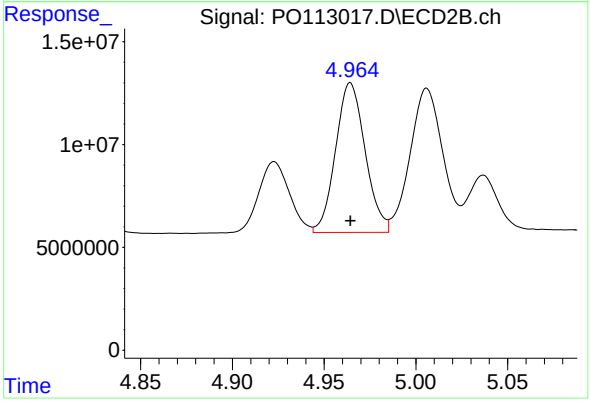
#21 AR-1248-1

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 58458199
Conc: 500.00 ng/ml



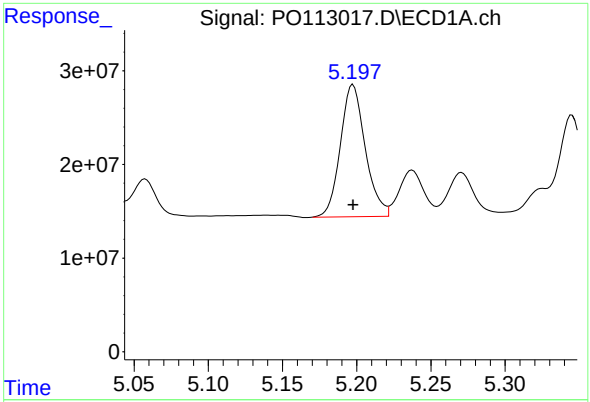
#22 AR-1248-2

R.T.: 4.983 min
Delta R.T.: 0.000 min
Response: 123556789
Conc: 500.00 ng/ml



#22 AR-1248-2

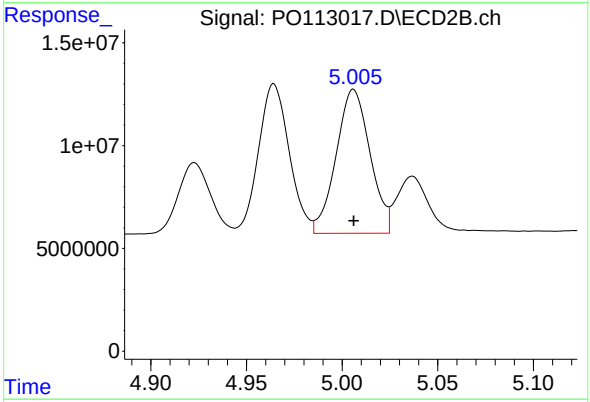
R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 81705093
Conc: 500.00 ng/ml



#23 AR-1248-3

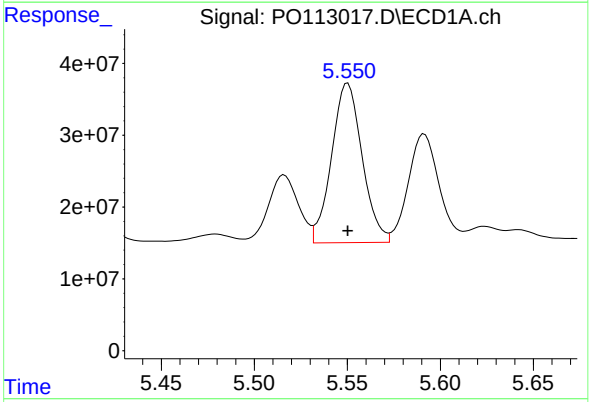
R.T.: 5.198 min
Delta R.T.: 0.000 min
Response: 164807523
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



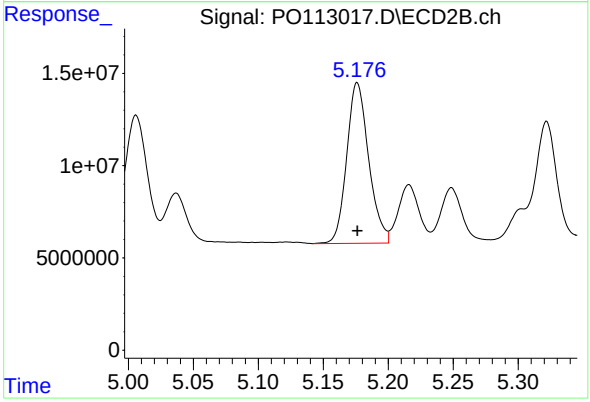
#23 AR-1248-3

R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 86521016
Conc: 500.00 ng/ml



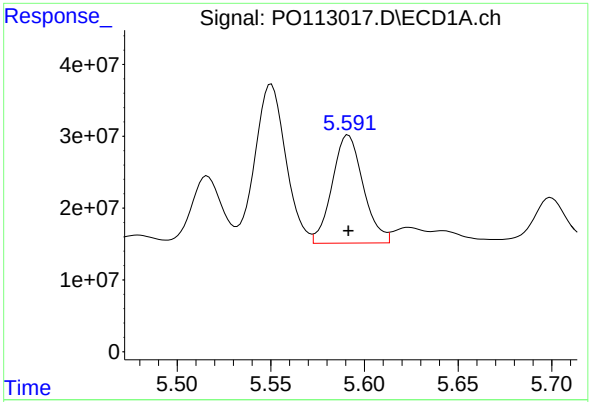
#24 AR-1248-4

R.T.: 5.550 min
Delta R.T.: 0.000 min
Response: 254166010
Conc: 500.00 ng/ml



#24 AR-1248-4

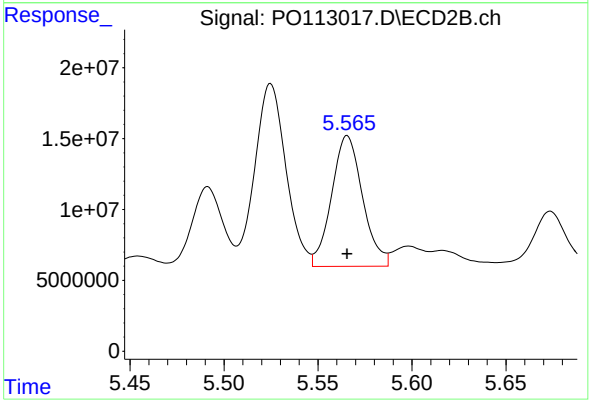
R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 102445230
Conc: 500.00 ng/ml



#25 AR-1248-5

R.T.: 5.591 min
Delta R.T.: 0.000 min
Response: 174153715
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



#25 AR-1248-5

R.T.: 5.566 min
Delta R.T.: 0.000 min
Response: 105901816
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113018.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 14:28
Operator : YP/AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:14:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:12:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.664	3.656	209.7E6	126.9E6	24.414	24.390
2)	SA Decachlor...	8.682	8.627	188.2E6	51115576	24.865	25.447
	Target Compounds						
21)	L5 AR-1248-1	4.748	4.729	45122166	29255539	245.183	250.226
22)	L5 AR-1248-2	4.986	4.965	62979159	42275318	254.859	258.707
23)	L5 AR-1248-3	5.200	5.007	79668469	44175959	241.702	255.290
24)	L5 AR-1248-4	5.553	5.178	126.5E6	52254392	248.765	255.036
25)	L5 AR-1248-5	5.594	5.567	84964920	55625603	243.937	262.628

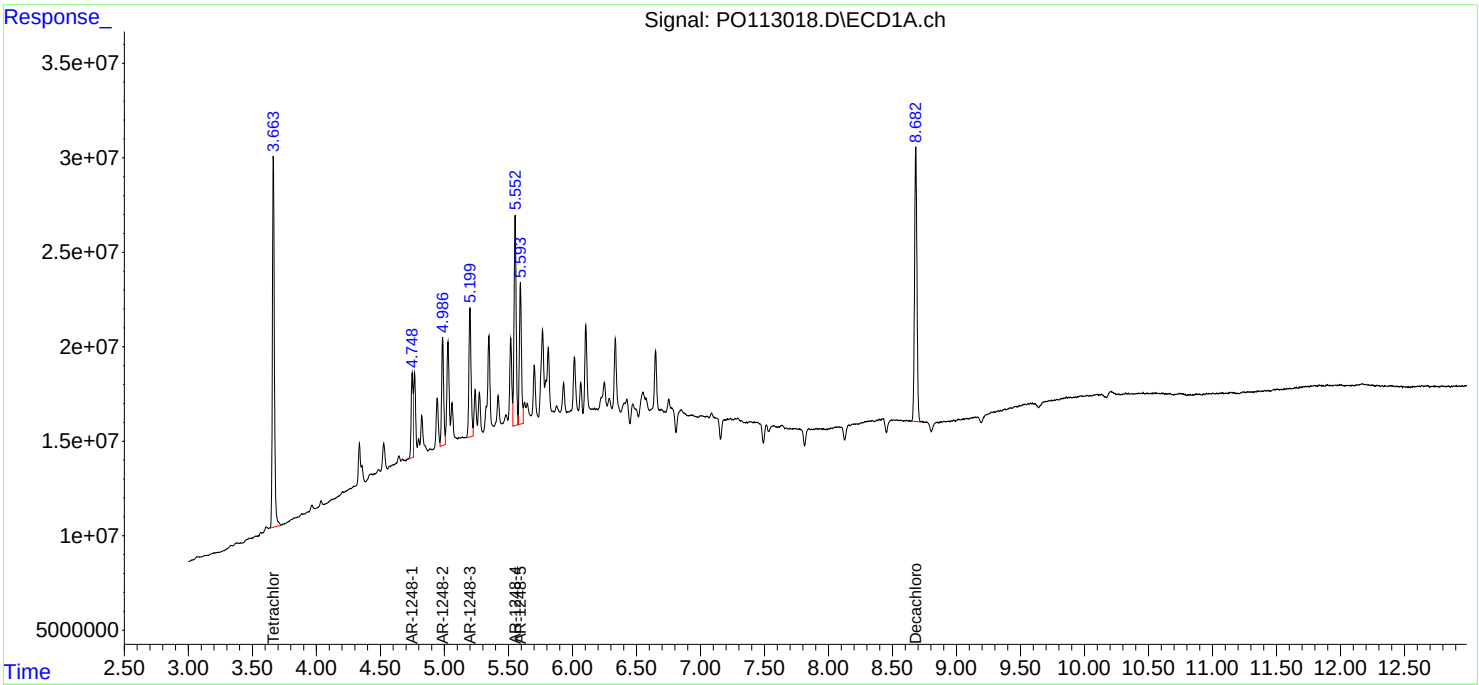
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

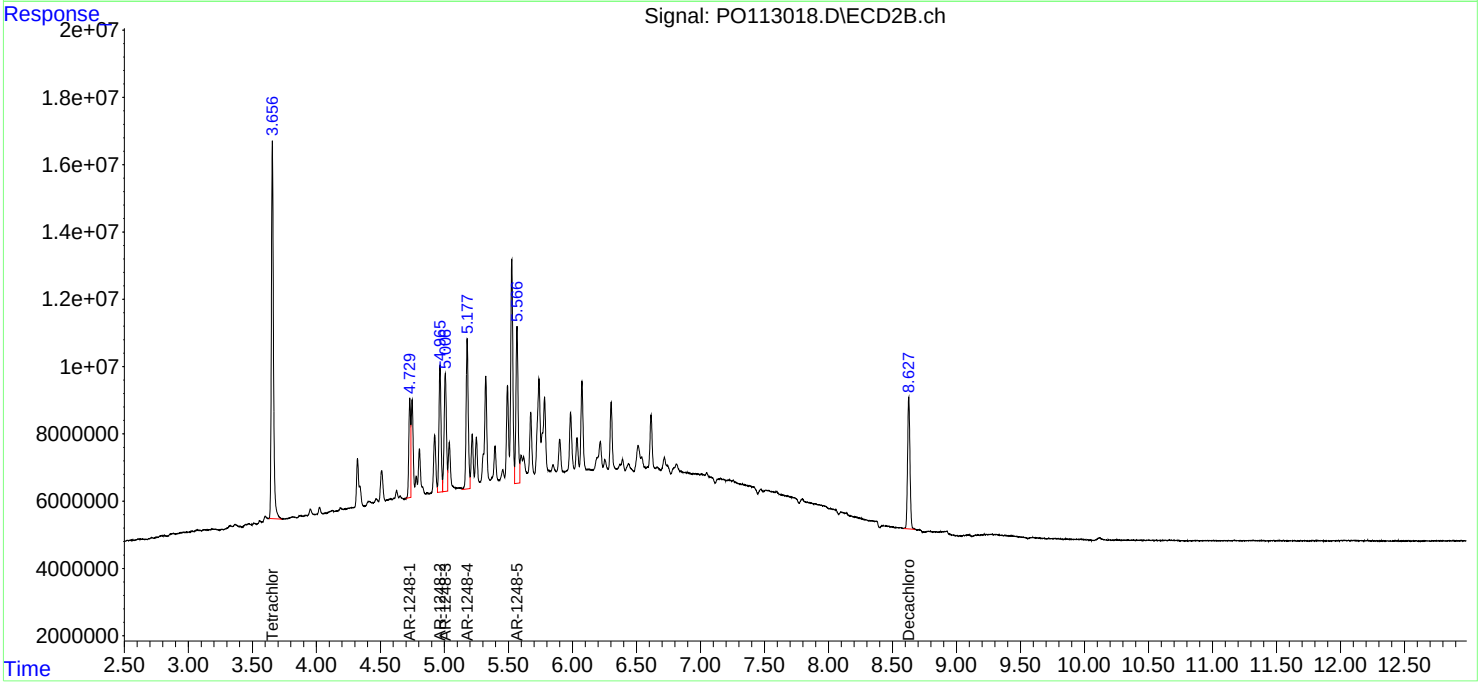
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113018.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 14:28
Operator : YP/AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

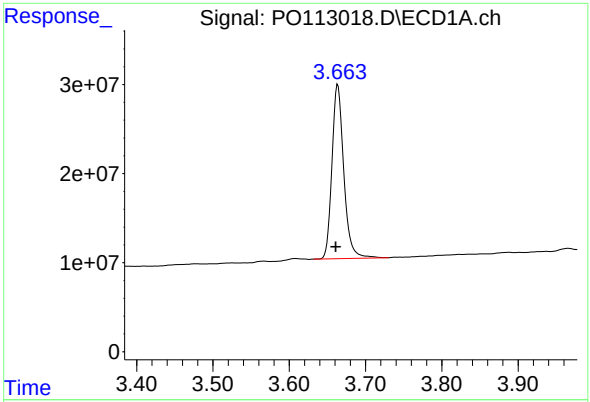
Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:14:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:12:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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



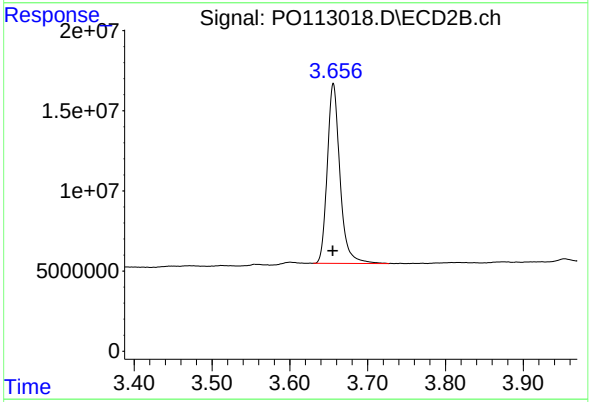




#1 Tetrachloro-m-xylene

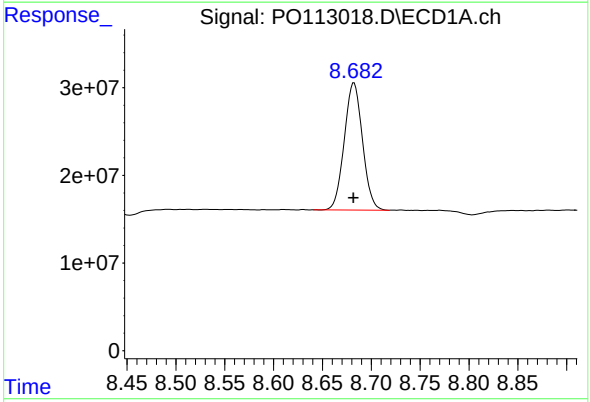
R.T.: 3.664 min
Delta R.T.: 0.003 min
Response: 209686296
Conc: 24.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



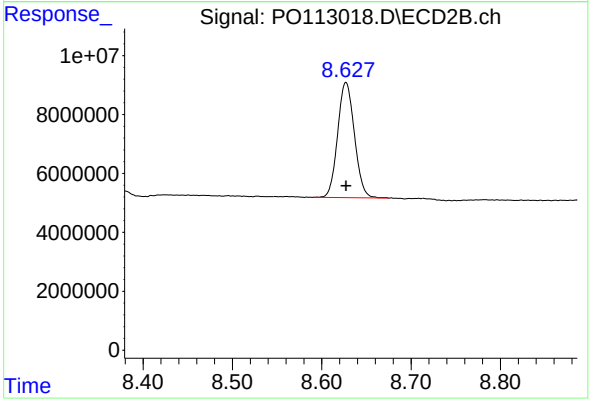
#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: 0.000 min
Response: 126913138
Conc: 24.39 ng/ml



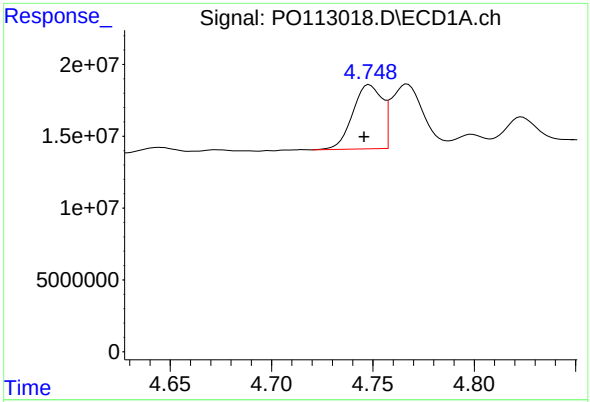
#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 188232180
Conc: 24.87 ng/ml



#2 Decachlorobiphenyl

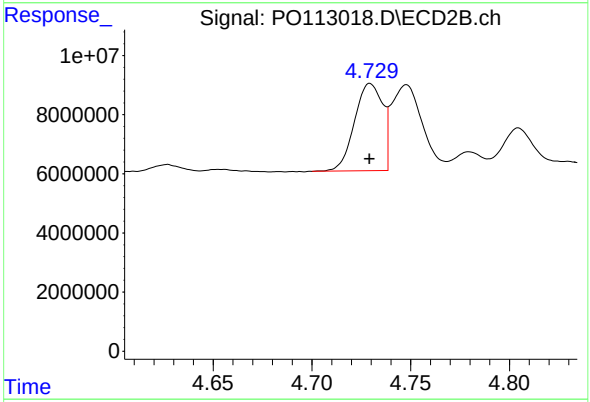
R.T.: 8.627 min
Delta R.T.: 0.000 min
Response: 51115576
Conc: 25.45 ng/ml



#21 AR-1248-1

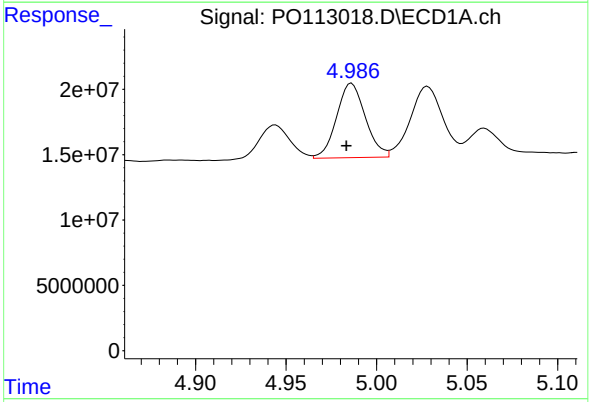
R.T.: 4.748 min
Delta R.T.: 0.003 min
Response: 45122166
Conc: 245.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



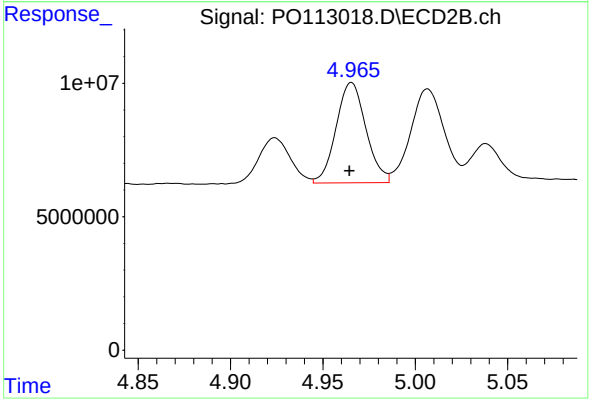
#21 AR-1248-1

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 29255539
Conc: 250.23 ng/ml



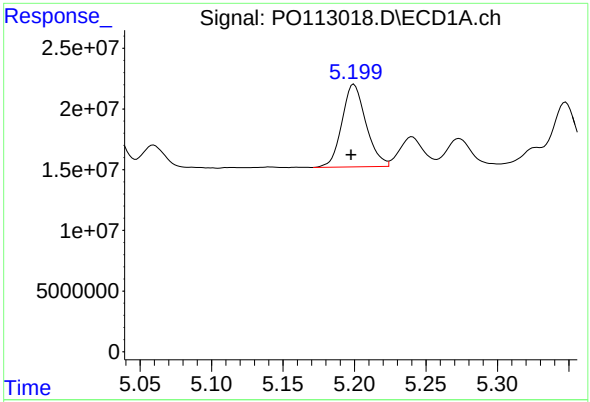
#22 AR-1248-2

R.T.: 4.986 min
Delta R.T.: 0.003 min
Response: 62979159
Conc: 254.86 ng/ml



#22 AR-1248-2

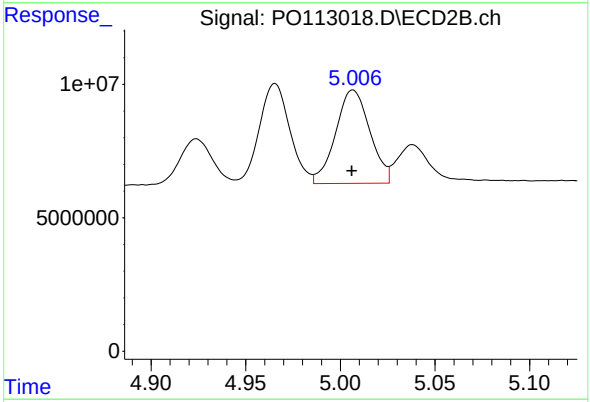
R.T.: 4.965 min
Delta R.T.: 0.001 min
Response: 42275318
Conc: 258.71 ng/ml



#23 AR-1248-3

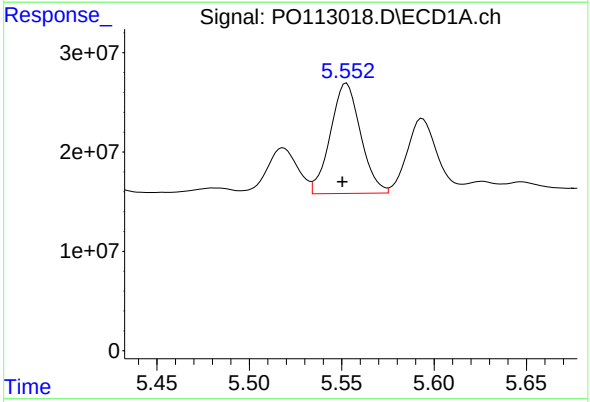
R.T.: 5.200 min
Delta R.T.: 0.002 min
Response: 79668469
Conc: 241.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



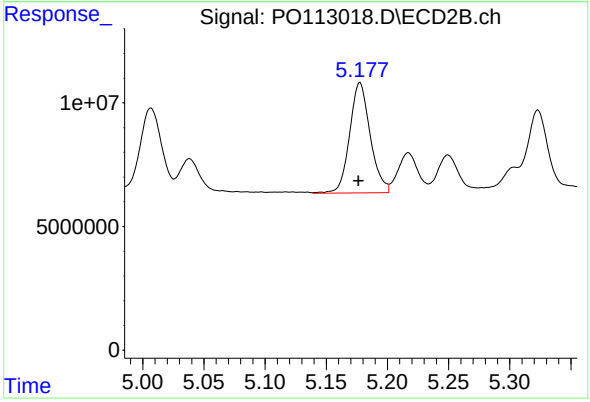
#23 AR-1248-3

R.T.: 5.007 min
Delta R.T.: 0.000 min
Response: 44175959
Conc: 255.29 ng/ml



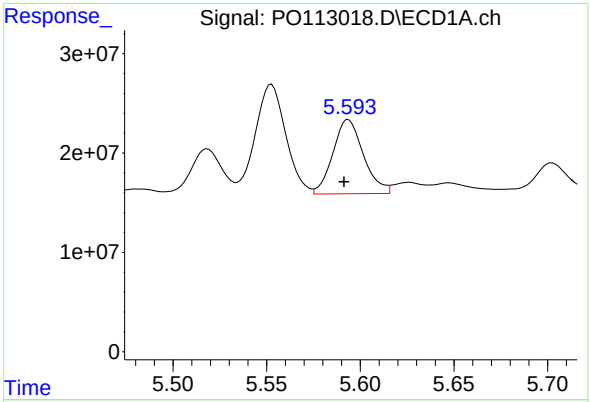
#24 AR-1248-4

R.T.: 5.553 min
Delta R.T.: 0.002 min
Response: 126455461
Conc: 248.77 ng/ml



#24 AR-1248-4

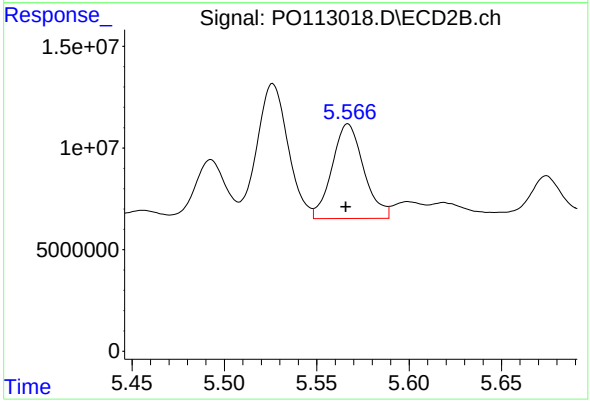
R.T.: 5.178 min
Delta R.T.: 0.001 min
Response: 52254392
Conc: 255.04 ng/ml



#25 AR-1248-5

R.T.: 5.594 min
Delta R.T.: 0.002 min
Response: 84964920
Conc: 243.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



#25 AR-1248-5

R.T.: 5.567 min
Delta R.T.: 0.001 min
Response: 55625603
Conc: 262.63 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113019.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 14:46
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:14:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:12:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.663	3.655	33541803	21100686	3.905	4.055
2)	SA Decachlor...	8.683	8.627	30379928	8654947	4.013	4.309
	Target Compounds						
21)	L5 AR-1248-1	4.748	4.729	7449194	5093554	40.477	43.566
22)	L5 AR-1248-2	4.986	4.964	11191763	8123784	45.290	49.714
23)	L5 AR-1248-3	5.200	5.006	16210491	8636665	49.180	49.911
24)	L5 AR-1248-4	5.553	5.176	25855584	9905263	50.864	48.344
25)	L5 AR-1248-5	5.593	5.567	17811440	11461135	51.137	54.112

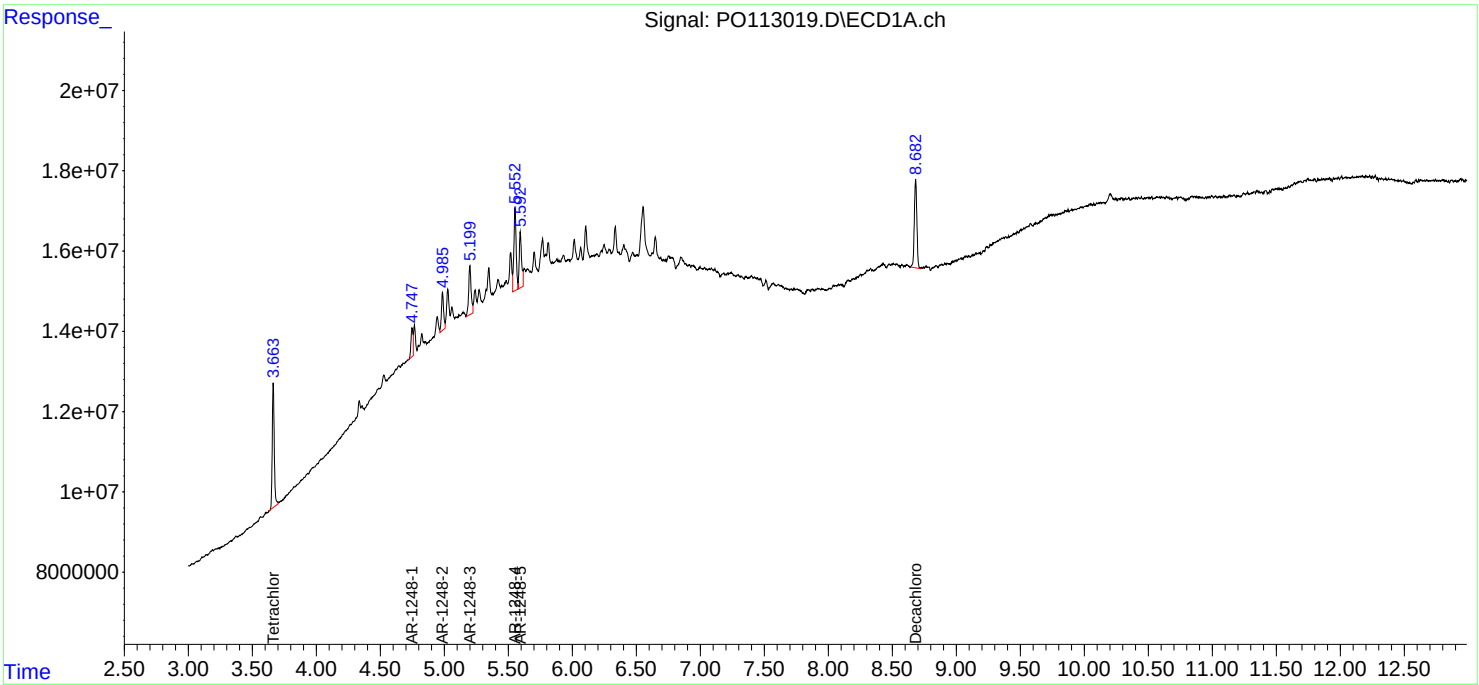
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

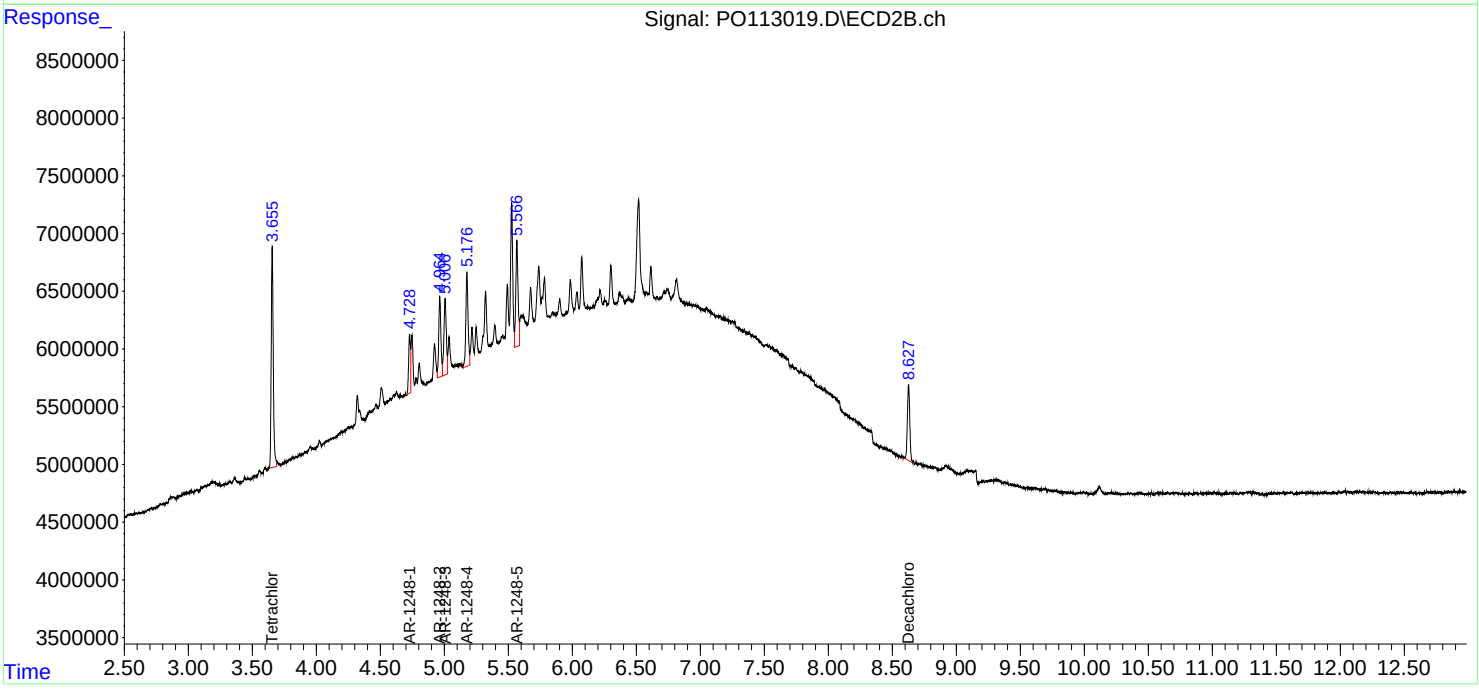
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113019.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 14:46
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

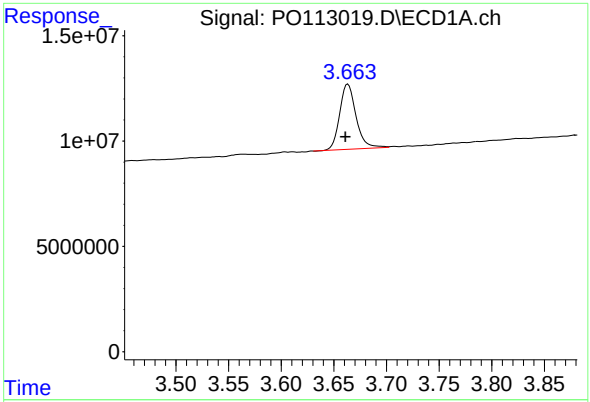
Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:14:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:12:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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



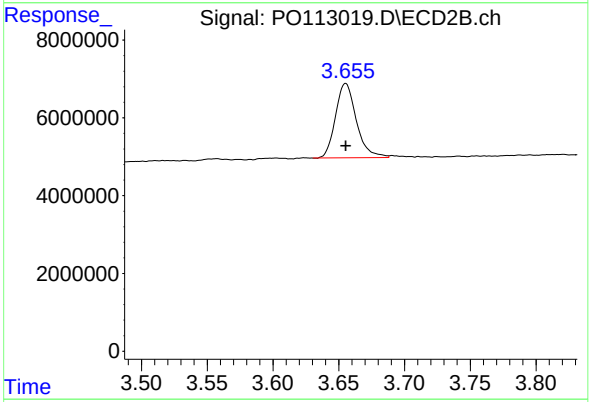




#1 Tetrachloro-m-xylene

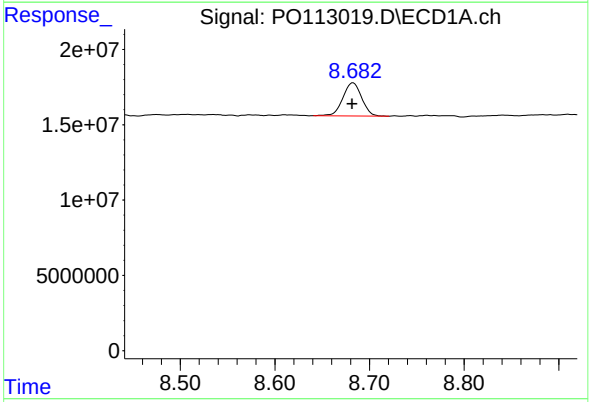
R.T.: 3.663 min
Delta R.T.: 0.002 min
Response: 33541803
Conc: 3.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



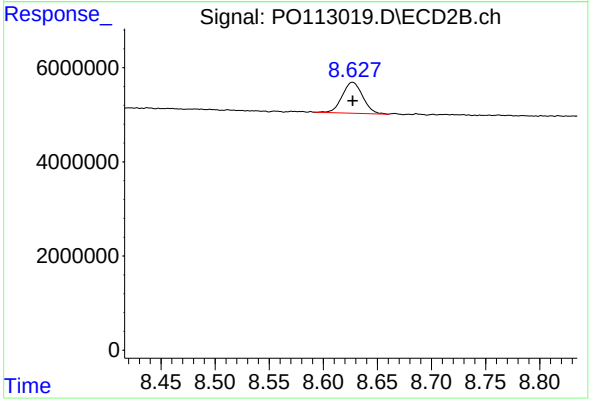
#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 21100686
Conc: 4.06 ng/ml



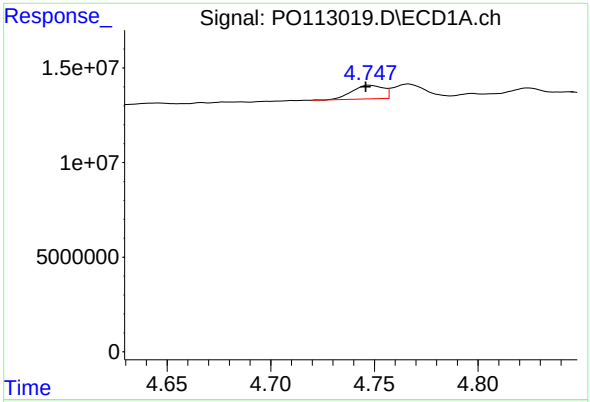
#2 Decachlorobiphenyl

R.T.: 8.683 min
Delta R.T.: 0.001 min
Response: 30379928
Conc: 4.01 ng/ml



#2 Decachlorobiphenyl

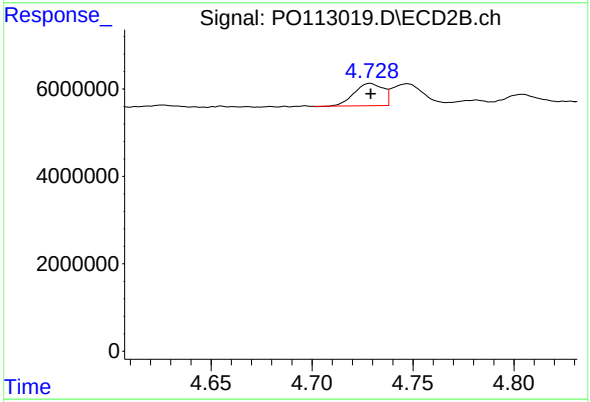
R.T.: 8.627 min
Delta R.T.: 0.000 min
Response: 8654947
Conc: 4.31 ng/ml



#21 AR-1248-1

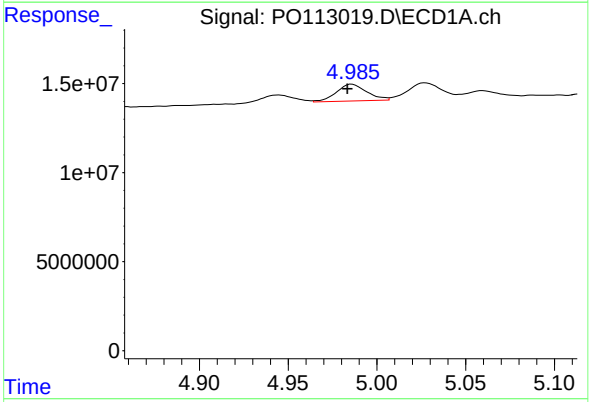
R.T.: 4.748 min
Delta R.T.: 0.002 min
Response: 7449194
Conc: 40.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



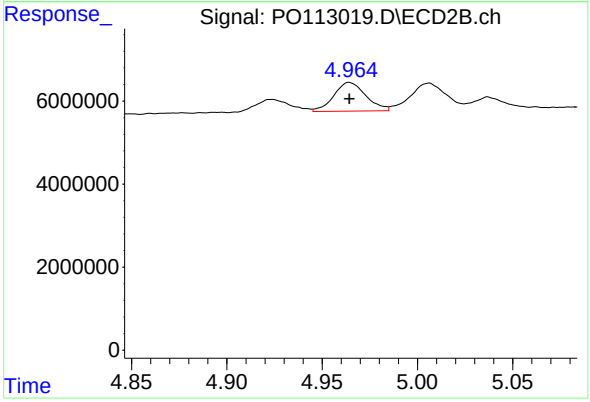
#21 AR-1248-1

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 5093554
Conc: 43.57 ng/ml



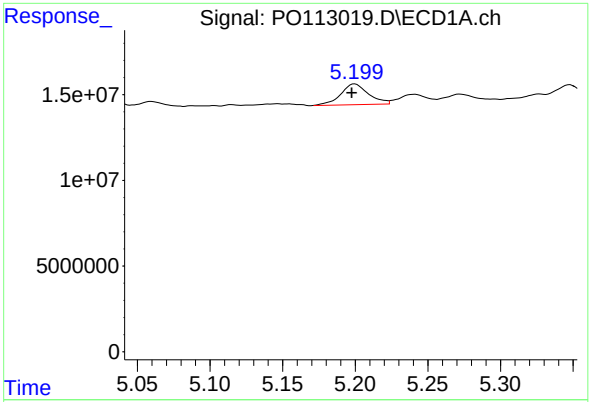
#22 AR-1248-2

R.T.: 4.986 min
Delta R.T.: 0.002 min
Response: 11191763
Conc: 45.29 ng/ml



#22 AR-1248-2

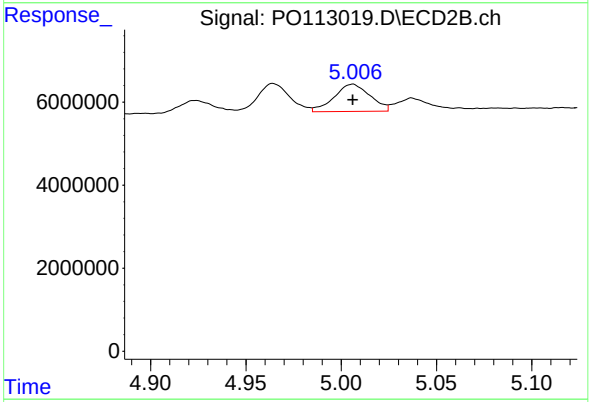
R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 8123784
Conc: 49.71 ng/ml



#23 AR-1248-3

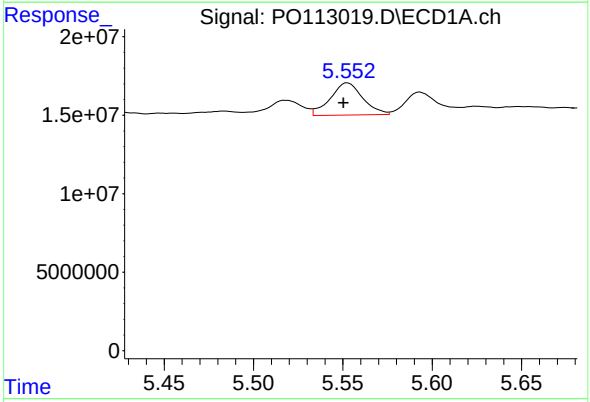
R.T.: 5.200 min
Delta R.T.: 0.002 min
Response: 16210491
Conc: 49.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



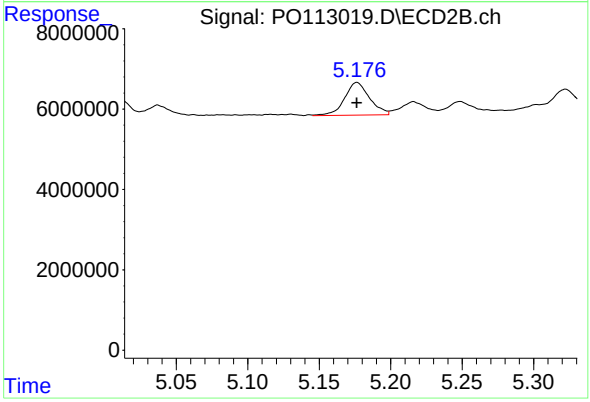
#23 AR-1248-3

R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 8636665
Conc: 49.91 ng/ml



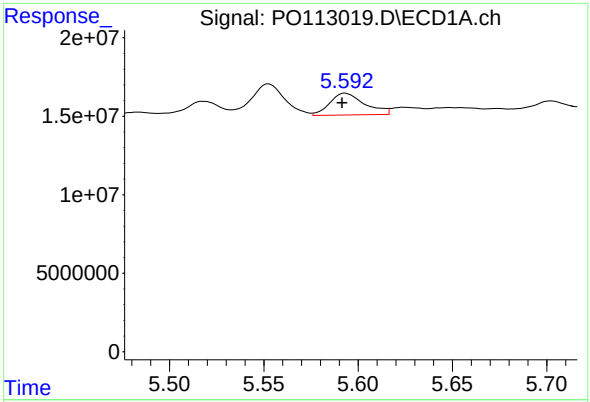
#24 AR-1248-4

R.T.: 5.553 min
Delta R.T.: 0.002 min
Response: 25855584
Conc: 50.86 ng/ml



#24 AR-1248-4

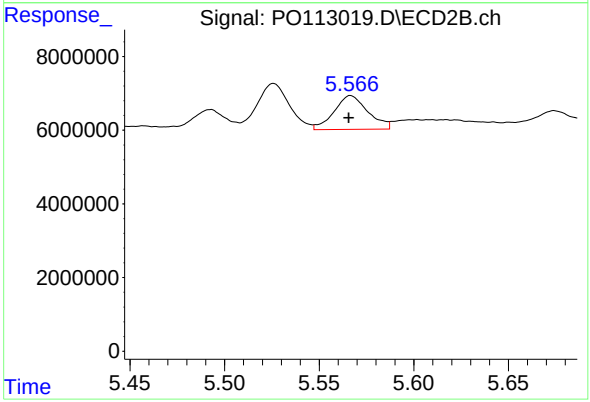
R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 9905263
Conc: 48.34 ng/ml



#25 AR-1248-5

R.T.: 5.593 min
Delta R.T.: 0.002 min
Response: 17811440
Conc: 51.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



#25 AR-1248-5

R.T.: 5.567 min
Delta R.T.: 0.001 min
Response: 11461135
Conc: 54.11 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113020.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 15:05
Operator : YP/AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:26:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:25:15 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...	3.663	3.655	812.7E6	491.1E6	97.720	97.078
2)	SA Decachlor...	8.683	8.627	713.2E6	185.6E6	95.742	94.040
	Target Compounds						
26)	L6 AR-1254-1	5.552	5.525	499.6E6	288.8E6	947.625	926.947
27)	L6 AR-1254-2	5.702	5.673	454.6E6	255.0E6	947.600	921.953
28)	L6 AR-1254-3	6.104	6.073	711.1E6	394.7E6	962.469	948.598
29)	L6 AR-1254-4	6.334	6.302	533.0E6	258.2E6	963.574	943.828
30)	L6 AR-1254-5	6.752	6.717	688.0E6	325.5E6	979.998	925.920

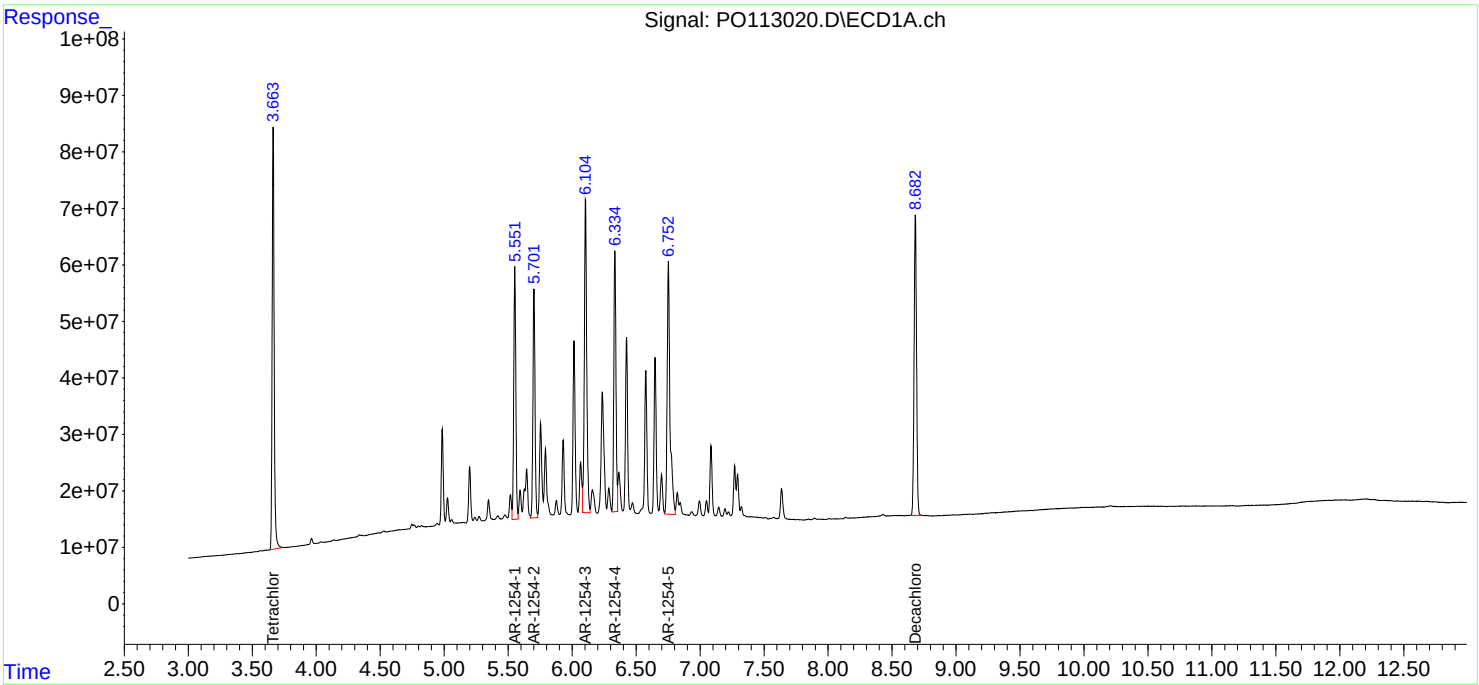
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

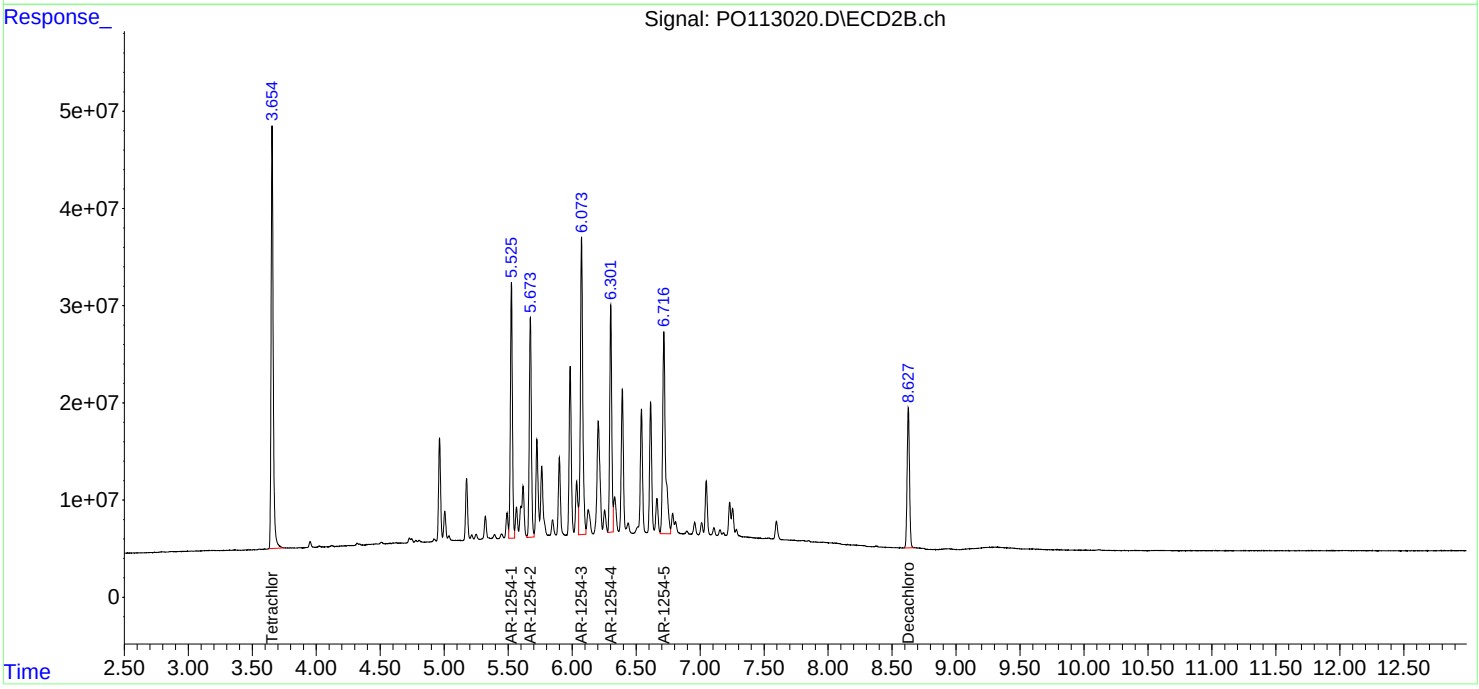
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113020.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 15:05
Operator : YP/AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

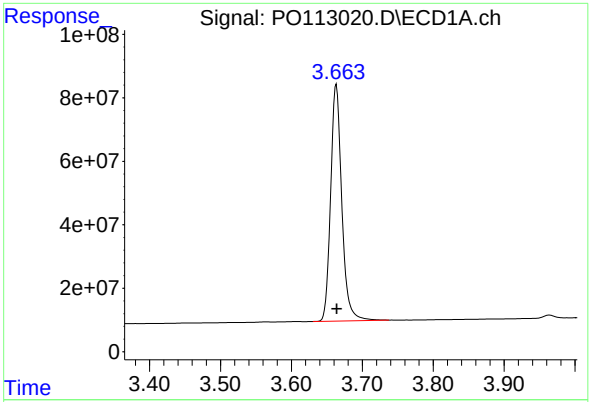
Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:26:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:25:15 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



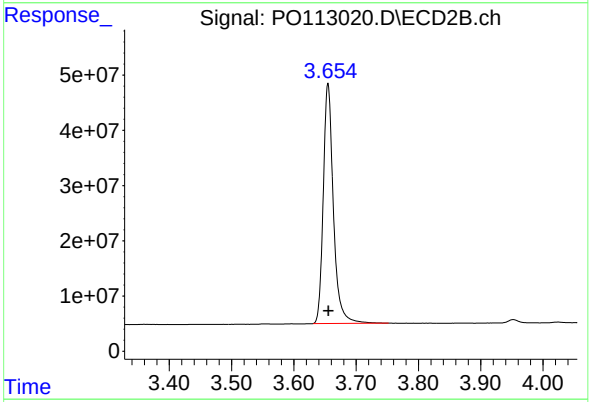




#1 Tetrachloro-m-xylene

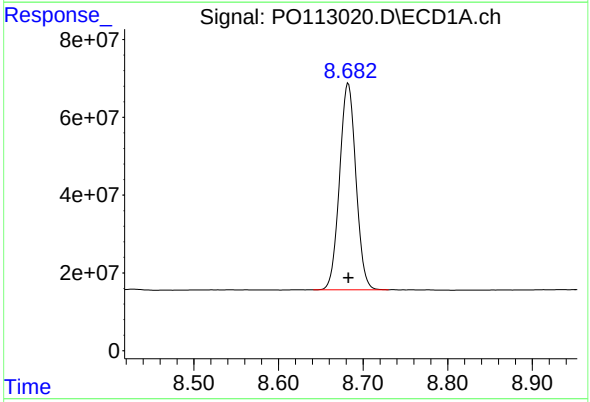
R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 812688199
Conc: 97.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



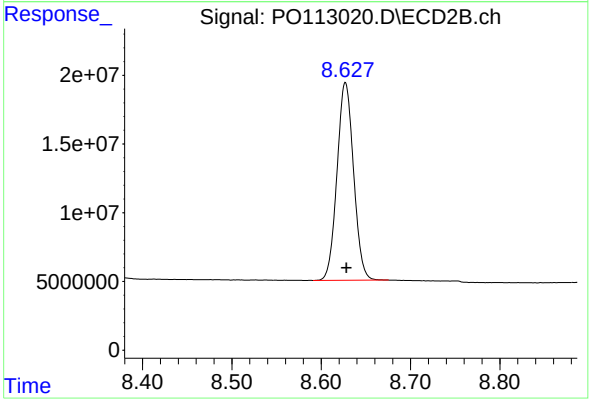
#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 491127929
Conc: 97.08 ng/ml



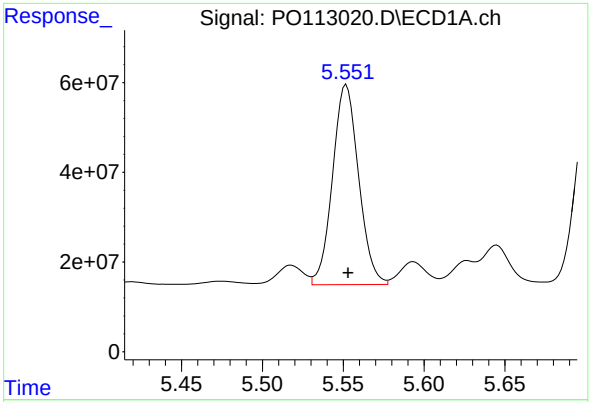
#2 Decachlorobiphenyl

R.T.: 8.683 min
Delta R.T.: 0.000 min
Response: 713151584
Conc: 95.74 ng/ml



#2 Decachlorobiphenyl

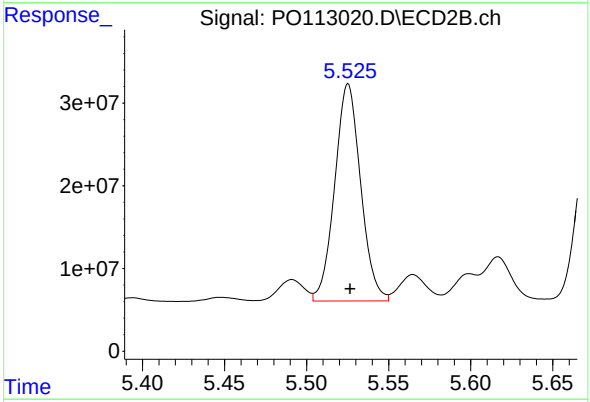
R.T.: 8.627 min
Delta R.T.: -0.001 min
Response: 185558274
Conc: 94.04 ng/ml



#26 AR-1254-1

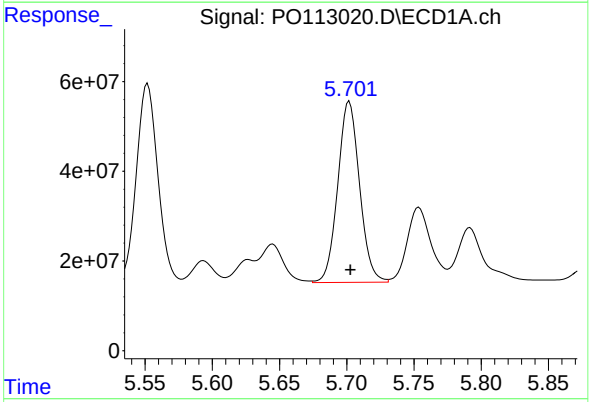
R.T.: 5.552 min
Delta R.T.: -0.001 min
Response: 499551241
Conc: 947.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



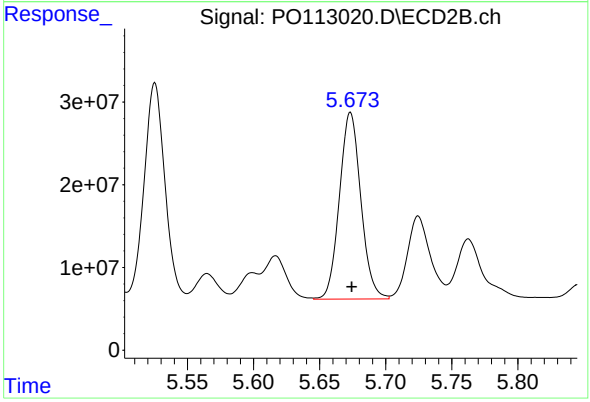
#26 AR-1254-1

R.T.: 5.525 min
Delta R.T.: -0.001 min
Response: 288848558
Conc: 926.95 ng/ml



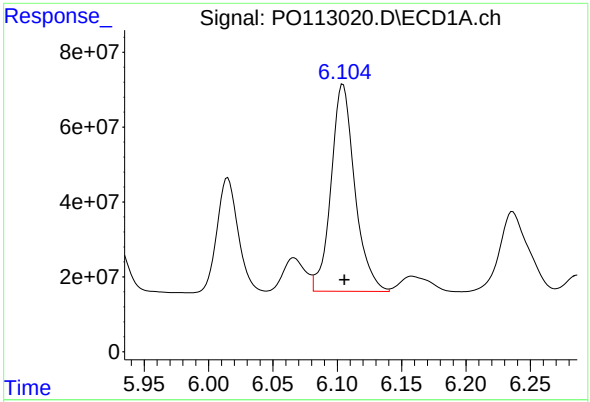
#27 AR-1254-2

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 454632825
Conc: 947.60 ng/ml



#27 AR-1254-2

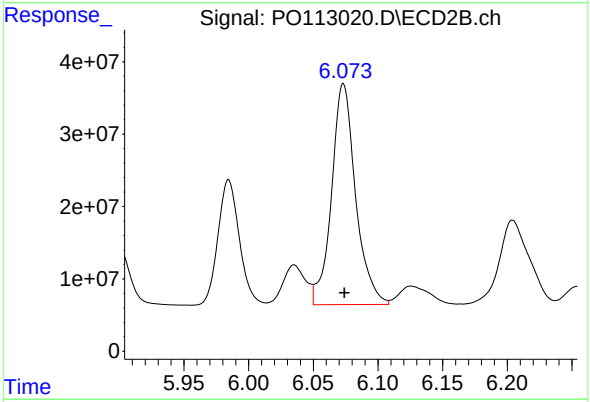
R.T.: 5.673 min
Delta R.T.: -0.001 min
Response: 255015428
Conc: 921.95 ng/ml



#28 AR-1254-3

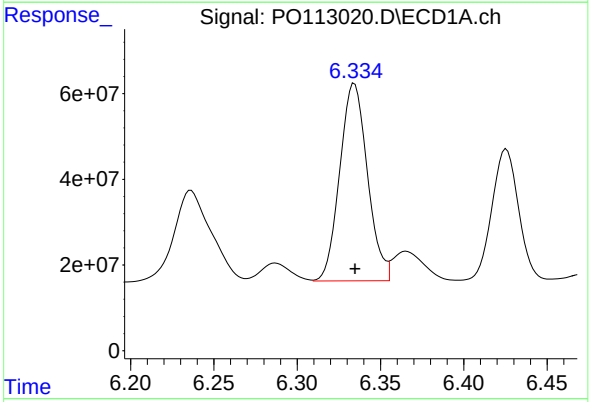
R.T.: 6.104 min
Delta R.T.: -0.001 min
Response: 711089310
Conc: 962.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



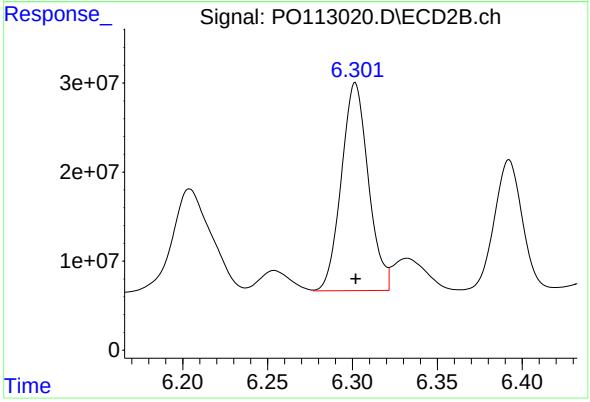
#28 AR-1254-3

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 394658183
Conc: 948.60 ng/ml



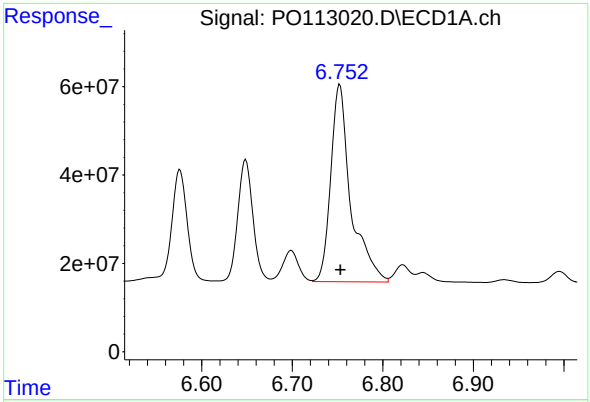
#29 AR-1254-4

R.T.: 6.334 min
Delta R.T.: 0.000 min
Response: 533028449
Conc: 963.57 ng/ml



#29 AR-1254-4

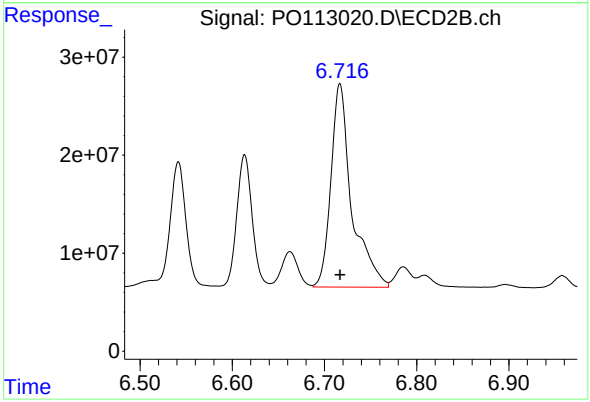
R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 258230294
Conc: 943.83 ng/ml



#30 AR-1254-5

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 687979747
Conc: 980.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



#30 AR-1254-5

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 325480526
Conc: 925.92 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113021.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 15:23
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:26:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:25:15 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...	3.663	3.655	626.2E6	380.0E6	75.299	75.114
2)	SA Decachlor...	8.682	8.627	549.8E6	144.5E6	73.810	73.238
	Target Compounds						
26)	L6 AR-1254-1	5.553	5.526	386.5E6	227.1E6	733.198	728.784
27)	L6 AR-1254-2	5.702	5.674	348.3E6	199.6E6	725.877	721.726
28)	L6 AR-1254-3	6.105	6.074	545.9E6	306.0E6	738.816	735.459
29)	L6 AR-1254-4	6.335	6.302	411.4E6	201.5E6	743.727	736.386
30)	L6 AR-1254-5	6.753	6.717	523.4E6	253.4E6	745.575	720.993

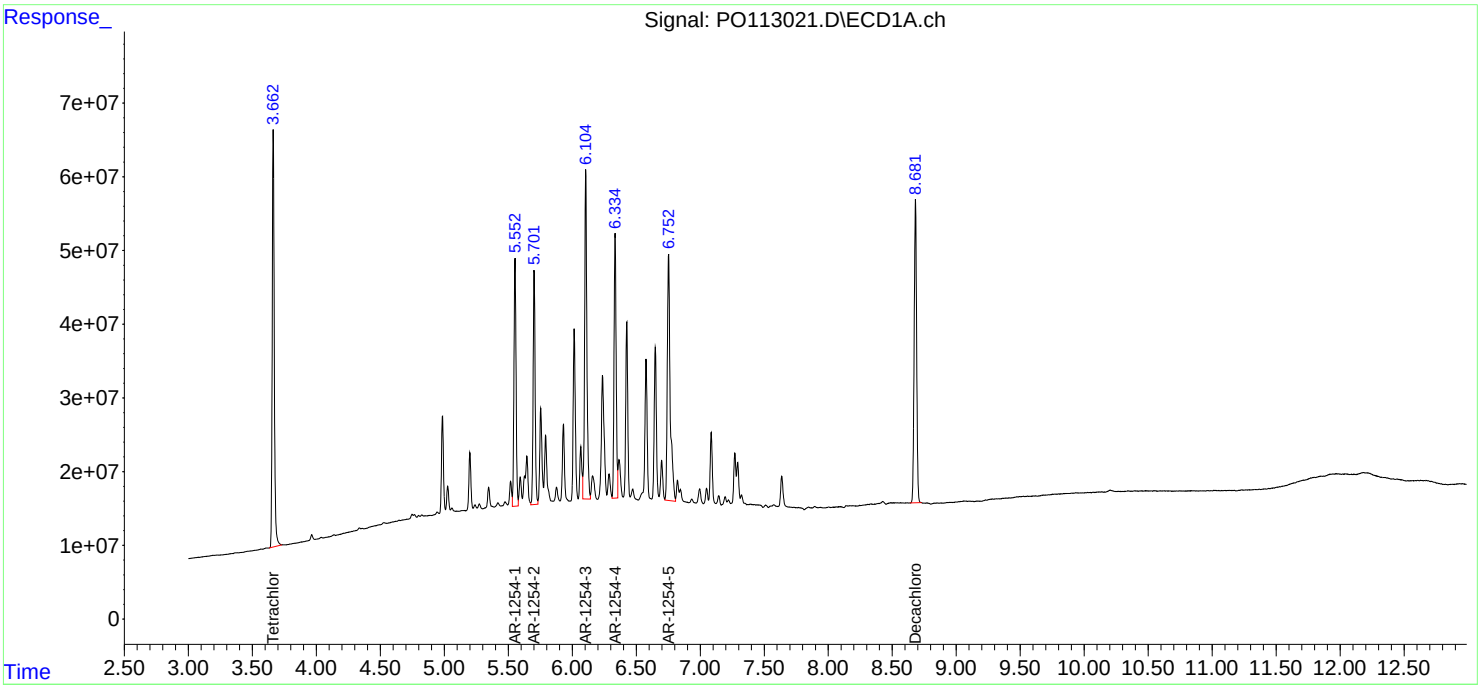
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

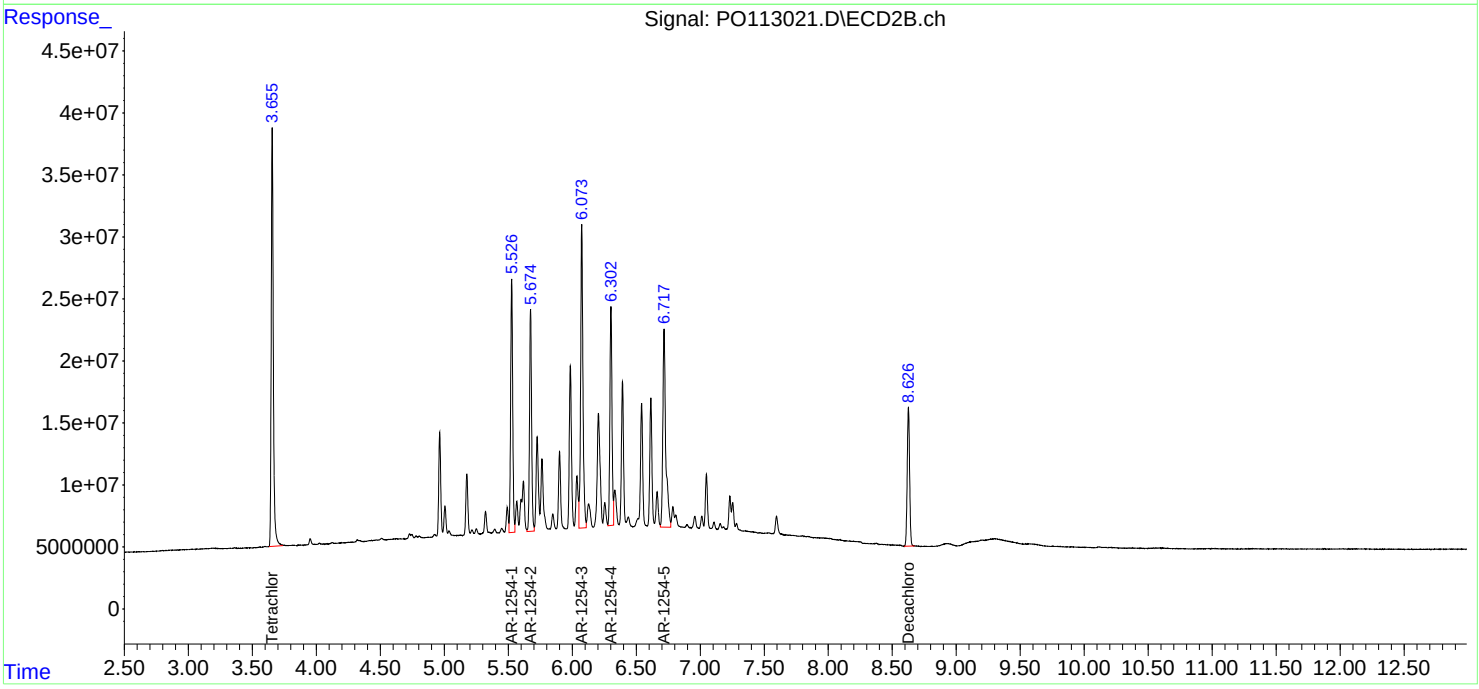
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113021.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 15:23
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

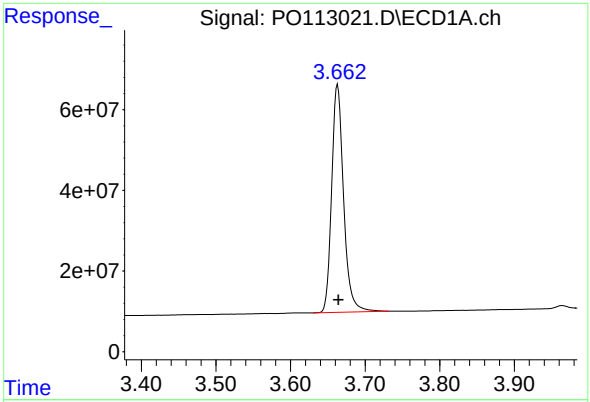
Instrument :
ECD_O
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:26:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:25:15 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



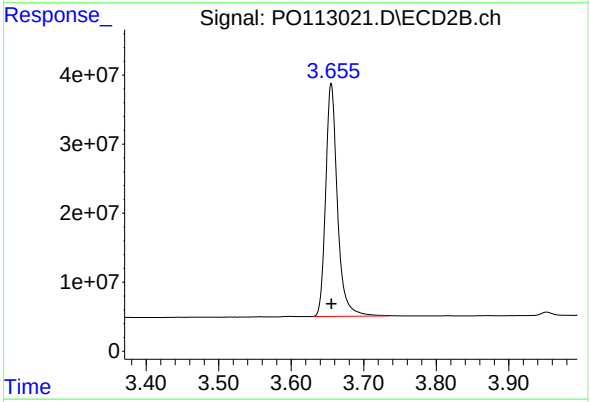




#1 Tetrachloro-m-xylene

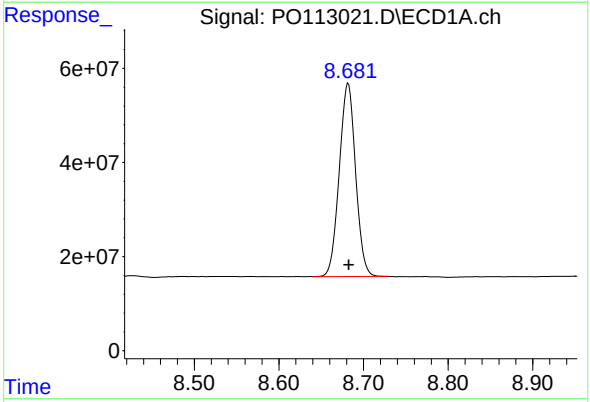
R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 626226026
Conc: 75.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



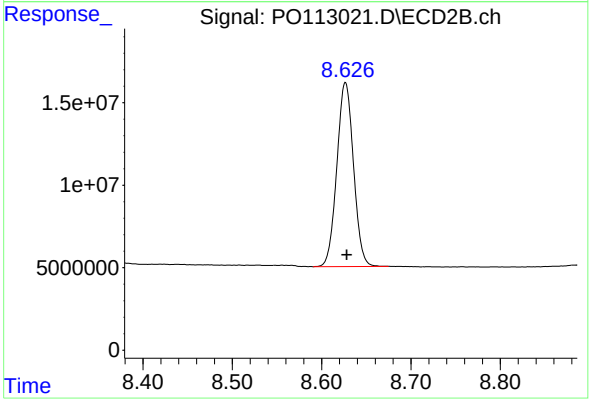
#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 380012693
Conc: 75.11 ng/ml



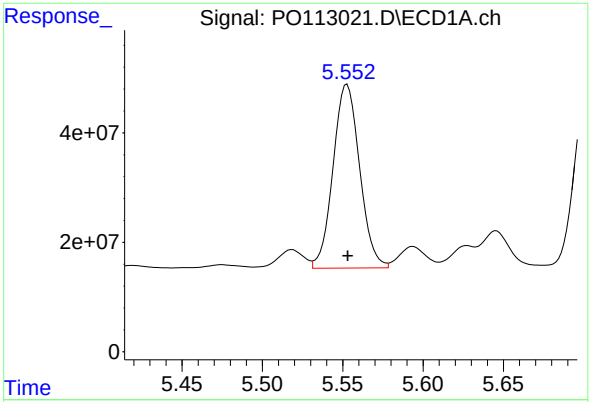
#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 549792144
Conc: 73.81 ng/ml



#2 Decachlorobiphenyl

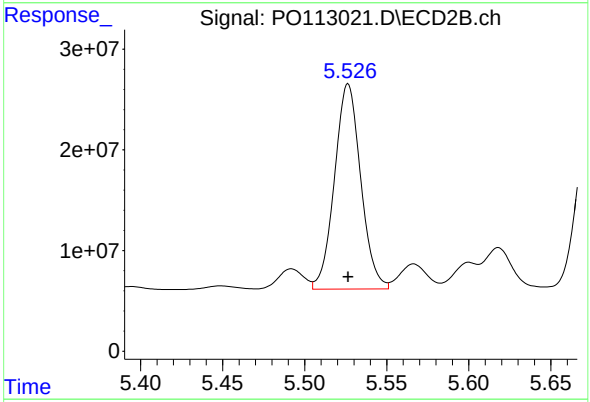
R.T.: 8.627 min
Delta R.T.: -0.002 min
Response: 144512738
Conc: 73.24 ng/ml



#26 AR-1254-1

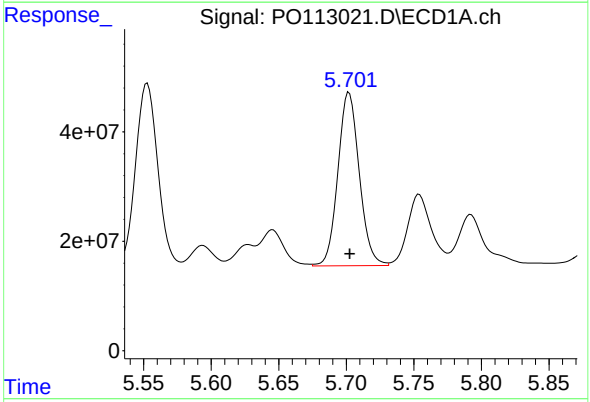
R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 386513606
Conc: 733.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



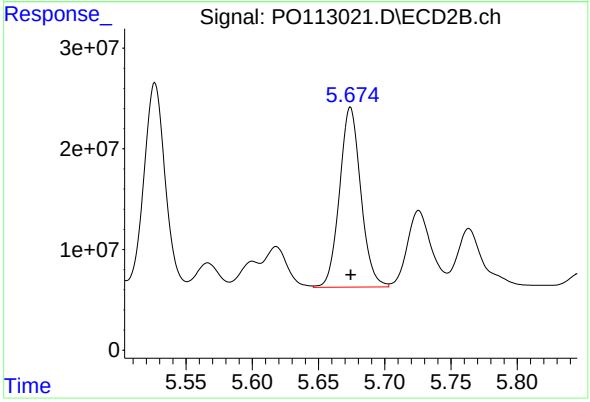
#26 AR-1254-1

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 227098377
Conc: 728.78 ng/ml



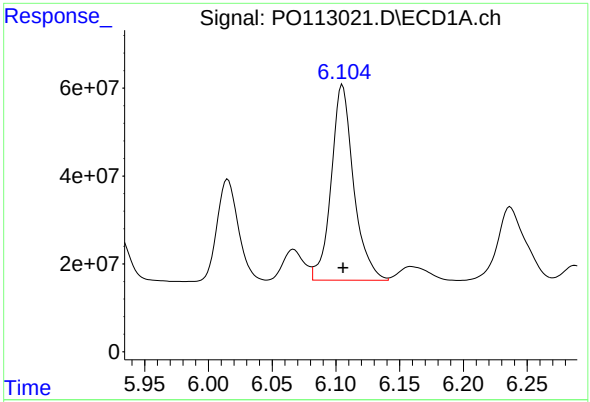
#27 AR-1254-2

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 348256178
Conc: 725.88 ng/ml



#27 AR-1254-2

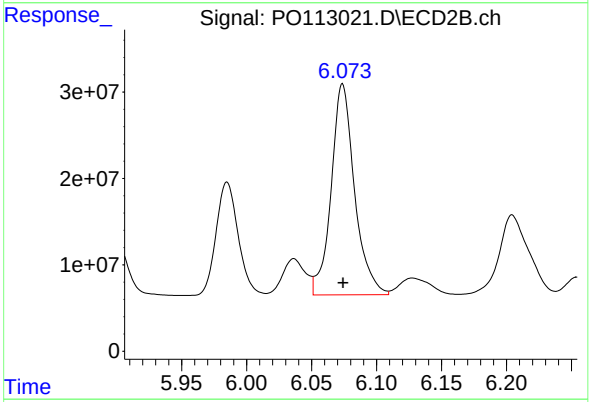
R.T.: 5.674 min
Delta R.T.: 0.000 min
Response: 199632081
Conc: 721.73 ng/ml



#28 AR-1254-3

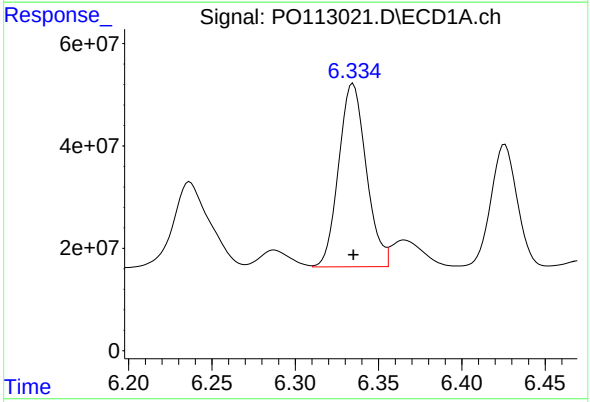
R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 545850148
Conc: 738.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



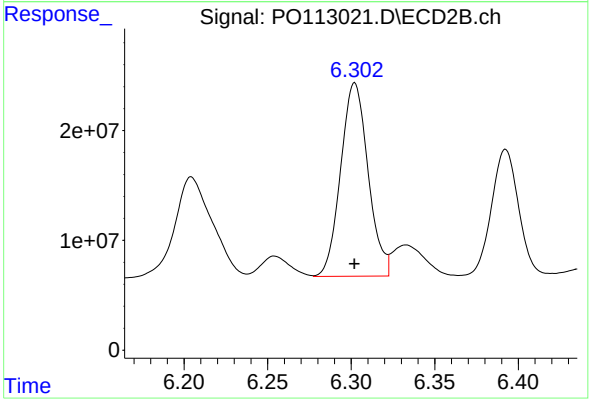
#28 AR-1254-3

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 305982866
Conc: 735.46 ng/ml



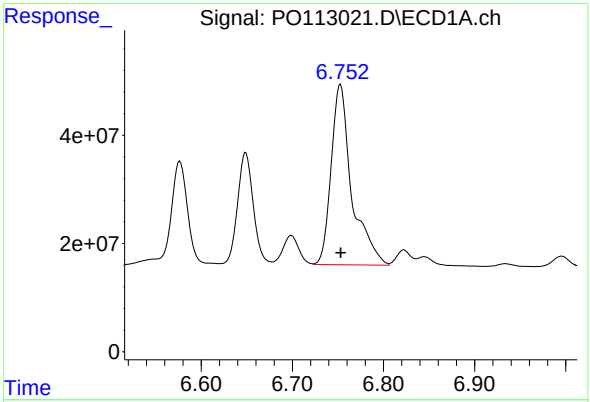
#29 AR-1254-4

R.T.: 6.335 min
Delta R.T.: 0.000 min
Response: 411413856
Conc: 743.73 ng/ml



#29 AR-1254-4

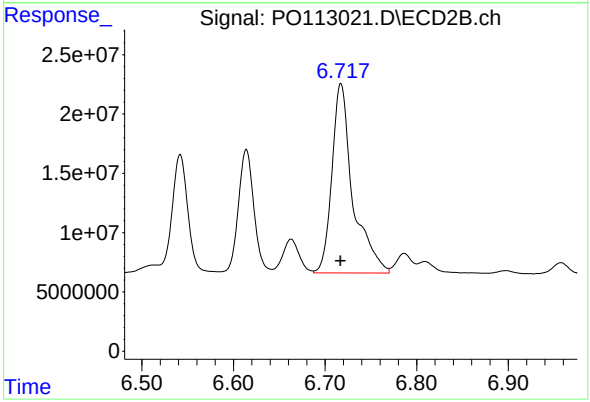
R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 201474435
Conc: 736.39 ng/ml



#30 AR-1254-5

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 523409354
Conc: 745.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



#30 AR-1254-5

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 253444422
Conc: 720.99 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113022.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 15:41
Operator : YP/AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:26:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:25:15 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...	3.664	3.655	415.8E6	253.0E6	50.000	50.000
2)	SA Decachlor...	8.682	8.628	372.4E6	98659064	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	5.553	5.526	263.6E6	155.8E6	500.000	500.000
27)	L6 AR-1254-2	5.703	5.674	239.9E6	138.3E6	500.000	500.000
28)	L6 AR-1254-3	6.106	6.074	369.4E6	208.0E6	500.000	500.000
29)	L6 AR-1254-4	6.335	6.302	276.6E6	136.8E6	500.000	500.000
30)	L6 AR-1254-5	6.753	6.717	351.0E6	175.8E6	500.000	500.000

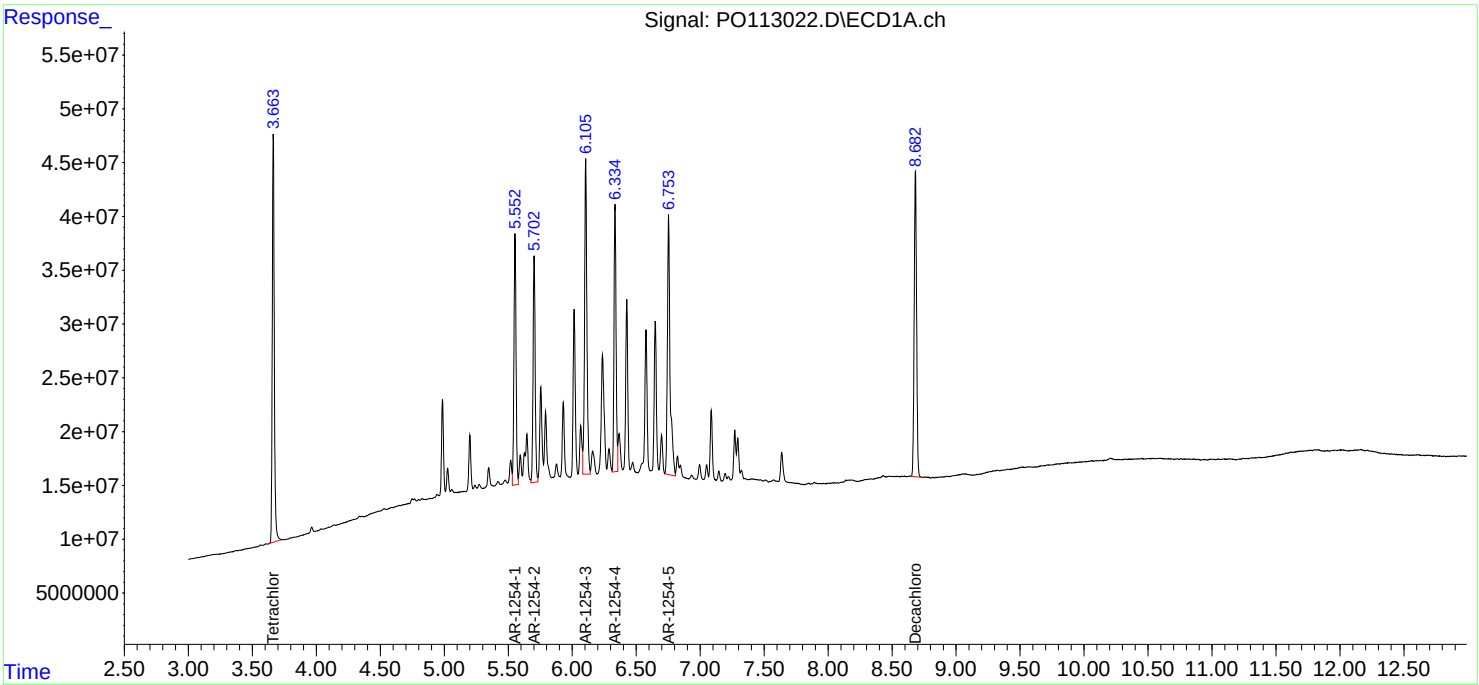
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

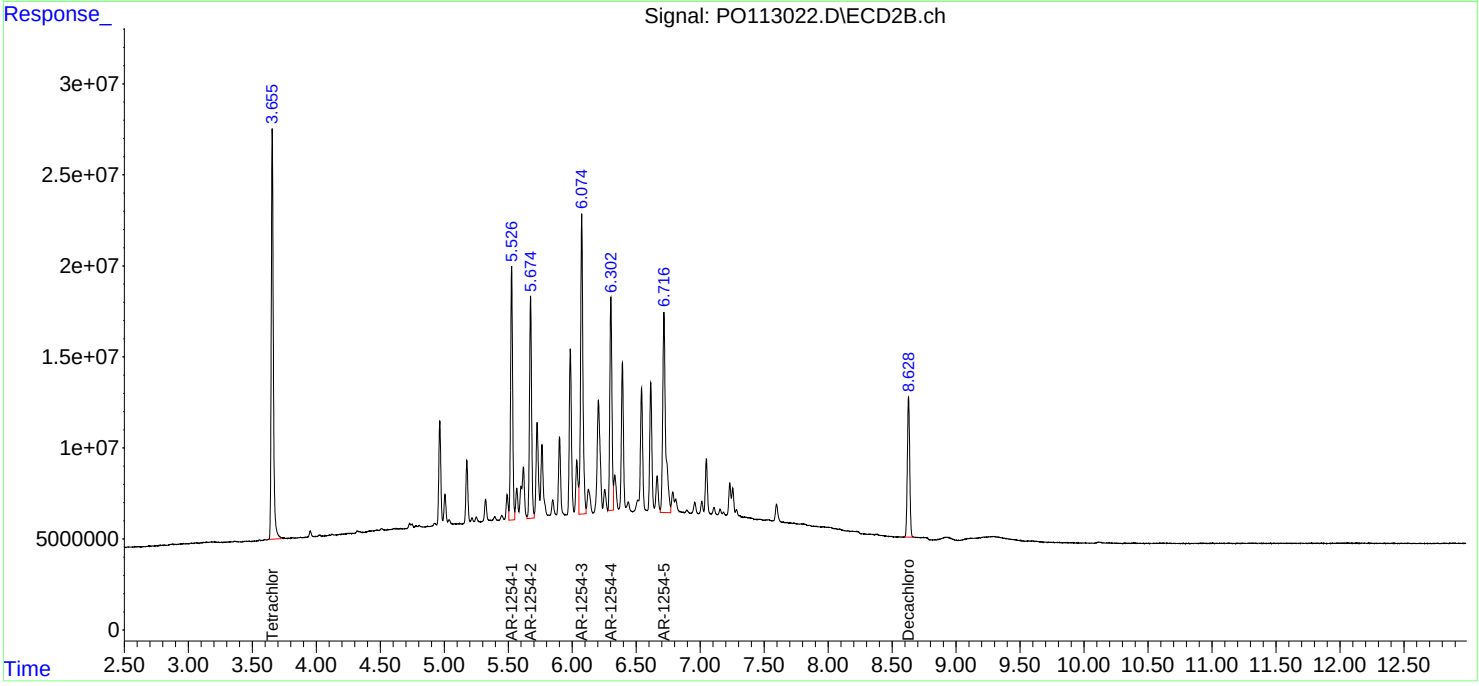
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113022.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 15:41
Operator : YP/AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

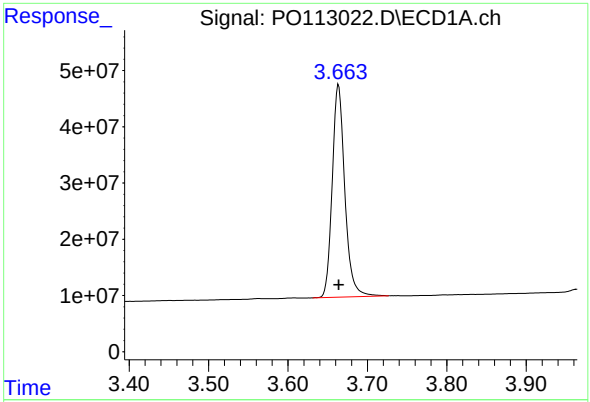
Instrument :
ECD_O
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:26:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:25:15 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



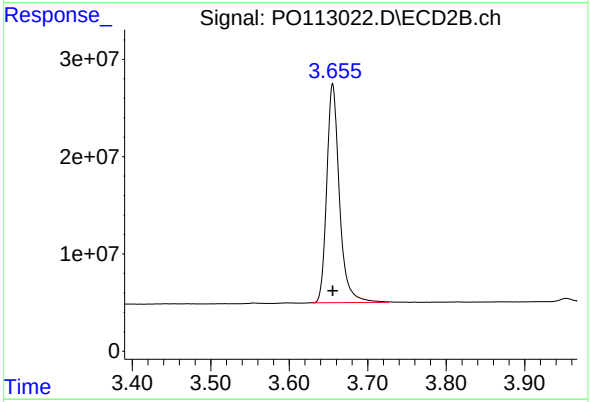




#1 Tetrachloro-m-xylene

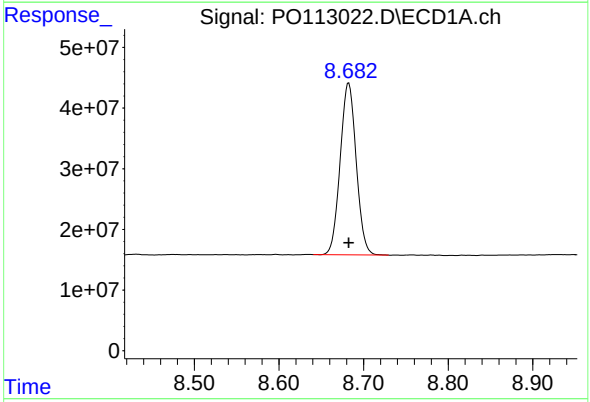
R.T.: 3.664 min
Delta R.T.: 0.000 min
Response: 415824456
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



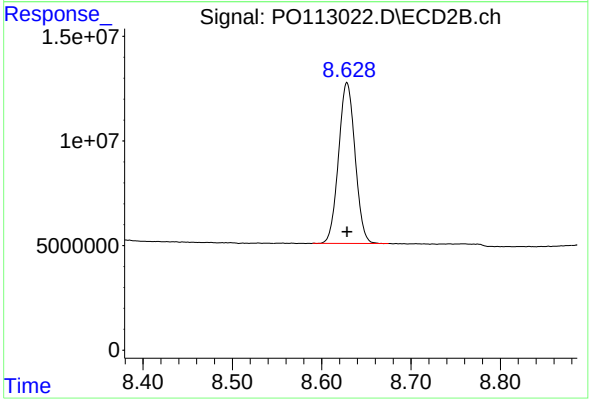
#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 252956430
Conc: 50.00 ng/ml



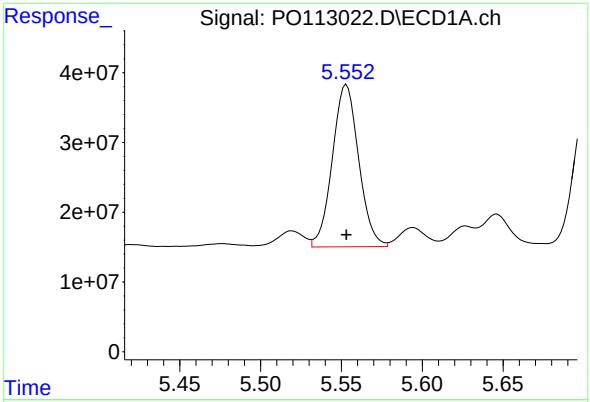
#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 372435746
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

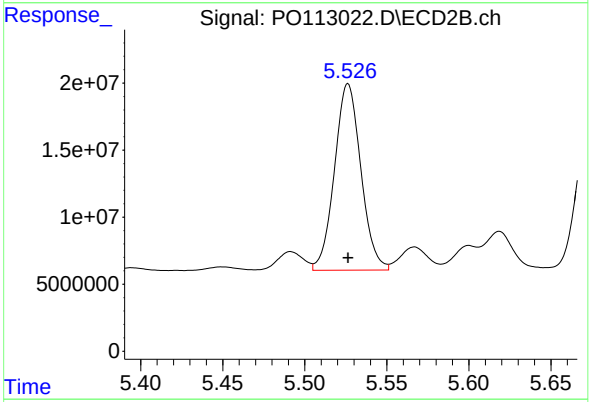
R.T.: 8.628 min
Delta R.T.: 0.000 min
Response: 98659064
Conc: 50.00 ng/ml



#26 AR-1254-1

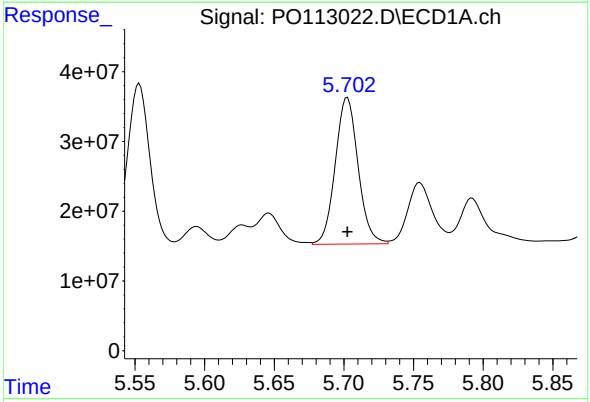
R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 263580735
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



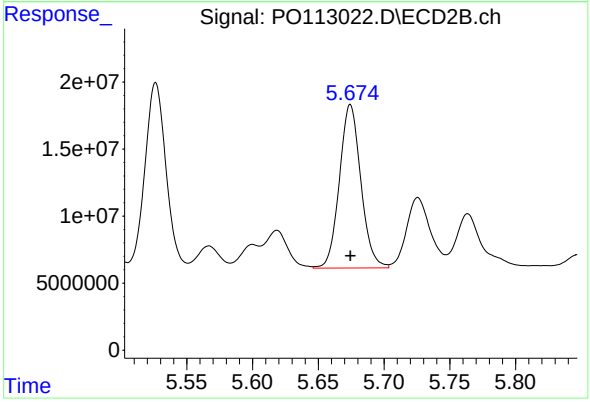
#26 AR-1254-1

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 155806437
Conc: 500.00 ng/ml



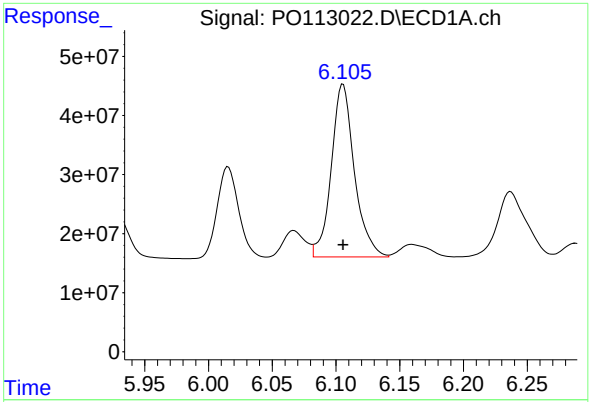
#27 AR-1254-2

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 239886505
Conc: 500.00 ng/ml



#27 AR-1254-2

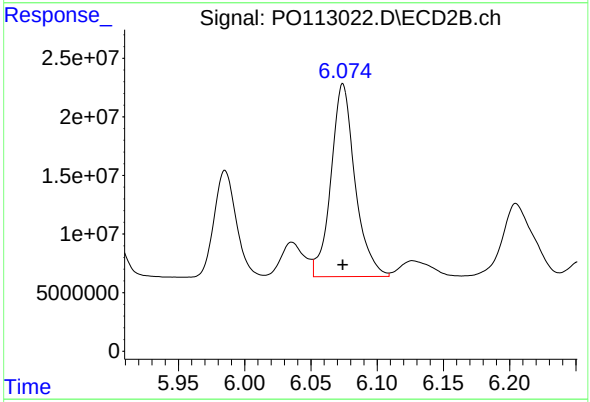
R.T.: 5.674 min
Delta R.T.: 0.000 min
Response: 138301762
Conc: 500.00 ng/ml



#28 AR-1254-3

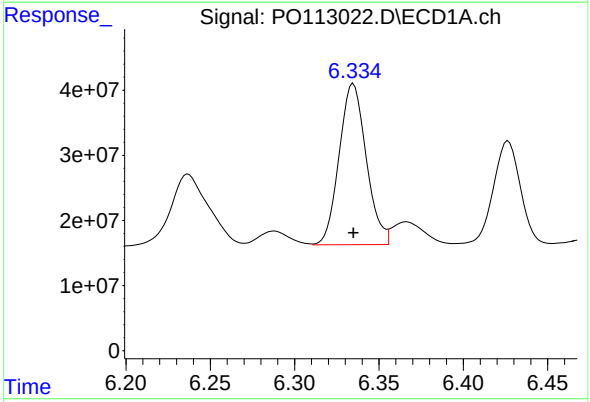
R.T.: 6.106 min
Delta R.T.: 0.000 min
Response: 369408964
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



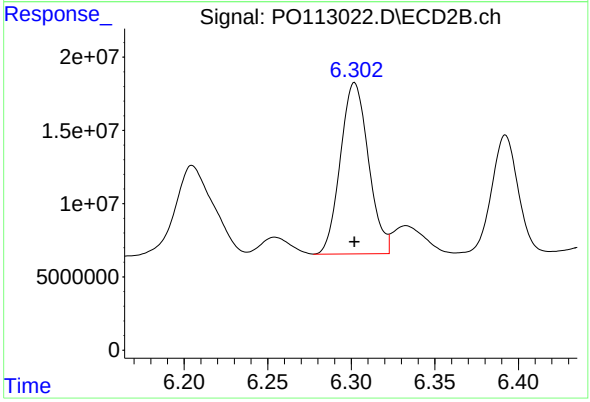
#28 AR-1254-3

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 208021775
Conc: 500.00 ng/ml



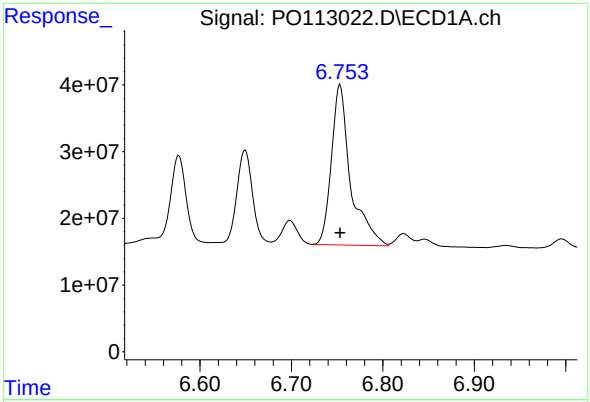
#29 AR-1254-4

R.T.: 6.335 min
Delta R.T.: 0.000 min
Response: 276589351
Conc: 500.00 ng/ml



#29 AR-1254-4

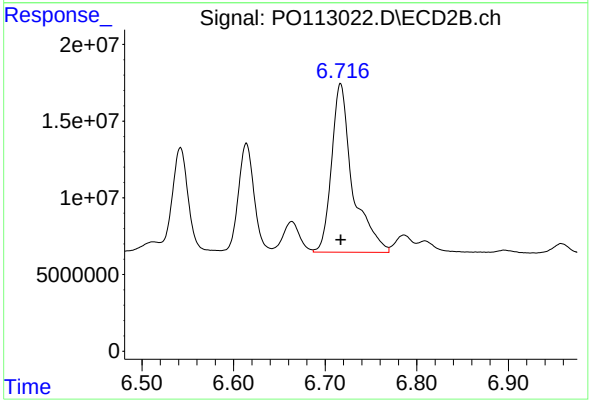
R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 136799454
Conc: 500.00 ng/ml



#30 AR-1254-5

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 351010748
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



#30 AR-1254-5

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 175760656
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113023.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 16:00
Operator : YP/AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:27:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:25:15 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...	3.664	3.655	214.7E6	131.0E6	25.812	25.901
2)	SA Decachlor...	8.683	8.628	190.8E6	50985128	25.612	25.839
	Target Compounds						
26)	L6 AR-1254-1	5.552	5.526	140.8E6	84054640	267.180	269.741
27)	L6 AR-1254-2	5.702	5.674	128.2E6	75903732	267.296	274.413
28)	L6 AR-1254-3	6.105	6.074	194.5E6	111.6E6	263.210	268.245
29)	L6 AR-1254-4	6.335	6.301	144.8E6	72285443	261.698	264.202
30)	L6 AR-1254-5	6.753	6.717	185.2E6	92940208	263.747	264.394

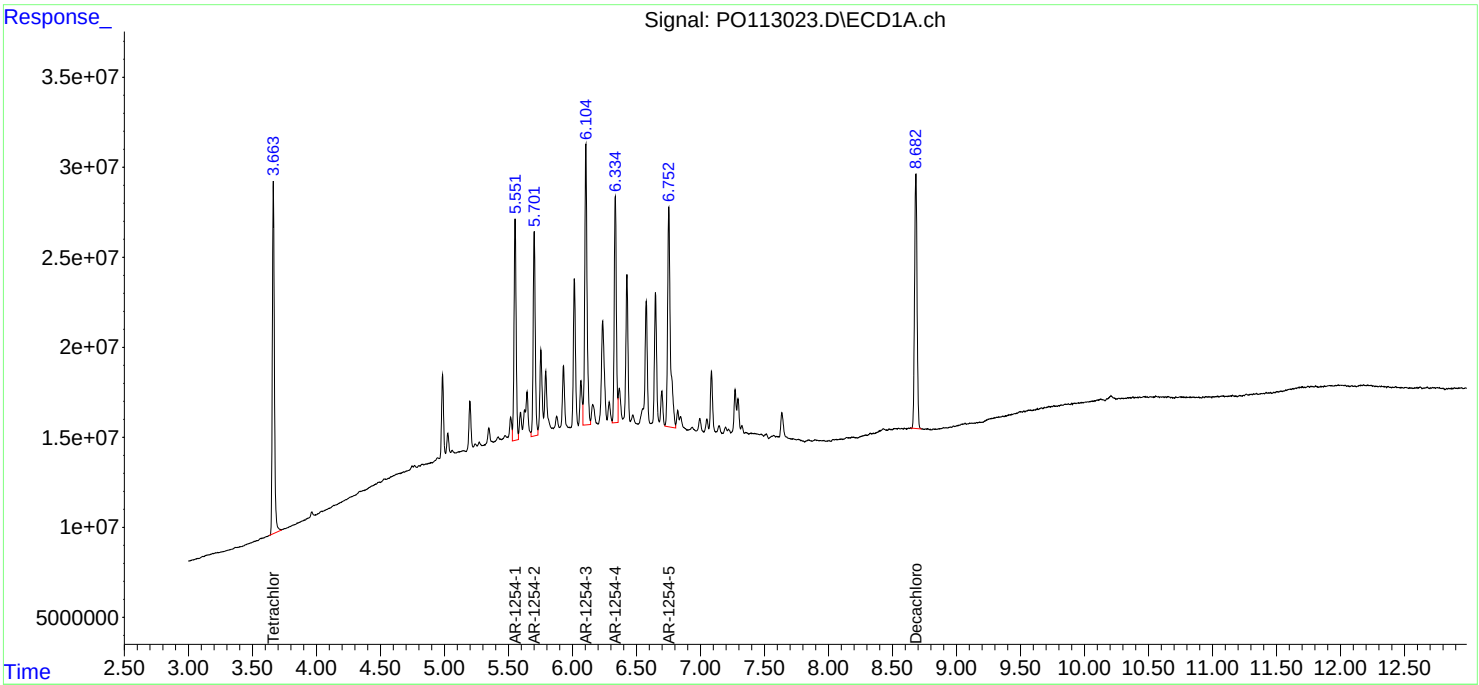
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

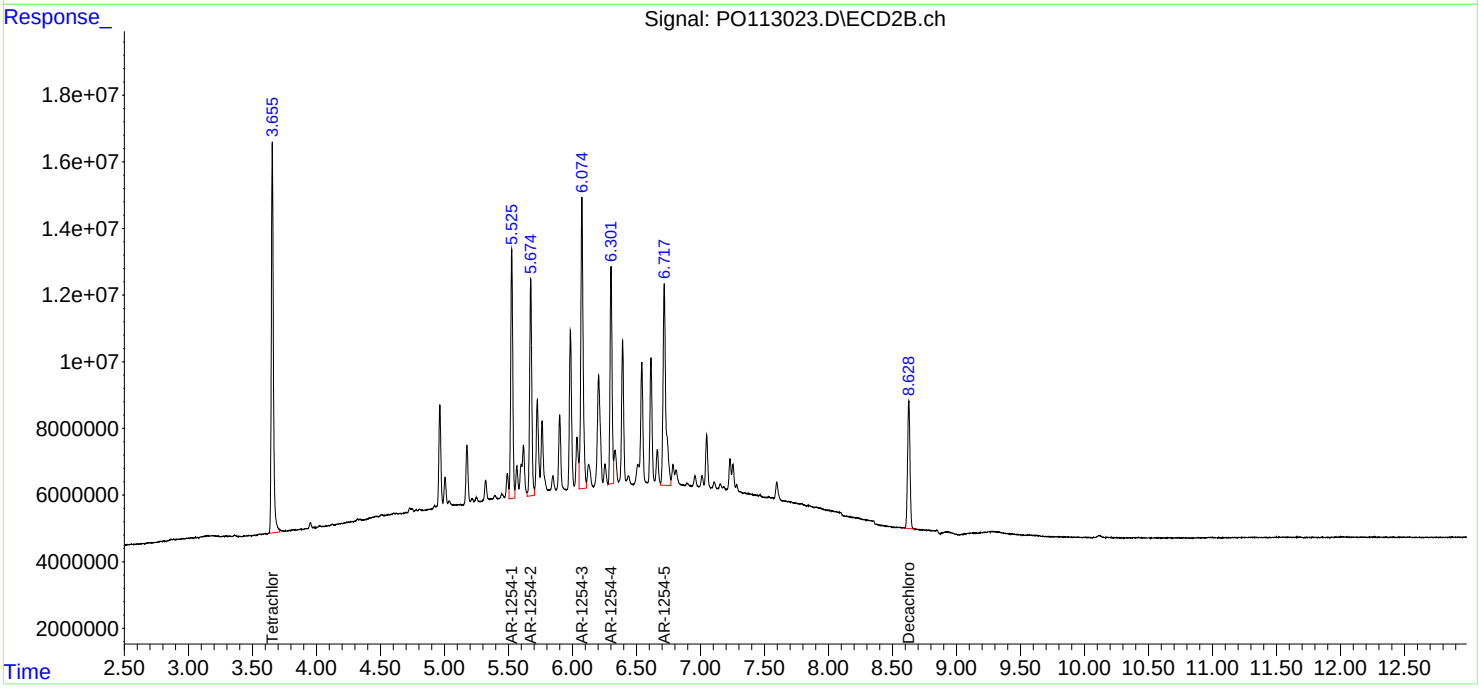
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113023.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 16:00
Operator : YP/AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

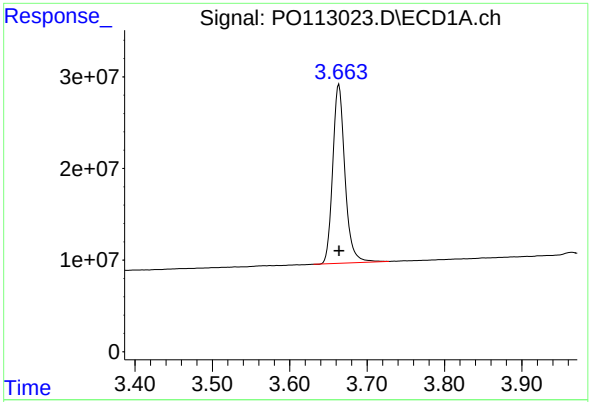
Instrument :
ECD_O
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:27:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:25:15 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



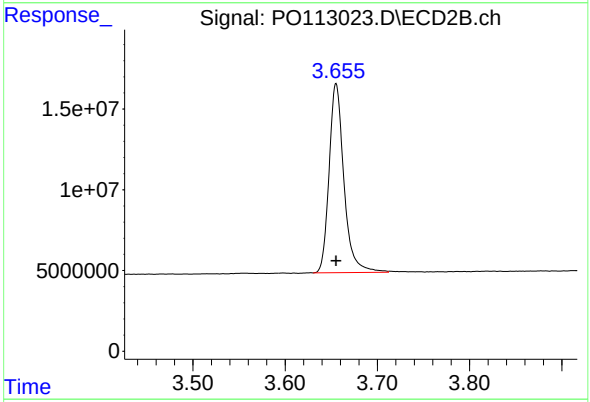




#1 Tetrachloro-m-xylene

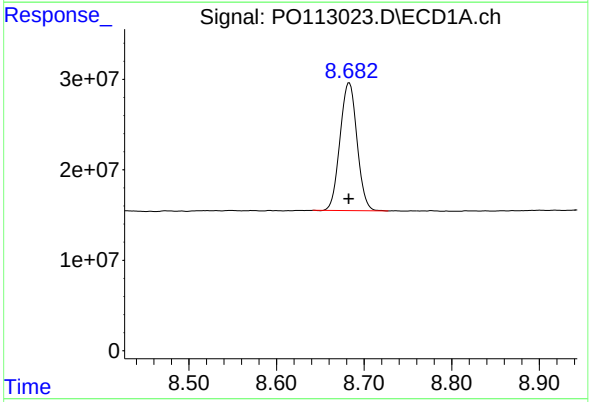
R.T.: 3.664 min
Delta R.T.: 0.000 min
Response: 214663784
Conc: 25.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



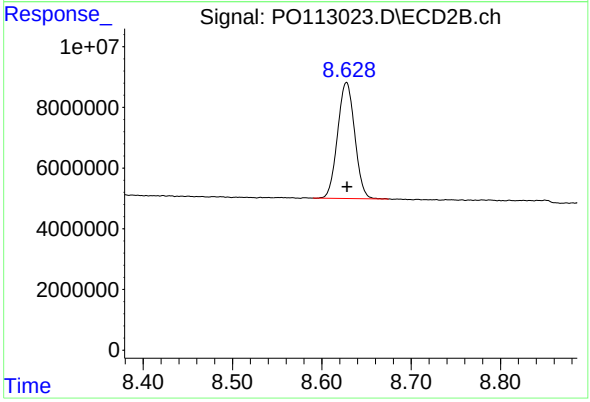
#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 131035629
Conc: 25.90 ng/ml



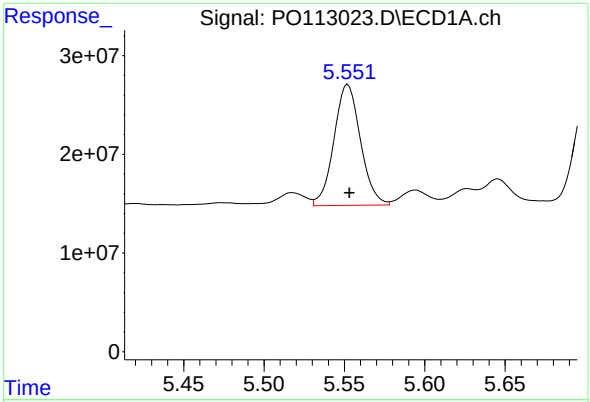
#2 Decachlorobiphenyl

R.T.: 8.683 min
Delta R.T.: 0.000 min
Response: 190774514
Conc: 25.61 ng/ml



#2 Decachlorobiphenyl

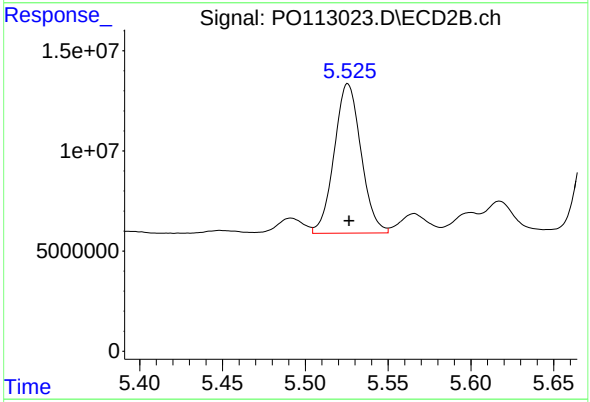
R.T.: 8.628 min
Delta R.T.: 0.000 min
Response: 50985128
Conc: 25.84 ng/ml



#26 AR-1254-1

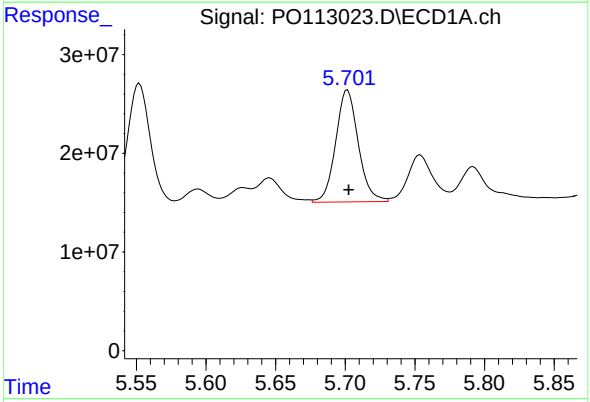
R.T.: 5.552 min
Delta R.T.: 0.000 min
Response: 140847199
Conc: 267.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



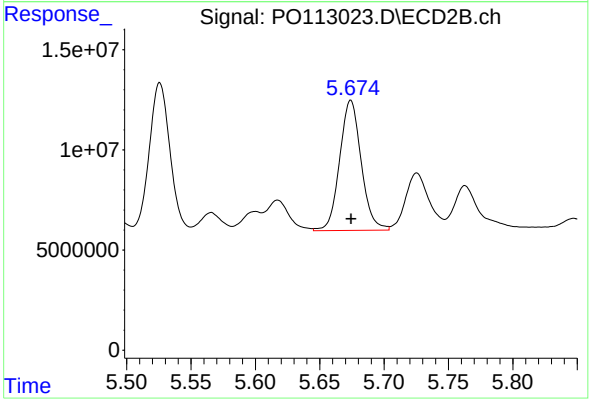
#26 AR-1254-1

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 84054640
Conc: 269.74 ng/ml



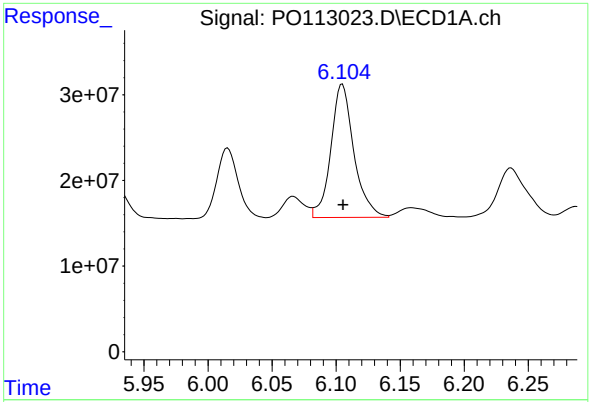
#27 AR-1254-2

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 128241350
Conc: 267.30 ng/ml



#27 AR-1254-2

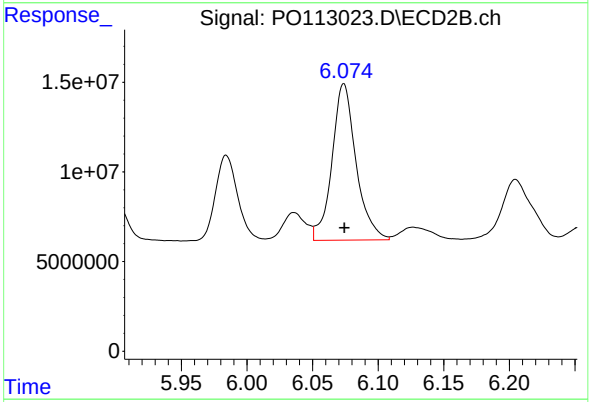
R.T.: 5.674 min
Delta R.T.: 0.000 min
Response: 75903732
Conc: 274.41 ng/ml



#28 AR-1254-3

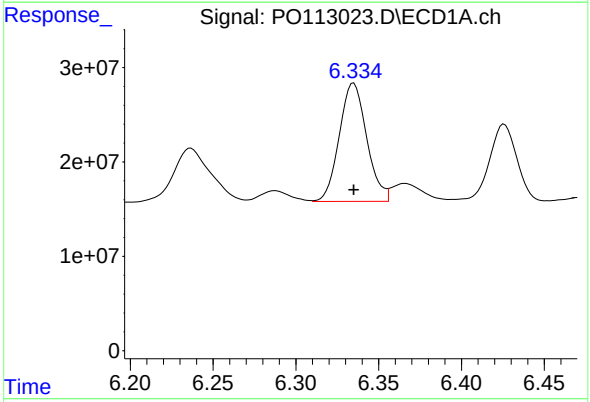
R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 194464185
Conc: 263.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



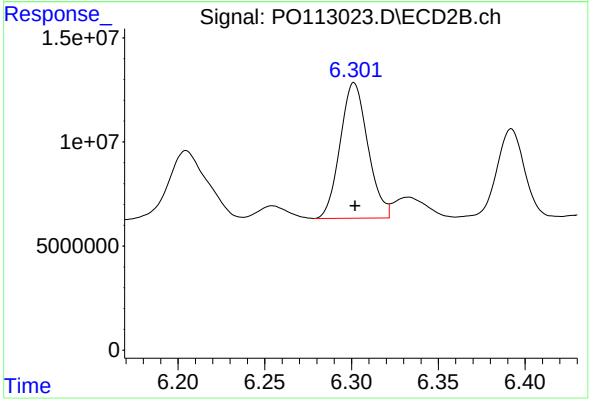
#28 AR-1254-3

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 111601418
Conc: 268.24 ng/ml



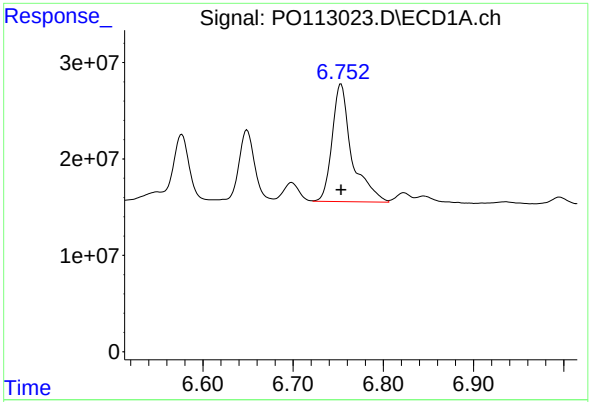
#29 AR-1254-4

R.T.: 6.335 min
Delta R.T.: 0.000 min
Response: 144765924
Conc: 261.70 ng/ml



#29 AR-1254-4

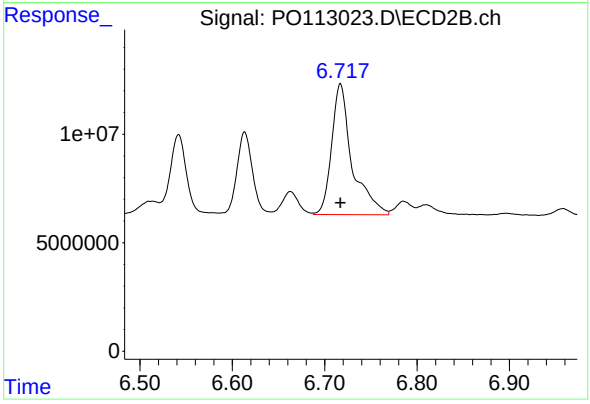
R.T.: 6.301 min
Delta R.T.: 0.000 min
Response: 72285443
Conc: 264.20 ng/ml



#30 AR-1254-5

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 185155971
Conc: 263.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



#30 AR-1254-5

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 92940208
Conc: 264.39 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113024.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 16:18
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:27:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:25:15 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...	3.663	3.655	36489191	23352844	4.388	4.616
2)	SA Decachlor...	8.682	8.627	33466642	9234843	4.493	4.680
	Target Compounds						
26)	L6 AR-1254-1	5.553	5.525	29721929	16864555	56.381	54.120m
27)	L6 AR-1254-2	5.702	5.673	27777860	15014303	57.898	54.281m
28)	L6 AR-1254-3	6.105	6.073	36941091	20976378	50.000	50.419m
29)	L6 AR-1254-4	6.335	6.302	28558766	14228719	51.627	52.006
30)	L6 AR-1254-5	6.753	6.717	33818216	20038217	48.173	57.004

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113024.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 16:18
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

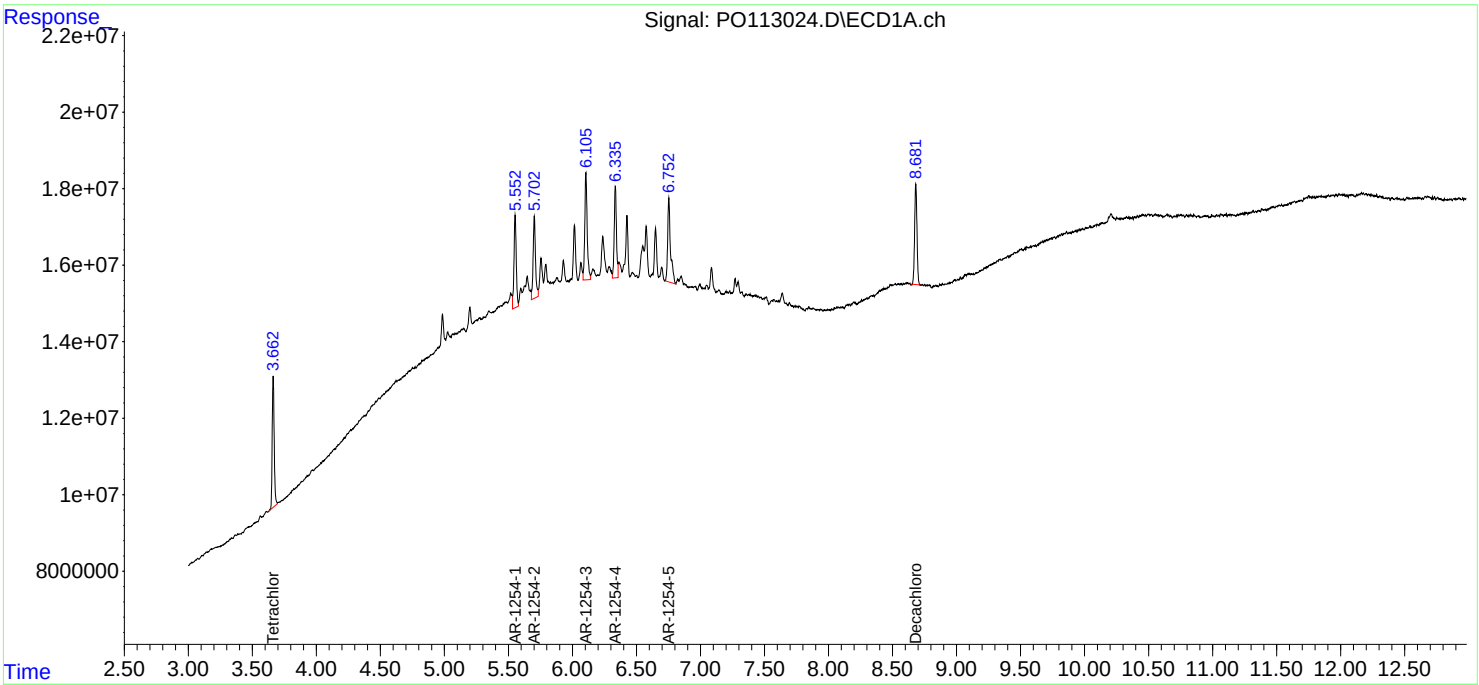
Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

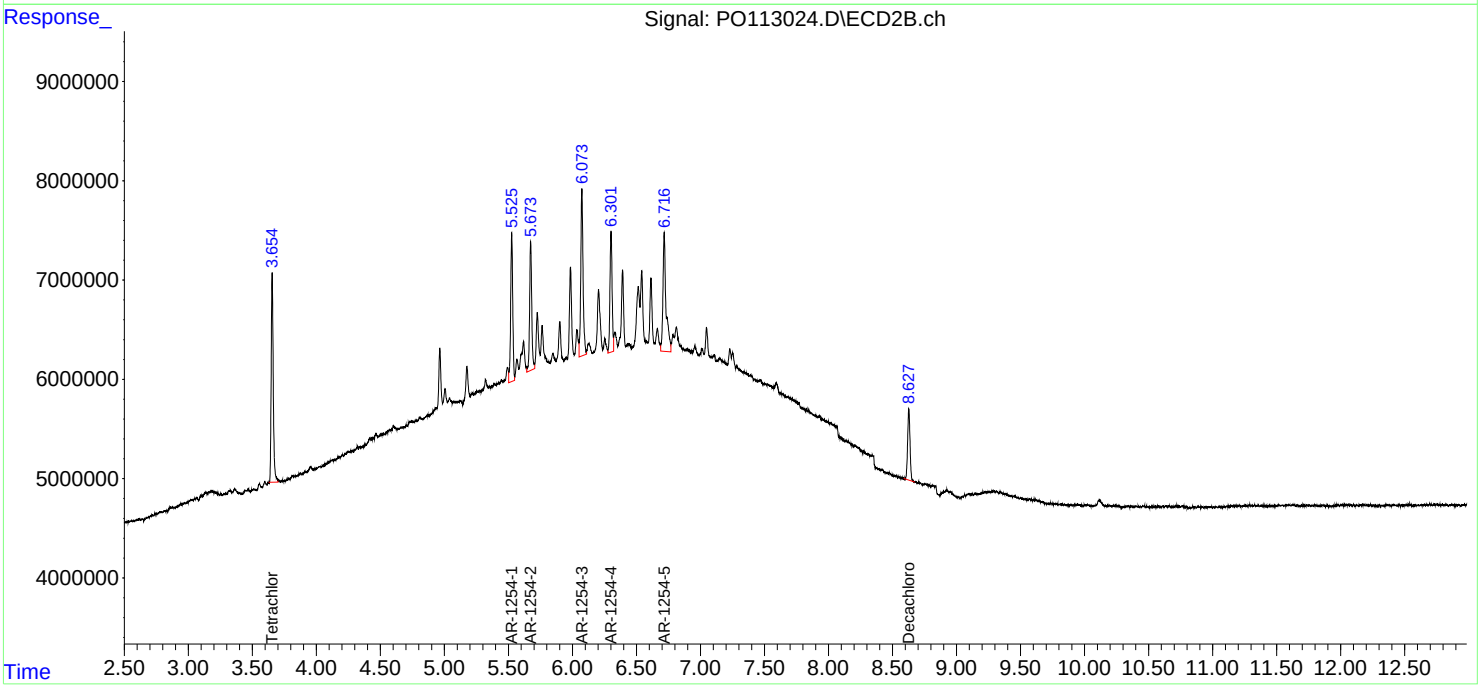
Manual Integrations APPROVED

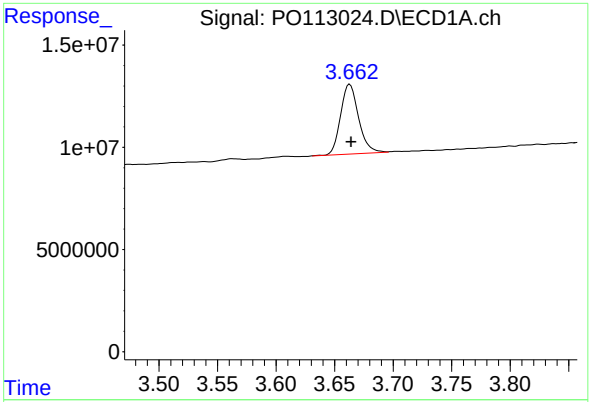
Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:27:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:25:15 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







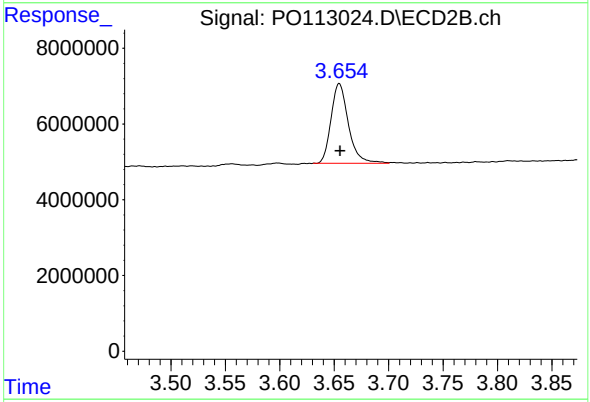
#1 Tetrachloro-m-xylene

R.T.: 3.663 min
Delta R.T.: -0.001 min
Response: 36489191
Conc: 4.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

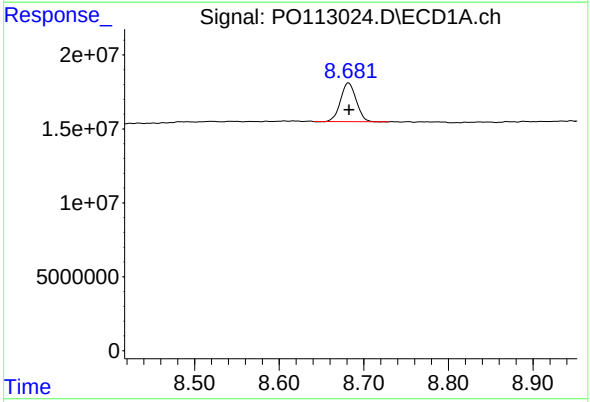
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



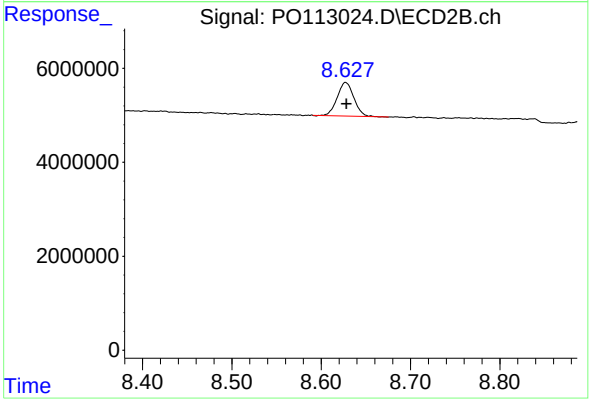
#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 23352844
Conc: 4.62 ng/ml



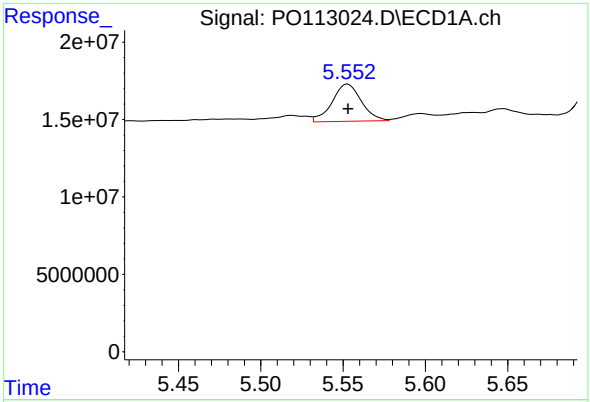
#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 33466642
Conc: 4.49 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.627 min
Delta R.T.: 0.000 min
Response: 9234843
Conc: 4.68 ng/ml



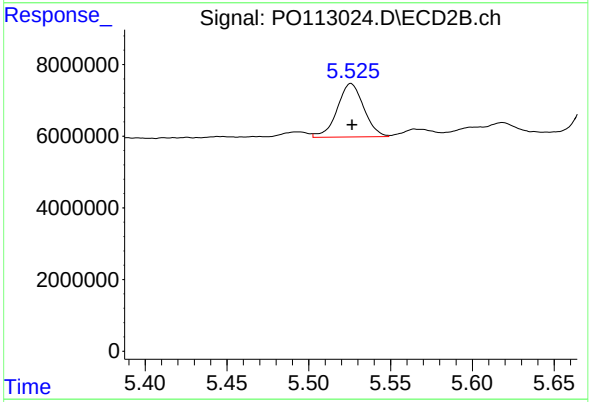
#26 AR-1254-1

R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 29721929
Conc: 56.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

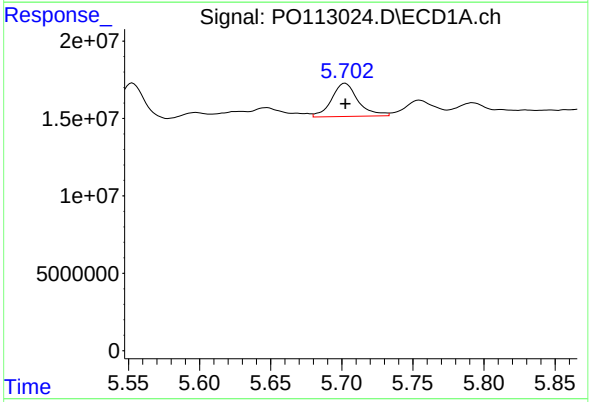
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



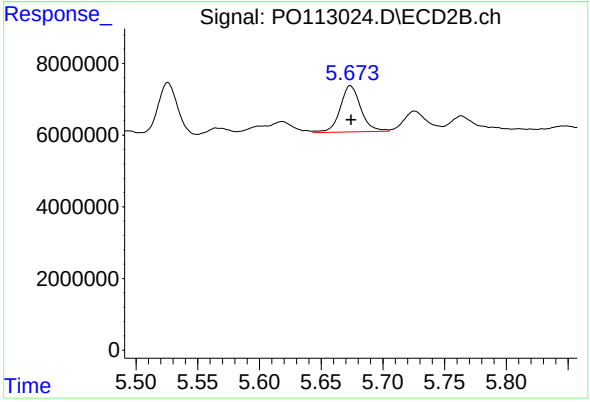
#26 AR-1254-1

R.T.: 5.525 min
Delta R.T.: 0.000 min
Response: 16864555
Conc: 54.12 ng/ml m



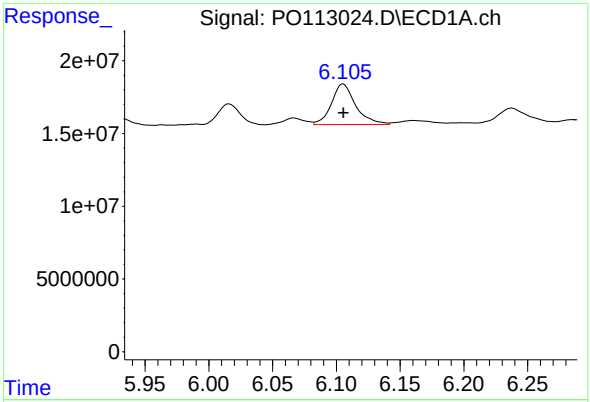
#27 AR-1254-2

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 27777860
Conc: 57.90 ng/ml



#27 AR-1254-2

R.T.: 5.673 min
Delta R.T.: -0.001 min
Response: 15014303
Conc: 54.28 ng/ml m



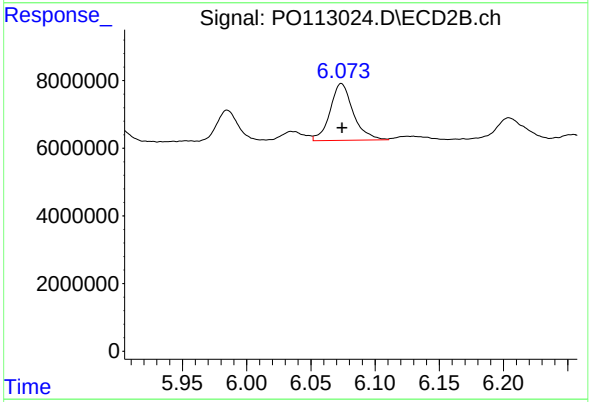
#28 AR-1254-3

R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 36941091
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

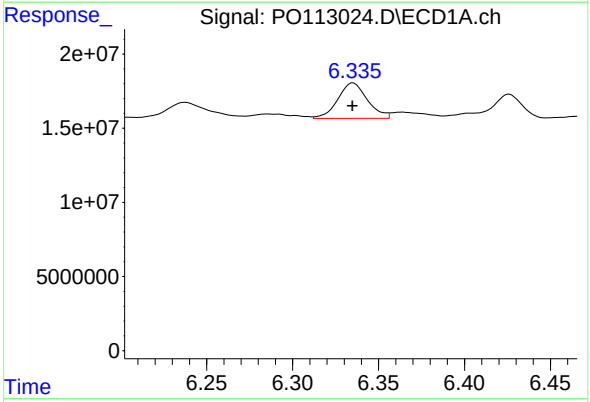
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



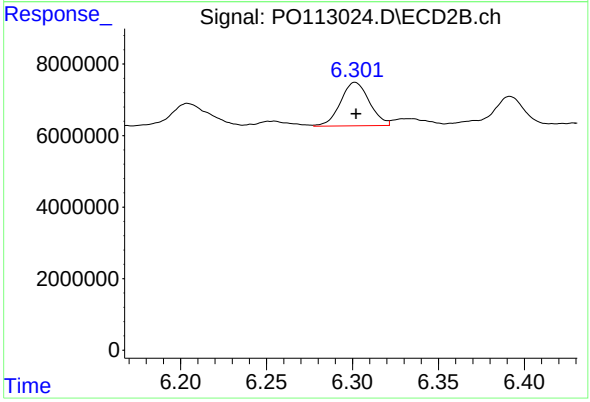
#28 AR-1254-3

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 20976378
Conc: 50.42 ng/ml m



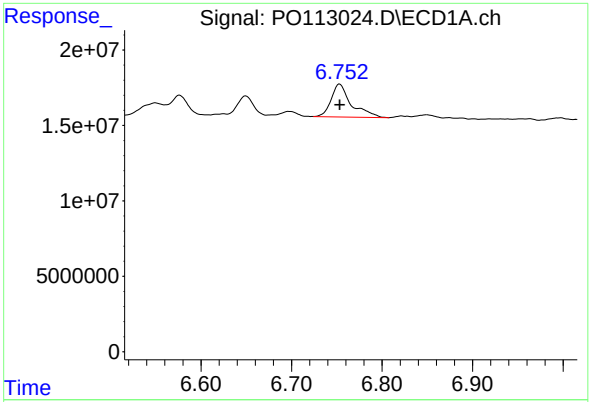
#29 AR-1254-4

R.T.: 6.335 min
Delta R.T.: 0.000 min
Response: 28558766
Conc: 51.63 ng/ml



#29 AR-1254-4

R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 14228719
Conc: 52.01 ng/ml



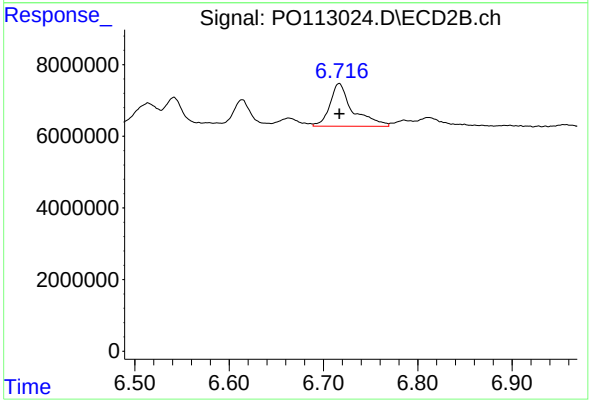
#30 AR-1254-5

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 33818216
Conc: 48.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



#30 AR-1254-5

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 20038217
Conc: 57.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113025.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 16:54
Operator : YP/AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:39:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:39:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.662	3.656	406.7E6	247.5E6	50.000	50.000
2)	SA Decachlor...	8.680	8.628	369.8E6	97697594	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	6.790	6.755	457.9E6	207.3E6	500.000	500.000
37)	L8 AR-1262-2	7.292	7.255	756.1E6	258.8E6	500.000	500.000
38)	L8 AR-1262-3	7.575	7.536	277.1E6	89795239	500.000	500.000
39)	L8 AR-1262-4	7.639	7.600	489.0E6	145.0E6	500.000	500.000
40)	L8 AR-1262-5	8.135	8.092	208.4E6	54165644	500.000	500.000

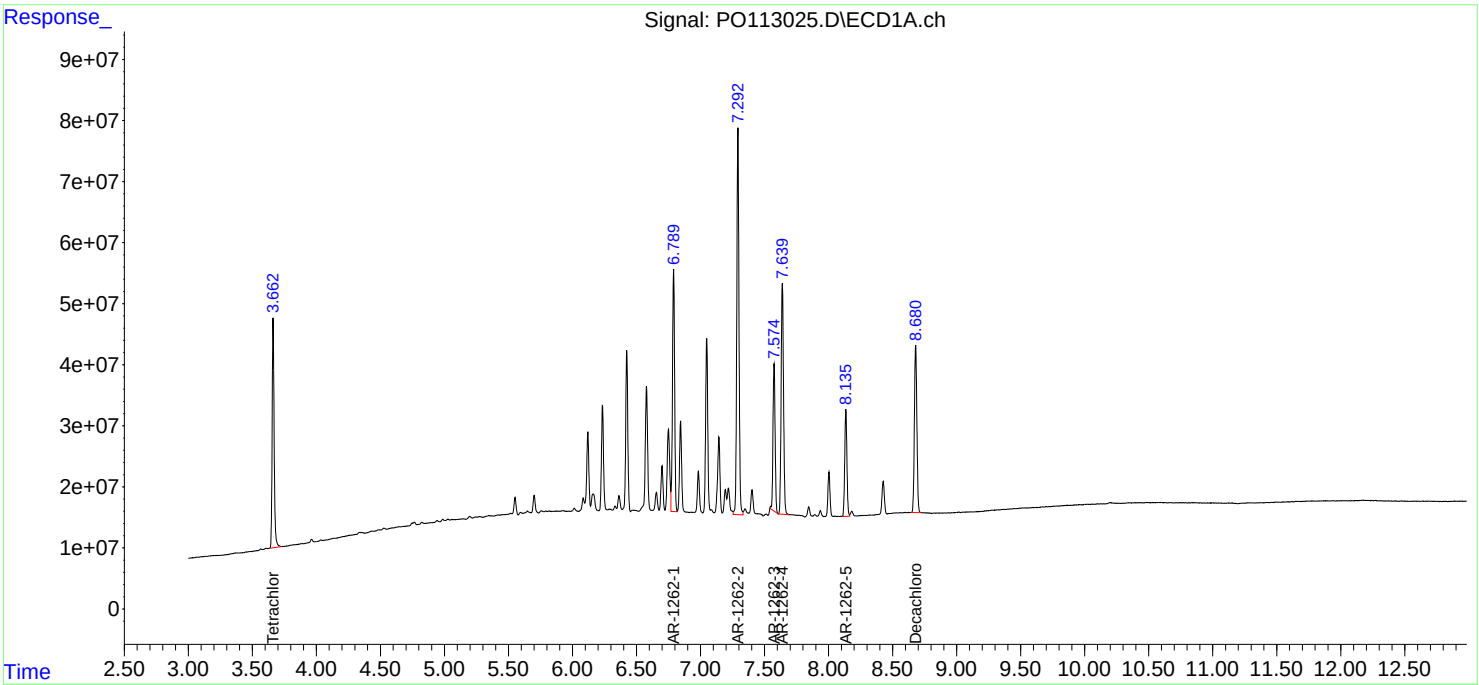
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

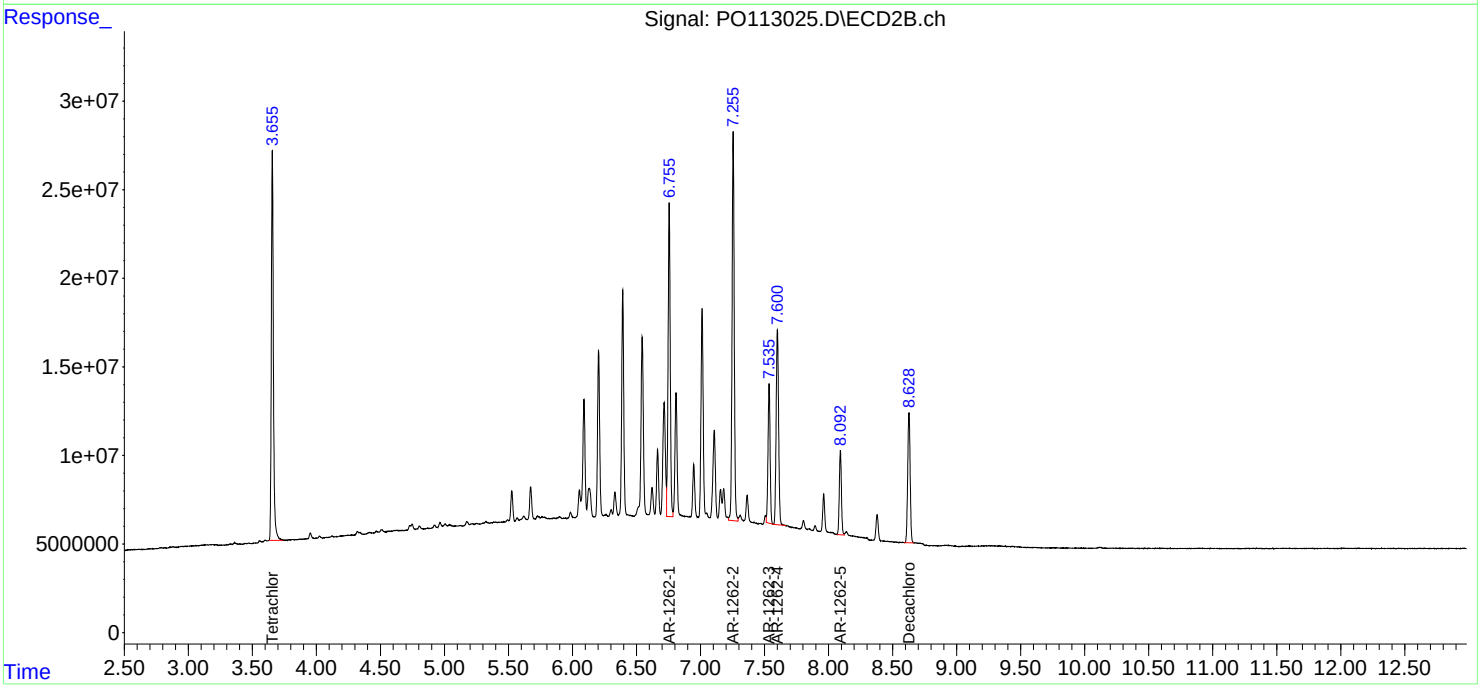
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113025.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 16:54
Operator : YP/AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

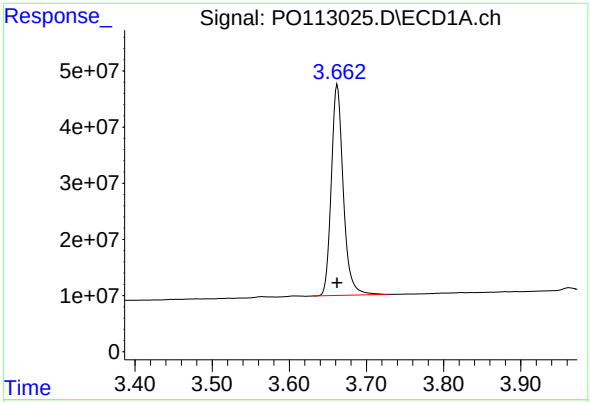
Instrument :
ECD_O
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:39:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:39:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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



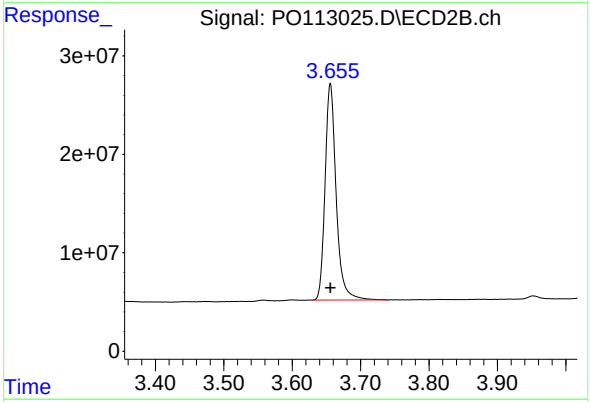




#1 Tetrachloro-m-xylene

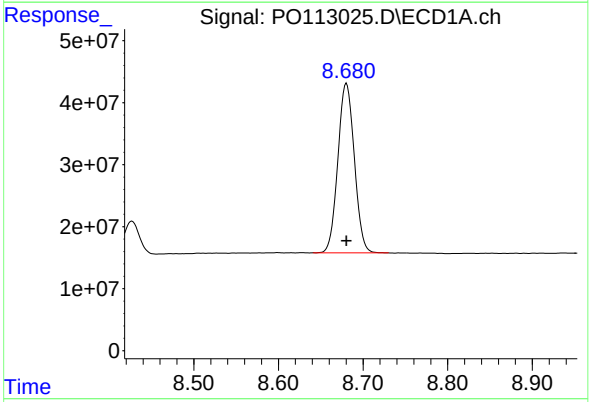
R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 406713208
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



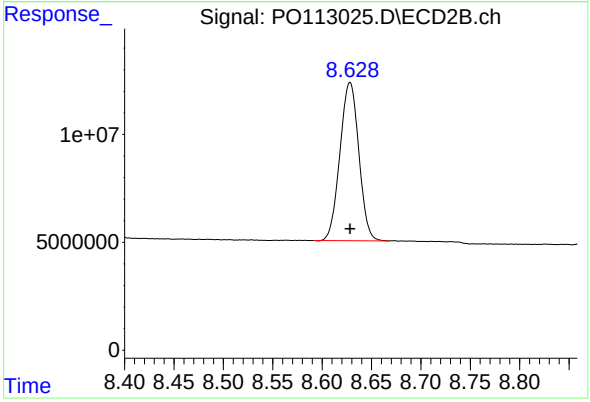
#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: 0.000 min
Response: 247504965
Conc: 50.00 ng/ml



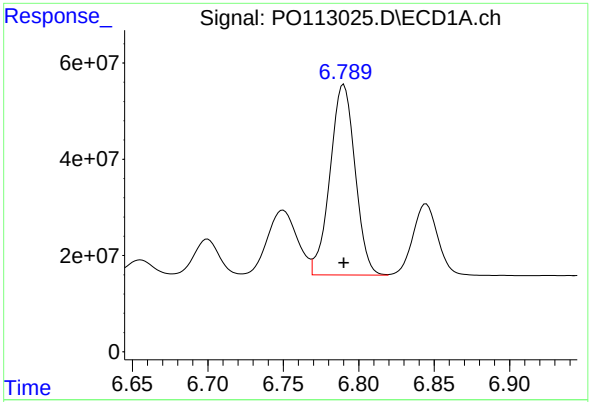
#2 Decachlorobiphenyl

R.T.: 8.680 min
Delta R.T.: 0.000 min
Response: 369793839
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

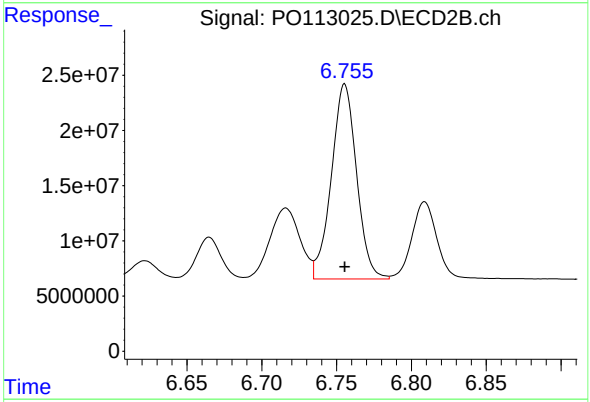
R.T.: 8.628 min
Delta R.T.: 0.000 min
Response: 97697594
Conc: 50.00 ng/ml



#36 AR-1262-1

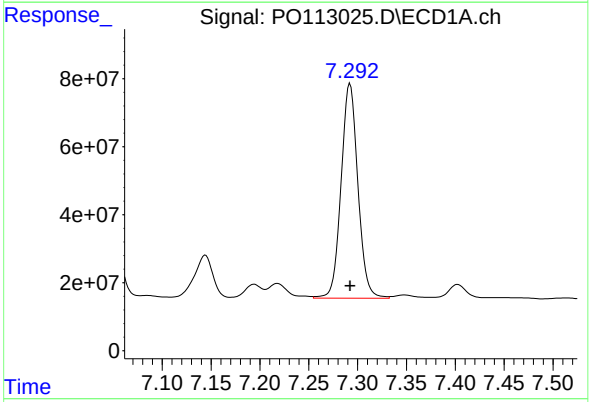
R.T.: 6.790 min
Delta R.T.: 0.000 min
Response: 457881599
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



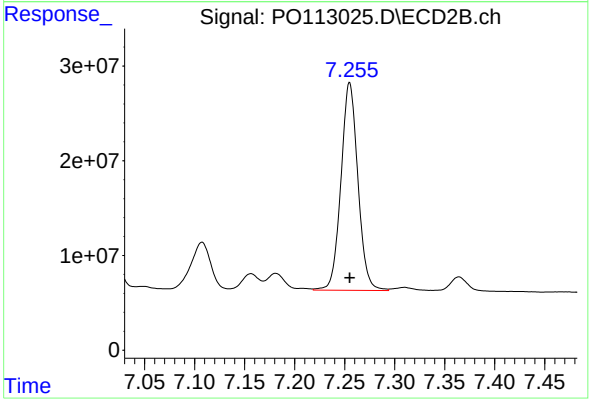
#36 AR-1262-1

R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 207307096
Conc: 500.00 ng/ml



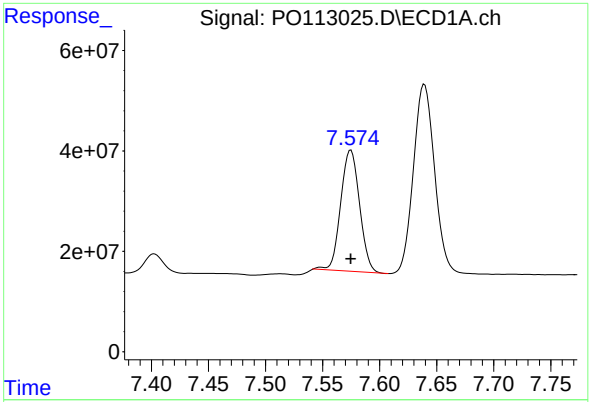
#37 AR-1262-2

R.T.: 7.292 min
Delta R.T.: 0.000 min
Response: 756077574
Conc: 500.00 ng/ml



#37 AR-1262-2

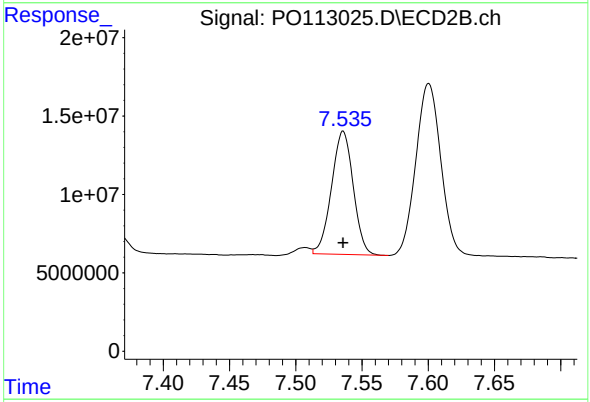
R.T.: 7.255 min
Delta R.T.: 0.000 min
Response: 258835191
Conc: 500.00 ng/ml



#38 AR-1262-3

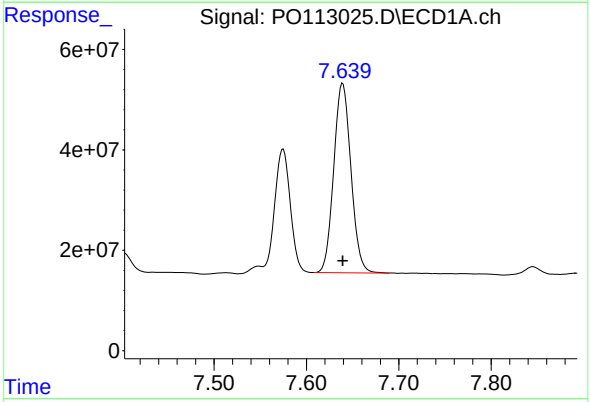
R.T.: 7.575 min
Delta R.T.: 0.000 min
Response: 277053638
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



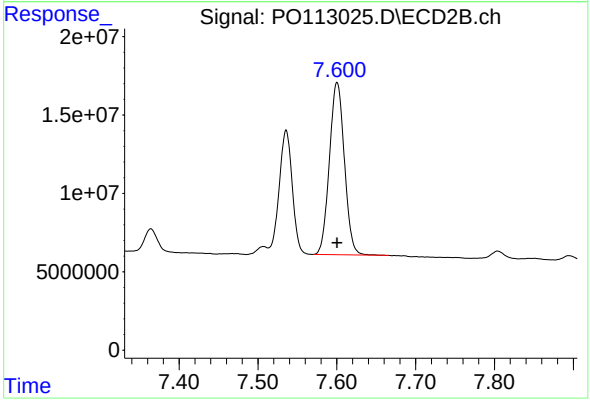
#38 AR-1262-3

R.T.: 7.536 min
Delta R.T.: 0.000 min
Response: 89795239
Conc: 500.00 ng/ml



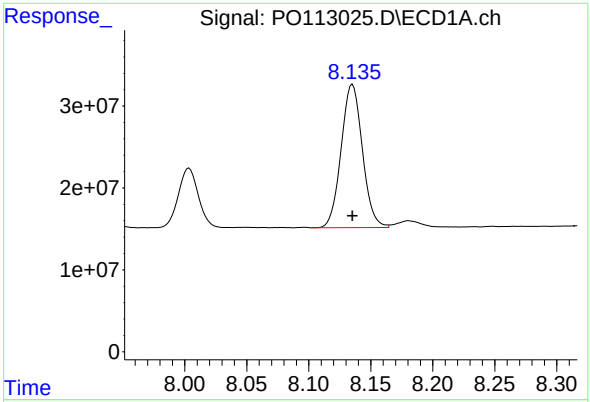
#39 AR-1262-4

R.T.: 7.639 min
Delta R.T.: 0.000 min
Response: 488984166
Conc: 500.00 ng/ml



#39 AR-1262-4

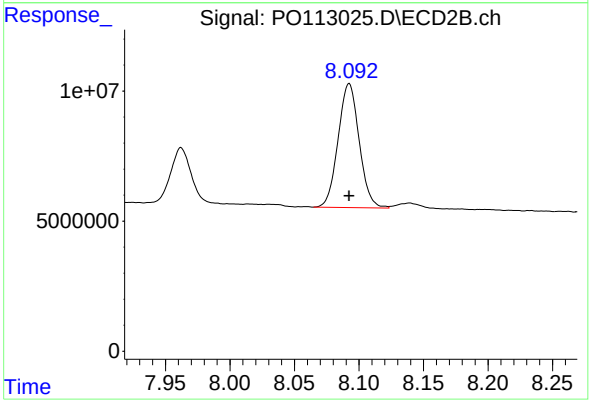
R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 144950632
Conc: 500.00 ng/ml



#40 AR-1262-5

R.T.: 8.135 min
Delta R.T.: 0.000 min
Response: 208439165
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



#40 AR-1262-5

R.T.: 8.092 min
Delta R.T.: 0.000 min
Response: 54165644
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113026.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 17:12
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:48:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:48:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.664	3.656	838.3E6	509.2E6	98.889	99.430
2)	SA Decachlor...	8.682	8.627	1357.3E6	346.9E6	97.480	96.565
	Target Compounds						
41)	L9 AR-1268-1	7.577	7.537	1761.0E6	505.3E6	976.230	954.513
42)	L9 AR-1268-2	7.642	7.602	1477.2E6	411.8E6	973.638	954.016
43)	L9 AR-1268-3	7.846	7.805	1233.6E6	321.7E6	970.801	947.705
44)	L9 AR-1268-4	8.137	8.092	475.8E6	120.3E6	998.193	977.393
45)	L9 AR-1268-5	8.428	8.379	3340.5E6	793.7E6	996.727	976.596

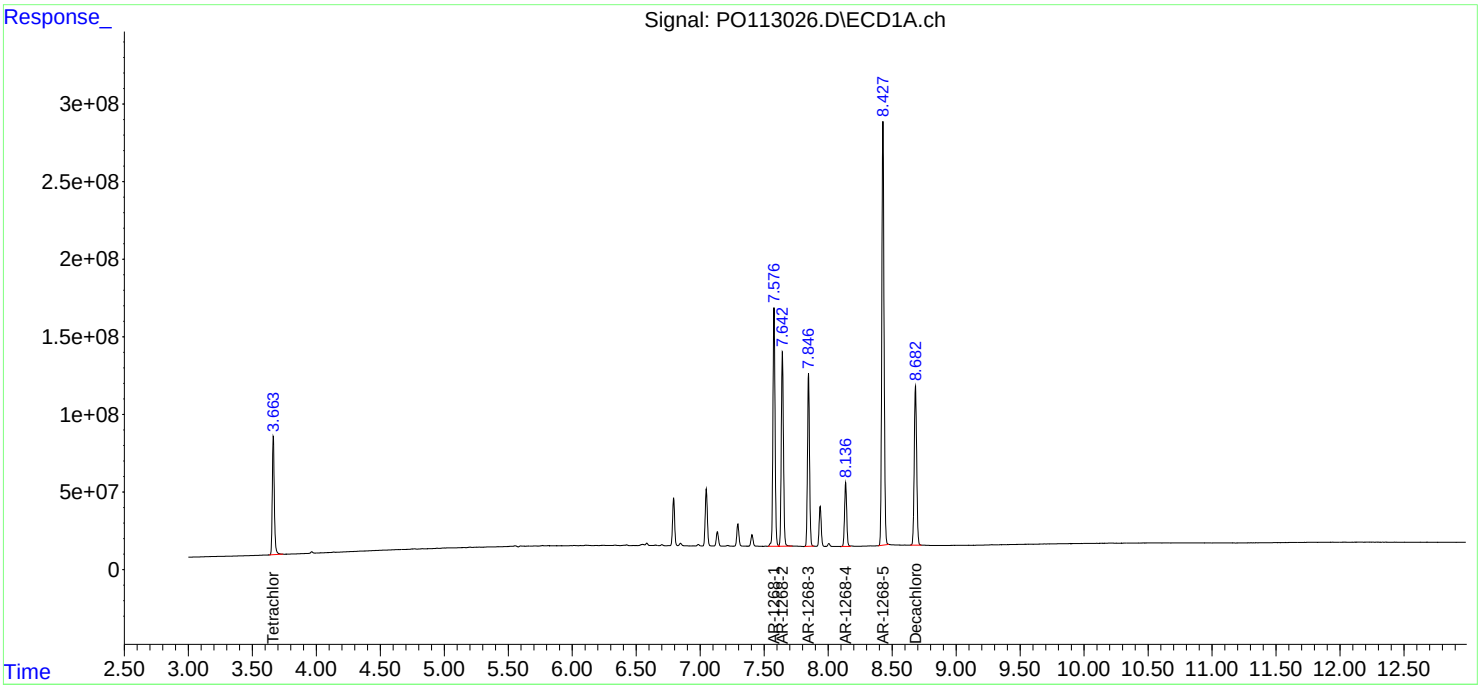
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

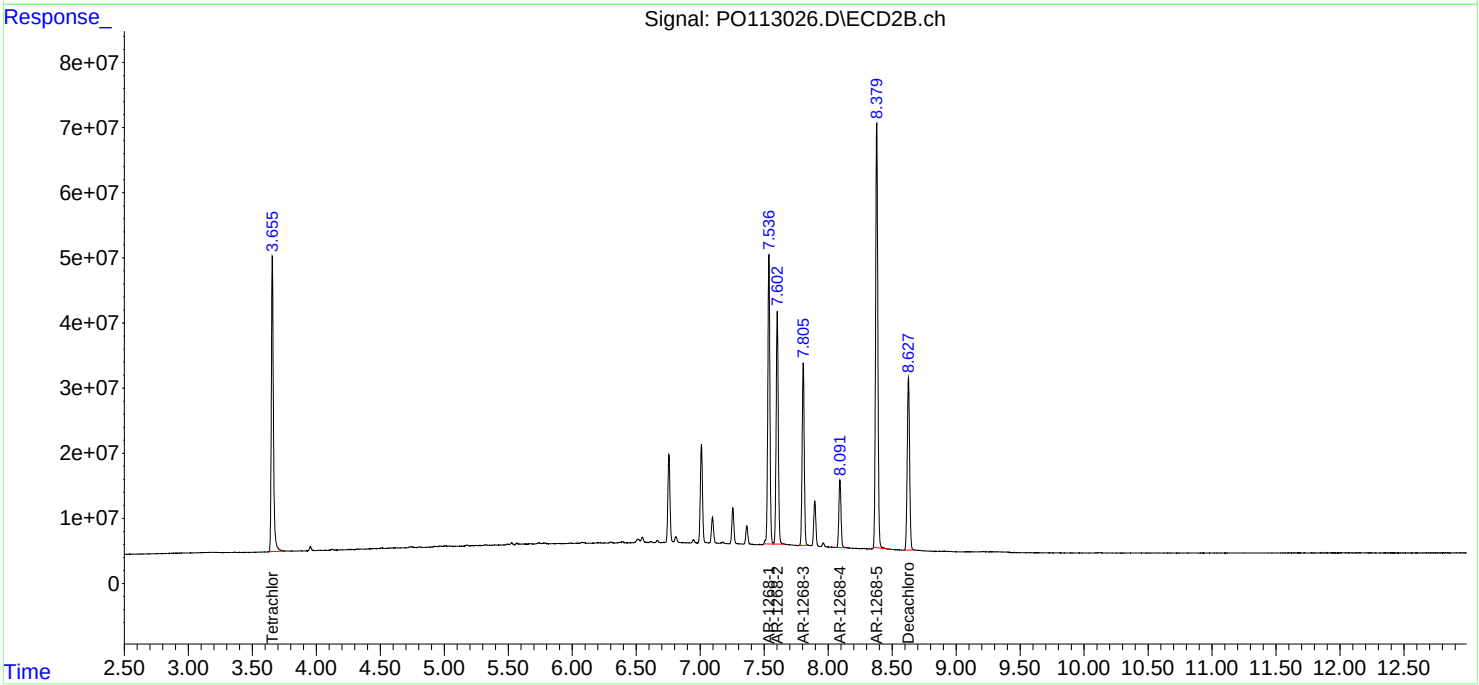
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113026.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 17:12
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

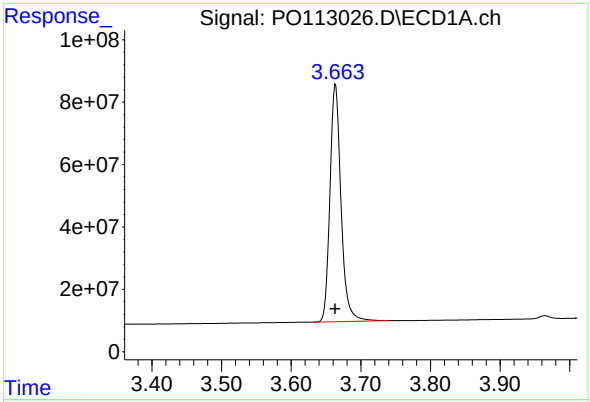
Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:48:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:48:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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



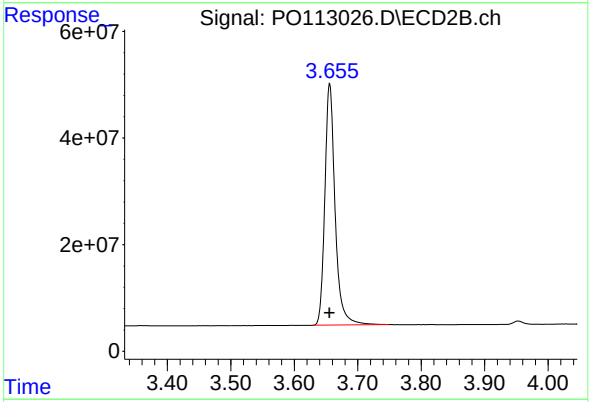




#1 Tetrachloro-m-xylene

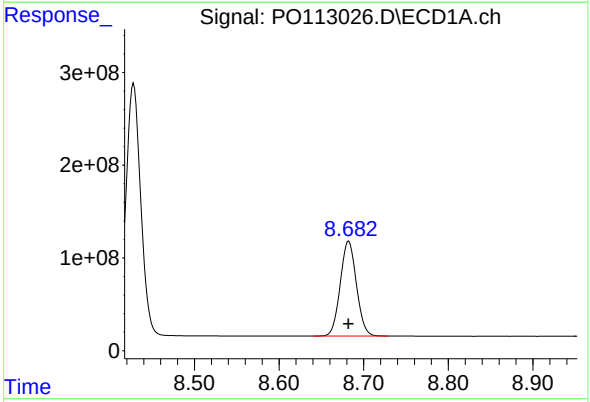
R.T.: 3.664 min
Delta R.T.: 0.000 min
Response: 838328384
Conc: 98.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



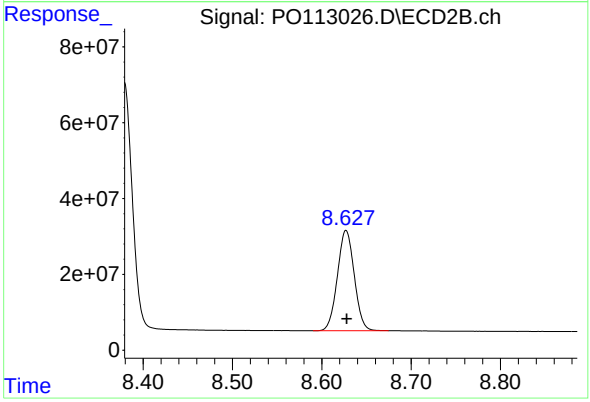
#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: 0.000 min
Response: 509172314
Conc: 99.43 ng/ml



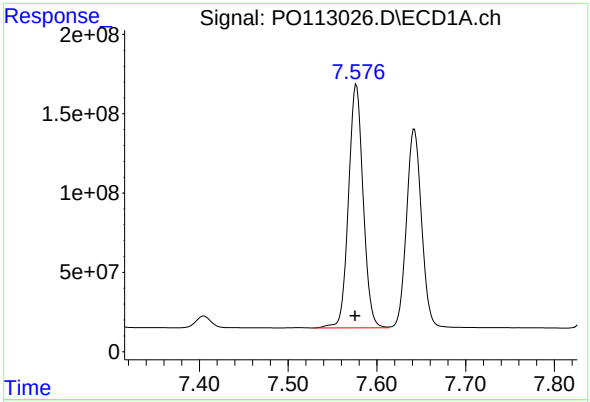
#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 1357308467
Conc: 97.48 ng/ml



#2 Decachlorobiphenyl

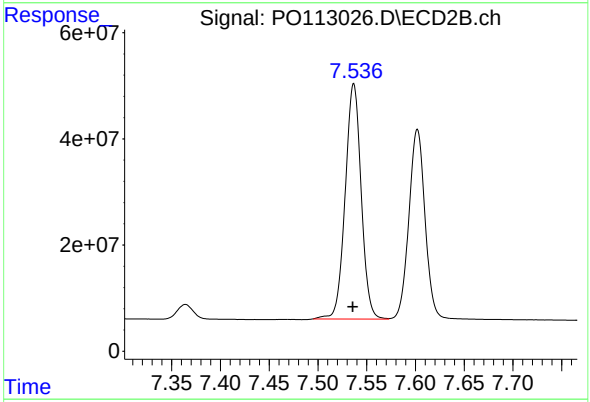
R.T.: 8.627 min
Delta R.T.: 0.000 min
Response: 346867860
Conc: 96.57 ng/ml



#41 AR-1268-1

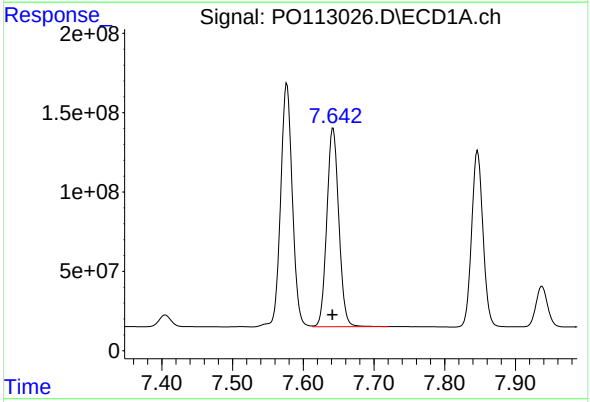
R.T.: 7.577 min
Delta R.T.: 0.001 min
Response: 1761014831
Conc: 976.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



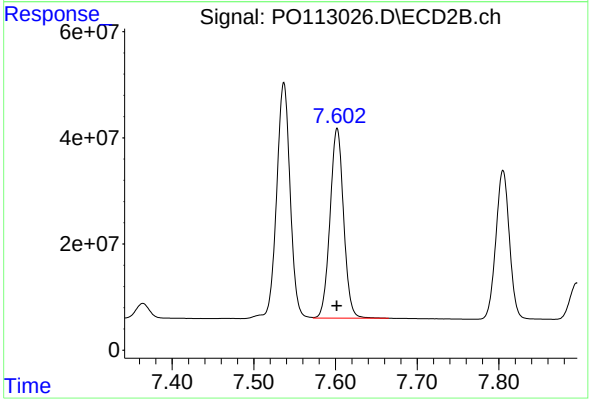
#41 AR-1268-1

R.T.: 7.537 min
Delta R.T.: 0.000 min
Response: 505322959
Conc: 954.51 ng/ml



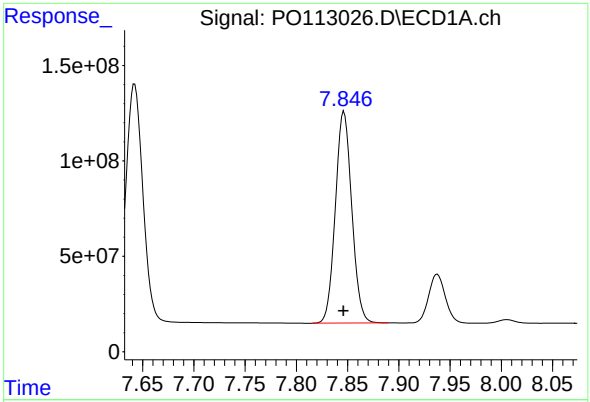
#42 AR-1268-2

R.T.: 7.642 min
Delta R.T.: 0.001 min
Response: 1477166466
Conc: 973.64 ng/ml



#42 AR-1268-2

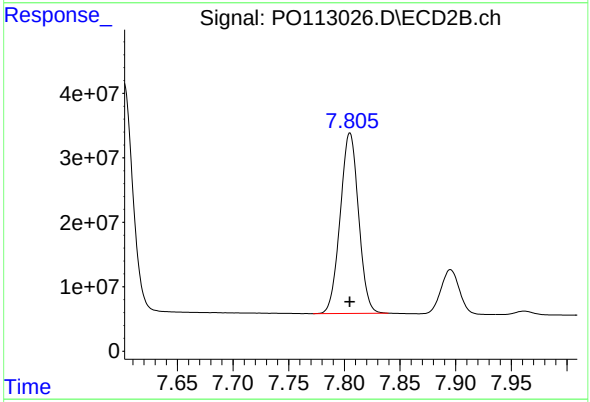
R.T.: 7.602 min
Delta R.T.: 0.000 min
Response: 411828393
Conc: 954.02 ng/ml



#43 AR-1268-3

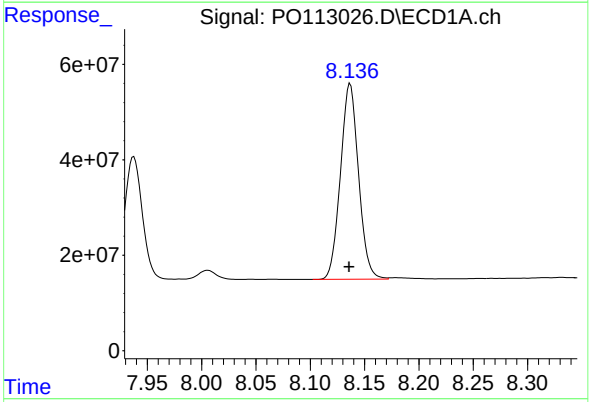
R.T.: 7.846 min
Delta R.T.: 0.000 min
Response: 1233609752
Conc: 970.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



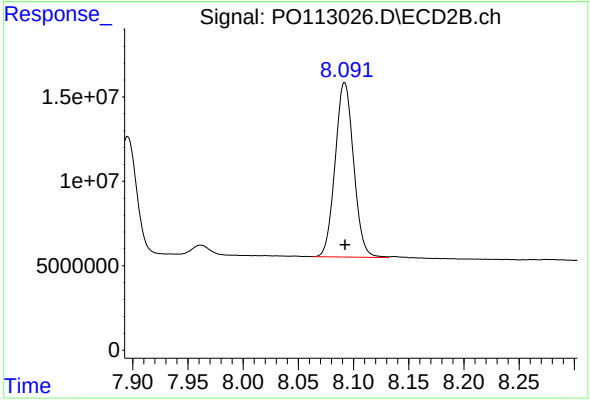
#43 AR-1268-3

R.T.: 7.805 min
Delta R.T.: 0.000 min
Response: 321714437
Conc: 947.70 ng/ml



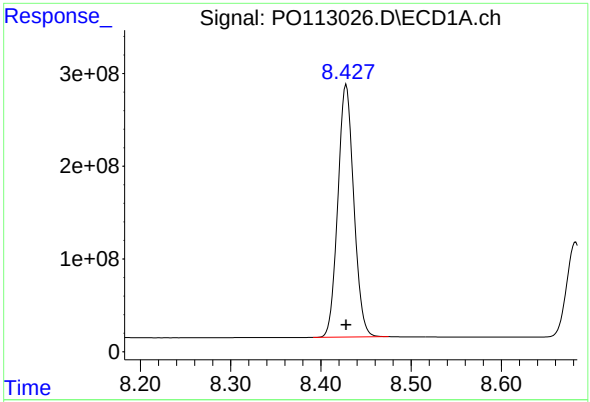
#44 AR-1268-4

R.T.: 8.137 min
Delta R.T.: 0.001 min
Response: 475808490
Conc: 998.19 ng/ml



#44 AR-1268-4

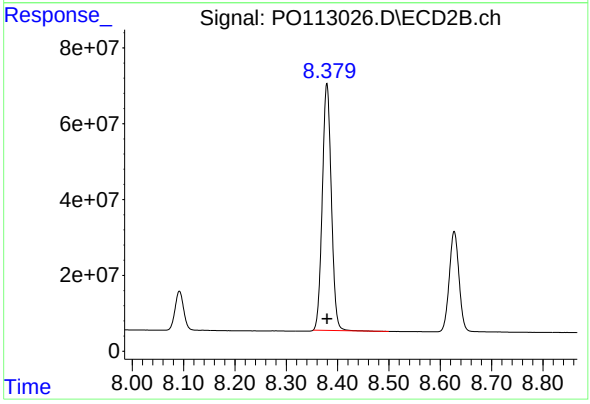
R.T.: 8.092 min
Delta R.T.: 0.000 min
Response: 120303152
Conc: 977.39 ng/ml



#45 AR-1268-5

R.T.: 8.428 min
Delta R.T.: 0.000 min
Response: 3340543820
Conc: 996.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



#45 AR-1268-5

R.T.: 8.379 min
Delta R.T.: 0.000 min
Response: 793658604
Conc: 976.60 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113027.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 17:30
Operator : YP/AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:49:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:48:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.661	3.655	635.0E6	385.8E6	74.903	75.334
2)	SA Decachlor...	8.679	8.626	1024.0E6	262.4E6	73.544	73.041
	Target Compounds						
41)	L9 AR-1268-1	7.573	7.535	1330.9E6	375.0E6	737.820	708.257
42)	L9 AR-1268-2	7.639	7.601	1119.3E6	306.5E6	737.779	709.930
43)	L9 AR-1268-3	7.844	7.804	934.0E6	240.8E6	734.989	709.221
44)	L9 AR-1268-4	8.133	8.092	359.4E6	91683621	754.004	744.876
45)	L9 AR-1268-5	8.426	8.378	2501.0E6	597.6E6	746.242	735.293

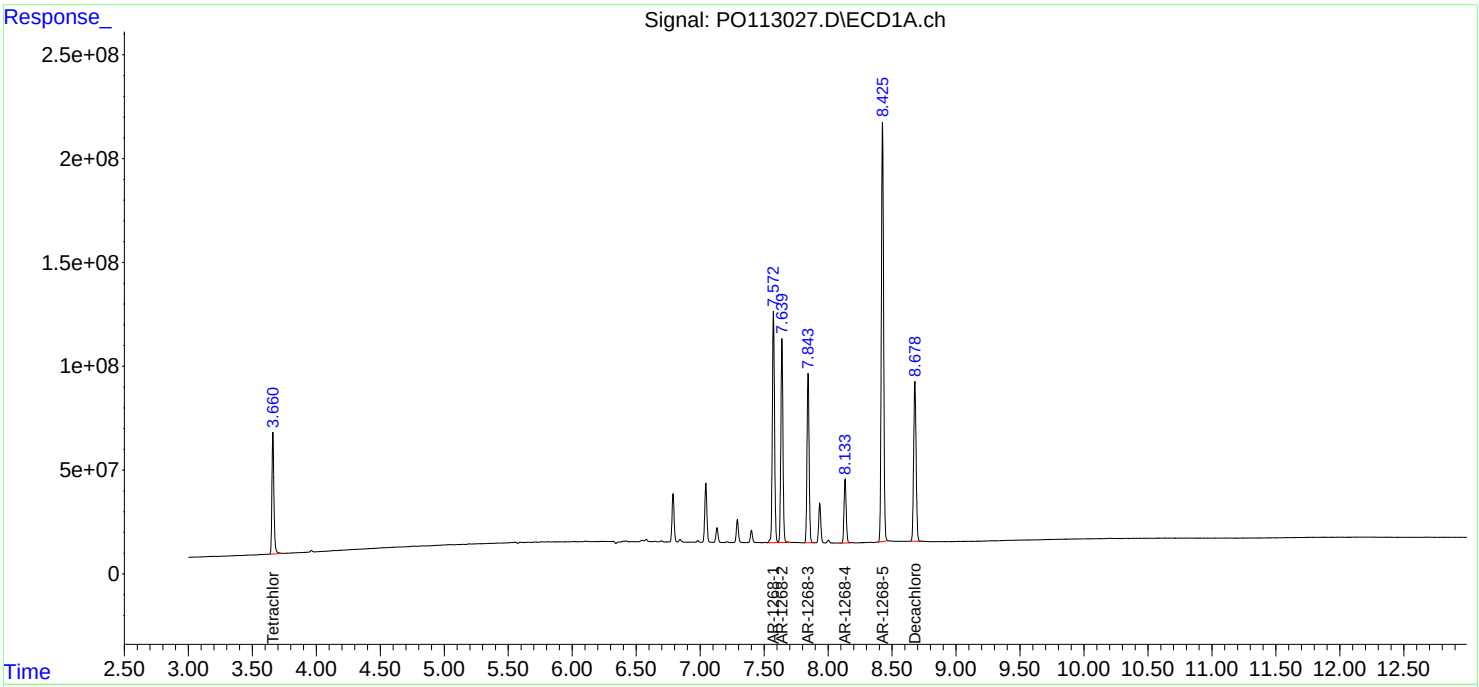
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

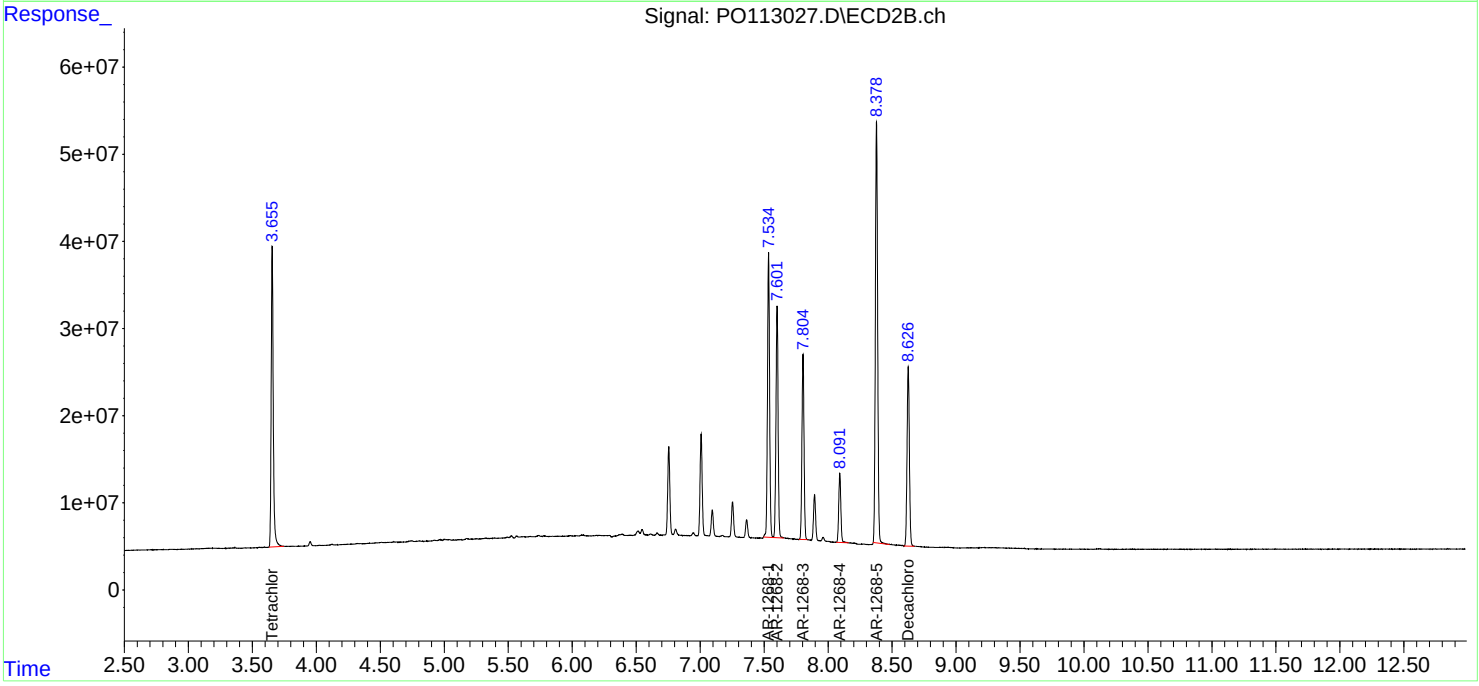
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113027.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 17:30
Operator : YP/AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

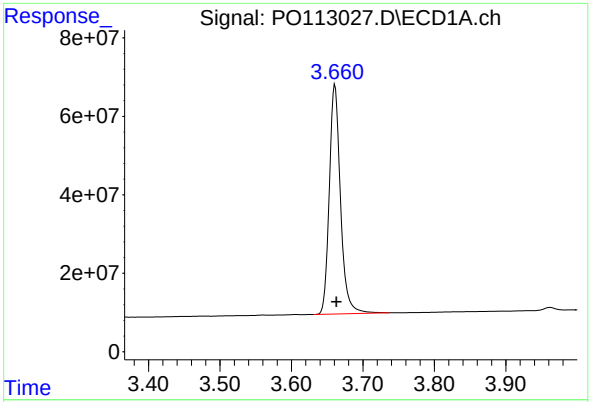
Instrument :
ECD_O
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:49:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:48:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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



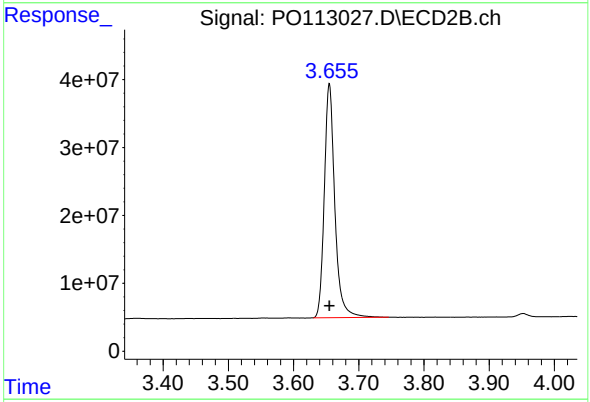




#1 Tetrachloro-m-xylene

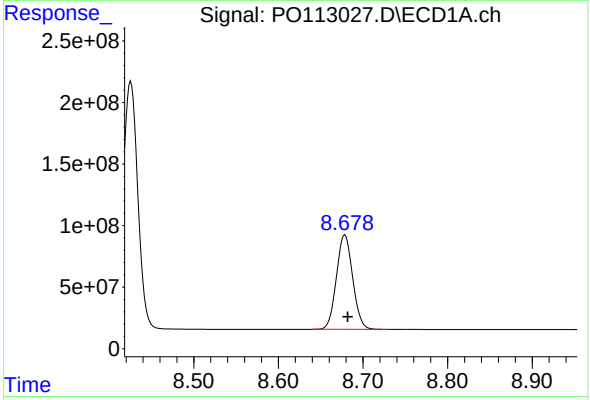
R.T.: 3.661 min
Delta R.T.: -0.002 min
Response: 634990936
Conc: 74.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



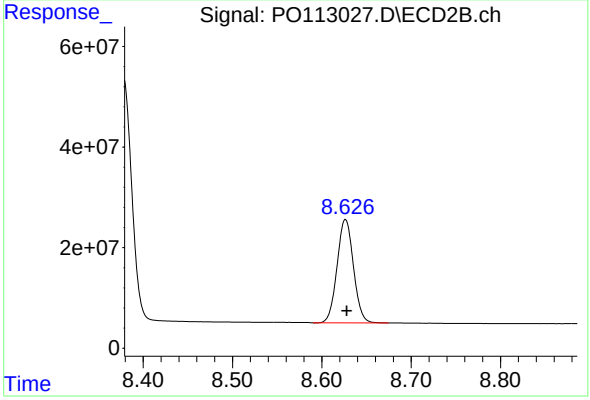
#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 385780732
Conc: 75.33 ng/ml



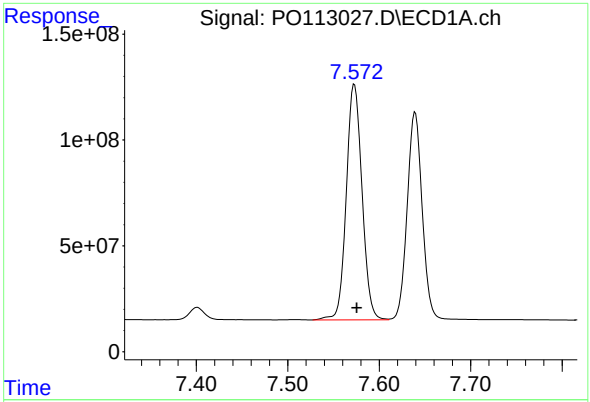
#2 Decachlorobiphenyl

R.T.: 8.679 min
Delta R.T.: -0.003 min
Response: 1024022349
Conc: 73.54 ng/ml



#2 Decachlorobiphenyl

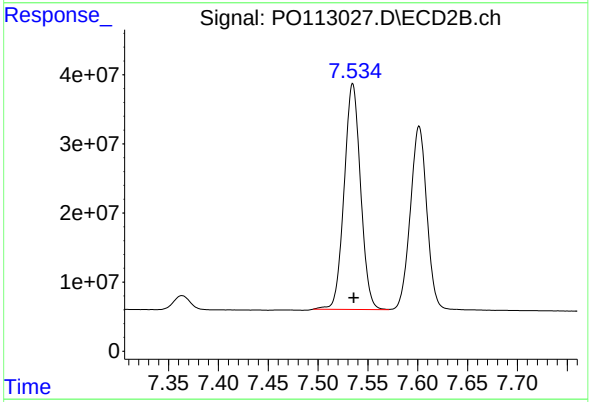
R.T.: 8.626 min
Delta R.T.: -0.002 min
Response: 262368090
Conc: 73.04 ng/ml



#41 AR-1268-1

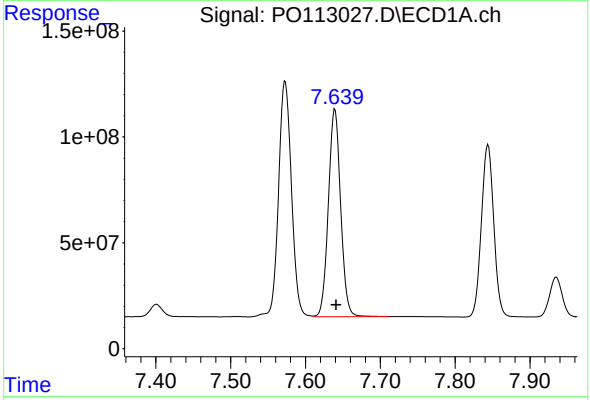
R.T.: 7.573 min
Delta R.T.: -0.003 min
Response: 1330948860
Conc: 737.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



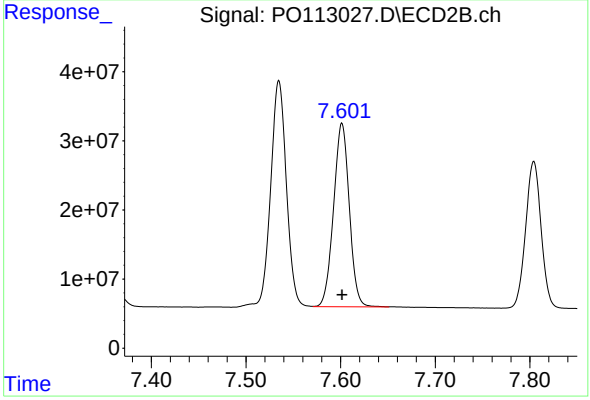
#41 AR-1268-1

R.T.: 7.535 min
Delta R.T.: -0.001 min
Response: 374954235
Conc: 708.26 ng/ml



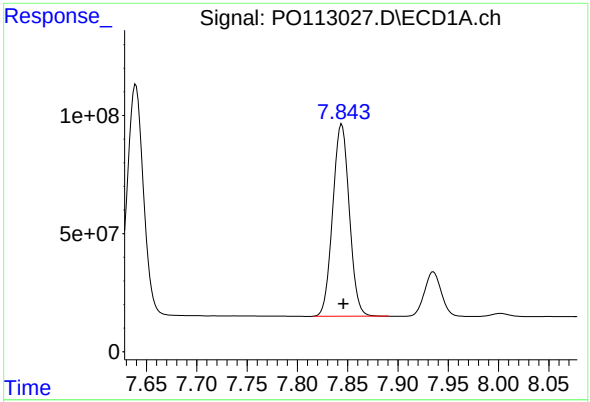
#42 AR-1268-2

R.T.: 7.639 min
Delta R.T.: -0.002 min
Response: 1119329887
Conc: 737.78 ng/ml



#42 AR-1268-2

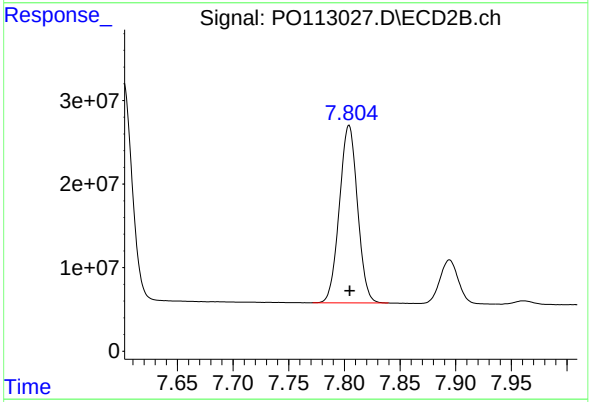
R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 306461558
Conc: 709.93 ng/ml



#43 AR-1268-3

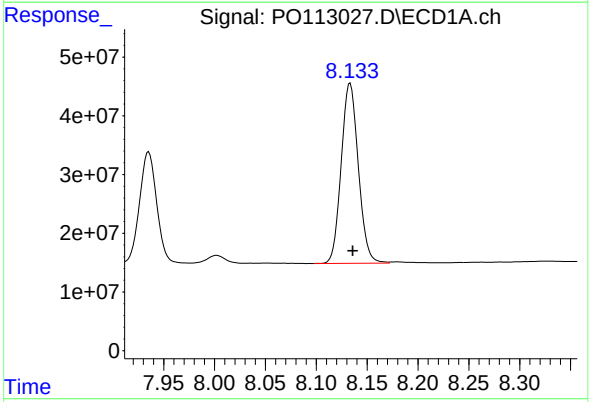
R.T.: 7.844 min
Delta R.T.: -0.002 min
Response: 933960556
Conc: 734.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



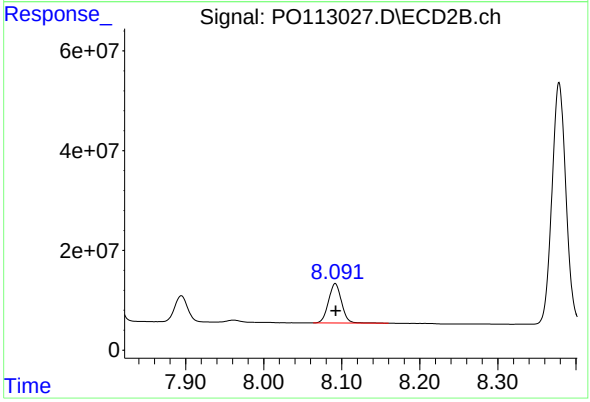
#43 AR-1268-3

R.T.: 7.804 min
Delta R.T.: 0.000 min
Response: 240757104
Conc: 709.22 ng/ml



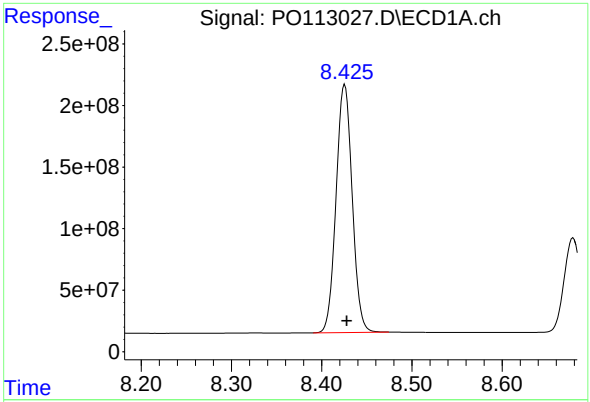
#44 AR-1268-4

R.T.: 8.133 min
Delta R.T.: -0.002 min
Response: 359411039
Conc: 754.00 ng/ml



#44 AR-1268-4

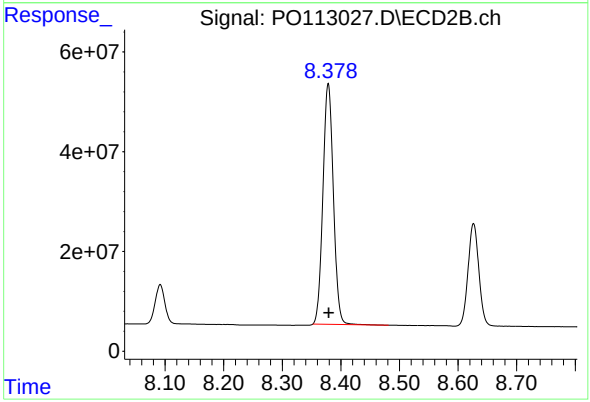
R.T.: 8.092 min
Delta R.T.: 0.000 min
Response: 91683621
Conc: 744.88 ng/ml



#45 AR-1268-5

R.T.: 8.426 min
Delta R.T.: -0.002 min
Response: 2501040909
Conc: 746.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



#45 AR-1268-5

R.T.: 8.378 min
Delta R.T.: 0.000 min
Response: 597557064
Conc: 735.29 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113028.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 17:48
Operator : YP/AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:49:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:48:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.663	3.655	423.9E6	256.0E6	50.000	50.000
2)	SA Decachlor...	8.682	8.628	696.2E6	179.6E6	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	7.575	7.536	901.9E6	264.7E6	500.000	500.000
42)	L9 AR-1268-2	7.641	7.602	758.6E6	215.8E6	500.000	500.000
43)	L9 AR-1268-3	7.846	7.805	635.4E6	169.7E6	500.000	500.000
44)	L9 AR-1268-4	8.136	8.092	238.3E6	61542864	500.000	500.000
45)	L9 AR-1268-5	8.428	8.379	1675.8E6	406.3E6	500.000	500.000

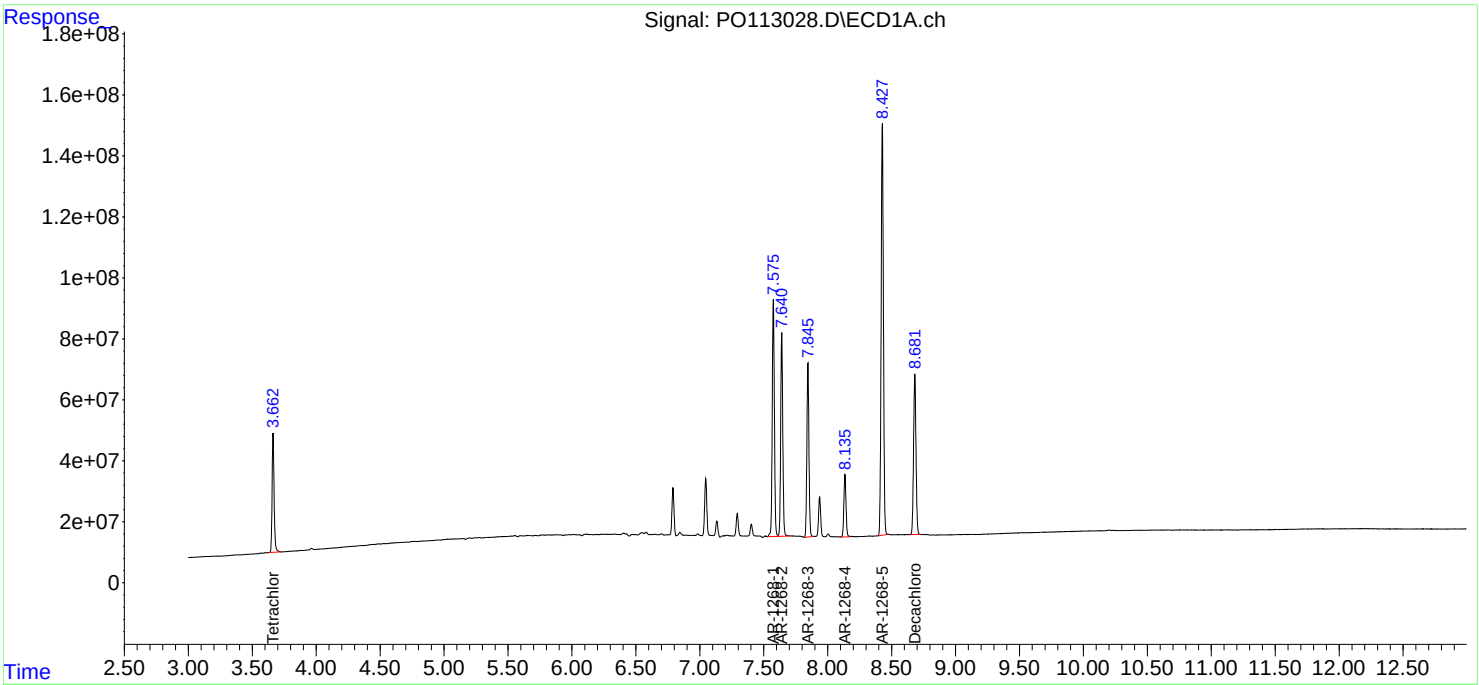
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

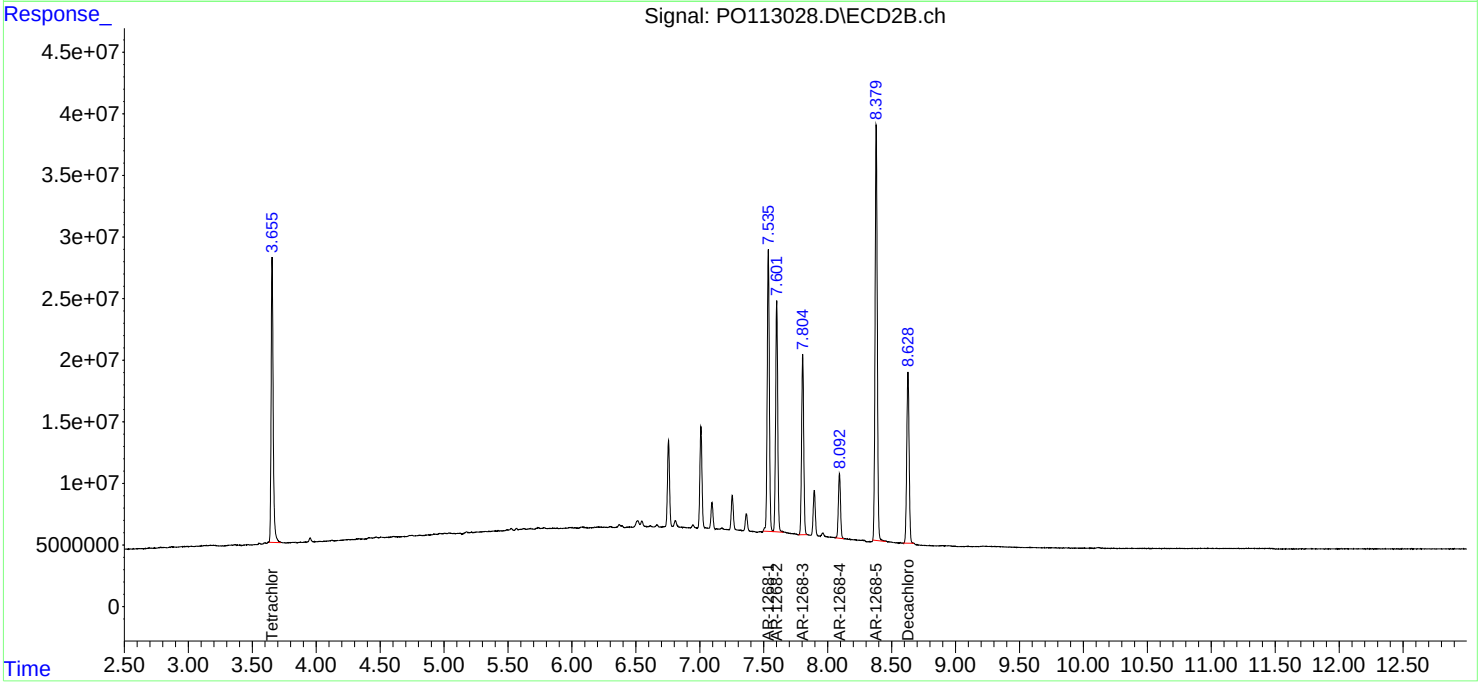
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113028.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 17:48
Operator : YP/AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

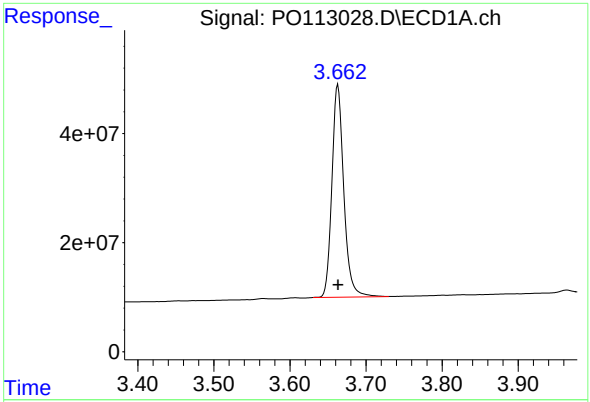
Instrument :
ECD_O
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:49:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:48:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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



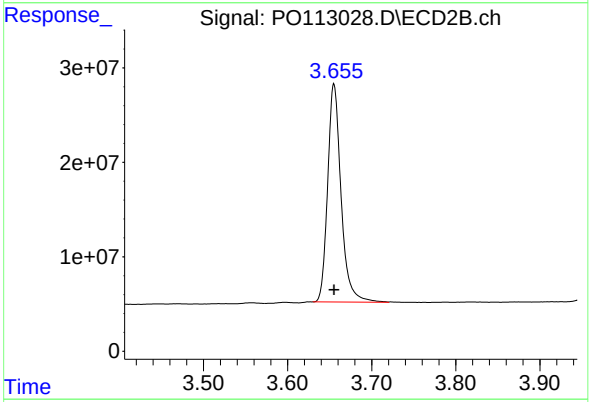




#1 Tetrachloro-m-xylene

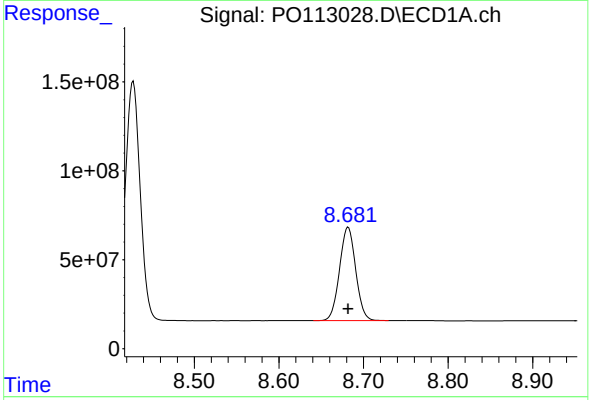
R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 423873037
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



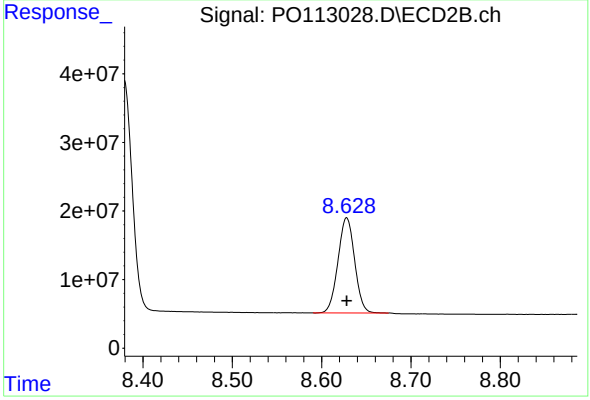
#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 256046836
Conc: 50.00 ng/ml



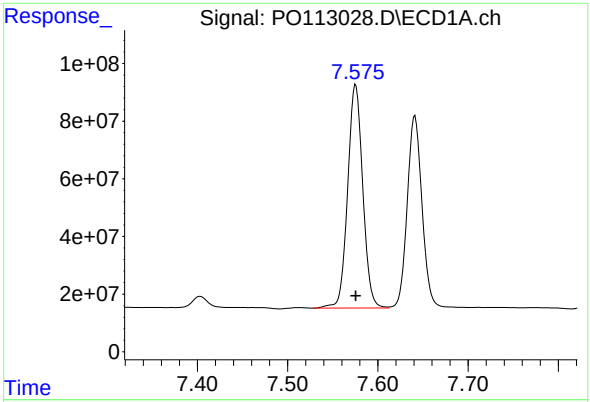
#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 696200294
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

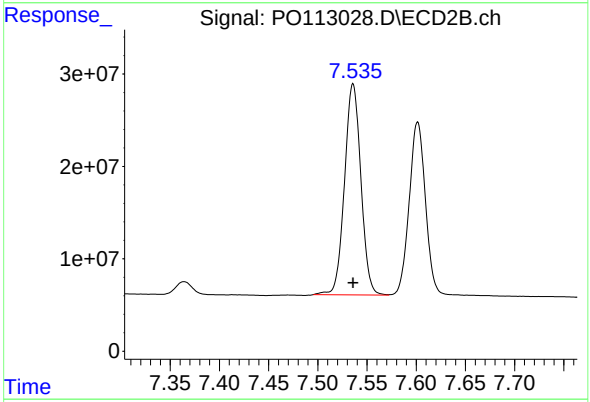
R.T.: 8.628 min
Delta R.T.: 0.000 min
Response: 179602478
Conc: 50.00 ng/ml



#41 AR-1268-1

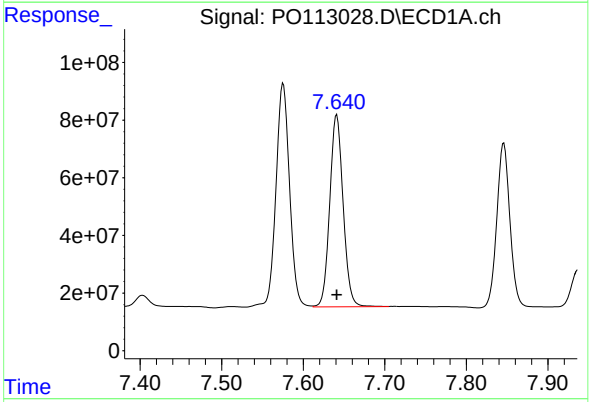
R.T.: 7.575 min
Delta R.T.: 0.000 min
Response: 901946472
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



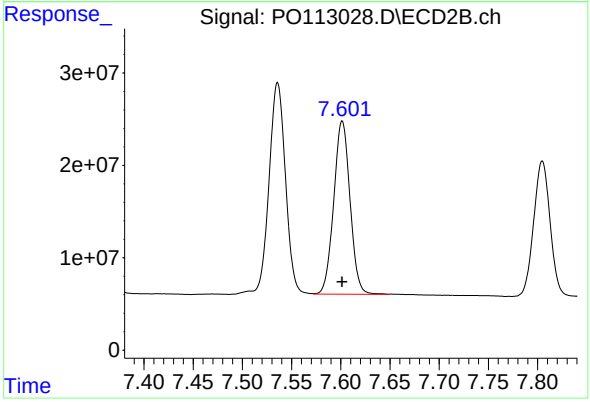
#41 AR-1268-1

R.T.: 7.536 min
Delta R.T.: 0.000 min
Response: 264702060
Conc: 500.00 ng/ml



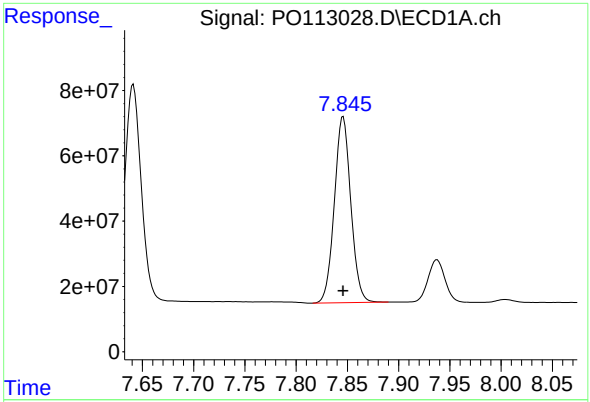
#42 AR-1268-2

R.T.: 7.641 min
Delta R.T.: 0.000 min
Response: 758580749
Conc: 500.00 ng/ml



#42 AR-1268-2

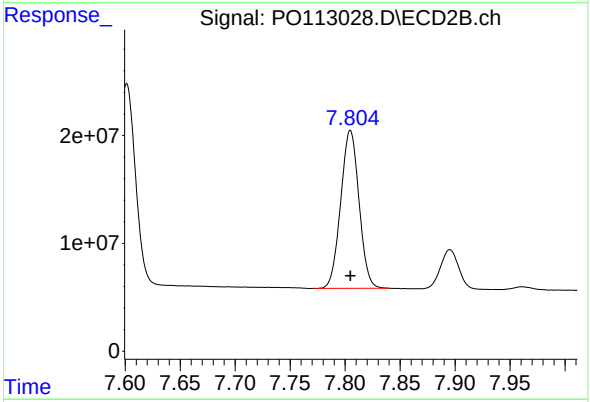
R.T.: 7.602 min
Delta R.T.: 0.000 min
Response: 215839345
Conc: 500.00 ng/ml



#43 AR-1268-3

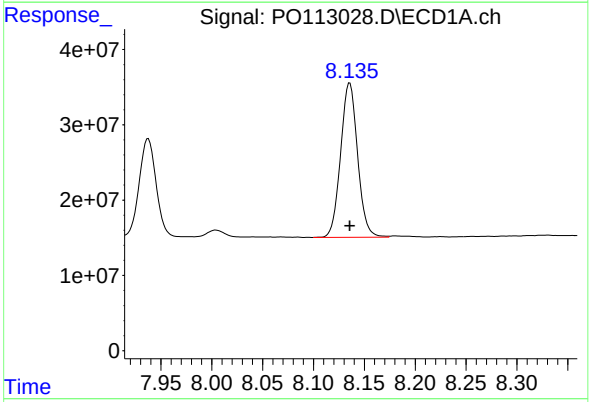
R.T.: 7.846 min
Delta R.T.: 0.000 min
Response: 635356621
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



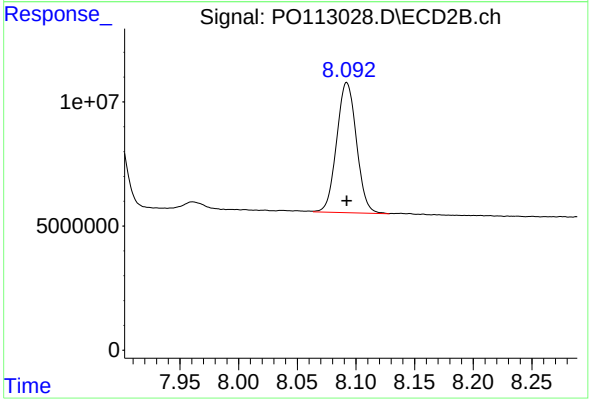
#43 AR-1268-3

R.T.: 7.805 min
Delta R.T.: 0.000 min
Response: 169733449
Conc: 500.00 ng/ml



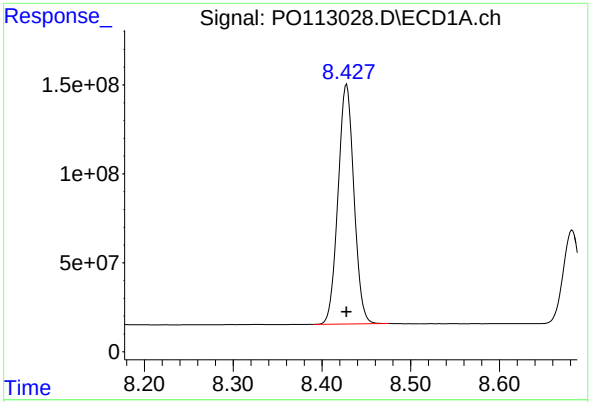
#44 AR-1268-4

R.T.: 8.136 min
Delta R.T.: 0.000 min
Response: 238334901
Conc: 500.00 ng/ml



#44 AR-1268-4

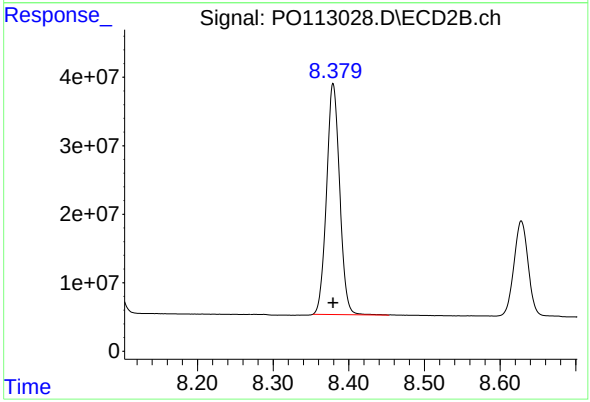
R.T.: 8.092 min
Delta R.T.: 0.000 min
Response: 61542864
Conc: 500.00 ng/ml



#45 AR-1268-5

R.T.: 8.428 min
Delta R.T.: 0.000 min
Response: 1675756494
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



#45 AR-1268-5

R.T.: 8.379 min
Delta R.T.: 0.000 min
Response: 406339429
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113029.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 18:06
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:49:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:48:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.662	3.655	218.2E6	134.2E6	25.738	26.208
2)	SA Decachlor...	8.680	8.627	354.7E6	93434698	25.474	26.012
	Target Compounds						
41)	L9 AR-1268-1	7.575	7.535	460.2E6	137.9E6	255.114	260.436
42)	L9 AR-1268-2	7.640	7.601	386.9E6	111.5E6	255.045	258.314
43)	L9 AR-1268-3	7.845	7.804	322.8E6	88262994	254.068	260.005
44)	L9 AR-1268-4	8.134	8.091	123.3E6	32445037	258.588	263.597
45)	L9 AR-1268-5	8.427	8.378	843.4E6	208.8E6	251.661	256.901

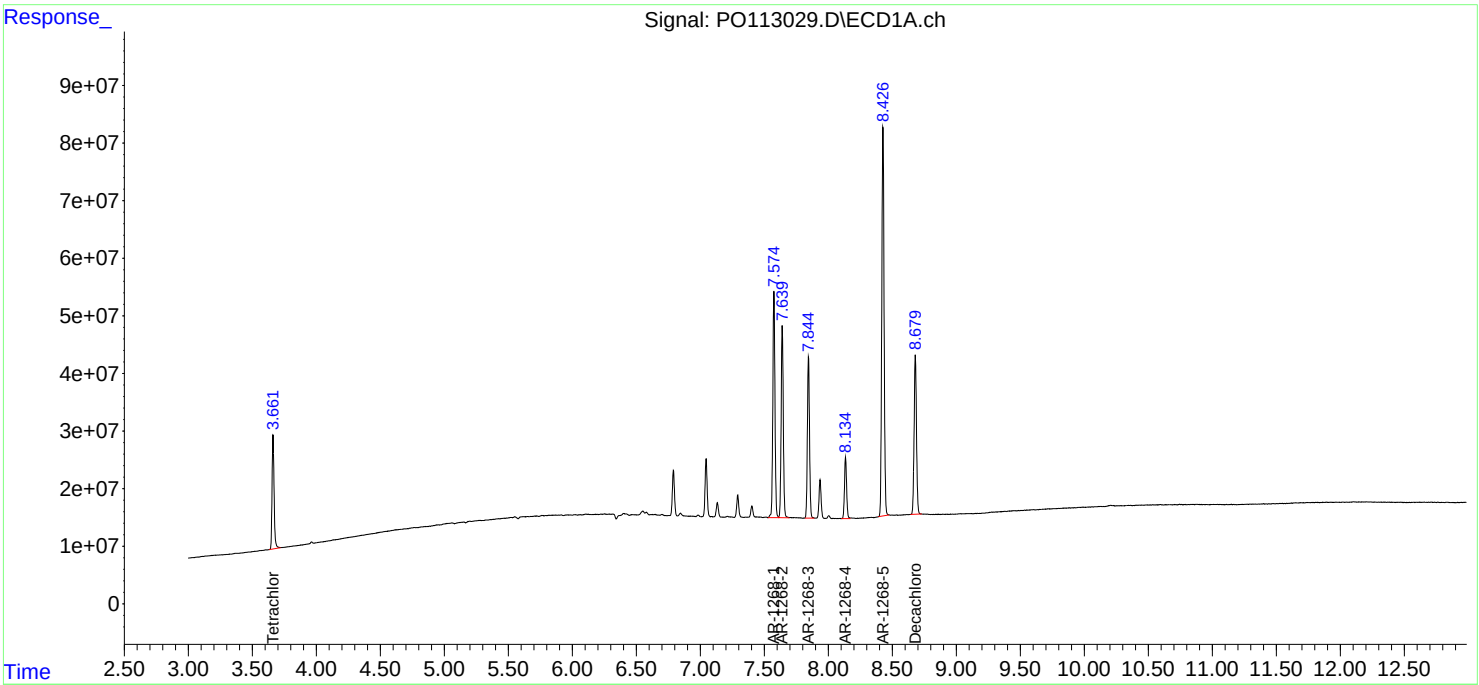
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

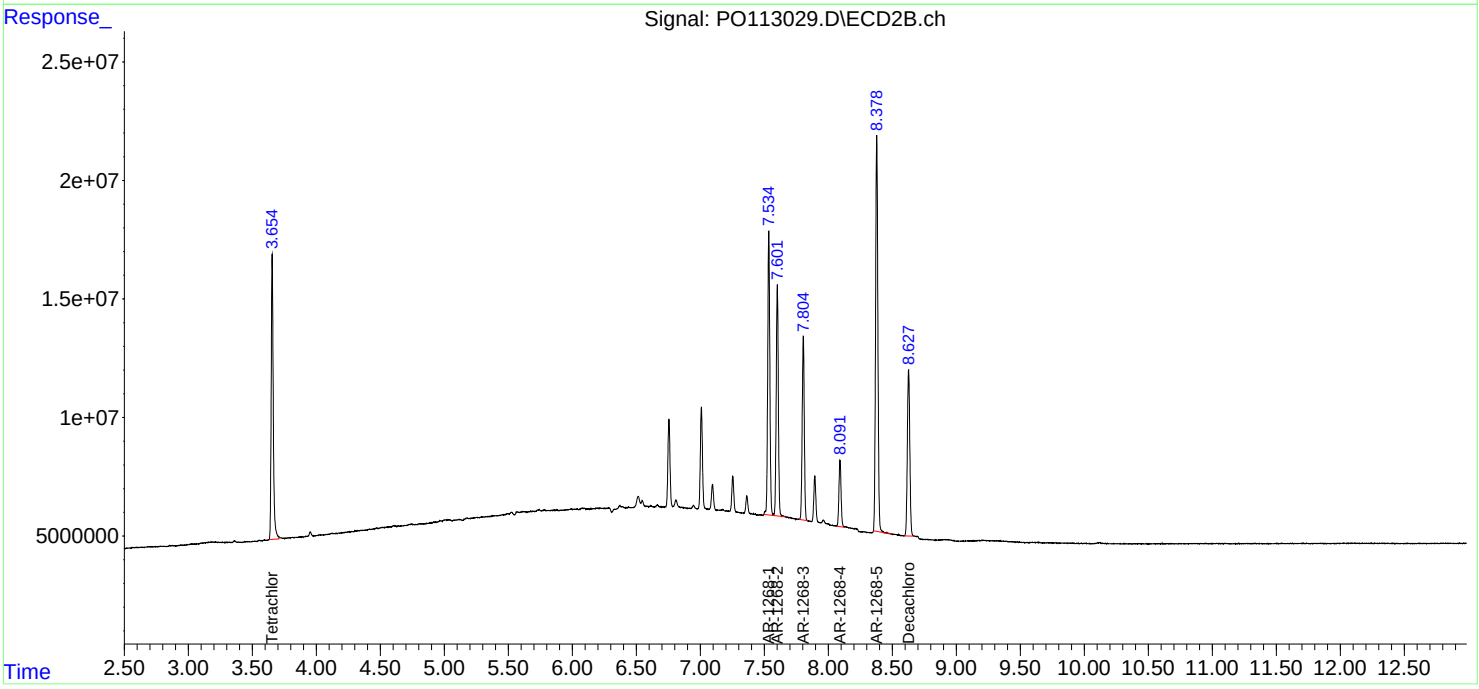
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113029.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 18:06
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

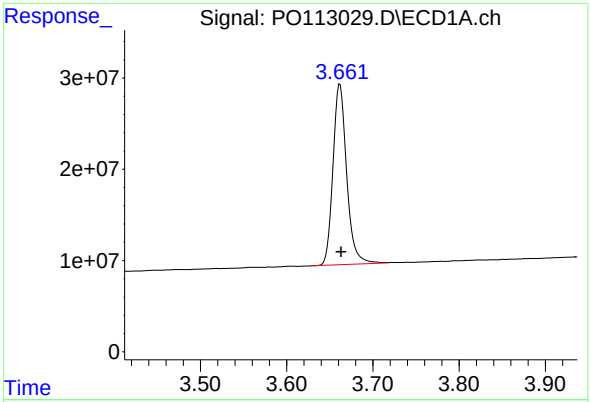
Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:49:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:48:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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



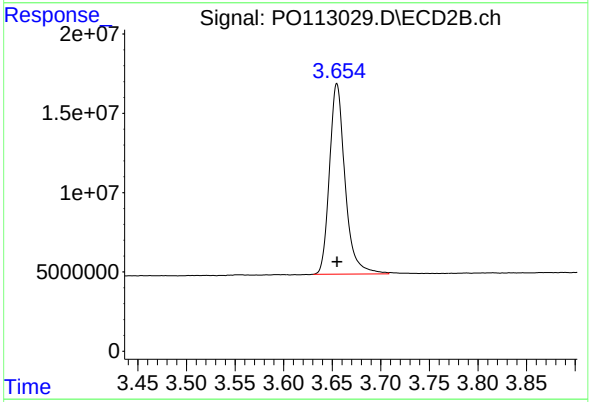




#1 Tetrachloro-m-xylene

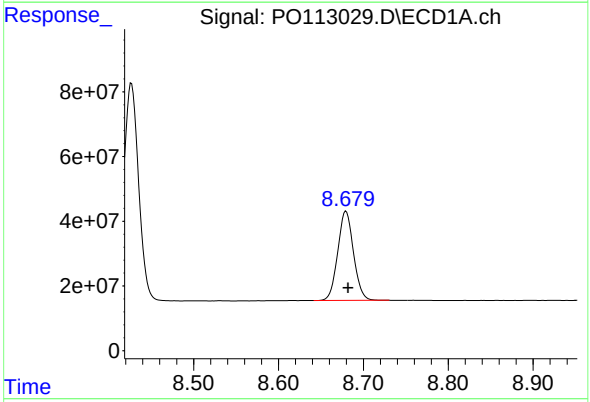
R.T.: 3.662 min
Delta R.T.: -0.001 min
Response: 218191012
Conc: 25.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



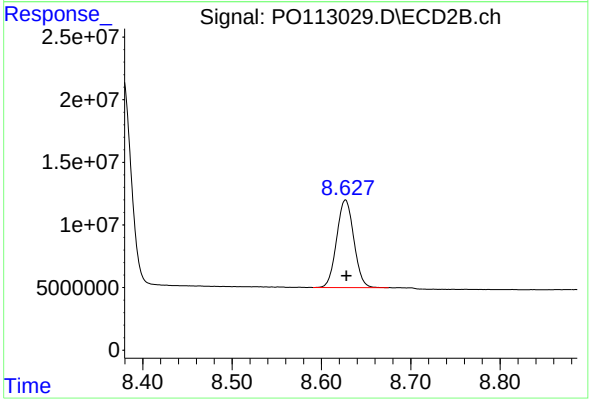
#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 134209963
Conc: 26.21 ng/ml



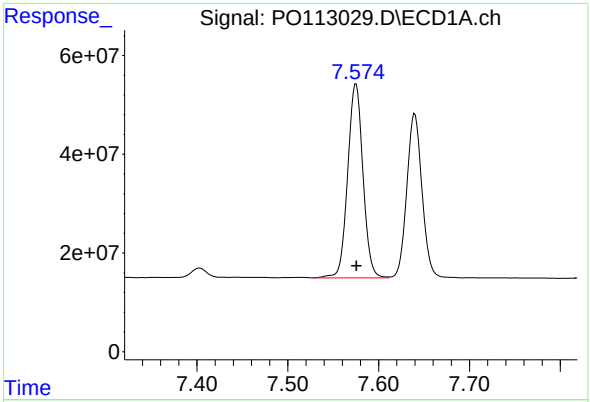
#2 Decachlorobiphenyl

R.T.: 8.680 min
Delta R.T.: -0.002 min
Response: 354705317
Conc: 25.47 ng/ml



#2 Decachlorobiphenyl

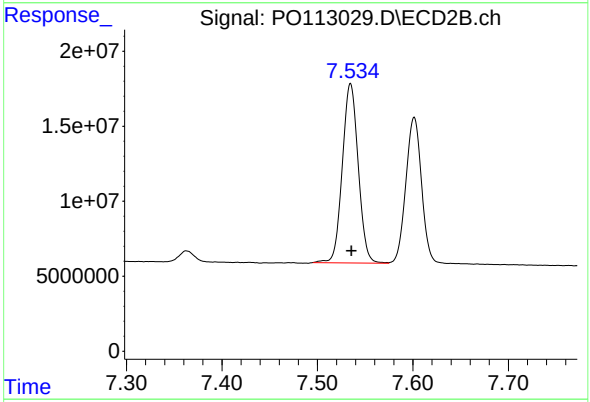
R.T.: 8.627 min
Delta R.T.: -0.001 min
Response: 93434698
Conc: 26.01 ng/ml



#41 AR-1268-1

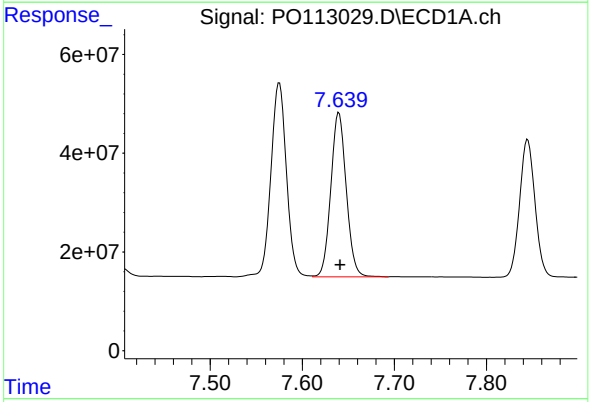
R.T.: 7.575 min
Delta R.T.: 0.000 min
Response: 460198324
Conc: 255.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



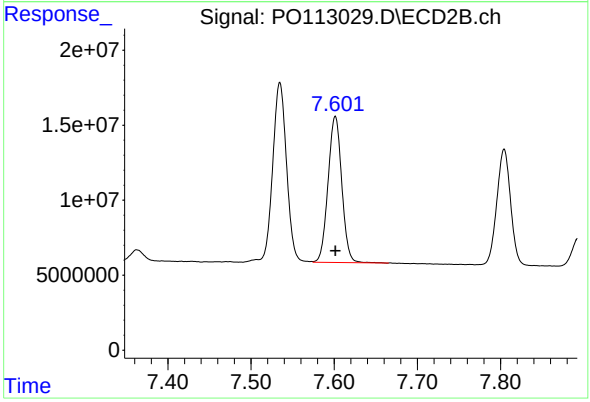
#41 AR-1268-1

R.T.: 7.535 min
Delta R.T.: -0.001 min
Response: 137875808
Conc: 260.44 ng/ml



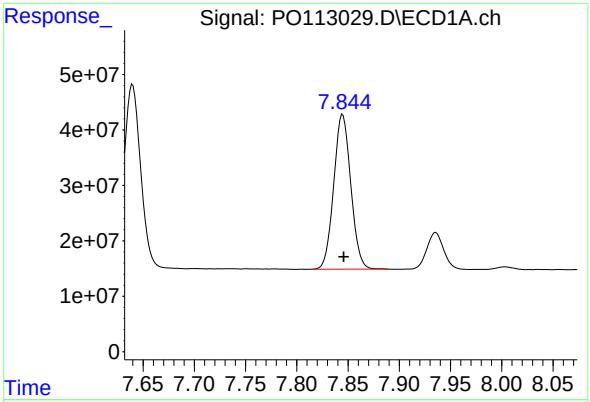
#42 AR-1268-2

R.T.: 7.640 min
Delta R.T.: -0.001 min
Response: 386944809
Conc: 255.05 ng/ml



#42 AR-1268-2

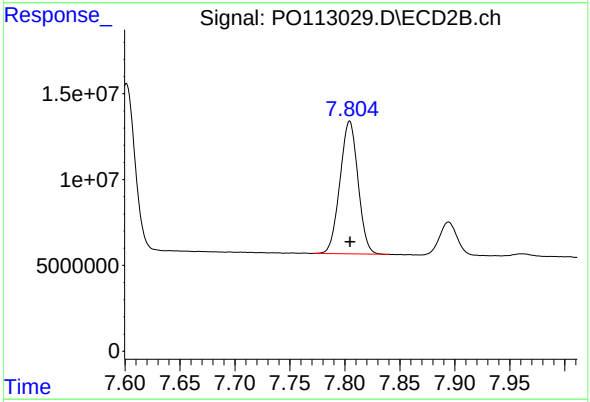
R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 111508704
Conc: 258.31 ng/ml



#43 AR-1268-3

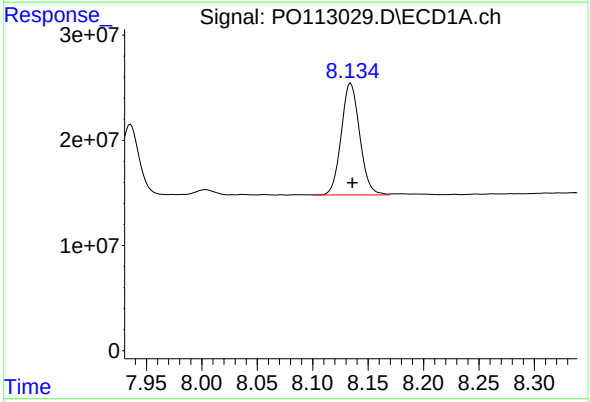
R.T.: 7.845 min
Delta R.T.: -0.001 min
Response: 322847089
Conc: 254.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



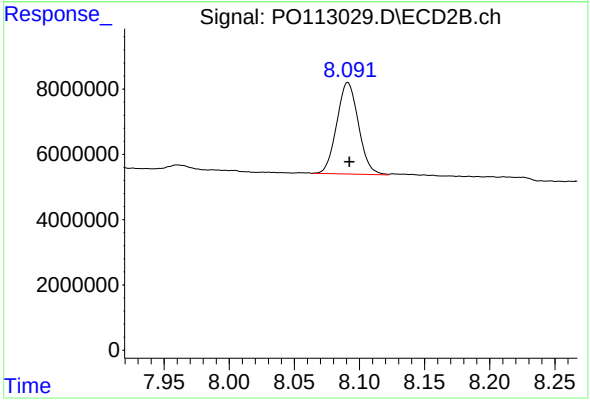
#43 AR-1268-3

R.T.: 7.804 min
Delta R.T.: 0.000 min
Response: 88262994
Conc: 260.00 ng/ml



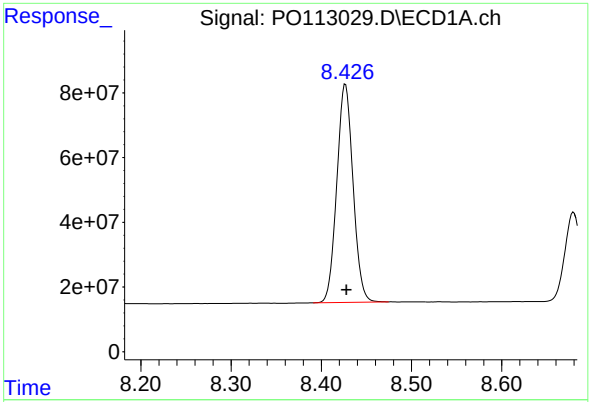
#44 AR-1268-4

R.T.: 8.134 min
Delta R.T.: -0.001 min
Response: 123261181
Conc: 258.59 ng/ml



#44 AR-1268-4

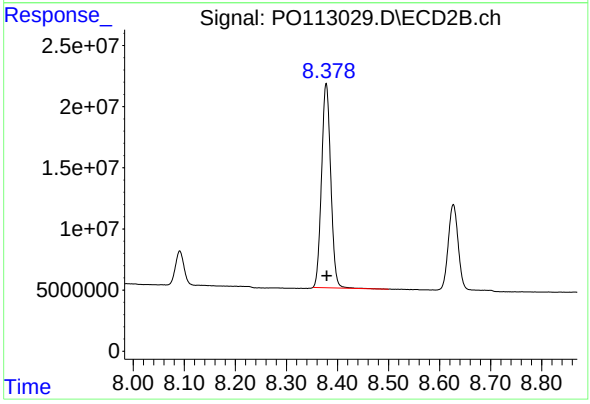
R.T.: 8.091 min
Delta R.T.: -0.001 min
Response: 32445037
Conc: 263.60 ng/ml



#45 AR-1268-5

R.T.: 8.427 min
Delta R.T.: -0.001 min
Response: 843443982
Conc: 251.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



#45 AR-1268-5

R.T.: 8.378 min
Delta R.T.: -0.001 min
Response: 208777784
Conc: 256.90 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113030.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 18:24
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:50:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:48:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.663	3.656	32740210	20644764	3.862	4.031
2)	SA Decachlor...	8.681	8.627	55179728	14960600	3.963	4.165
	Target Compounds						
41)	L9 AR-1268-1	7.575	7.535	71207184	23057642	39.474	43.554
42)	L9 AR-1268-2	7.641	7.600	60309550	18942723	39.752	43.882
43)	L9 AR-1268-3	7.845	7.803	49529084	14865130	38.977	43.790
44)	L9 AR-1268-4	8.136	8.091	18929121	5337454	39.711	43.364
45)	L9 AR-1268-5	8.426	8.378	127.1E6	33329844	37.916	41.012m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113030.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 18:24
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

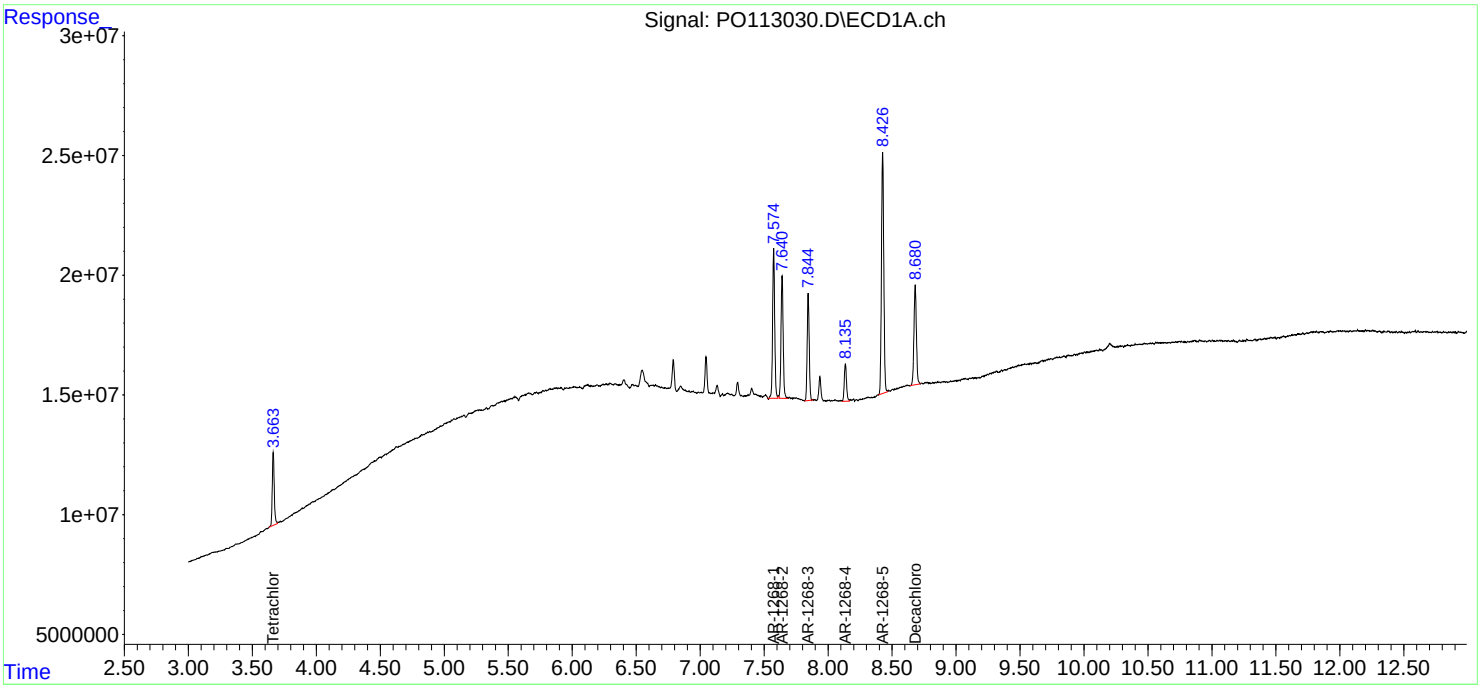
Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

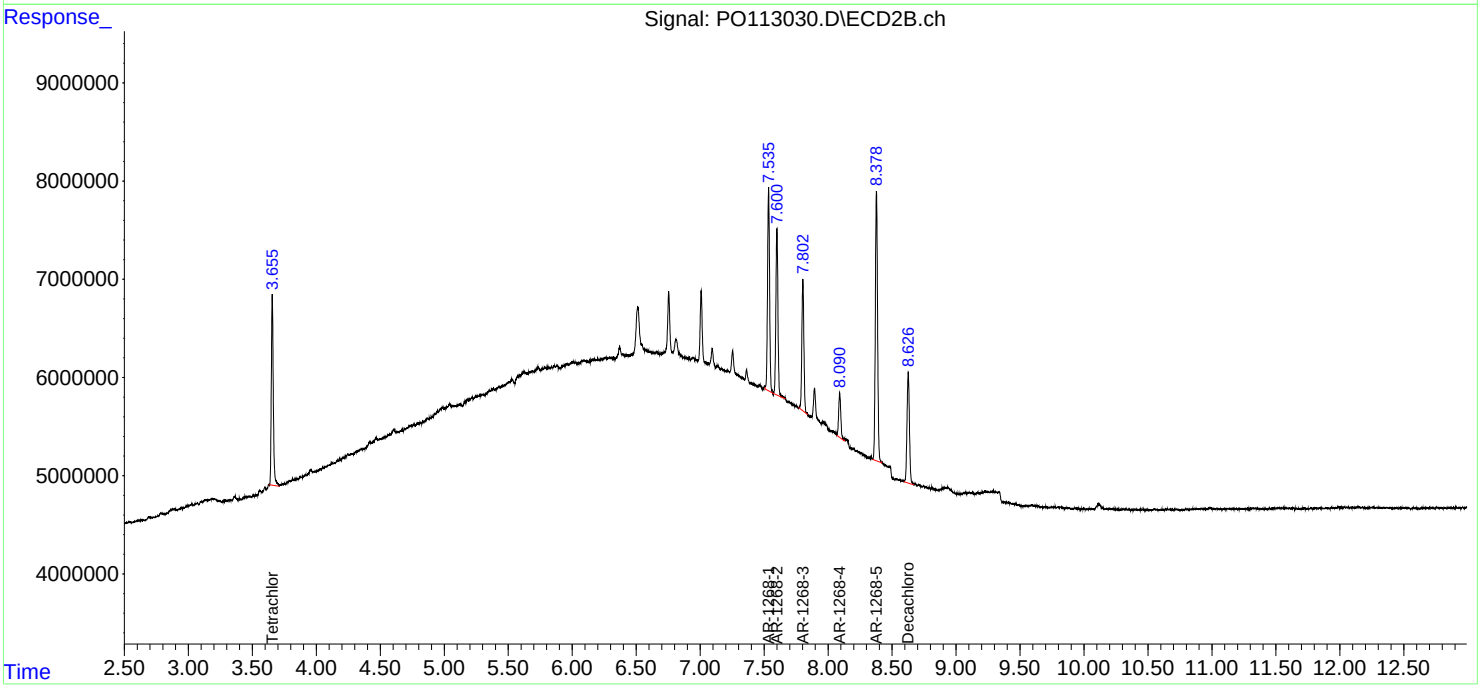
Manual Integrations APPROVED

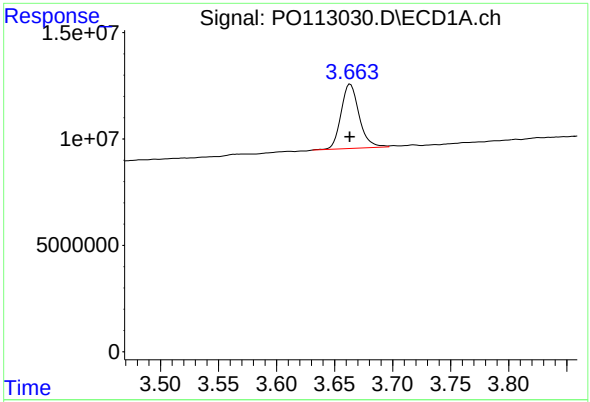
Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:50:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:48:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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







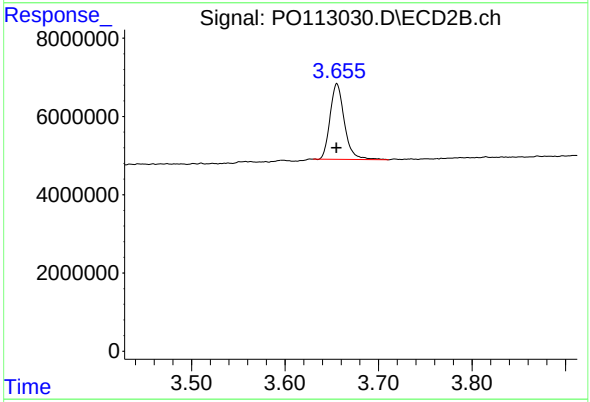
#1 Tetrachloro-m-xylene

R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 32740210
Conc: 3.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

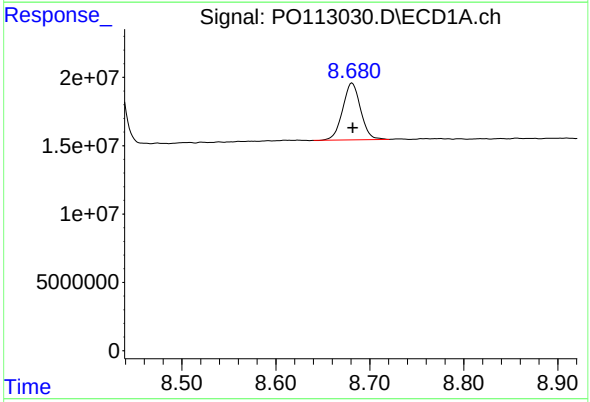
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



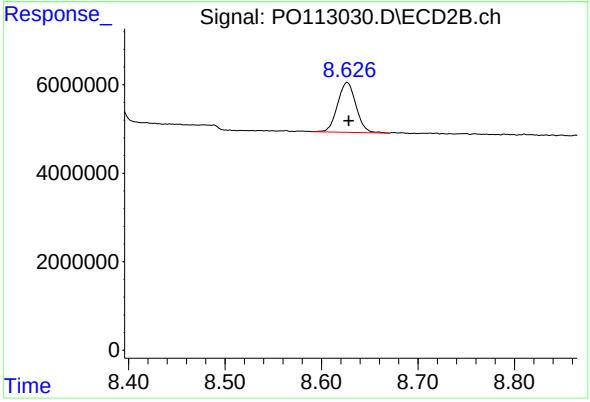
#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: 0.000 min
Response: 20644764
Conc: 4.03 ng/ml



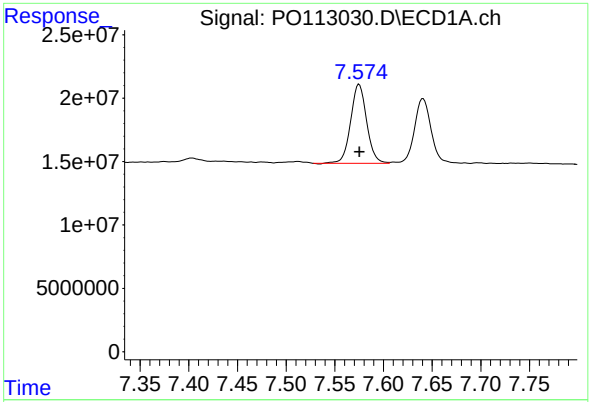
#2 Decachlorobiphenyl

R.T.: 8.681 min
Delta R.T.: 0.000 min
Response: 55179728
Conc: 3.96 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.627 min
Delta R.T.: -0.001 min
Response: 14960600
Conc: 4.16 ng/ml



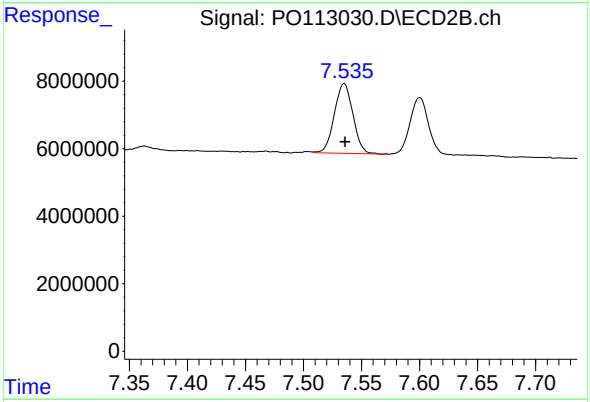
#41 AR-1268-1

R.T.: 7.575 min
Delta R.T.: 0.000 min
Response: 71207184
Conc: 39.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

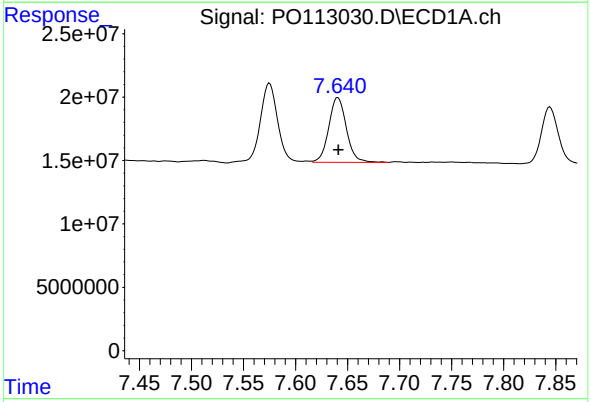
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



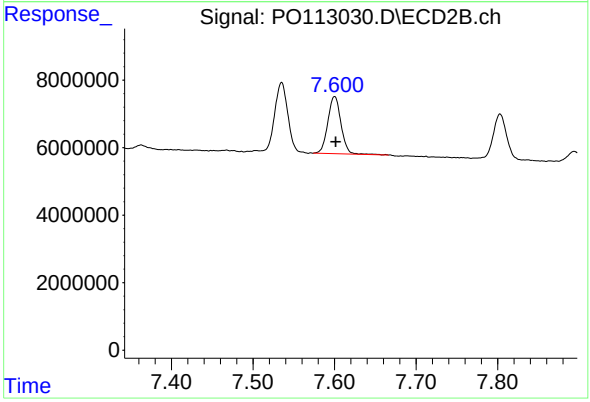
#41 AR-1268-1

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 23057642
Conc: 43.55 ng/ml



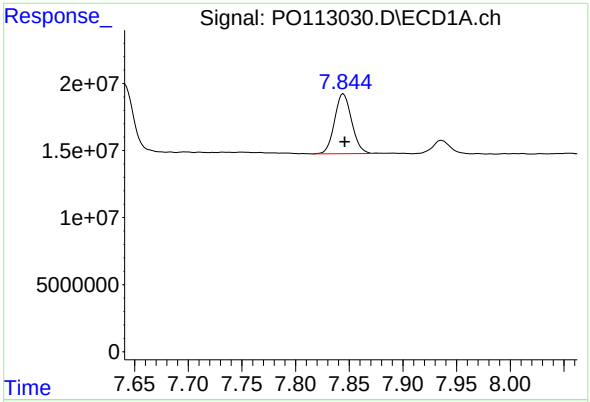
#42 AR-1268-2

R.T.: 7.641 min
Delta R.T.: 0.000 min
Response: 60309550
Conc: 39.75 ng/ml



#42 AR-1268-2

R.T.: 7.600 min
Delta R.T.: -0.001 min
Response: 18942723
Conc: 43.88 ng/ml



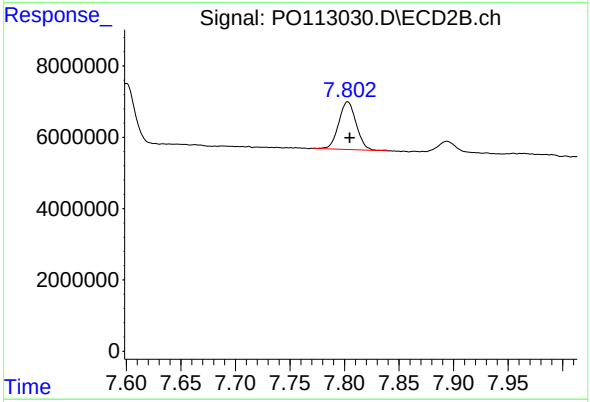
#43 AR-1268-3

R.T.: 7.845 min
Delta R.T.: -0.001 min
Response: 49529084
Conc: 38.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

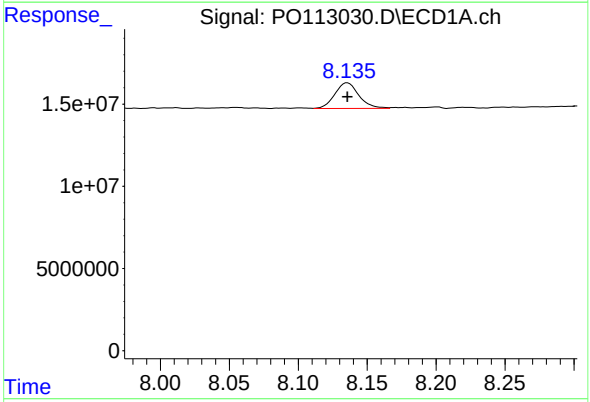
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



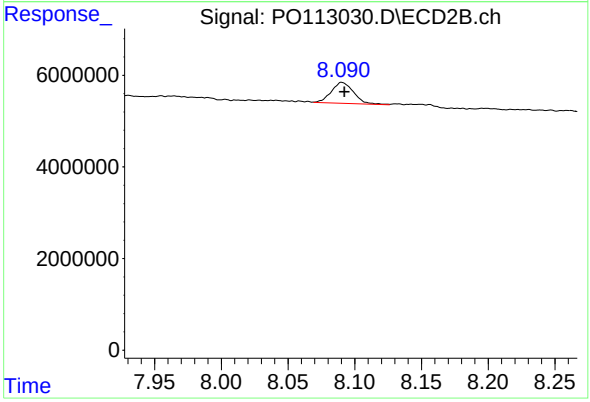
#43 AR-1268-3

R.T.: 7.803 min
Delta R.T.: -0.002 min
Response: 14865130
Conc: 43.79 ng/ml



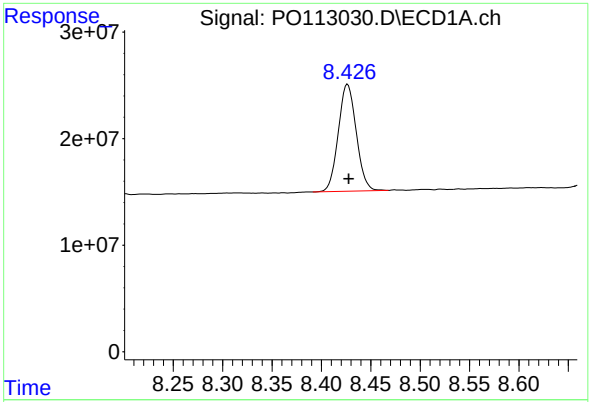
#44 AR-1268-4

R.T.: 8.136 min
Delta R.T.: 0.000 min
Response: 18929121
Conc: 39.71 ng/ml



#44 AR-1268-4

R.T.: 8.091 min
Delta R.T.: -0.002 min
Response: 5337454
Conc: 43.36 ng/ml



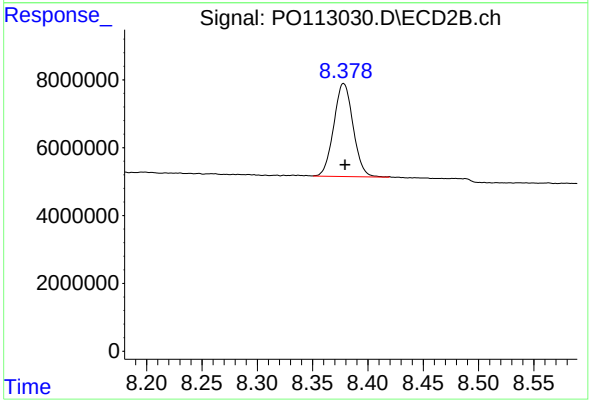
#45 AR-1268-5

R.T.: 8.426 min
Delta R.T.: -0.001 min
Response: 127075085
Conc: 37.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



#45 AR-1268-5

R.T.: 8.378 min
Delta R.T.: -0.002 min
Response: 33329844
Conc: 41.01 ng/ml m

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113031.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 18:43
Operator : YP/AJ
Sample : PO081825ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO081825

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 06:12:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.664	3.656	421.2E6	257.1E6	51.444	50.806
2)	SA Decachlor...	8.683	8.627	372.2E6	96647256	53.698	51.005
	Target Compounds						
3)	L1 AR-1016-1	4.749	4.730	137.6E6	85391020	515.534	500.611
4)	L1 AR-1016-2	4.768	4.748	211.7E6	130.2E6	527.272	505.299
5)	L1 AR-1016-3	4.824	4.923	133.0E6	68472860	521.464	490.443
6)	L1 AR-1016-4	4.944	4.965	107.5E6	55300476	492.995	473.873
7)	L1 AR-1016-5	5.201	5.177	118.9E6	73202918	536.621	513.597
31)	L7 AR-1260-1	6.237	6.205	236.4E6	125.3E6	530.174	491.120
32)	L7 AR-1260-2	6.427	6.393	354.3E6	168.6E6	515.877	487.582
33)	L7 AR-1260-3	6.792	6.544	320.0E6	145.5E6	518.199	489.302
34)	L7 AR-1260-4	7.051	7.013	233.4E6	99741058	521.185	481.261
35)	L7 AR-1260-5	7.295	7.255	647.1E6	222.8E6	534.473	475.684

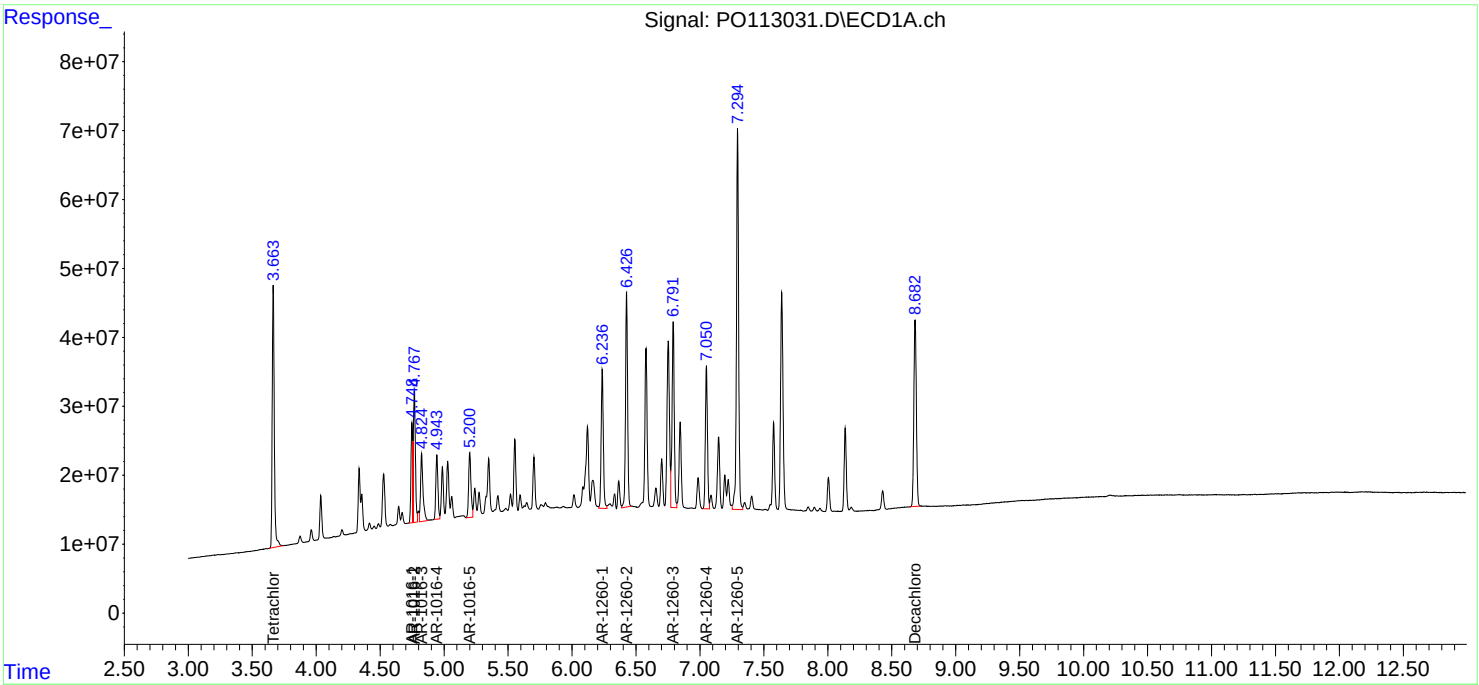
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

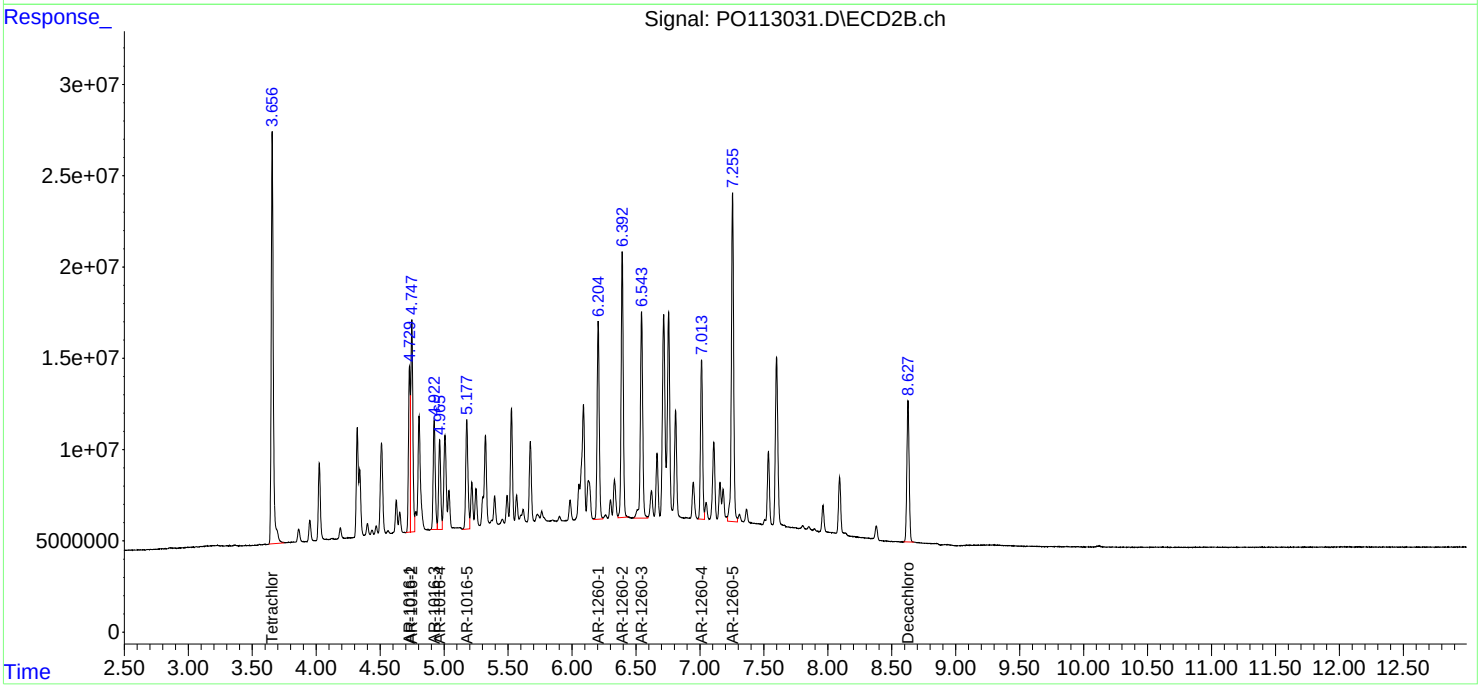
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113031.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 18:43
Operator : YP/AJ
Sample : PO081825ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

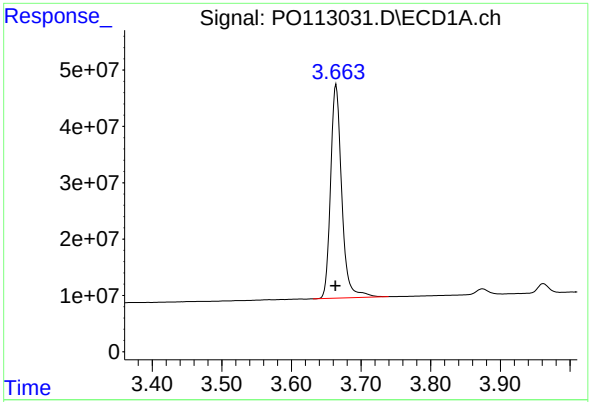
Instrument :
ECD_O
ClientSampleId :
ICVPO081825

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 06:12:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



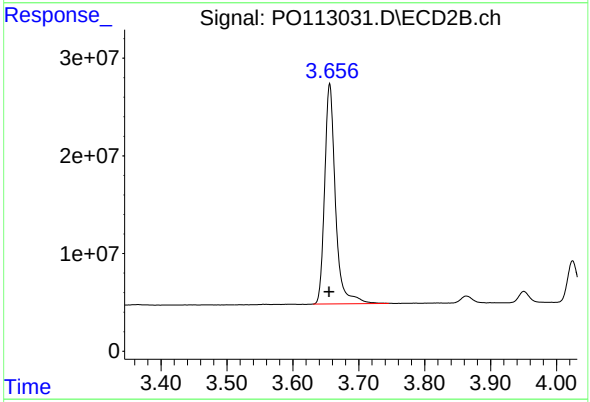




#1 Tetrachloro-m-xylene

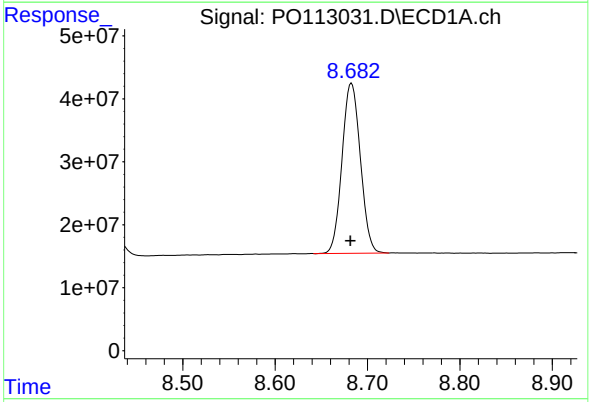
R.T.: 3.664 min
Delta R.T.: 0.001 min
Response: 421154022
Conc: 51.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO081825



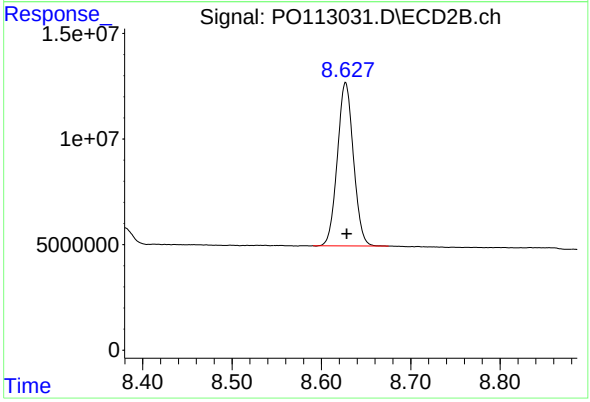
#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: 0.001 min
Response: 257112662
Conc: 50.81 ng/ml



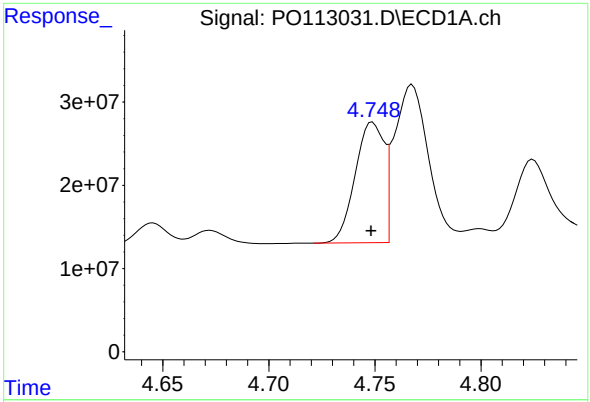
#2 Decachlorobiphenyl

R.T.: 8.683 min
Delta R.T.: 0.001 min
Response: 372207788
Conc: 53.70 ng/ml



#2 Decachlorobiphenyl

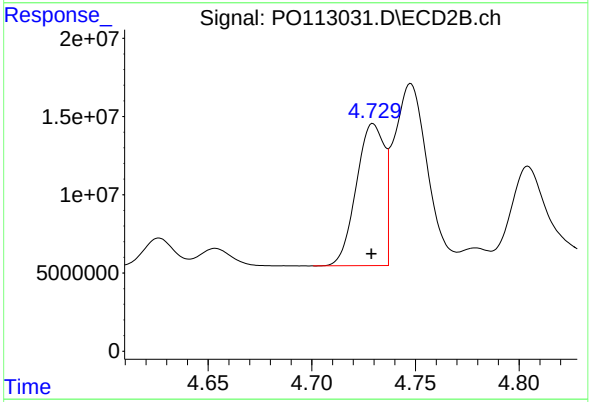
R.T.: 8.627 min
Delta R.T.: -0.001 min
Response: 96647256
Conc: 51.01 ng/ml



#3 AR-1016-1

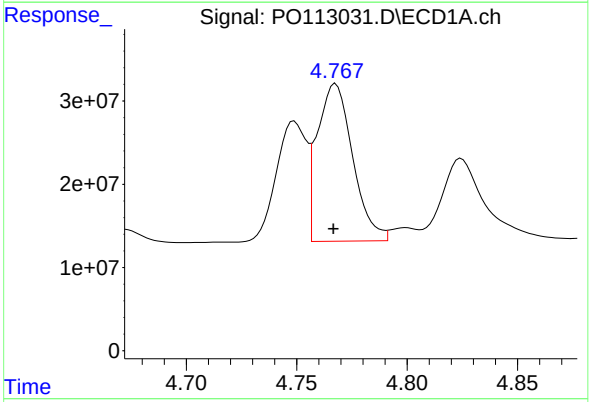
R.T.: 4.749 min
Delta R.T.: 0.000 min
Response: 137639689
Conc: 515.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO081825



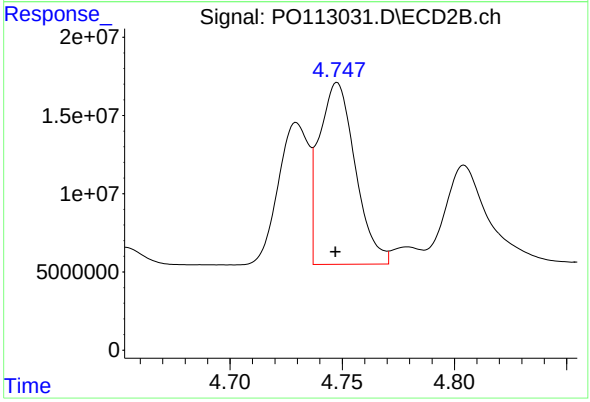
#3 AR-1016-1

R.T.: 4.730 min
Delta R.T.: 0.000 min
Response: 85391020
Conc: 500.61 ng/ml



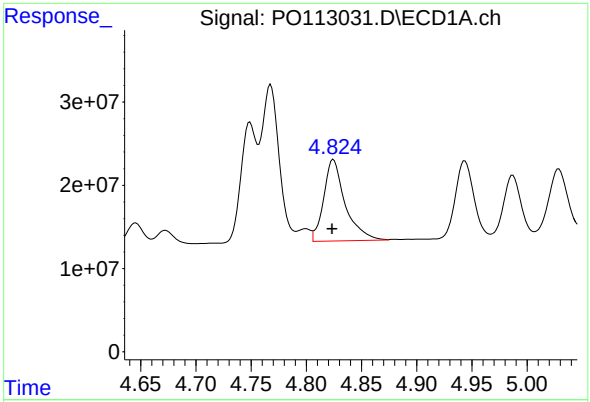
#4 AR-1016-2

R.T.: 4.768 min
Delta R.T.: 0.001 min
Response: 211663540
Conc: 527.27 ng/ml



#4 AR-1016-2

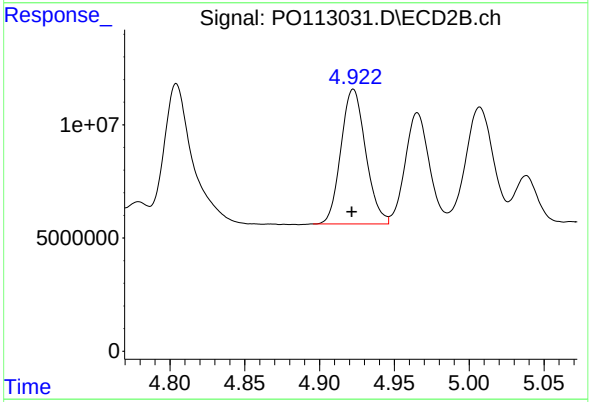
R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 130193385
Conc: 505.30 ng/ml



#5 AR-1016-3

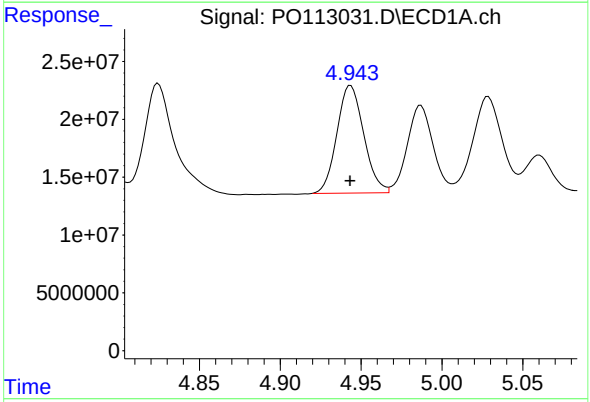
R.T.: 4.824 min
Delta R.T.: 0.001 min
Response: 132985108
Conc: 521.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO081825



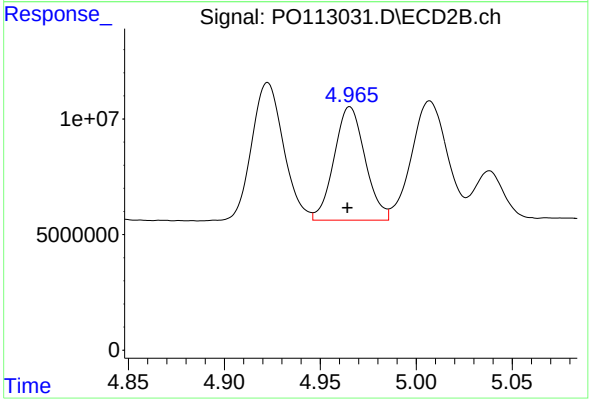
#5 AR-1016-3

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 68472860
Conc: 490.44 ng/ml



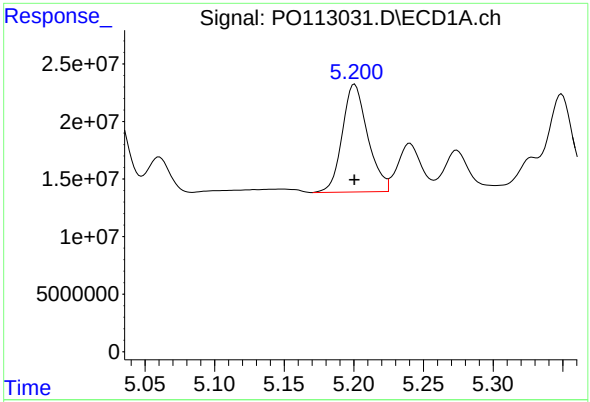
#6 AR-1016-4

R.T.: 4.944 min
Delta R.T.: 0.000 min
Response: 107506485
Conc: 493.00 ng/ml



#6 AR-1016-4

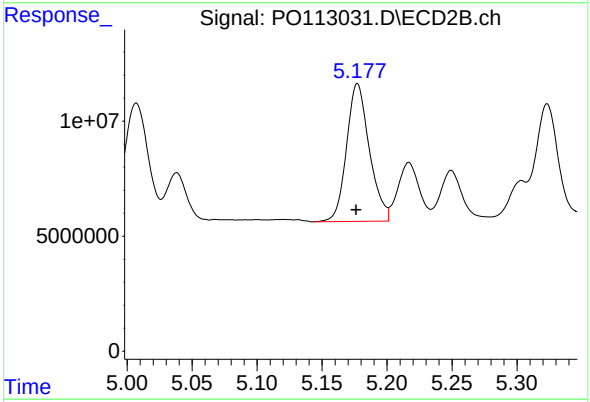
R.T.: 4.965 min
Delta R.T.: 0.001 min
Response: 55300476
Conc: 473.87 ng/ml



#7 AR-1016-5

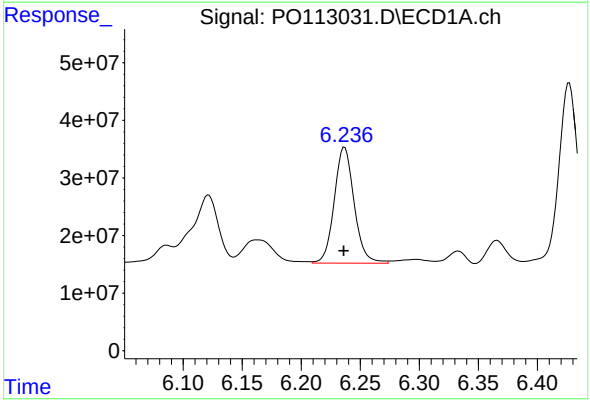
R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 118930266
Conc: 536.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO081825



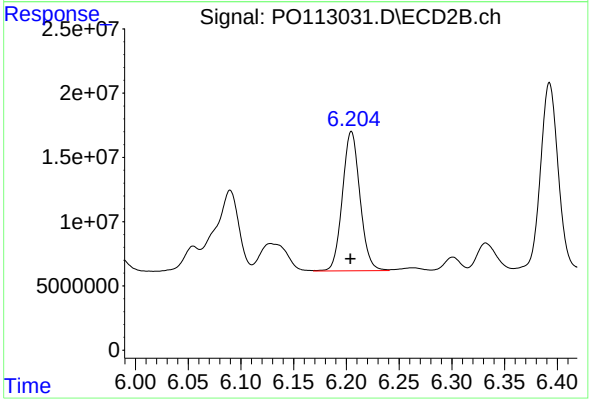
#7 AR-1016-5

R.T.: 5.177 min
Delta R.T.: 0.001 min
Response: 73202918
Conc: 513.60 ng/ml



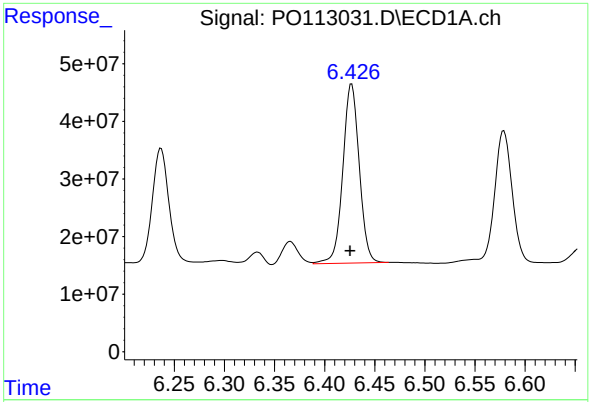
#31 AR-1260-1

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 236447246
Conc: 530.17 ng/ml



#31 AR-1260-1

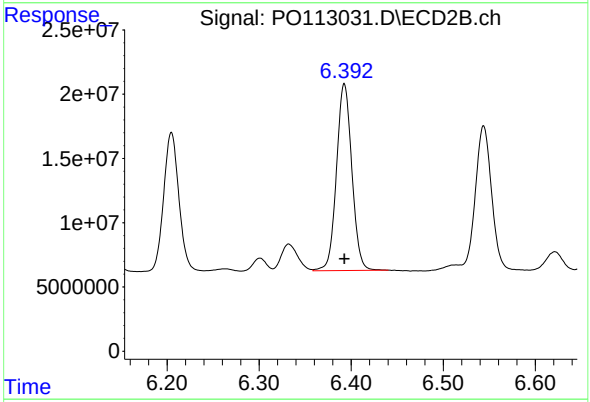
R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 125269399
Conc: 491.12 ng/ml



#32 AR-1260-2

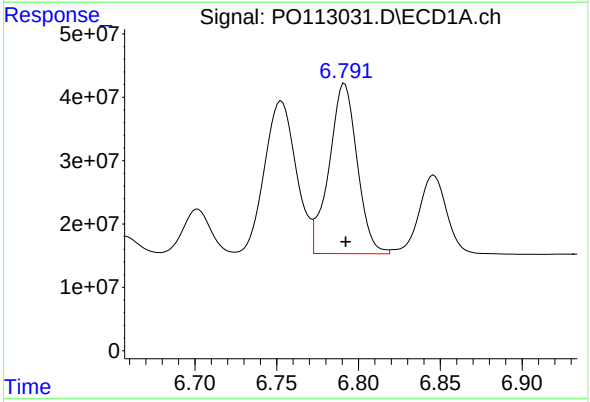
R.T.: 6.427 min
Delta R.T.: 0.001 min
Response: 354263821
Conc: 515.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO081825



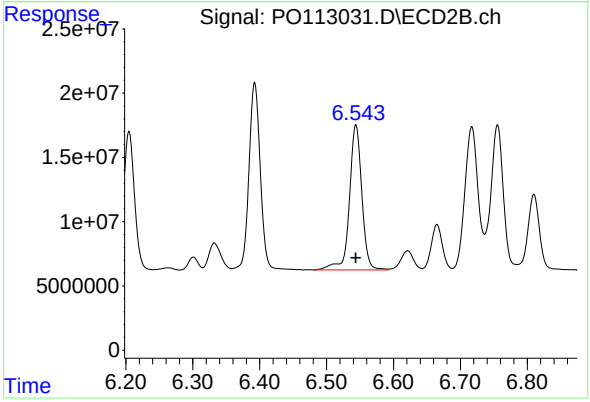
#32 AR-1260-2

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 168563000
Conc: 487.58 ng/ml



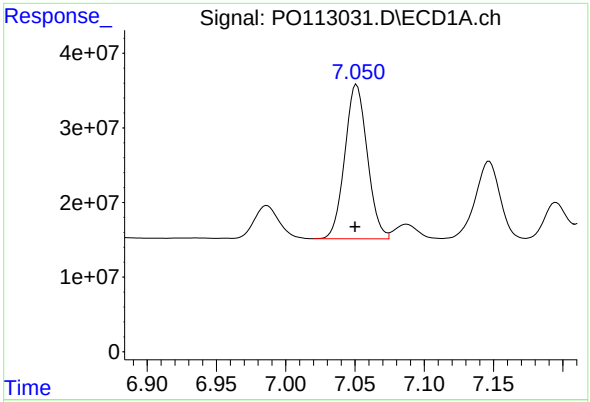
#33 AR-1260-3

R.T.: 6.792 min
Delta R.T.: 0.000 min
Response: 319974358
Conc: 518.20 ng/ml



#33 AR-1260-3

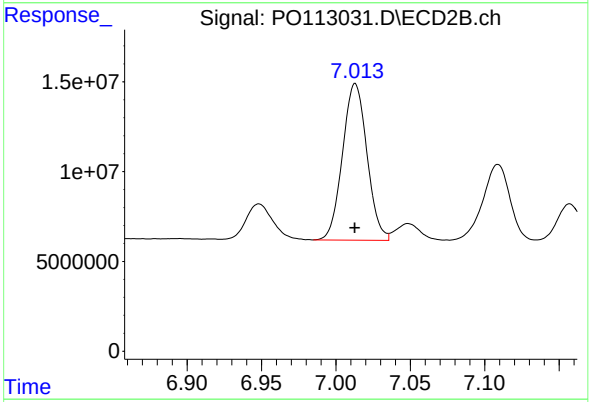
R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 145534823
Conc: 489.30 ng/ml



#34 AR-1260-4

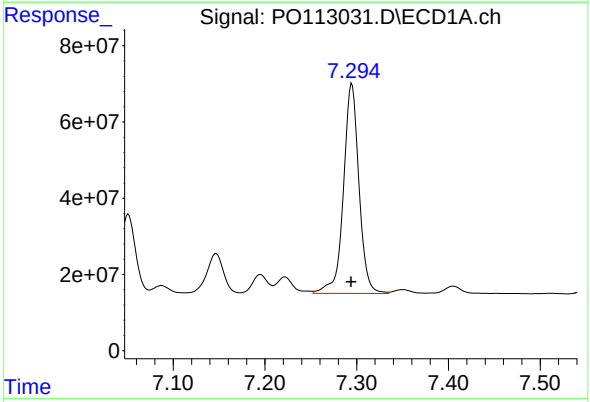
R.T.: 7.051 min
Delta R.T.: 0.001 min
Response: 233425397
Conc: 521.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO081825



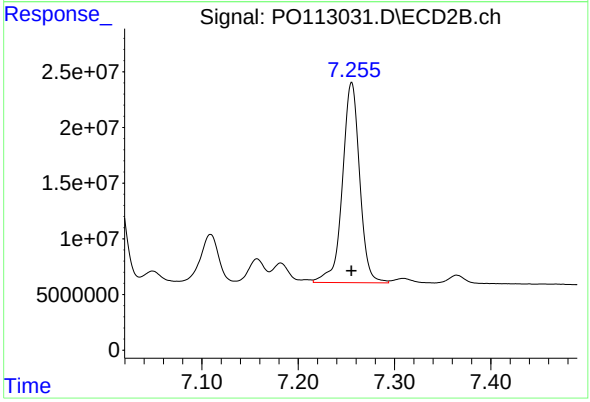
#34 AR-1260-4

R.T.: 7.013 min
Delta R.T.: 0.000 min
Response: 99741058
Conc: 481.26 ng/ml



#35 AR-1260-5

R.T.: 7.295 min
Delta R.T.: 0.000 min
Response: 647078447
Conc: 534.47 ng/ml



#35 AR-1260-5

R.T.: 7.255 min
Delta R.T.: 0.000 min
Response: 222824365
Conc: 475.68 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113032.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 19:37
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO081825AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 06:20:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.664	3.656	429.6E6	262.9E6	52.476	51.959
2)	SA Decachlor...	8.682	8.627	379.6E6	100.8E6	54.772	53.212
	Target Compounds						
16)	L4 AR-1242-1	4.750	4.730	118.2E6	75544744	513.948	522.785
17)	L4 AR-1242-2	4.767	4.748	180.5E6	112.1E6	525.410	516.997
18)	L4 AR-1242-3	4.825	4.923	114.2E6	58830110	514.501	502.975
19)	L4 AR-1242-4	4.944	5.008	91221670	57727565	525.886	490.725
20)	L4 AR-1242-5	5.594	5.526	103.3E6	75933701	515.841	509.168

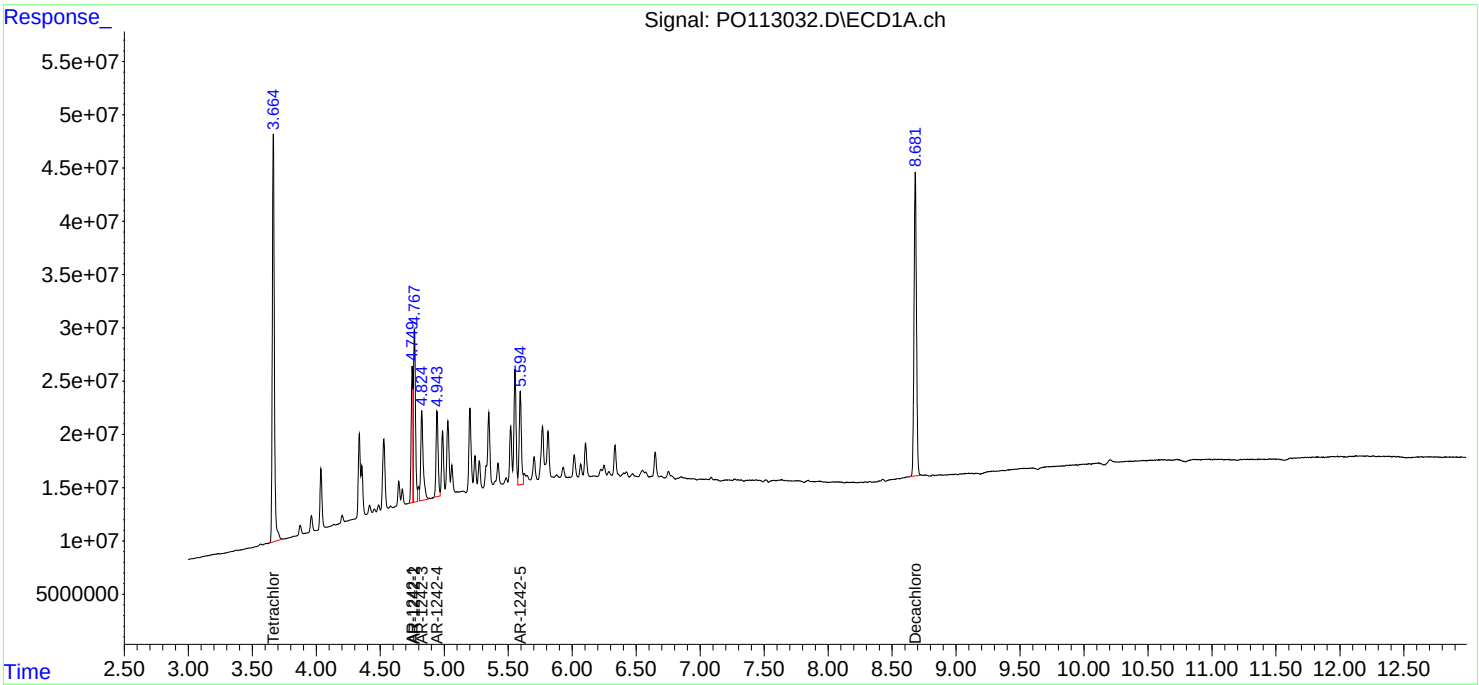
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

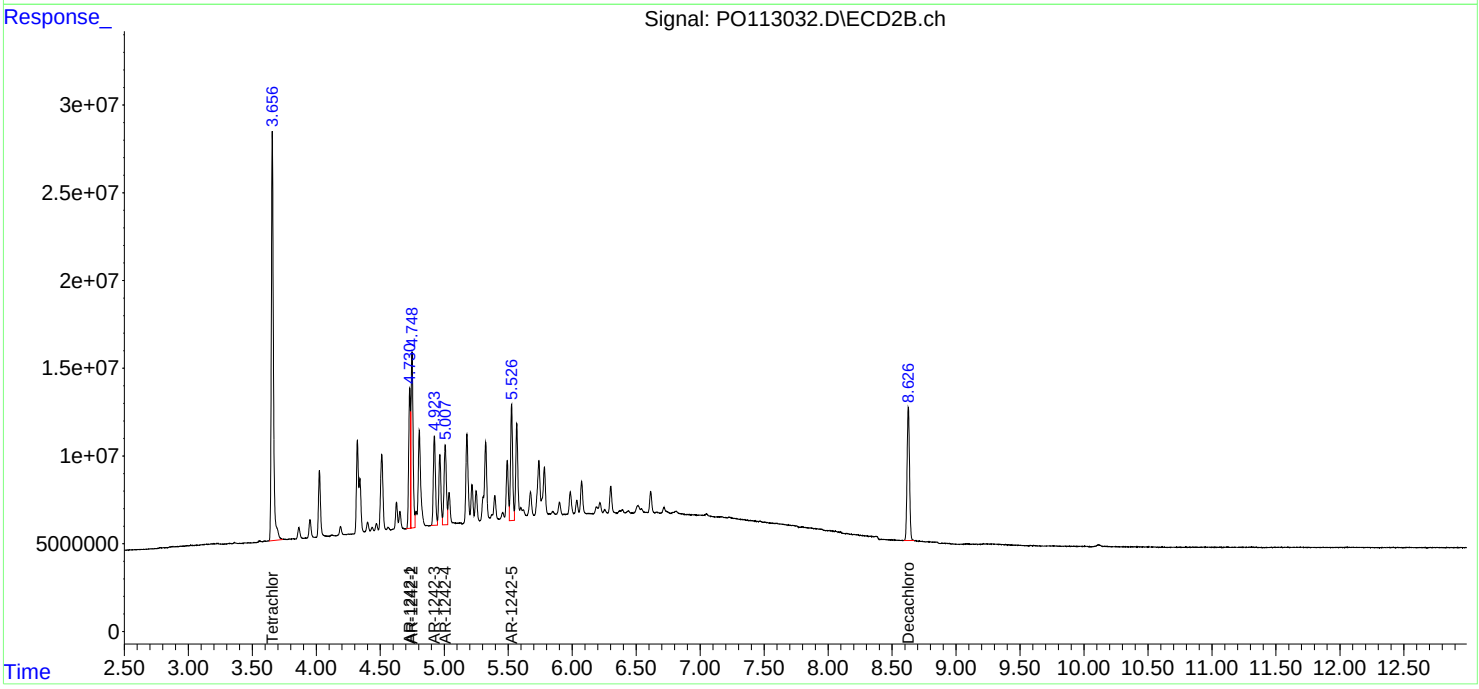
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113032.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 19:37
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 12 Sample Multiplier: 1

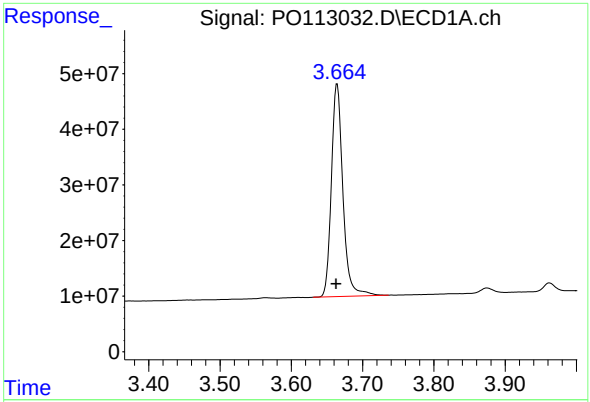
Instrument :
ECD_O
ClientSampleId :
ICVPO081825AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 06:20:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



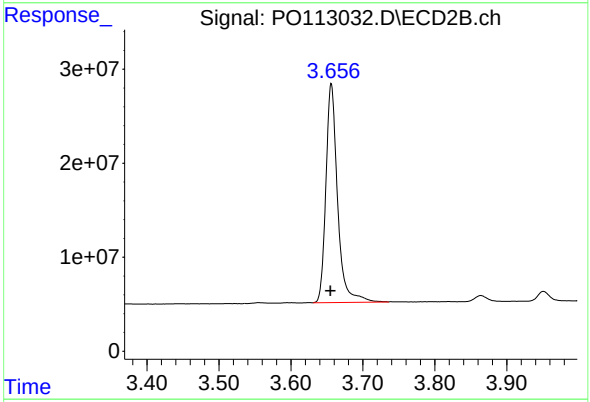




#1 Tetrachloro-m-xylene

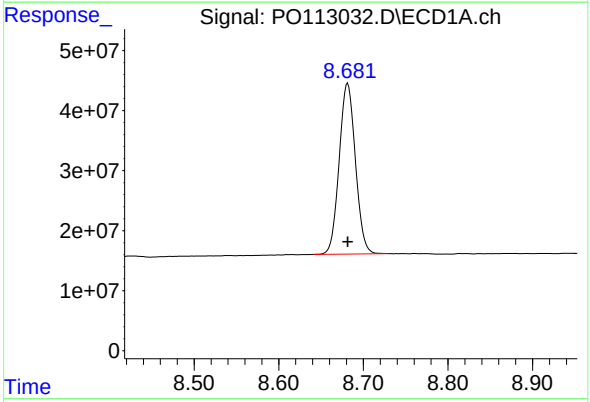
R.T.: 3.664 min
Delta R.T.: 0.001 min
Response: 429595535
Conc: 52.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO081825AR1242



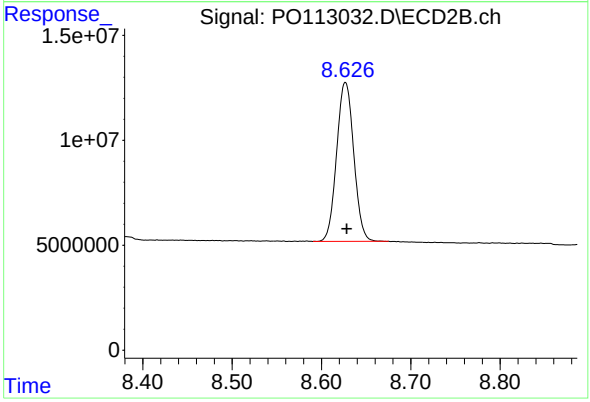
#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: 0.001 min
Response: 262944810
Conc: 51.96 ng/ml



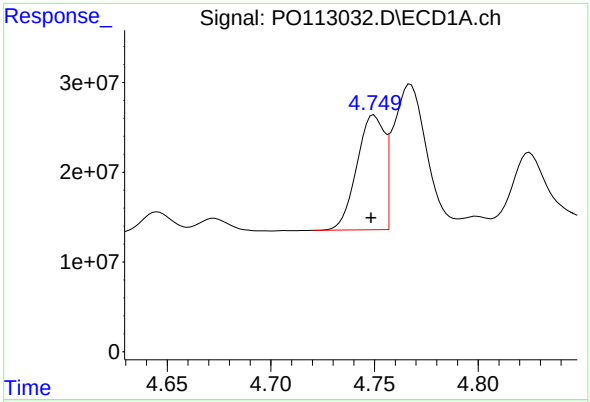
#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 379648194
Conc: 54.77 ng/ml



#2 Decachlorobiphenyl

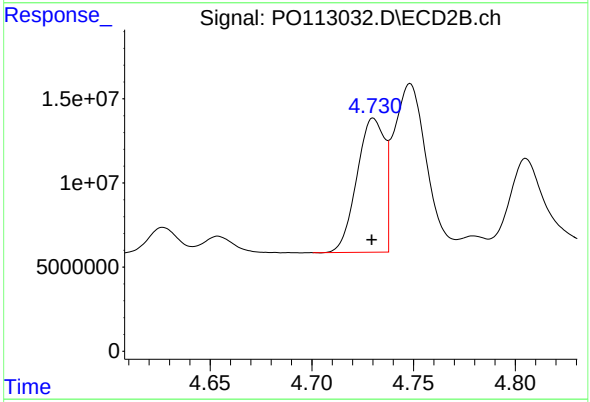
R.T.: 8.627 min
Delta R.T.: -0.002 min
Response: 100827827
Conc: 53.21 ng/ml



#16 AR-1242-1

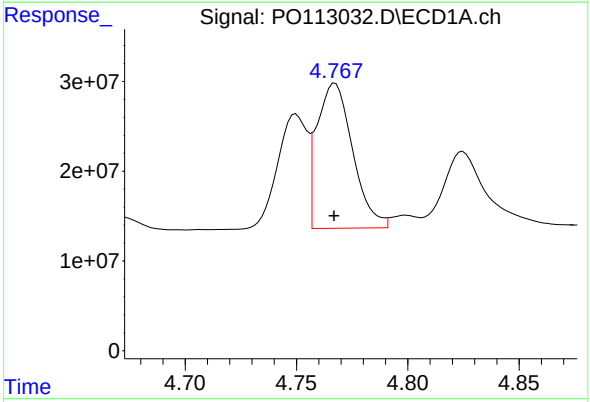
R.T.: 4.750 min
Delta R.T.: 0.001 min
Response: 118173090
Conc: 513.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO081825AR1242



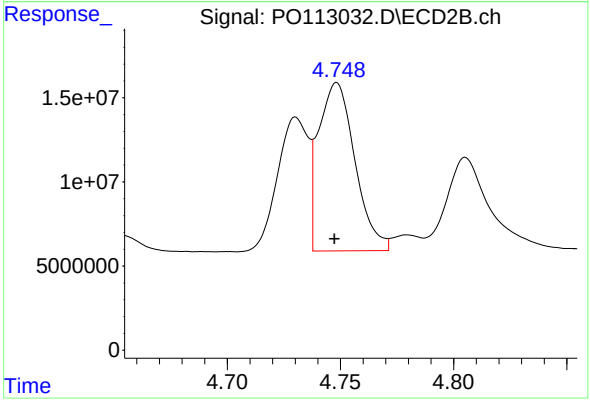
#16 AR-1242-1

R.T.: 4.730 min
Delta R.T.: 0.000 min
Response: 75544744
Conc: 522.79 ng/ml



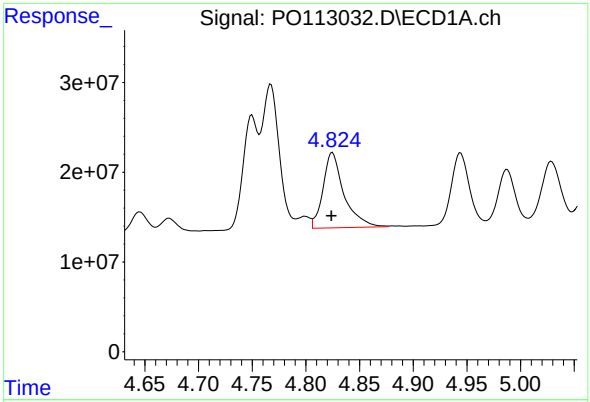
#17 AR-1242-2

R.T.: 4.767 min
Delta R.T.: 0.000 min
Response: 180544145
Conc: 525.41 ng/ml



#17 AR-1242-2

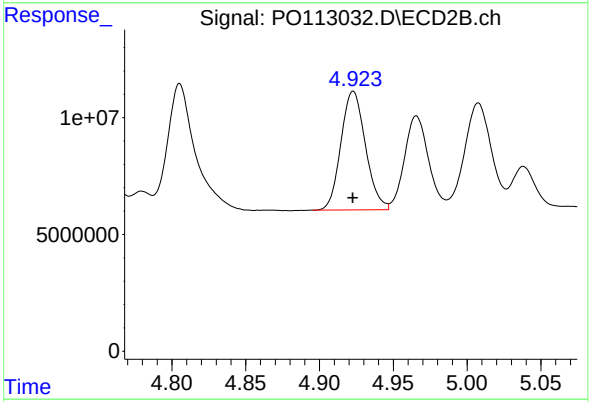
R.T.: 4.748 min
Delta R.T.: 0.001 min
Response: 112142400
Conc: 517.00 ng/ml



#18 AR-1242-3

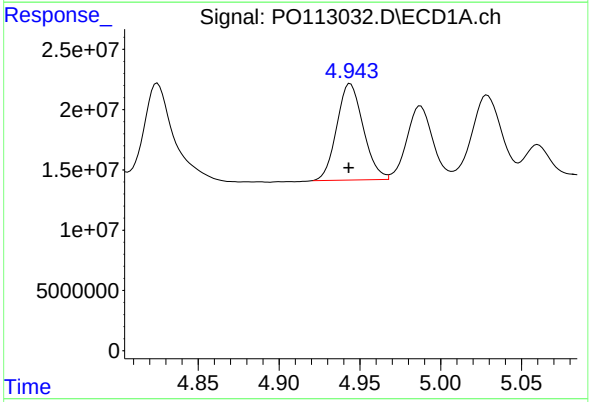
R.T.: 4.825 min
Delta R.T.: 0.000 min
Response: 114159730
Conc: 514.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO081825AR1242



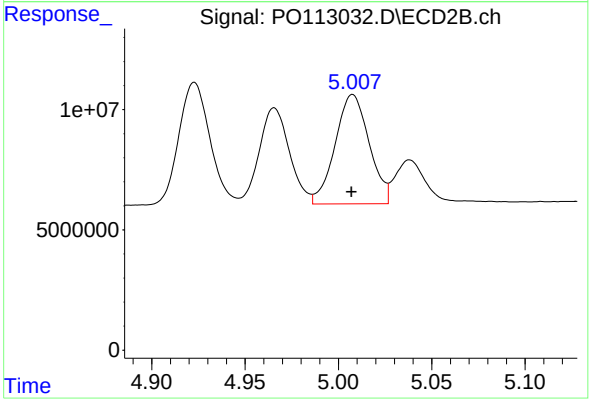
#18 AR-1242-3

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 58830110
Conc: 502.97 ng/ml



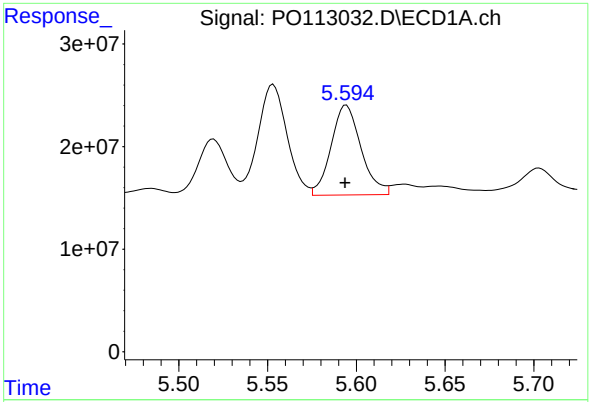
#19 AR-1242-4

R.T.: 4.944 min
Delta R.T.: 0.001 min
Response: 91221670
Conc: 525.89 ng/ml



#19 AR-1242-4

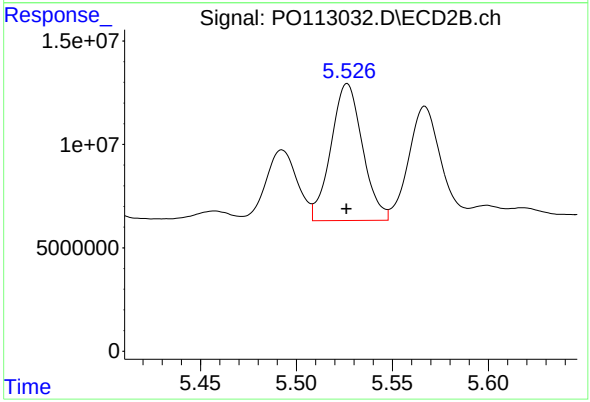
R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 57727565
Conc: 490.72 ng/ml



#20 AR-1242-5

R.T.: 5.594 min
Delta R.T.: 0.000 min
Response: 103251947
Conc: 515.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO081825AR1242



#20 AR-1242-5

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 75933701
Conc: 509.17 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113033.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 19:54
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO081825AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 06:13:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.662	3.656	399.7E6	241.4E6	48.828	47.707
2)	SA Decachlor...	8.680	8.627	370.4E6	97965710	53.439	51.701
	Target Compounds						
21)	L5 AR-1248-1	4.746	4.729	85766360	54333412	491.593	487.243
22)	L5 AR-1248-2	4.984	4.965	115.6E6	76798982	478.136	477.906
23)	L5 AR-1248-3	5.198	5.006	150.7E6	80662868	472.629	475.436
24)	L5 AR-1248-4	5.551	5.177	233.0E6	95159179	466.303	477.659
25)	L5 AR-1248-5	5.592	5.566	156.4E6	99002926	457.862	466.343

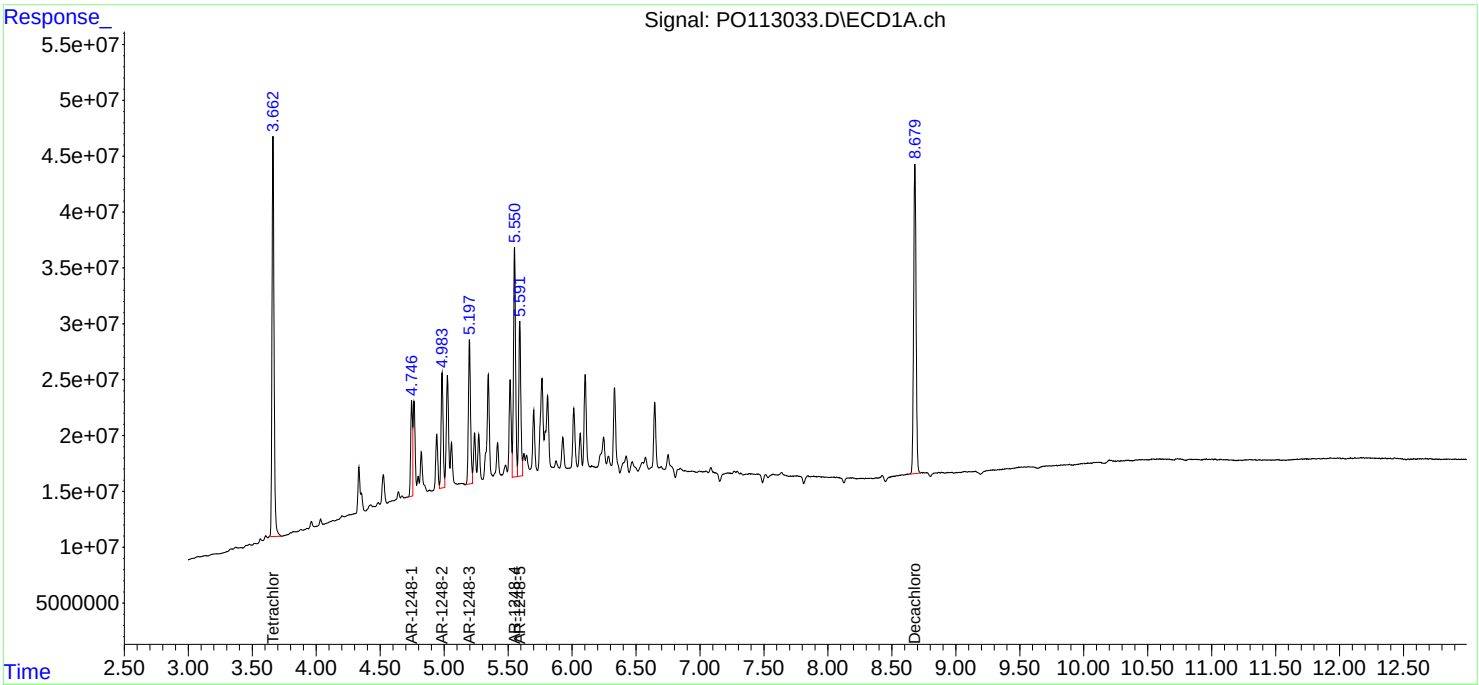
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

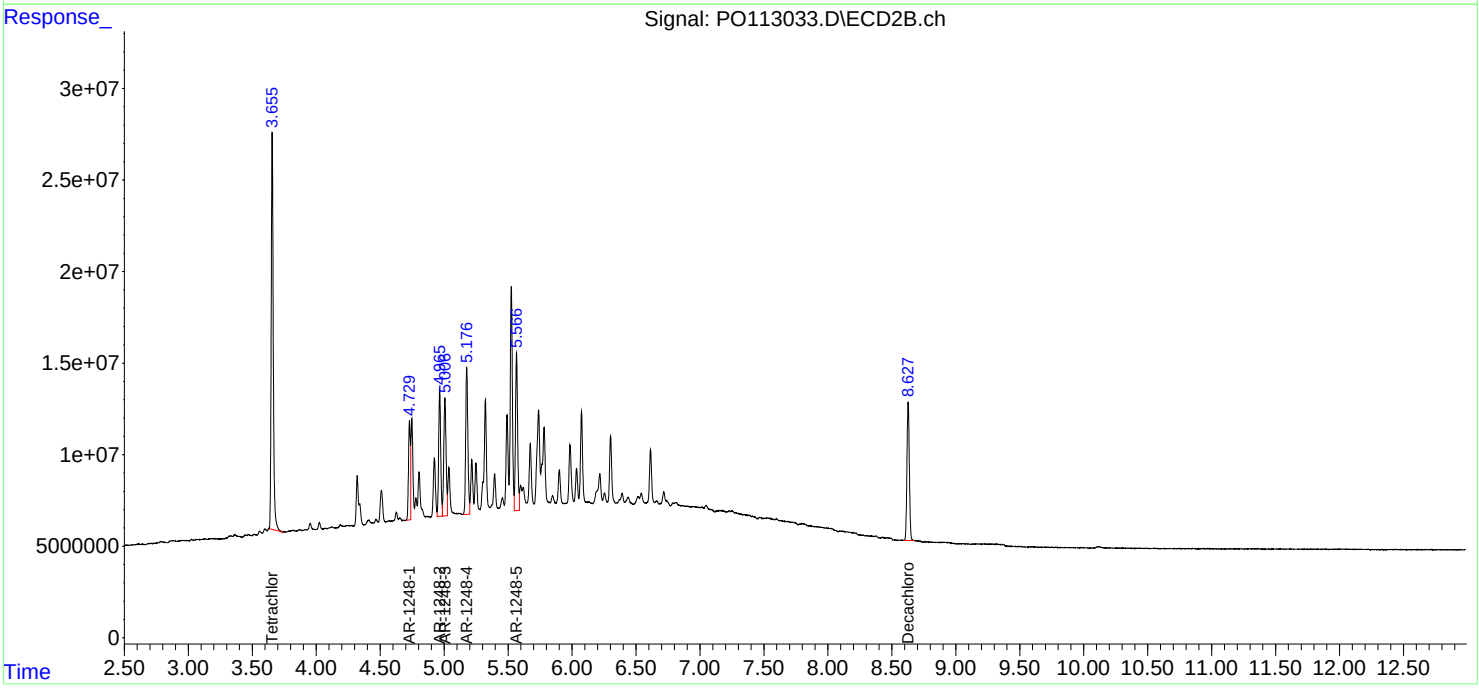
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113033.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 19:54
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

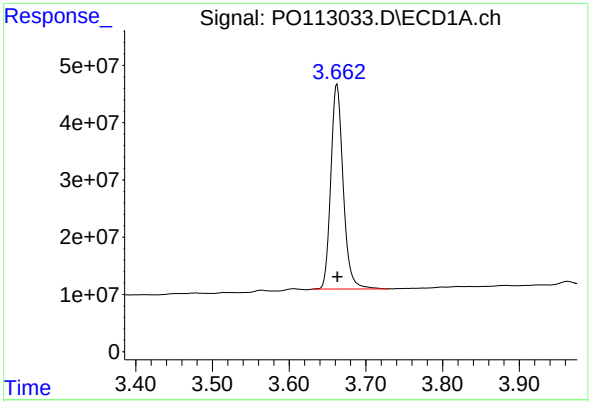
Instrument :
ECD_O
ClientSampleId :
ICVPO081825AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 06:13:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



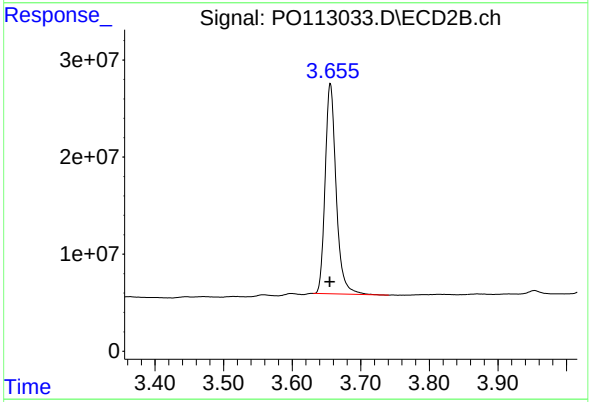




#1 Tetrachloro-m-xylene

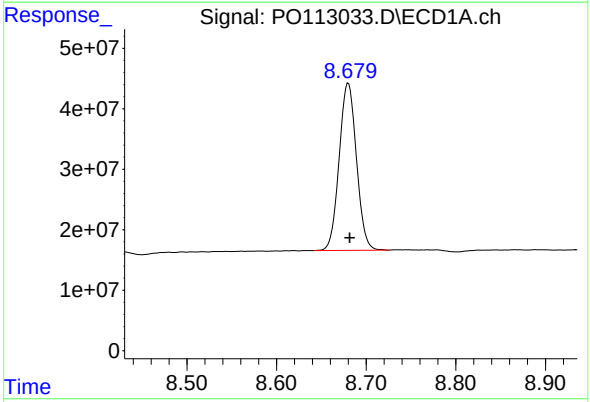
R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 399735073
Conc: 48.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO081825AR1248



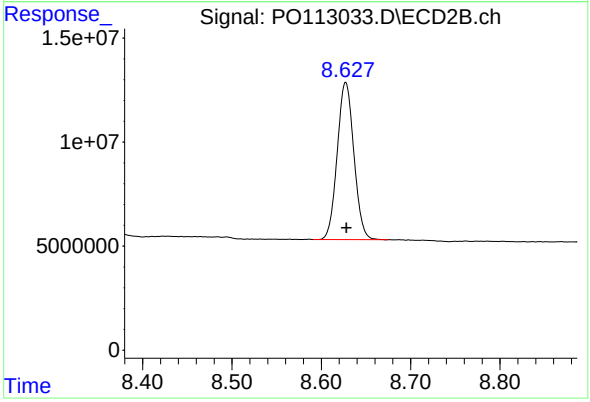
#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: 0.000 min
Response: 241430930
Conc: 47.71 ng/ml



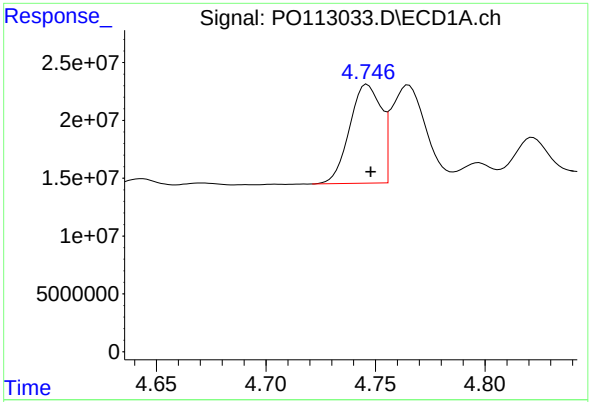
#2 Decachlorobiphenyl

R.T.: 8.680 min
Delta R.T.: -0.001 min
Response: 370405743
Conc: 53.44 ng/ml



#2 Decachlorobiphenyl

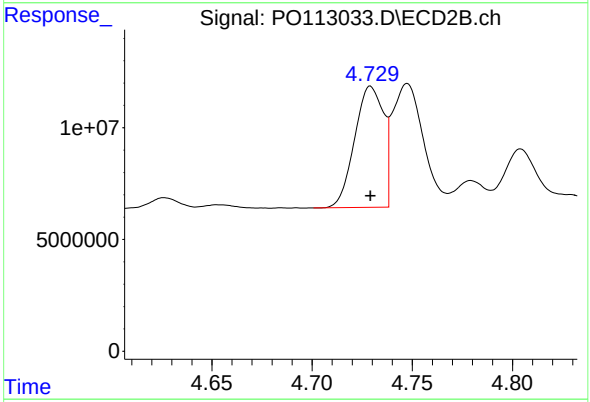
R.T.: 8.627 min
Delta R.T.: -0.001 min
Response: 97965710
Conc: 51.70 ng/ml



#21 AR-1248-1

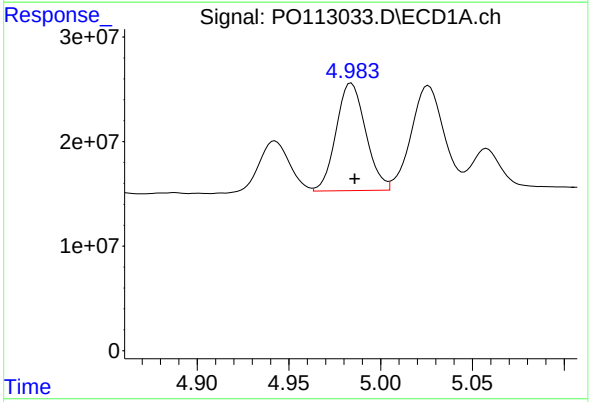
R.T.: 4.746 min
Delta R.T.: -0.002 min
Response: 85766360
Conc: 491.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO081825AR1248



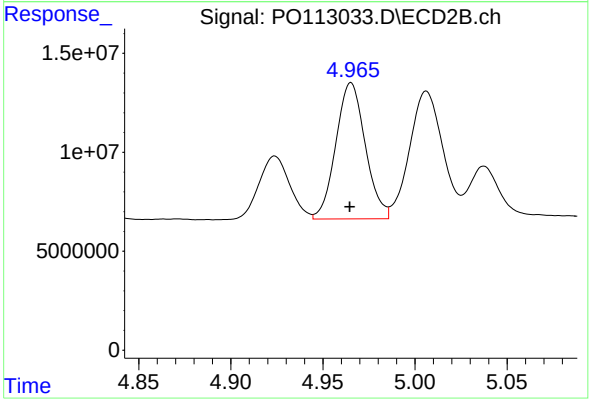
#21 AR-1248-1

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 54333412
Conc: 487.24 ng/ml



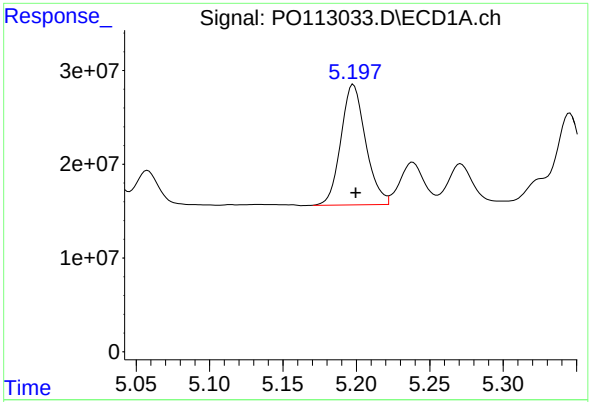
#22 AR-1248-2

R.T.: 4.984 min
Delta R.T.: -0.002 min
Response: 115644616
Conc: 478.14 ng/ml



#22 AR-1248-2

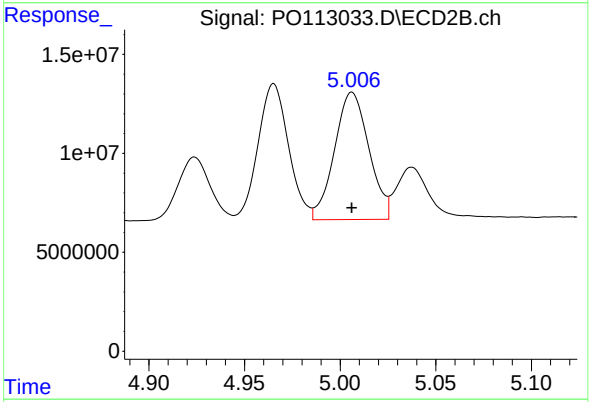
R.T.: 4.965 min
Delta R.T.: 0.000 min
Response: 76798982
Conc: 477.91 ng/ml



#23 AR-1248-3

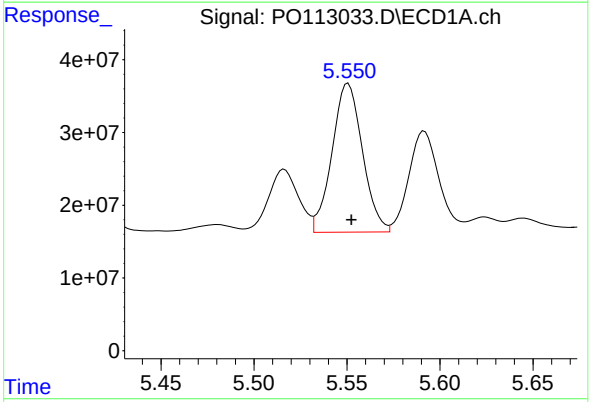
R.T.: 5.198 min
Delta R.T.: -0.002 min
Response: 150704340
Conc: 472.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO081825AR1248



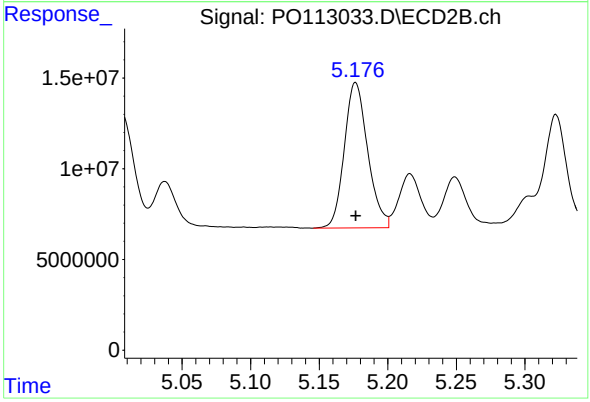
#23 AR-1248-3

R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 80662868
Conc: 475.44 ng/ml



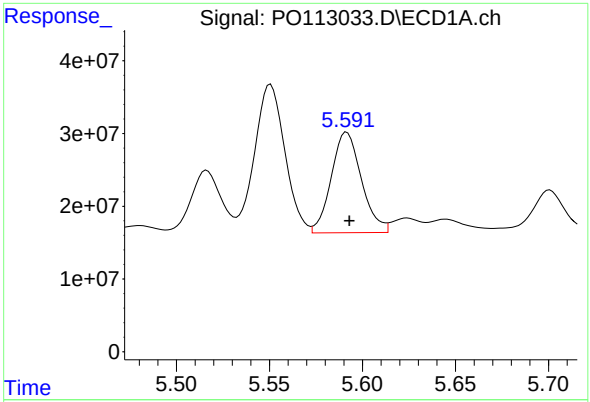
#24 AR-1248-4

R.T.: 5.551 min
Delta R.T.: -0.002 min
Response: 232967294
Conc: 466.30 ng/ml



#24 AR-1248-4

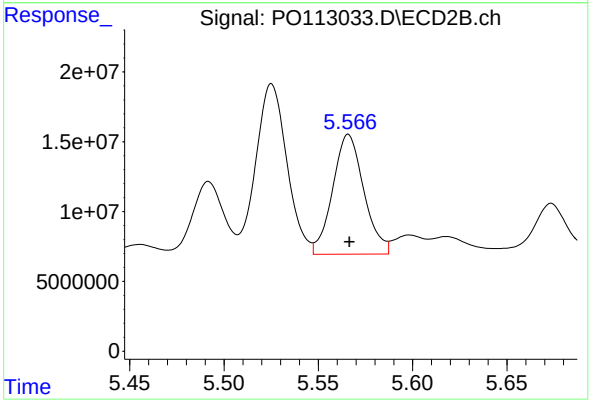
R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 95159179
Conc: 477.66 ng/ml



#25 AR-1248-5

R.T.: 5.592 min
Delta R.T.: -0.001 min
Response: 156355918
Conc: 457.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO081825AR1248



#25 AR-1248-5

R.T.: 5.566 min
Delta R.T.: 0.000 min
Response: 99002926
Conc: 466.34 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113034.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 20:31
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO081825AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 06:13:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.663	3.655	409.6E6	249.7E6	50.035	49.347
2)	SA Decachlor...	8.681	8.628	369.2E6	98078894	53.271	51.761
	Target Compounds						
26)	L6 AR-1254-1	5.552	5.526	255.6E6	152.1E6	473.260	482.262
27)	L6 AR-1254-2	5.701	5.673	233.3E6	135.4E6	472.888	482.834
28)	L6 AR-1254-3	6.104	6.074	358.7E6	203.2E6	485.481	487.357
29)	L6 AR-1254-4	6.334	6.301	267.7E6	131.5E6	480.676	478.371
30)	L6 AR-1254-5	6.752	6.717	344.2E6	166.4E6	490.961	465.595

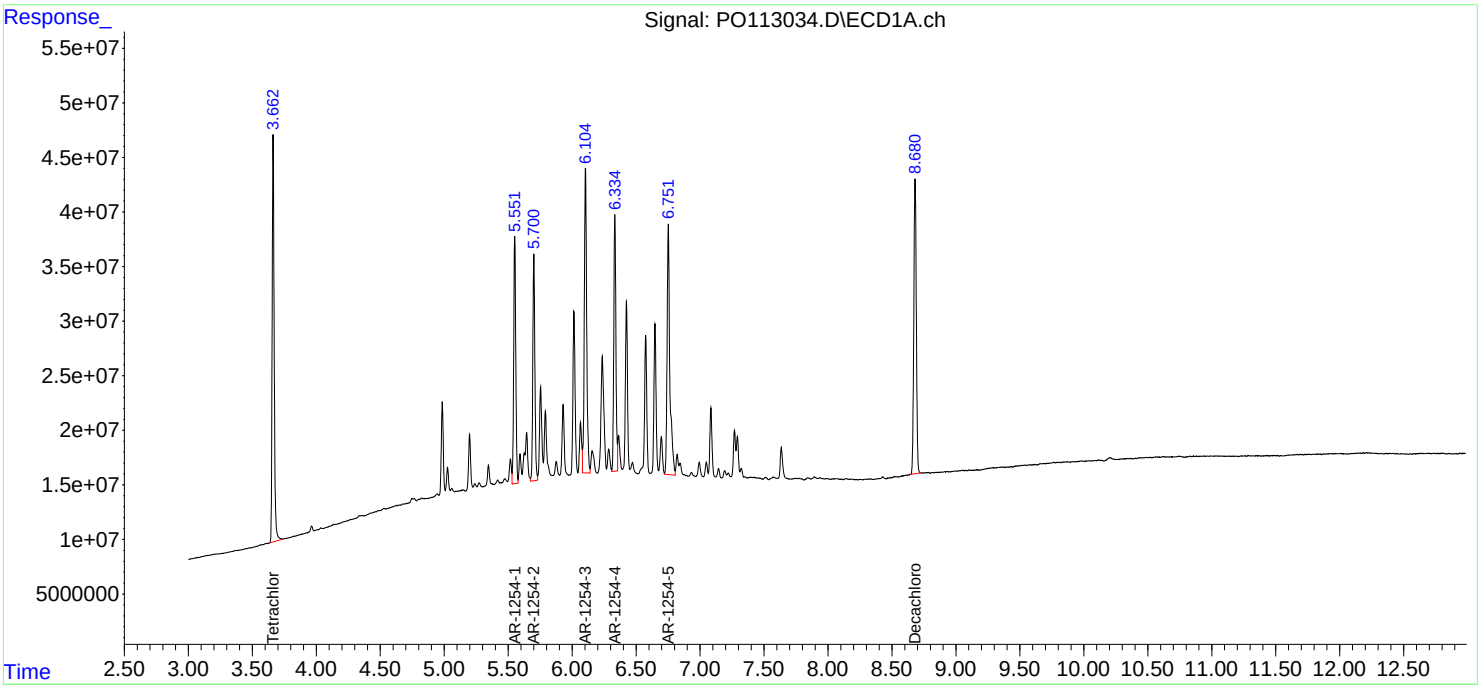
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

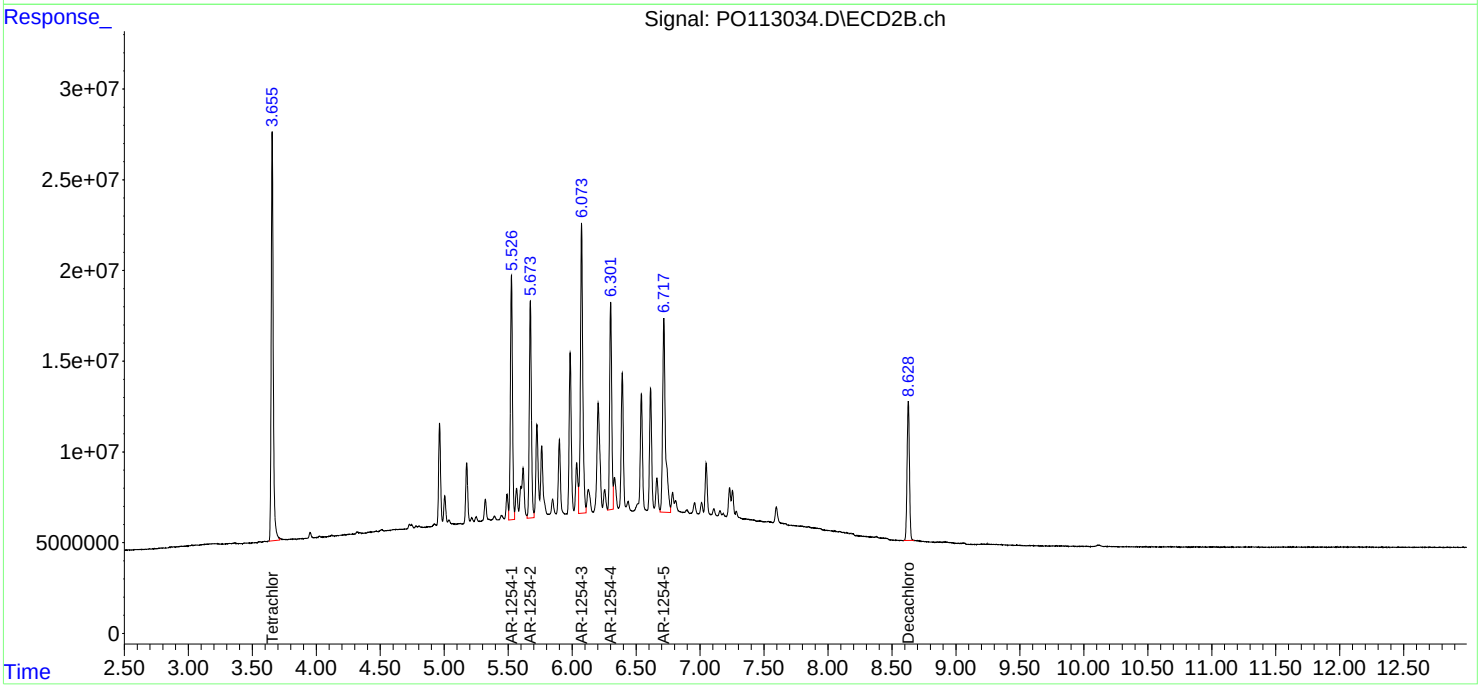
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113034.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 20:31
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

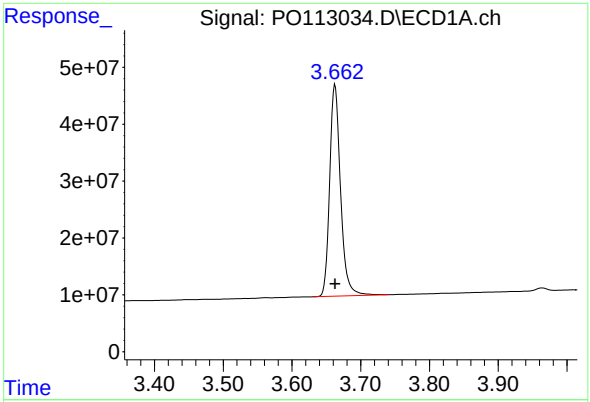
Instrument :
ECD_O
ClientSampleId :
ICVPO081825AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 06:13:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



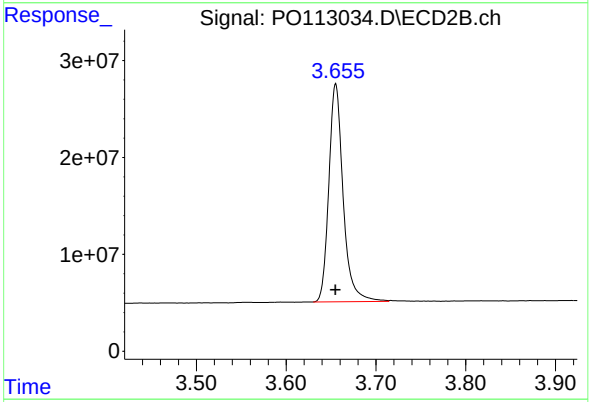




#1 Tetrachloro-m-xylene

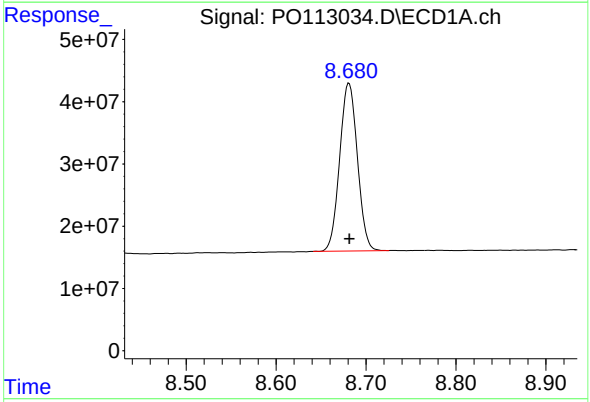
R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 409616357
Conc: 50.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO081825AR1254



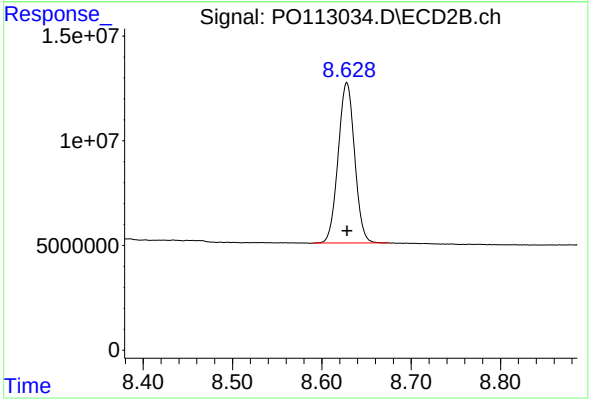
#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 249730229
Conc: 49.35 ng/ml



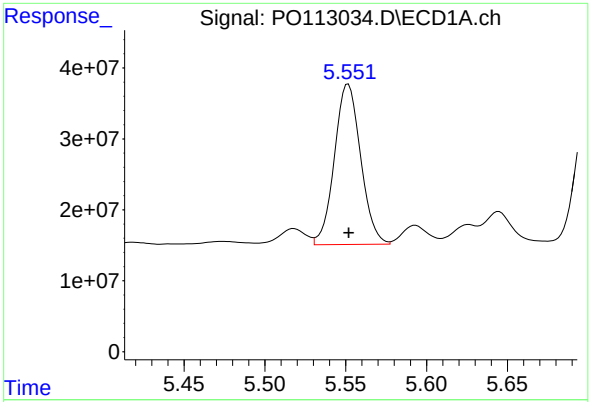
#2 Decachlorobiphenyl

R.T.: 8.681 min
Delta R.T.: 0.000 min
Response: 369246639
Conc: 53.27 ng/ml



#2 Decachlorobiphenyl

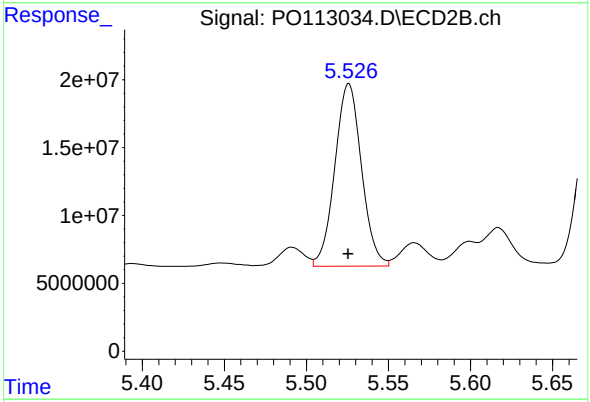
R.T.: 8.628 min
Delta R.T.: 0.000 min
Response: 98078894
Conc: 51.76 ng/ml



#26 AR-1254-1

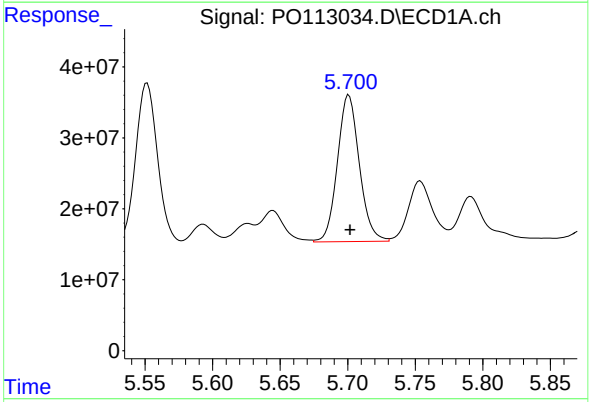
R.T.: 5.552 min
Delta R.T.: 0.000 min
Response: 255550302
Conc: 473.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO081825AR1254



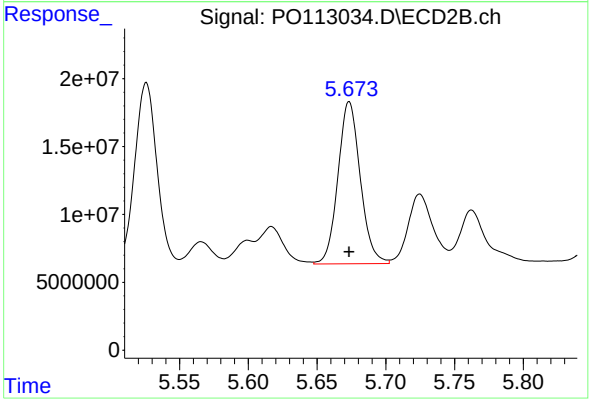
#26 AR-1254-1

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 152083207
Conc: 482.26 ng/ml



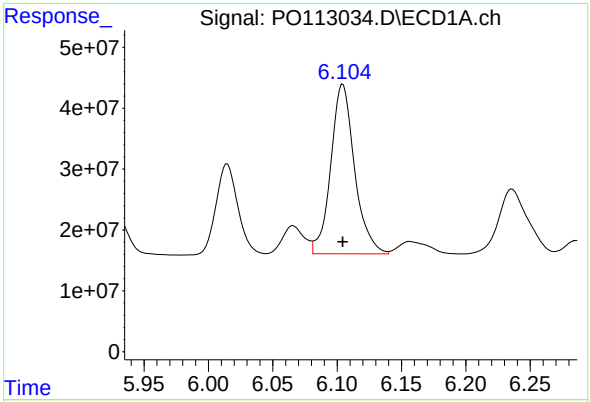
#27 AR-1254-2

R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 233348251
Conc: 472.89 ng/ml



#27 AR-1254-2

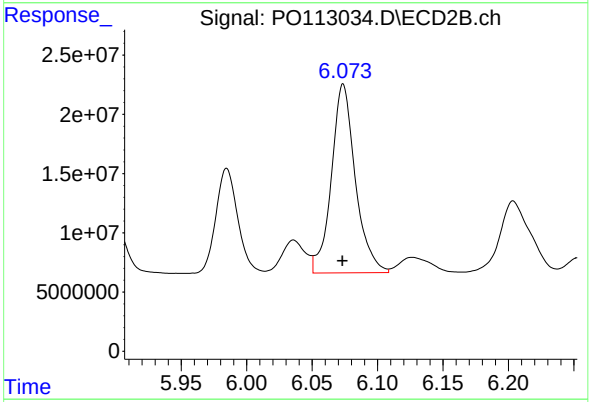
R.T.: 5.673 min
Delta R.T.: 0.000 min
Response: 135357440
Conc: 482.83 ng/ml



#28 AR-1254-3

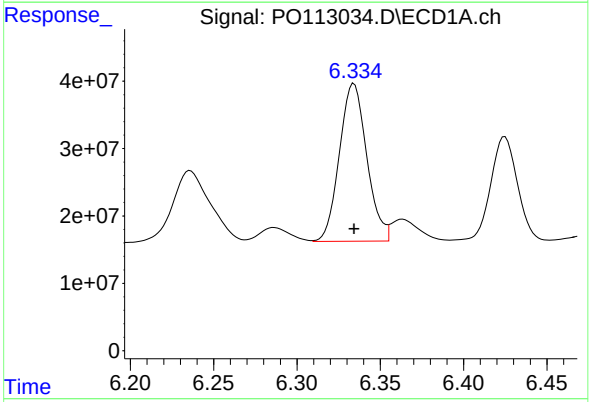
R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 358711078
Conc: 485.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO081825AR1254



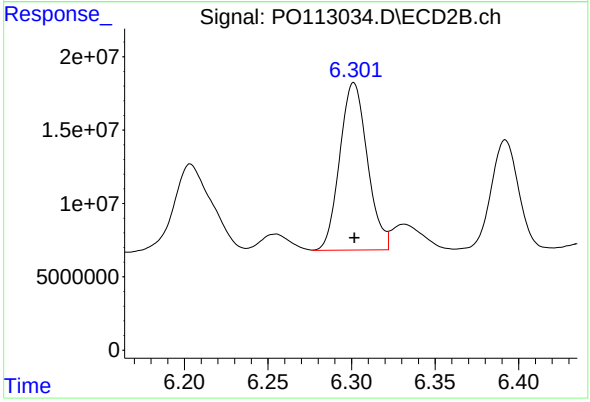
#28 AR-1254-3

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 203189857
Conc: 487.36 ng/ml



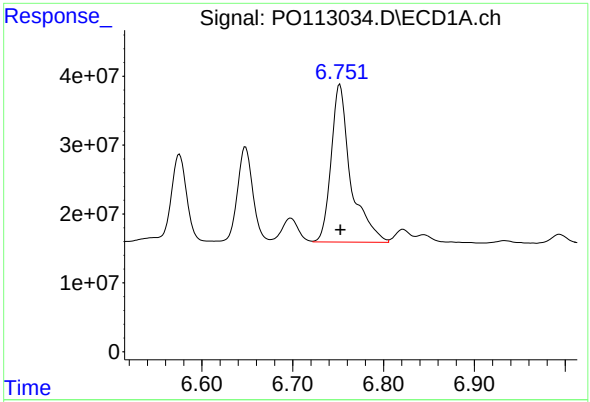
#29 AR-1254-4

R.T.: 6.334 min
Delta R.T.: 0.000 min
Response: 267736434
Conc: 480.68 ng/ml



#29 AR-1254-4

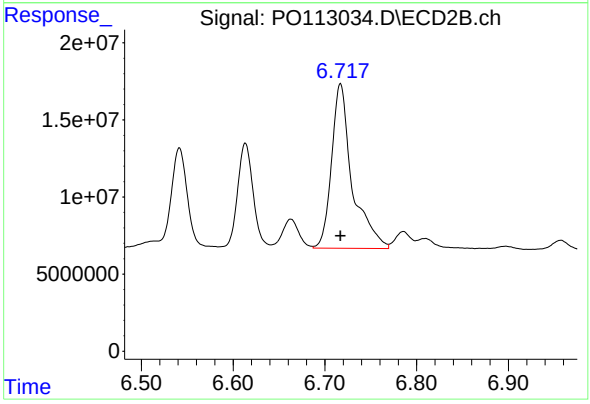
R.T.: 6.301 min
Delta R.T.: 0.000 min
Response: 131473408
Conc: 478.37 ng/ml



#30 AR-1254-5

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 344150543
Conc: 490.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO081825AR1254



#30 AR-1254-5

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 166445848
Conc: 465.60 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113035.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 21:07
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO081825AR1268

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:58:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:57:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.664	3.656	429.5E6	261.1E6	52.886	52.521
2)	SA Decachlor...	8.682	8.627	678.8E6	177.0E6	51.133	51.189
	Target Compounds						
41)	L9 AR-1268-1	7.577	7.537	888.4E6	255.4E6	516.244	501.241
42)	L9 AR-1268-2	7.642	7.602	745.6E6	207.2E6	514.846	498.702
43)	L9 AR-1268-3	7.846	7.805	631.0E6	163.1E6	523.061	499.640
44)	L9 AR-1268-4	8.137	8.092	241.9E6	62721591	525.077	520.802
45)	L9 AR-1268-5	8.429	8.379	1632.4E6	402.4E6	511.965	515.245m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113035.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 21:07
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

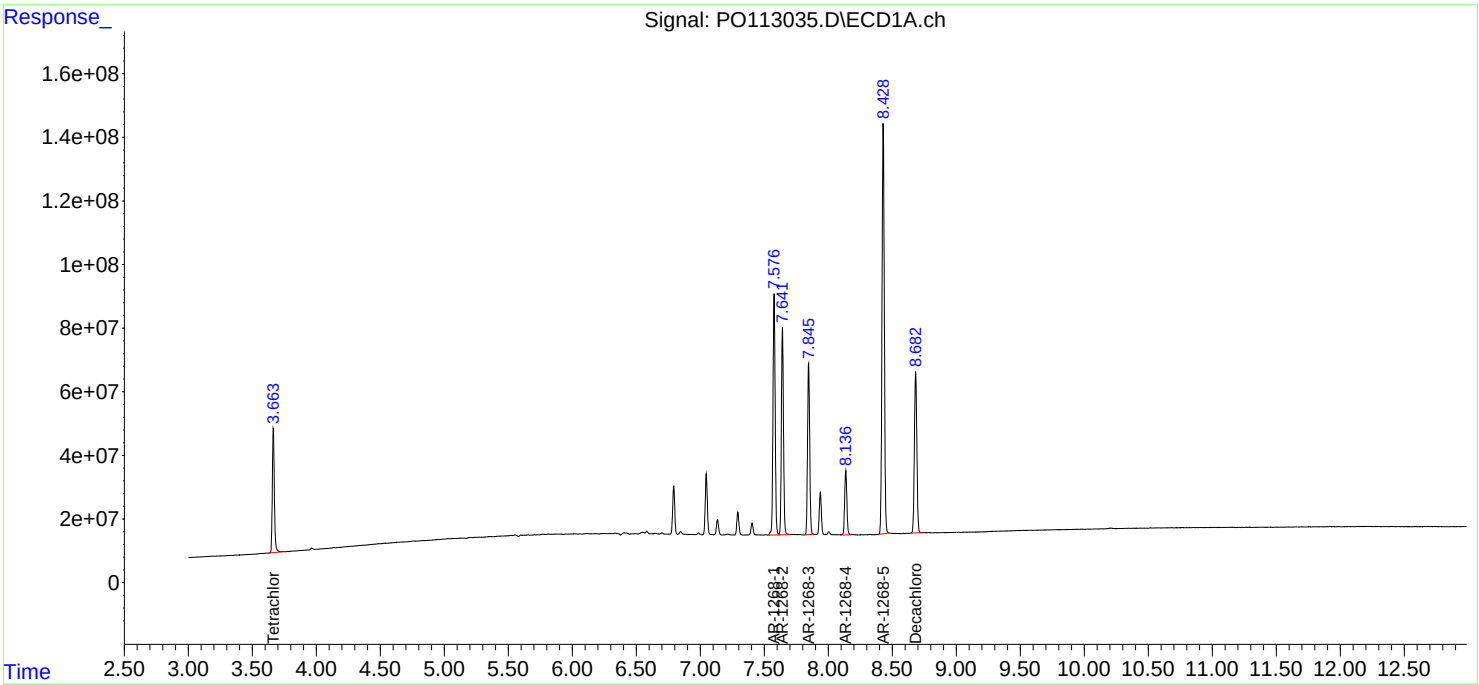
Instrument :
ECD_O
ClientSampleId :
ICVPO081825AR1268

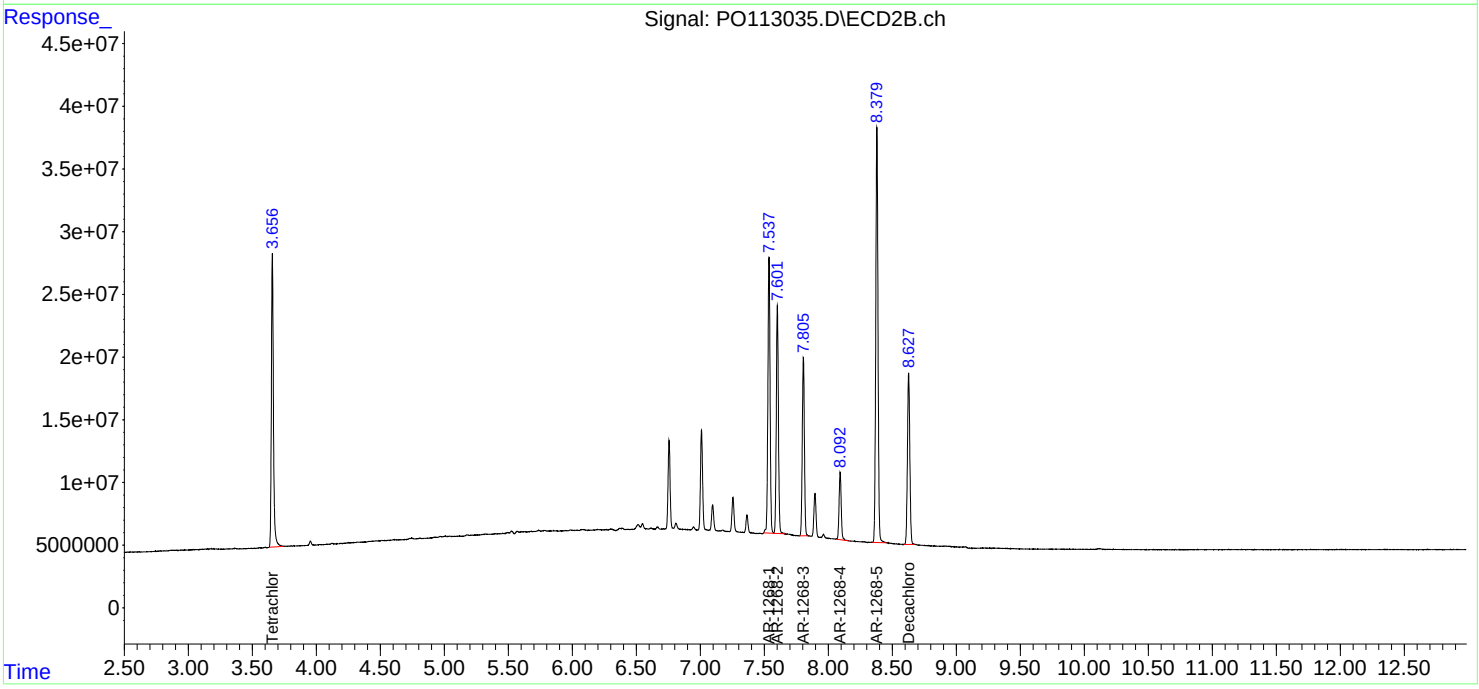
Manual Integrations APPROVED

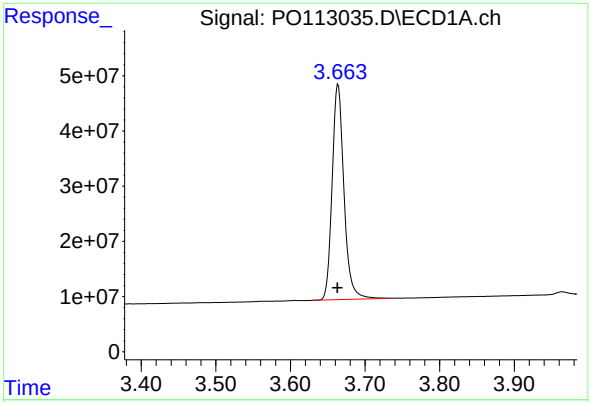
Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:58:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:57:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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







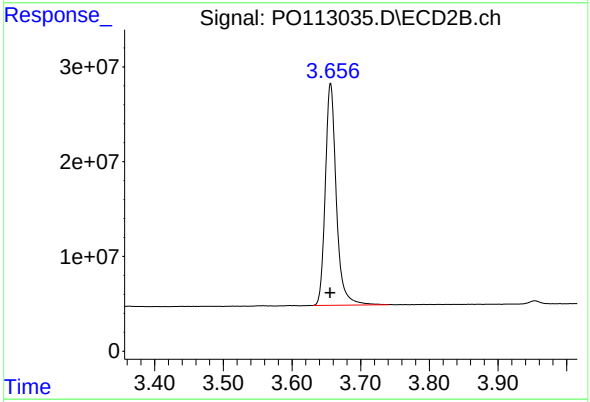
#1 Tetrachloro-m-xylene

R.T.: 3.664 min
Delta R.T.: 0.000 min
Response: 429465520
Conc: 52.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO081825AR1268

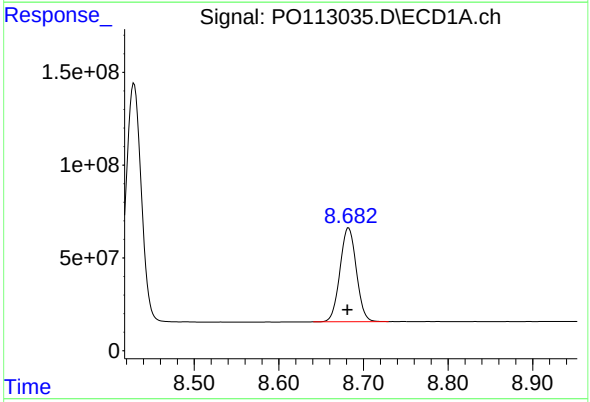
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



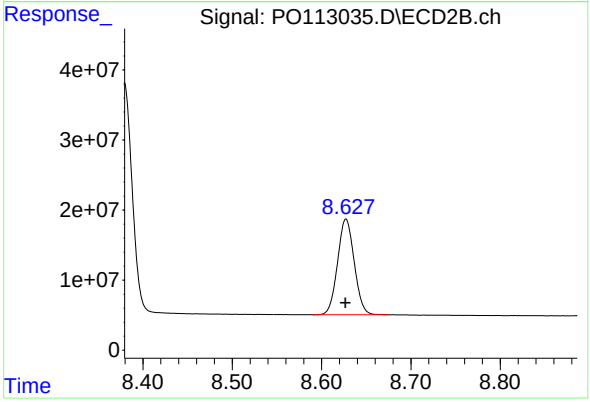
#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: 0.000 min
Response: 261070028
Conc: 52.52 ng/ml



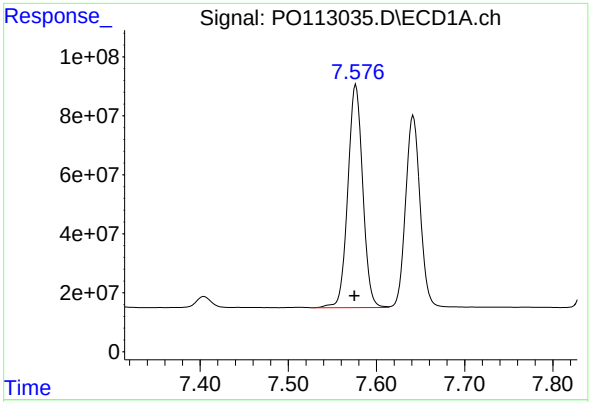
#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.001 min
Response: 678789328
Conc: 51.13 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.627 min
Delta R.T.: 0.000 min
Response: 176997340
Conc: 51.19 ng/ml



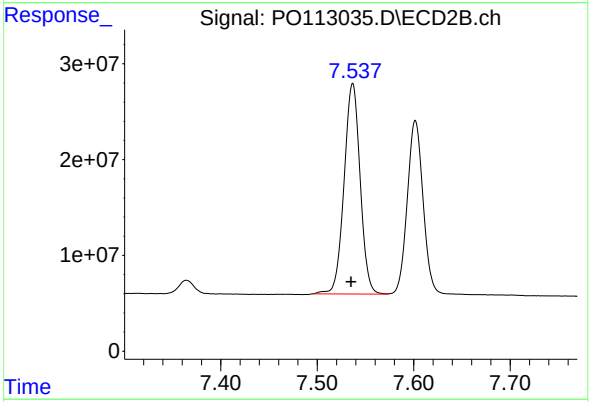
#41 AR-1268-1

R.T.: 7.577 min
Delta R.T.: 0.002 min
Response: 888399269
Conc: 516.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO081825AR1268

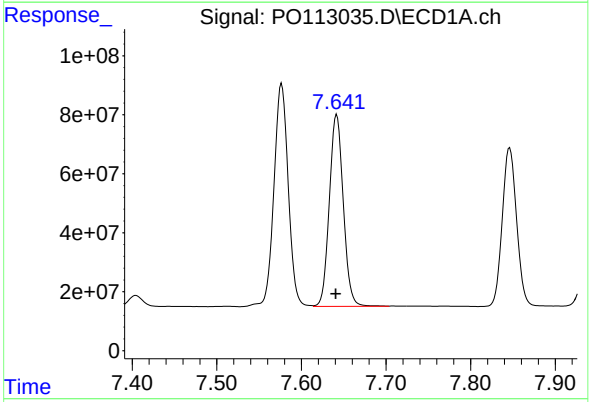
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



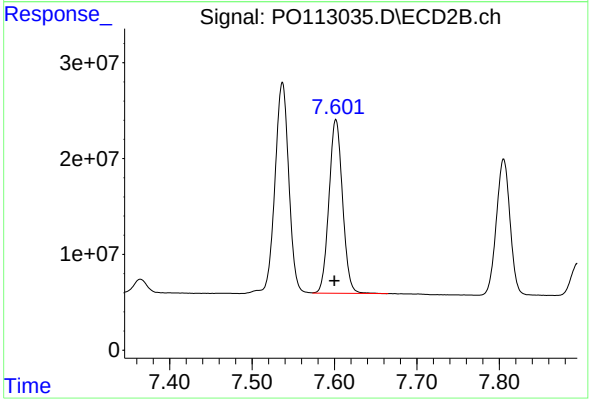
#41 AR-1268-1

R.T.: 7.537 min
Delta R.T.: 0.002 min
Response: 255364211
Conc: 501.24 ng/ml



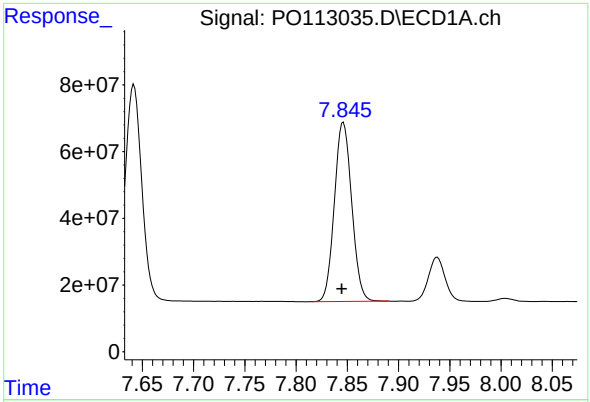
#42 AR-1268-2

R.T.: 7.642 min
Delta R.T.: 0.001 min
Response: 745572427
Conc: 514.85 ng/ml



#42 AR-1268-2

R.T.: 7.602 min
Delta R.T.: 0.002 min
Response: 207162005
Conc: 498.70 ng/ml



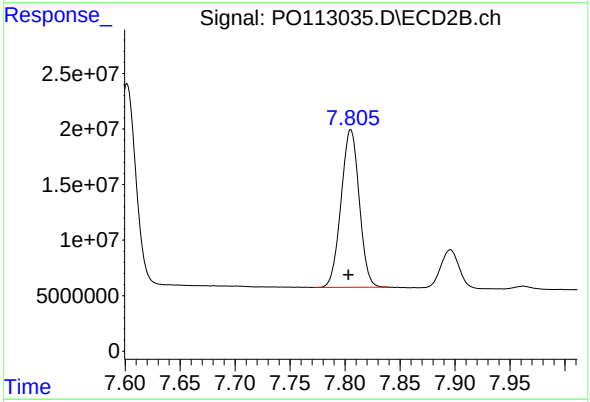
#43 AR-1268-3

R.T.: 7.846 min
Delta R.T.: 0.002 min
Response: 630976194
Conc: 523.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO081825AR1268

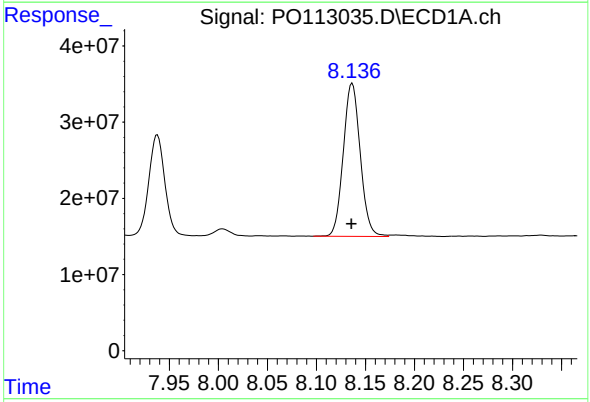
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



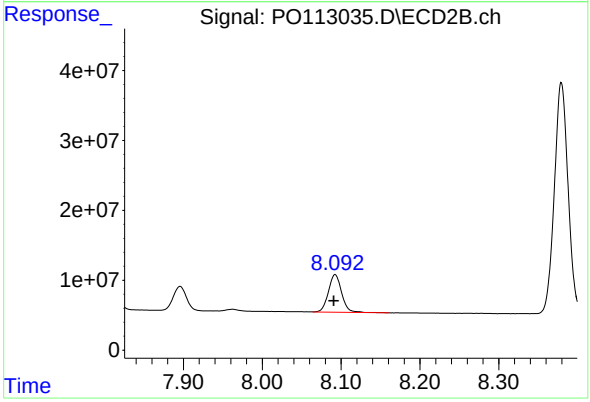
#43 AR-1268-3

R.T.: 7.805 min
Delta R.T.: 0.002 min
Response: 163136992
Conc: 499.64 ng/ml



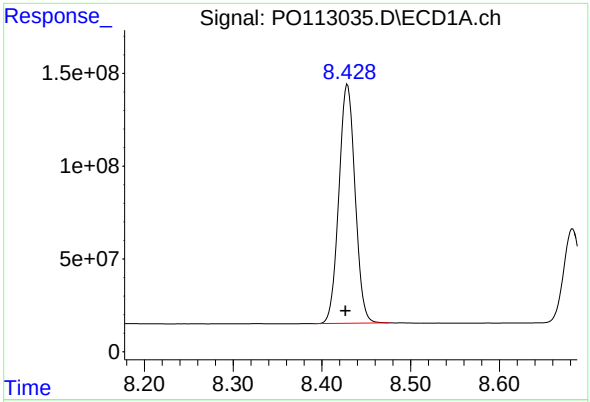
#44 AR-1268-4

R.T.: 8.137 min
Delta R.T.: 0.000 min
Response: 241884018
Conc: 525.08 ng/ml



#44 AR-1268-4

R.T.: 8.092 min
Delta R.T.: 0.002 min
Response: 62721591
Conc: 520.80 ng/ml



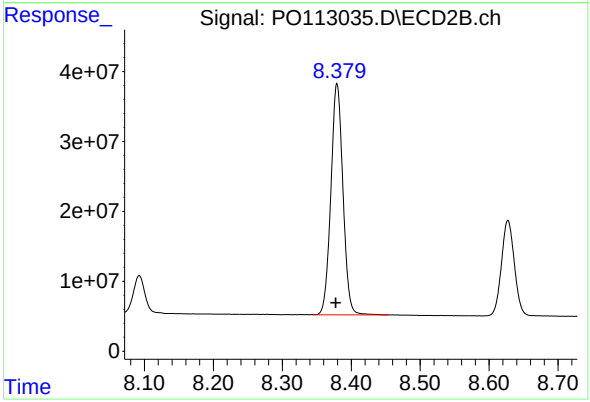
#45 AR-1268-5

R.T.: 8.429 min
Delta R.T.: 0.002 min
Response: 1632354575
Conc: 511.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO081825AR1268

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



#45 AR-1268-5

R.T.: 8.379 min
Delta R.T.: 0.001 min
Response: 402384863
Conc: 515.25 ng/ml m

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q3017

Instrument ID: ECD_P **Calibration Date(s):** 08/19/2025 08/19/2025

Calibration Times: 10:02 17:36

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

LAB FILE ID: RT 1000 = PP074491.D RT 750 = PP074492.D

RT 500 = PP074493.D RT 250 = PP074494.D RT 050 = PP074495.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.80	5.81	5.81	5.81	5.81	5.81	5.71	5.91
Aroclor-1016-2	(2)	5.82	5.83	5.83	5.83	5.83	5.83	5.73	5.93
Aroclor-1016-3	(3)	5.89	5.89	5.89	5.89	5.89	5.89	5.79	5.99
Aroclor-1016-4	(4)	5.98	5.99	5.99	5.99	5.99	5.99	5.89	6.09
Aroclor-1016-5	(5)	6.28	6.28	6.28	6.28	6.28	6.28	6.18	6.38
Aroclor-1260-1	(1)	7.39	7.40	7.40	7.40	7.40	7.40	7.30	7.50
Aroclor-1260-2	(2)	7.65	7.65	7.65	7.65	7.65	7.65	7.55	7.75
Aroclor-1260-3	(3)	8.01	8.01	8.01	8.01	8.01	8.01	7.91	8.11
Aroclor-1260-4	(4)	8.23	8.24	8.24	8.24	8.24	8.24	8.14	8.34
Aroclor-1260-5	(5)	8.56	8.56	8.56	8.56	8.56	8.56	8.46	8.66
Decachlorobiphenyl		10.43	10.44	10.43	10.43	10.44	10.43	10.33	10.53
Tetrachloro-m-xylene		4.65	4.66	4.65	4.66	4.66	4.66	4.56	4.76
Aroclor-1242-1	(1)	5.81	5.81	5.81	5.81	5.81	5.81	5.71	5.91
Aroclor-1242-2	(2)	5.83	5.83	5.83	5.83	5.83	5.83	5.73	5.93
Aroclor-1242-3	(3)	5.89	5.89	5.89	5.89	5.89	5.89	5.79	5.99
Aroclor-1242-4	(4)	5.99	5.99	5.99	5.99	5.99	5.99	5.89	6.09
Aroclor-1242-5	(5)	6.72	6.72	6.72	6.72	6.72	6.72	6.62	6.82
Decachlorobiphenyl		10.43	10.44	10.43	10.44	10.44	10.44	10.34	10.54
Tetrachloro-m-xylene		4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Aroclor-1248-1	(1)	5.81	5.81	5.81	5.81	5.81	5.81	5.71	5.91
Aroclor-1248-2	(2)	6.08	6.08	6.08	6.08	6.08	6.08	5.98	6.18
Aroclor-1248-3	(3)	6.28	6.28	6.28	6.28	6.28	6.28	6.18	6.38
Aroclor-1248-4	(4)	6.68	6.68	6.68	6.68	6.68	6.68	6.58	6.78
Aroclor-1248-5	(5)	6.72	6.72	6.72	6.72	6.72	6.72	6.62	6.82
Decachlorobiphenyl		10.44	10.44	10.44	10.44	10.44	10.44	10.34	10.54
Tetrachloro-m-xylene		4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Aroclor-1254-1	(1)	6.66	6.66	6.66	6.66	6.65	6.66	6.56	6.76
Aroclor-1254-2	(2)	6.88	6.87	6.87	6.87	6.87	6.87	6.77	6.97
Aroclor-1254-3	(3)	7.24	7.24	7.24	7.23	7.23	7.24	7.14	7.34
Aroclor-1254-4	(4)	7.52	7.52	7.52	7.52	7.52	7.52	7.42	7.62
Aroclor-1254-5	(5)	7.94	7.93	7.93	7.93	7.93	7.93	7.83	8.03
Decachlorobiphenyl		10.44	10.44	10.44	10.44	10.44	10.44	10.34	10.54
Tetrachloro-m-xylene		4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Aroclor-1268-1	(1)	8.88	8.89	8.88	8.89	8.88	8.89	8.79	8.99
Aroclor-1268-2	(2)	8.98	8.98	8.98	8.98	8.98	8.98	8.88	9.08
Aroclor-1268-3	(3)	9.22	9.22	9.22	9.22	9.22	9.22	9.12	9.32
Aroclor-1268-4	(4)	9.65	9.65	9.65	9.65	9.65	9.65	9.55	9.75
Aroclor-1268-5	(5)	10.08	10.08	10.08	10.08	10.08	10.08	9.98	10.18

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.43	10.44	10.43	10.44	10.43	10.43	10.33	10.53
Tetrachloro-m-xylene	4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q3017

Instrument ID: ECD_P **Calibration Date(s):** 08/19/2025 08/19/2025

Calibration Times: 10:02 17:36

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

LAB FILE ID: RT 1000 = PP074491.D RT 750 = PP074492.D

RT 500 = PP074493.D RT 250 = PP074494.D RT 050 = PP074495.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)	4.96	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1016-3	(3)	5.08	5.08	5.08	5.08	5.08	5.08	4.98	5.18
Aroclor-1016-4	(4)	5.12	5.12	5.12	5.12	5.12	5.12	5.02	5.22
Aroclor-1016-5	(5)	5.33	5.33	5.33	5.33	5.33	5.33	5.23	5.43
Aroclor-1260-1	(1)	6.36	6.36	6.36	6.36	6.36	6.36	6.26	6.46
Aroclor-1260-2	(2)	6.55	6.55	6.55	6.55	6.55	6.55	6.45	6.65
Aroclor-1260-3	(3)	6.70	6.71	6.70	6.70	6.70	6.70	6.60	6.80
Aroclor-1260-4	(4)	7.17	7.17	7.17	7.17	7.17	7.17	7.07	7.27
Aroclor-1260-5	(5)	7.41	7.41	7.41	7.41	7.41	7.41	7.31	7.51
Decachlorobiphenyl		8.81	8.82	8.82	8.81	8.82	8.82	8.72	8.92
Tetrachloro-m-xylene		3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90
Aroclor-1242-1	(1)	4.90	4.90	4.90	4.90	4.90	4.90	4.80	5.00
Aroclor-1242-2	(2)	4.96	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1242-3	(3)	5.08	5.08	5.08	5.08	5.08	5.08	4.98	5.18
Aroclor-1242-4	(4)	5.16	5.16	5.16	5.16	5.16	5.16	5.06	5.26
Aroclor-1242-5	(5)	5.68	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Decachlorobiphenyl		8.82	8.82	8.81	8.82	8.82	8.82	8.72	8.92
Tetrachloro-m-xylene		3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90
Aroclor-1248-1	(1)	4.90	4.90	4.90	4.90	4.90	4.90	4.80	5.00
Aroclor-1248-2	(2)	5.12	5.12	5.12	5.12	5.12	5.12	5.02	5.22
Aroclor-1248-3	(3)	5.16	5.16	5.16	5.16	5.16	5.16	5.06	5.26
Aroclor-1248-4	(4)	5.33	5.33	5.33	5.33	5.33	5.33	5.23	5.43
Aroclor-1248-5	(5)	5.72	5.72	5.72	5.72	5.72	5.72	5.62	5.82
Decachlorobiphenyl		8.82	8.82	8.82	8.82	8.82	8.82	8.72	8.92
Tetrachloro-m-xylene		3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90
Aroclor-1254-1	(1)	5.69	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Aroclor-1254-2	(2)	5.83	5.83	5.83	5.83	5.83	5.83	5.73	5.93
Aroclor-1254-3	(3)	6.24	6.23	6.23	6.23	6.23	6.23	6.13	6.33
Aroclor-1254-4	(4)	6.46	6.46	6.46	6.46	6.46	6.46	6.36	6.56
Aroclor-1254-5	(5)	6.88	6.87	6.88	6.88	6.88	6.88	6.78	6.98
Decachlorobiphenyl		8.82	8.82	8.82	8.82	8.81	8.82	8.72	8.92
Tetrachloro-m-xylene		3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90
Aroclor-1268-1	(1)	7.70	7.70	7.69	7.70	7.69	7.70	7.60	7.80
Aroclor-1268-2	(2)	7.76	7.76	7.76	7.76	7.76	7.76	7.66	7.86
Aroclor-1268-3	(3)	7.97	7.97	7.97	7.97	7.96	7.97	7.87	8.07
Aroclor-1268-4	(4)	8.25	8.26	8.25	8.25	8.25	8.25	8.15	8.35
Aroclor-1268-5	(5)	8.55	8.55	8.55	8.55	8.55	8.55	8.45	8.65

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.81	8.82	8.81	8.82	8.81	8.82	8.72	8.92
Tetrachloro-m-xylene	3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q3017

Instrument ID: ECD_P **Calibration Date(s):** 08/19/2025 08/19/2025

Calibration Times: 10:02 17:36

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

LAB FILE ID: **CF 1000 =** PP074491.D **CF 750 =** PP074492.D

CF 500 = PP074493.D **CF 250 =** PP074494.D **CF 050 =** PP074495.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	37260672	39165227	41840274	46667524	55510560	44088851	17
Aroclor-1016-2	(2)	55294208	58678316	63208216	69200552	67826880	62841634	9
Aroclor-1016-3	(3)	37159554	39829409	42380342	50420568	54779780	44913931	17
Aroclor-1016-4	(4)	30238509	32061391	34848388	39362172	39398600	35181812	12
Aroclor-1016-5	(5)	29225854	30645948	33029644	36469124	36559780	33186070	10
Aroclor-1260-1	(1)	48563391	51183833	55342410	61530012	72427960	57809521	16
Aroclor-1260-2	(2)	57520052	60697599	66234840	73517872	86617000	68917473	17
Aroclor-1260-3	(3)	45466412	48231029	50486582	57234216	58008180	51885284	11
Aroclor-1260-4	(4)	53945139	57153024	61763720	67649864	78452080	63792765	15
Aroclor-1260-5	(5)	98135607	102882747	108313414	117775440	139953440	113412130	15
Decachlorobiphenyl		866337170	921955053	988573200	1058849640	1101835800	987510173	10
Tetrachloro-m-xylene		1100953570	1143235467	1200713680	1268558320	1404991400	1223690487	10
Aroclor-1242-1	(1)	33534775	35196259	38660790	41241740	42742440	38275201	10
Aroclor-1242-2	(2)	50582395	52453757	57915216	62104248	59354260	56481975	9
Aroclor-1242-3	(3)	33349694	35414635	39970066	43883972	50396180	40602909	17
Aroclor-1242-4	(4)	27192200	28632309	31894696	35816444	35173600	31741850	12
Aroclor-1242-5	(5)	29731727	30733847	34626980	38850892	46409580	36070605	19
Decachlorobiphenyl		942571090	998560827	1090308640	1132992280	1083717600	1049630087	7
Tetrachloro-m-xylene		1101623960	1151320933	1235361060	1272027120	1278388200	1207744255	6
Aroclor-1248-1	(1)	26825393	28405716	30845872	34074380	30968720	30224016	9
Aroclor-1248-2	(2)	37601198	39897476	43211686	48783724	45986180	43096053	10
Aroclor-1248-3	(3)	41457218	43776155	46817460	51955424	49511780	46703607	9
Aroclor-1248-4	(4)	47576379	50895647	54418430	60667104	61446460	55000804	11
Aroclor-1248-5	(5)	47007884	50058825	54098864	61916308	64270400	55470456	13
Decachlorobiphenyl		950993890	1009223920	1071012460	1167985200	1057373600	1051317814	8
Tetrachloro-m-xylene		1100991950	1146778960	1200566400	1276972480	1211462000	1187354358	6
Aroclor-1254-1	(1)	48507797	53598960	57022412	63560864	68657180	58269443	14
Aroclor-1254-2	(2)	68997007	73735961	79493314	88136784	97716940	81616001	14
Aroclor-1254-3	(3)	75433146	80269064	85469286	94710248	110150500	89206449	15
Aroclor-1254-4	(4)	56817907	60256557	64375914	71178004	76939600	65913596	12
Aroclor-1254-5	(5)	71518563	76344344	81241680	89300320	97020080	83084997	12
Decachlorobiphenyl		955810170	985159667	1046715980	1146118200	1185105200	1063781843	9
Tetrachloro-m-xylene		1074895520	1124737840	1186244600	1279770240	1364835400	1206096720	10
Aroclor-1268-1	(1)	145382221	149256528	159799060	175238264	180520060	162039227	10

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	135128903	138304824	147968774	161072492	151211120	146737223	7
Aroclor-1268-3	(3)	112837949	115383373	124401538	134921752	130382340	123585390	8
Aroclor-1268-4	(4)	60062429	62288615	69185966	72327472	72450180	67262932	9
Aroclor-1268-5	(5)	347935374	352387180	372266714	396976848	381293520	370171927	6
Decachlorobiphenyl		1643122860	1684754733	1816495060	1968851320	1846466800	1791938155	7
Tetrachloro-m-xylene		1139511630	1162795853	1215559280	1293072360	1185938800	1199375585	5

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_P

Contract: TETR06
SDG NO.: Q3017
Calibration Date(s): 08/19/2025 08/19/2025
Calibration Times: 10:02 17:36

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

LAB FILE ID: CF 1000 = PP074491.D CF 750 = PP074492.D
CF 500 = PP074493.D CF 250 = PP074494.D CF 050 = PP074495.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	496657182	503720793	523846228	513002896	509541900	509353800	2
Aroclor-1016-2	(2)	239168801	238546505	246638078	251142512	214580920	238015363	6
Aroclor-1016-3	(3)	133036564	130124845	144330606	141427600	140598400	137903603	4
Aroclor-1016-4	(4)	133477489	138002388	140534852	142183668	144817800	139803239	3
Aroclor-1016-5	(5)	154126731	152599703	155237916	163343428	205109040	166083364	13
Aroclor-1260-1	(1)	363284667	378829761	386185190	382321000	365496040	375223332	3
Aroclor-1260-2	(2)	523788027	519029669	530795266	515617580	554844180	528814944	3
Aroclor-1260-3	(3)	397906310	403814531	425344812	411965640	525972600	433000779	12
Aroclor-1260-4	(4)	386647802	396528909	406788188	382587548	334816920	381473873	7
Aroclor-1260-5	(5)	1072036571	1049469899	1040494106	1005914236	854489880	1004480938	9
Decachlorobiphenyl		7534332740	7444555573	7912532780	7690082000	6914466800	7499193979	5
Tetrachloro-m-xylene		5208096140	5362153787	4998687000	4783674480	3824485800	4835419441	13
Aroclor-1242-1	(1)	426248141	431977179	439434088	427078864	384025660	421752786	5
Aroclor-1242-2	(2)	202991737	207389804	208837132	204363608	177830640	200282584	6
Aroclor-1242-3	(3)	114667914	119000831	118474420	125754936	113593040	118298228	4
Aroclor-1242-4	(4)	162797331	159395943	169924744	169924792	193754480	171159458	8
Aroclor-1242-5	(5)	176244820	193149587	194953880	198727516	162744820	185164125	8
Decachlorobiphenyl		7439485810	7647320840	7750380960	7387148800	6696994000	7384266082	6
Tetrachloro-m-xylene		5552255470	5495660120	5265795020	4718643160	3344536200	4875377994	19
Aroclor-1248-1	(1)	276787529	272989900	294110190	287515664	249311100	276142877	6
Aroclor-1248-2	(2)	170428062	176978340	184167818	188684076	163519180	176755495	6
Aroclor-1248-3	(3)	216883105	236968729	226037212	232782684	223345400	227203426	3
Aroclor-1248-4	(4)	216013976	222165432	229596264	221937152	200392380	218021041	5
Aroclor-1248-5	(5)	365899980	378186867	386596360	393195048	312731540	367321959	9
Decachlorobiphenyl		7362170440	7623348680	7832285760	7830414120	6177033600	7365050520	9
Tetrachloro-m-xylene		4921775200	5272375827	4922615420	4754396920	3067777000	4587788073	19
Aroclor-1254-1	(1)	450774429	460491156	493889042	479687392	498710100	476710424	4
Aroclor-1254-2	(2)	327603431	350278748	349528710	357585716	375666820	352132685	5
Aroclor-1254-3	(3)	632195702	651991325	663558136	626254444	525027180	619805357	9
Aroclor-1254-4	(4)	465715221	475856425	494623526	472743392	434193620	468626437	5
Aroclor-1254-5	(5)	494049062	518095117	499208524	513687428	427465960	490501218	7
Decachlorobiphenyl		7570292860	7622860640	7575883760	7671178000	7261560400	7540355132	2
Tetrachloro-m-xylene		5083198010	4906330680	4979033200	4619762640	3271378000	4571940506	16
Aroclor-1268-1	(1)	1582015639	1422598329	1546826516	1453362868	1047671520	1410494974	15

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Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1588231016	1429840941	1442651986	1413308564	943104640	1363427429	18
Aroclor-1268-3	(3)	1131064358	1100247001	1123773528	1077394544	783689900	1043233866	14
Aroclor-1268-4	(4)	433982459	417630531	415097948	393627672	255142820	383096286	19
Aroclor-1268-5	(5)	3414138804	3322863425	3420880908	3301062668	2221751820	3136139525	16
Decachlorobiphenyl		14390930480	14121362587	14413340360	14318679160	10749496600	13598761837	12
Tetrachloro-m-xylene		5211020900	5014233547	4937082600	4815562400	3041581600	4603896209	19

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Fax : 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q3017

Instrument ID: ECD_P **Date(s) Analyzed:** 08/19/2025 08/19/2025

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	4.85	4.75	4.95	17592800
		2	4.94	4.84	5.04	13357200
		3	5.02	4.92	5.12	37912800
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	5.02	4.92	5.12	30374000
		2	5.54	5.44	5.64	15758200
		3	5.83	5.73	5.93	30543600
		4	5.99	5.89	6.09	17269300
		5	6.08	5.98	6.18	12981000
Aroclor-1262	500	1	8.24	8.14	8.34	77016000
		2	8.57	8.47	8.67	132381000
		3	8.89	8.79	8.99	97212400
		4	8.98	8.88	9.08	75330400
		5	9.65	9.55	9.75	60956200

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Fax : 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q3017

Instrument ID: ECD_P **Date(s) Analyzed:** 08/19/2025 08/19/2025

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	4.01	3.91	4.11	61867400
		2	4.10	4.00	4.20	45212000
		3	4.17	4.07	4.27	164294000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.17	4.07	4.27	128095000
		2	4.90	4.80	5.00	231794000
		3	5.08	4.98	5.18	60059800
		4	5.16	5.06	5.26	73707400
		5	5.33	5.23	5.43	62083800
Aroclor-1262	500	1	6.92	6.82	7.02	707260000
		2	7.18	7.08	7.28	520714000
		3	7.70	7.60	7.80	466296000
		4	7.76	7.66	7.86	821860000
		5	8.26	8.16	8.36	358310000

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074491.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 10:02
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: Aug 19 11:06:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.652	3.799	110.1E6	520.8E6	95.666	102.052
2)	SA Decachlor...	10.428	8.814	86633717	753.4E6	93.410	97.552
	Target Compounds						
3)	L1 AR-1016-1	5.803	4.897	37260672	496.7E6	942.104	973.357
4)	L1 AR-1016-2	5.824	4.956	55294208	239.2E6	933.216	984.625
5)	L1 AR-1016-3	5.887	5.075	37159554	133.0E6	934.363	959.281
6)	L1 AR-1016-4	5.984	5.116	30238509	133.5E6	929.173	974.244
7)	L1 AR-1016-5	6.276	5.330	29225854	154.1E6	938.900	996.408
31)	L7 AR-1260-1	7.393	6.360	48563391	363.3E6	934.758	969.444
32)	L7 AR-1260-2	7.646	6.547	57520052	523.8E6	929.580	993.355
33)	L7 AR-1260-3	8.005	6.702	45466412	397.9E6	947.681	966.671
34)	L7 AR-1260-4	8.232	7.171	53945139	386.6E6	932.429	974.616
35)	L7 AR-1260-5	8.558	7.410	98135607	1072.0E6	950.701	1014.931

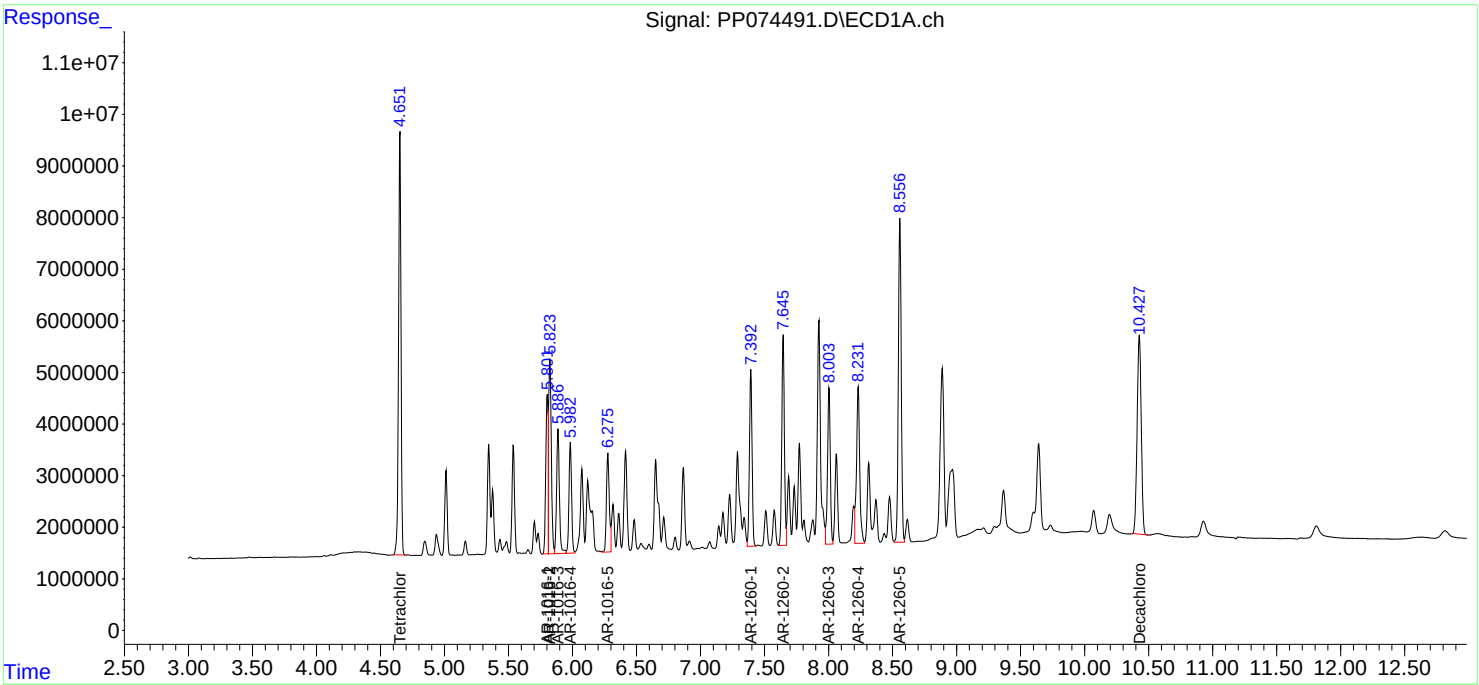
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

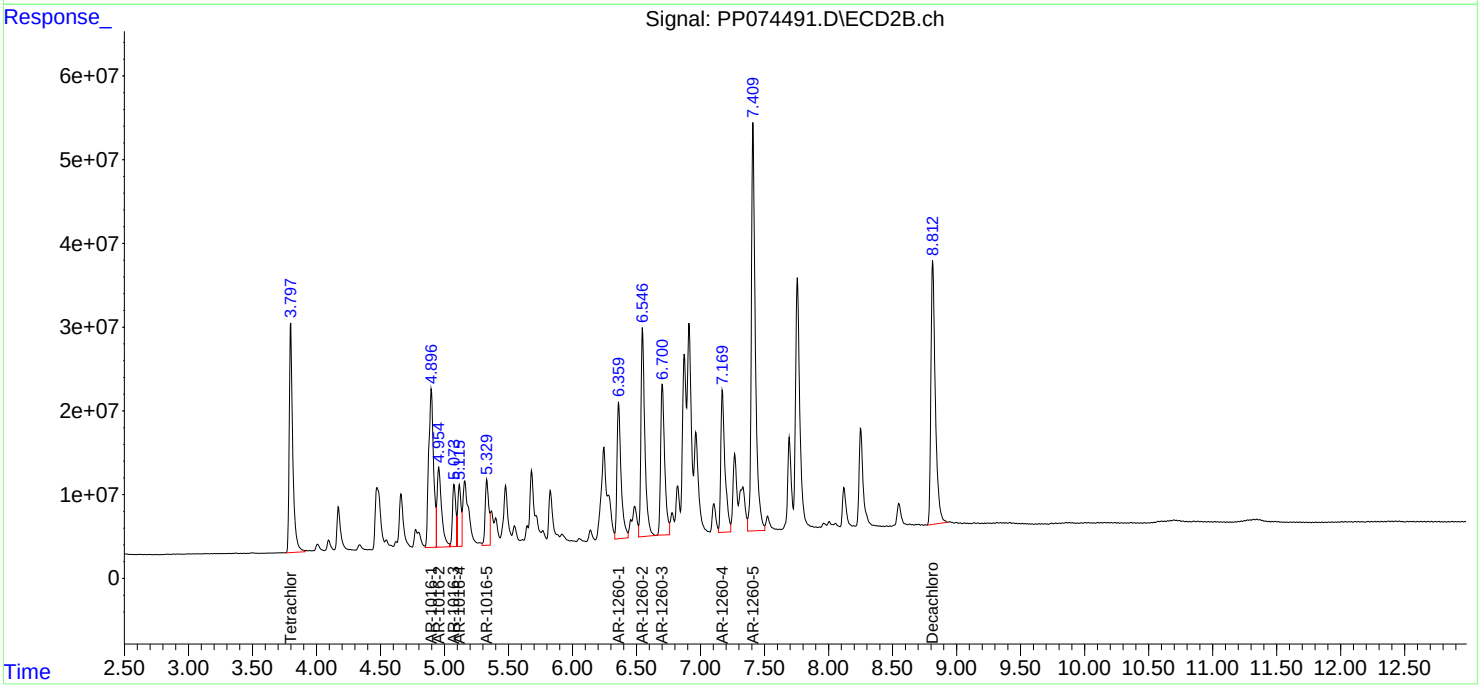
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074491.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 10:02
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

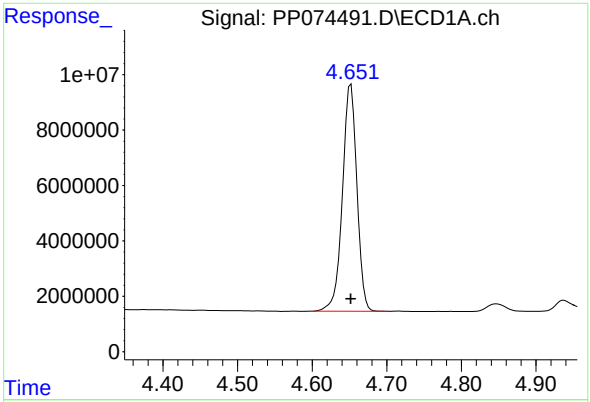
Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 11:06:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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



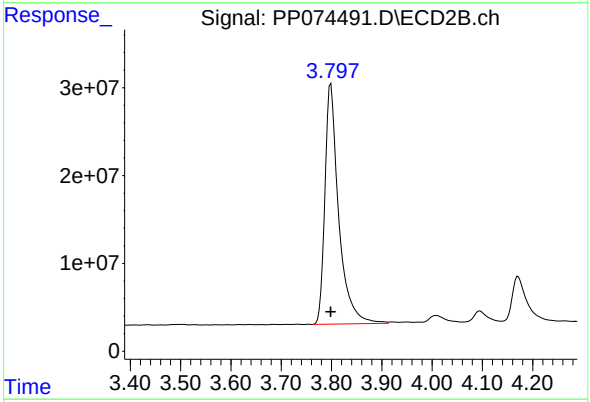




#1 Tetrachloro-m-xylene

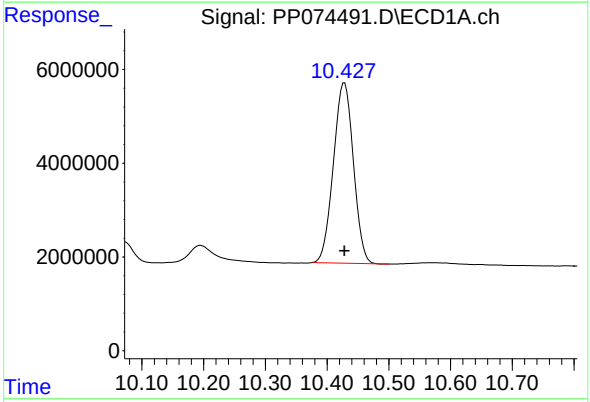
R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 110095357
Conc: 95.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



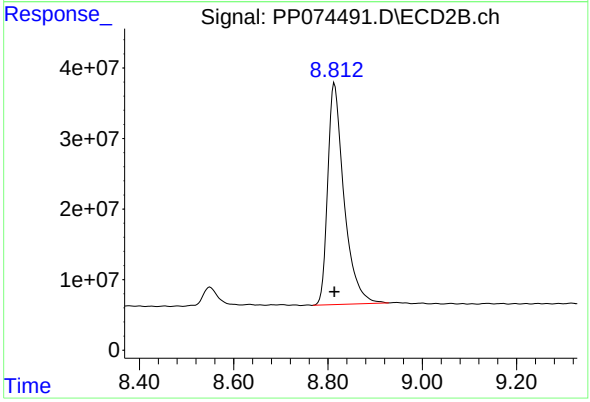
#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 520809614
Conc: 102.05 ng/ml



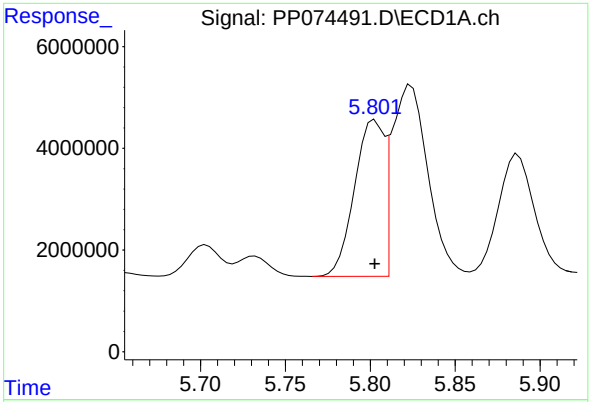
#2 Decachlorobiphenyl

R.T.: 10.428 min
Delta R.T.: 0.000 min
Response: 86633717
Conc: 93.41 ng/ml



#2 Decachlorobiphenyl

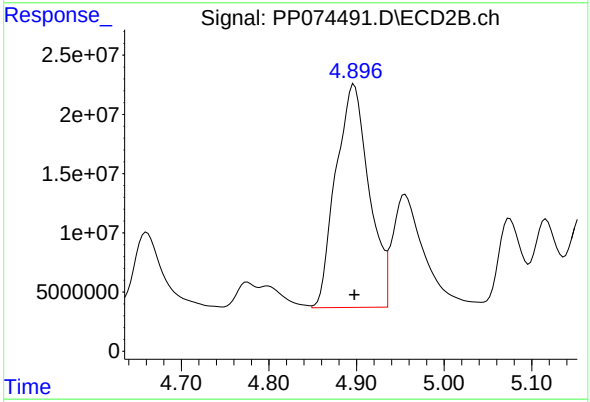
R.T.: 8.814 min
Delta R.T.: 0.000 min
Response: 753433274
Conc: 97.55 ng/ml



#3 AR-1016-1

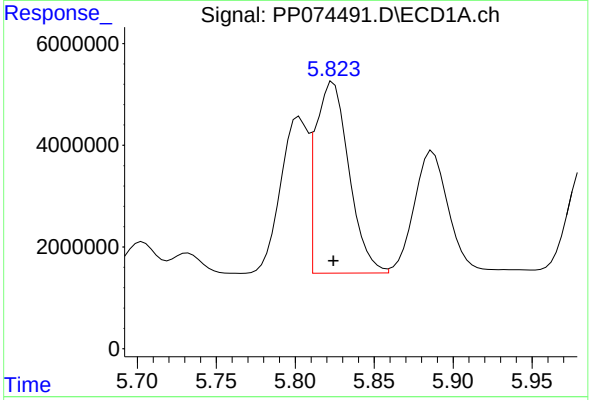
R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 37260672
Conc: 942.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



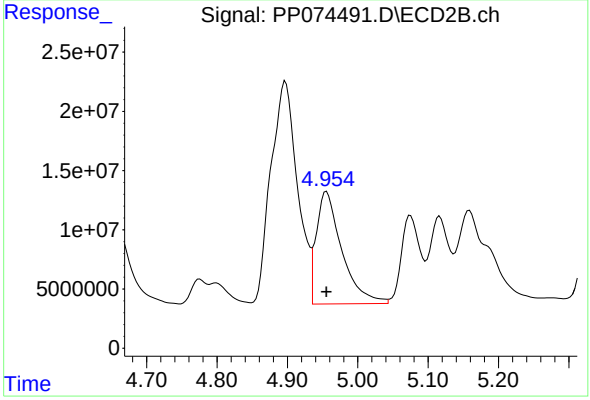
#3 AR-1016-1

R.T.: 4.897 min
Delta R.T.: 0.000 min
Response: 496657182
Conc: 973.36 ng/ml



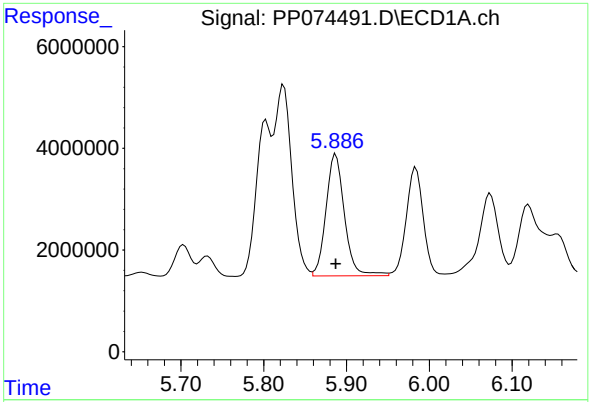
#4 AR-1016-2

R.T.: 5.824 min
Delta R.T.: 0.000 min
Response: 55294208
Conc: 933.22 ng/ml



#4 AR-1016-2

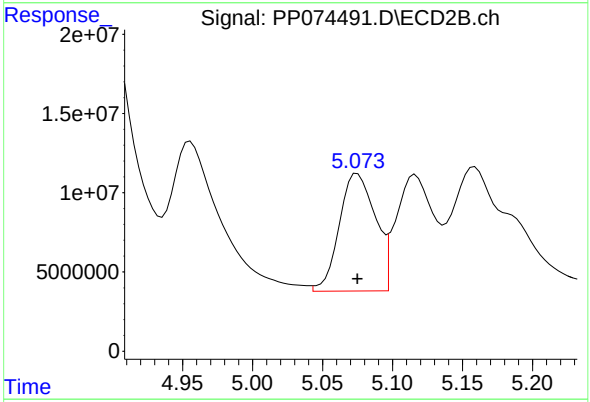
R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 239168801
Conc: 984.63 ng/ml



#5 AR-1016-3

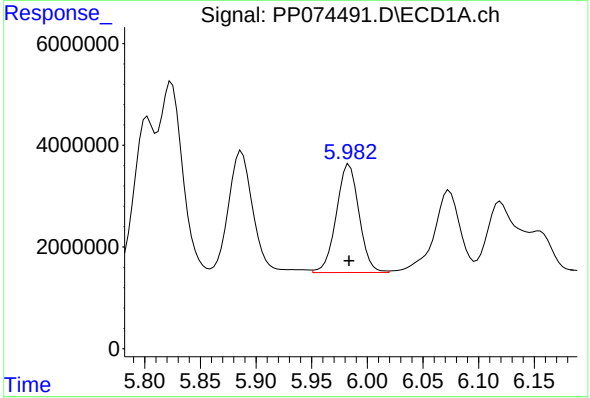
R.T.: 5.887 min
Delta R.T.: 0.000 min
Response: 37159554
Conc: 934.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



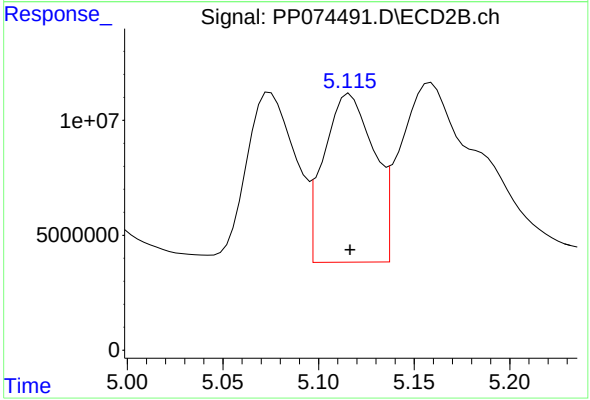
#5 AR-1016-3

R.T.: 5.075 min
Delta R.T.: 0.000 min
Response: 133036564
Conc: 959.28 ng/ml



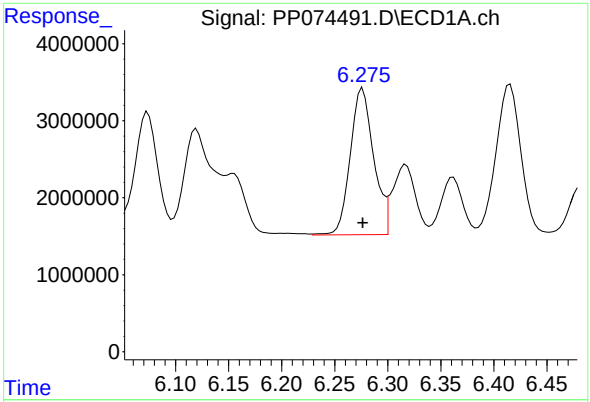
#6 AR-1016-4

R.T.: 5.984 min
Delta R.T.: 0.000 min
Response: 30238509
Conc: 929.17 ng/ml



#6 AR-1016-4

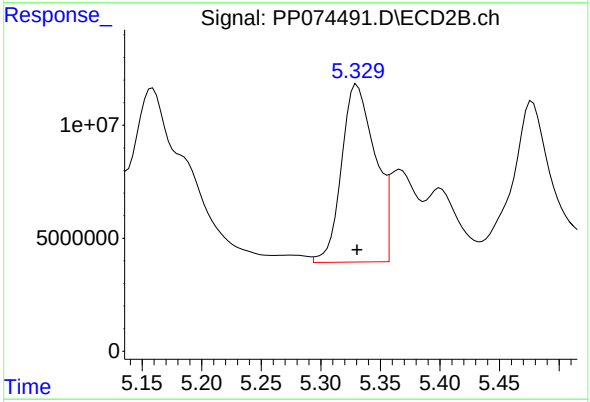
R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 133477489
Conc: 974.24 ng/ml



#7 AR-1016-5

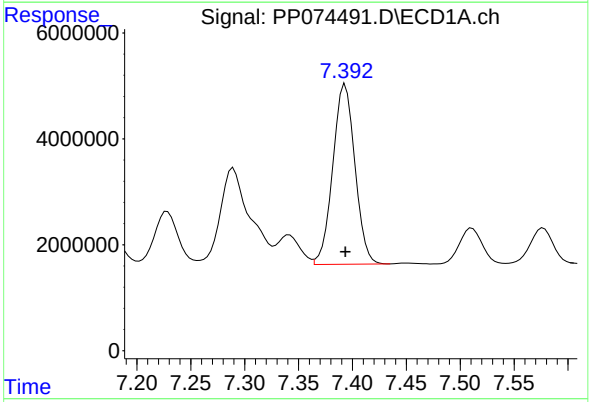
R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 29225854
Conc: 938.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



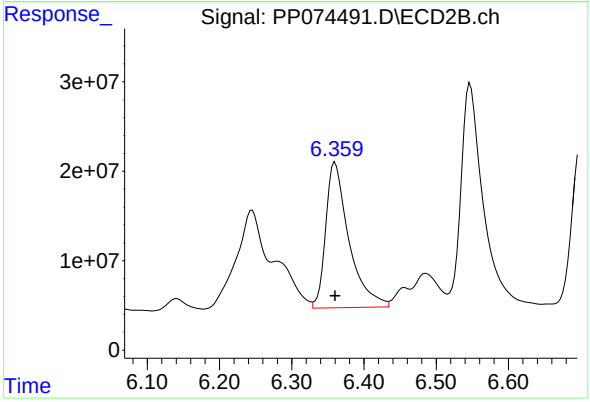
#7 AR-1016-5

R.T.: 5.330 min
Delta R.T.: 0.000 min
Response: 154126731
Conc: 996.41 ng/ml



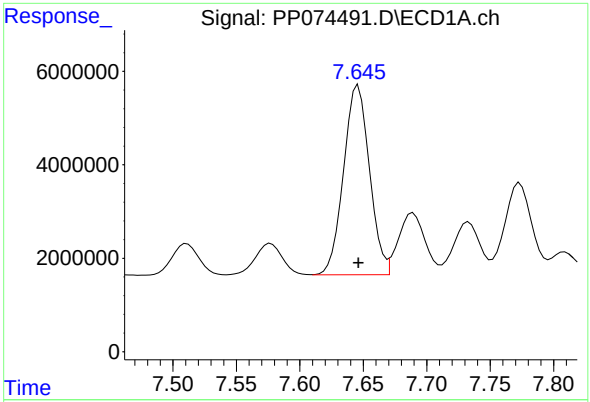
#31 AR-1260-1

R.T.: 7.393 min
Delta R.T.: 0.000 min
Response: 48563391
Conc: 934.76 ng/ml



#31 AR-1260-1

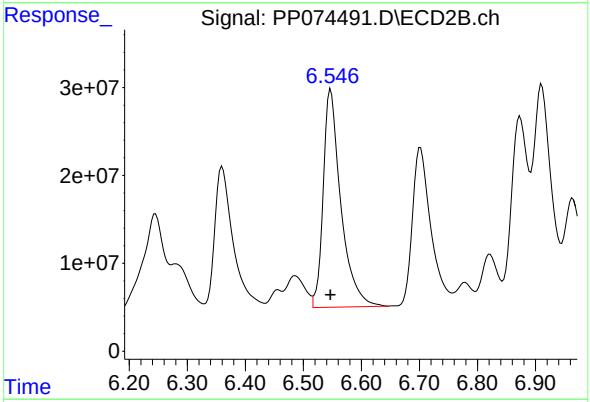
R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 363284667
Conc: 969.44 ng/ml



#32 AR-1260-2

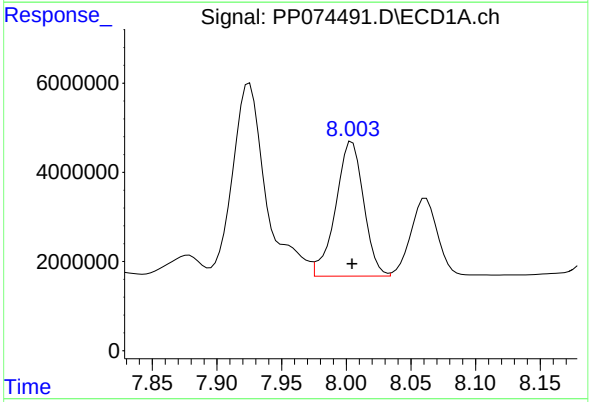
R.T.: 7.646 min
Delta R.T.: 0.000 min
Response: 57520052
Conc: 929.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



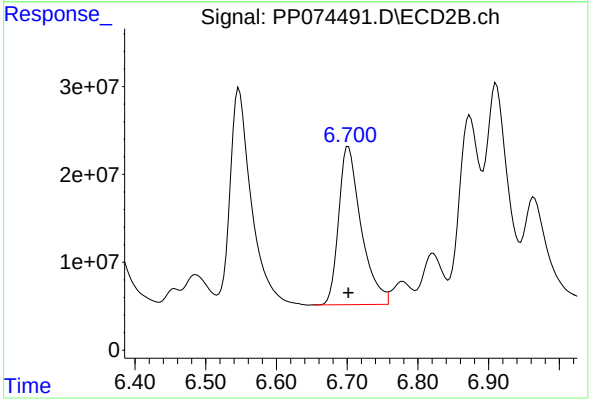
#32 AR-1260-2

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 523788027
Conc: 993.36 ng/ml



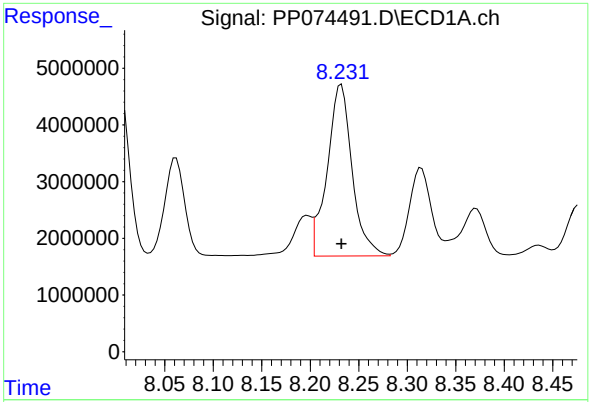
#33 AR-1260-3

R.T.: 8.005 min
Delta R.T.: 0.000 min
Response: 45466412
Conc: 947.68 ng/ml



#33 AR-1260-3

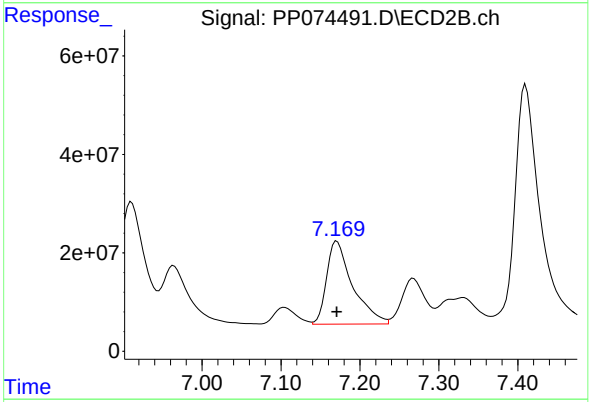
R.T.: 6.702 min
Delta R.T.: 0.000 min
Response: 397906310
Conc: 966.67 ng/ml



#34 AR-1260-4

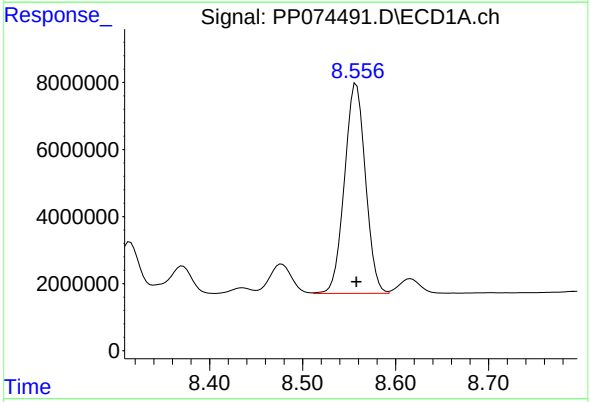
R.T.: 8.232 min
Delta R.T.: 0.000 min
Response: 53945139
Conc: 932.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



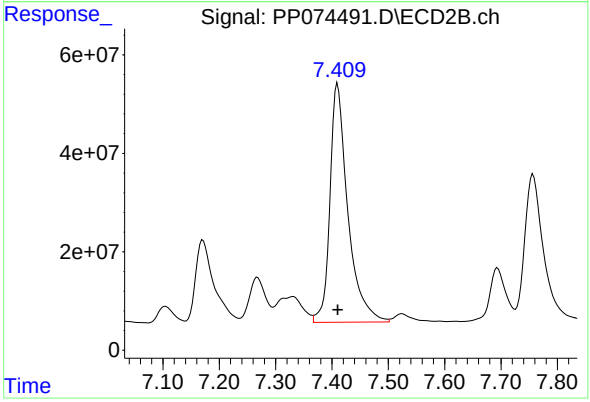
#34 AR-1260-4

R.T.: 7.171 min
Delta R.T.: 0.000 min
Response: 386647802
Conc: 974.62 ng/ml



#35 AR-1260-5

R.T.: 8.558 min
Delta R.T.: 0.000 min
Response: 98135607
Conc: 950.70 ng/ml



#35 AR-1260-5

R.T.: 7.410 min
Delta R.T.: 0.000 min
Response: 1072036571
Conc: 1014.93 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074492.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 10:18
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: Aug 19 11:09:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.657	3.801	85742660	402.2E6	74.669	77.493
2)	SA Decachlor...	10.436	8.818	69146629	558.3E6	74.703	73.173
	Target Compounds						
3)	L1 AR-1016-1	5.809	4.901	29373920	377.8E6	745.114	743.573
4)	L1 AR-1016-2	5.830	4.960	44008737	178.9E6	745.150	740.978
5)	L1 AR-1016-3	5.893	5.080	29872057	97593634	750.747	718.495
6)	L1 AR-1016-4	5.990	5.119	24046043	103.5E6	742.557	753.627
7)	L1 AR-1016-5	6.283	5.334	22984461	114.4E6	742.221	743.238
31)	L7 AR-1260-1	7.400	6.364	38387875	284.1E6	742.562	755.444
32)	L7 AR-1260-2	7.653	6.550	45523199	389.3E6	740.405	742.125
33)	L7 AR-1260-3	8.011	6.705	36173272	302.9E6	752.648	740.452
34)	L7 AR-1260-4	8.239	7.174	42864768	297.4E6	743.914	749.762
35)	L7 AR-1260-5	8.564	7.414	77162060	787.1E6	748.343	746.776

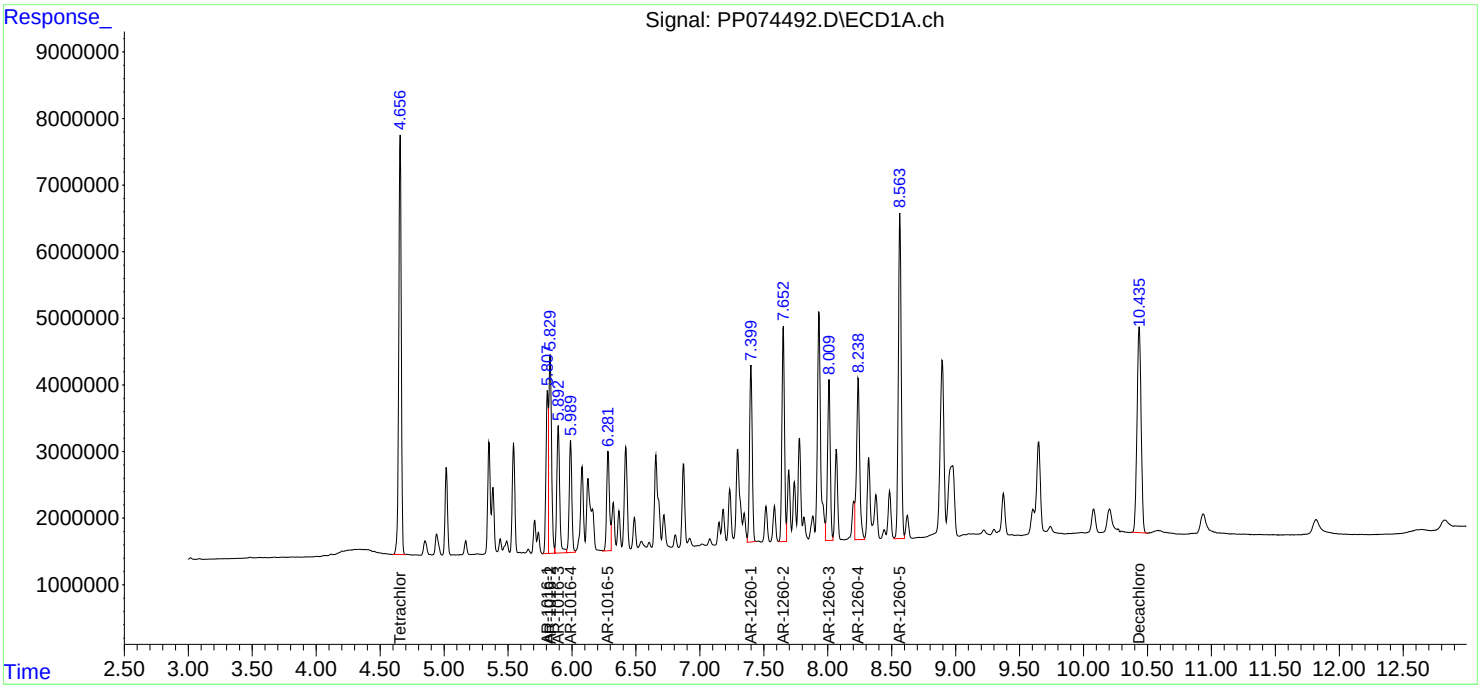
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

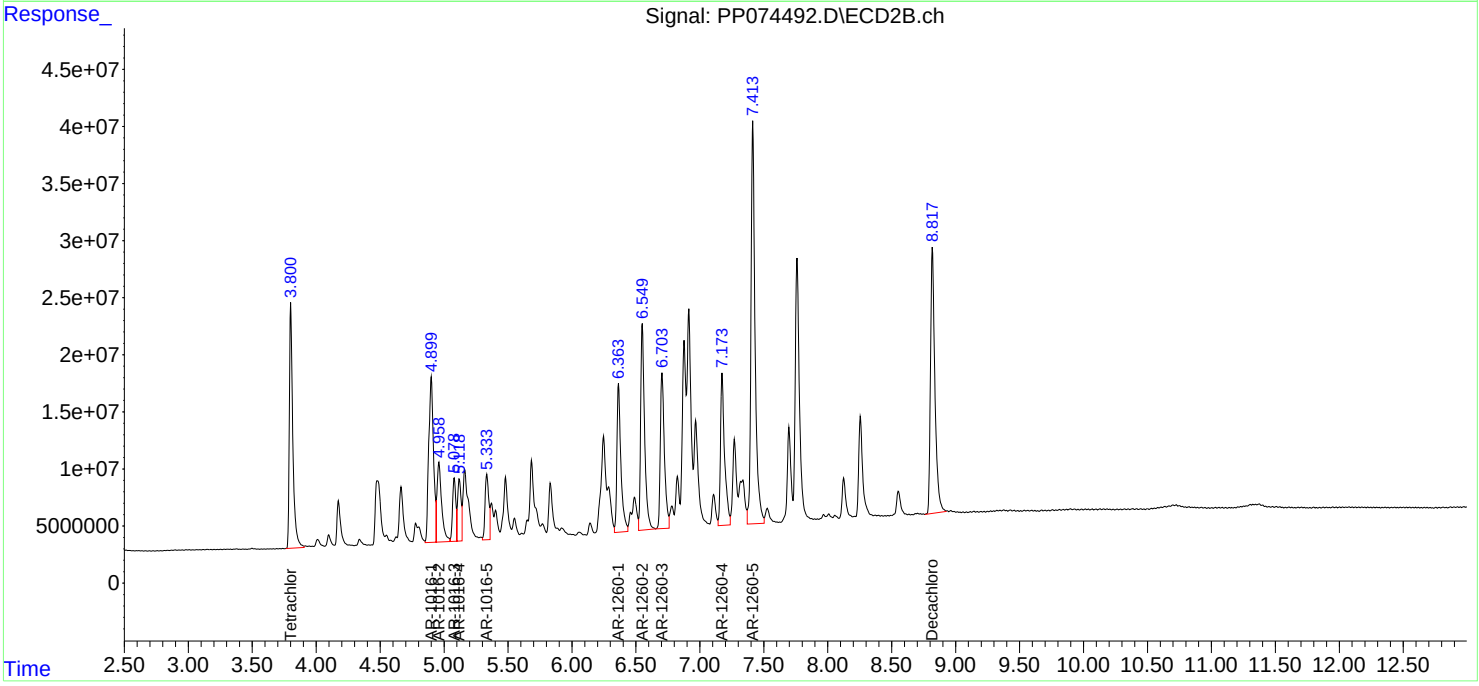
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074492.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 10:18
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

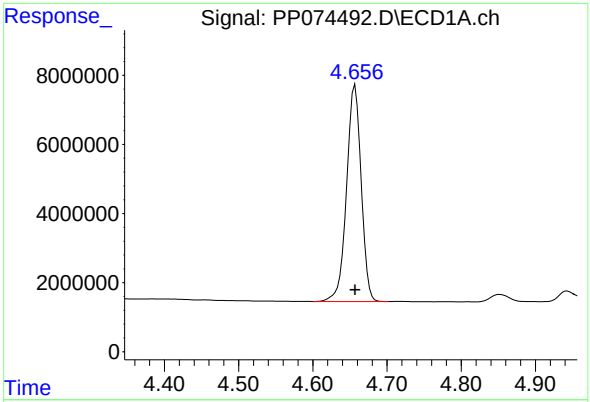
Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 11:09:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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



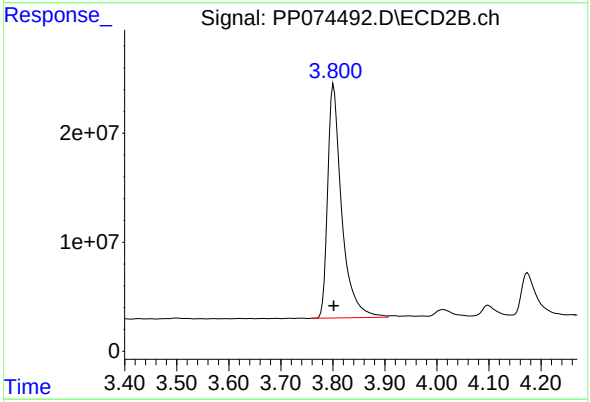




#1 Tetrachloro-m-xylene

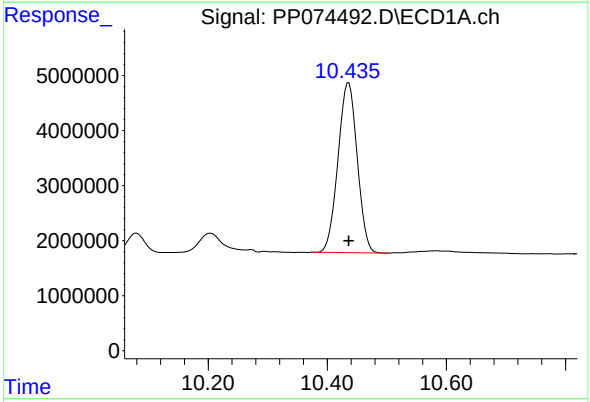
R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 85742660
Conc: 74.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



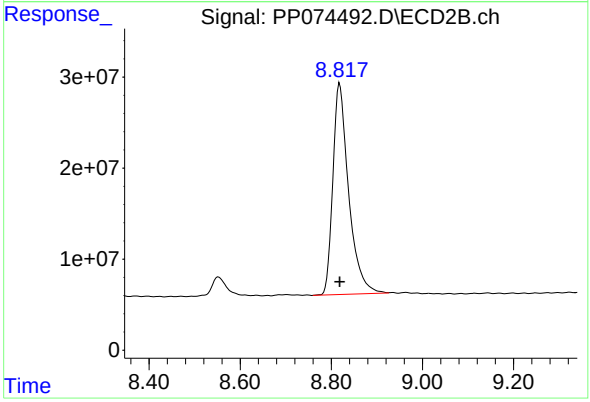
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 402161534
Conc: 77.49 ng/ml



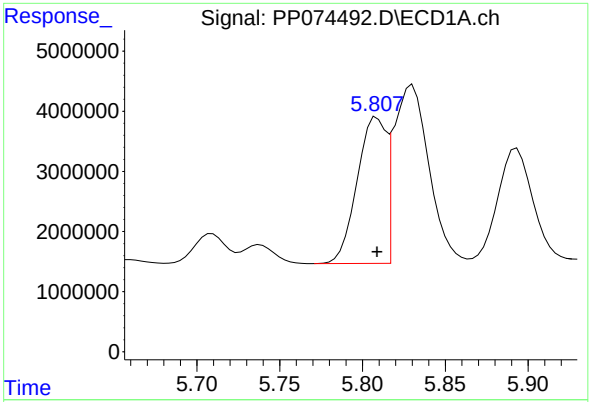
#2 Decachlorobiphenyl

R.T.: 10.436 min
Delta R.T.: 0.000 min
Response: 69146629
Conc: 74.70 ng/ml



#2 Decachlorobiphenyl

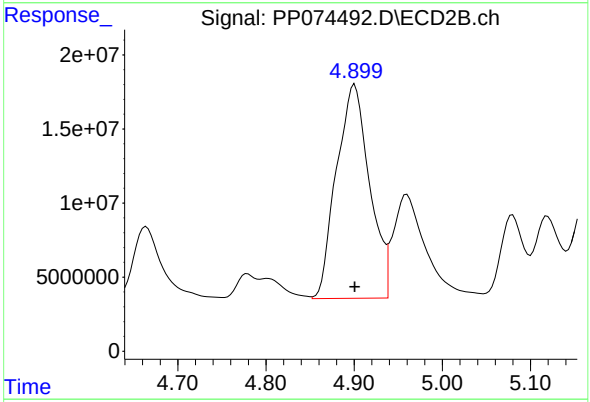
R.T.: 8.818 min
Delta R.T.: 0.000 min
Response: 558341668
Conc: 73.17 ng/ml



#3 AR-1016-1

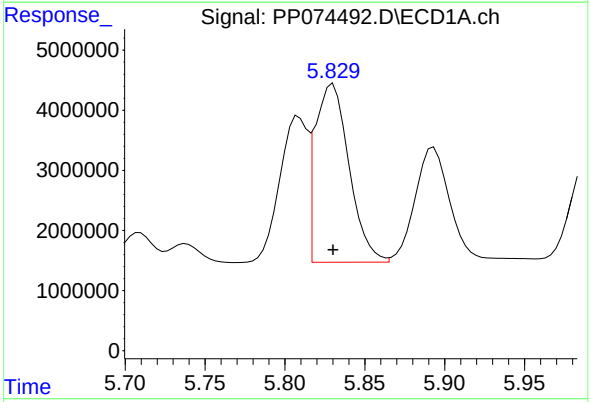
R.T.: 5.809 min
Delta R.T.: 0.000 min
Response: 29373920
Conc: 745.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



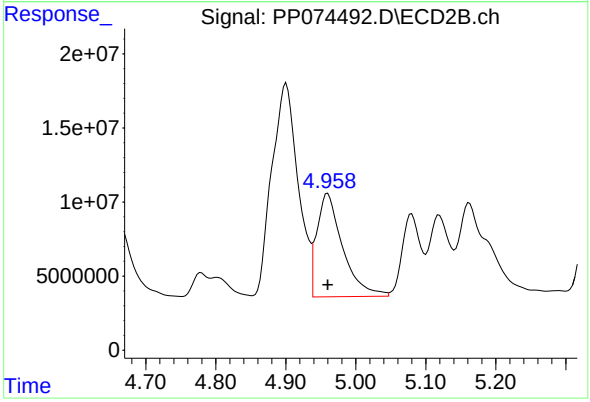
#3 AR-1016-1

R.T.: 4.901 min
Delta R.T.: 0.000 min
Response: 377790595
Conc: 743.57 ng/ml



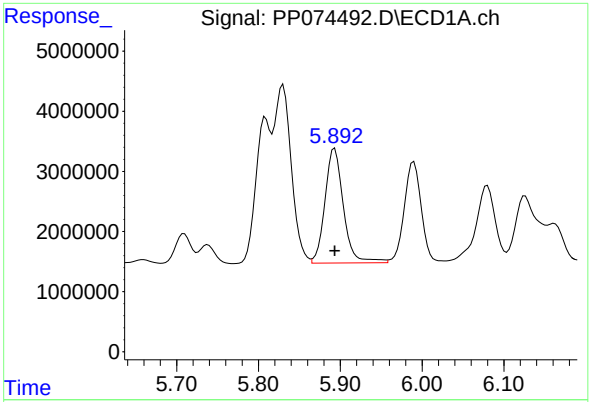
#4 AR-1016-2

R.T.: 5.830 min
Delta R.T.: 0.000 min
Response: 44008737
Conc: 745.15 ng/ml



#4 AR-1016-2

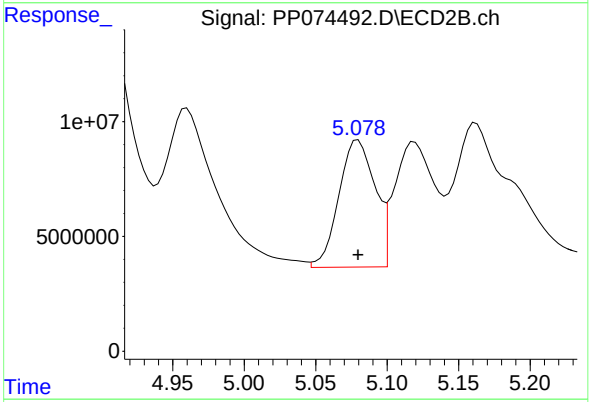
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 178909879
Conc: 740.98 ng/ml



#5 AR-1016-3

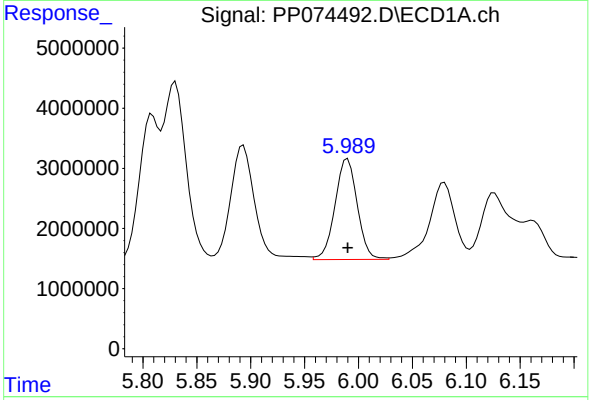
R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 29872057
Conc: 750.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



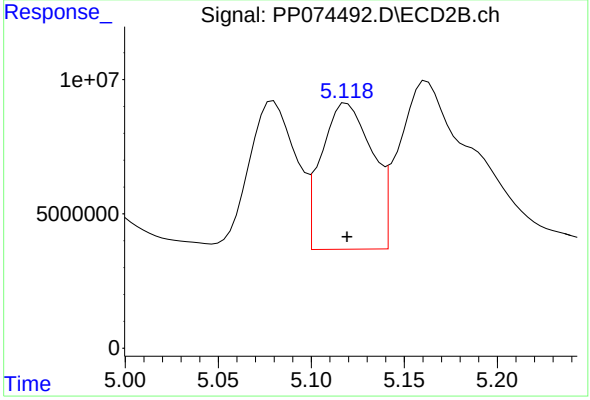
#5 AR-1016-3

R.T.: 5.080 min
Delta R.T.: 0.000 min
Response: 97593634
Conc: 718.49 ng/ml



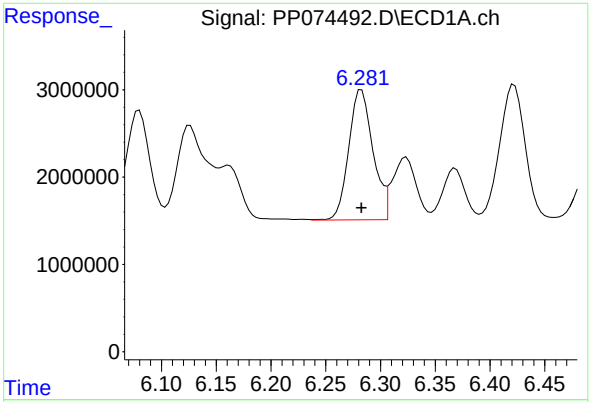
#6 AR-1016-4

R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 24046043
Conc: 742.56 ng/ml



#6 AR-1016-4

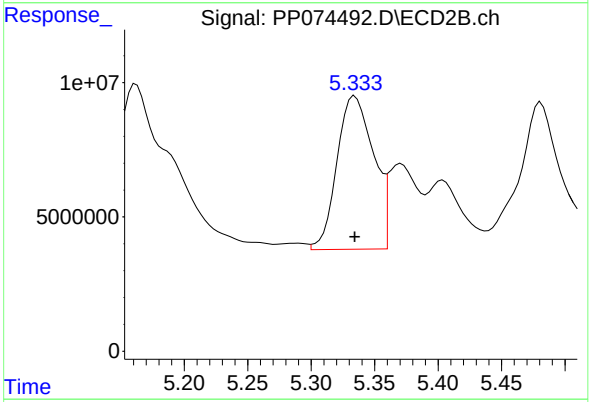
R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 103501791
Conc: 753.63 ng/ml



#7 AR-1016-5

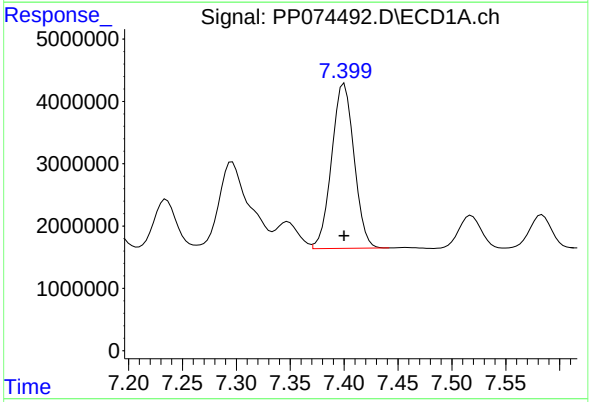
R.T.: 6.283 min
Delta R.T.: 0.000 min
Response: 22984461
Conc: 742.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



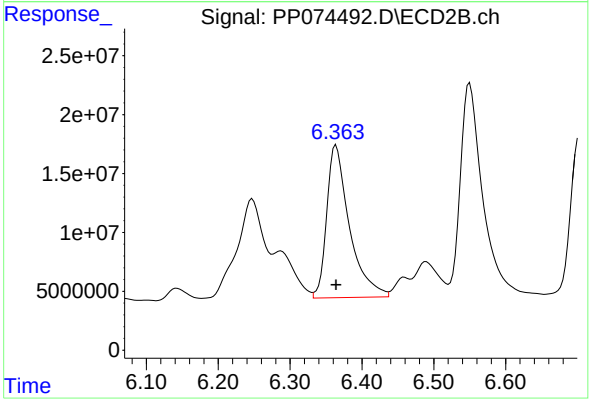
#7 AR-1016-5

R.T.: 5.334 min
Delta R.T.: 0.000 min
Response: 114449777
Conc: 743.24 ng/ml



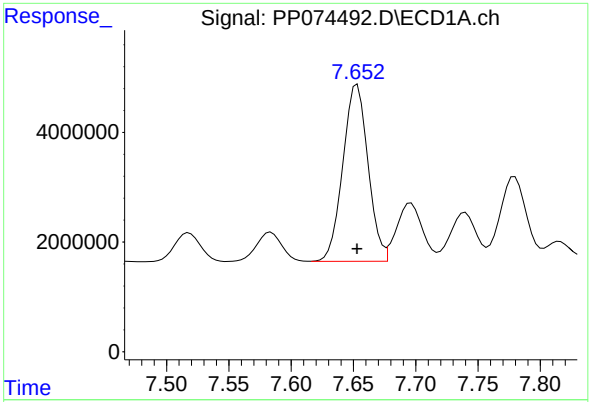
#31 AR-1260-1

R.T.: 7.400 min
Delta R.T.: 0.000 min
Response: 38387875
Conc: 742.56 ng/ml



#31 AR-1260-1

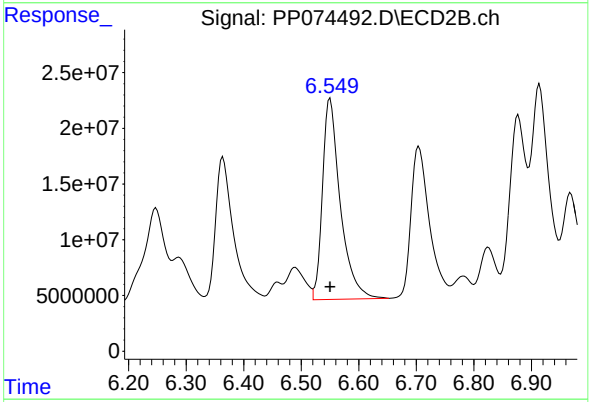
R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 284122321
Conc: 755.44 ng/ml



#32 AR-1260-2

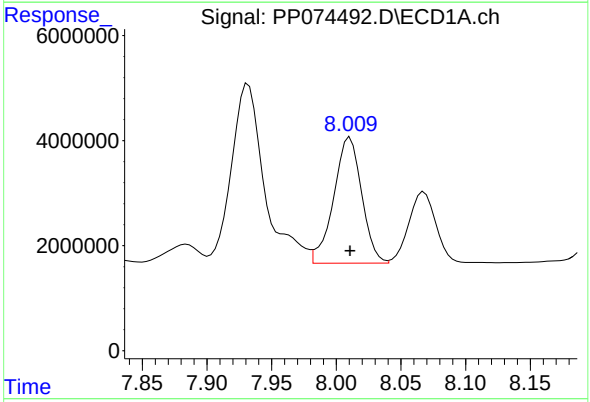
R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 45523199
Conc: 740.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



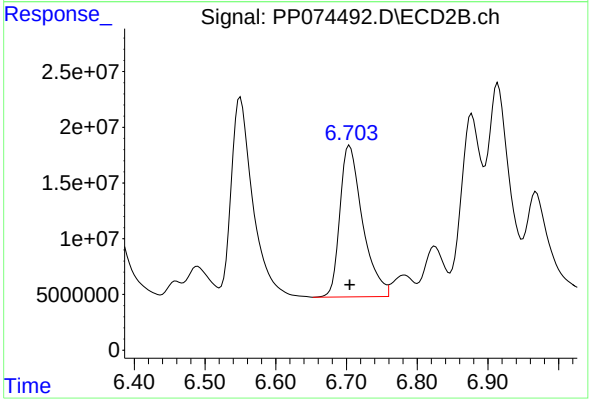
#32 AR-1260-2

R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 389272252
Conc: 742.12 ng/ml



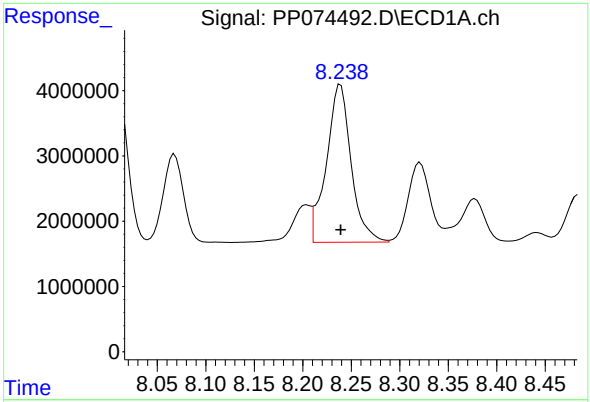
#33 AR-1260-3

R.T.: 8.011 min
Delta R.T.: 0.000 min
Response: 36173272
Conc: 752.65 ng/ml



#33 AR-1260-3

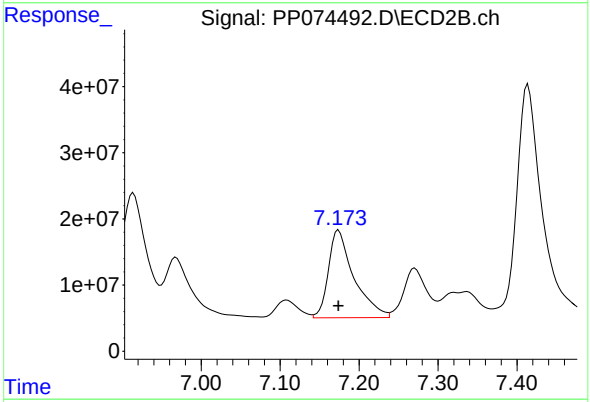
R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 302860898
Conc: 740.45 ng/ml



#34 AR-1260-4

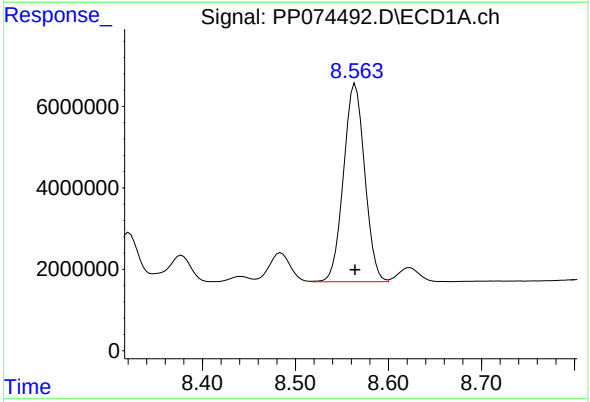
R.T.: 8.239 min
Delta R.T.: 0.000 min
Response: 42864768
Conc: 743.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



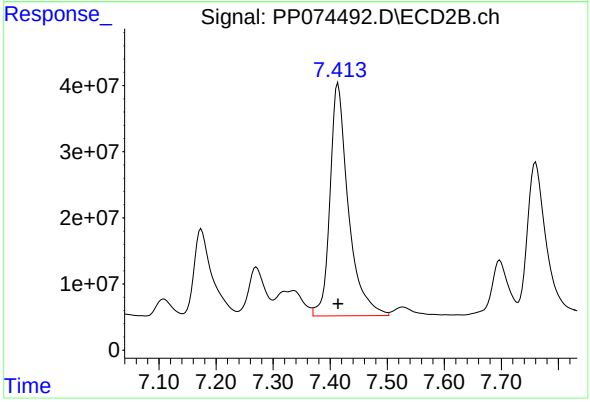
#34 AR-1260-4

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 297396682
Conc: 749.76 ng/ml



#35 AR-1260-5

R.T.: 8.564 min
Delta R.T.: 0.000 min
Response: 77162060
Conc: 748.34 ng/ml



#35 AR-1260-5

R.T.: 7.414 min
Delta R.T.: 0.000 min
Response: 787102424
Conc: 746.78 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074493.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 10:34
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: Aug 19 11:02:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.654	3.799	60035684	249.9E6	50.000	50.000
2)	SA Decachlor...	10.433	8.815	49428660	395.6E6	50.000	50.000
	Target Compounds						
3)	L1 AR-1016-1	5.806	4.899	20920137	261.9E6	500.000	500.000
4)	L1 AR-1016-2	5.827	4.955	31604108	123.3E6	500.000	500.000
5)	L1 AR-1016-3	5.890	5.076	21190171	72165303	500.000	500.000
6)	L1 AR-1016-4	5.988	5.117	17424194	70267426	500.000	500.000
7)	L1 AR-1016-5	6.280	5.331	16514822	77618958	500.000	500.000
31)	L7 AR-1260-1	7.397	6.361	27671205	193.1E6	500.000	500.000
32)	L7 AR-1260-2	7.650	6.548	33117420	265.4E6	500.000	500.000
33)	L7 AR-1260-3	8.008	6.702	25243291	212.7E6	500.000	500.000
34)	L7 AR-1260-4	8.236	7.172	30881860	203.4E6	500.000	500.000
35)	L7 AR-1260-5	8.562	7.411	54156707	520.2E6	500.000	500.000

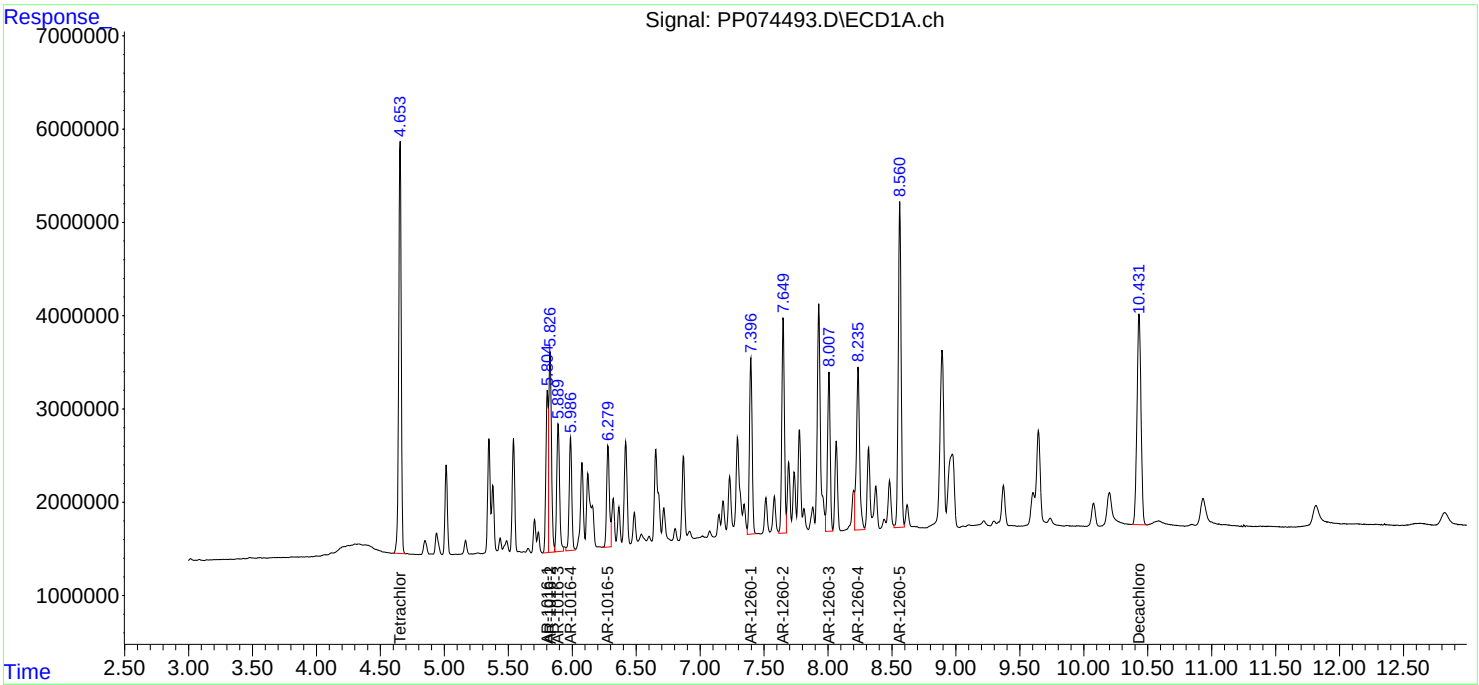
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

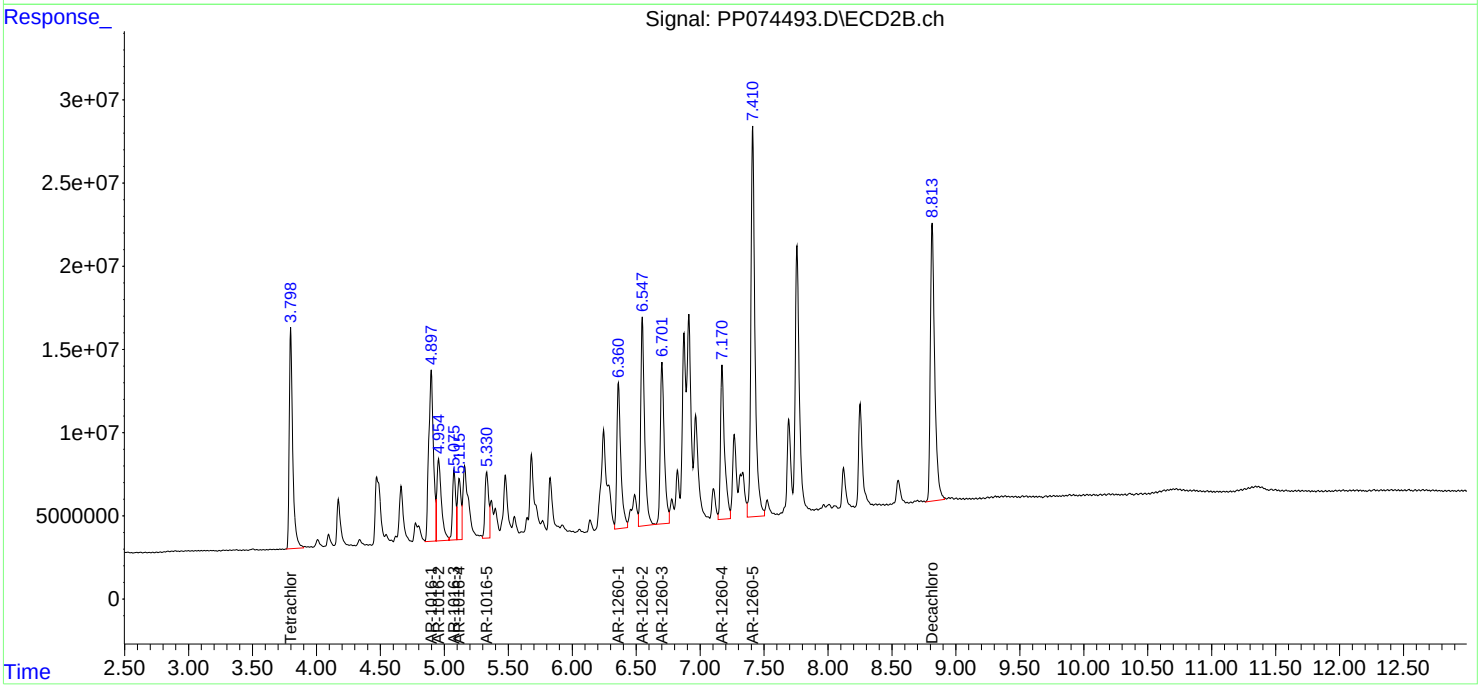
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074493.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 10:34
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

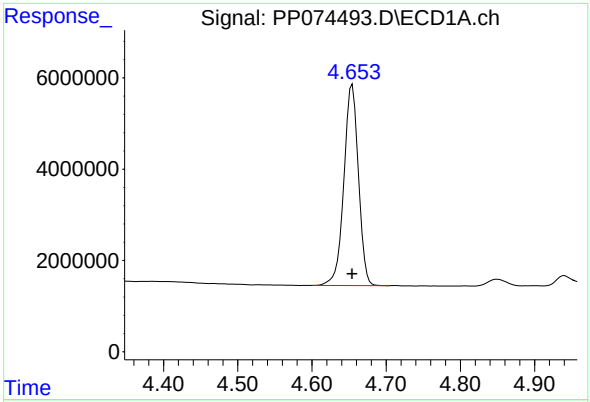
Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 11:02:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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



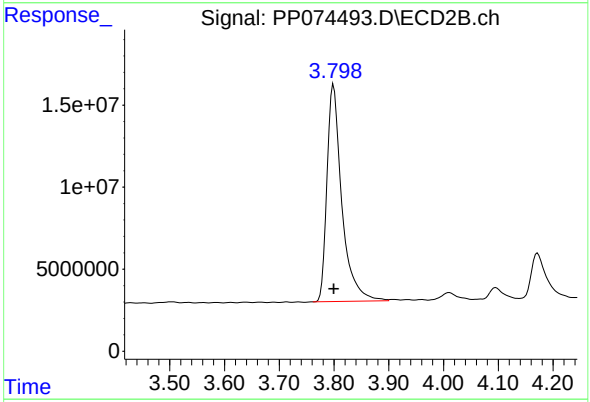




#1 Tetrachloro-m-xylene

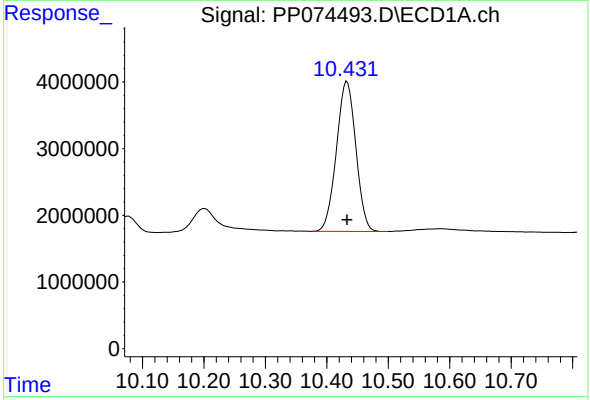
R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 60035684
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



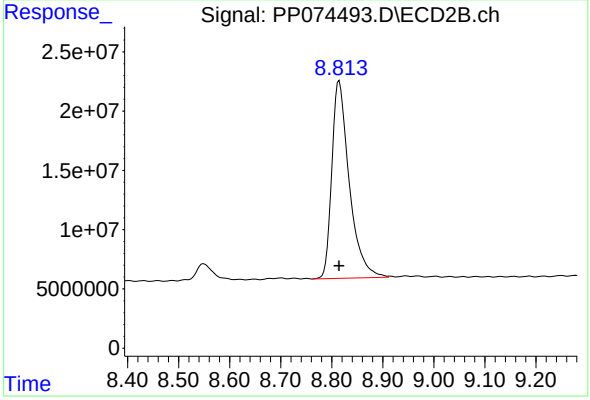
#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 249934350
Conc: 50.00 ng/ml



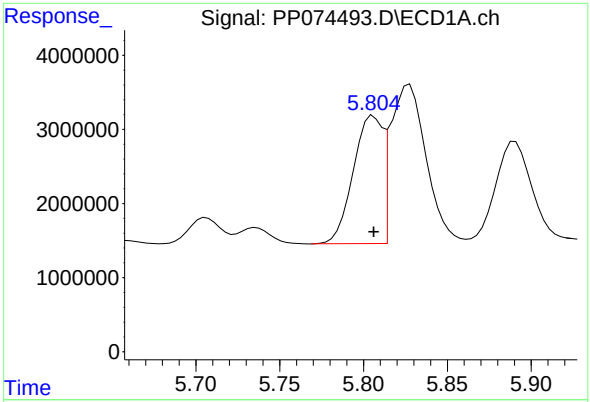
#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.000 min
Response: 49428660
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

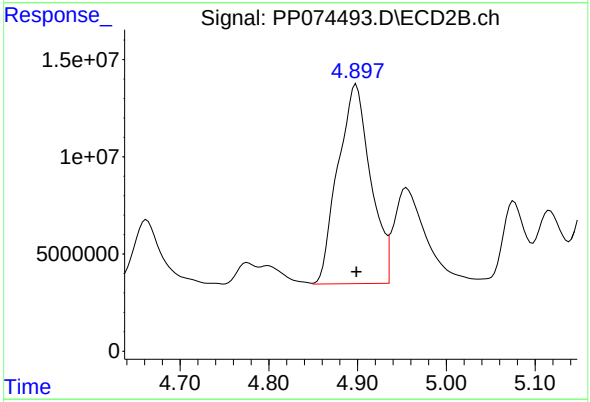
R.T.: 8.815 min
Delta R.T.: 0.000 min
Response: 395626639
Conc: 50.00 ng/ml



#3 AR-1016-1

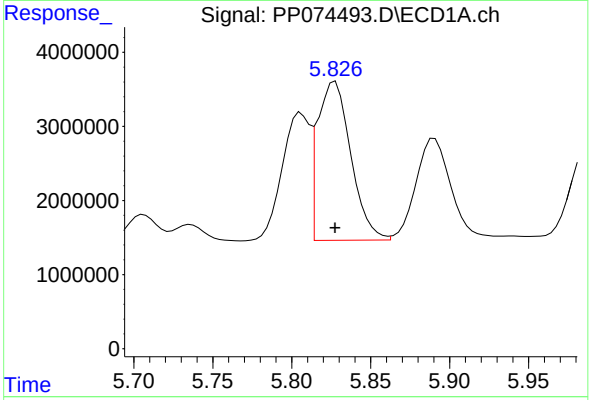
R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 20920137
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



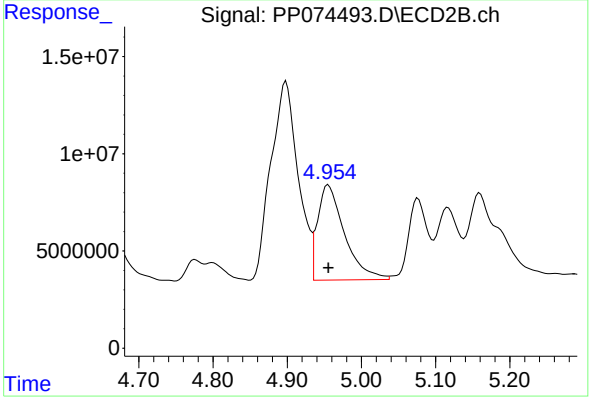
#3 AR-1016-1

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 261923114
Conc: 500.00 ng/ml



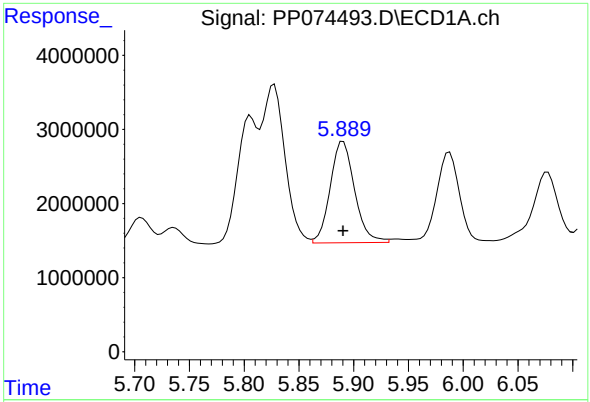
#4 AR-1016-2

R.T.: 5.827 min
Delta R.T.: 0.000 min
Response: 31604108
Conc: 500.00 ng/ml



#4 AR-1016-2

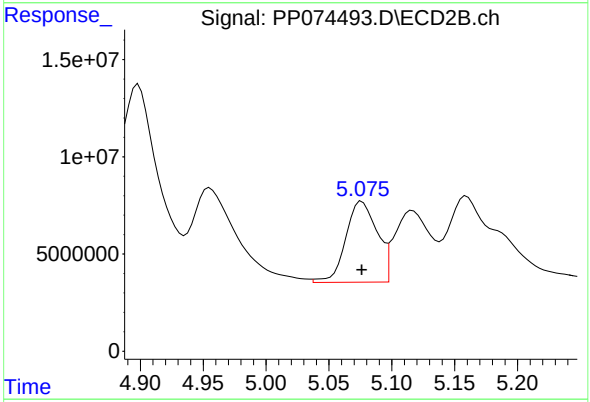
R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 123319039
Conc: 500.00 ng/ml



#5 AR-1016-3

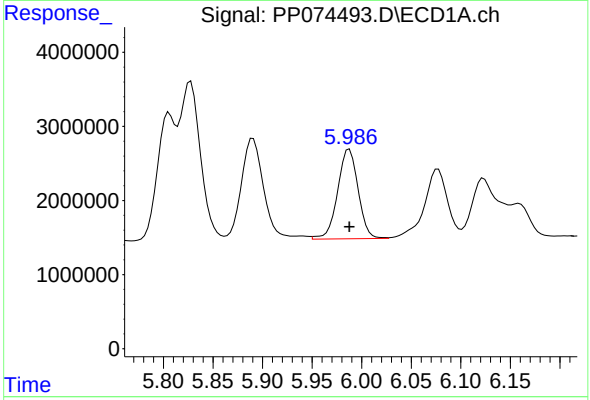
R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 21190171
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



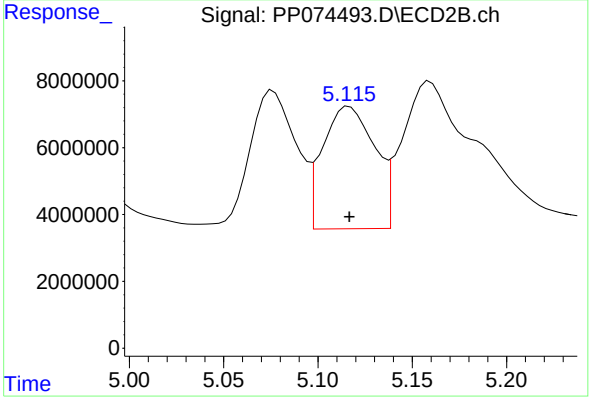
#5 AR-1016-3

R.T.: 5.076 min
Delta R.T.: 0.000 min
Response: 72165303
Conc: 500.00 ng/ml



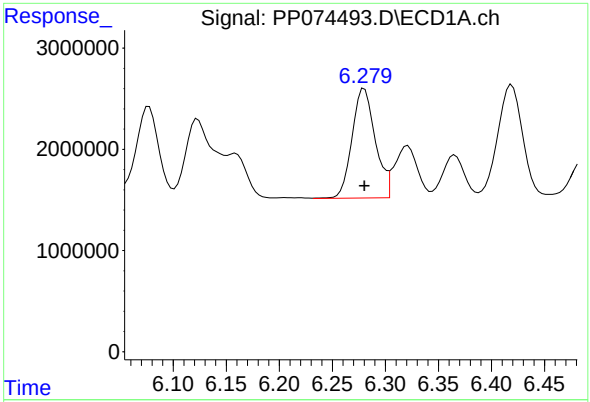
#6 AR-1016-4

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 17424194
Conc: 500.00 ng/ml



#6 AR-1016-4

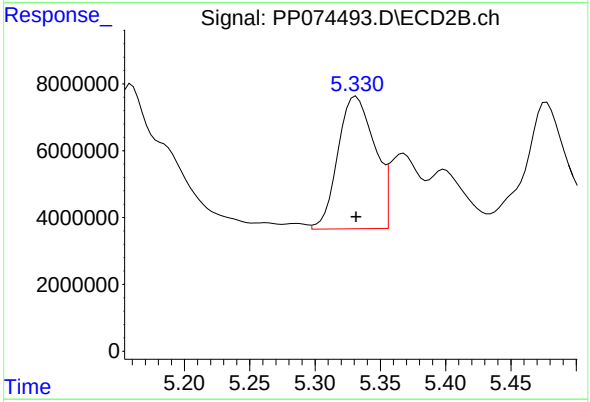
R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 70267426
Conc: 500.00 ng/ml



#7 AR-1016-5

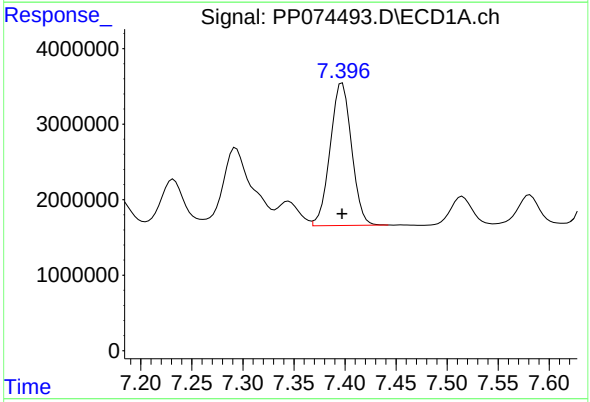
R.T.: 6.280 min
Delta R.T.: 0.000 min
Response: 16514822
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



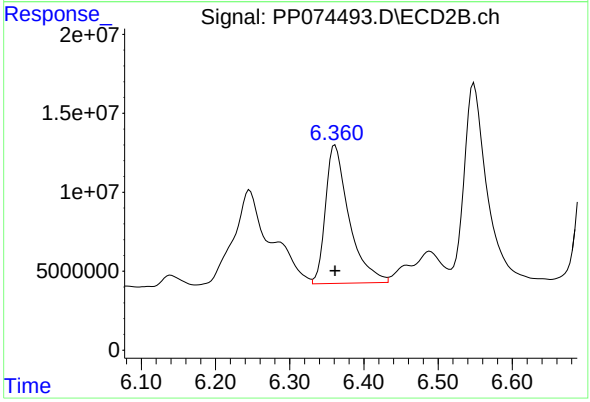
#7 AR-1016-5

R.T.: 5.331 min
Delta R.T.: 0.000 min
Response: 77618958
Conc: 500.00 ng/ml



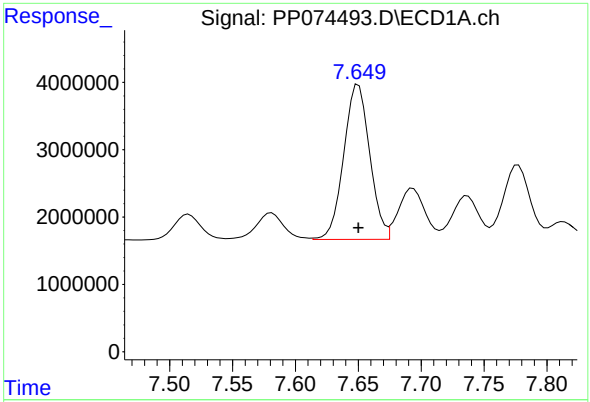
#31 AR-1260-1

R.T.: 7.397 min
Delta R.T.: 0.000 min
Response: 27671205
Conc: 500.00 ng/ml



#31 AR-1260-1

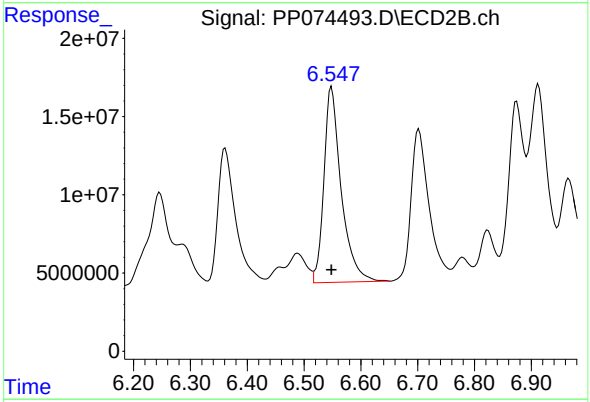
R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 193092595
Conc: 500.00 ng/ml



#32 AR-1260-2

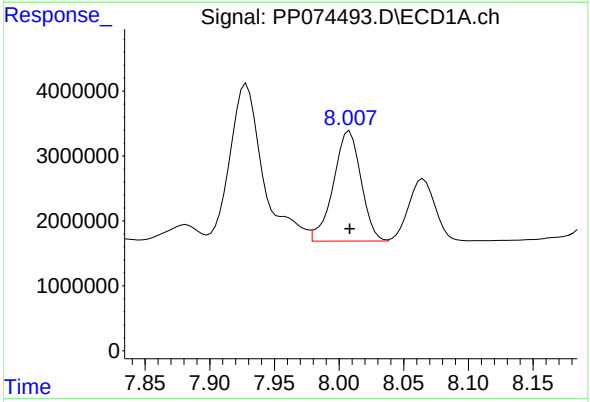
R.T.: 7.650 min
Delta R.T.: 0.000 min
Response: 33117420
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



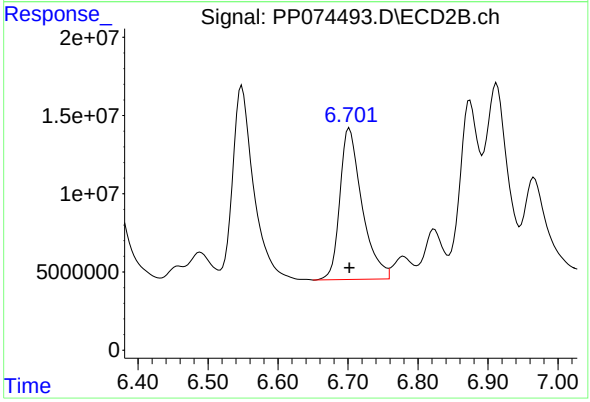
#32 AR-1260-2

R.T.: 6.548 min
Delta R.T.: 0.000 min
Response: 265397633
Conc: 500.00 ng/ml



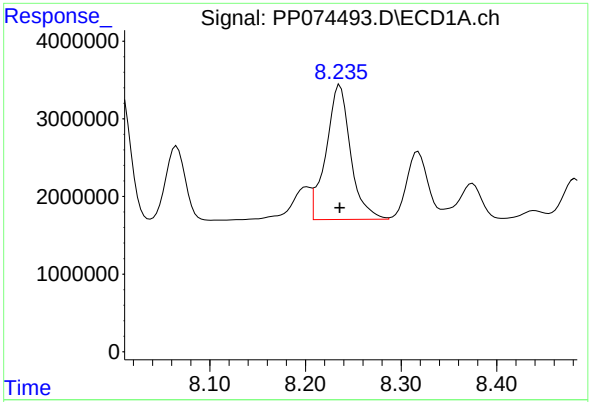
#33 AR-1260-3

R.T.: 8.008 min
Delta R.T.: 0.000 min
Response: 25243291
Conc: 500.00 ng/ml



#33 AR-1260-3

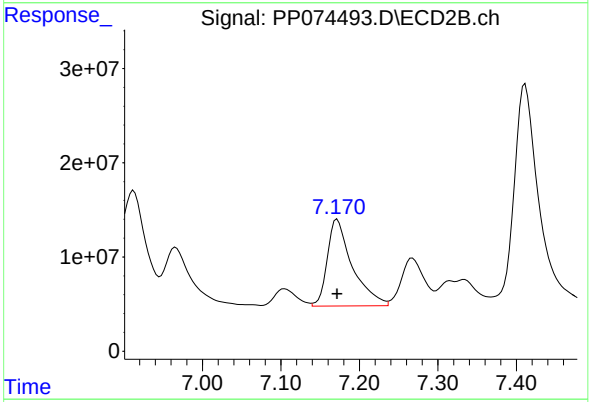
R.T.: 6.702 min
Delta R.T.: 0.000 min
Response: 212672406
Conc: 500.00 ng/ml



#34 AR-1260-4

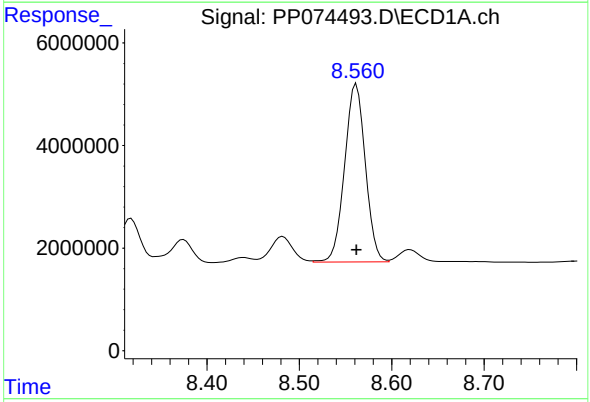
R.T.: 8.236 min
Delta R.T.: 0.000 min
Response: 30881860
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



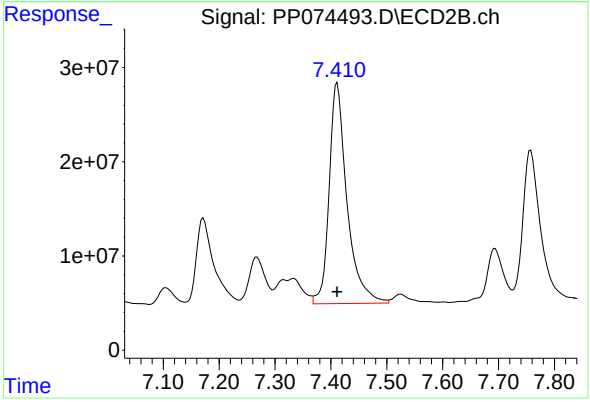
#34 AR-1260-4

R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 203394094
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 8.562 min
Delta R.T.: 0.000 min
Response: 54156707
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.411 min
Delta R.T.: 0.000 min
Response: 520247053
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074494.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 10:51
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: Aug 19 11:19:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.655	3.799	31713958	119.6E6	26.914	23.504
2)	SA Decachlor...	10.434	8.814	26471241	192.3E6	27.605	25.146
	Target Compounds						
3)	L1 AR-1016-1	5.807	4.898	11666881	128.3E6	282.947	251.814
4)	L1 AR-1016-2	5.828	4.955	17300138	62785628	280.868	257.451
5)	L1 AR-1016-3	5.891	5.076	12605142	35356900	296.959	257.647
6)	L1 AR-1016-4	5.988	5.117	9840543	35545917	288.345	256.557
7)	L1 AR-1016-5	6.281	5.331	9117281	40835857	281.897	261.221
31)	L7 AR-1260-1	7.398	6.362	15382503	95580250	284.046	253.089
32)	L7 AR-1260-2	7.651	6.548	18379468	128.9E6	284.986	246.798
33)	L7 AR-1260-3	8.008	6.701	14308554	103.0E6	284.156	251.347
34)	L7 AR-1260-4	8.237	7.171	16912466	95646887	281.275	243.291
35)	L7 AR-1260-5	8.562	7.410	29443860	251.5E6	275.751	241.347

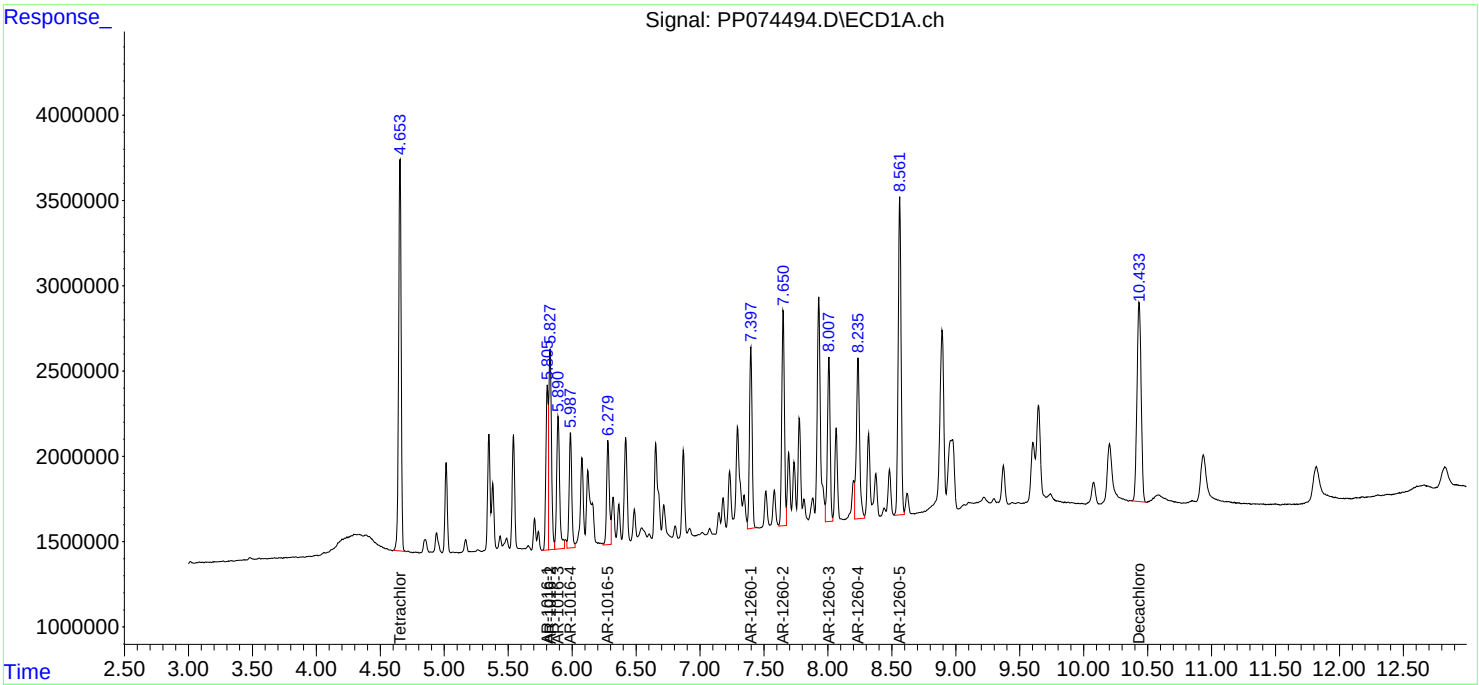
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

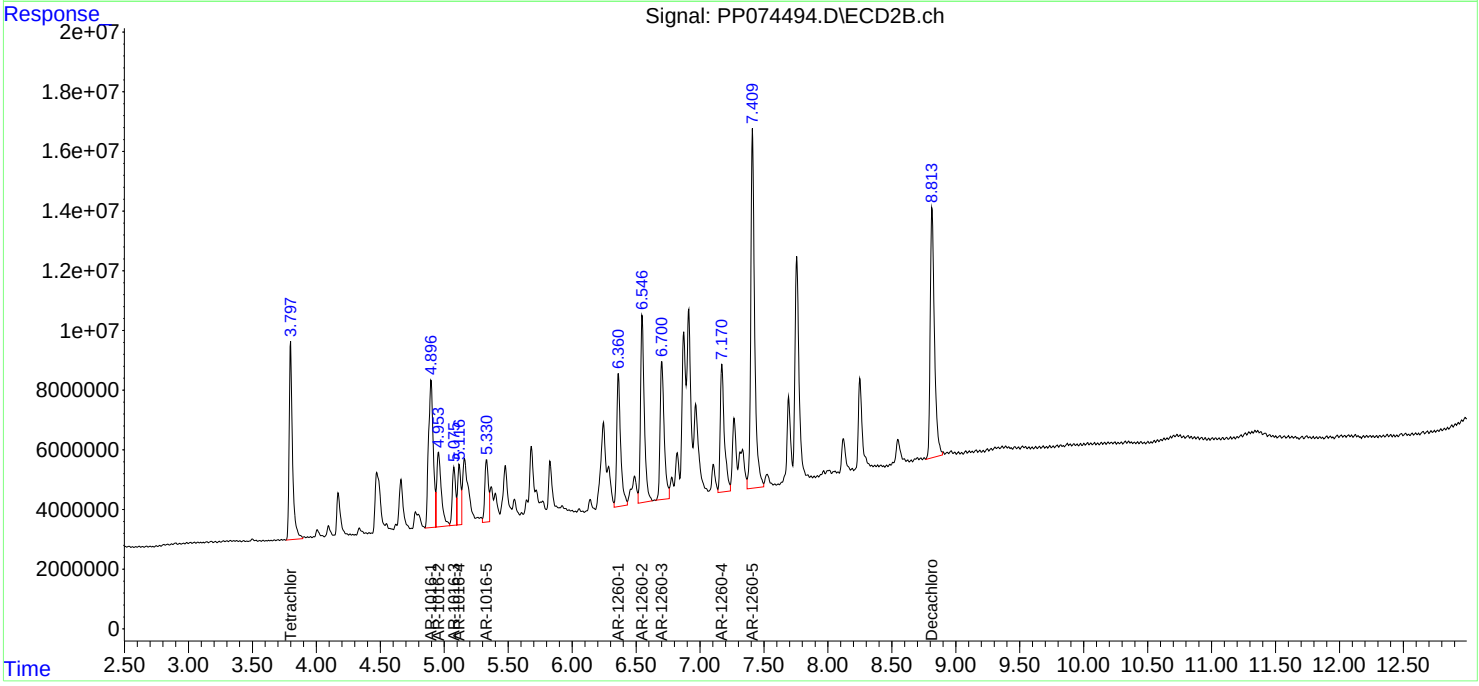
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074494.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 10:51
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

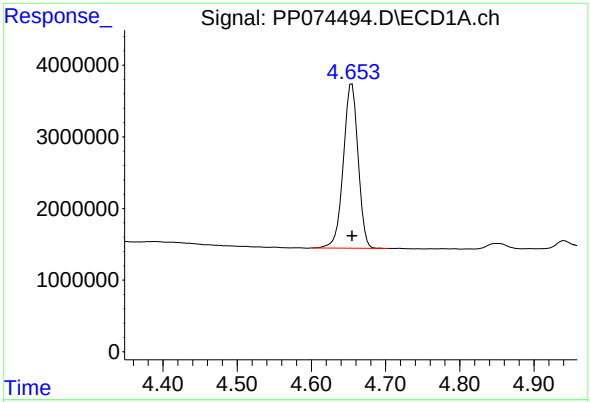
Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 11:19:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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



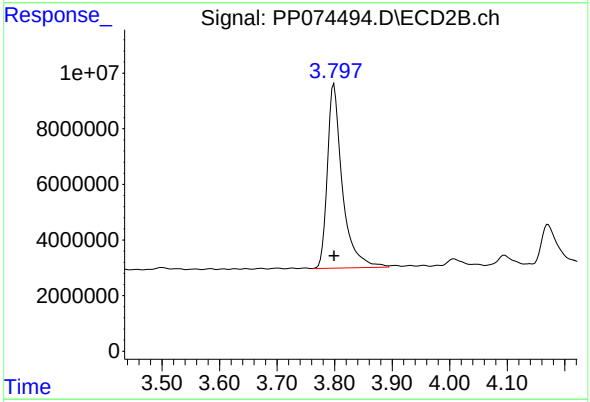




#1 Tetrachloro-m-xylene

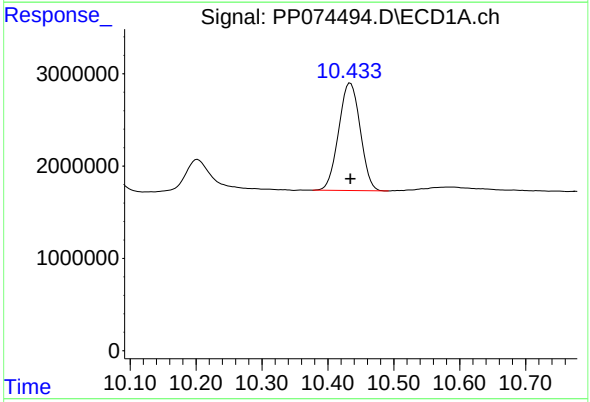
R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 31713958
Conc: 26.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



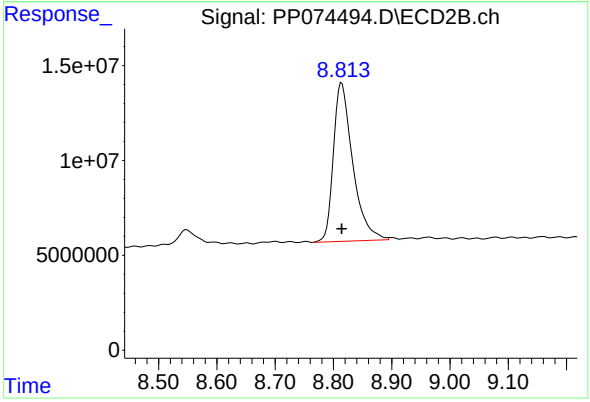
#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 119591862
Conc: 23.50 ng/ml



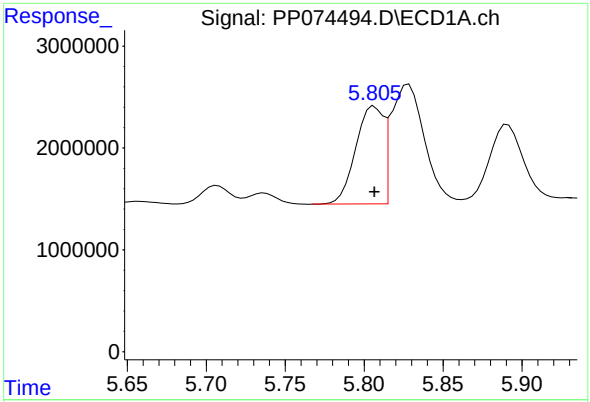
#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: 0.000 min
Response: 26471241
Conc: 27.61 ng/ml



#2 Decachlorobiphenyl

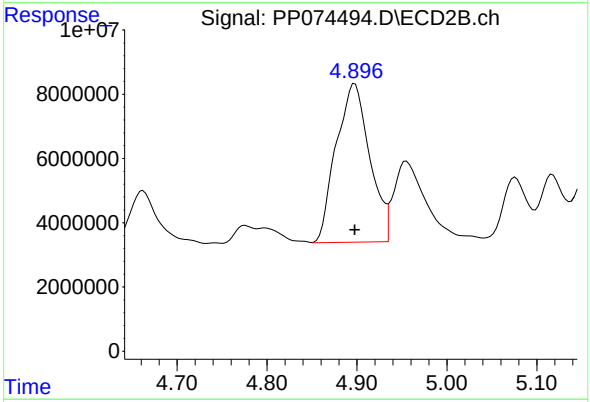
R.T.: 8.814 min
Delta R.T.: 0.000 min
Response: 192252050
Conc: 25.15 ng/ml



#3 AR-1016-1

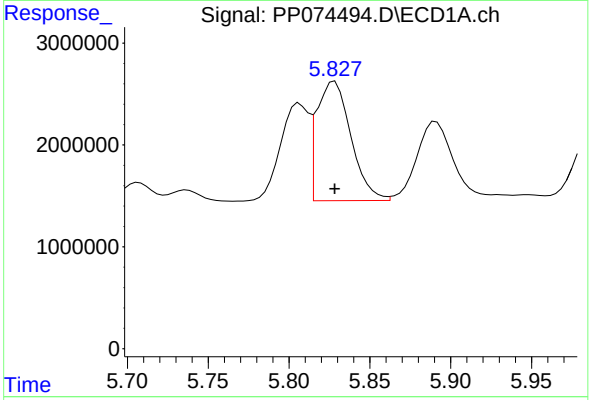
R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 11666881
Conc: 282.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



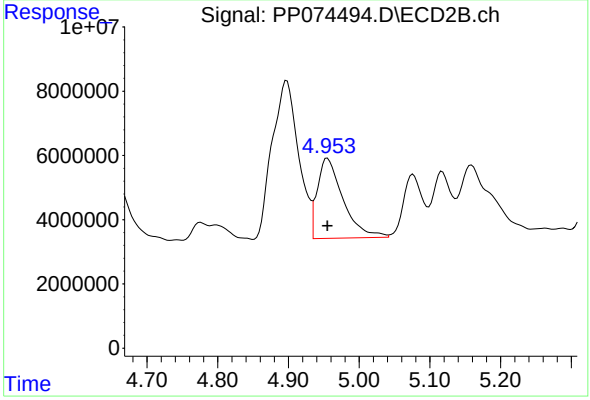
#3 AR-1016-1

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 128250724
Conc: 251.81 ng/ml



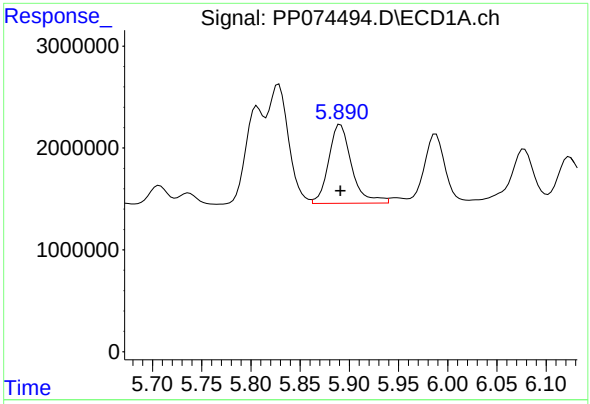
#4 AR-1016-2

R.T.: 5.828 min
Delta R.T.: 0.000 min
Response: 17300138
Conc: 280.87 ng/ml



#4 AR-1016-2

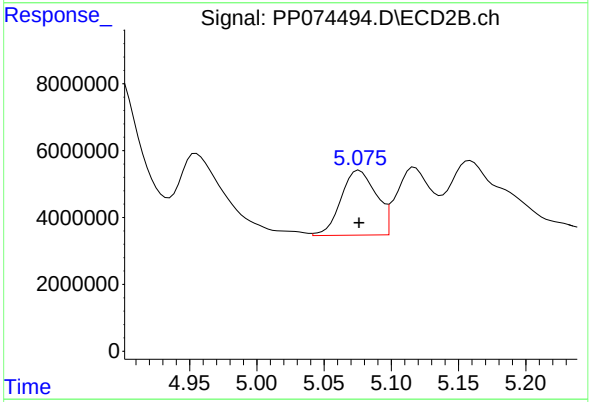
R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 62785628
Conc: 257.45 ng/ml



#5 AR-1016-3

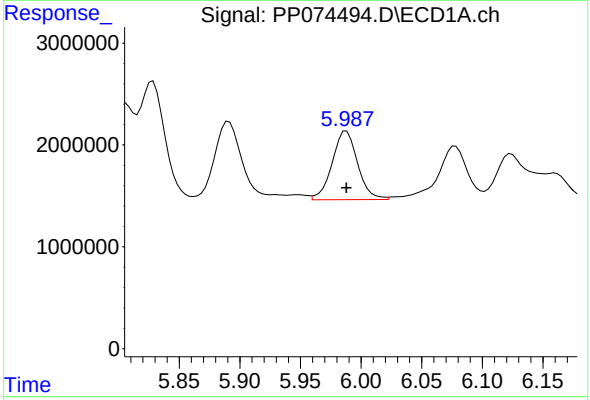
R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 12605142
Conc: 296.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



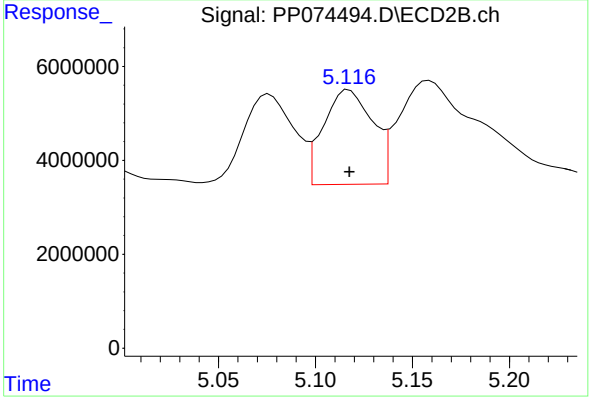
#5 AR-1016-3

R.T.: 5.076 min
Delta R.T.: 0.000 min
Response: 35356900
Conc: 257.65 ng/ml



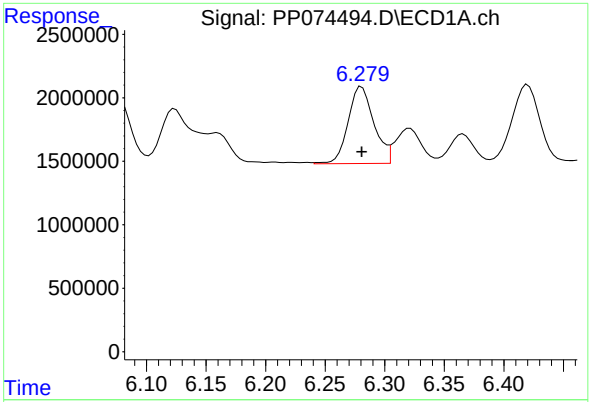
#6 AR-1016-4

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 9840543
Conc: 288.35 ng/ml



#6 AR-1016-4

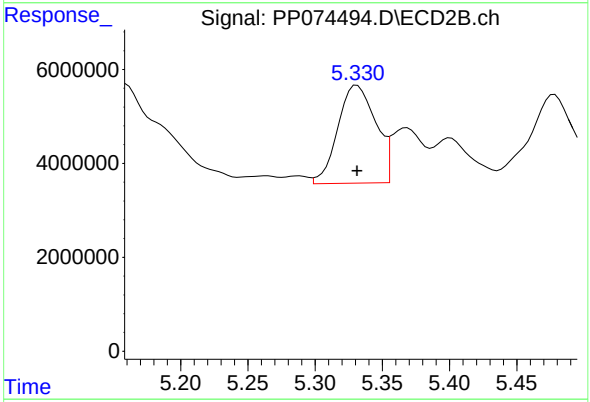
R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 35545917
Conc: 256.56 ng/ml



#7 AR-1016-5

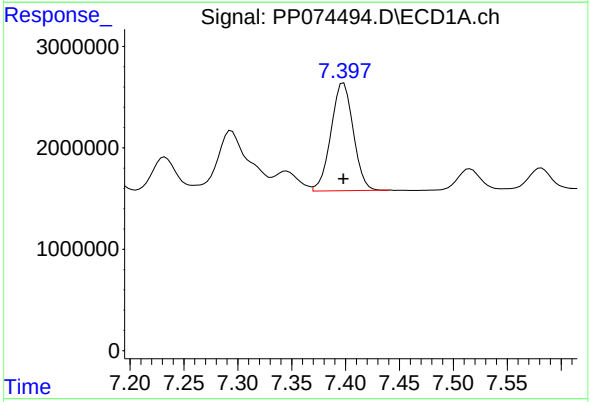
R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 9117281
Conc: 281.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



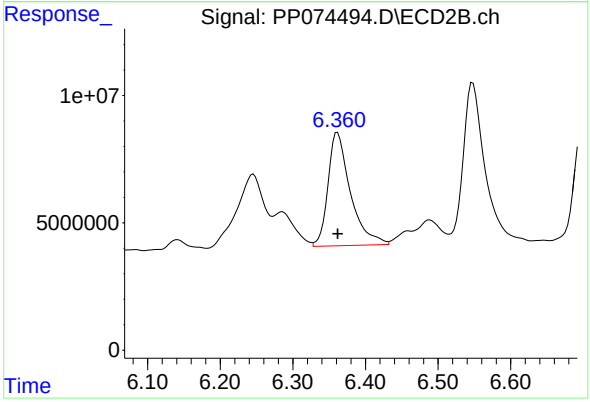
#7 AR-1016-5

R.T.: 5.331 min
Delta R.T.: 0.000 min
Response: 40835857
Conc: 261.22 ng/ml



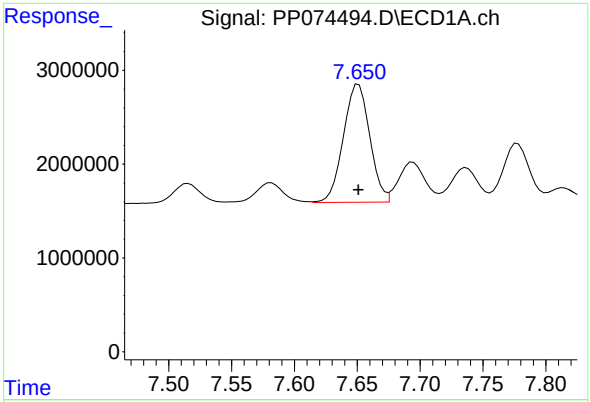
#31 AR-1260-1

R.T.: 7.398 min
Delta R.T.: 0.000 min
Response: 15382503
Conc: 284.05 ng/ml



#31 AR-1260-1

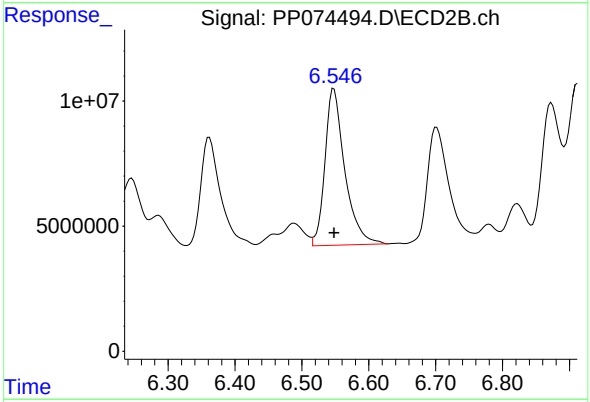
R.T.: 6.362 min
Delta R.T.: 0.000 min
Response: 95580250
Conc: 253.09 ng/ml



#32 AR-1260-2

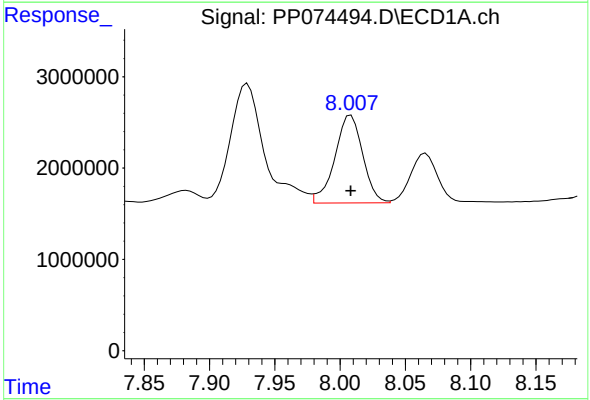
R.T.: 7.651 min
Delta R.T.: 0.000 min
Response: 18379468
Conc: 284.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



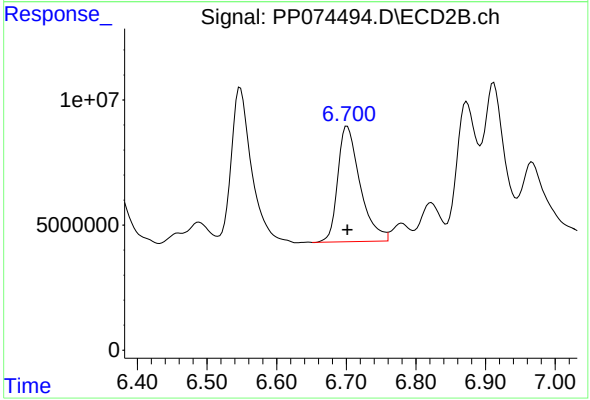
#32 AR-1260-2

R.T.: 6.548 min
Delta R.T.: 0.000 min
Response: 128904395
Conc: 246.80 ng/ml



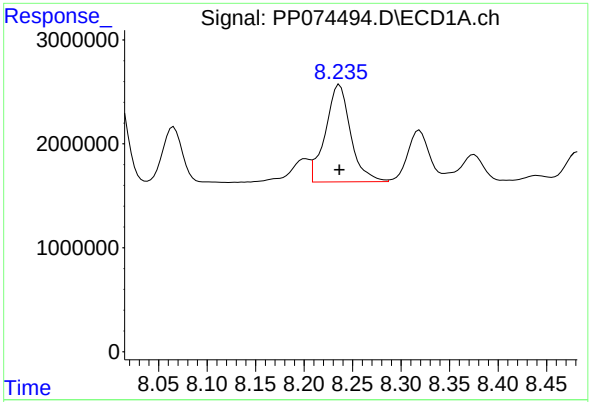
#33 AR-1260-3

R.T.: 8.008 min
Delta R.T.: 0.000 min
Response: 14308554
Conc: 284.16 ng/ml



#33 AR-1260-3

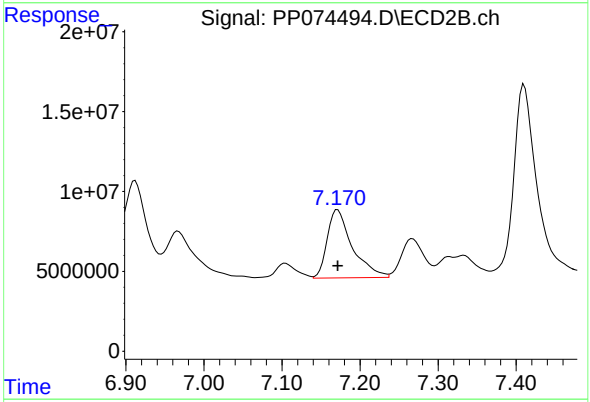
R.T.: 6.701 min
Delta R.T.: 0.000 min
Response: 102991410
Conc: 251.35 ng/ml



#34 AR-1260-4

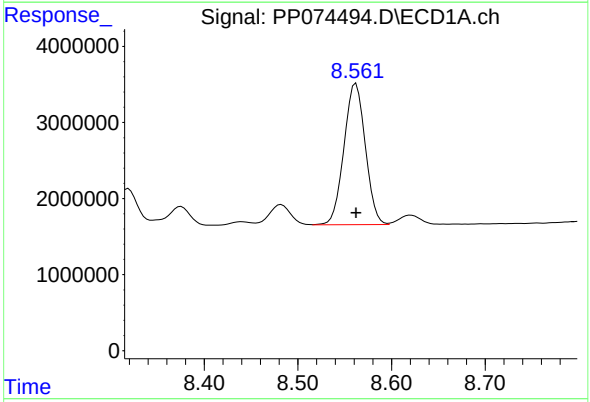
R.T.: 8.237 min
Delta R.T.: 0.000 min
Response: 16912466
Conc: 281.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



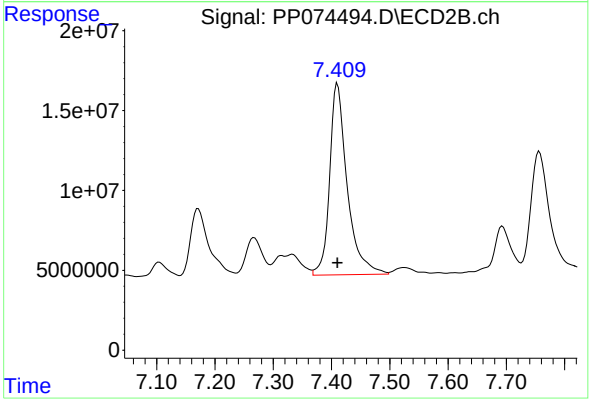
#34 AR-1260-4

R.T.: 7.171 min
Delta R.T.: 0.000 min
Response: 95646887
Conc: 243.29 ng/ml



#35 AR-1260-5

R.T.: 8.562 min
Delta R.T.: 0.000 min
Response: 29443860
Conc: 275.75 ng/ml



#35 AR-1260-5

R.T.: 7.410 min
Delta R.T.: 0.000 min
Response: 251478559
Conc: 241.35 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074495.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:07
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 11:23:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.657	3.801	7024957	19122429	5.741	3.955 #
2)	SA Decachlor...	10.436	8.818	5509179	34572334	5.579	4.610
	Target Compounds						
3)	L1 AR-1016-1	5.808	4.902	2775528	25477095	63.327m	50.018
4)	L1 AR-1016-2	5.829	4.960	3391344	10729046	53.675m	45.077
5)	L1 AR-1016-3	5.893	5.081	2738989	7029920	60.487m	50.977
6)	L1 AR-1016-4	5.989	5.119	1969930	7240890	55.168m	51.793
7)	L1 AR-1016-5	6.283	5.333	1827989	10255452	55.083	61.749
31)	L7 AR-1260-1	7.401	6.364	3621398	18274802	62.644	48.704
32)	L7 AR-1260-2	7.654	6.549	4330850	27742209	62.841	52.461
33)	L7 AR-1260-3	8.010	6.704	2900409	26298630	56.353m	65.936
34)	L7 AR-1260-4	8.239	7.174	3922604	16740846	61.870m	43.643m#
35)	L7 AR-1260-5	8.564	7.412	6997672	42724494	62.472	43.317m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074495.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:07
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

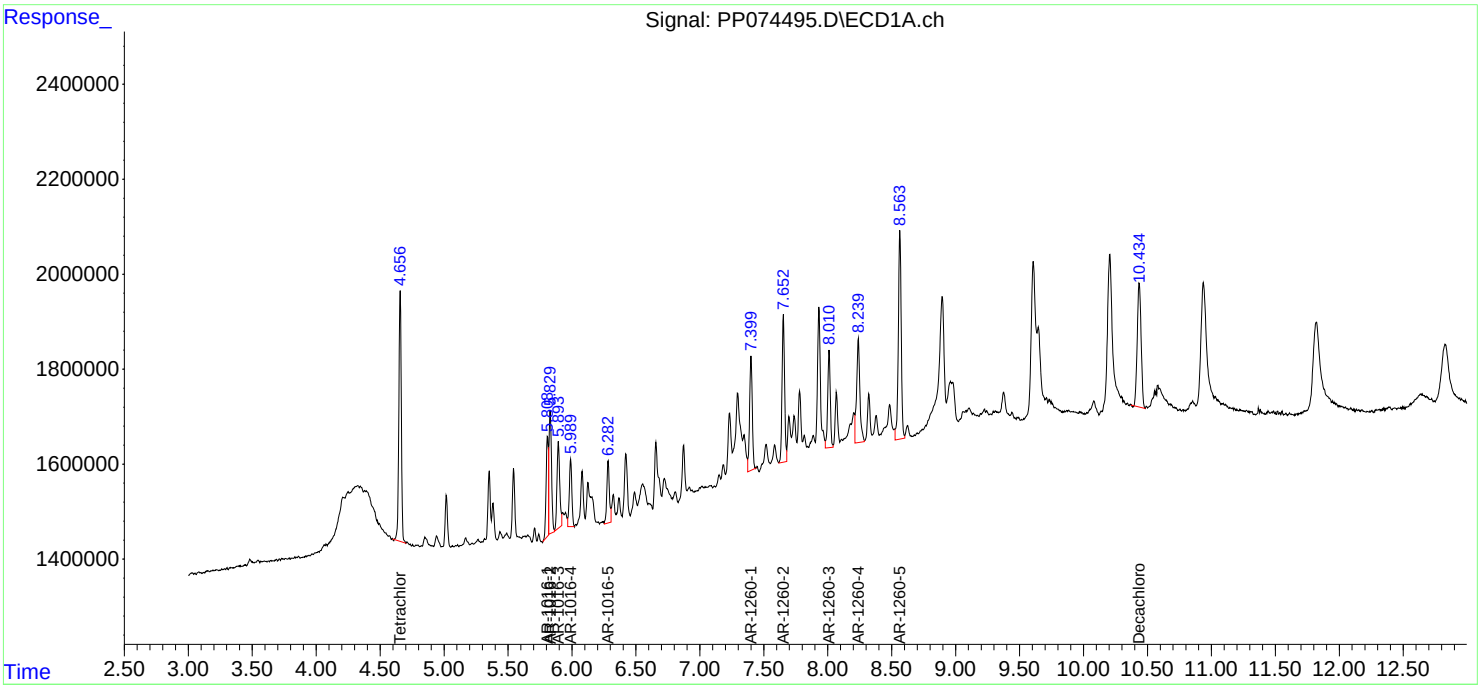
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

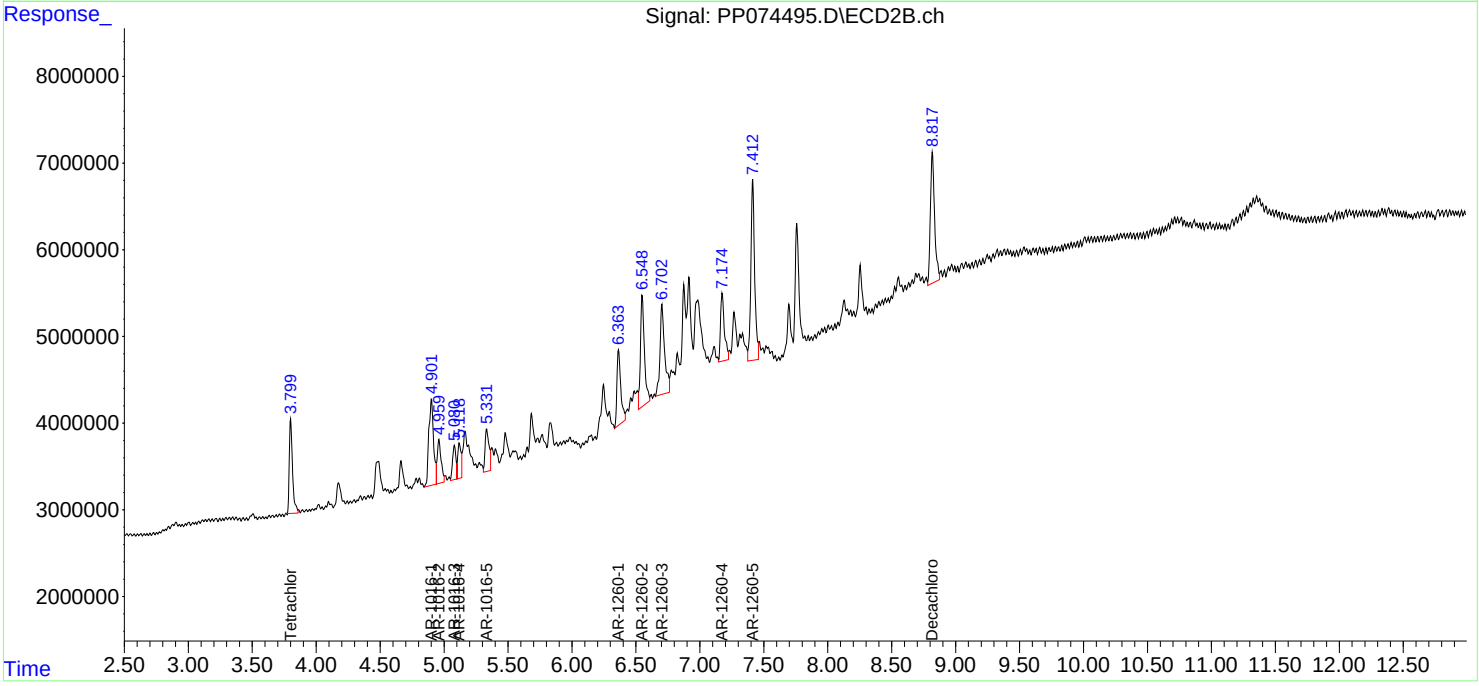
Manual Integrations APPROVED

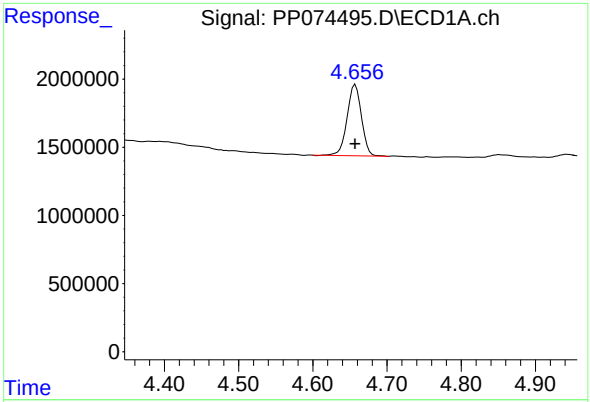
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 11:23:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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







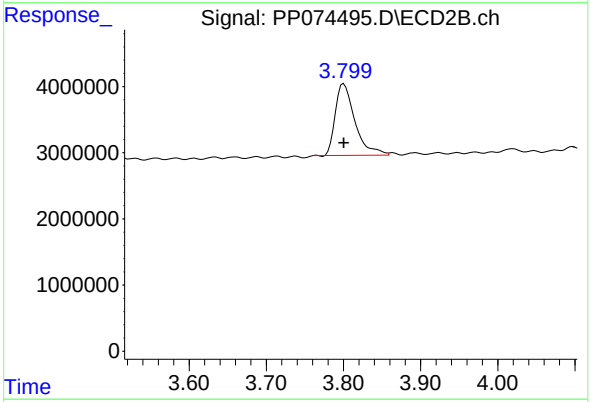
#1 Tetrachloro-m-xylene

R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 7024957
Conc: 5.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

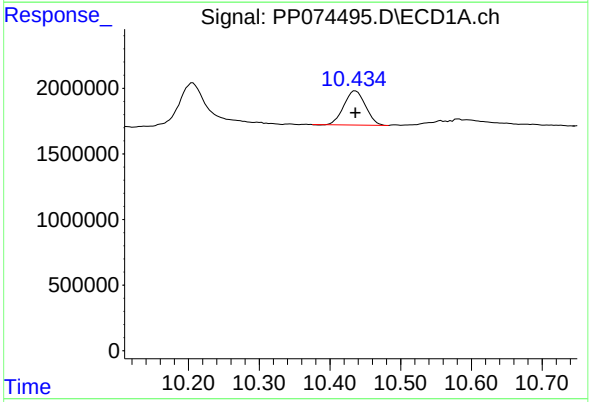
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



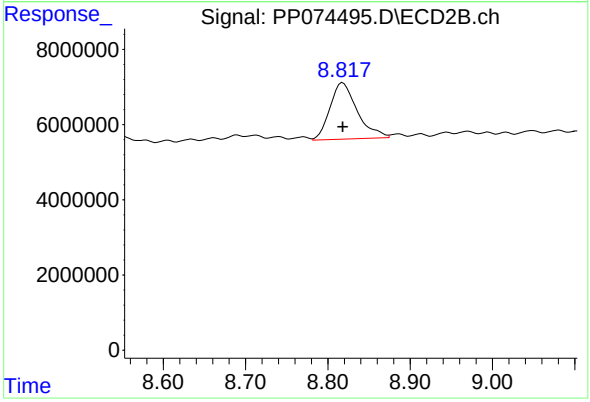
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 19122429
Conc: 3.95 ng/ml



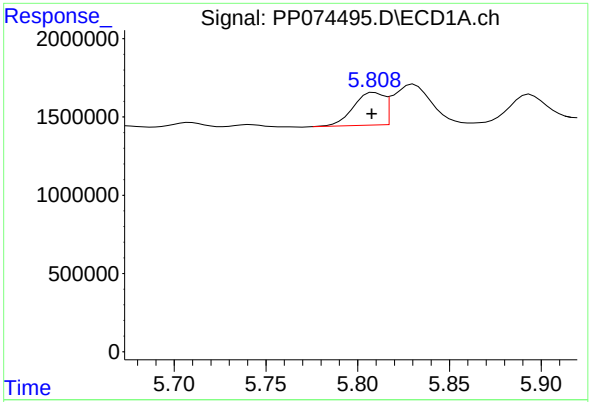
#2 Decachlorobiphenyl

R.T.: 10.436 min
Delta R.T.: 0.000 min
Response: 5509179
Conc: 5.58 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.818 min
Delta R.T.: 0.000 min
Response: 34572334
Conc: 4.61 ng/ml



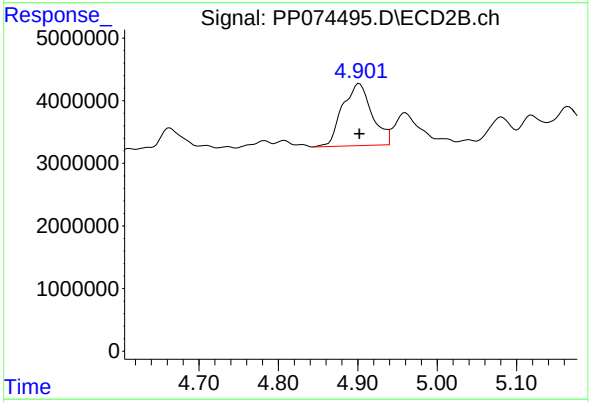
#3 AR-1016-1

R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 2775528
Conc: 63.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

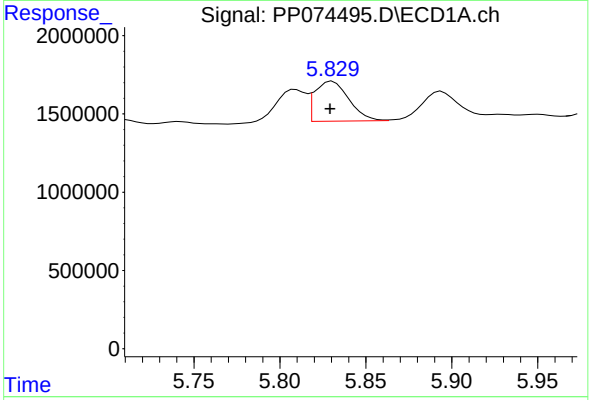
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



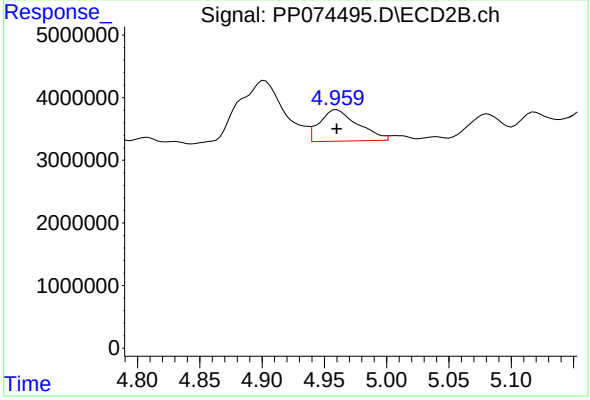
#3 AR-1016-1

R.T.: 4.902 min
Delta R.T.: 0.000 min
Response: 25477095
Conc: 50.02 ng/ml



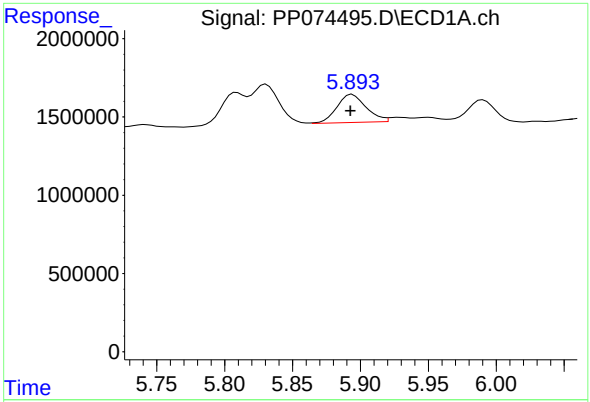
#4 AR-1016-2

R.T.: 5.829 min
Delta R.T.: 0.000 min
Response: 3391344
Conc: 53.68 ng/ml m



#4 AR-1016-2

R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 10729046
Conc: 45.08 ng/ml



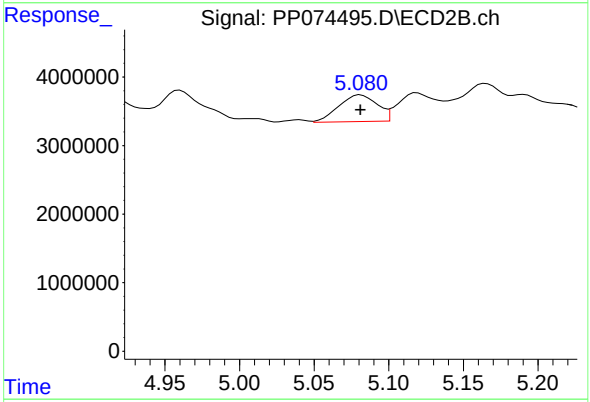
#5 AR-1016-3

R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 2738989
Conc: 60.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

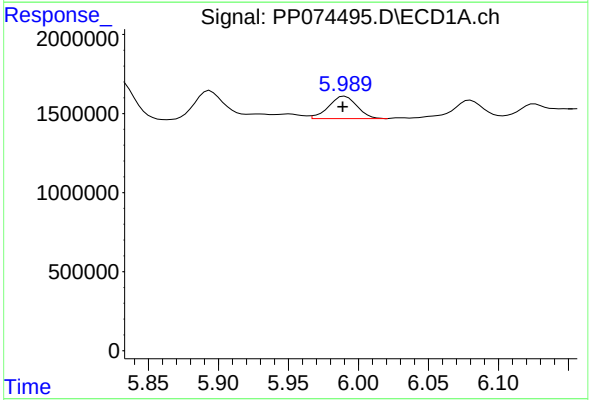
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



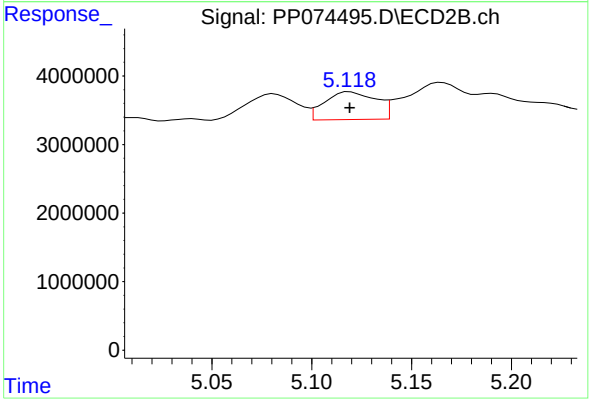
#5 AR-1016-3

R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 7029920
Conc: 50.98 ng/ml



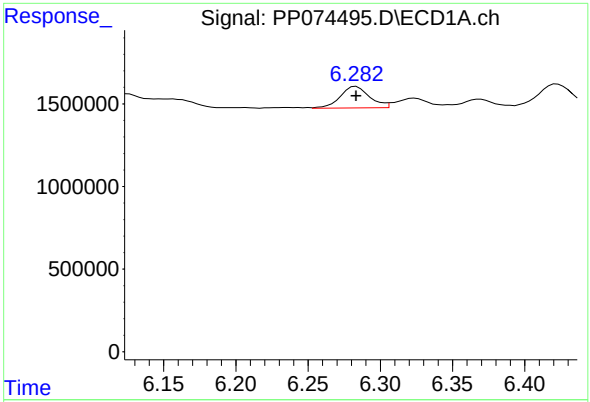
#6 AR-1016-4

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 1969930
Conc: 55.17 ng/ml m



#6 AR-1016-4

R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 7240890
Conc: 51.79 ng/ml



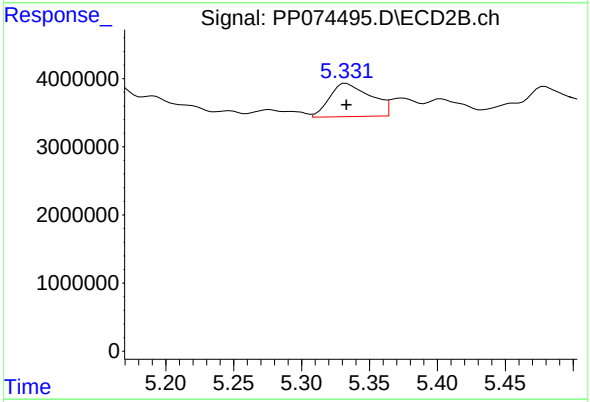
#7 AR-1016-5

R.T.: 6.283 min
Delta R.T.: 0.000 min
Response: 1827989
Conc: 55.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

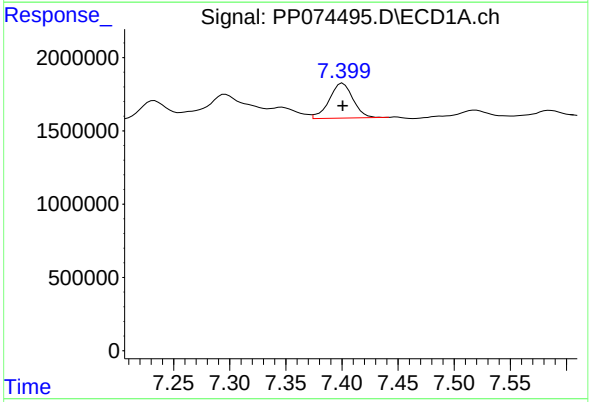
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



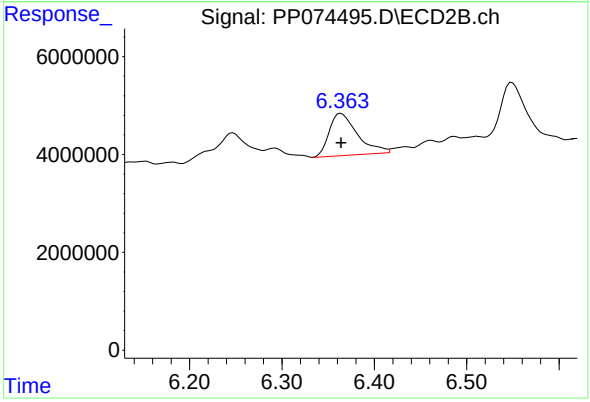
#7 AR-1016-5

R.T.: 5.333 min
Delta R.T.: 0.000 min
Response: 10255452
Conc: 61.75 ng/ml



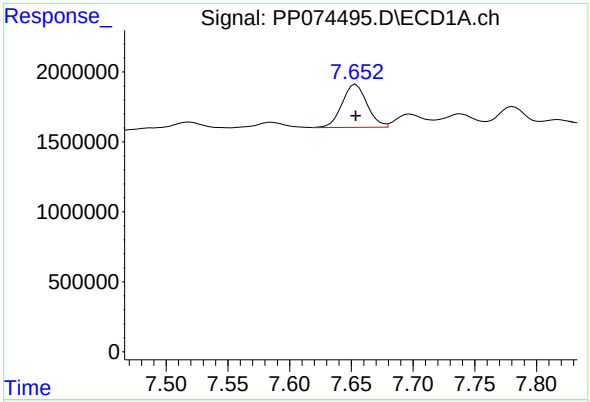
#31 AR-1260-1

R.T.: 7.401 min
Delta R.T.: 0.000 min
Response: 3621398
Conc: 62.64 ng/ml



#31 AR-1260-1

R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 18274802
Conc: 48.70 ng/ml



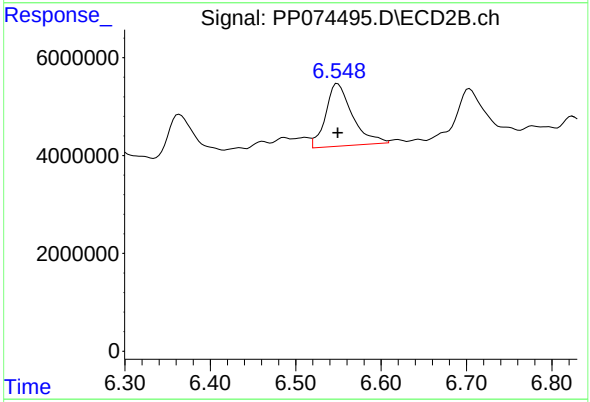
#32 AR-1260-2

R.T.: 7.654 min
Delta R.T.: 0.000 min
Response: 4330850
Conc: 62.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

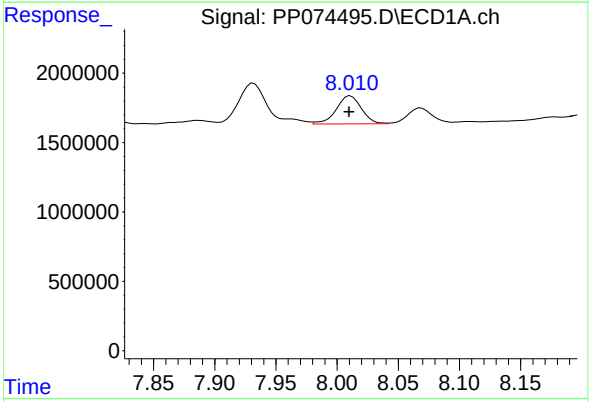
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



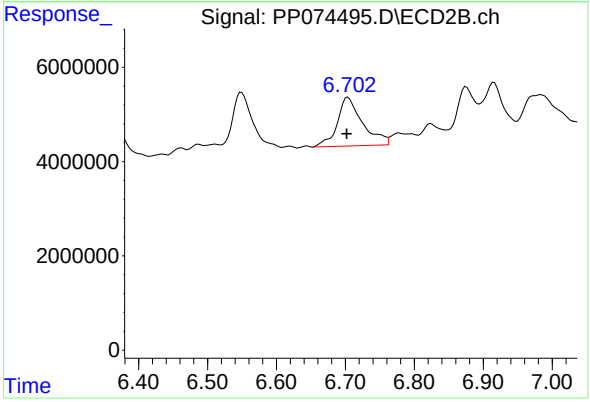
#32 AR-1260-2

R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 27742209
Conc: 52.46 ng/ml



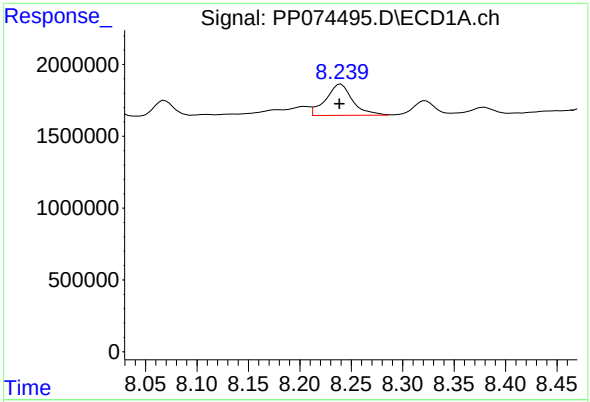
#33 AR-1260-3

R.T.: 8.010 min
Delta R.T.: 0.000 min
Response: 2900409
Conc: 56.35 ng/ml m



#33 AR-1260-3

R.T.: 6.704 min
Delta R.T.: 0.001 min
Response: 26298630
Conc: 65.94 ng/ml



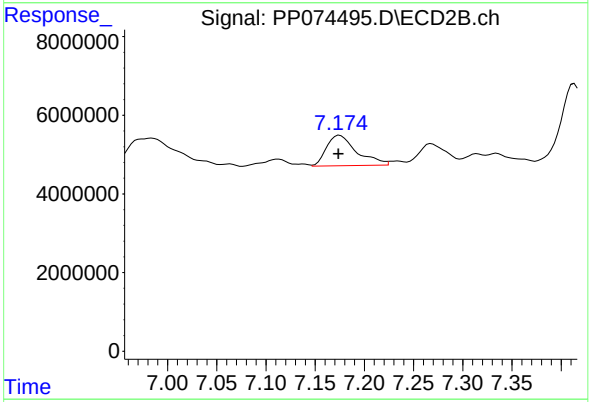
#34 AR-1260-4

R.T.: 8.239 min
Delta R.T.: 0.000 min
Response: 3922604
Conc: 61.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

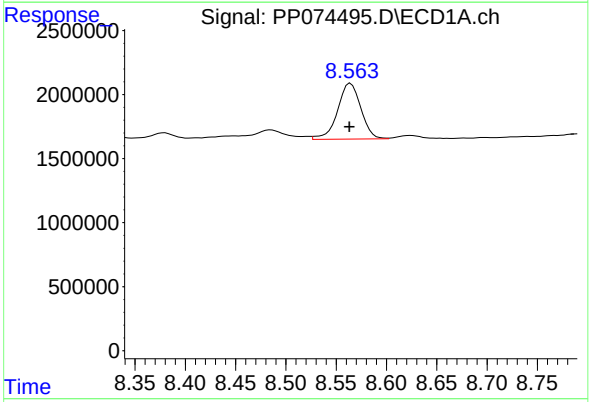
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



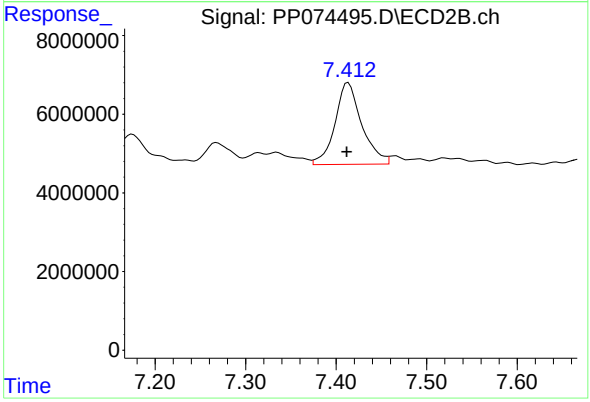
#34 AR-1260-4

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 16740846
Conc: 43.64 ng/ml m



#35 AR-1260-5

R.T.: 8.564 min
Delta R.T.: 0.001 min
Response: 6997672
Conc: 62.47 ng/ml



#35 AR-1260-5

R.T.: 7.412 min
Delta R.T.: 0.000 min
Response: 42724494
Conc: 43.32 ng/ml m

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074496.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:23
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: Aug 19 11:41:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 11:40:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.654	3.799	57850583	238.7E6	50.000	50.000
2)	SA Decachlor...	10.431	8.815	48331426	370.6E6	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	4.853	4.011	8796420	30933713	500.000	500.000
9)	L2 AR-1221-2	4.939	4.097	6678596	22606039	500.000	500.000
10)	L2 AR-1221-3	5.015	4.173	18956378	82146924	500.000	500.000

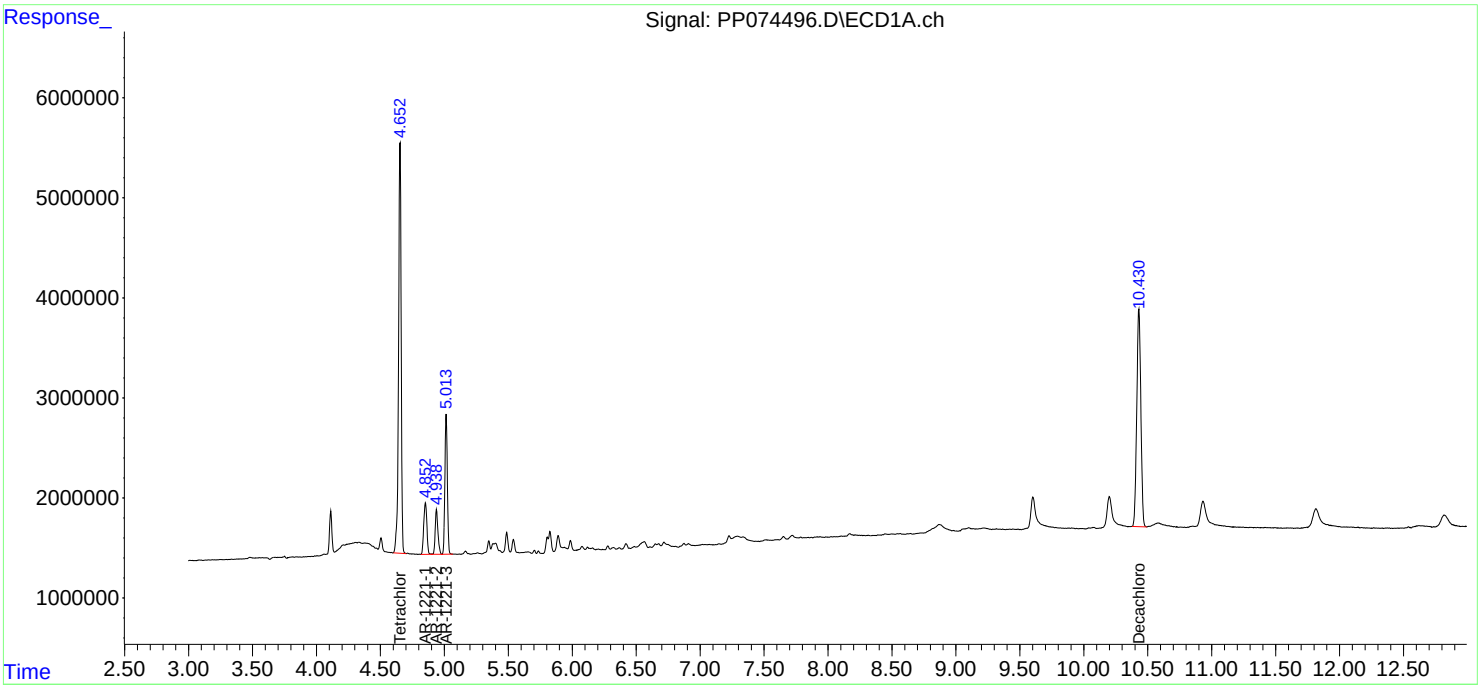
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

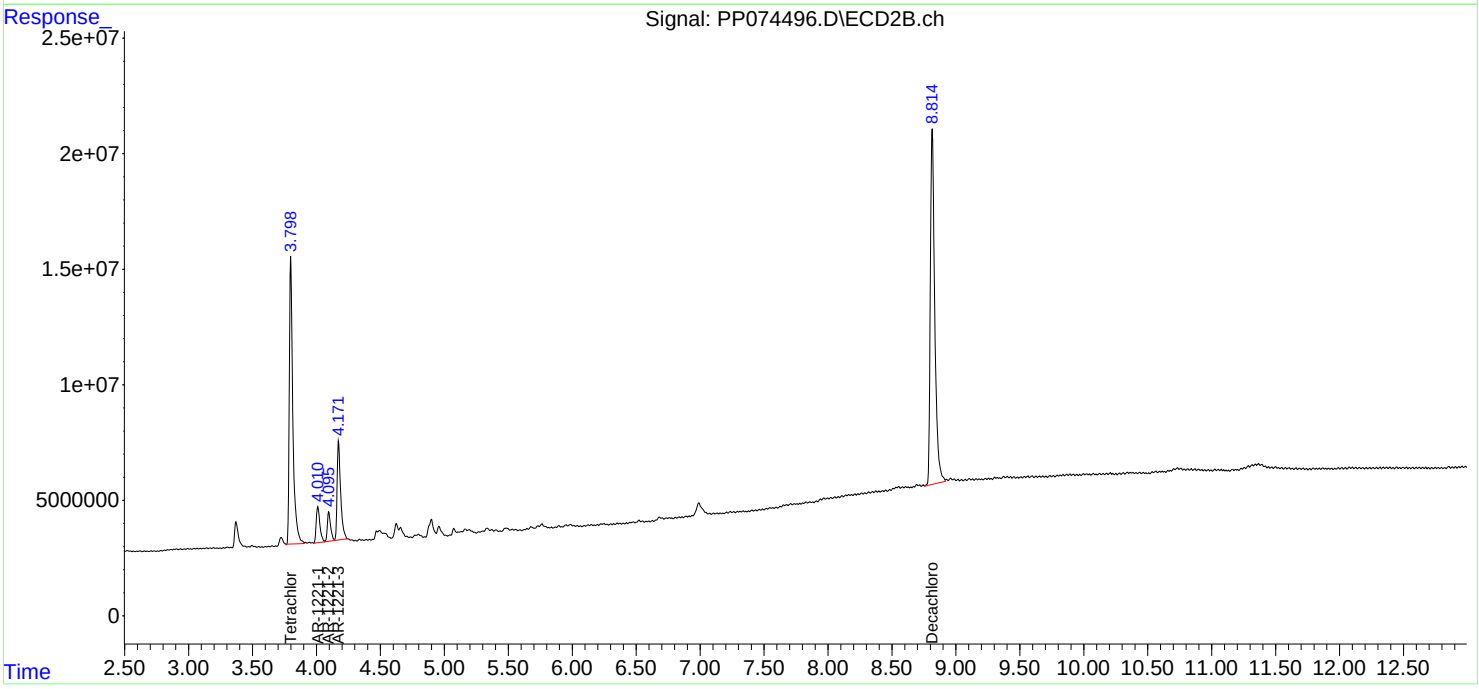
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074496.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:23
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

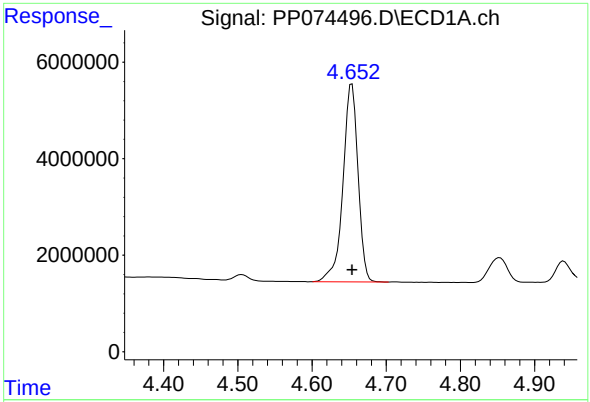
Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 11:41:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 11:40:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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



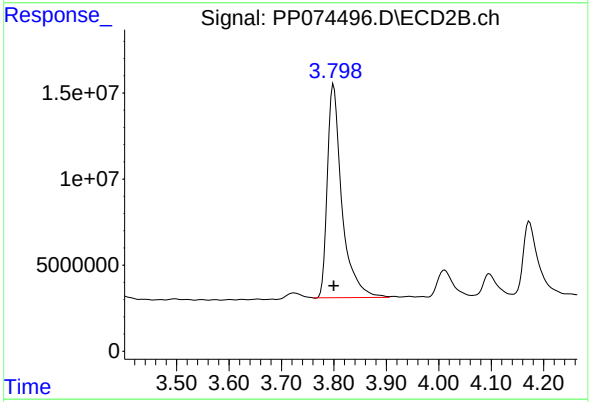




#1 Tetrachloro-m-xylene

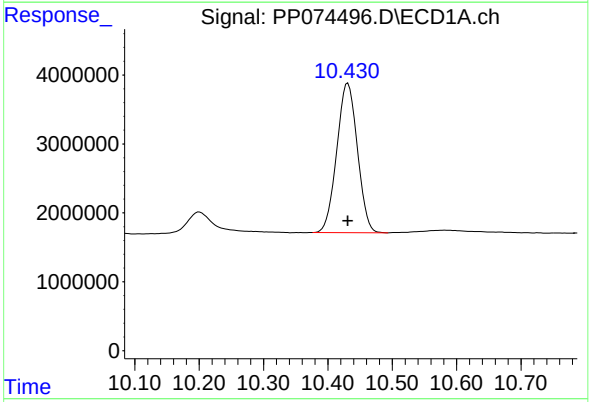
R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 57850583
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



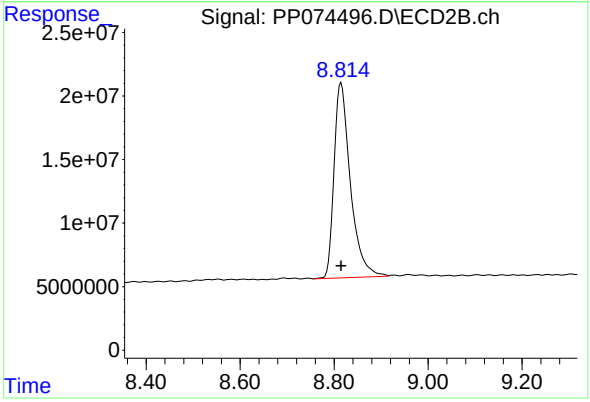
#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 238663208
Conc: 50.00 ng/ml



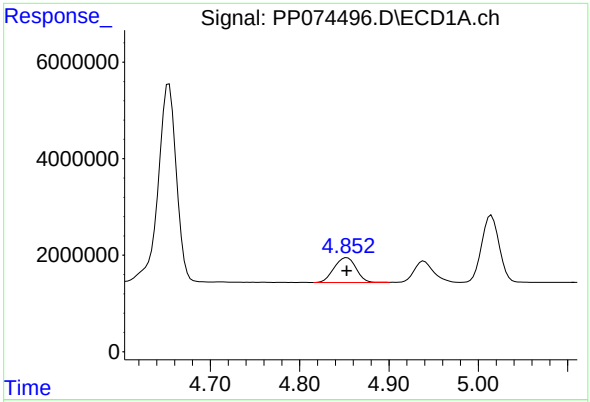
#2 Decachlorobiphenyl

R.T.: 10.431 min
Delta R.T.: 0.000 min
Response: 48331426
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

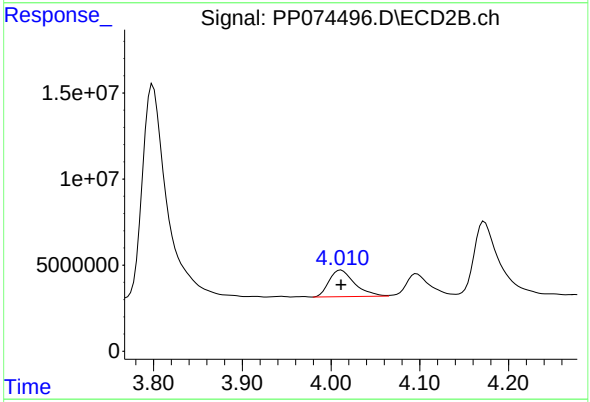
R.T.: 8.815 min
Delta R.T.: 0.000 min
Response: 370620485
Conc: 50.00 ng/ml



#8 AR-1221-1

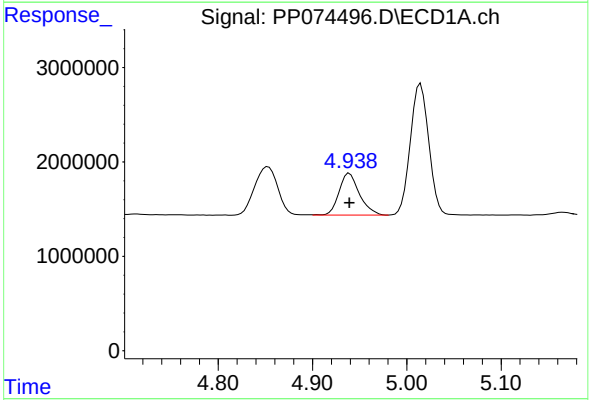
R.T.: 4.853 min
Delta R.T.: 0.000 min
Response: 8796420
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



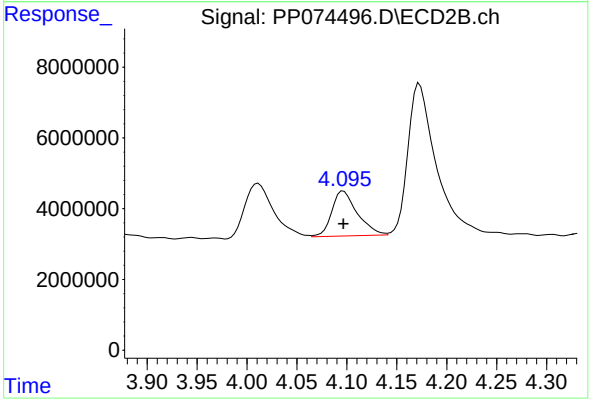
#8 AR-1221-1

R.T.: 4.011 min
Delta R.T.: 0.000 min
Response: 30933713
Conc: 500.00 ng/ml



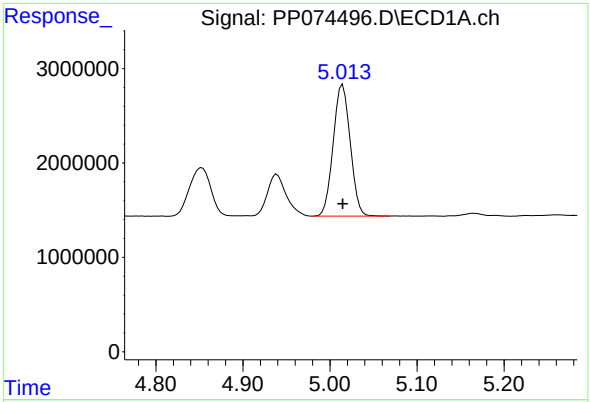
#9 AR-1221-2

R.T.: 4.939 min
Delta R.T.: 0.000 min
Response: 6678596
Conc: 500.00 ng/ml



#9 AR-1221-2

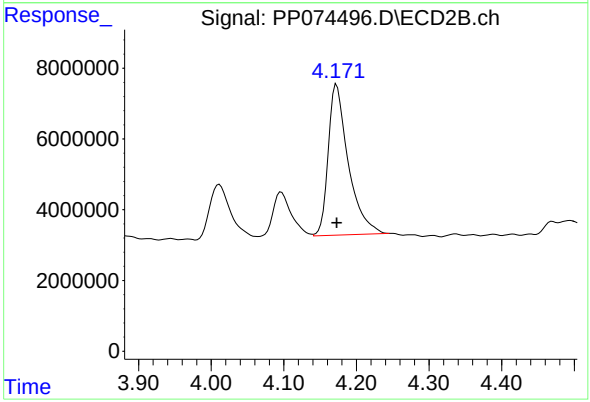
R.T.: 4.097 min
Delta R.T.: 0.000 min
Response: 22606039
Conc: 500.00 ng/ml



#10 AR-1221-3

R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 18956378
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



#10 AR-1221-3

R.T.: 4.173 min
Delta R.T.: 0.000 min
Response: 82146924
Conc: 500.00 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074497.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:39
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:13:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:12:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.655	3.799	58746394	255.4E6	50.000	50.000
2)	SA Decachlor...	10.434	8.815	49336755	375.4E6	50.000	50.000
	Target Compounds						
11)	L3 AR-1232-1	5.016	4.172	15186953	64047715	500.000	500.000
12)	L3 AR-1232-2	5.542	4.899	7879113	115.9E6	500.000	500.000
13)	L3 AR-1232-3	5.828	5.076	15271847	30029881	500.000	500.000
14)	L3 AR-1232-4	5.988	5.157	8634636	36853690	500.000	505.838m
15)	L3 AR-1232-5	6.077	5.332	6490477	31041901	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\PP081925\
Data File : PP074497.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:39
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

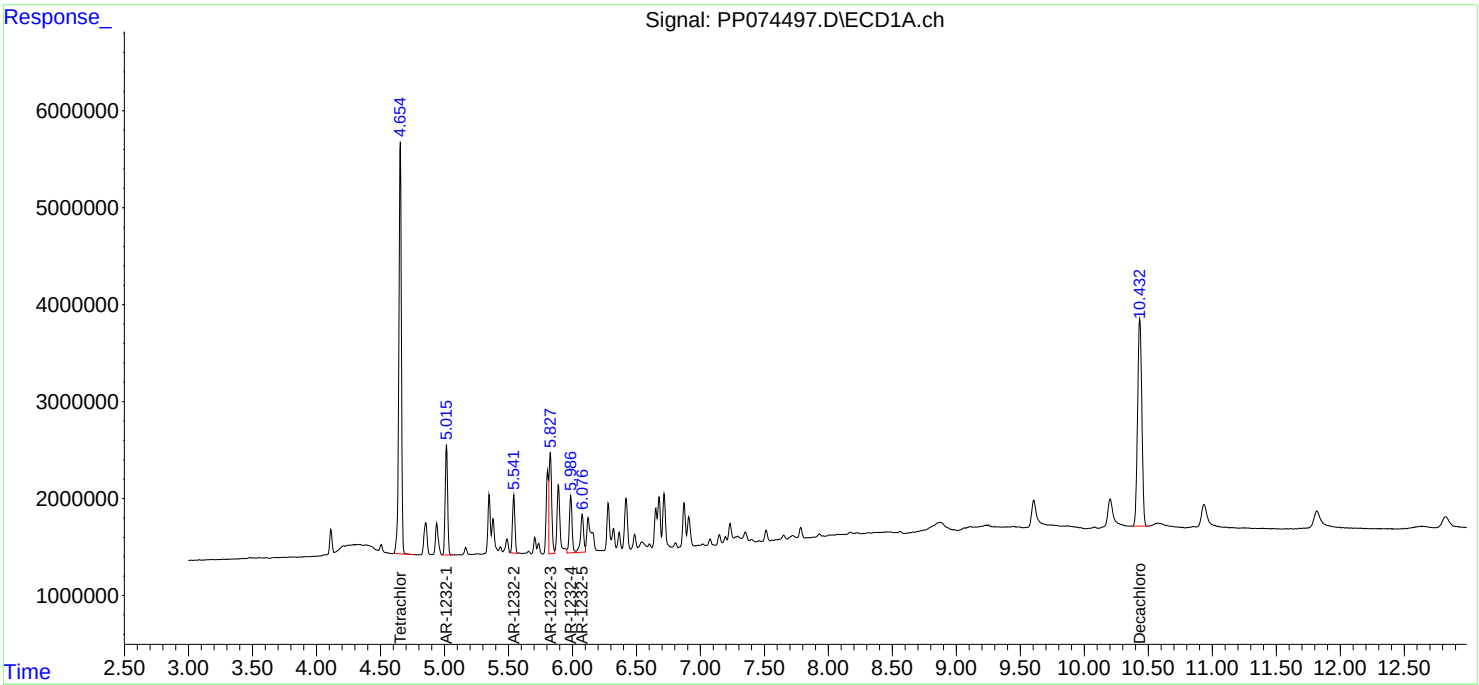
Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

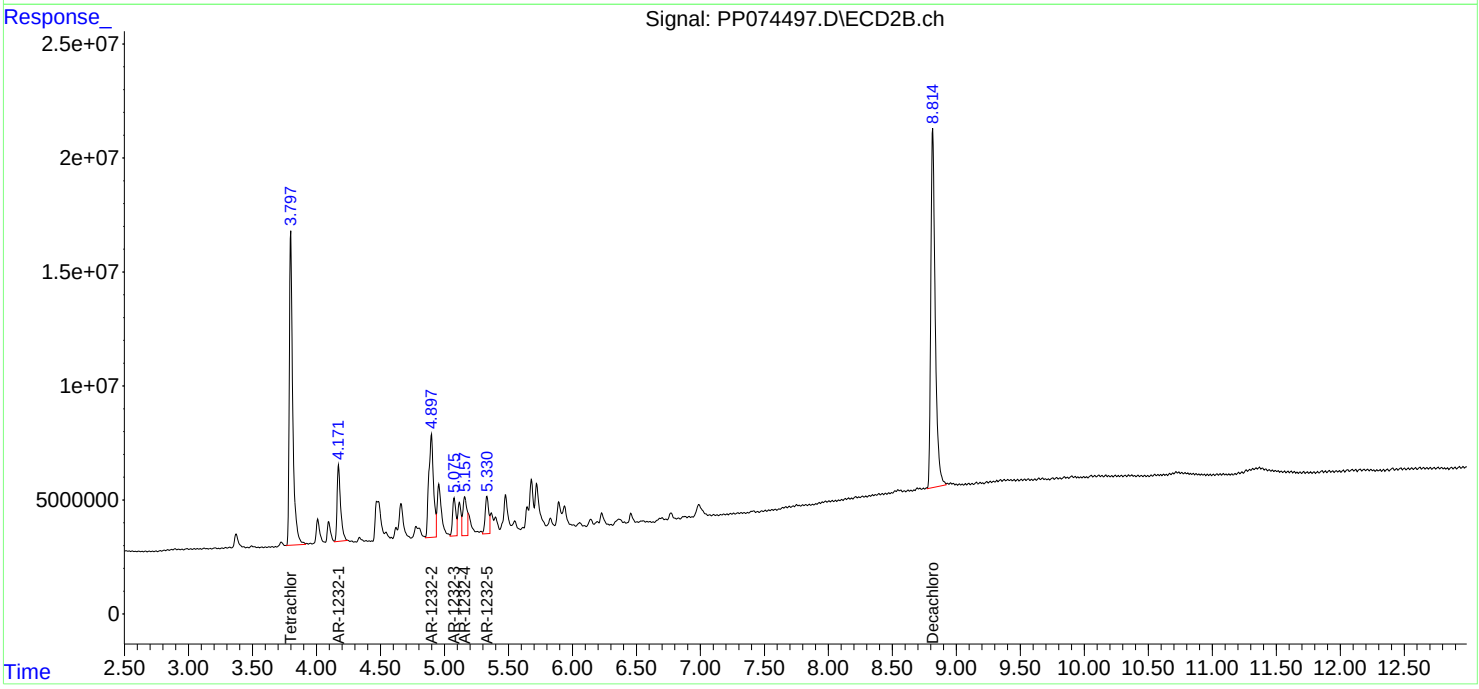
Manual Integrations APPROVED

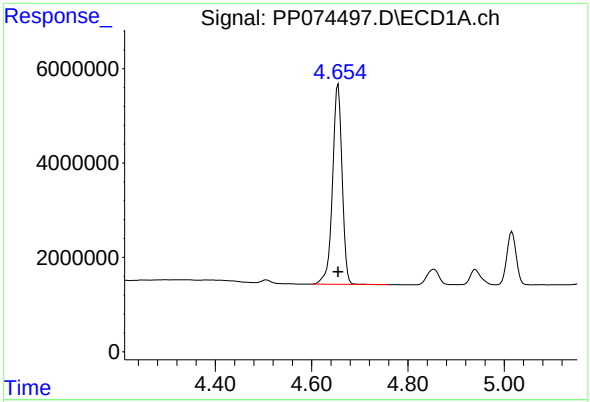
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:13:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:12:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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







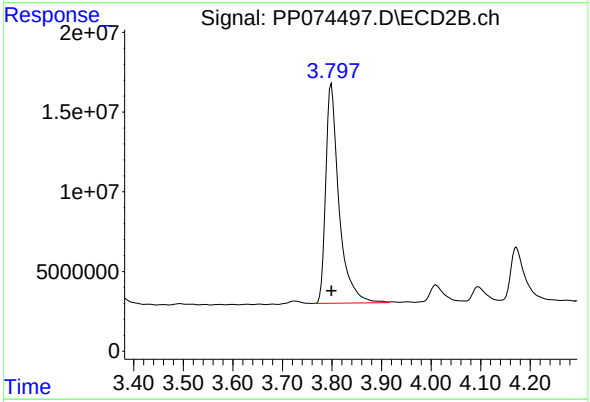
#1 Tetrachloro-m-xylene

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 58746394
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

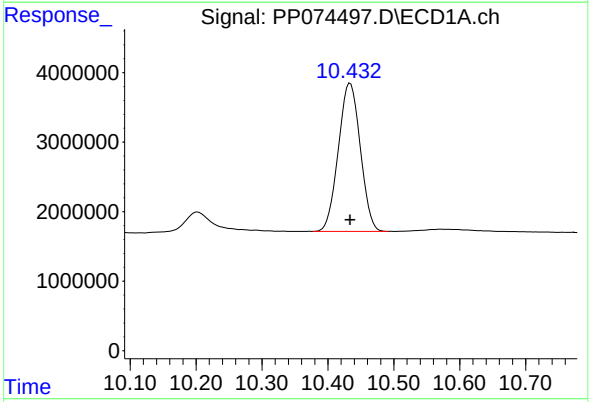
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



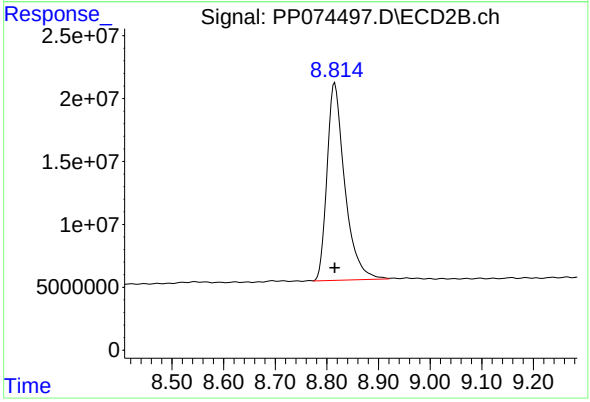
#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 255428387
Conc: 50.00 ng/ml



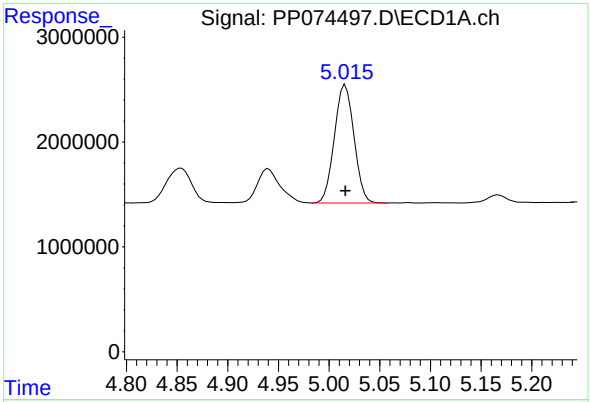
#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: 0.000 min
Response: 49336755
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.815 min
Delta R.T.: 0.000 min
Response: 375424839
Conc: 50.00 ng/ml



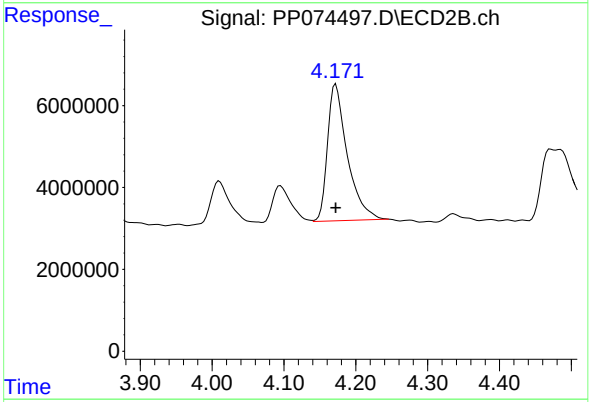
#11 AR-1232-1

R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 15186953
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

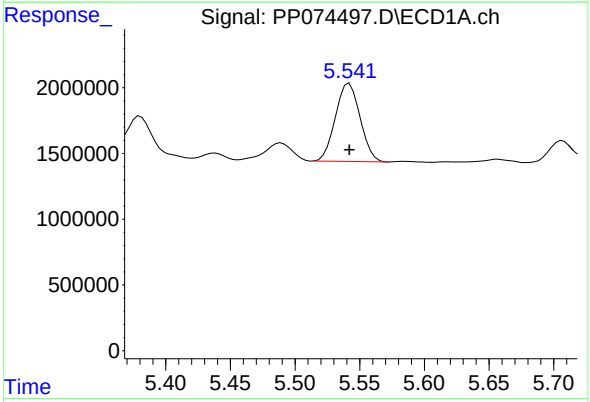
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



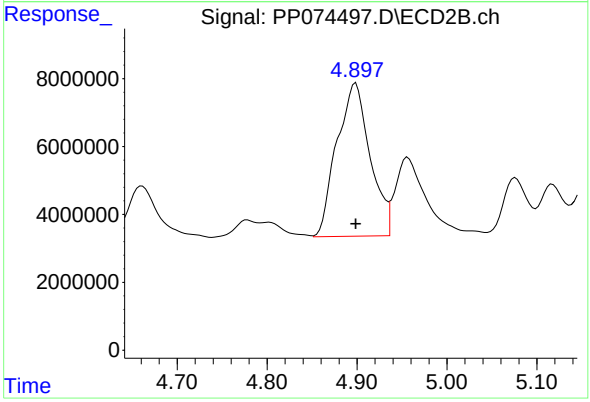
#11 AR-1232-1

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 64047715
Conc: 500.00 ng/ml



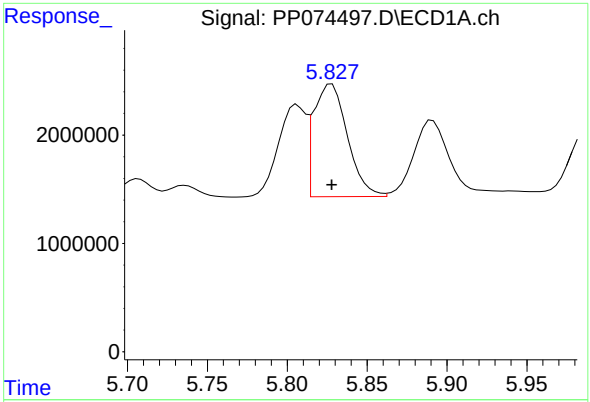
#12 AR-1232-2

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 7879113
Conc: 500.00 ng/ml



#12 AR-1232-2

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 115896682
Conc: 500.00 ng/ml



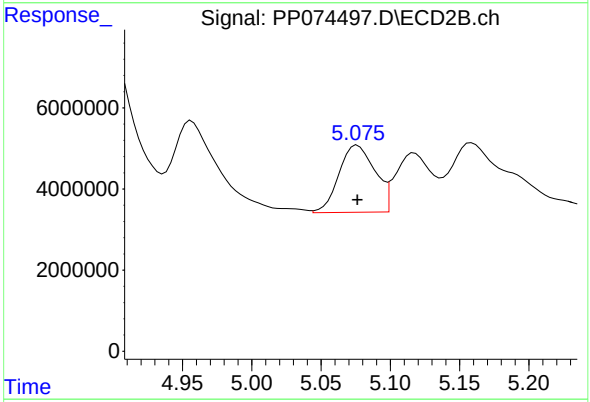
#13 AR-1232-3

R.T.: 5.828 min
Delta R.T.: 0.000 min
Response: 15271847
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

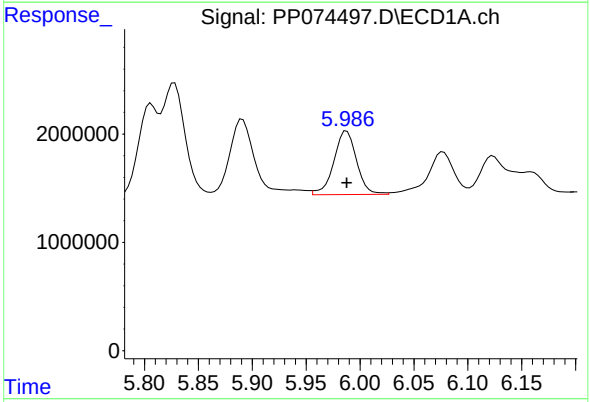
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



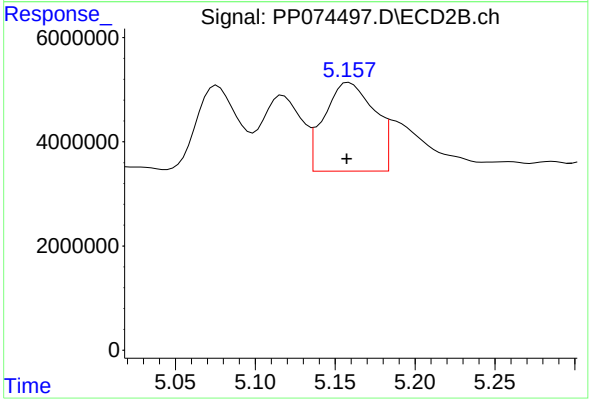
#13 AR-1232-3

R.T.: 5.076 min
Delta R.T.: 0.000 min
Response: 30029881
Conc: 500.00 ng/ml



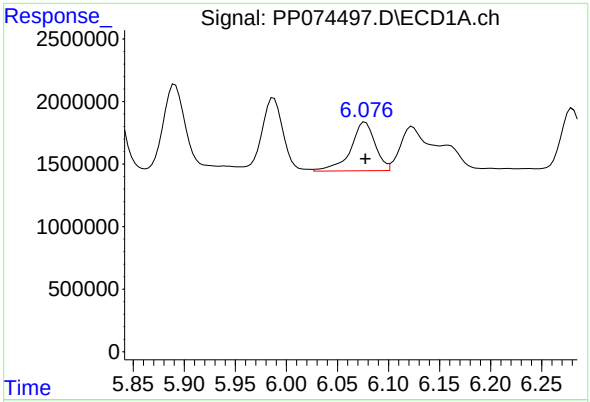
#14 AR-1232-4

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 8634636
Conc: 500.00 ng/ml



#14 AR-1232-4

R.T.: 5.157 min
Delta R.T.: 0.000 min
Response: 36853690
Conc: 505.84 ng/ml m



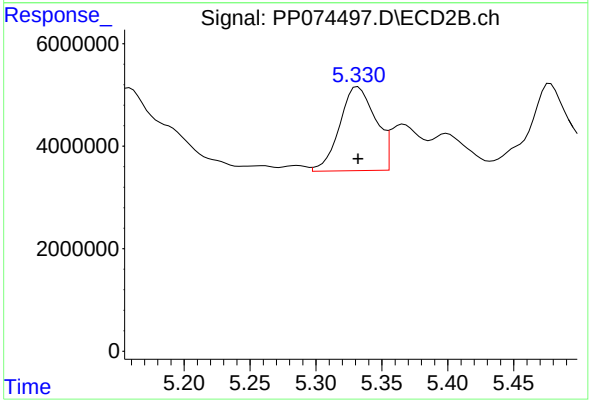
#15 AR-1232-5

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 6490477
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



#15 AR-1232-5

R.T.: 5.332 min
Delta R.T.: 0.000 min
Response: 31041901
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074498.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:55
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:23:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.655	3.799	110.2E6	555.2E6	94.277	102.648
2)	SA Decachlor...	10.434	8.816	94257109	743.9E6	92.733	97.953
	Target Compounds						
16)	L4 AR-1242-1	5.807	4.900	33534775	426.2E6	928.998	984.768
17)	L4 AR-1242-2	5.828	4.957	50582395	203.0E6	932.415	985.806
18)	L4 AR-1242-3	5.892	5.076	33349694	114.7E6	909.705	983.673
19)	L4 AR-1242-4	5.989	5.158	27192200	162.8E6	920.414	981.770m
20)	L4 AR-1242-5	6.718	5.681	29731727	176.2E6	923.938	949.598

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074498.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:55
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

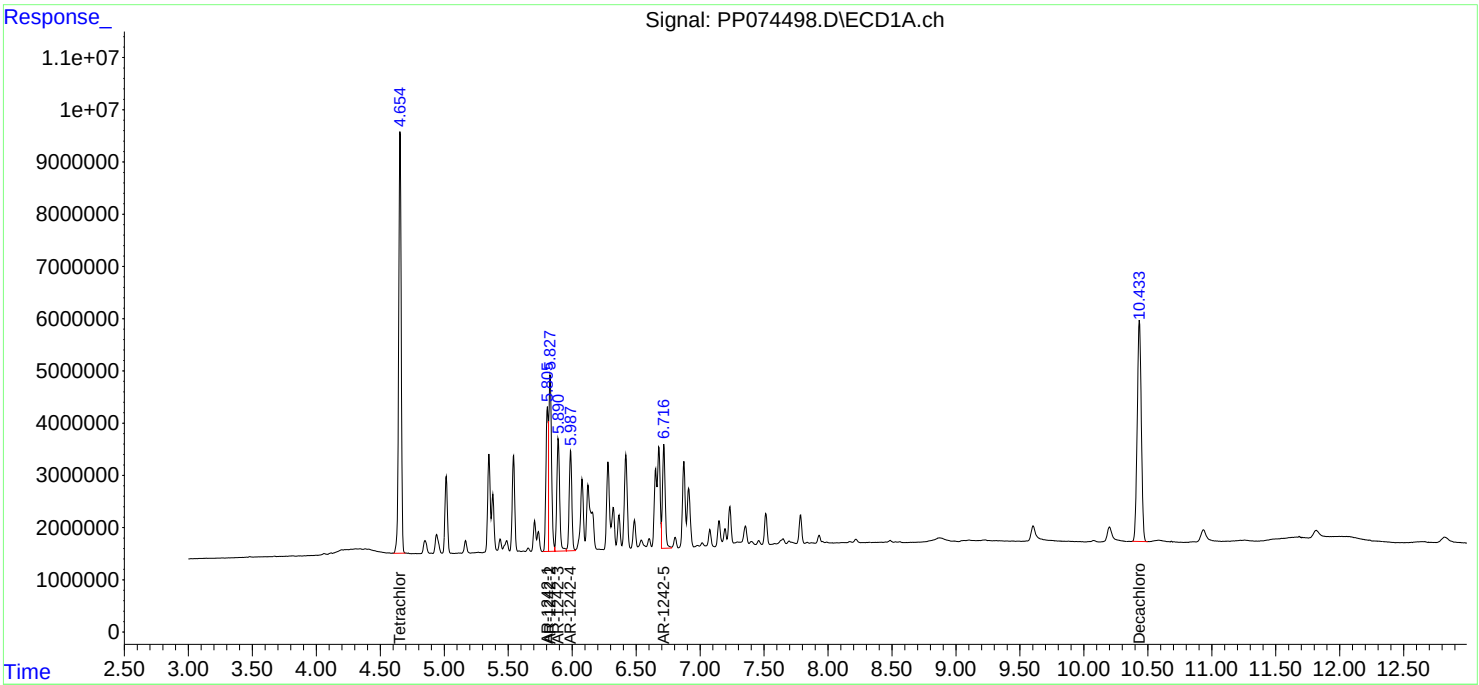
Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

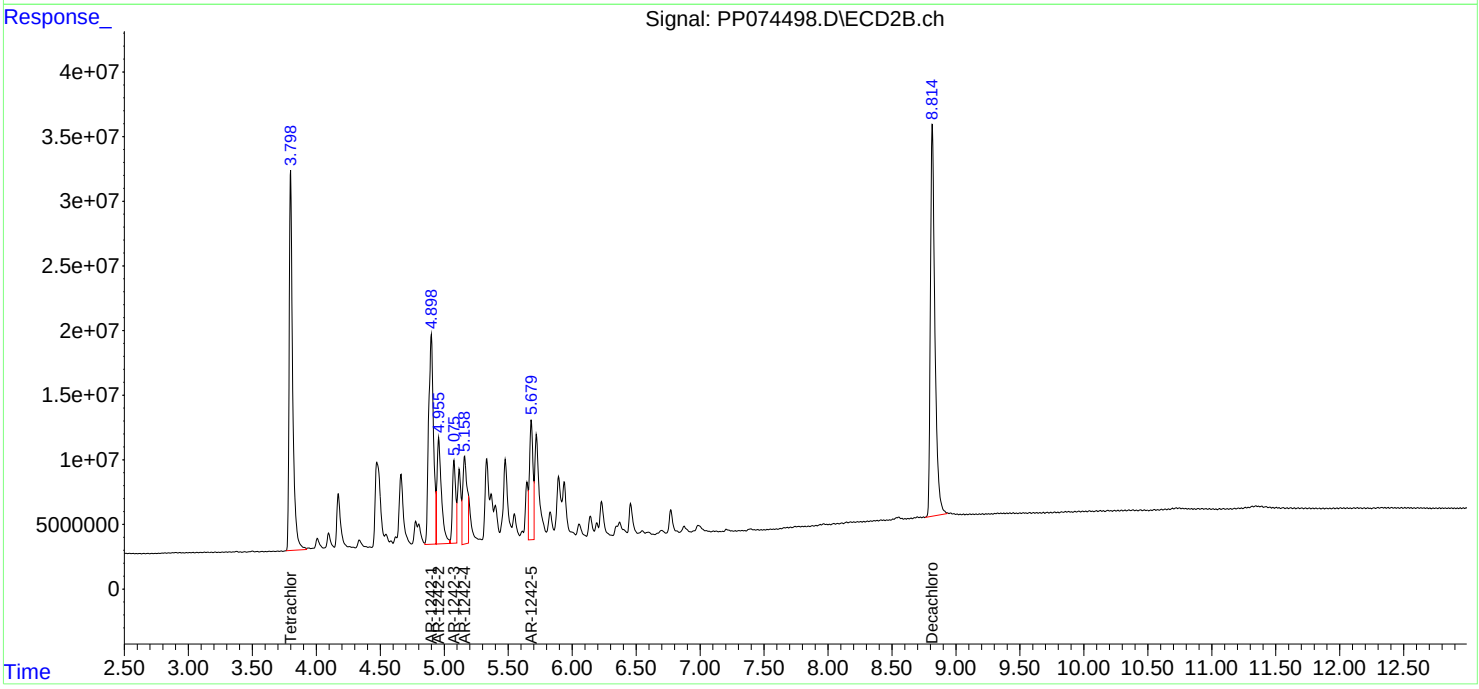
Manual Integrations APPROVED

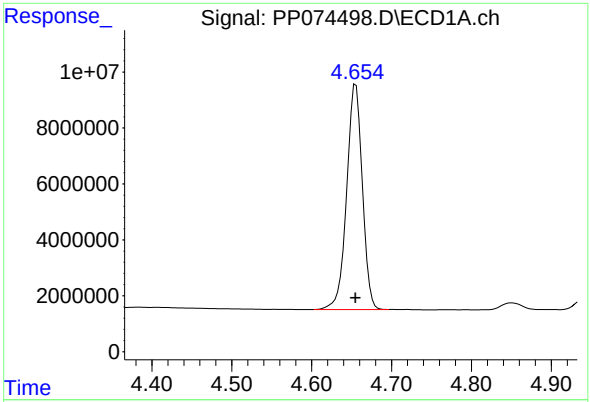
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:23:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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







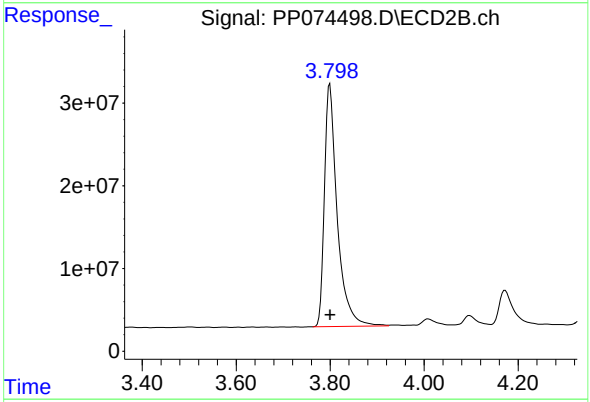
#1 Tetrachloro-m-xylene

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 110162396
Conc: 94.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

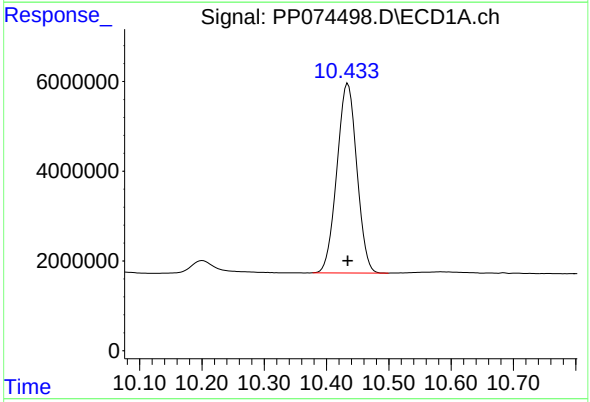
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



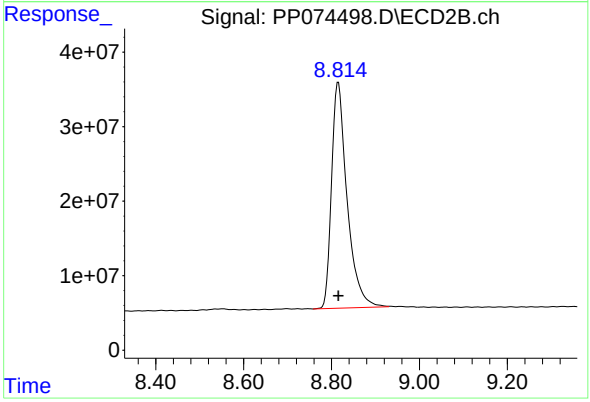
#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 555225547
Conc: 102.65 ng/ml



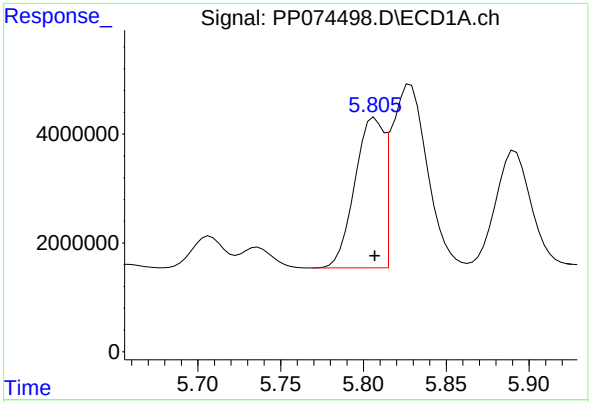
#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: 0.000 min
Response: 94257109
Conc: 92.73 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.816 min
Delta R.T.: 0.000 min
Response: 743948581
Conc: 97.95 ng/ml



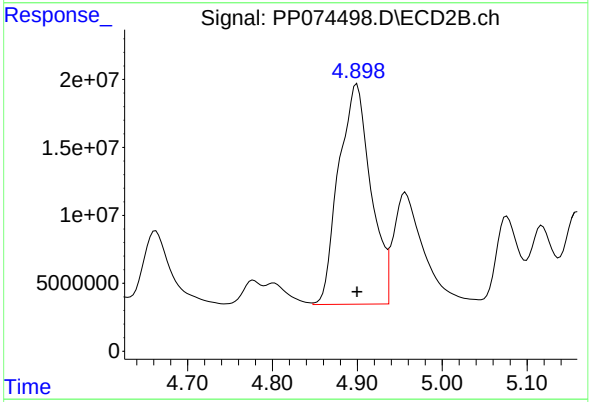
#16 AR-1242-1

R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 33534775
Conc: 929.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

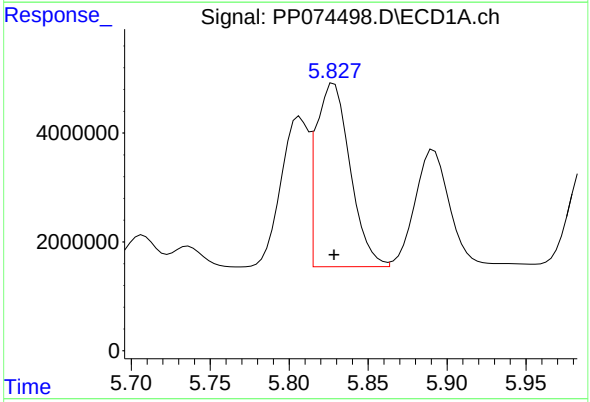
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



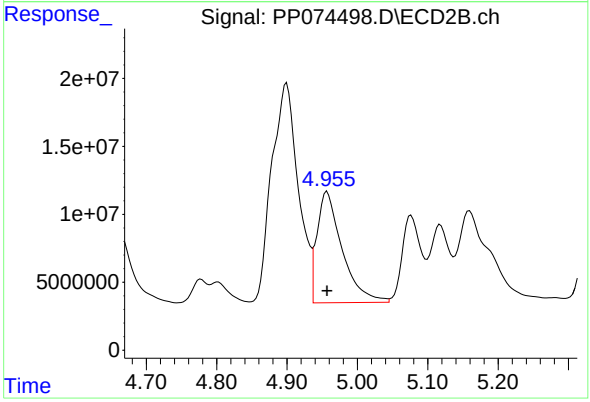
#16 AR-1242-1

R.T.: 4.900 min
Delta R.T.: 0.000 min
Response: 426248141
Conc: 984.77 ng/ml



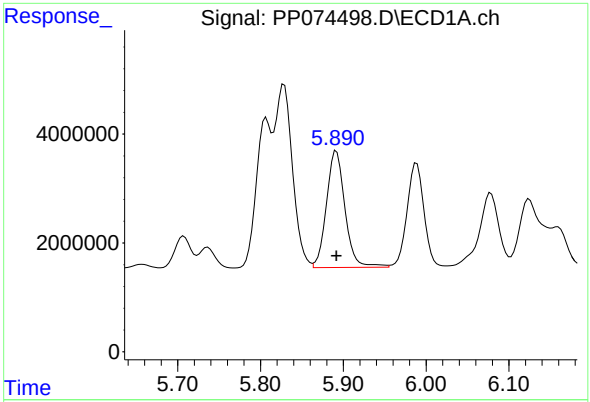
#17 AR-1242-2

R.T.: 5.828 min
Delta R.T.: 0.000 min
Response: 50582395
Conc: 932.41 ng/ml



#17 AR-1242-2

R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 202991737
Conc: 985.81 ng/ml



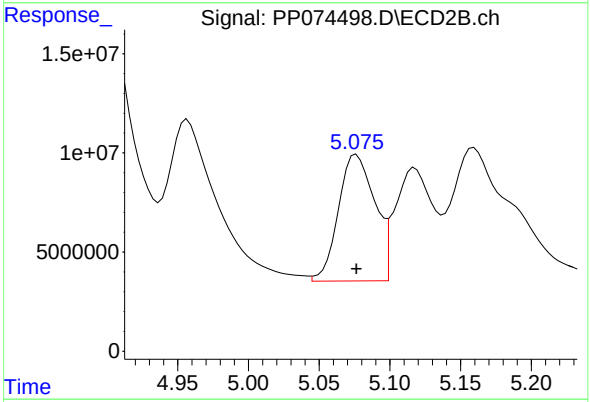
#18 AR-1242-3

R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 33349694
Conc: 909.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

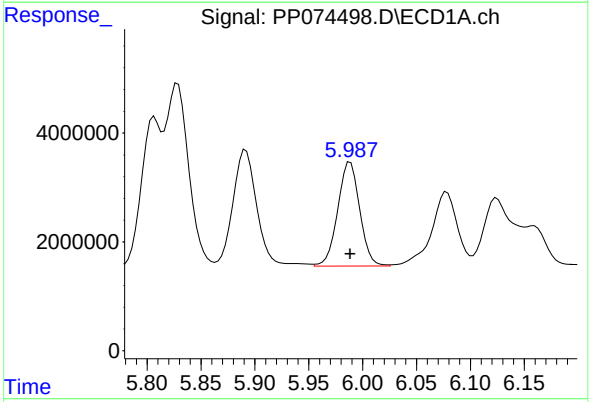
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



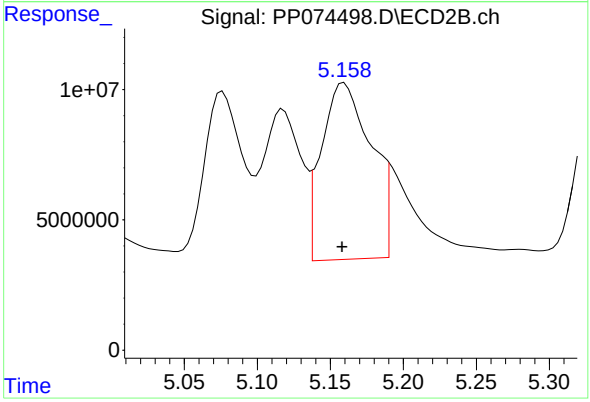
#18 AR-1242-3

R.T.: 5.076 min
Delta R.T.: 0.000 min
Response: 114667914
Conc: 983.67 ng/ml



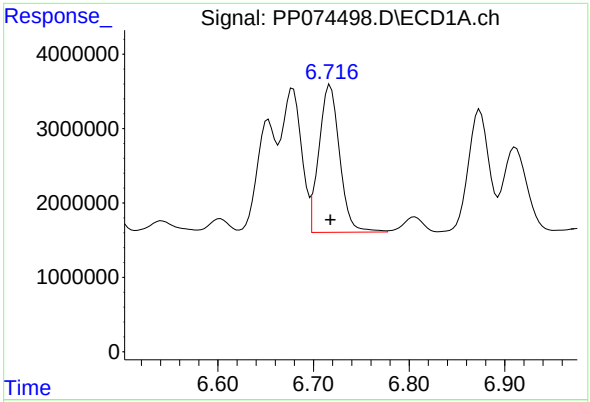
#19 AR-1242-4

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 27192200
Conc: 920.41 ng/ml



#19 AR-1242-4

R.T.: 5.158 min
Delta R.T.: 0.000 min
Response: 162797331
Conc: 981.77 ng/ml m



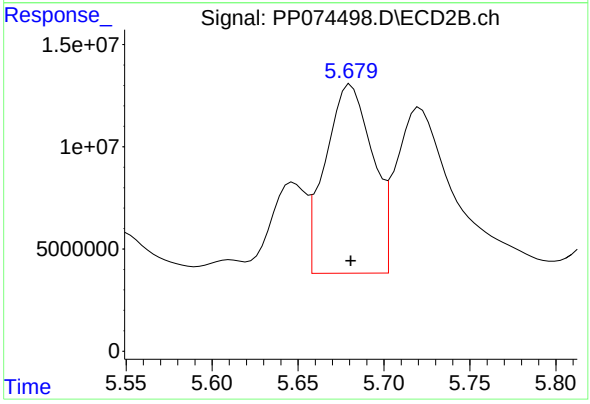
#20 AR-1242-5

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 29731727
Conc: 923.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



#20 AR-1242-5

R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 176244820
Conc: 949.60 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074499.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 12:12
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:26:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.658	3.802	86349070	412.2E6	74.262	75.797
2)	SA Decachlor...	10.437	8.817	74892062	573.5E6	74.115	75.344
	Target Compounds						
16)	L4 AR-1242-1	5.809	4.901	26397194	324.0E6	737.408	749.001
17)	L4 AR-1242-2	5.831	4.960	39340318	155.5E6	733.271	753.574
18)	L4 AR-1242-3	5.894	5.078	26560976	89250623	732.822	760.349
19)	L4 AR-1242-4	5.991	5.162	21474232	119.5E6	734.419	741.577m
20)	L4 AR-1242-5	6.720	5.682	23050385	144.9E6	727.198	770.068

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074499.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 12:12
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

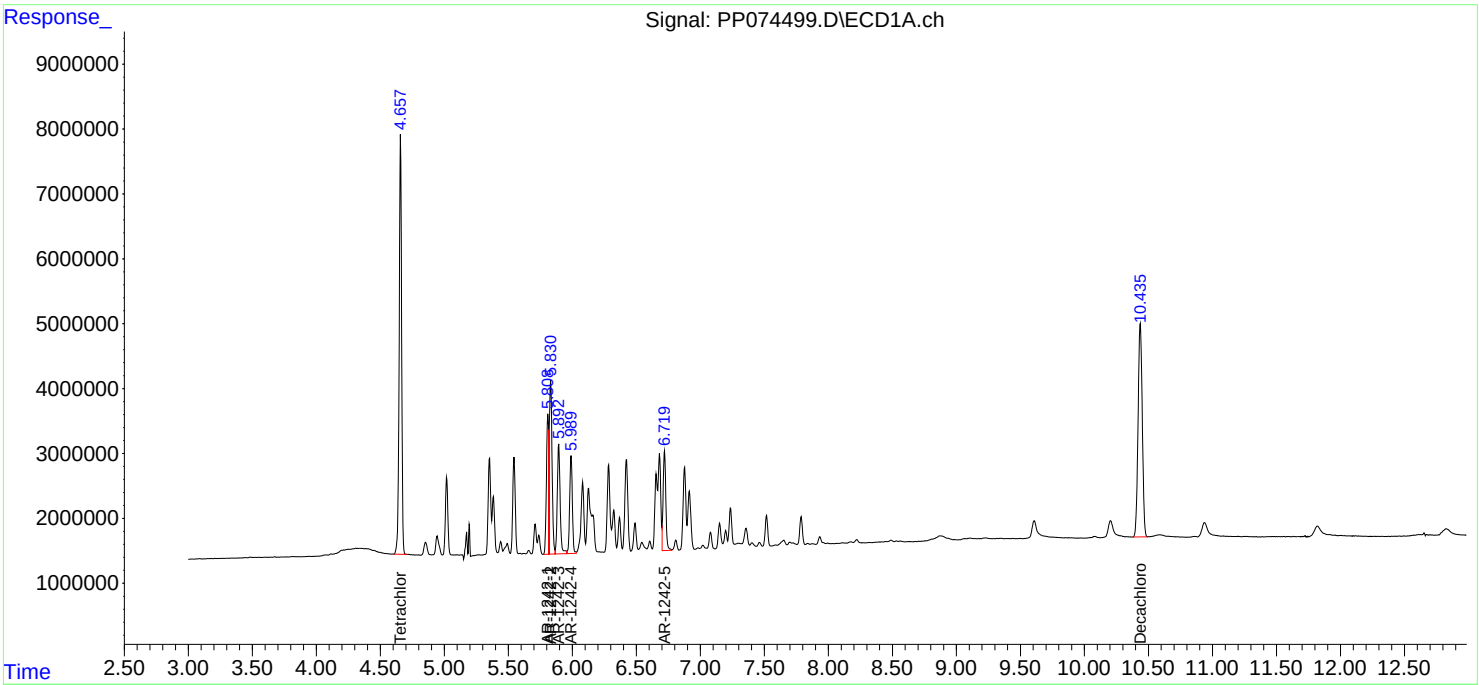
Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

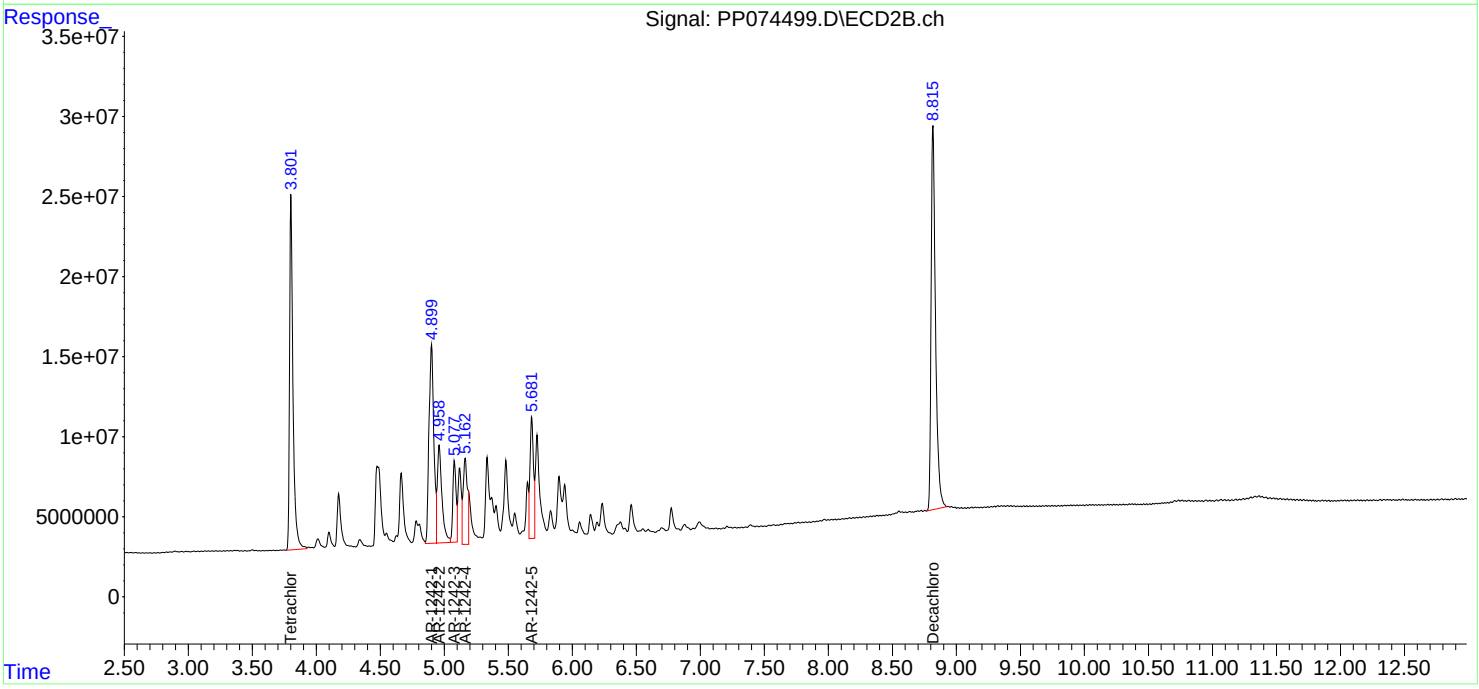
Manual Integrations APPROVED

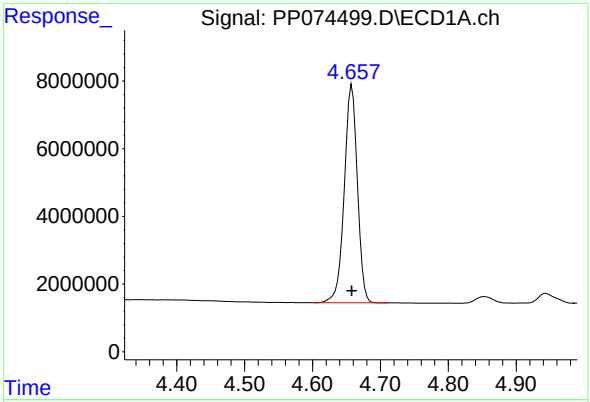
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:26:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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







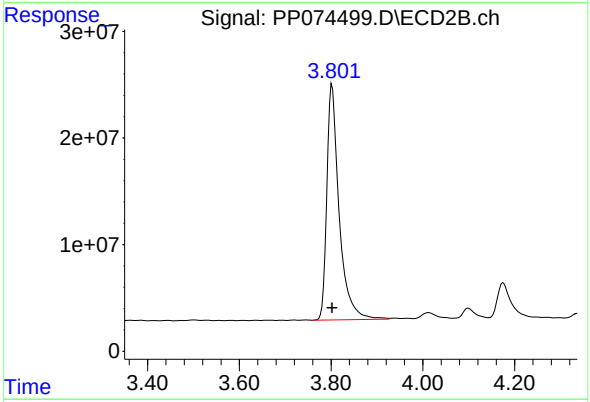
#1 Tetrachloro-m-xylene

R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 86349070
Conc: 74.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

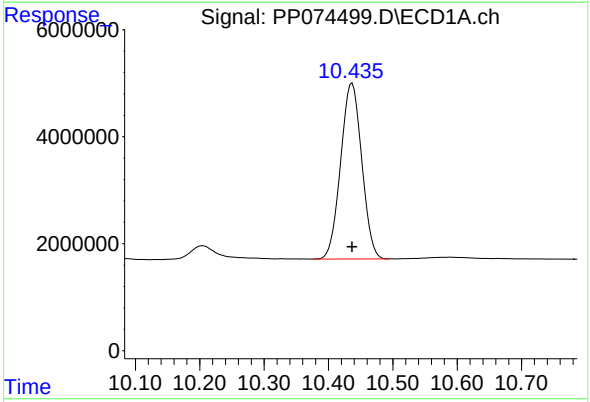
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



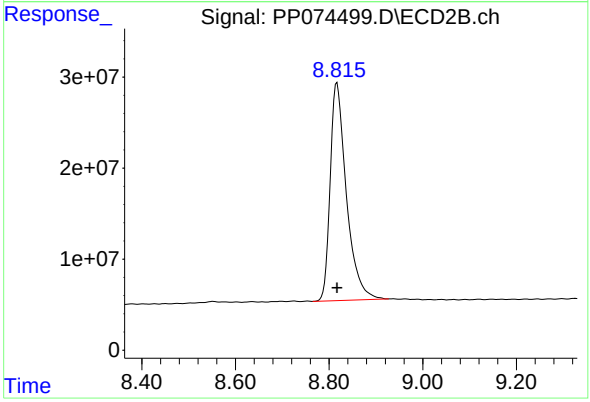
#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: 0.000 min
Response: 412174509
Conc: 75.80 ng/ml



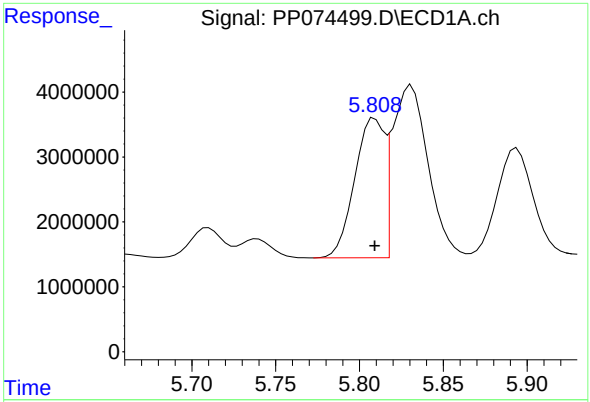
#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 74892062
Conc: 74.12 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.817 min
Delta R.T.: 0.000 min
Response: 573549063
Conc: 75.34 ng/ml



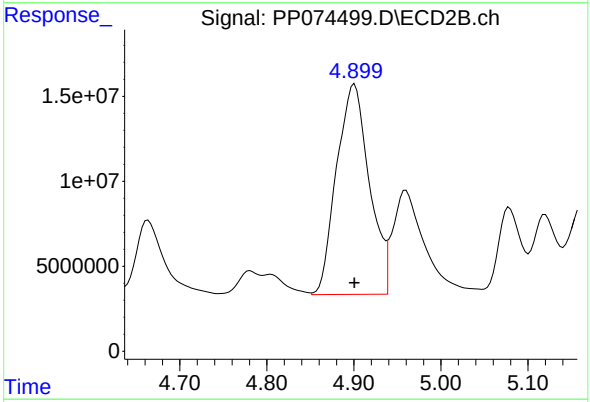
#16 AR-1242-1

R.T.: 5.809 min
Delta R.T.: 0.000 min
Response: 26397194
Conc: 737.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

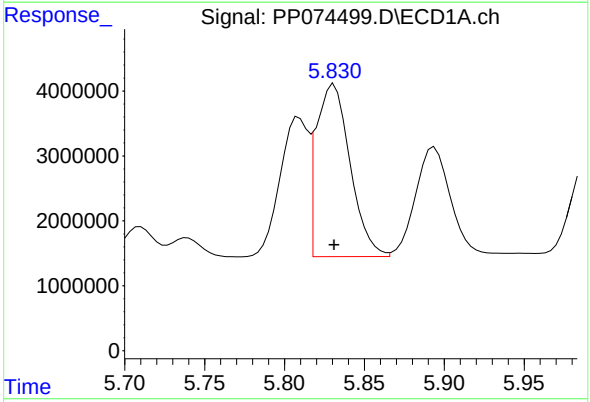
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



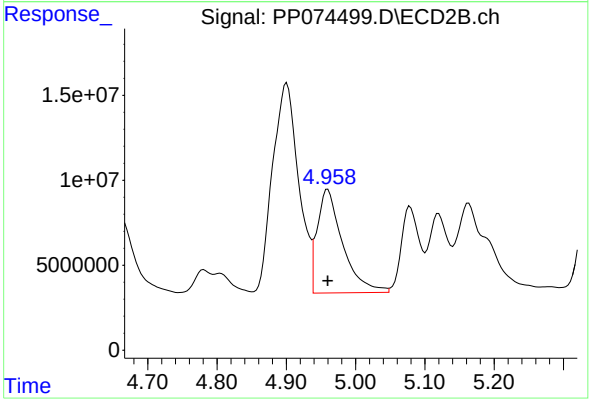
#16 AR-1242-1

R.T.: 4.901 min
Delta R.T.: 0.000 min
Response: 323982884
Conc: 749.00 ng/ml



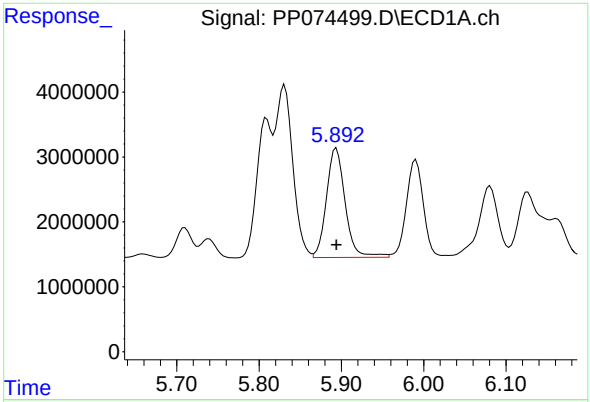
#17 AR-1242-2

R.T.: 5.831 min
Delta R.T.: 0.000 min
Response: 39340318
Conc: 733.27 ng/ml



#17 AR-1242-2

R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 155542353
Conc: 753.57 ng/ml



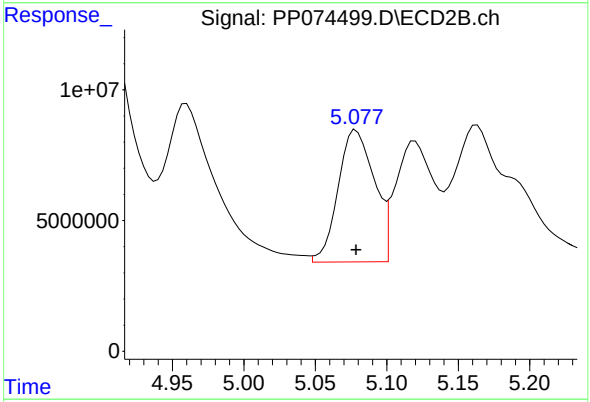
#18 AR-1242-3

R.T.: 5.894 min
Delta R.T.: 0.000 min
Response: 26560976
Conc: 732.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

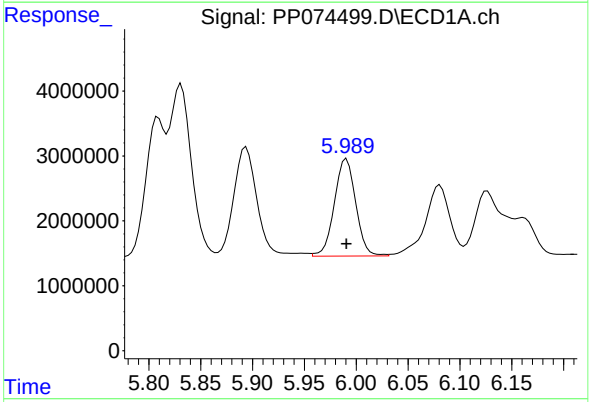
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



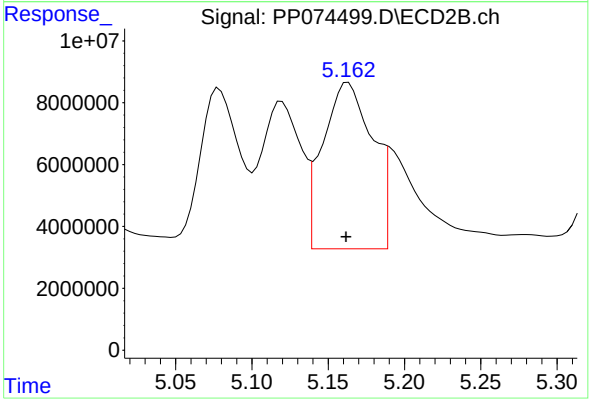
#18 AR-1242-3

R.T.: 5.078 min
Delta R.T.: 0.000 min
Response: 89250623
Conc: 760.35 ng/ml



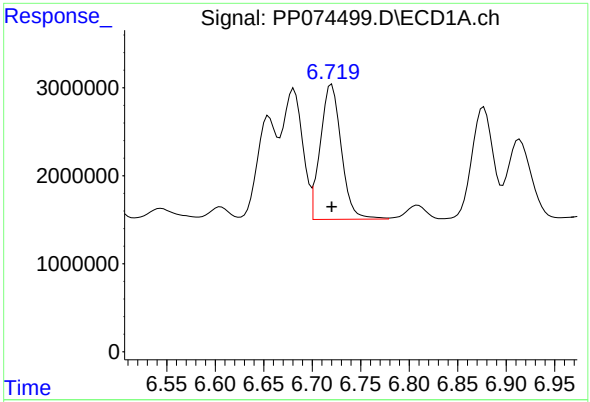
#19 AR-1242-4

R.T.: 5.991 min
Delta R.T.: 0.000 min
Response: 21474232
Conc: 734.42 ng/ml



#19 AR-1242-4

R.T.: 5.162 min
Delta R.T.: 0.000 min
Response: 119546957
Conc: 741.58 ng/ml m



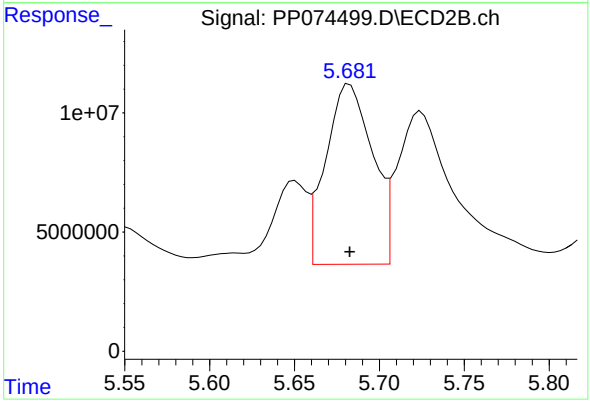
#20 AR-1242-5

R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 23050385
Conc: 727.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



#20 AR-1242-5

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 144862190
Conc: 770.07 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074500.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 12:28
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:20:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.655	3.799	61768053	263.3E6	50.000	50.000
2)	SA Decachlor...	10.434	8.814	54515432	387.5E6	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	5.807	4.898	19330395	219.7E6	500.000	500.000
17)	L4 AR-1242-2	5.828	4.957	28957608	104.4E6	500.000	500.000
18)	L4 AR-1242-3	5.891	5.076	19985033	59237210	500.000	500.000
19)	L4 AR-1242-4	5.988	5.159	15947348	84962372	500.000	493.889m
20)	L4 AR-1242-5	6.717	5.679	17313490	97476940	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\PP081925\
Data File : PP074500.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 12:28
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

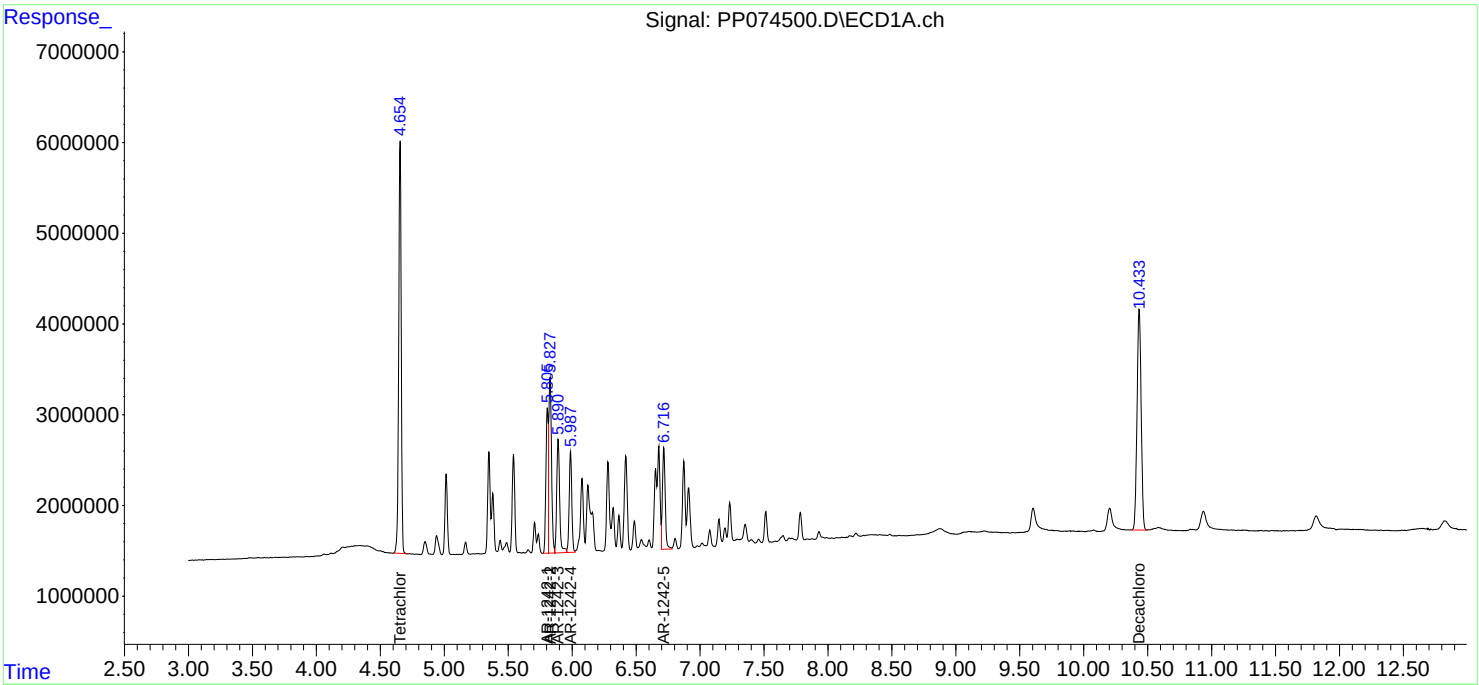
Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

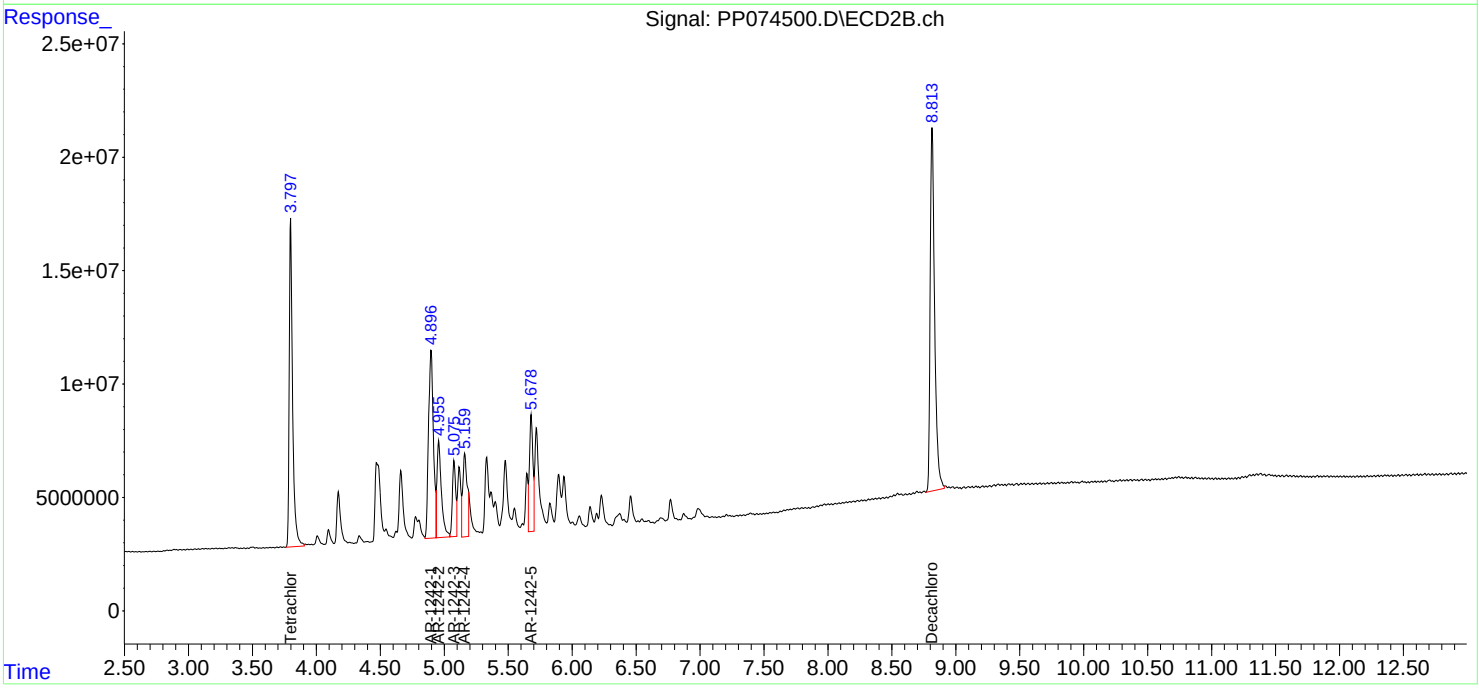
Manual Integrations APPROVED

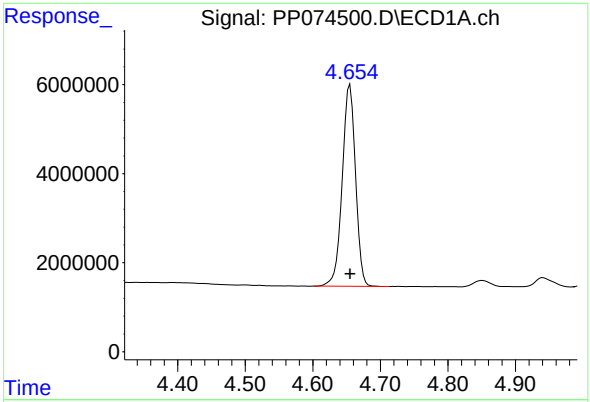
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:20:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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







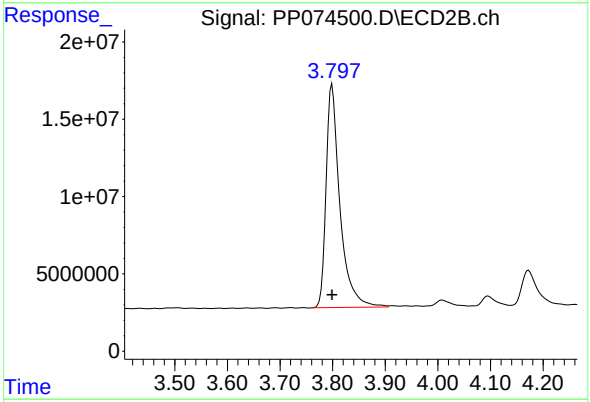
#1 Tetrachloro-m-xylene

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 61768053
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

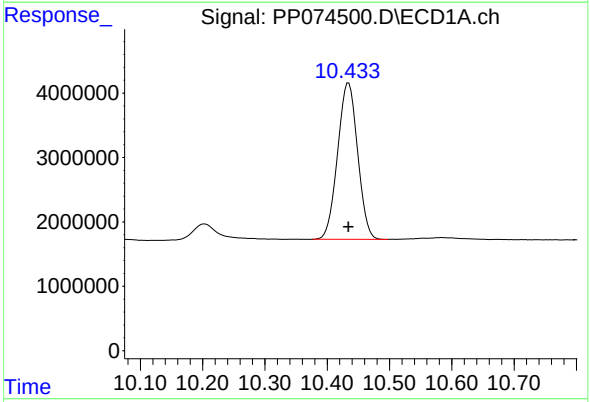
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



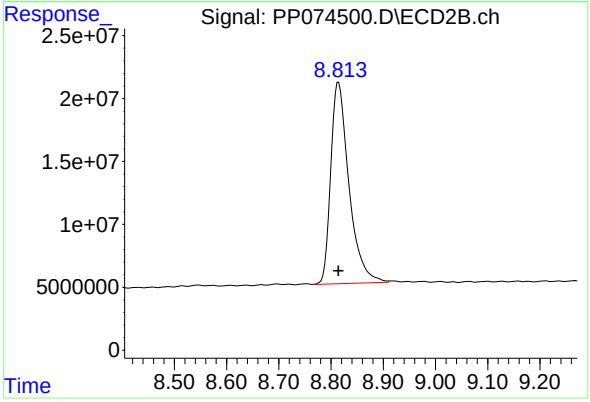
#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 263289751
Conc: 50.00 ng/ml



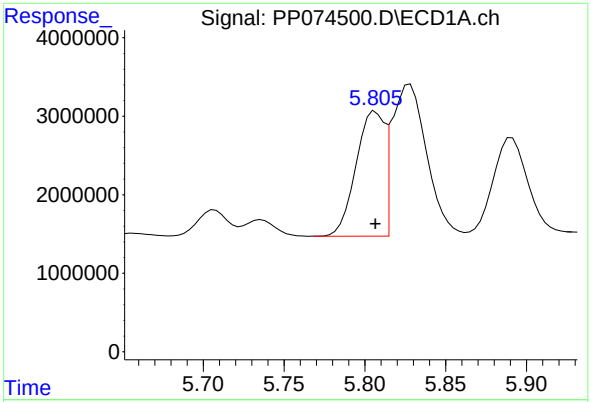
#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: 0.000 min
Response: 54515432
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.814 min
Delta R.T.: 0.000 min
Response: 387519048
Conc: 50.00 ng/ml



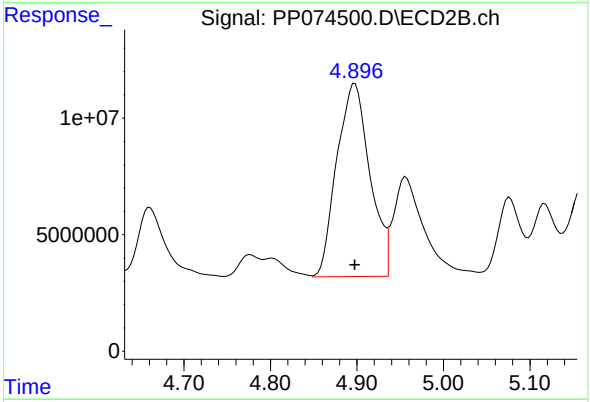
#16 AR-1242-1

R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 19330395
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

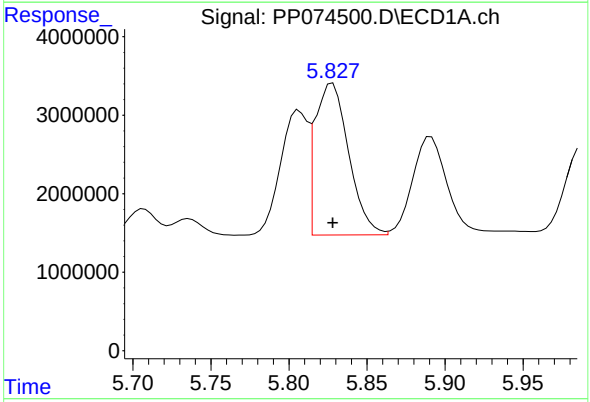
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



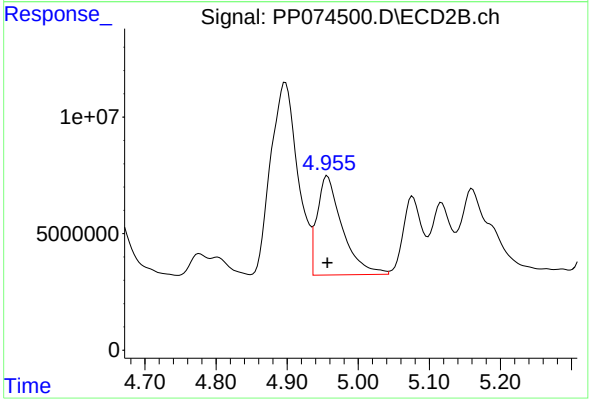
#16 AR-1242-1

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 219717044
Conc: 500.00 ng/ml



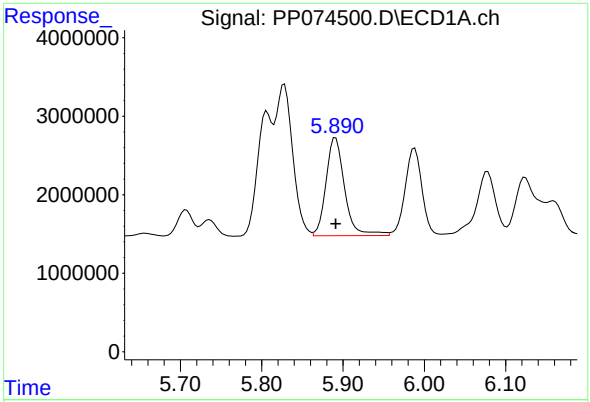
#17 AR-1242-2

R.T.: 5.828 min
Delta R.T.: 0.000 min
Response: 28957608
Conc: 500.00 ng/ml



#17 AR-1242-2

R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 104418566
Conc: 500.00 ng/ml



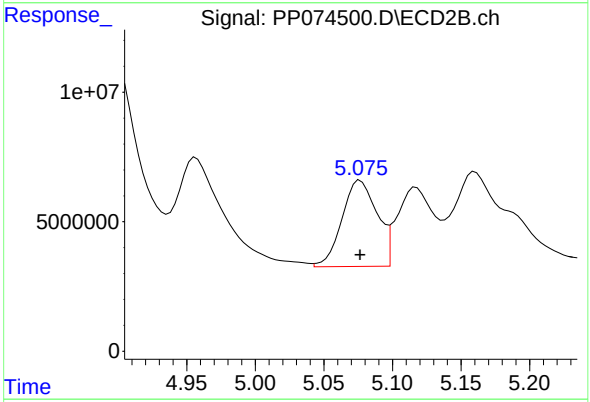
#18 AR-1242-3

R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 19985033
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

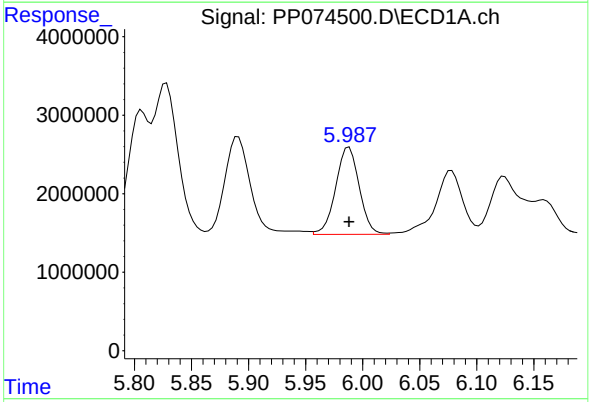
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



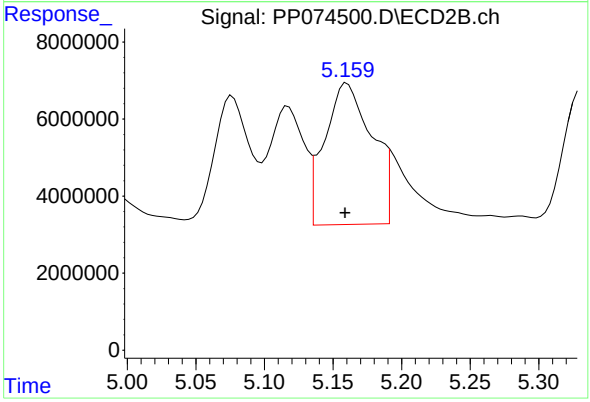
#18 AR-1242-3

R.T.: 5.076 min
Delta R.T.: 0.000 min
Response: 59237210
Conc: 500.00 ng/ml



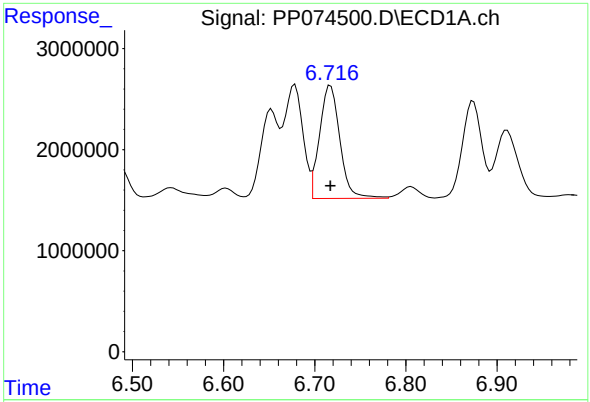
#19 AR-1242-4

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 15947348
Conc: 500.00 ng/ml



#19 AR-1242-4

R.T.: 5.159 min
Delta R.T.: 0.000 min
Response: 84962372
Conc: 493.89 ng/ml m



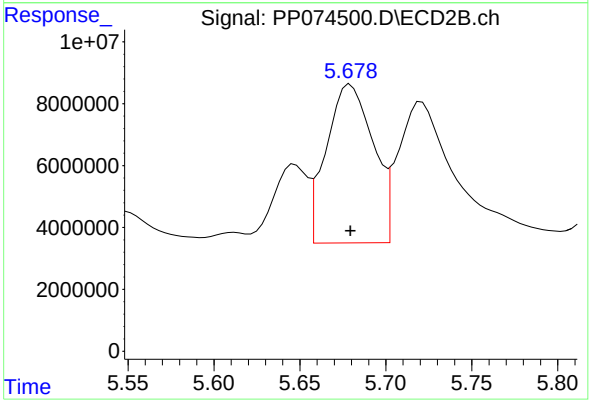
#20 AR-1242-5

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 17313490
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



#20 AR-1242-5

R.T.: 5.679 min
Delta R.T.: 0.000 min
Response: 97476940
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074501.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 12:44
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:29:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.658	3.802	31800678	118.0E6	26.721	22.435
2)	SA Decachlor...	10.437	8.817	28324807	184.7E6	27.206	24.441
	Target Compounds						
16)	L4 AR-1242-1	5.810	4.901	10310435	106.8E6	277.473	247.620
17)	L4 AR-1242-2	5.831	4.959	15526062	51090902	278.425	248.140
18)	L4 AR-1242-3	5.894	5.079	10970993	31438734	287.541	263.142
19)	L4 AR-1242-4	5.991	5.161	8954111	42481198	289.928	257.799m
20)	L4 AR-1242-5	6.720	5.682	9712723	49681879	290.054	260.430

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074501.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 12:44
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

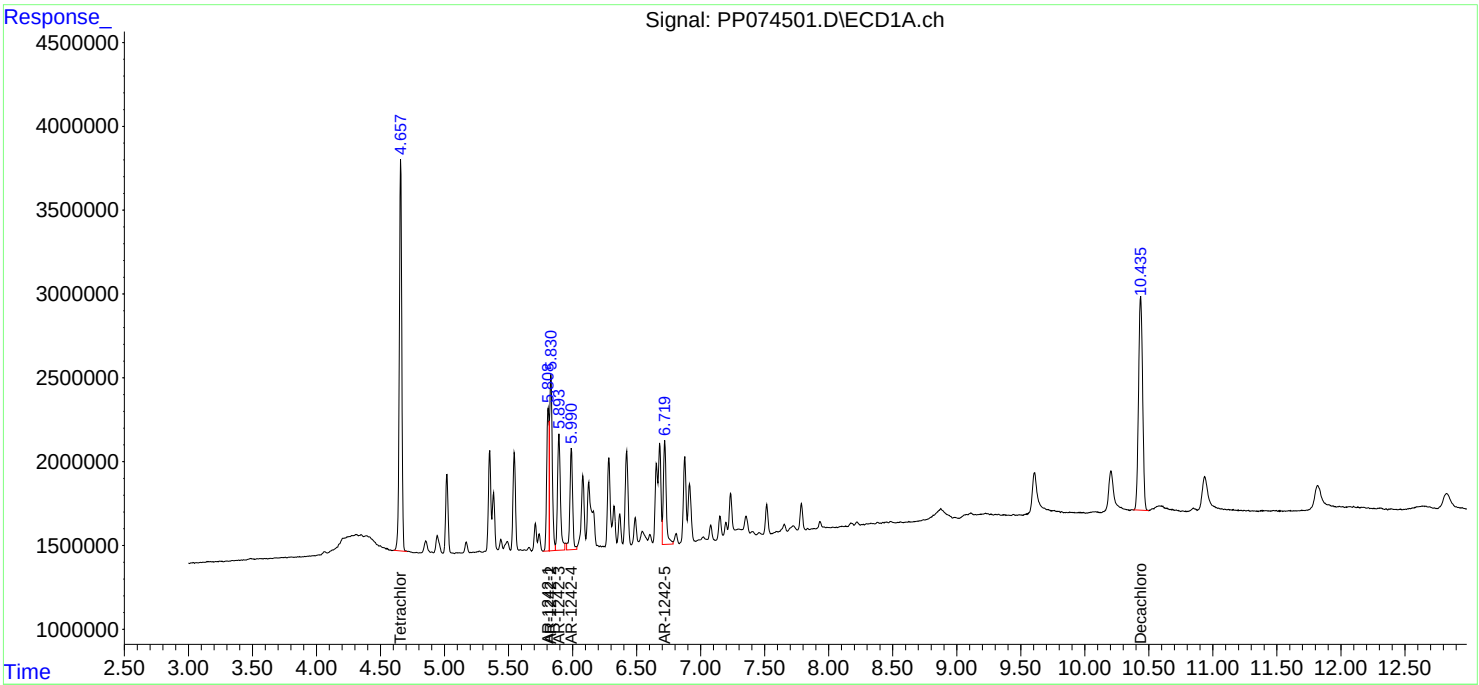
Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

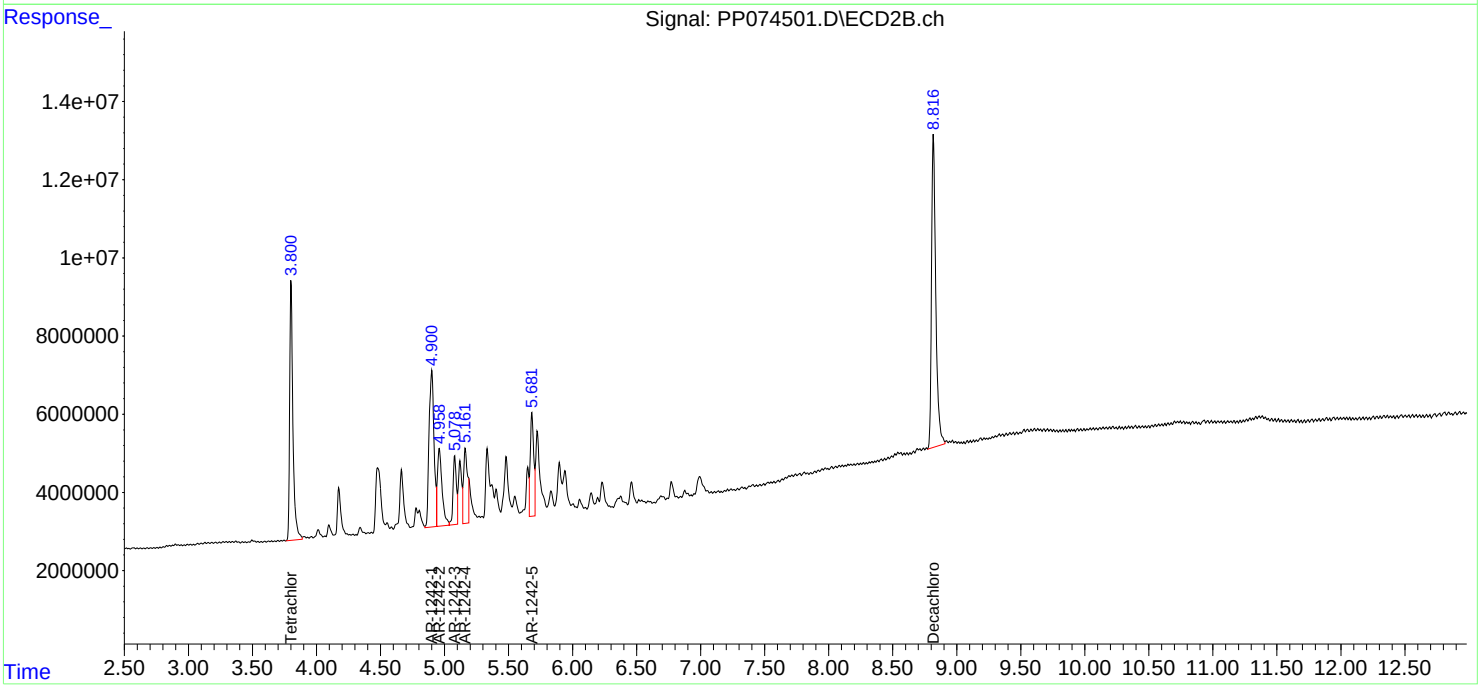
Manual Integrations APPROVED

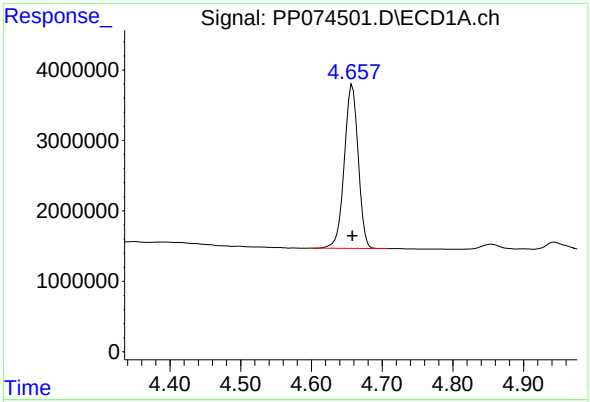
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:29:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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







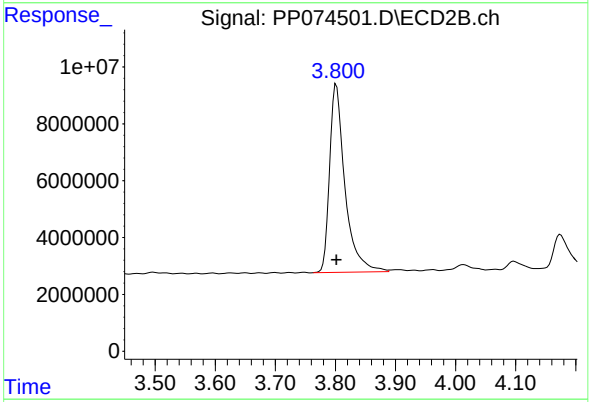
#1 Tetrachloro-m-xylene

R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 31800678
Conc: 26.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

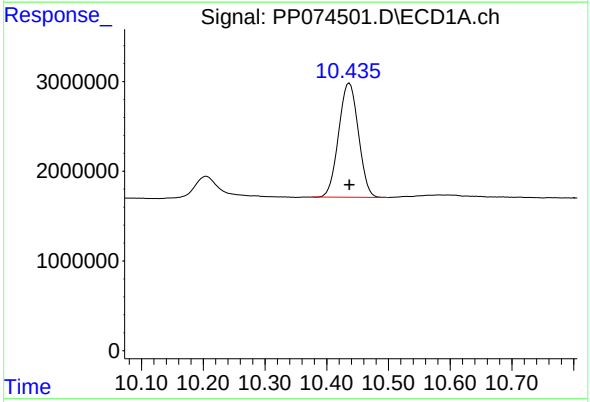
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



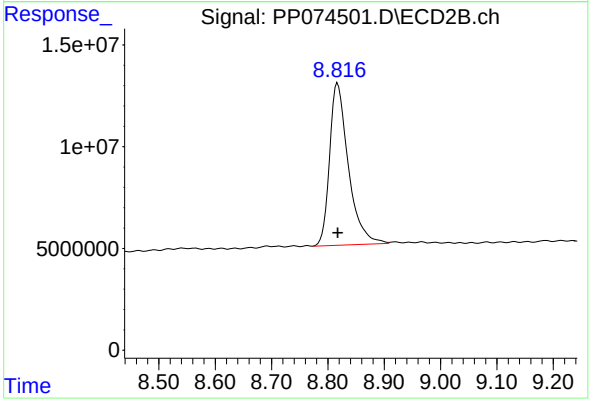
#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: 0.000 min
Response: 117966079
Conc: 22.44 ng/ml



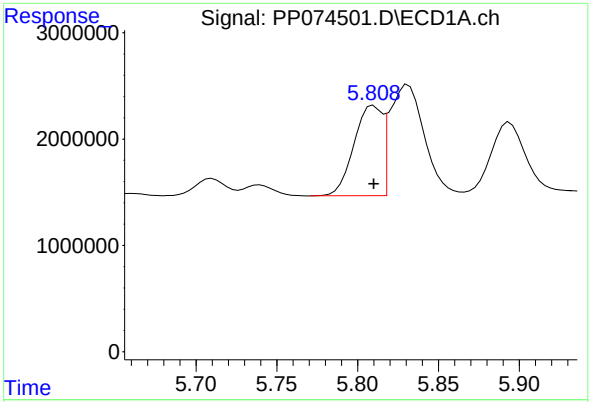
#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 28324807
Conc: 27.21 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.817 min
Delta R.T.: 0.000 min
Response: 184678720
Conc: 24.44 ng/ml



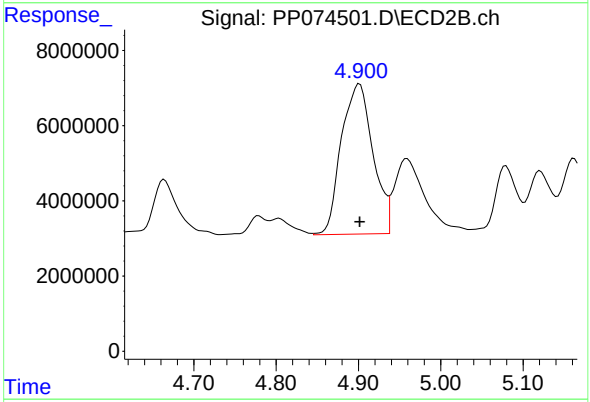
#16 AR-1242-1

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 10310435
Conc: 277.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

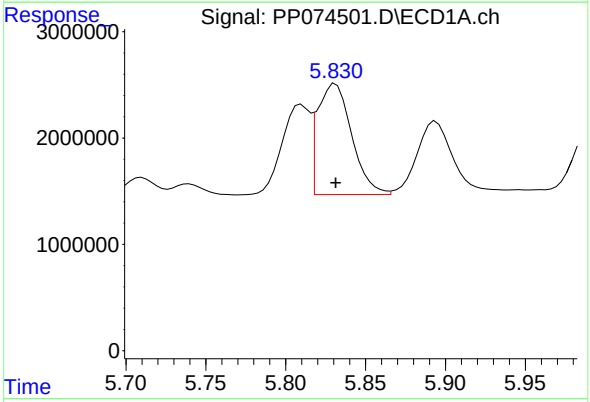
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



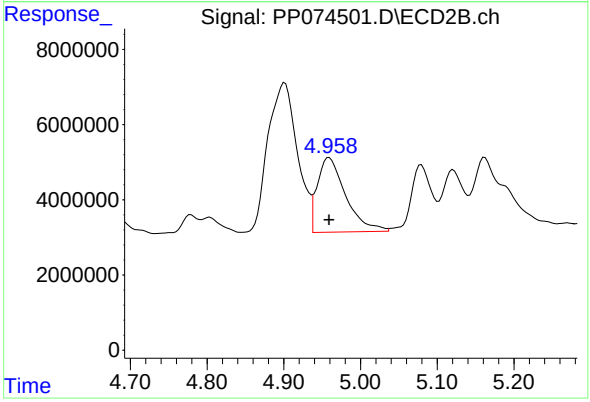
#16 AR-1242-1

R.T.: 4.901 min
Delta R.T.: 0.000 min
Response: 106769716
Conc: 247.62 ng/ml



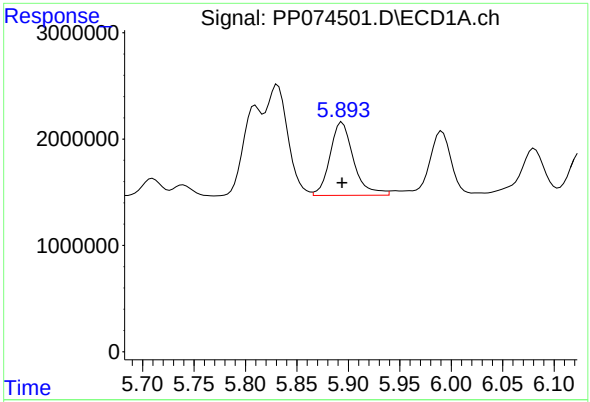
#17 AR-1242-2

R.T.: 5.831 min
Delta R.T.: 0.000 min
Response: 15526062
Conc: 278.42 ng/ml



#17 AR-1242-2

R.T.: 4.959 min
Delta R.T.: 0.000 min
Response: 51090902
Conc: 248.14 ng/ml



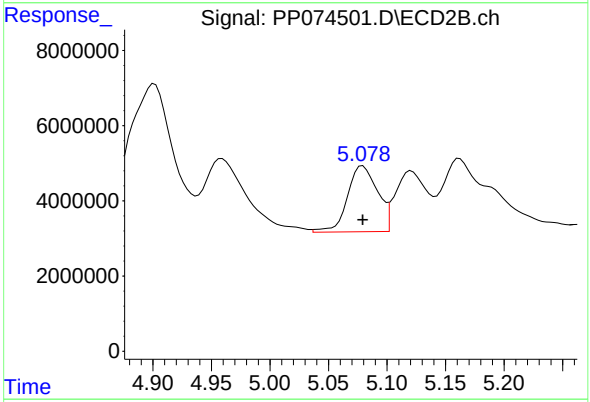
#18 AR-1242-3

R.T.: 5.894 min
Delta R.T.: 0.000 min
Response: 10970993
Conc: 287.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

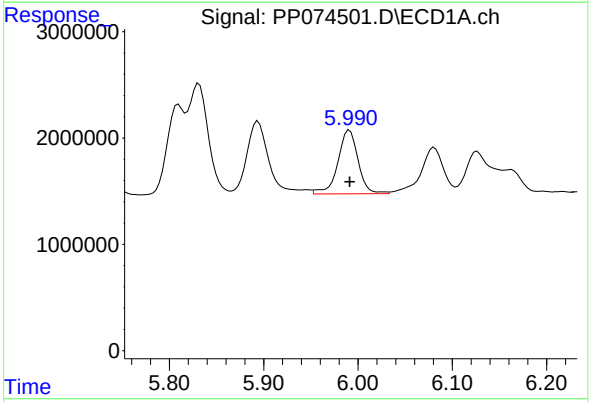
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



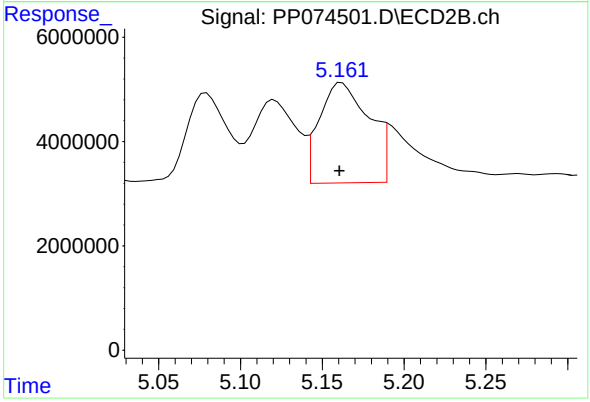
#18 AR-1242-3

R.T.: 5.079 min
Delta R.T.: 0.000 min
Response: 31438734
Conc: 263.14 ng/ml



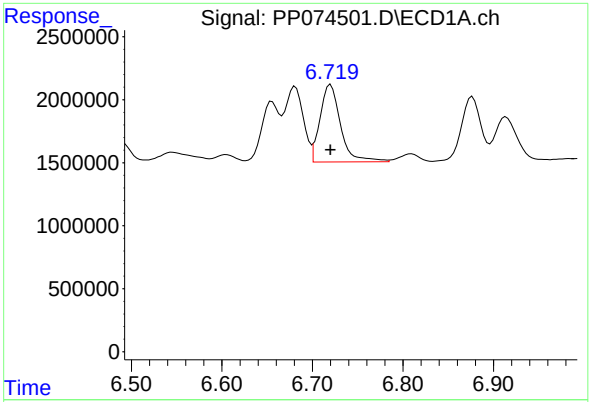
#19 AR-1242-4

R.T.: 5.991 min
Delta R.T.: 0.000 min
Response: 8954111
Conc: 289.93 ng/ml



#19 AR-1242-4

R.T.: 5.161 min
Delta R.T.: 0.000 min
Response: 42481198
Conc: 257.80 ng/ml m



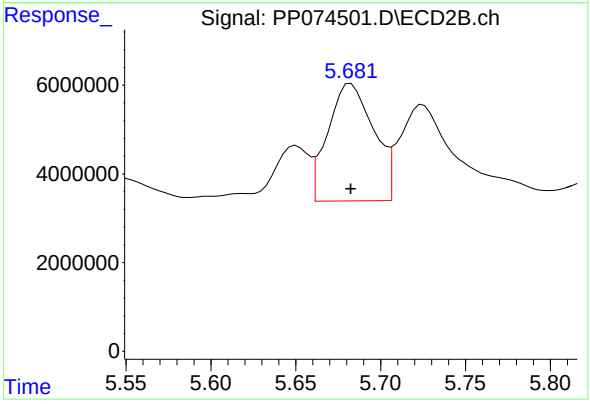
#20 AR-1242-5

R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 9712723
Conc: 290.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



#20 AR-1242-5

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 49681879
Conc: 260.43 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074502.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:00
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:33:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.656	3.798	6391941	16722681	5.292	3.430 #
2)	SA Decachlor...	10.435	8.815	5418588	33484970	5.162	4.535
	Target Compounds						
16)	L4 AR-1242-1	5.806	4.899	2137122	19201283	56.071m	45.527
17)	L4 AR-1242-2	5.828	4.955	2967713	8891532	52.817m	44.395
18)	L4 AR-1242-3	5.891	5.077	2519809	5679652	61.812m	48.011
19)	L4 AR-1242-4	5.987	5.156	1758680	9687724	54.251m	58.359m
20)	L4 AR-1242-5	6.717	5.680	2320479	8137241	65.686m	43.946 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074502.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:00
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

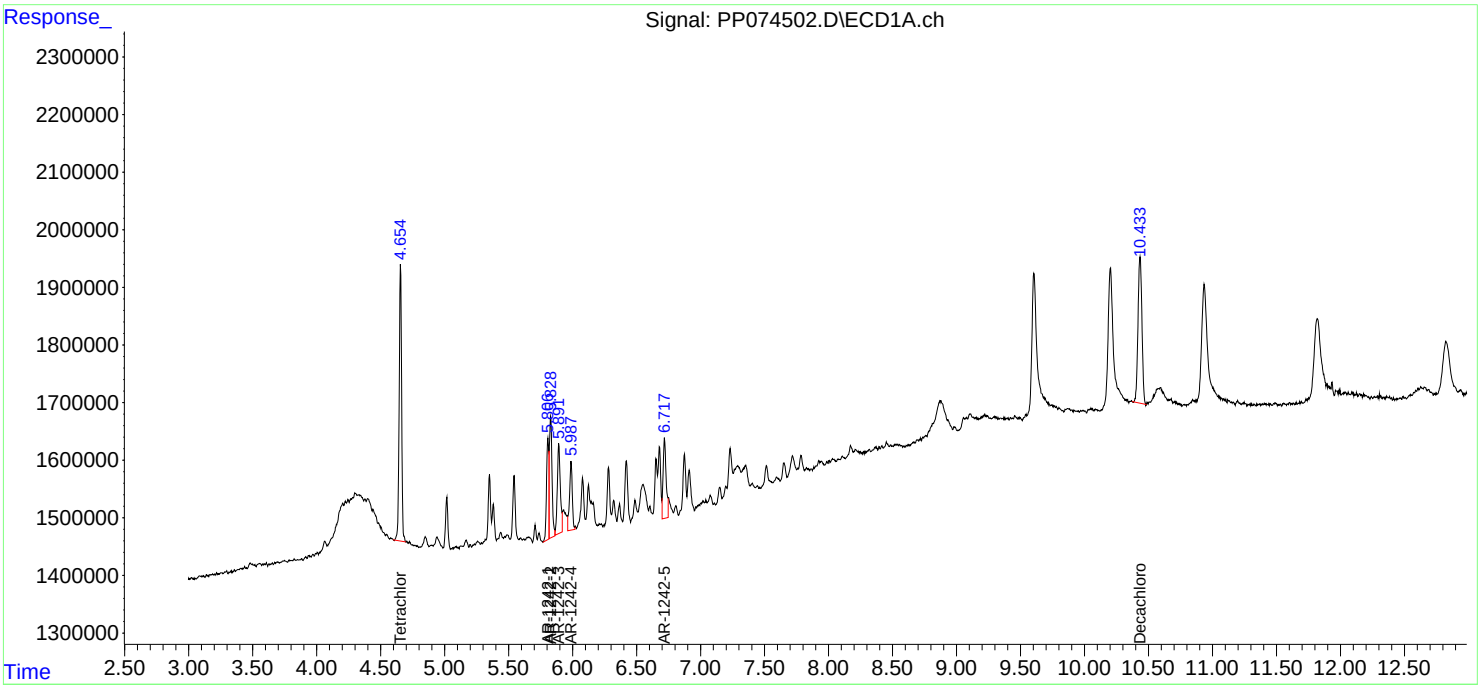
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

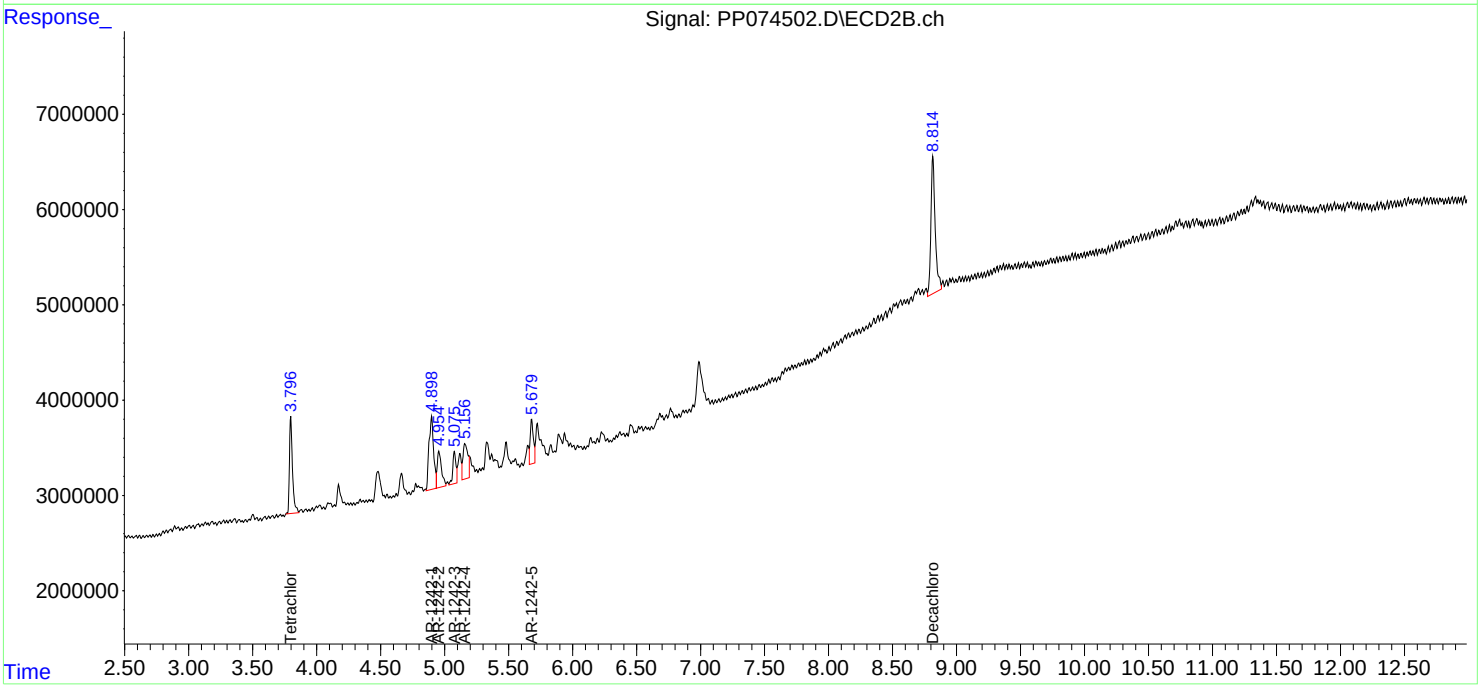
Manual Integrations APPROVED

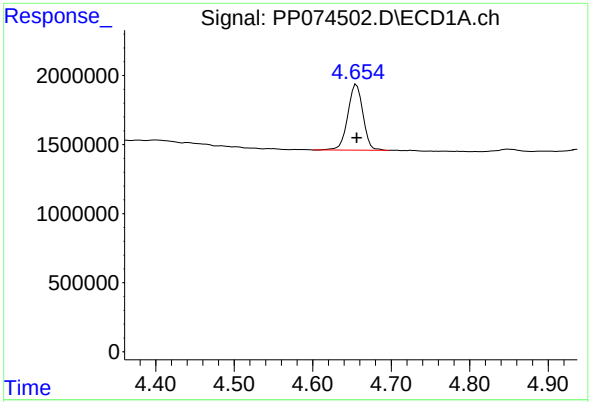
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:33:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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







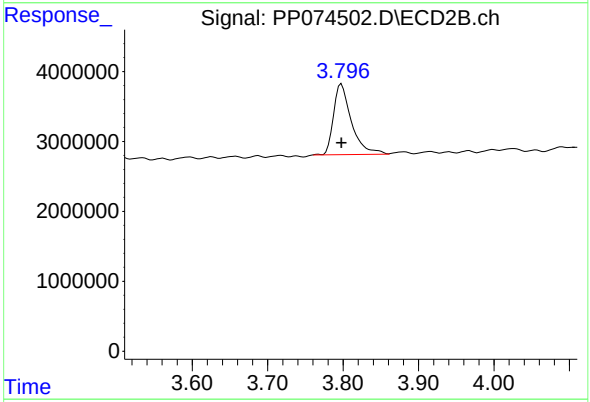
#1 Tetrachloro-m-xylene

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 6391941
Conc: 5.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

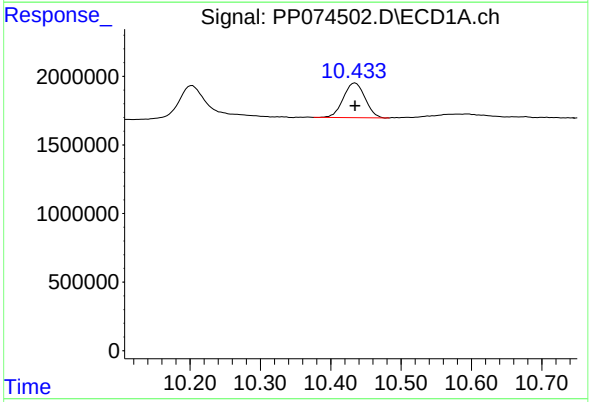
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



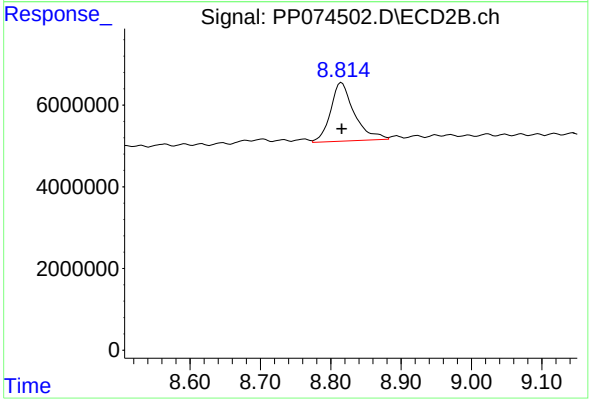
#1 Tetrachloro-m-xylene

R.T.: 3.798 min
Delta R.T.: 0.000 min
Response: 16722681
Conc: 3.43 ng/ml



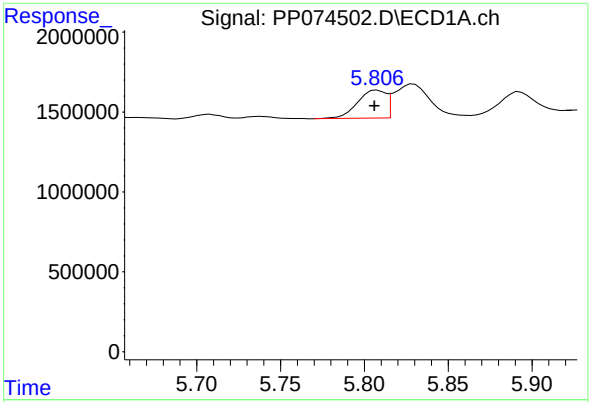
#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: 0.000 min
Response: 5418588
Conc: 5.16 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.815 min
Delta R.T.: 0.000 min
Response: 33484970
Conc: 4.53 ng/ml



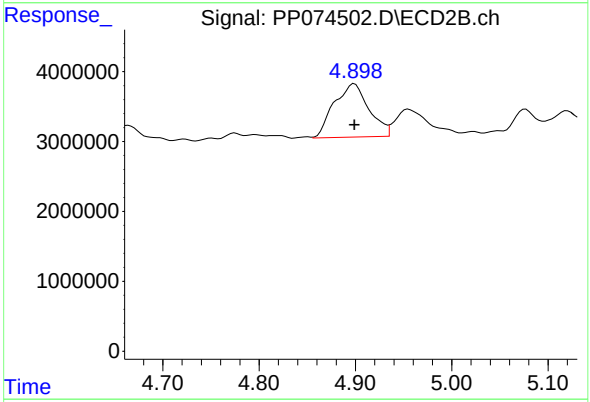
#16 AR-1242-1

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 2137122
Conc: 56.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

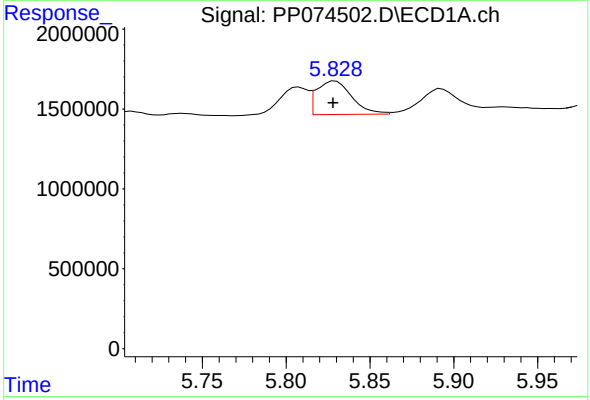
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



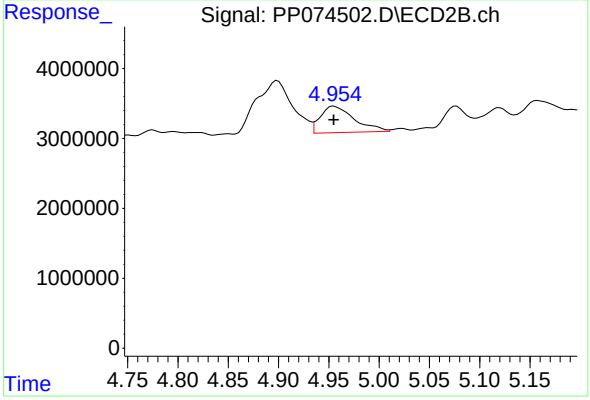
#16 AR-1242-1

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 19201283
Conc: 45.53 ng/ml



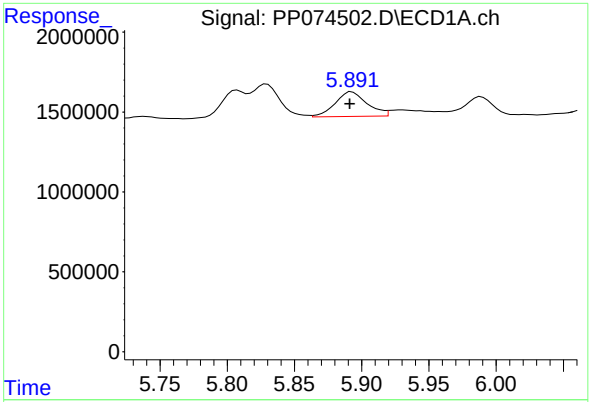
#17 AR-1242-2

R.T.: 5.828 min
Delta R.T.: 0.000 min
Response: 2967713
Conc: 52.82 ng/ml m



#17 AR-1242-2

R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 8891532
Conc: 44.39 ng/ml



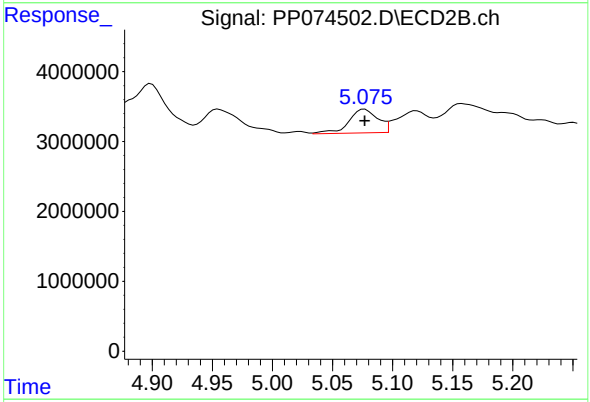
#18 AR-1242-3

R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 2519809
Conc: 61.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

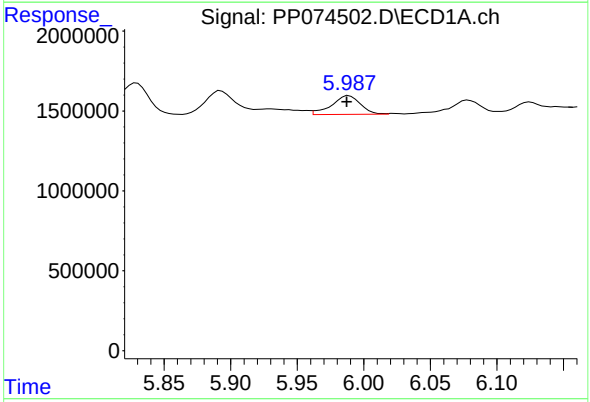
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



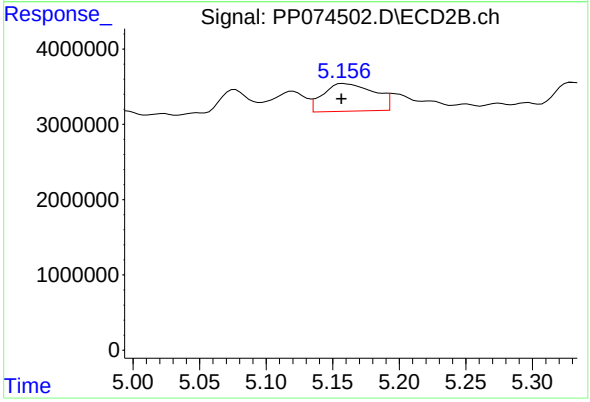
#18 AR-1242-3

R.T.: 5.077 min
Delta R.T.: 0.000 min
Response: 5679652
Conc: 48.01 ng/ml



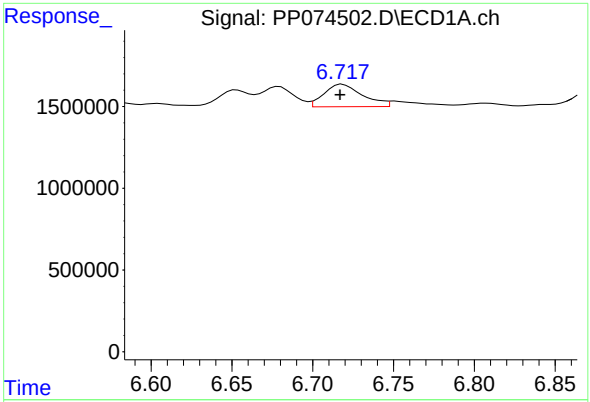
#19 AR-1242-4

R.T.: 5.987 min
Delta R.T.: 0.000 min
Response: 1758680
Conc: 54.25 ng/ml m



#19 AR-1242-4

R.T.: 5.156 min
Delta R.T.: 0.000 min
Response: 9687724
Conc: 58.36 ng/ml m



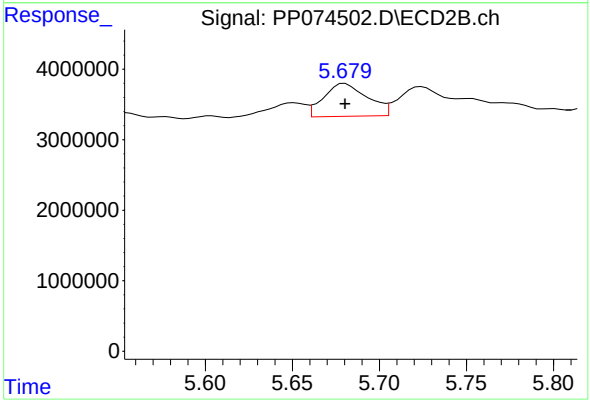
#20 AR-1242-5

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 2320479
Conc: 65.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

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Supervised By :mohammad ahmed 08/21/2025



#20 AR-1242-5

R.T.: 5.680 min
Delta R.T.: 0.000 min
Response: 8137241
Conc: 43.95 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074503.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:16
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:04:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 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...	4.655	3.800	110.1E6	492.2E6	91.706	99.983
2)	SA Decachlor...	10.435	8.815	95099389	736.2E6	88.794	93.998
	Target Compounds						
21)	L5 AR-1248-1	5.806	4.897	26825393	276.8E6	869.659	941.101
22)	L5 AR-1248-2	6.078	5.118	37601198	170.4E6	870.163	925.395
23)	L5 AR-1248-3	6.281	5.157	41457218	216.9E6	885.508	952.815m
24)	L5 AR-1248-4	6.679	5.331	47576379	216.0E6	874.270	940.843
25)	L5 AR-1248-5	6.718	5.721	47007884	365.9E6	868.926	946.465

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074503.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:16
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

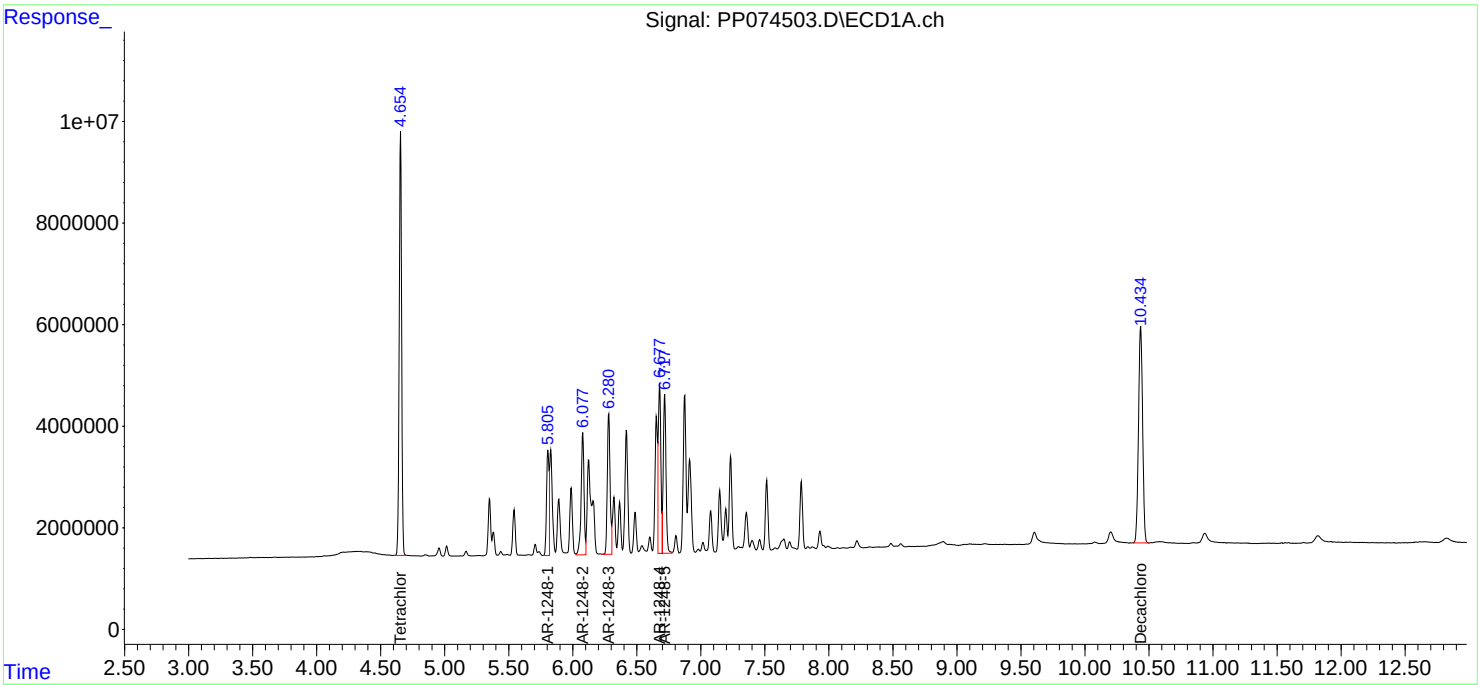
Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

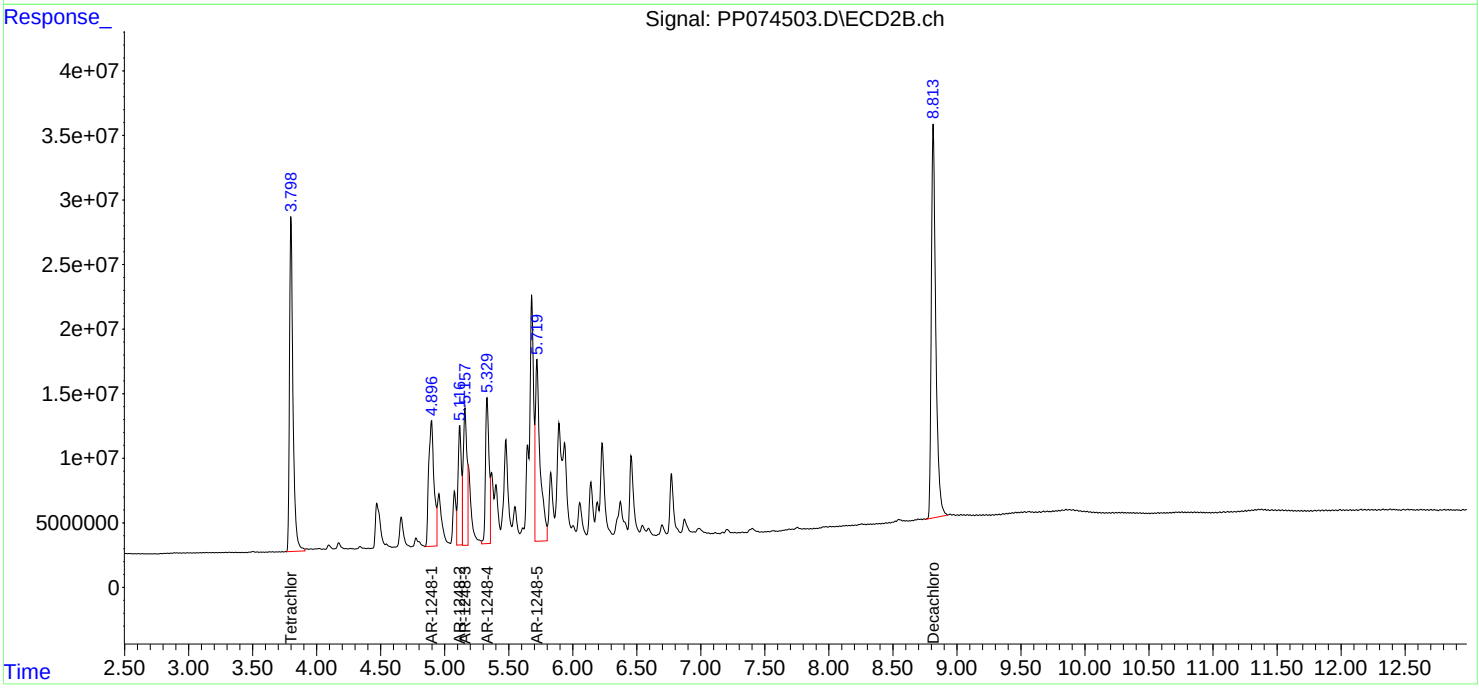
Manual Integrations APPROVED

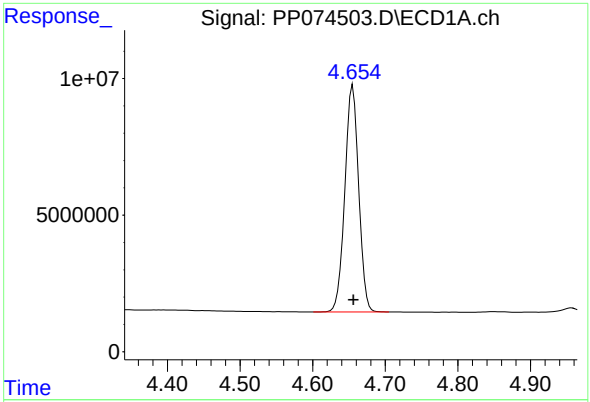
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:04:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 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







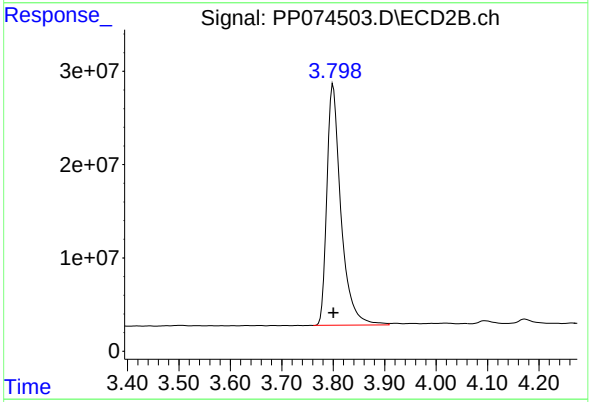
#1 Tetrachloro-m-xylene

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 110099195
Conc: 91.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

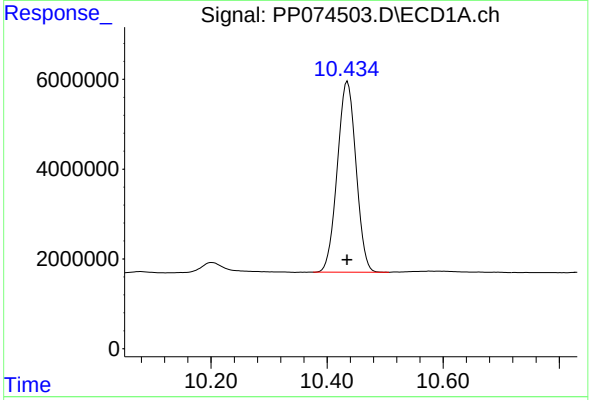
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



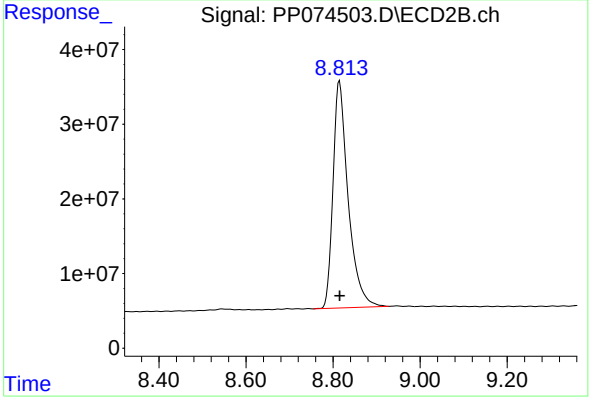
#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 492177520
Conc: 99.98 ng/ml



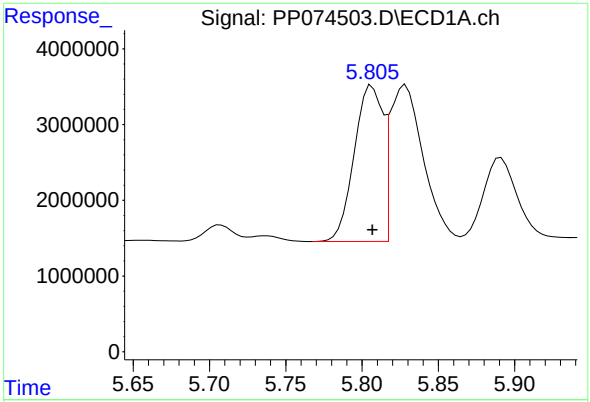
#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: 0.000 min
Response: 95099389
Conc: 88.79 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.815 min
Delta R.T.: 0.000 min
Response: 736217044
Conc: 94.00 ng/ml



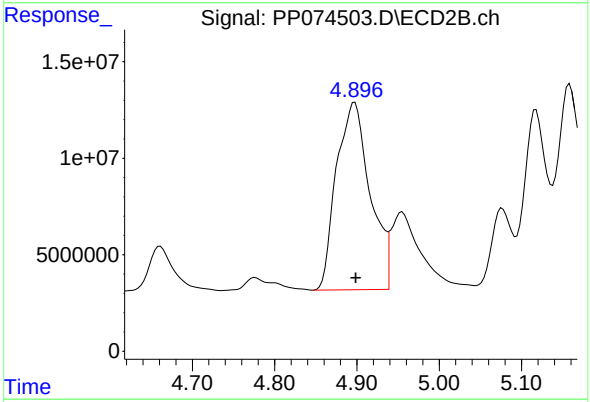
#21 AR-1248-1

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 26825393
Conc: 869.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

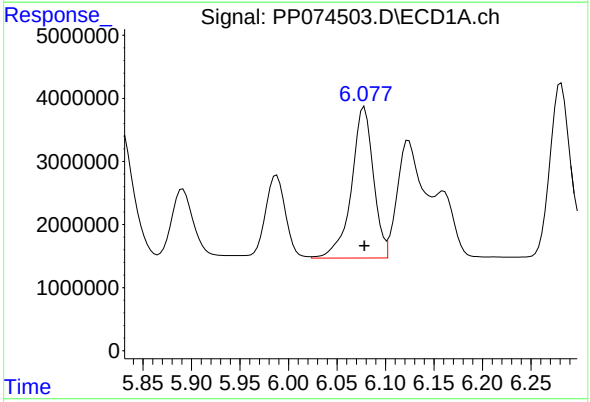
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



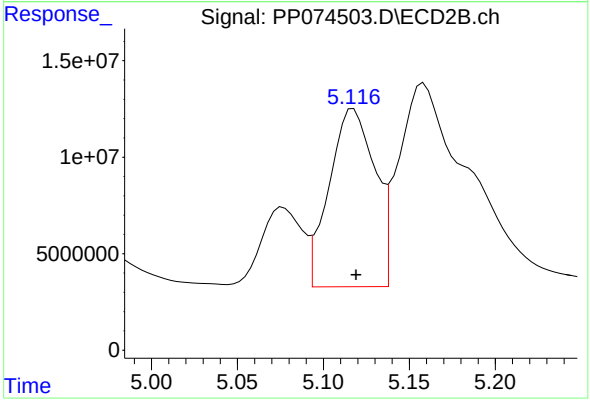
#21 AR-1248-1

R.T.: 4.897 min
Delta R.T.: -0.001 min
Response: 276787529
Conc: 941.10 ng/ml



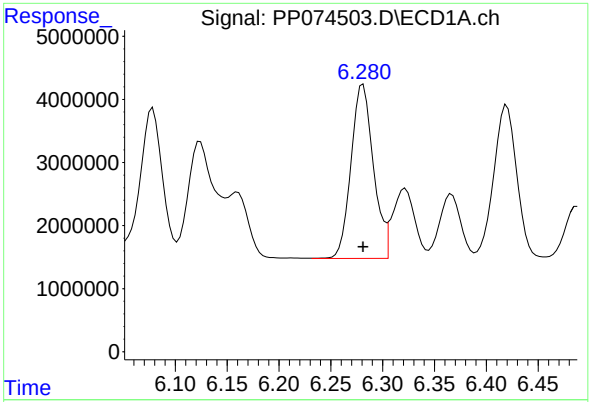
#22 AR-1248-2

R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 37601198
Conc: 870.16 ng/ml



#22 AR-1248-2

R.T.: 5.118 min
Delta R.T.: -0.001 min
Response: 170428062
Conc: 925.40 ng/ml



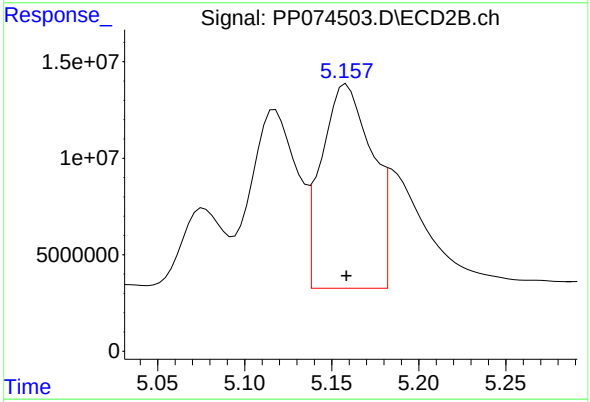
#23 AR-1248-3

R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 41457218
Conc: 885.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

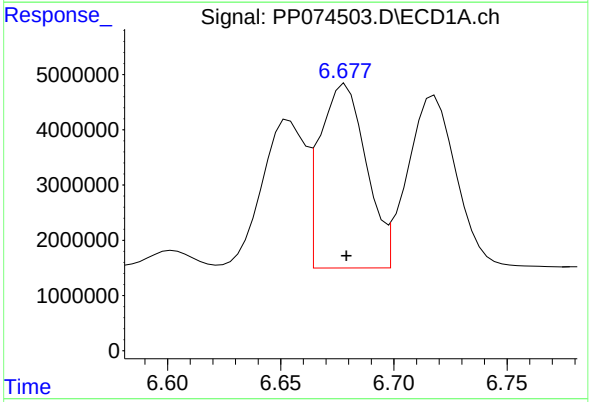
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



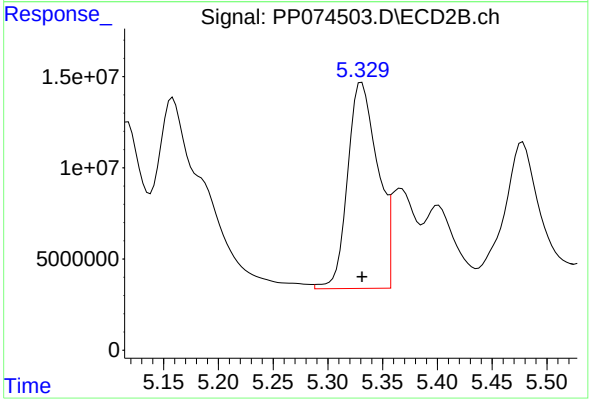
#23 AR-1248-3

R.T.: 5.157 min
Delta R.T.: -0.001 min
Response: 216883105
Conc: 952.82 ng/ml m



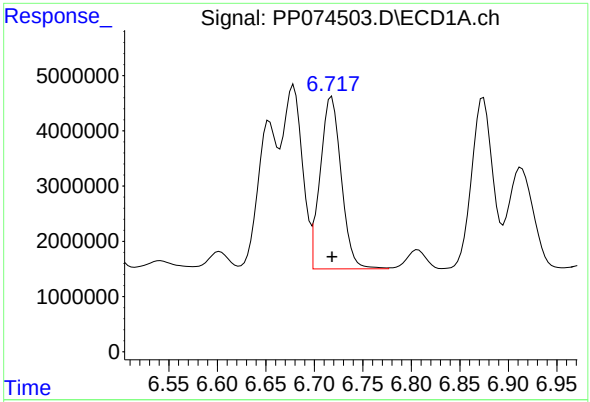
#24 AR-1248-4

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 47576379
Conc: 874.27 ng/ml



#24 AR-1248-4

R.T.: 5.331 min
Delta R.T.: 0.000 min
Response: 216013976
Conc: 940.84 ng/ml



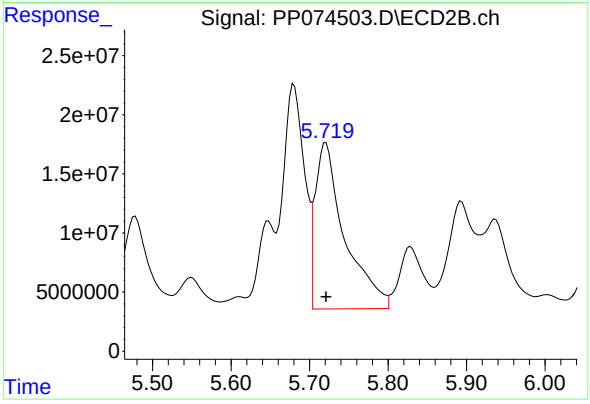
#25 AR-1248-5

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 47007884
Conc: 868.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



#25 AR-1248-5

R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 365899980
Conc: 946.47 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074504.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:33
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 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...	4.659	3.803	86008422	395.4E6	71.640	80.329
2)	SA Decachlor...	10.439	8.818	75691794	571.8E6	70.673	72.999
	Target Compounds						
21)	L5 AR-1248-1	5.810	4.902	21304287	204.7E6	690.669	696.142
22)	L5 AR-1248-2	6.082	5.122	29923107	132.7E6	692.477	720.722
23)	L5 AR-1248-3	6.284	5.161	32832116	177.7E6	701.279	780.792m
24)	L5 AR-1248-4	6.682	5.334	38171735	166.6E6	701.449	725.726
25)	L5 AR-1248-5	6.721	5.724	37544119	283.6E6	693.991	733.686

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074504.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:33
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

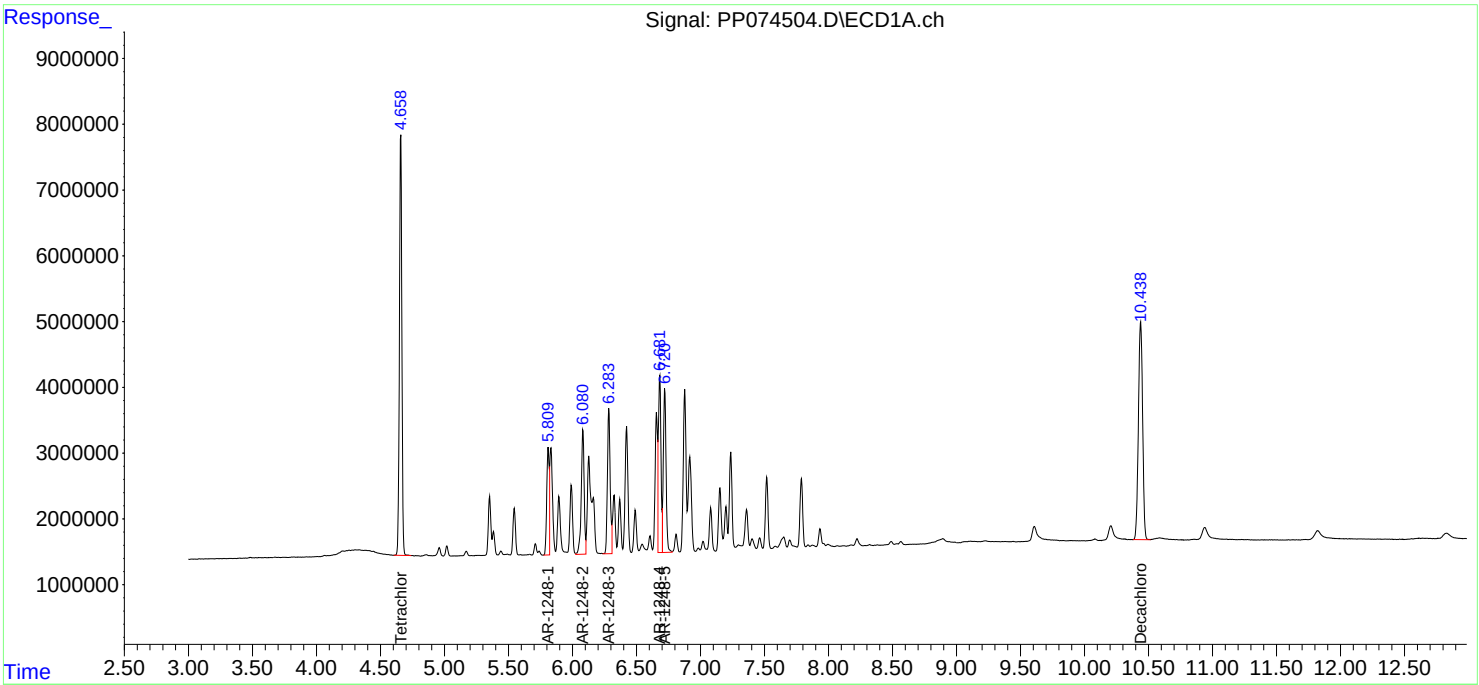
Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

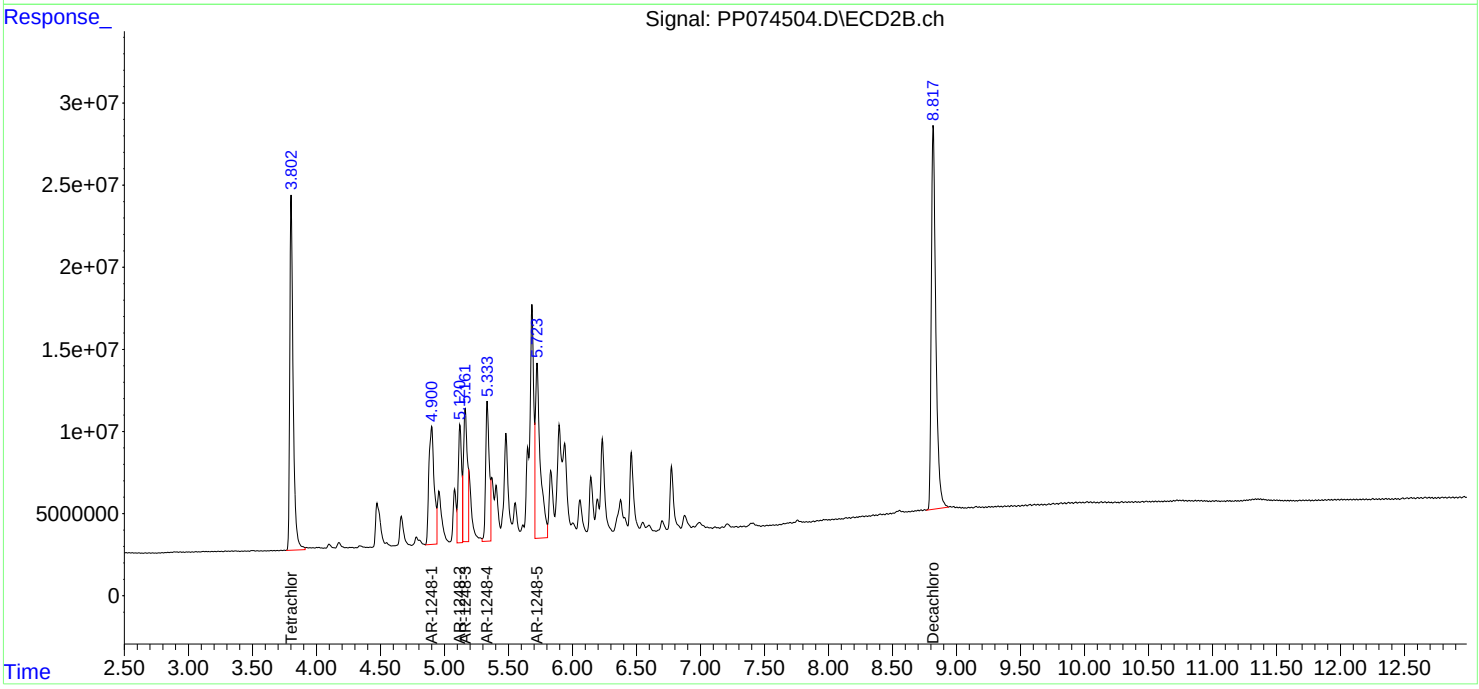
Manual Integrations APPROVED

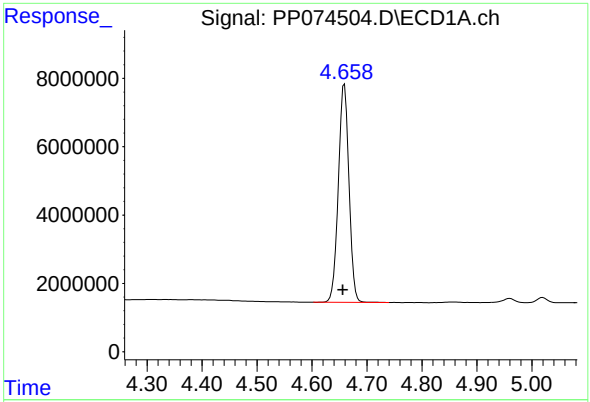
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 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







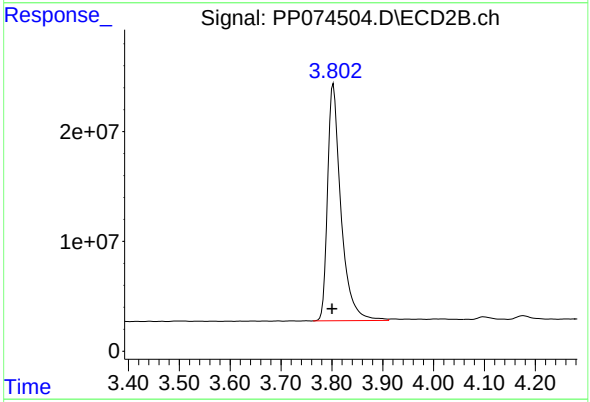
#1 Tetrachloro-m-xylene

R.T.: 4.659 min
Delta R.T.: 0.003 min
Response: 86008422
Conc: 71.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

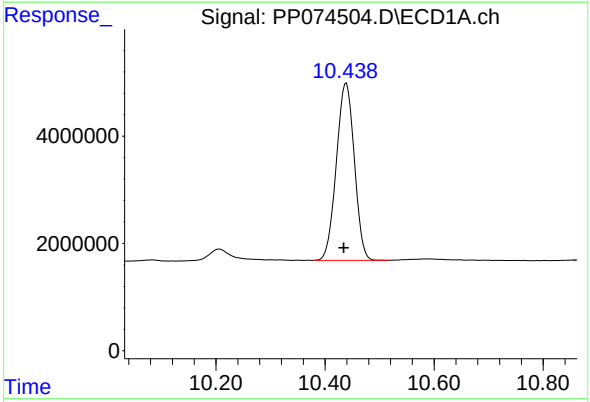
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



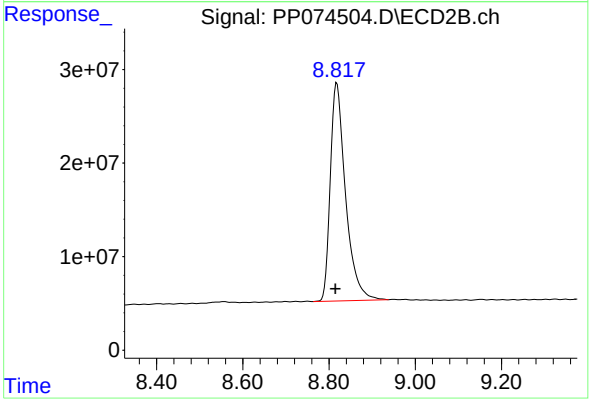
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.002 min
Response: 395428187
Conc: 80.33 ng/ml



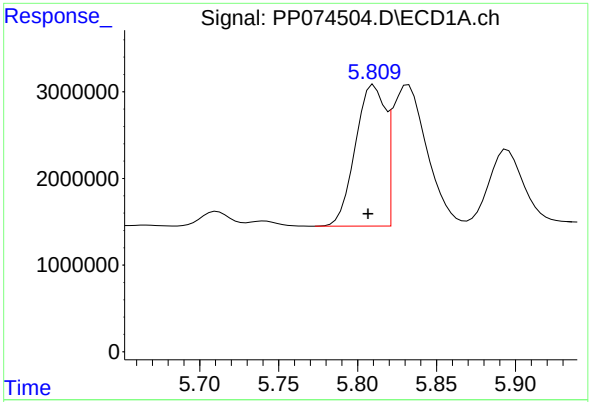
#2 Decachlorobiphenyl

R.T.: 10.439 min
Delta R.T.: 0.004 min
Response: 75691794
Conc: 70.67 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.818 min
Delta R.T.: 0.003 min
Response: 571751151
Conc: 73.00 ng/ml



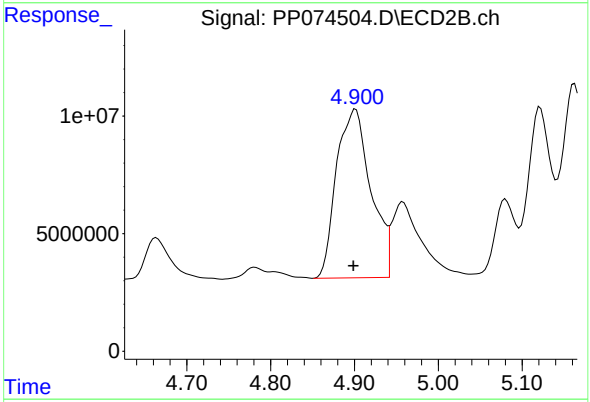
#21 AR-1248-1

R.T.: 5.810 min
Delta R.T.: 0.004 min
Response: 21304287
Conc: 690.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

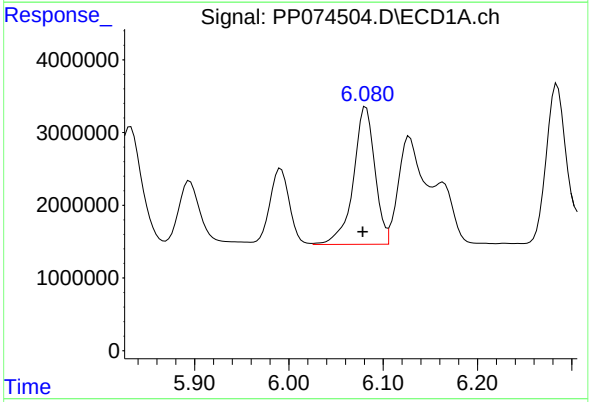
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



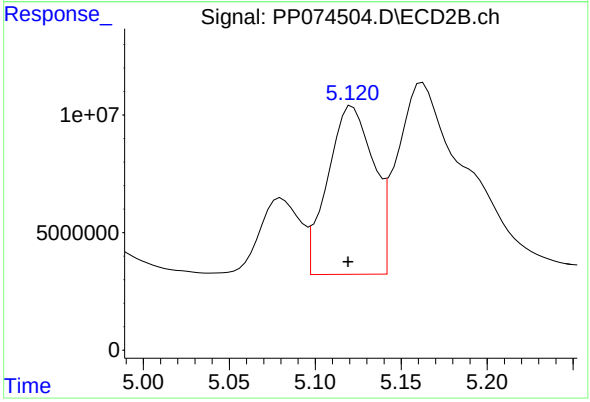
#21 AR-1248-1

R.T.: 4.902 min
Delta R.T.: 0.003 min
Response: 204742425
Conc: 696.14 ng/ml



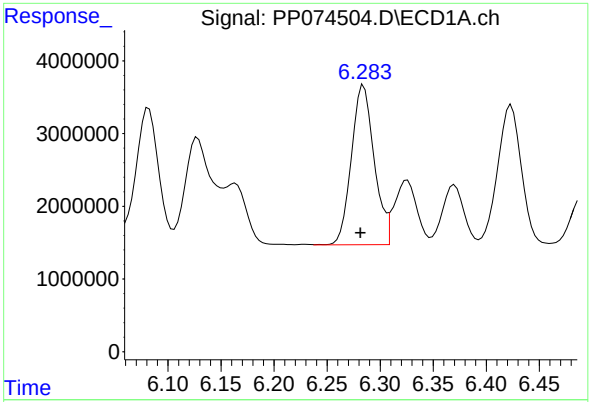
#22 AR-1248-2

R.T.: 6.082 min
Delta R.T.: 0.003 min
Response: 29923107
Conc: 692.48 ng/ml



#22 AR-1248-2

R.T.: 5.122 min
Delta R.T.: 0.003 min
Response: 132733755
Conc: 720.72 ng/ml



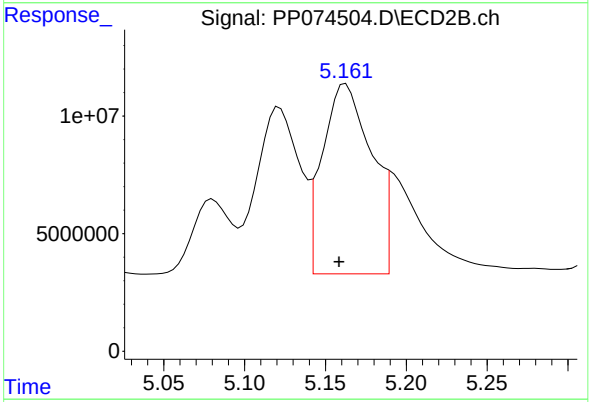
#23 AR-1248-3

R.T.: 6.284 min
Delta R.T.: 0.003 min
Response: 32832116
Conc: 701.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

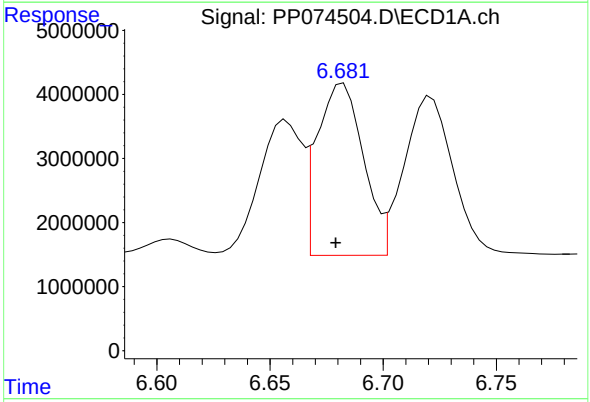
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



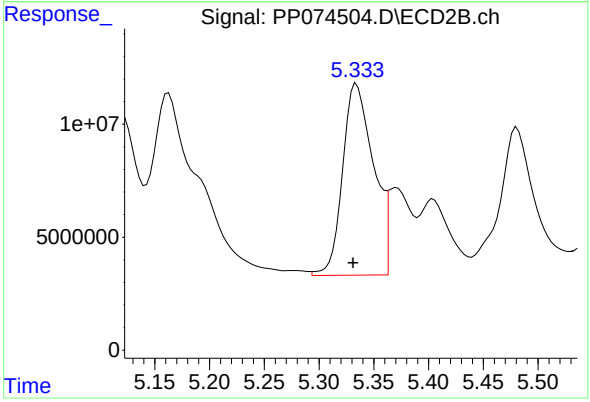
#23 AR-1248-3

R.T.: 5.161 min
Delta R.T.: 0.003 min
Response: 177726547
Conc: 780.79 ng/ml m



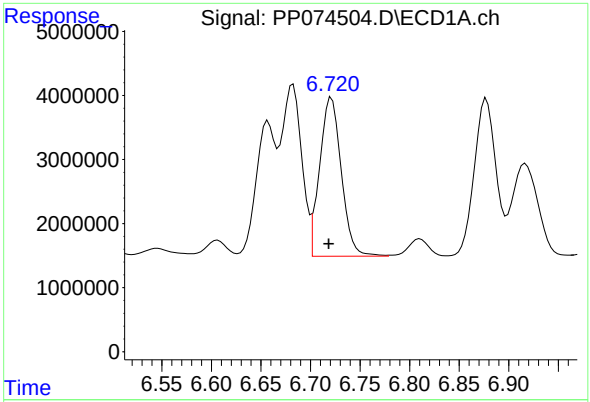
#24 AR-1248-4

R.T.: 6.682 min
Delta R.T.: 0.003 min
Response: 38171735
Conc: 701.45 ng/ml



#24 AR-1248-4

R.T.: 5.334 min
Delta R.T.: 0.003 min
Response: 166624074
Conc: 725.73 ng/ml



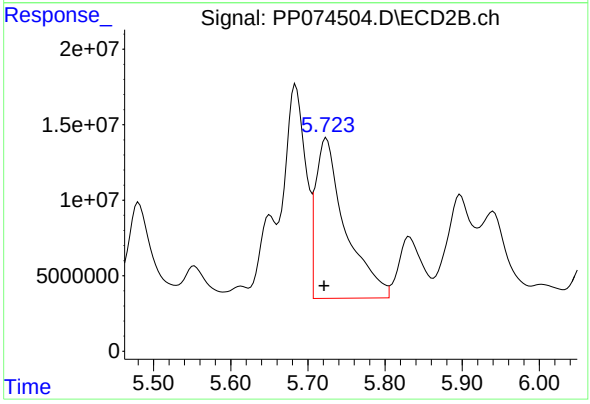
#25 AR-1248-5

R.T.: 6.721 min
Delta R.T.: 0.003 min
Response: 37544119
Conc: 693.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

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Supervised By :mohammad ahmed 08/21/2025



#25 AR-1248-5

R.T.: 5.724 min
Delta R.T.: 0.003 min
Response: 283640150
Conc: 733.69 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074505.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:49
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 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...	4.656	3.801	60028320	246.1E6	50.000	50.000
2)	SA Decachlor...	10.435	8.815	53550623	391.6E6	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	5.807	4.899	15422936	147.1E6	500.000	500.000
22)	L5 AR-1248-2	6.078	5.119	21605843	92083909	500.000	500.000
23)	L5 AR-1248-3	6.281	5.159	23408730	113.0E6	500.000	496.516m
24)	L5 AR-1248-4	6.679	5.331	27209215	114.8E6	500.000	500.000
25)	L5 AR-1248-5	6.718	5.721	27049432	193.3E6	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\PP081925\
Data File : PP074505.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:49
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

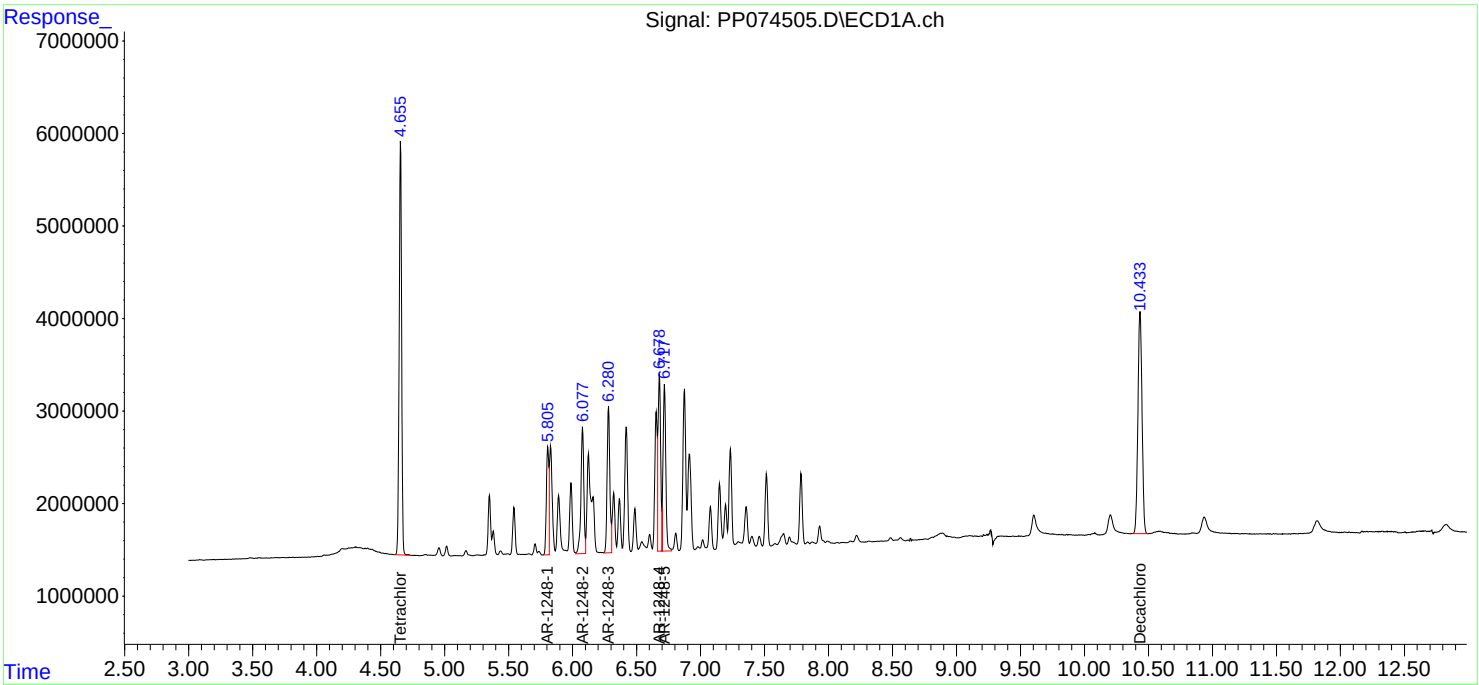
Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

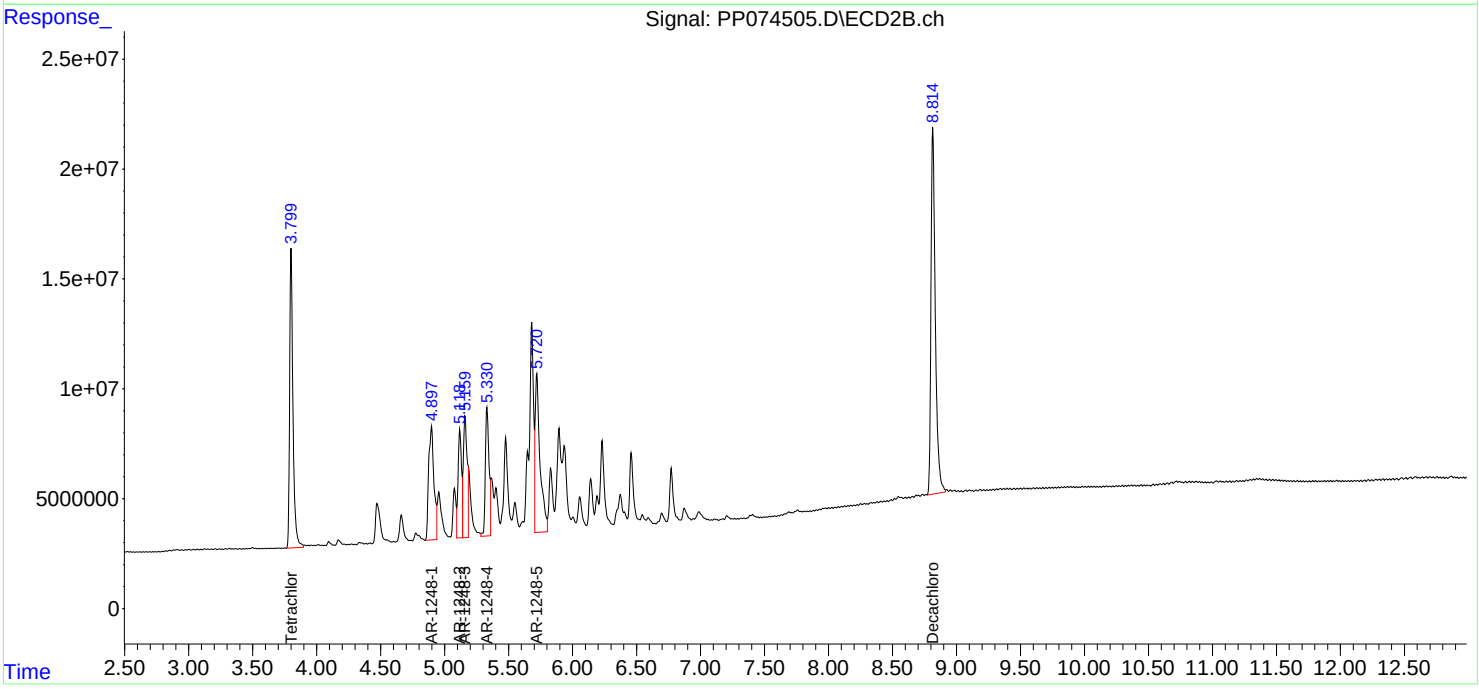
Manual Integrations APPROVED

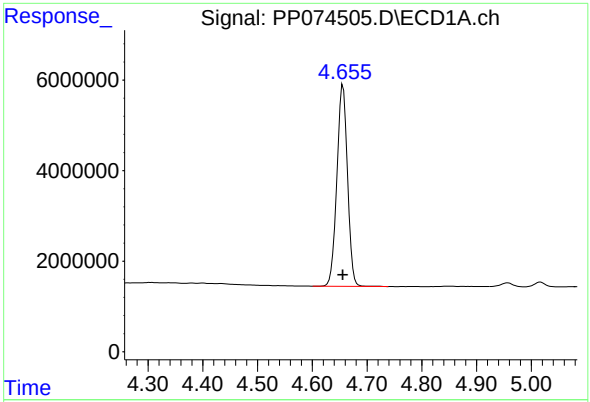
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 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







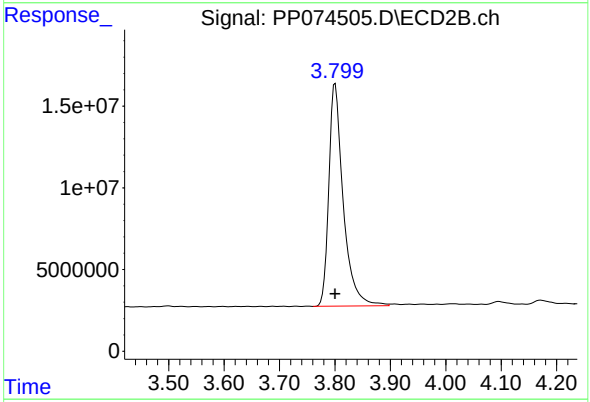
#1 Tetrachloro-m-xylene

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 60028320
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

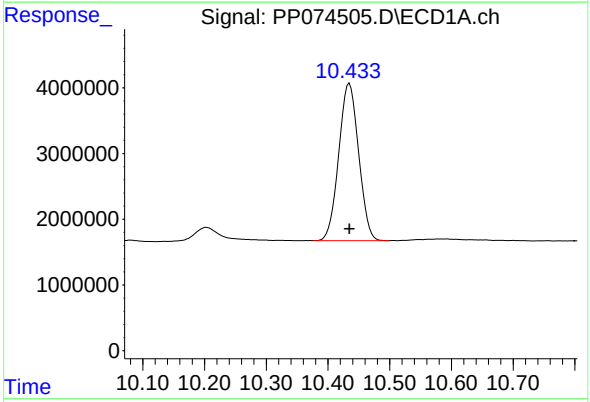
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



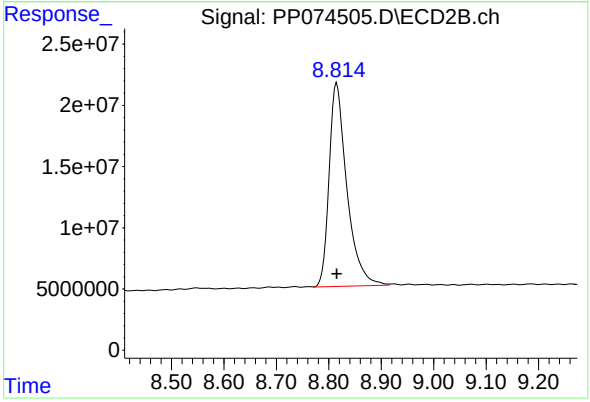
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 246130771
Conc: 50.00 ng/ml



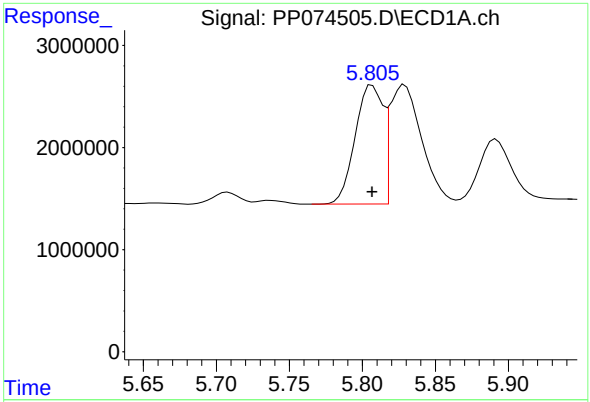
#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: 0.000 min
Response: 53550623
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.815 min
Delta R.T.: 0.000 min
Response: 391614288
Conc: 50.00 ng/ml



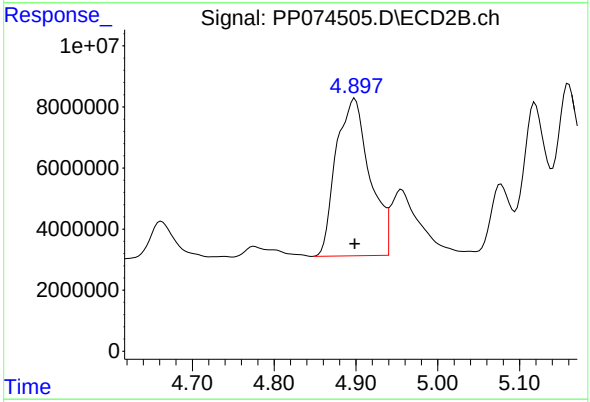
#21 AR-1248-1

R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 15422936
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

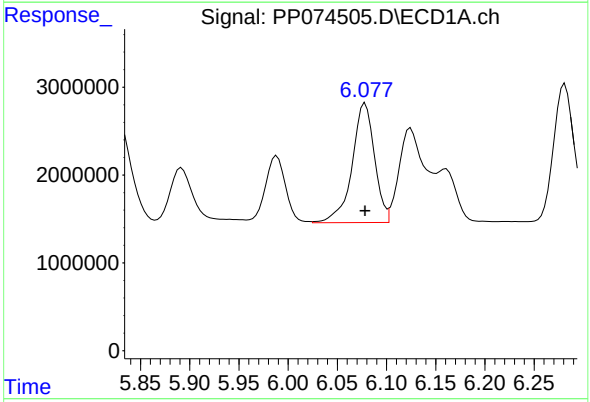
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



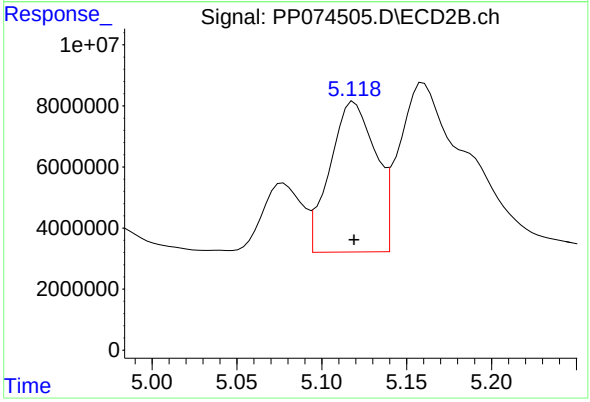
#21 AR-1248-1

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 147055095
Conc: 500.00 ng/ml



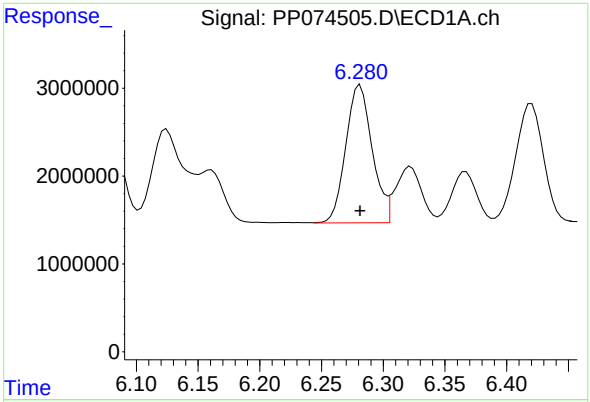
#22 AR-1248-2

R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 21605843
Conc: 500.00 ng/ml



#22 AR-1248-2

R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 92083909
Conc: 500.00 ng/ml



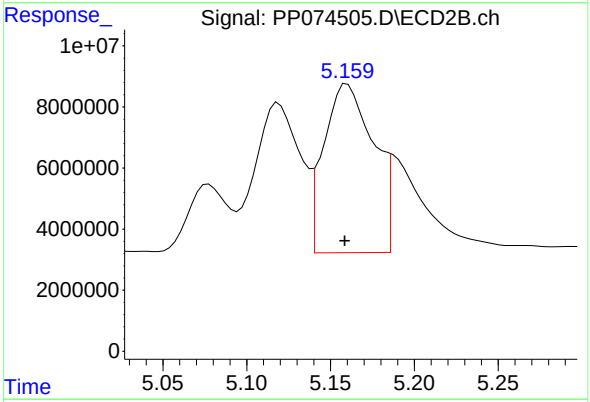
#23 AR-1248-3

R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 23408730
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

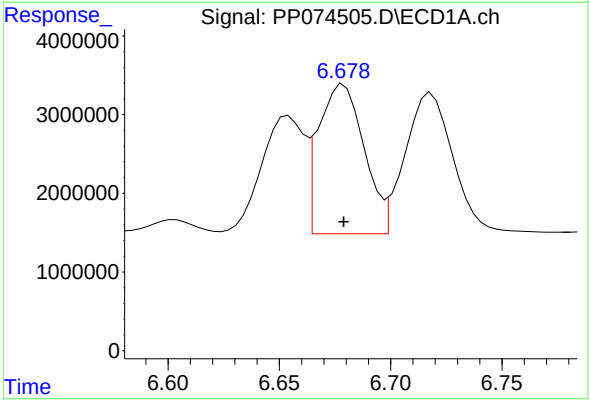
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



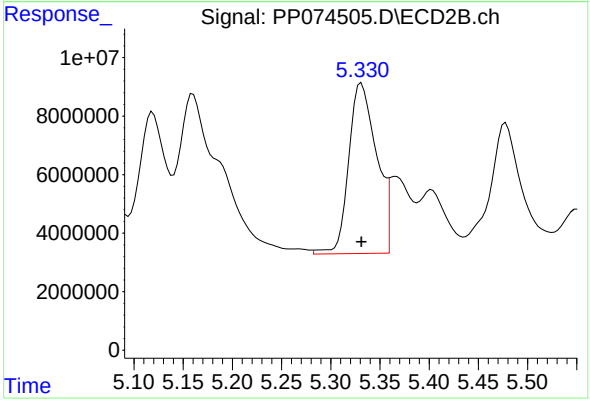
#23 AR-1248-3

R.T.: 5.159 min
Delta R.T.: 0.000 min
Response: 113018606
Conc: 496.52 ng/ml m



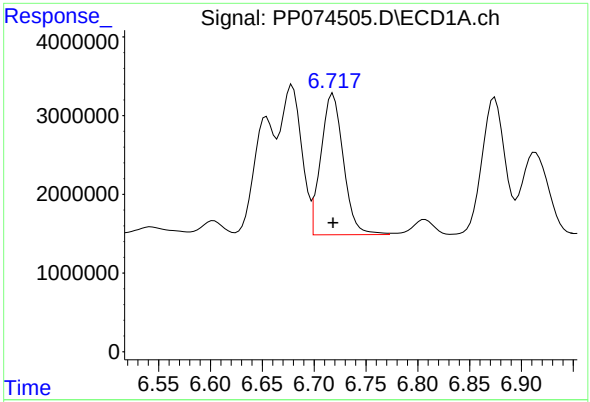
#24 AR-1248-4

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 27209215
Conc: 500.00 ng/ml



#24 AR-1248-4

R.T.: 5.331 min
Delta R.T.: 0.000 min
Response: 114798132
Conc: 500.00 ng/ml



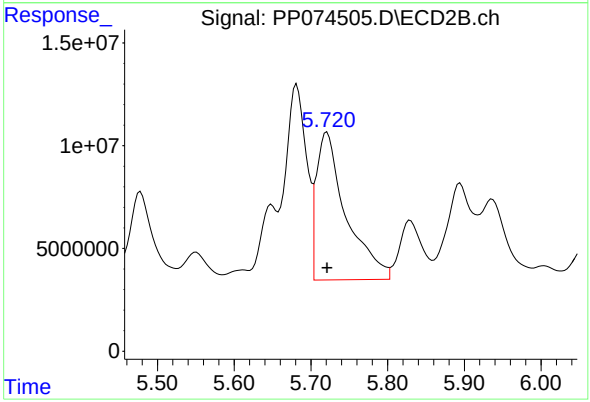
#25 AR-1248-5

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 27049432
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



#25 AR-1248-5

R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 193298180
Conc: 500.00 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074506.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:05
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 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...	4.657	3.800	31924312	118.9E6	26.591	24.146
2)	SA Decachlor...	10.436	8.815	29199630	195.8E6	27.264	24.994
	Target Compounds						
21)	L5 AR-1248-1	5.808	4.899	8518595	71878916	276.166	244.395
22)	L5 AR-1248-2	6.080	5.119	12195931	47171019	282.237	256.131
23)	L5 AR-1248-3	6.282	5.159	12988856	58195671	277.436	255.666m
24)	L5 AR-1248-4	6.680	5.333	15166776	55484288	278.707	241.660
25)	L5 AR-1248-5	6.719	5.722	15479077	98298762	286.126	254.267

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074506.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:05
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

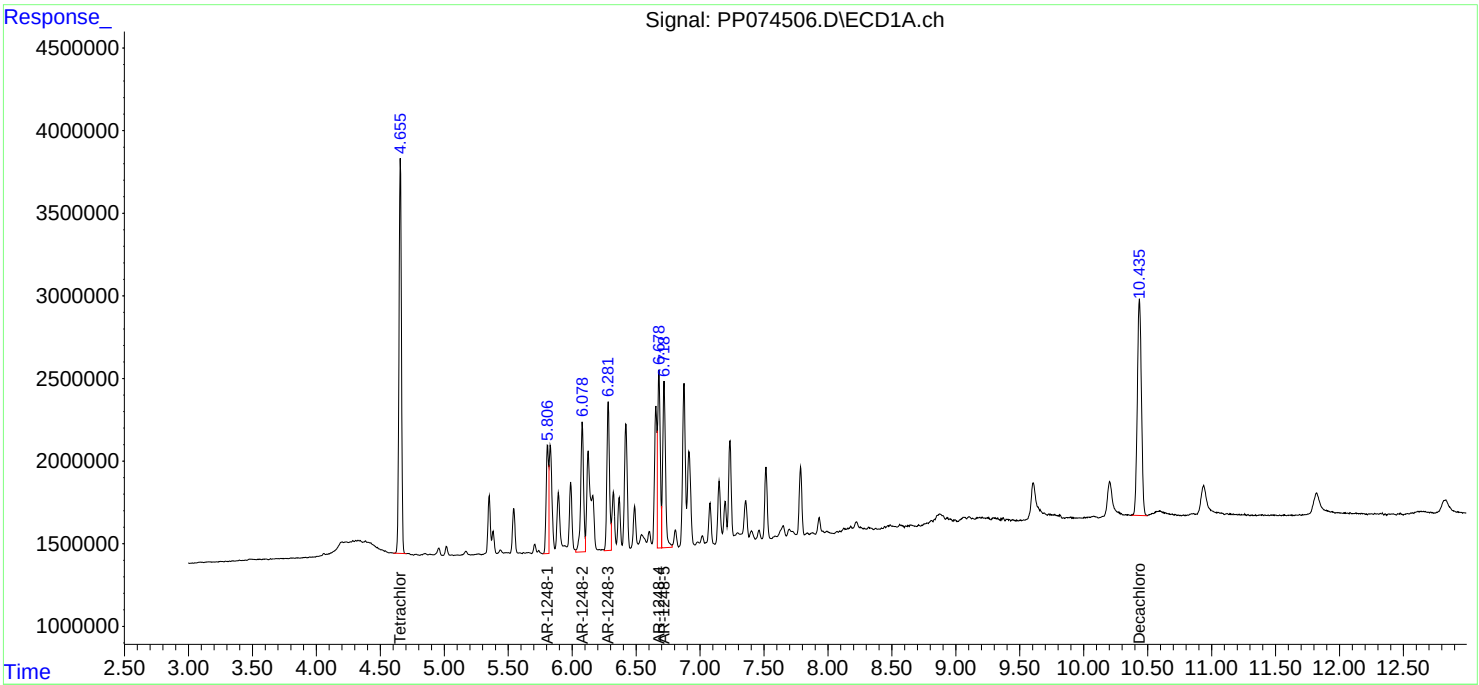
Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

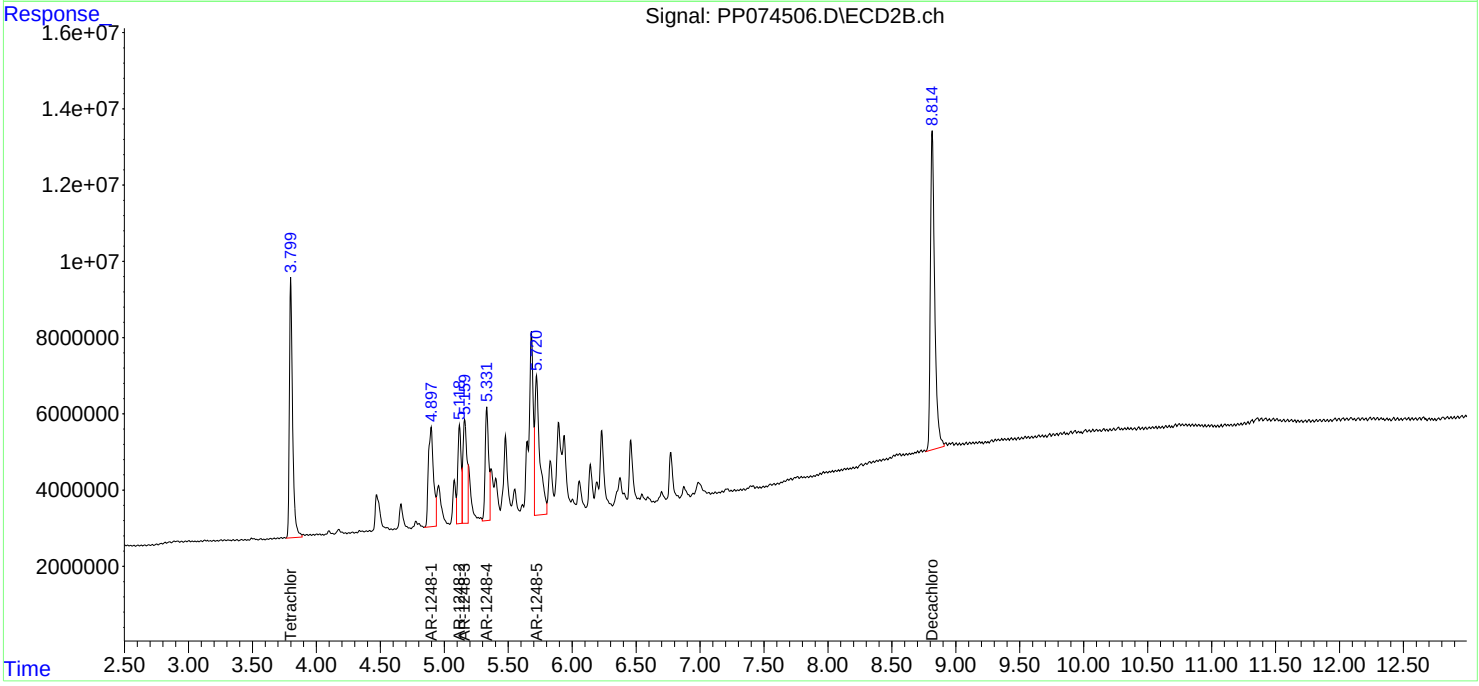
Manual Integrations APPROVED

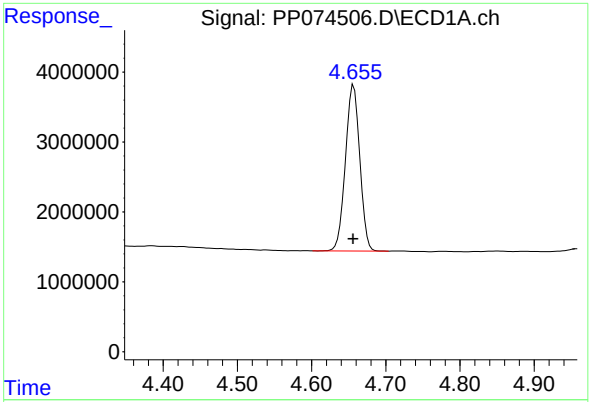
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 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







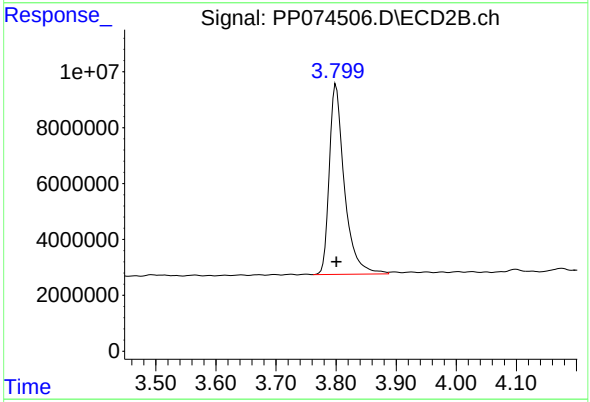
#1 Tetrachloro-m-xylene

R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 31924312
Conc: 26.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

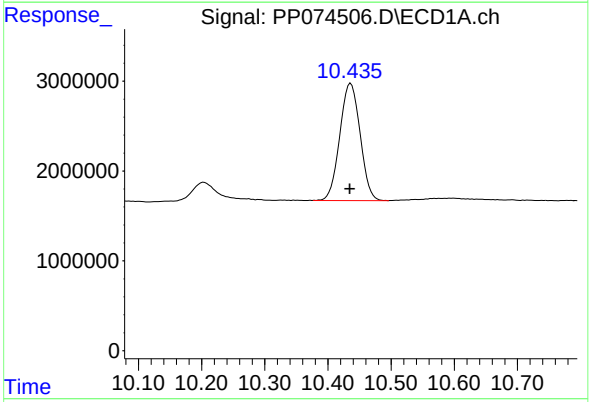
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



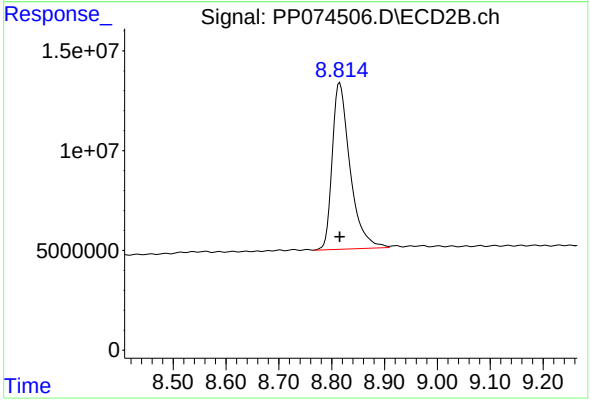
#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 118859923
Conc: 24.15 ng/ml



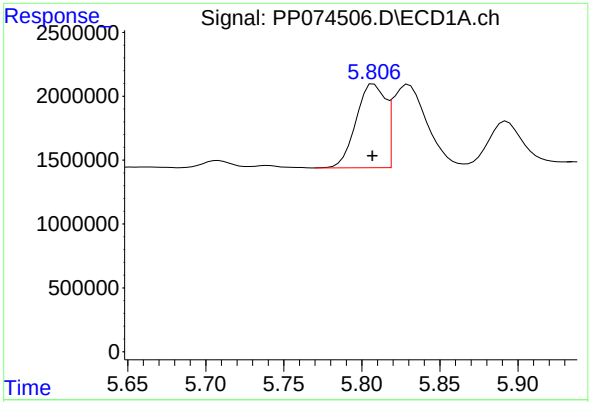
#2 Decachlorobiphenyl

R.T.: 10.436 min
Delta R.T.: 0.001 min
Response: 29199630
Conc: 27.26 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.815 min
Delta R.T.: 0.000 min
Response: 195760353
Conc: 24.99 ng/ml



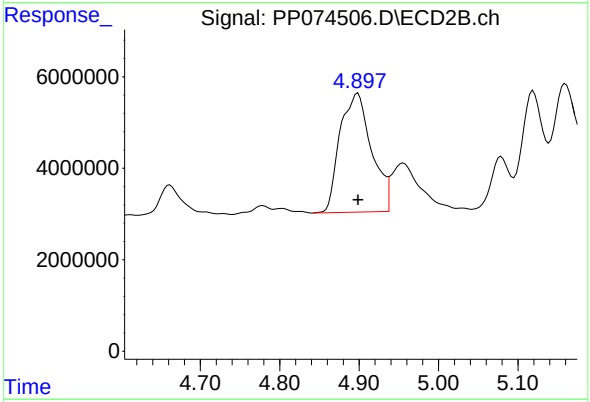
#21 AR-1248-1

R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 8518595
Conc: 276.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

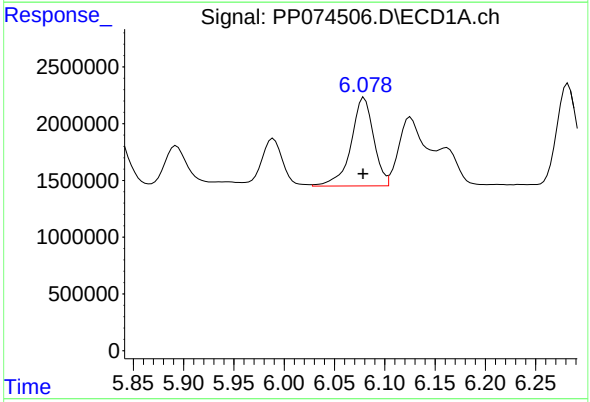
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



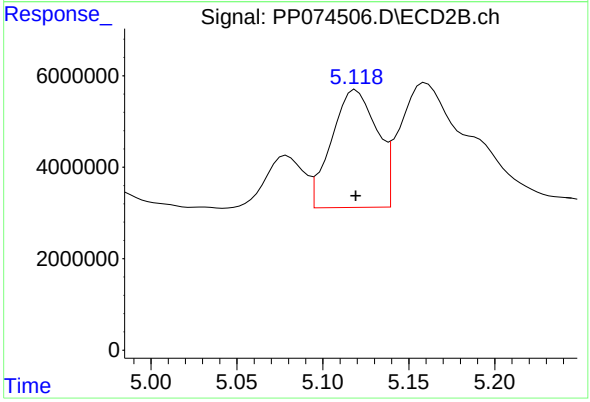
#21 AR-1248-1

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 71878916
Conc: 244.39 ng/ml



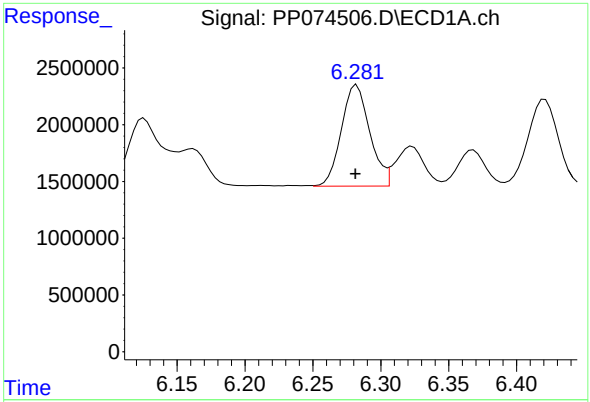
#22 AR-1248-2

R.T.: 6.080 min
Delta R.T.: 0.001 min
Response: 12195931
Conc: 282.24 ng/ml



#22 AR-1248-2

R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 47171019
Conc: 256.13 ng/ml



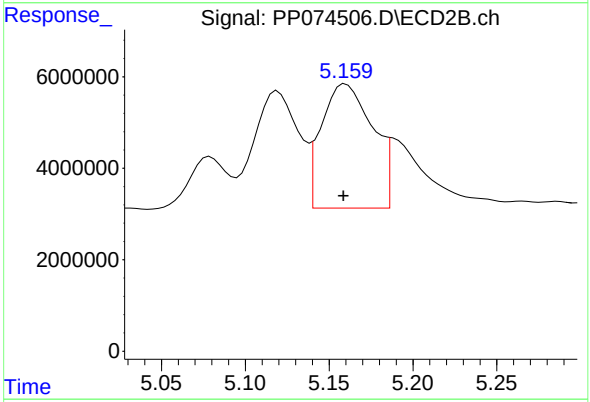
#23 AR-1248-3

R.T.: 6.282 min
Delta R.T.: 0.001 min
Response: 12988856
Conc: 277.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

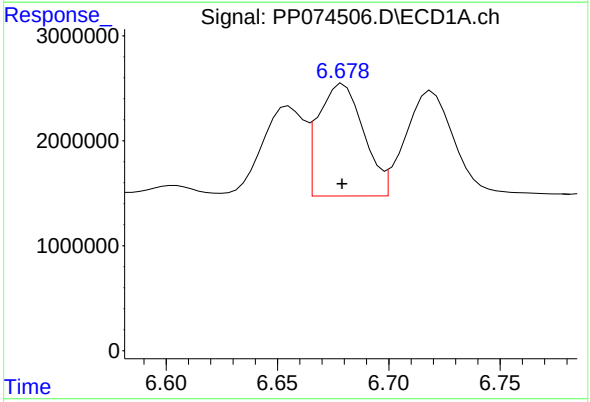
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



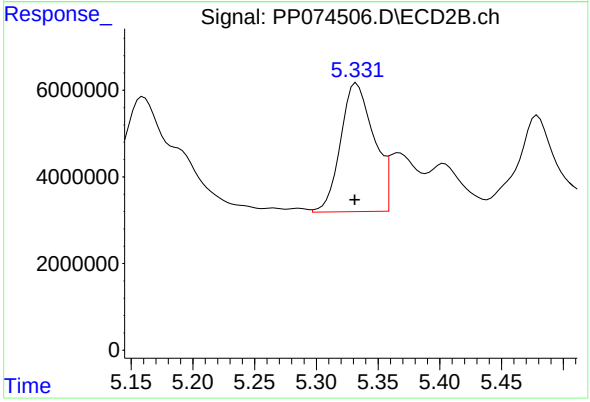
#23 AR-1248-3

R.T.: 5.159 min
Delta R.T.: 0.000 min
Response: 58195671
Conc: 255.67 ng/ml m



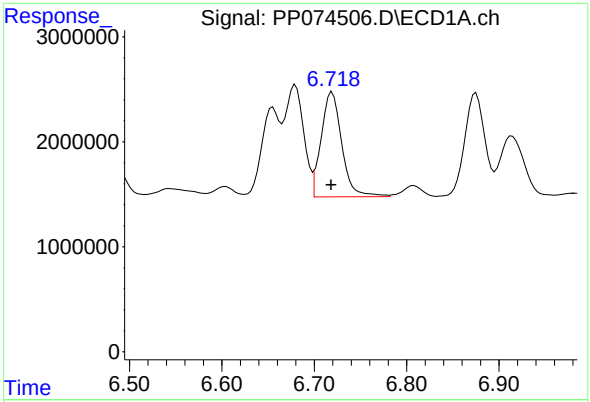
#24 AR-1248-4

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 15166776
Conc: 278.71 ng/ml



#24 AR-1248-4

R.T.: 5.333 min
Delta R.T.: 0.001 min
Response: 55484288
Conc: 241.66 ng/ml



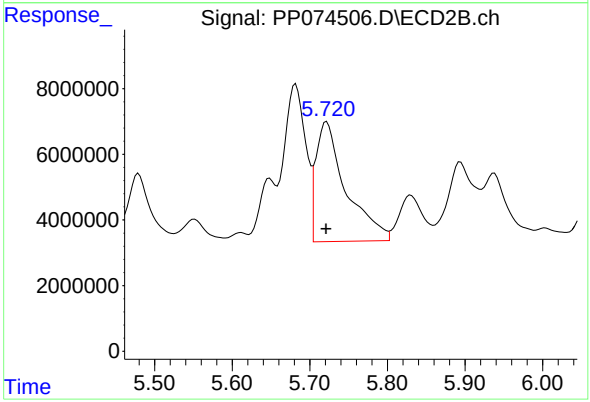
#25 AR-1248-5

R.T.: 6.719 min
Delta R.T.: 0.001 min
Response: 15479077
Conc: 286.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



#25 AR-1248-5

R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 98298762
Conc: 254.27 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074507.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:21
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 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...	4.655	3.799	6057310	15338885	5.045	3.116 #
2)	SA Decachlor...	10.435	8.816	5286868	30885168	4.936	3.943
	Target Compounds						
21)	L5 AR-1248-1	5.807	4.899	1548436	12465555	50.199	42.384
22)	L5 AR-1248-2	6.076	5.120	2299309	8175959	53.210m	44.394
23)	L5 AR-1248-3	6.281	5.159	2475589	11167270	52.877	49.060
24)	L5 AR-1248-4	6.678	5.331	3072323	10019619	56.457	43.640
25)	L5 AR-1248-5	6.716	5.720	3213520	15636577	59.401m	40.447m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074507.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:21
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

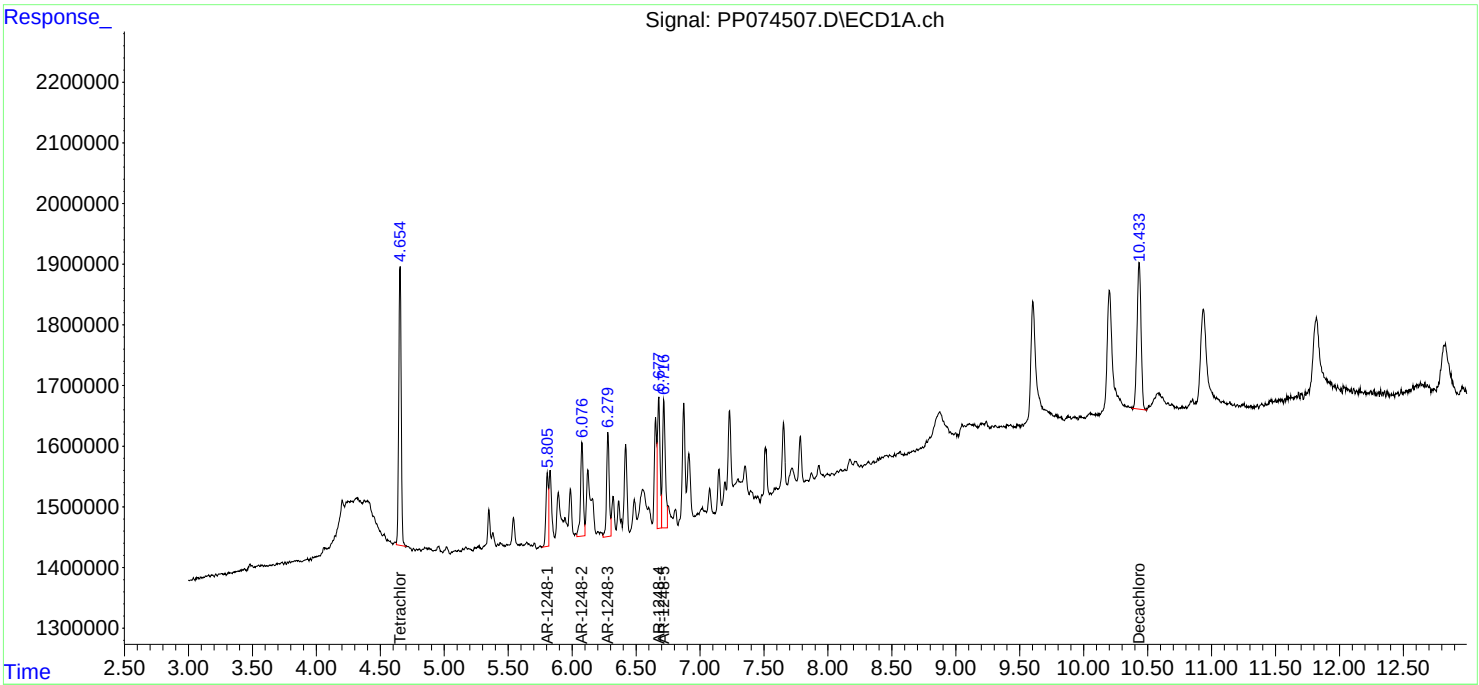
Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

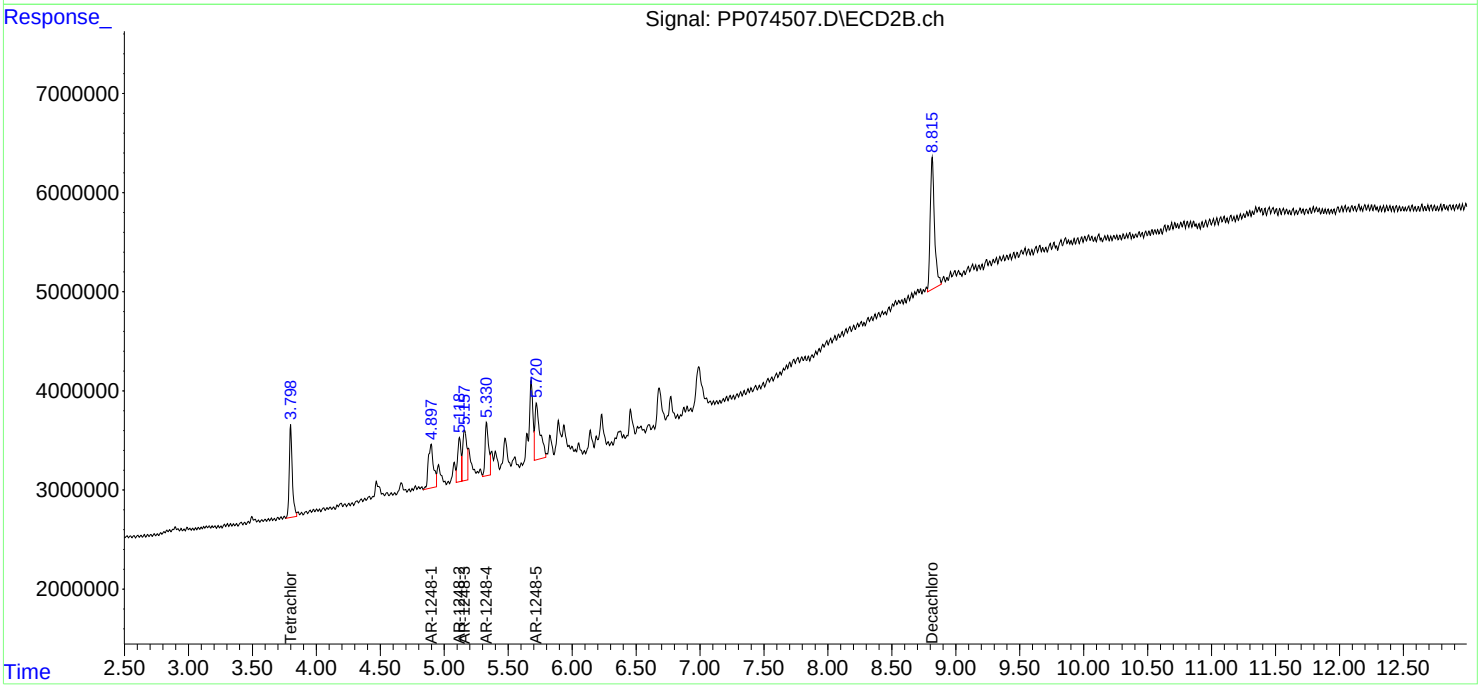
Manual Integrations APPROVED

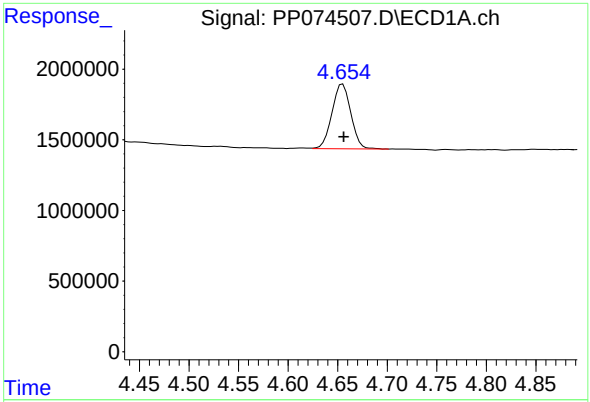
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 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







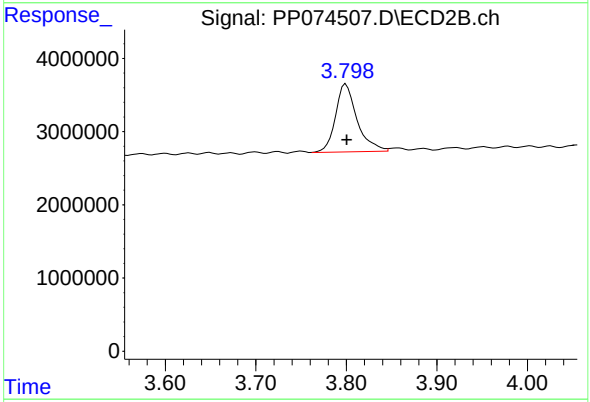
#1 Tetrachloro-m-xylene

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 6057310
Conc: 5.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

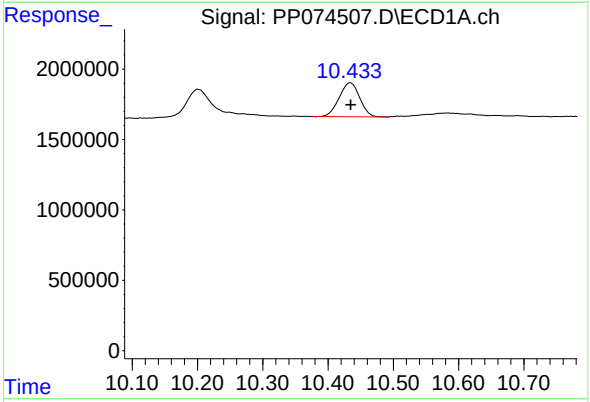
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



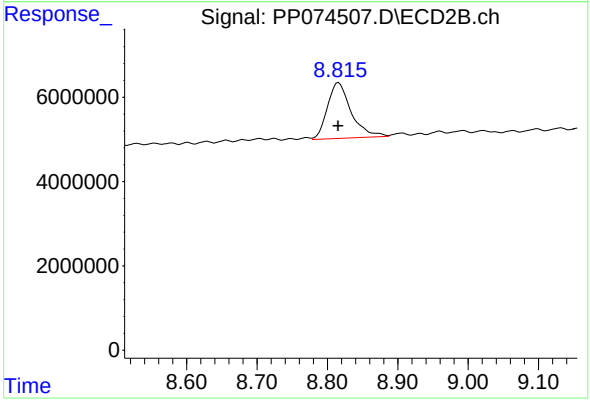
#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: -0.001 min
Response: 15338885
Conc: 3.12 ng/ml



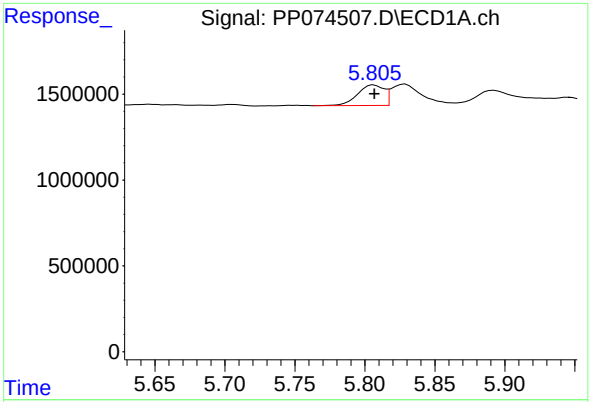
#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: 0.000 min
Response: 5286868
Conc: 4.94 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.816 min
Delta R.T.: 0.000 min
Response: 30885168
Conc: 3.94 ng/ml



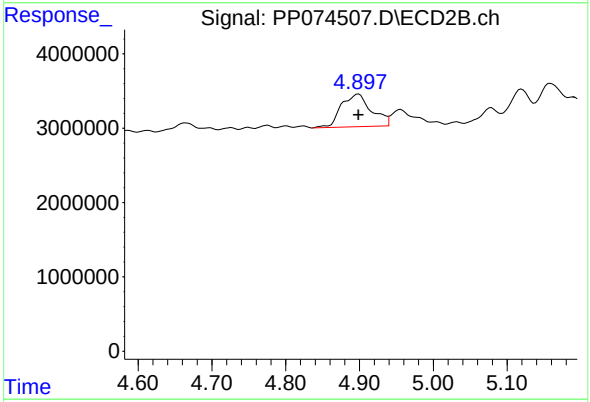
#21 AR-1248-1

R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 1548436
Conc: 50.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

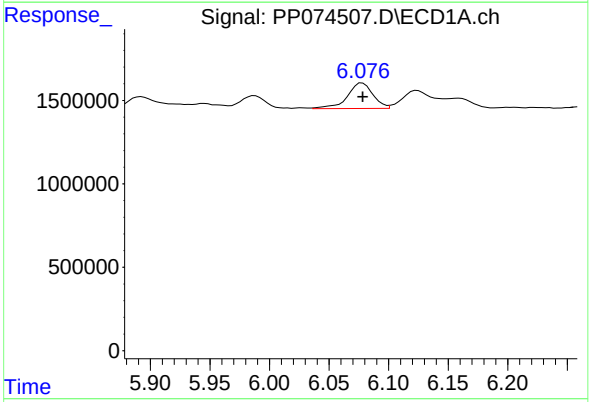
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



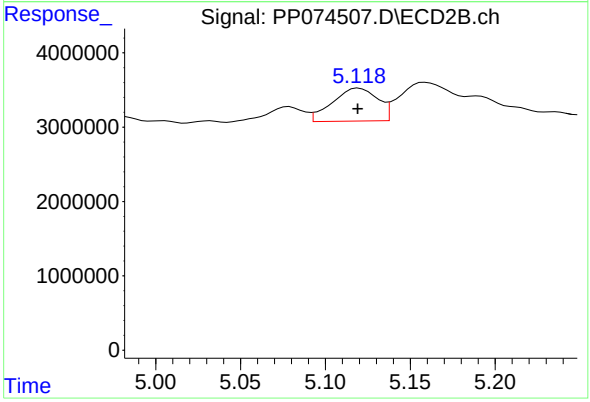
#21 AR-1248-1

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 12465555
Conc: 42.38 ng/ml



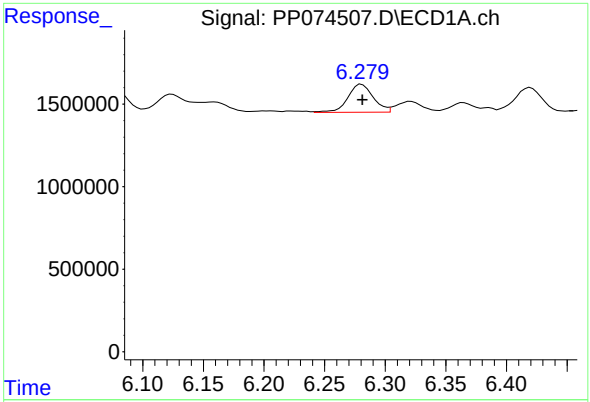
#22 AR-1248-2

R.T.: 6.076 min
Delta R.T.: -0.002 min
Response: 2299309
Conc: 53.21 ng/ml m



#22 AR-1248-2

R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 8175959
Conc: 44.39 ng/ml



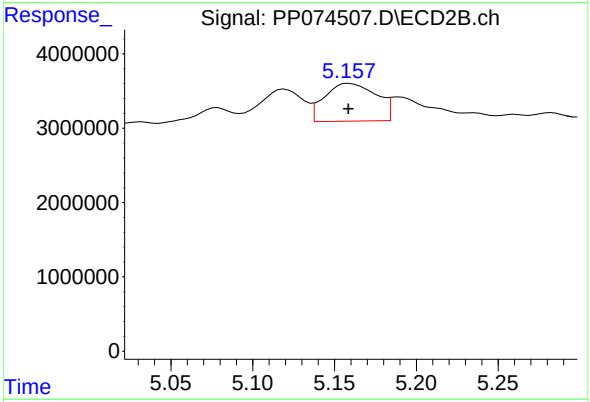
#23 AR-1248-3

R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 2475589
Conc: 52.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

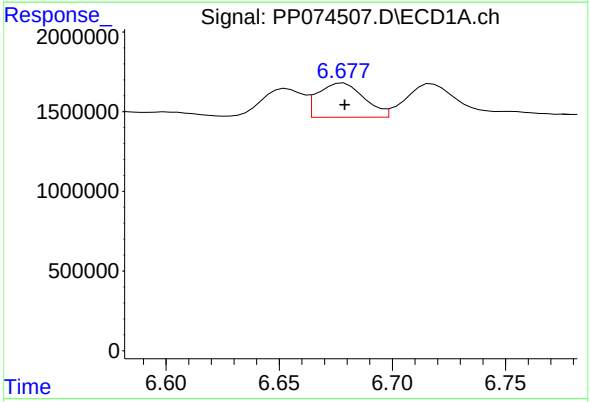
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



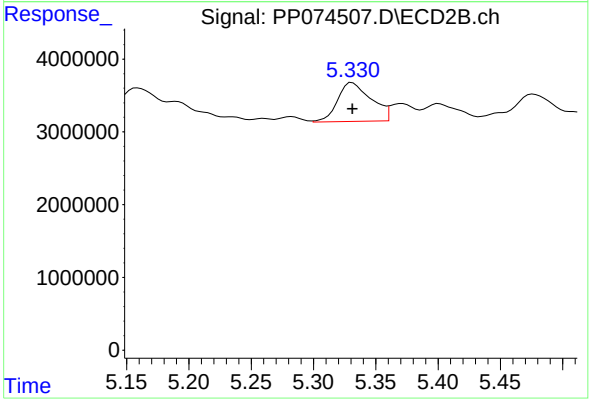
#23 AR-1248-3

R.T.: 5.159 min
Delta R.T.: 0.000 min
Response: 11167270
Conc: 49.06 ng/ml



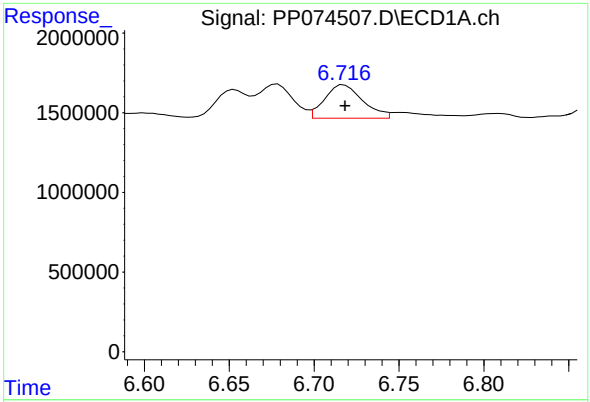
#24 AR-1248-4

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 3072323
Conc: 56.46 ng/ml



#24 AR-1248-4

R.T.: 5.331 min
Delta R.T.: 0.000 min
Response: 10019619
Conc: 43.64 ng/ml



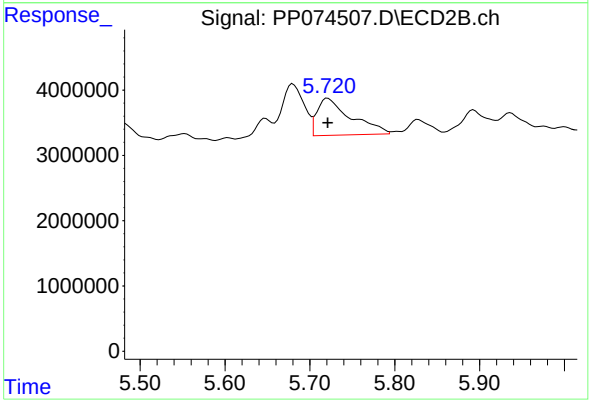
#25 AR-1248-5

R.T.: 6.716 min
Delta R.T.: -0.002 min
Response: 3213520
Conc: 59.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



#25 AR-1248-5

R.T.: 5.720 min
Delta R.T.: -0.001 min
Response: 15636577
Conc: 40.45 ng/ml m

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074508.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:37
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:32:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.659	3.803	107.5E6	508.3E6	90.613	102.092
2)	SA Decachlor...	10.437	8.817	95581017	757.0E6	91.315	99.926
	Target Compounds						
26)	L6 AR-1254-1	6.658	5.685	48507797	450.8E6	823.624m	912.704
27)	L6 AR-1254-2	6.875	5.832	68997007	327.6E6	867.960	937.272
28)	L6 AR-1254-3	7.237	6.235	75433146	632.2E6	882.576	952.736
29)	L6 AR-1254-4	7.518	6.462	56817907	465.7E6	882.596	941.555
30)	L6 AR-1254-5	7.935	6.877	71518563	494.0E6	880.319	989.665m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074508.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:37
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

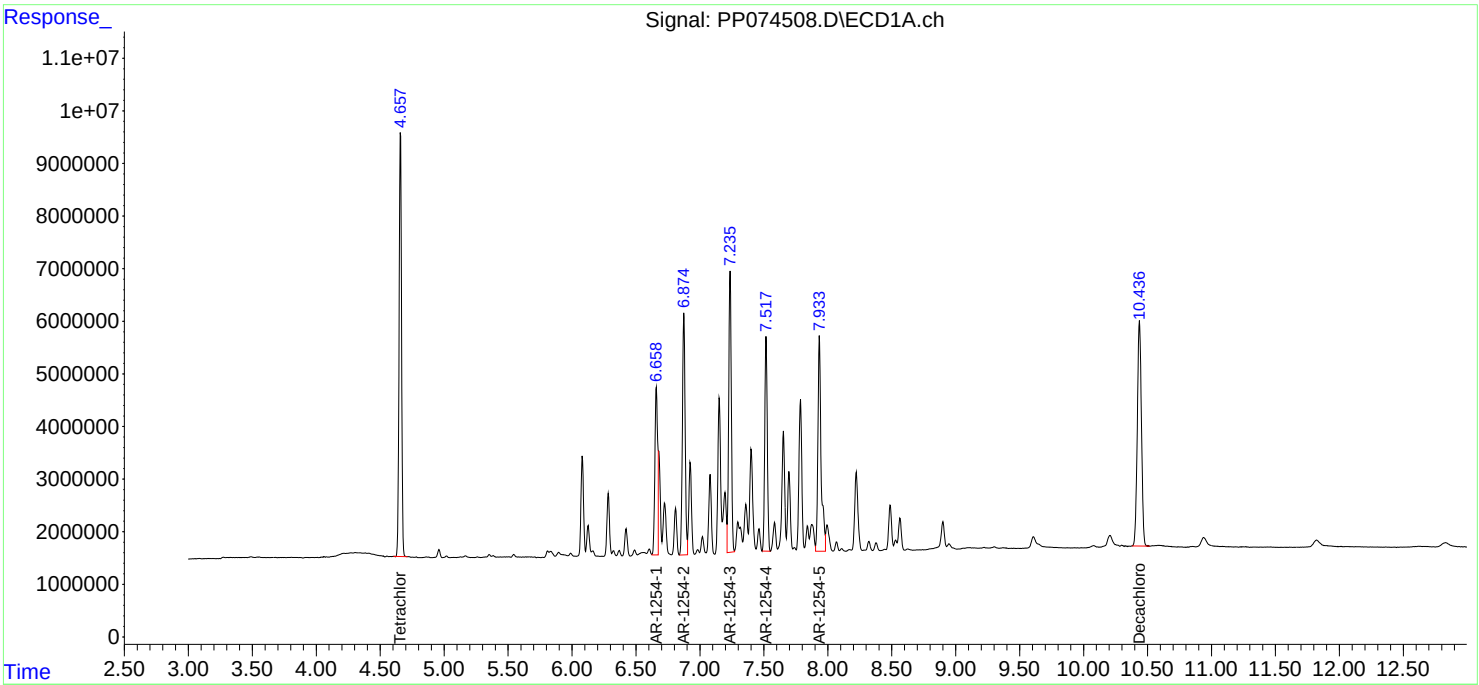
Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

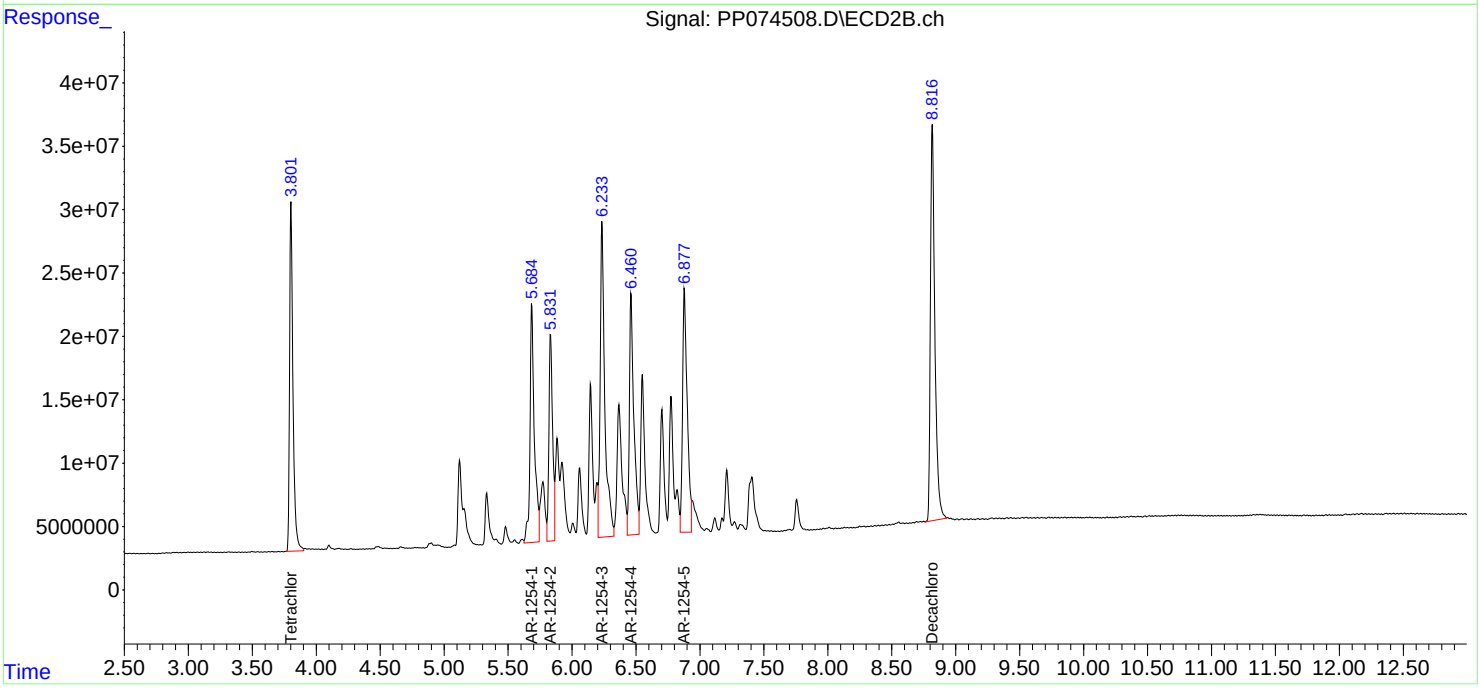
Manual Integrations APPROVED

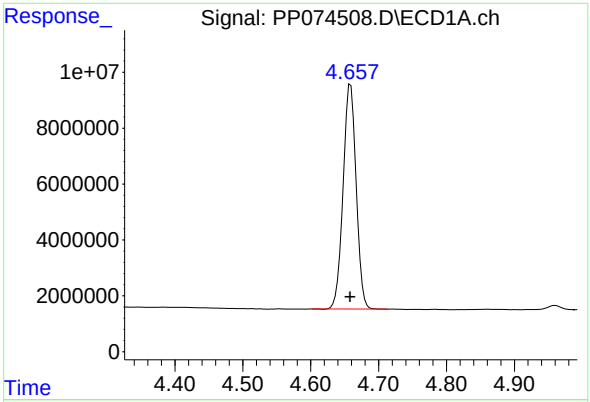
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:32:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







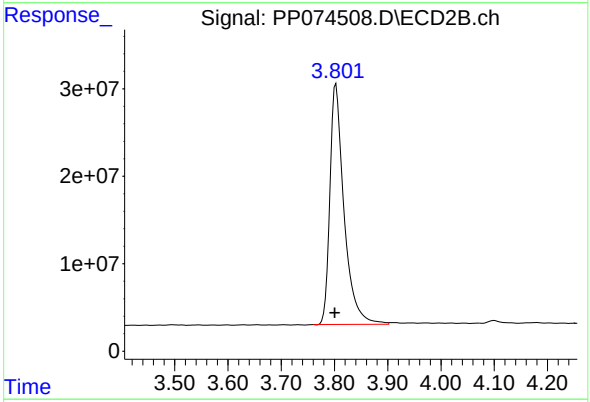
#1 Tetrachloro-m-xylene

R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 107489552
Conc: 90.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

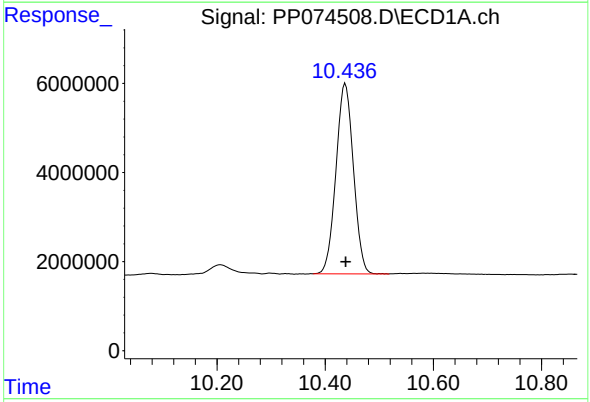
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



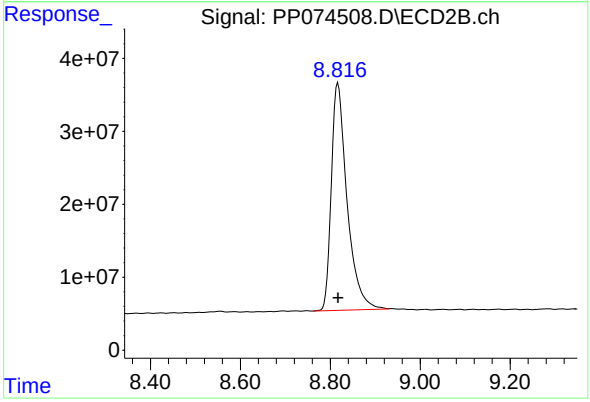
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.002 min
Response: 508319801
Conc: 102.09 ng/ml



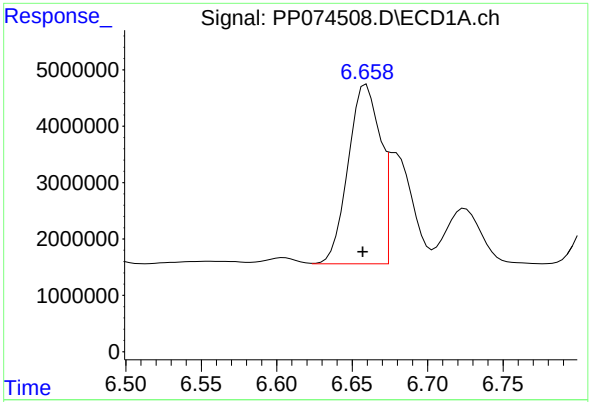
#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 95581017
Conc: 91.32 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.817 min
Delta R.T.: 0.000 min
Response: 757029286
Conc: 99.93 ng/ml



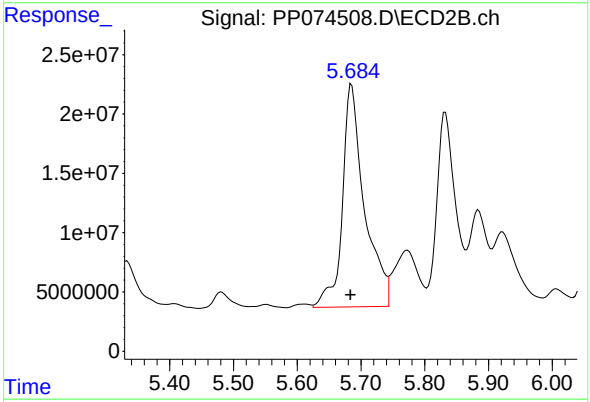
#26 AR-1254-1

R.T.: 6.658 min
Delta R.T.: 0.001 min
Response: 48507797
Conc: 823.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

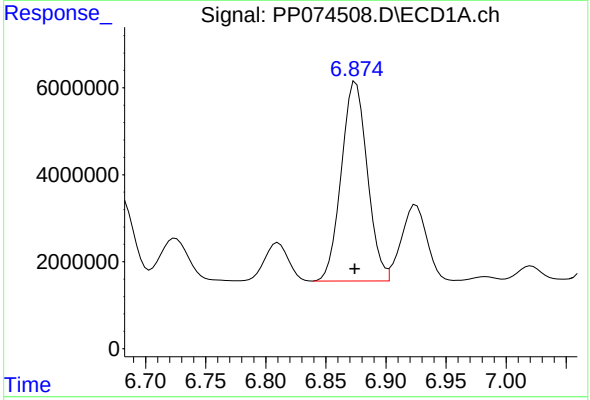
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



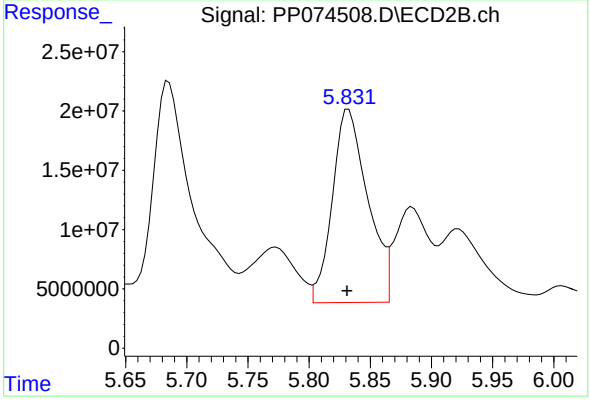
#26 AR-1254-1

R.T.: 5.685 min
Delta R.T.: 0.001 min
Response: 450774429
Conc: 912.70 ng/ml



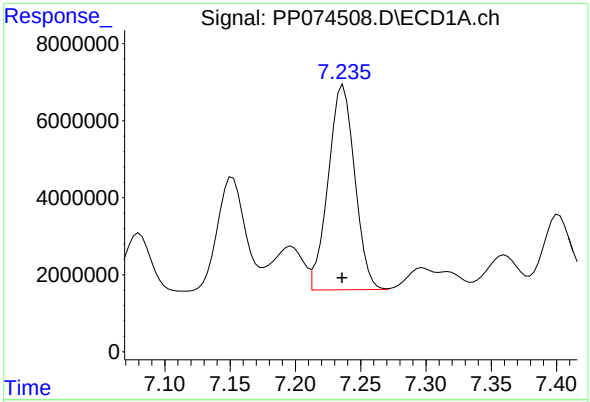
#27 AR-1254-2

R.T.: 6.875 min
Delta R.T.: 0.000 min
Response: 68997007
Conc: 867.96 ng/ml



#27 AR-1254-2

R.T.: 5.832 min
Delta R.T.: 0.001 min
Response: 327603431
Conc: 937.27 ng/ml



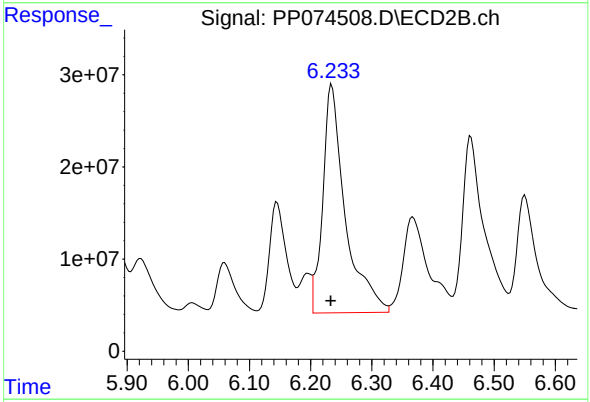
#28 AR-1254-3

R.T.: 7.237 min
Delta R.T.: 0.001 min
Response: 75433146
Conc: 882.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

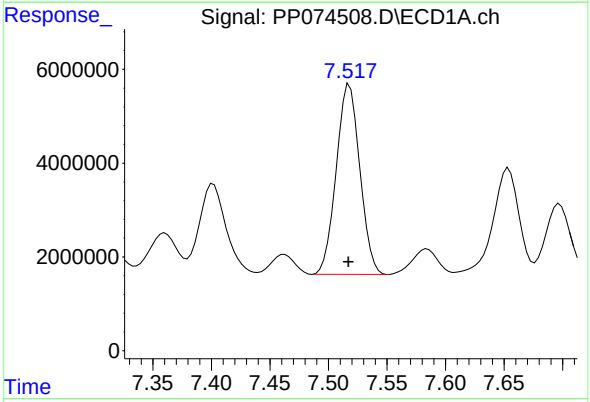
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



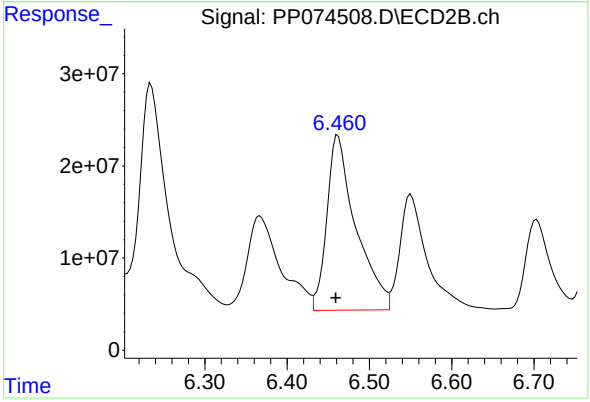
#28 AR-1254-3

R.T.: 6.235 min
Delta R.T.: 0.001 min
Response: 632195702
Conc: 952.74 ng/ml



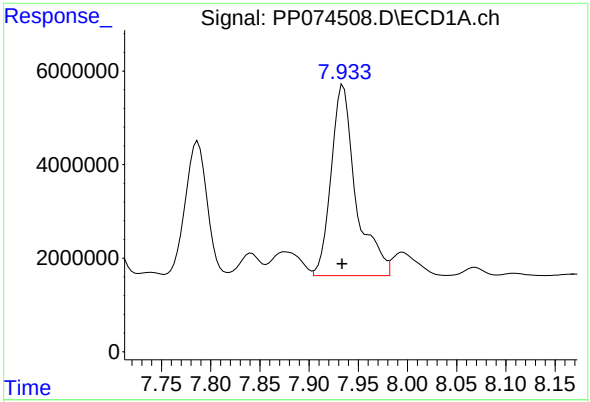
#29 AR-1254-4

R.T.: 7.518 min
Delta R.T.: 0.000 min
Response: 56817907
Conc: 882.60 ng/ml



#29 AR-1254-4

R.T.: 6.462 min
Delta R.T.: 0.003 min
Response: 465715221
Conc: 941.55 ng/ml



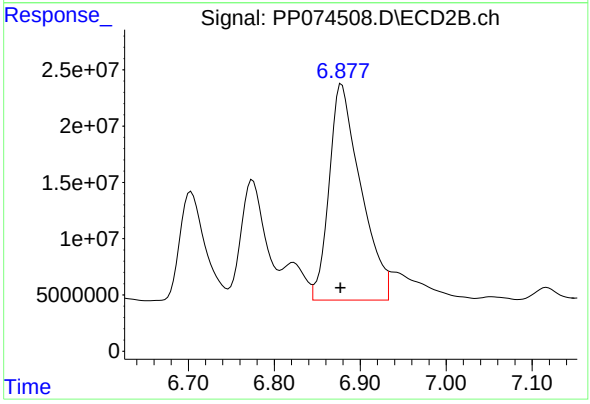
#30 AR-1254-5

R.T.: 7.935 min
Delta R.T.: 0.000 min
Response: 71518563
Conc: 880.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



#30 AR-1254-5

R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 494049062
Conc: 989.66 ng/ml m

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074509.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:53
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:24:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.657	3.801	84355338	368.0E6	71.111	73.905
2)	SA Decachlor...	10.435	8.816	73886975	571.7E6	70.589	75.465
	Target Compounds						
26)	L6 AR-1254-1	6.655	5.683	40199220	345.4E6	682.551m	699.283
27)	L6 AR-1254-2	6.873	5.830	55301971	262.7E6	695.681	751.609
28)	L6 AR-1254-3	7.235	6.232	60201798	489.0E6	704.368	736.926
29)	L6 AR-1254-4	7.516	6.459	45192418	356.9E6	702.008	721.543
30)	L6 AR-1254-5	7.932	6.874	57258258	388.6E6	704.789	778.375m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074509.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:53
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

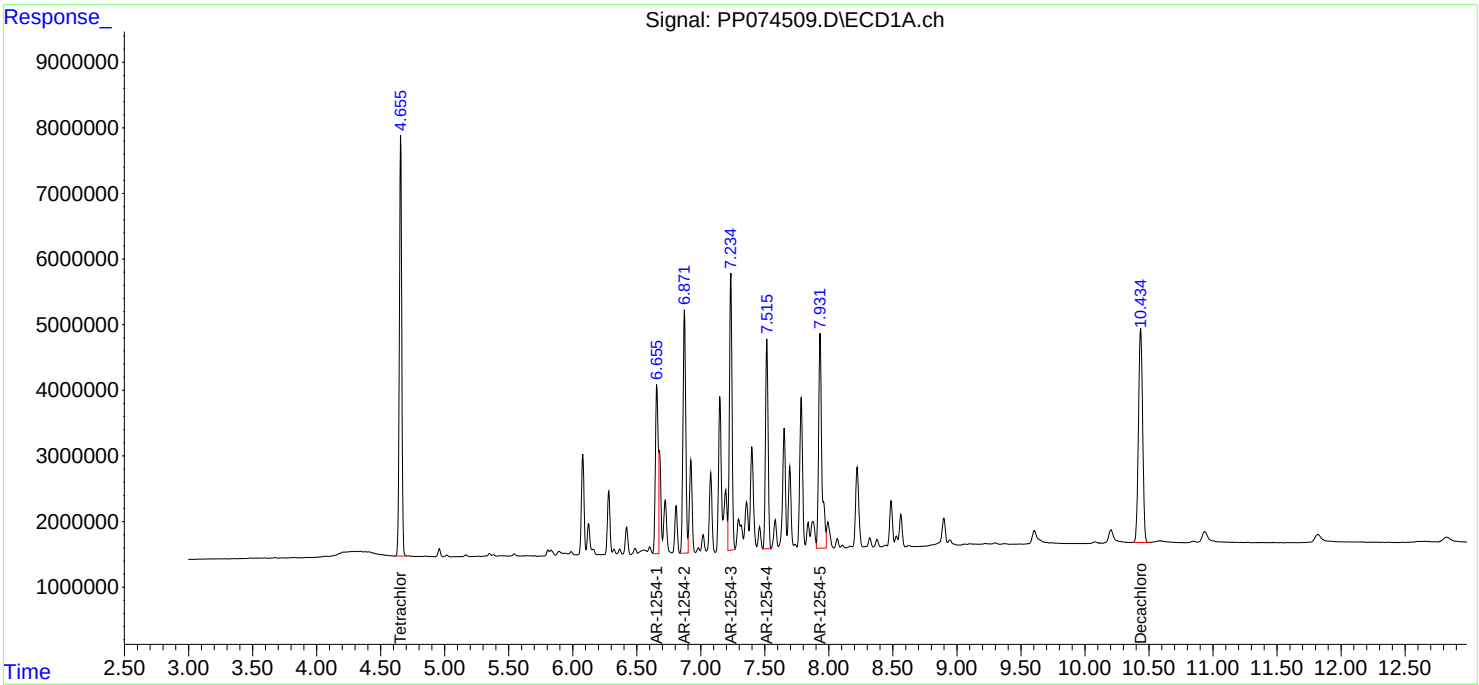
Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

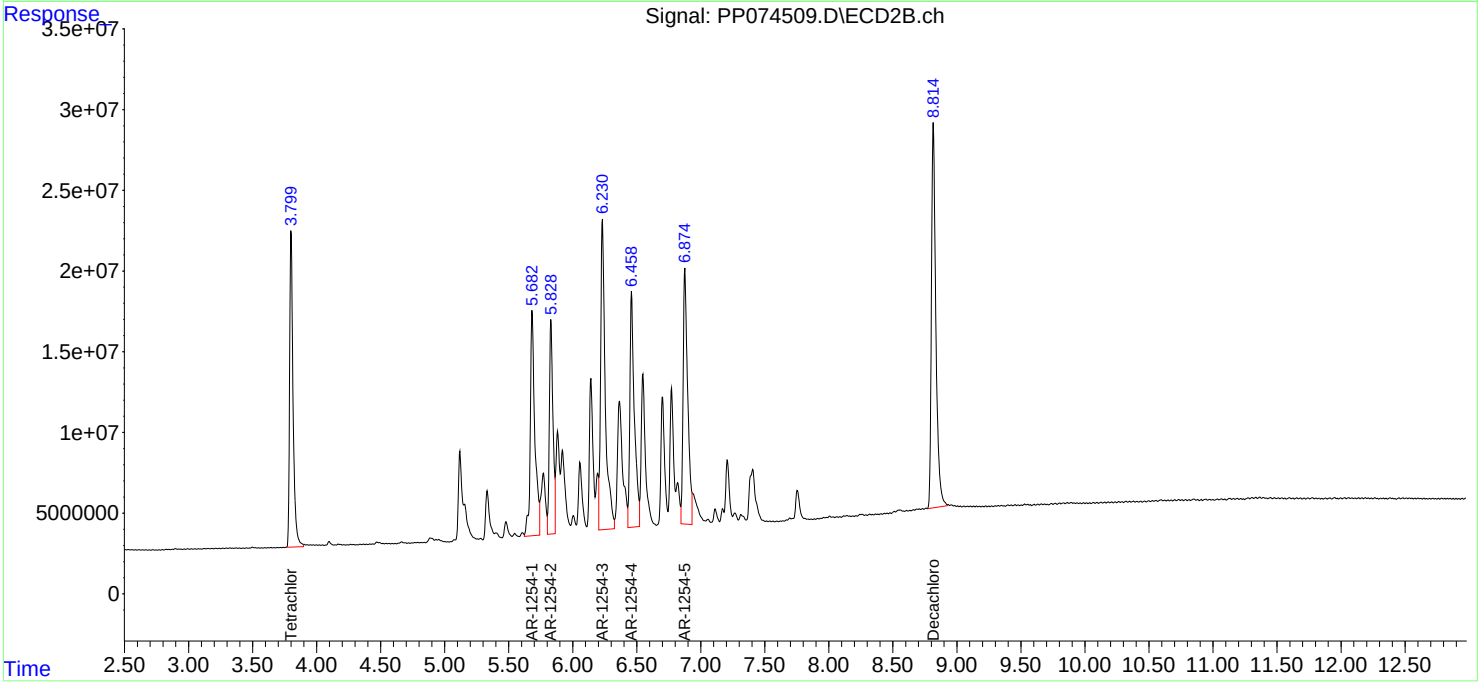
Manual Integrations APPROVED

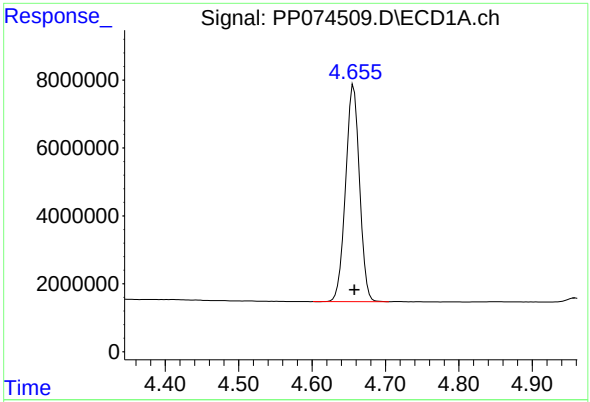
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:24:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







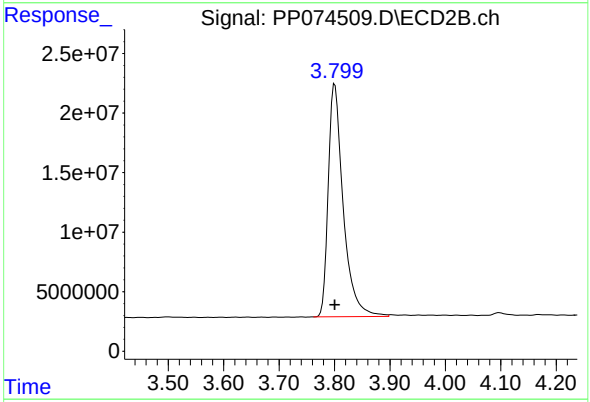
#1 Tetrachloro-m-xylene

R.T.: 4.657 min
Delta R.T.: -0.001 min
Response: 84355338
Conc: 71.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

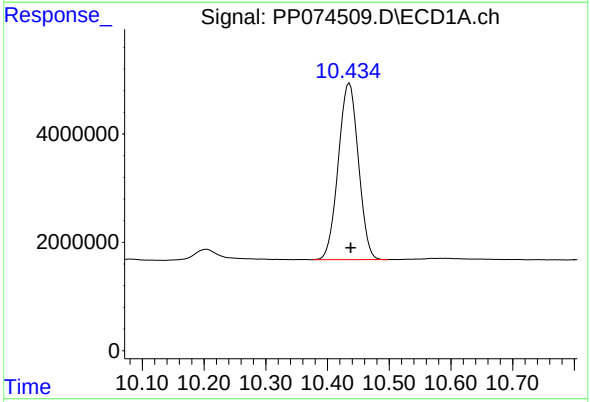
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



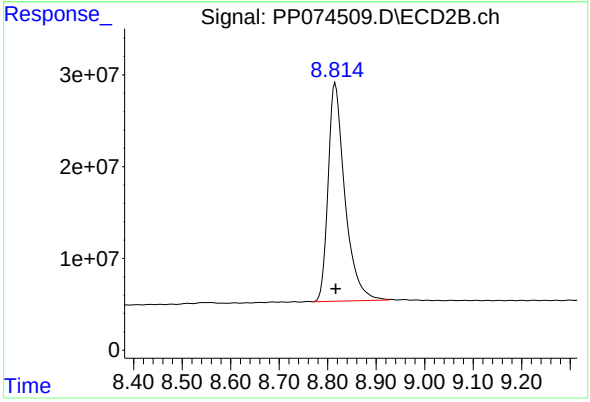
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 367974801
Conc: 73.90 ng/ml



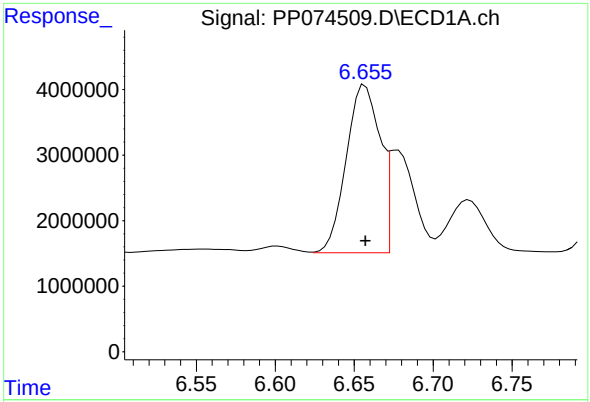
#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: -0.003 min
Response: 73886975
Conc: 70.59 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.816 min
Delta R.T.: -0.001 min
Response: 571714548
Conc: 75.47 ng/ml



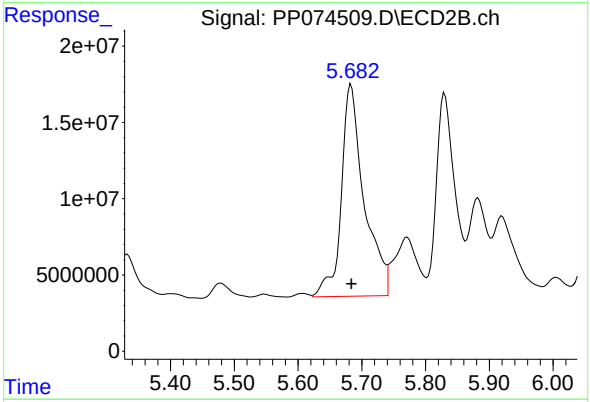
#26 AR-1254-1

R.T.: 6.655 min
Delta R.T.: -0.002 min
Response: 40199220
Conc: 682.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

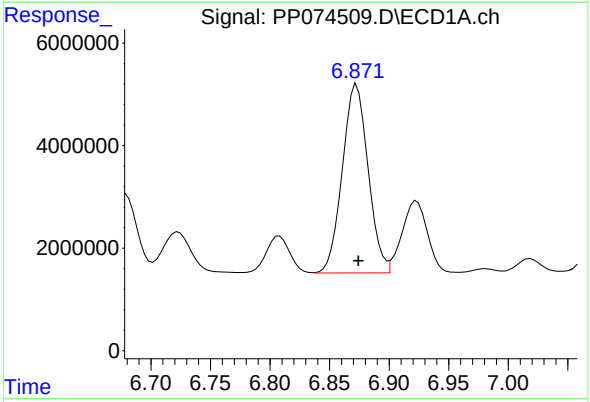
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



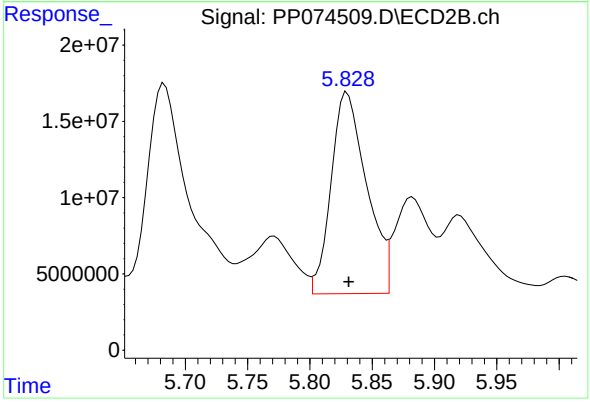
#26 AR-1254-1

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 345368367
Conc: 699.28 ng/ml



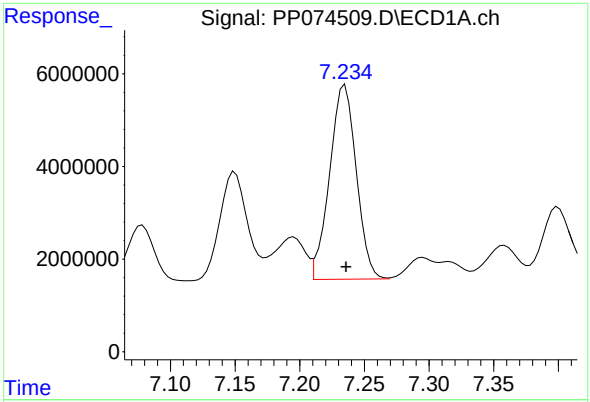
#27 AR-1254-2

R.T.: 6.873 min
Delta R.T.: -0.001 min
Response: 55301971
Conc: 695.68 ng/ml



#27 AR-1254-2

R.T.: 5.830 min
Delta R.T.: -0.001 min
Response: 262709061
Conc: 751.61 ng/ml



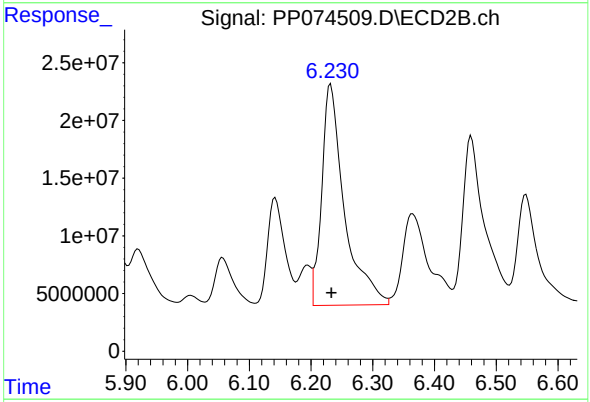
#28 AR-1254-3

R.T.: 7.235 min
Delta R.T.: 0.000 min
Response: 60201798
Conc: 704.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

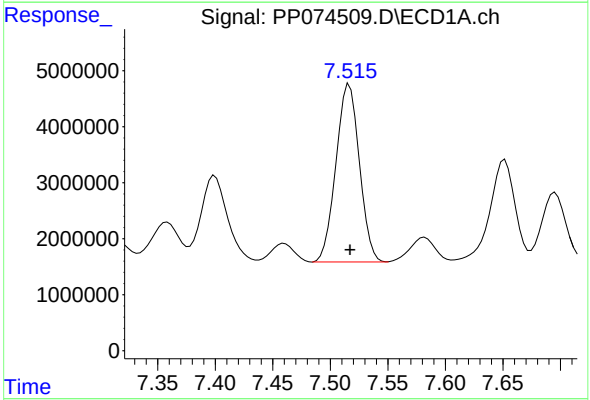
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



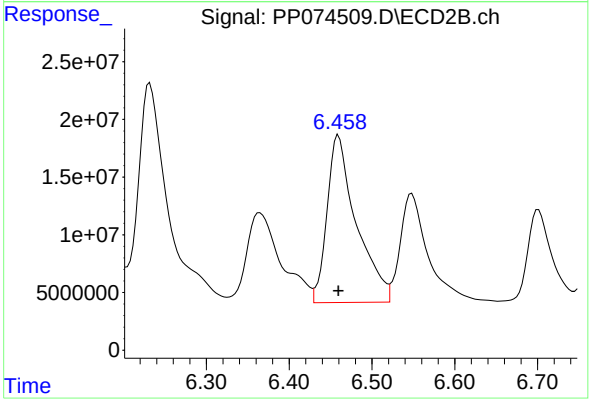
#28 AR-1254-3

R.T.: 6.232 min
Delta R.T.: -0.002 min
Response: 488993494
Conc: 736.93 ng/ml



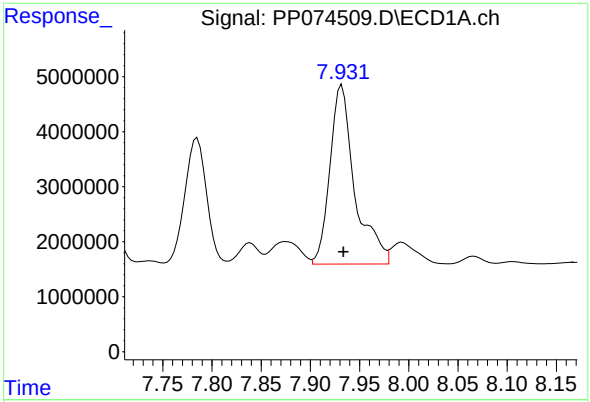
#29 AR-1254-4

R.T.: 7.516 min
Delta R.T.: 0.000 min
Response: 45192418
Conc: 702.01 ng/ml



#29 AR-1254-4

R.T.: 6.459 min
Delta R.T.: 0.000 min
Response: 356892319
Conc: 721.54 ng/ml



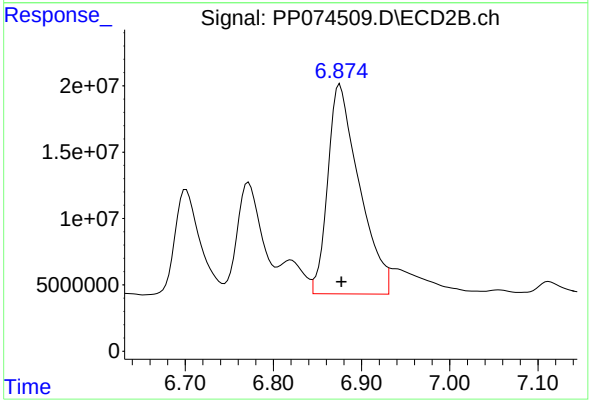
#30 AR-1254-5

R.T.: 7.932 min
Delta R.T.: -0.002 min
Response: 57258258
Conc: 704.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



#30 AR-1254-5

R.T.: 6.874 min
Delta R.T.: -0.003 min
Response: 388571338
Conc: 778.37 ng/ml m

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074510.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 15:10
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:24:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.658	3.801	59312230	249.0E6	50.000	50.000
2)	SA Decachlor...	10.438	8.817	52335799	378.8E6	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	6.657	5.684	28511206	246.9E6	484.098m	500.000
27)	L6 AR-1254-2	6.874	5.831	39746657	174.8E6	500.000	500.000
28)	L6 AR-1254-3	7.236	6.233	42734643	331.8E6	500.000	500.000
29)	L6 AR-1254-4	7.517	6.459	32187957	247.3E6	500.000	500.000
30)	L6 AR-1254-5	7.934	6.877	40620840	249.6E6	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\PP081925\
Data File : PP074510.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 15:10
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

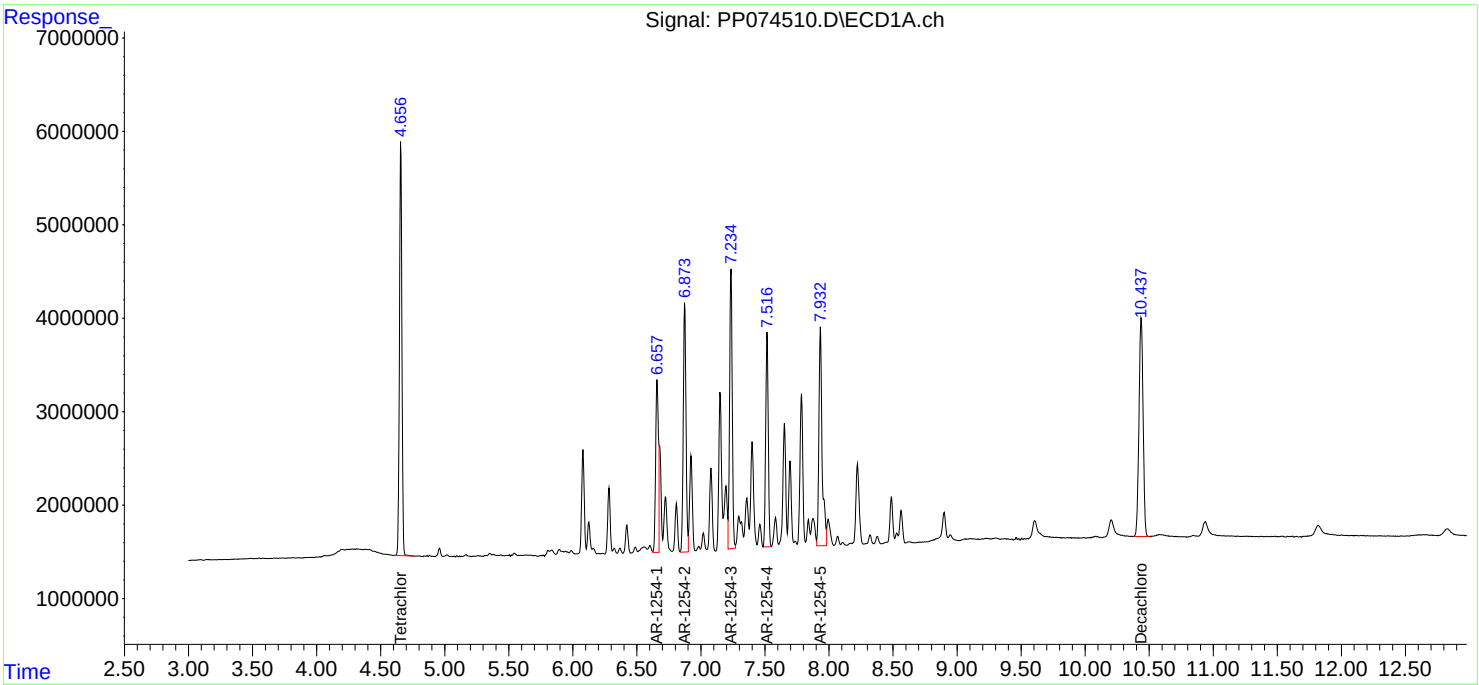
Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

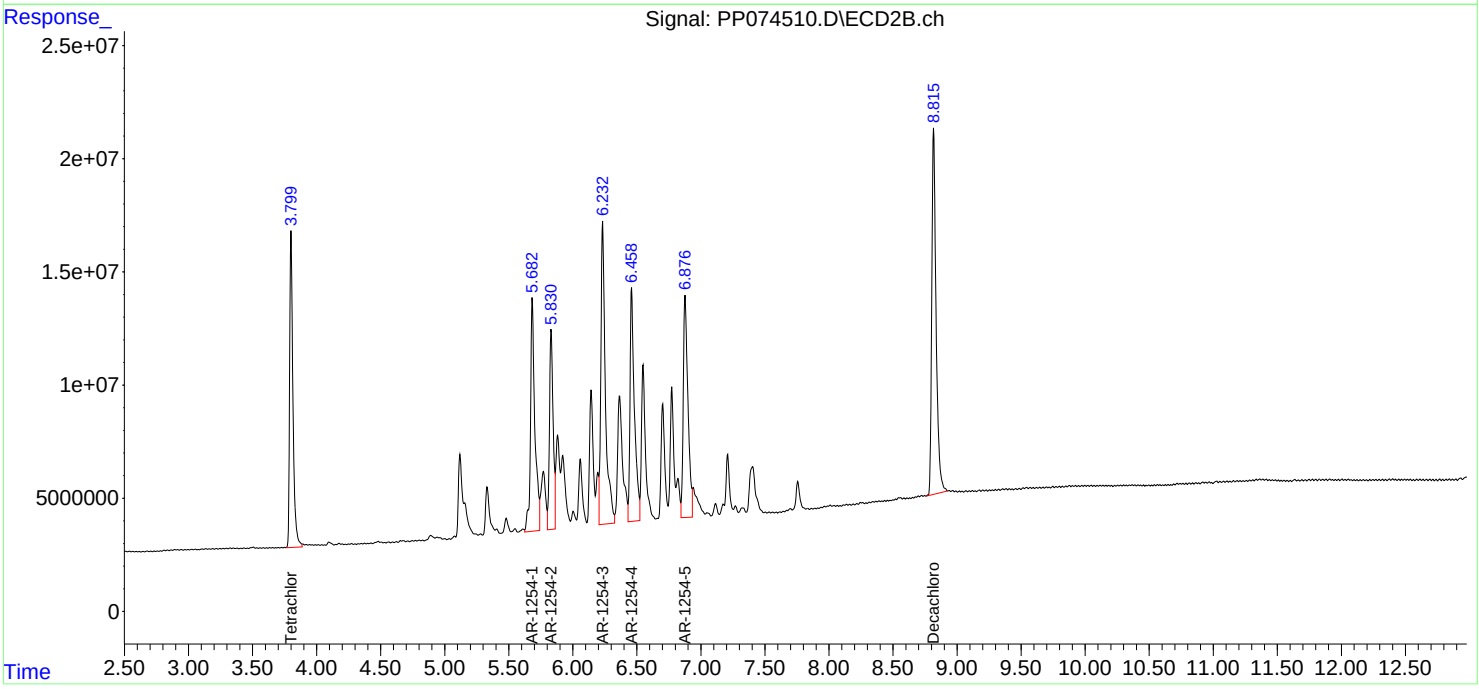
Manual Integrations APPROVED

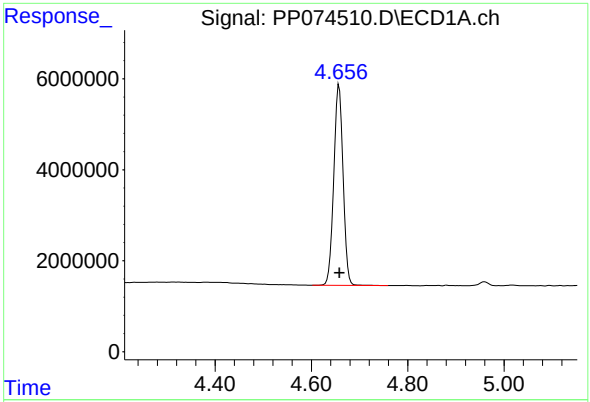
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:24:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







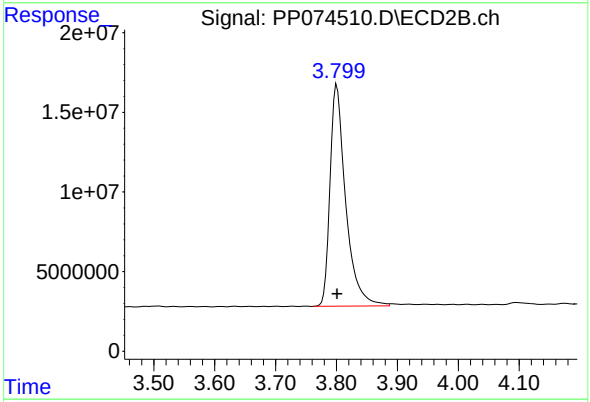
#1 Tetrachloro-m-xylene

R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 59312230
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

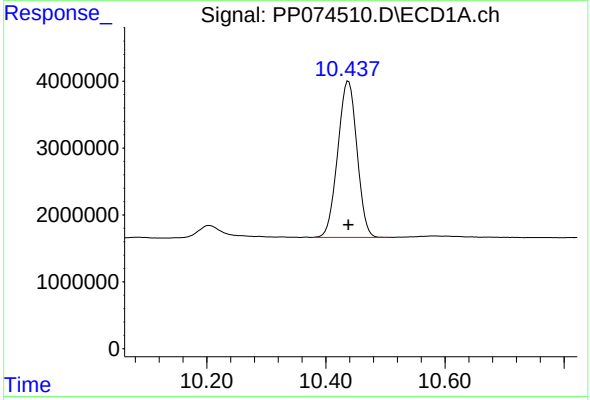
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



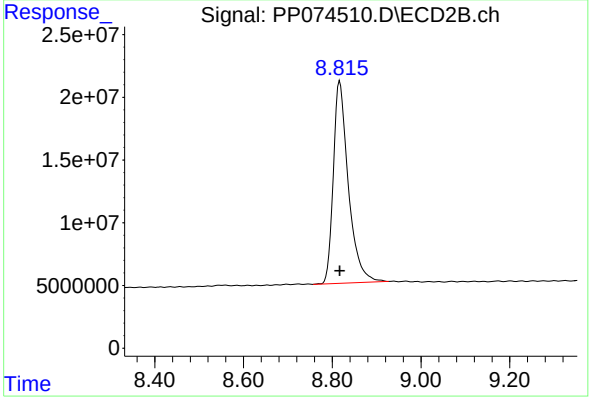
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 248951660
Conc: 50.00 ng/ml



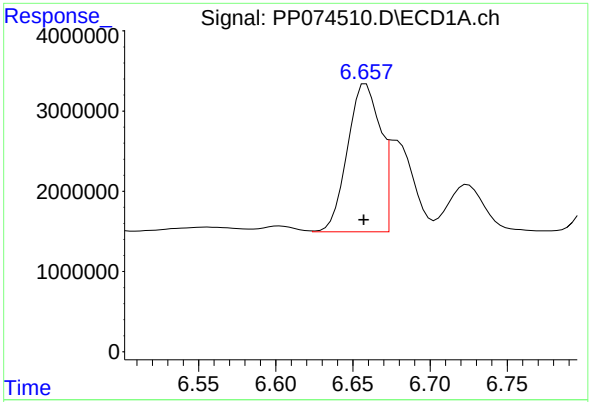
#2 Decachlorobiphenyl

R.T.: 10.438 min
Delta R.T.: 0.000 min
Response: 52335799
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.817 min
Delta R.T.: 0.000 min
Response: 378794188
Conc: 50.00 ng/ml



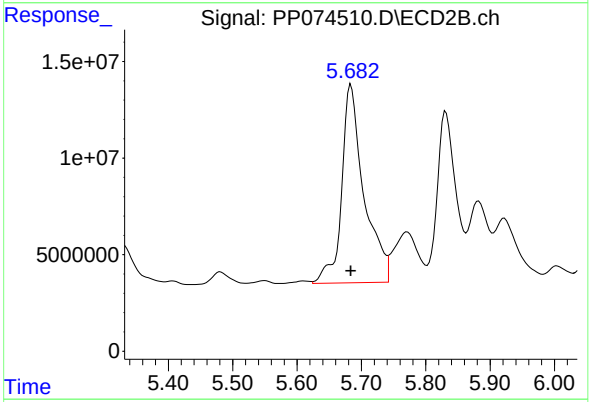
#26 AR-1254-1

R.T.: 6.657 min
Delta R.T.: 0.000 min
Response: 28511206
Conc: 484.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

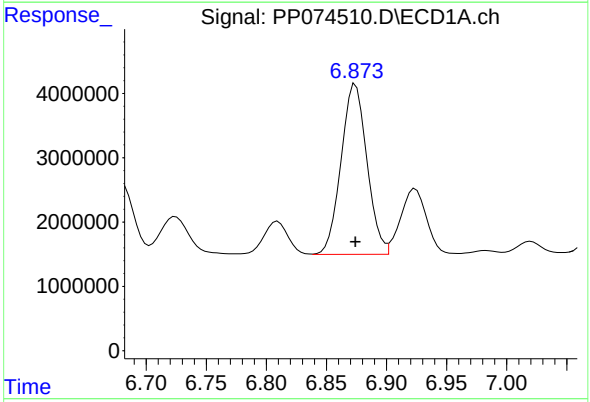
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



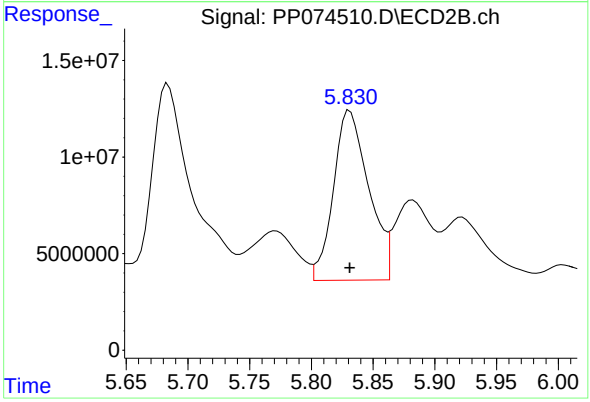
#26 AR-1254-1

R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 246944521
Conc: 500.00 ng/ml



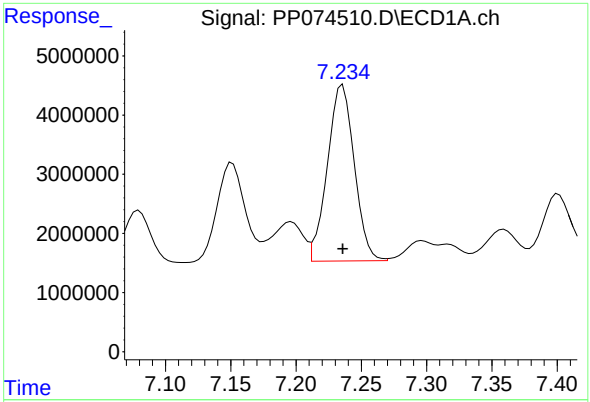
#27 AR-1254-2

R.T.: 6.874 min
Delta R.T.: 0.000 min
Response: 39746657
Conc: 500.00 ng/ml



#27 AR-1254-2

R.T.: 5.831 min
Delta R.T.: 0.000 min
Response: 174764355
Conc: 500.00 ng/ml



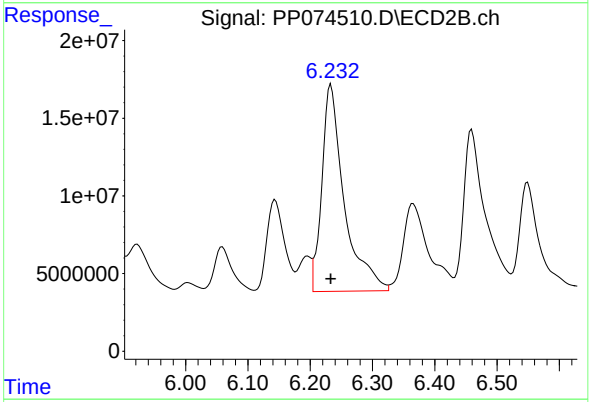
#28 AR-1254-3

R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 42734643
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

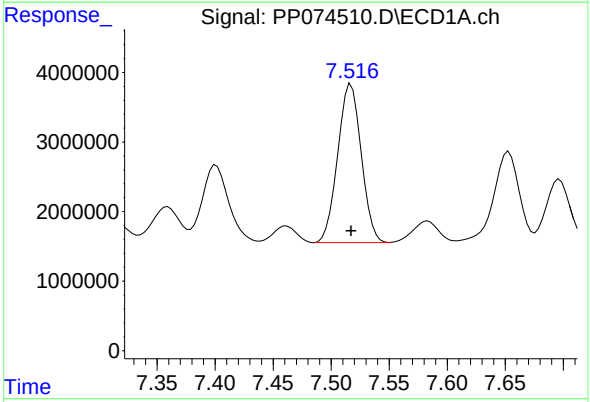
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



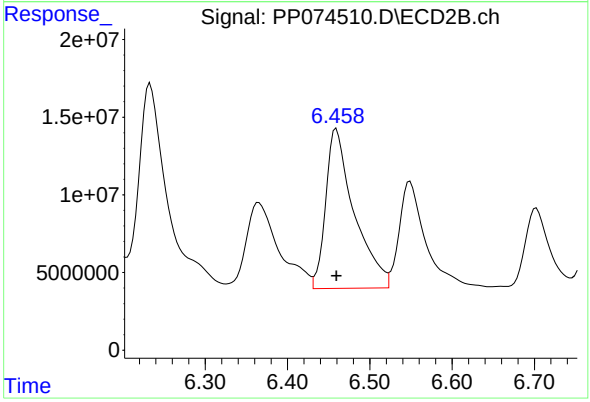
#28 AR-1254-3

R.T.: 6.233 min
Delta R.T.: 0.000 min
Response: 331779068
Conc: 500.00 ng/ml



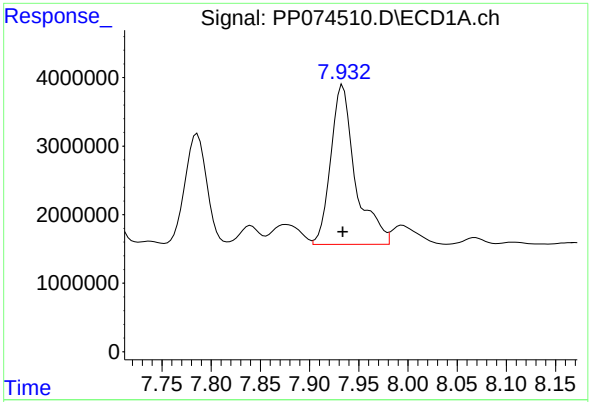
#29 AR-1254-4

R.T.: 7.517 min
Delta R.T.: 0.000 min
Response: 32187957
Conc: 500.00 ng/ml



#29 AR-1254-4

R.T.: 6.459 min
Delta R.T.: 0.000 min
Response: 247311763
Conc: 500.00 ng/ml



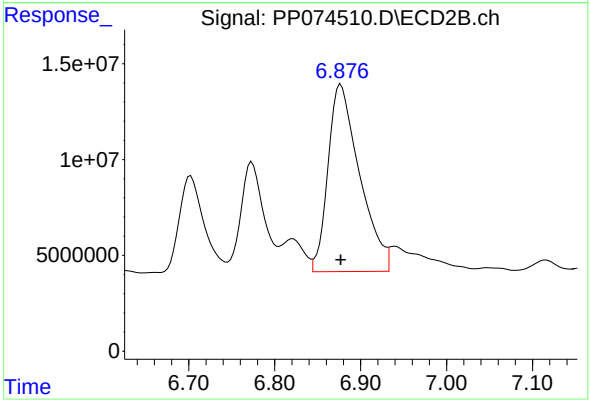
#30 AR-1254-5

R.T.: 7.934 min
Delta R.T.: 0.000 min
Response: 40620840
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



#30 AR-1254-5

R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 249604262
Conc: 500.00 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074511.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 15:42
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:24:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.657	3.800	31994256	115.5E6	26.971	23.196
2)	SA Decachlor...	10.435	8.815	28652955	191.8E6	27.374	25.314
	Target Compounds						
26)	L6 AR-1254-1	6.655	5.683	15890216	119.9E6	269.803m	242.811
27)	L6 AR-1254-2	6.873	5.829	22034196	89396429	277.183	255.763
28)	L6 AR-1254-3	7.234	6.233	23677562	156.6E6	277.030	235.946
29)	L6 AR-1254-4	7.516	6.458	17794501	118.2E6	276.416	238.941
30)	L6 AR-1254-5	7.932	6.875	22325080	128.4E6	274.798	257.251

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074511.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 15:42
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

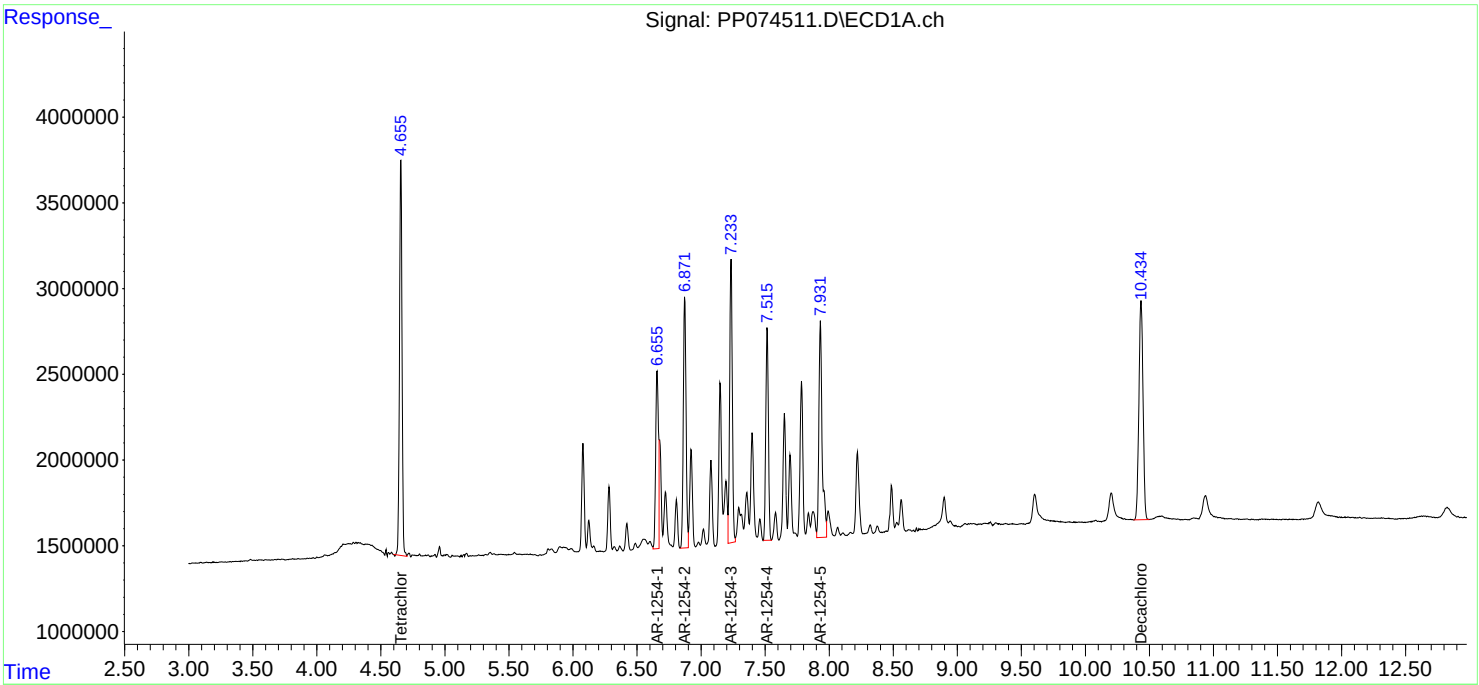
Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

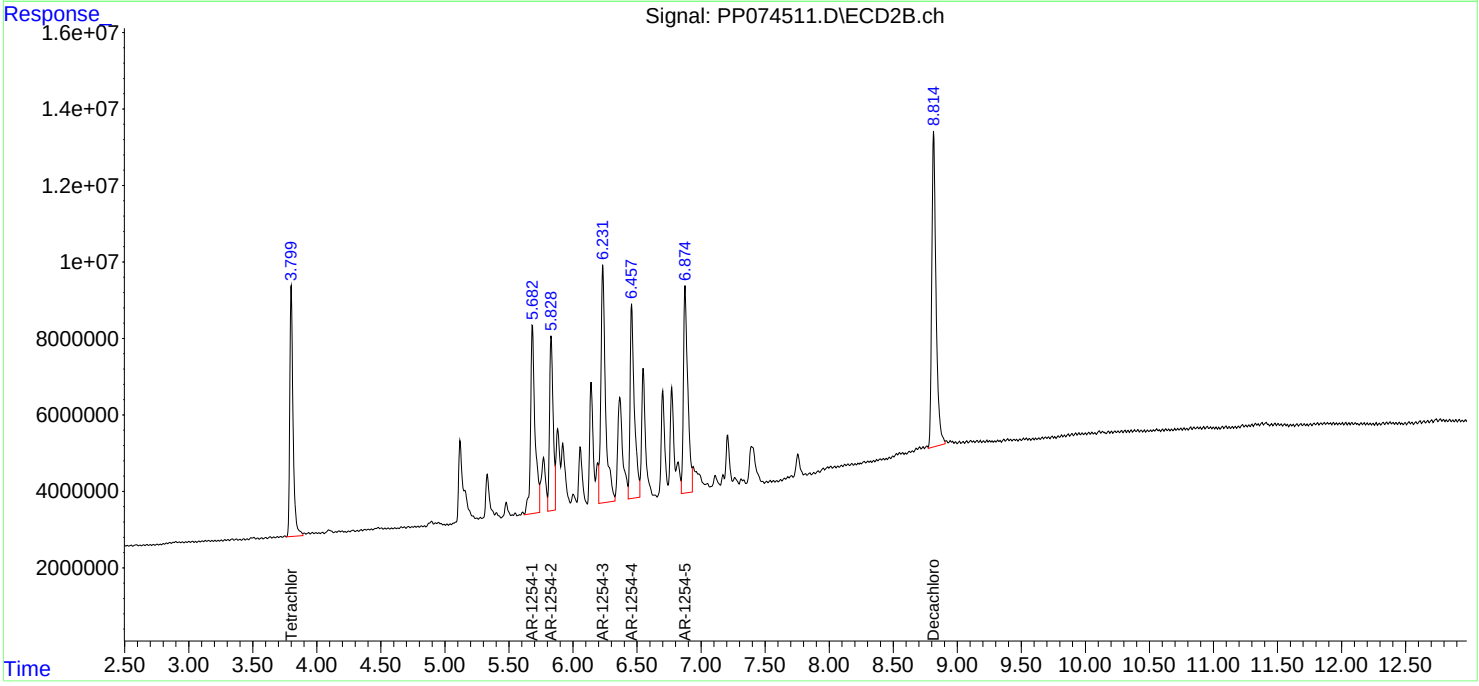
Manual Integrations APPROVED

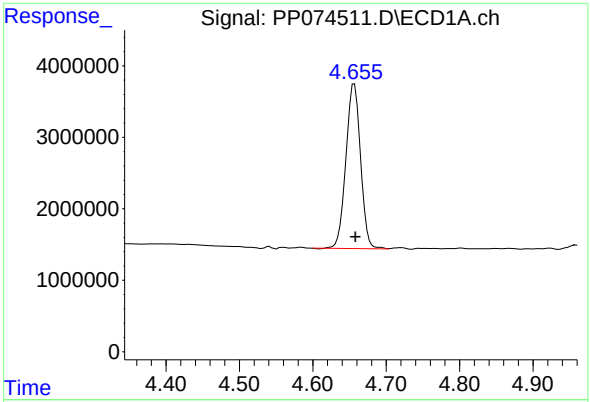
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:24:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







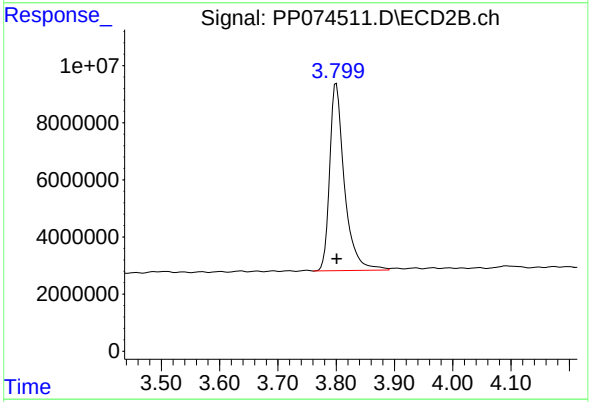
#1 Tetrachloro-m-xylene

R.T.: 4.657 min
Delta R.T.: -0.001 min
Response: 31994256
Conc: 26.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

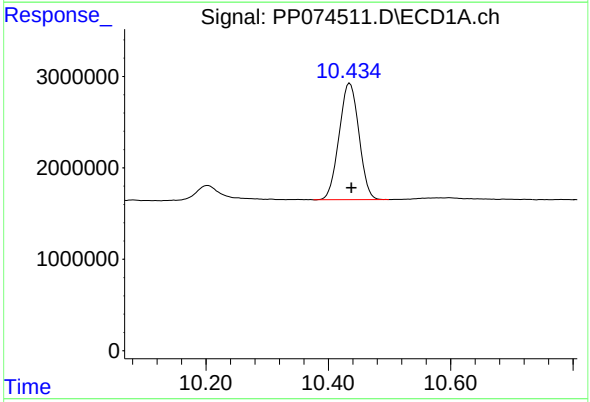
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



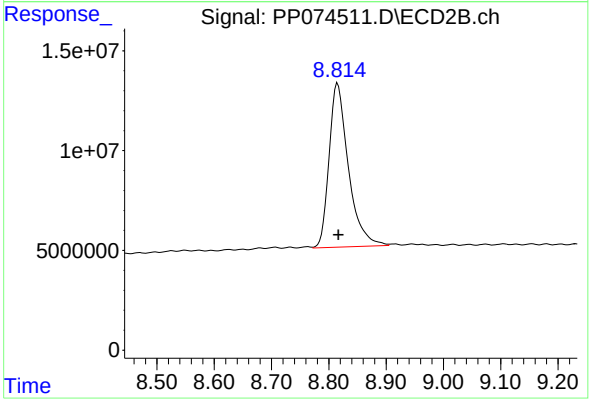
#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 115494066
Conc: 23.20 ng/ml



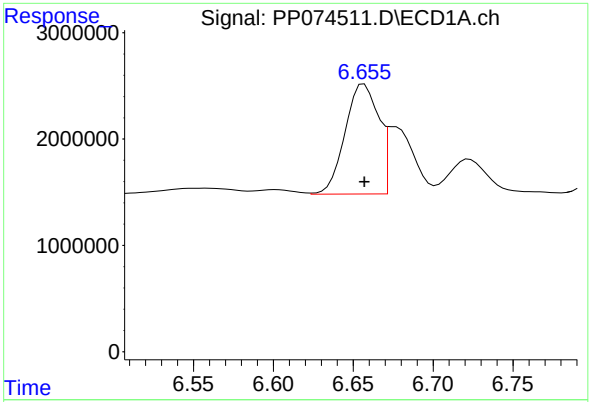
#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: -0.003 min
Response: 28652955
Conc: 27.37 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.815 min
Delta R.T.: -0.002 min
Response: 191779450
Conc: 25.31 ng/ml



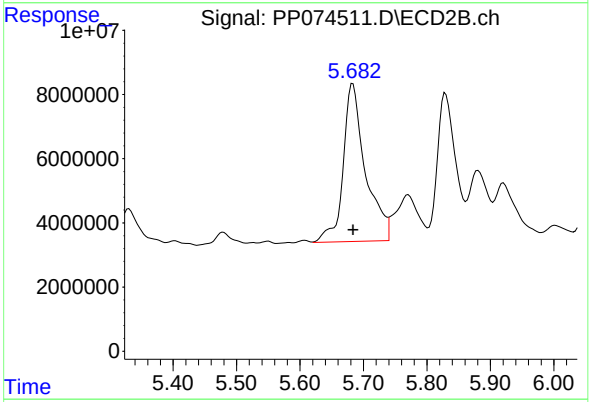
#26 AR-1254-1

R.T.: 6.655 min
Delta R.T.: -0.002 min
Response: 15890216
Conc: 269.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

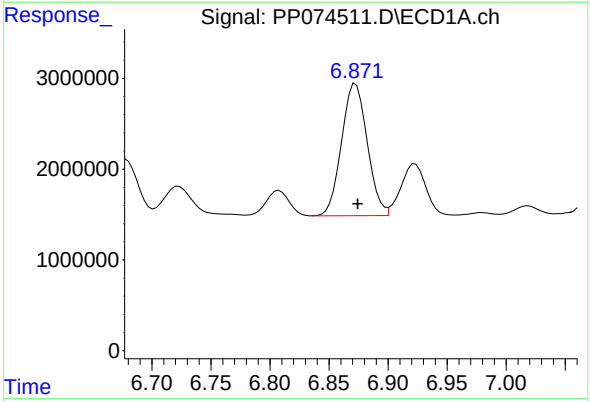
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



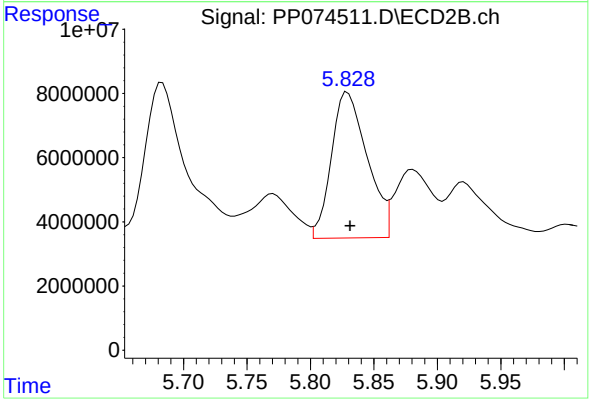
#26 AR-1254-1

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 119921848
Conc: 242.81 ng/ml



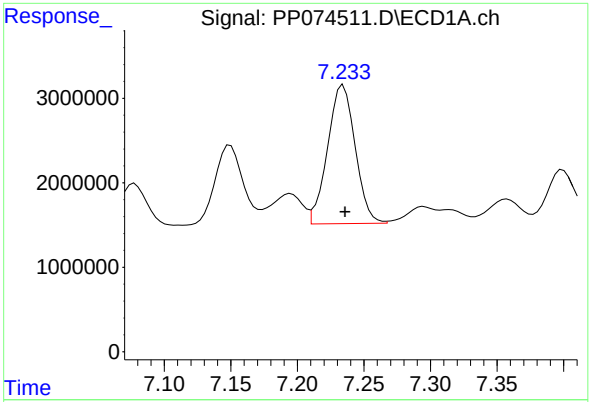
#27 AR-1254-2

R.T.: 6.873 min
Delta R.T.: -0.002 min
Response: 22034196
Conc: 277.18 ng/ml



#27 AR-1254-2

R.T.: 5.829 min
Delta R.T.: -0.002 min
Response: 89396429
Conc: 255.76 ng/ml



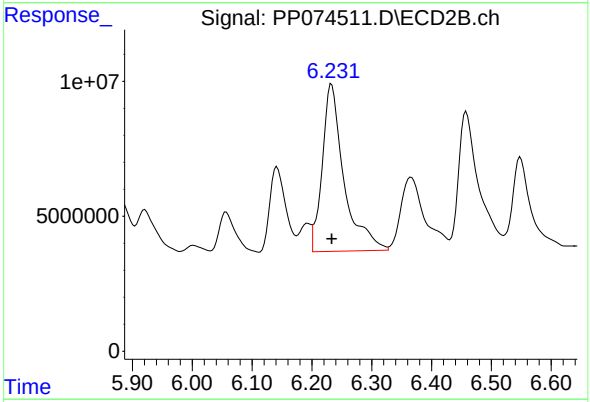
#28 AR-1254-3

R.T.: 7.234 min
Delta R.T.: -0.001 min
Response: 23677562
Conc: 277.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

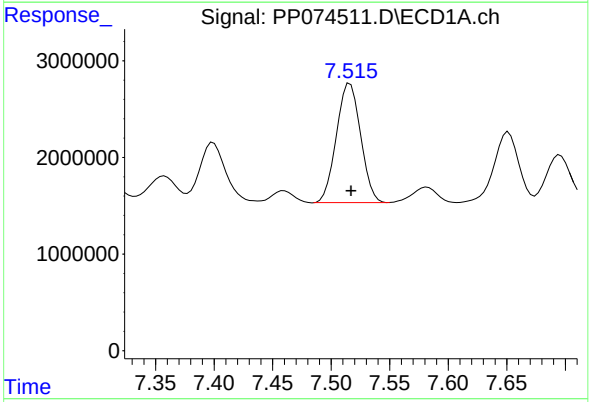
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



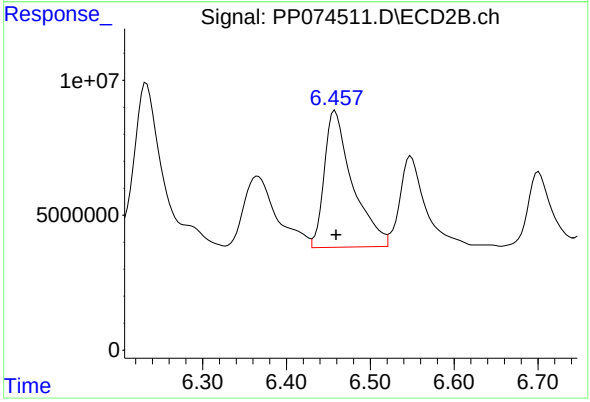
#28 AR-1254-3

R.T.: 6.233 min
Delta R.T.: 0.000 min
Response: 156563611
Conc: 235.95 ng/ml



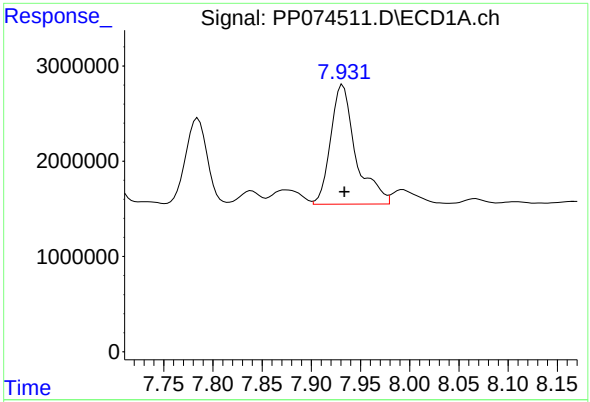
#29 AR-1254-4

R.T.: 7.516 min
Delta R.T.: -0.001 min
Response: 17794501
Conc: 276.42 ng/ml



#29 AR-1254-4

R.T.: 6.458 min
Delta R.T.: -0.001 min
Response: 118185848
Conc: 238.94 ng/ml



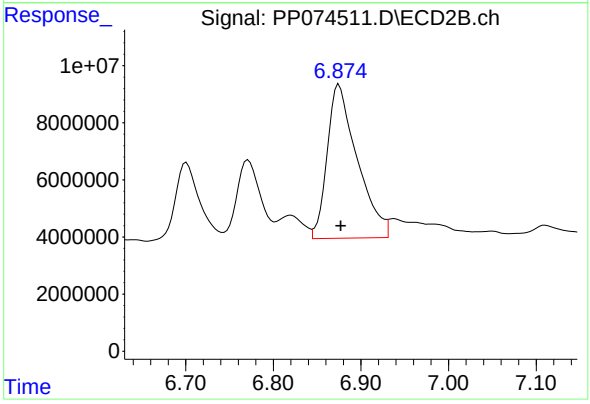
#30 AR-1254-5

R.T.: 7.932 min
Delta R.T.: -0.002 min
Response: 22325080
Conc: 274.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



#30 AR-1254-5

R.T.: 6.875 min
Delta R.T.: -0.002 min
Response: 128421857
Conc: 257.25 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074512.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 15:58
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:25:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.655	3.799	6824177	16356890	5.753	3.285	#
2)	SA Decachlor...	10.435	8.814	5925526	36307802	5.661	4.793	
	Target Compounds							
26)	L6 AR-1254-1	6.654	5.682	3432859	24935505	58.287m	50.488	
27)	L6 AR-1254-2	6.872	5.830	4885847	18783341	61.462	53.739	
28)	L6 AR-1254-3	7.231	6.232	5507525	26251359	64.439m	39.562	#
29)	L6 AR-1254-4	7.515	6.457	3846980	21709681	59.758	43.891	#
30)	L6 AR-1254-5	7.931	6.876	4851004	21373298	59.711	42.814	#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074512.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 15:58
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

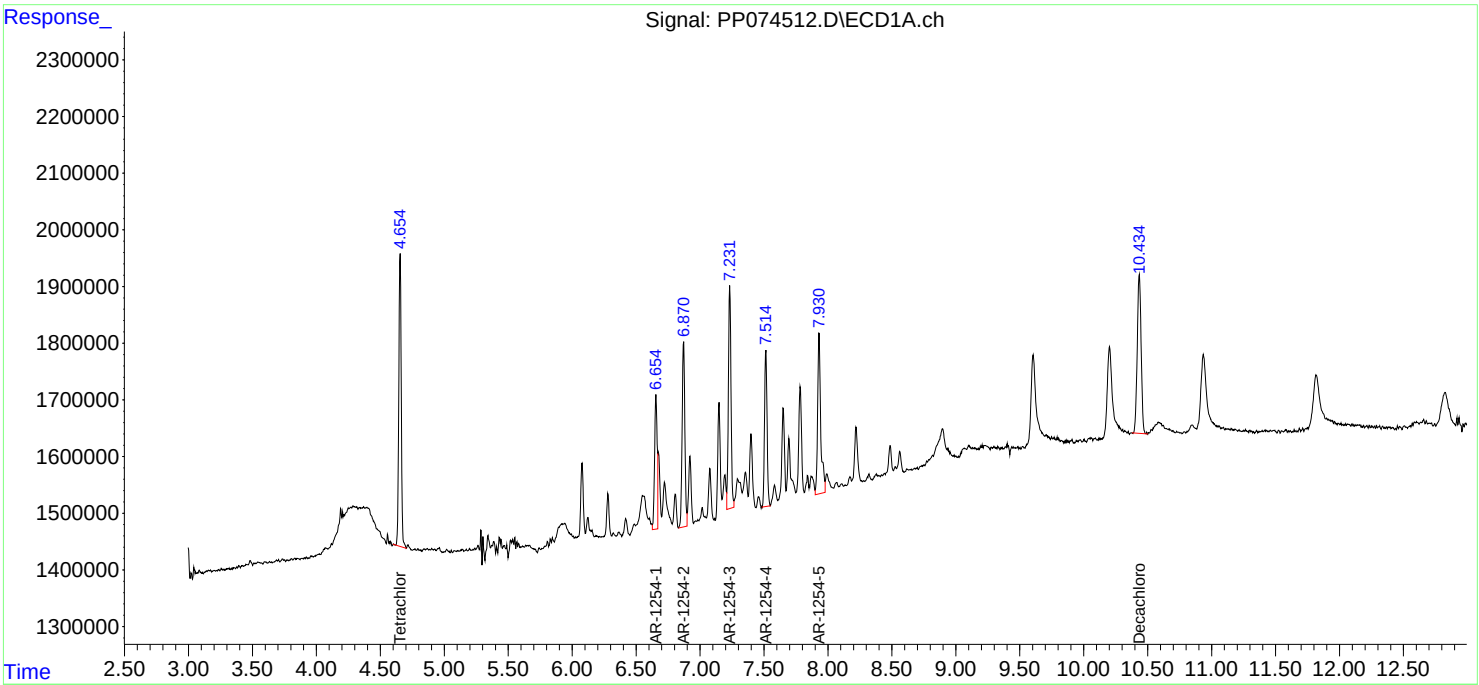
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

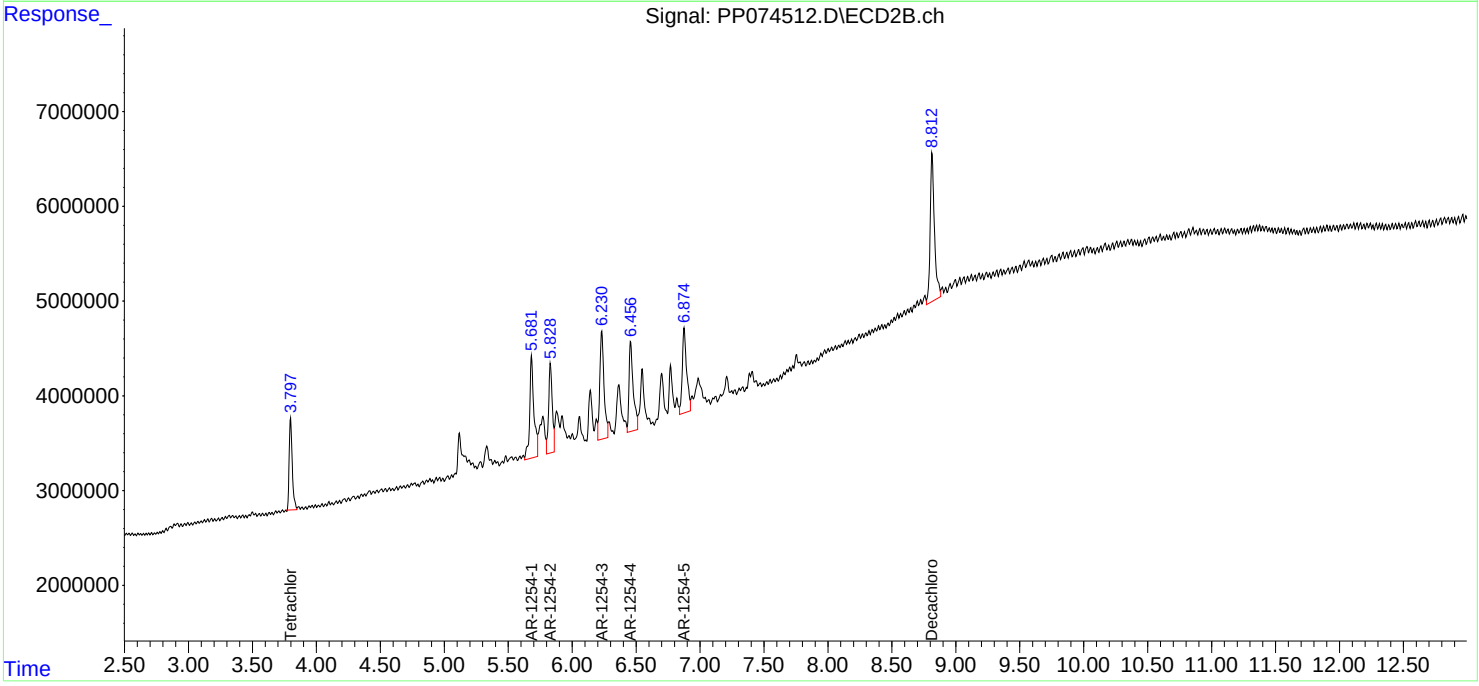
Manual Integrations APPROVED

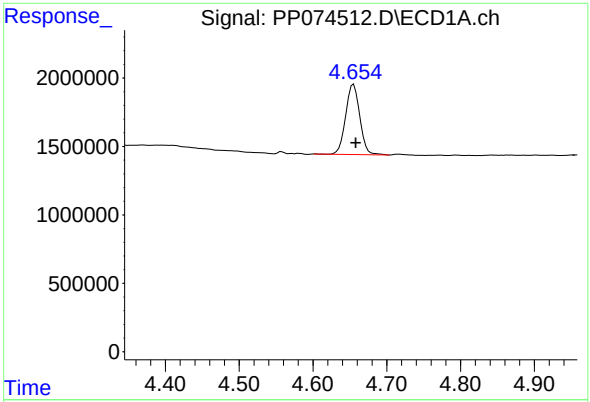
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:25:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







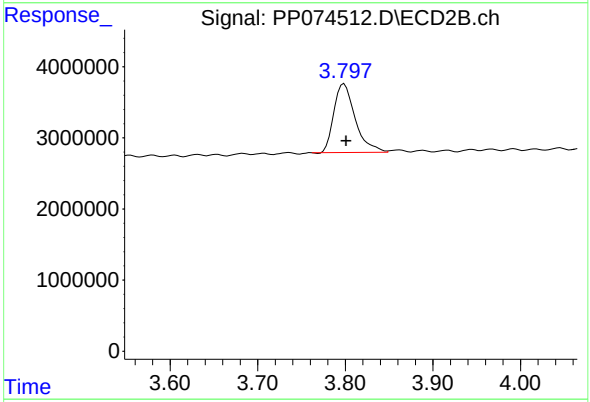
#1 Tetrachloro-m-xylene

R.T.: 4.655 min
Delta R.T.: -0.003 min
Response: 6824177
Conc: 5.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

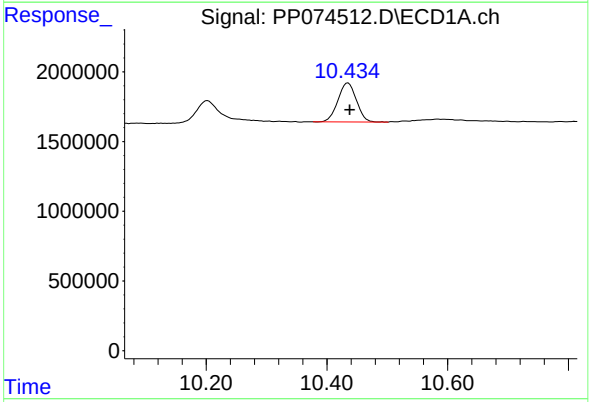
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



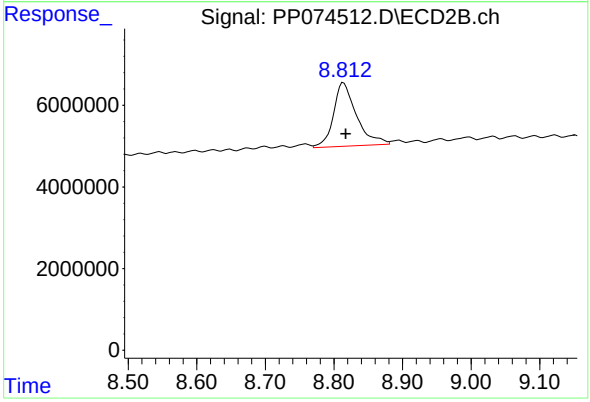
#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: -0.002 min
Response: 16356890
Conc: 3.29 ng/ml



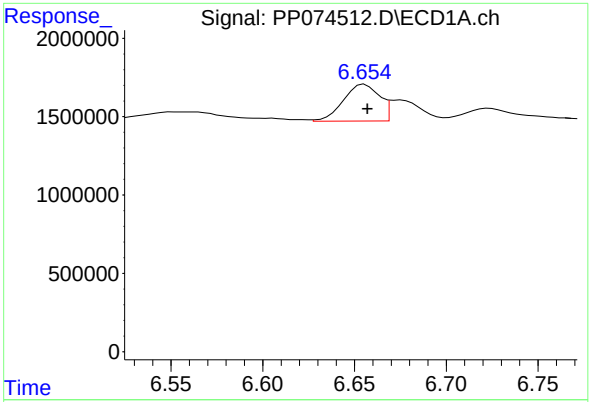
#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: -0.003 min
Response: 5925526
Conc: 5.66 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.814 min
Delta R.T.: -0.003 min
Response: 36307802
Conc: 4.79 ng/ml



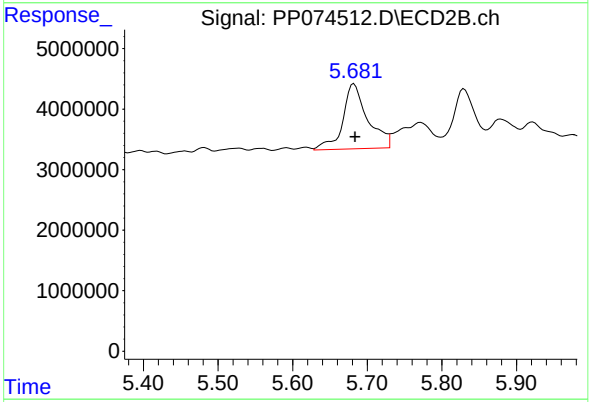
#26 AR-1254-1

R.T.: 6.654 min
Delta R.T.: -0.003 min
Response: 3432859
Conc: 58.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

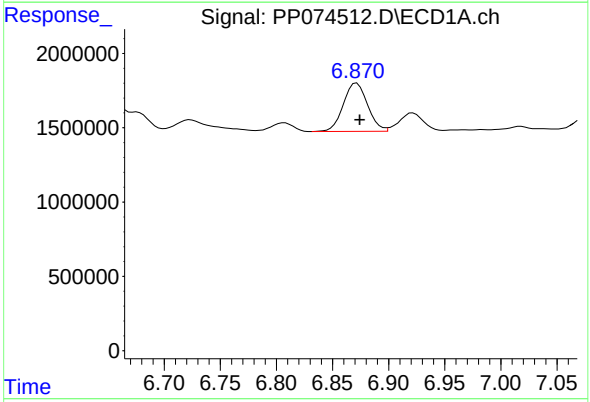
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



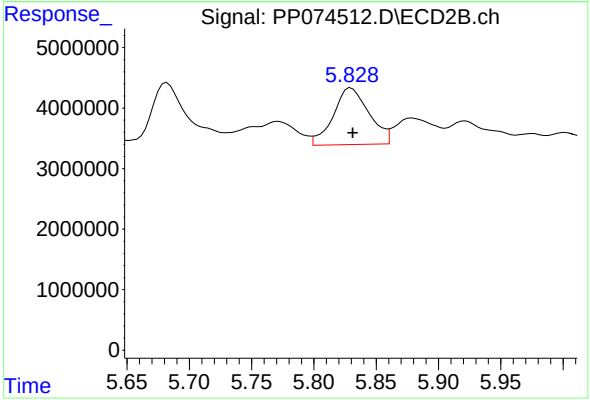
#26 AR-1254-1

R.T.: 5.682 min
Delta R.T.: -0.002 min
Response: 24935505
Conc: 50.49 ng/ml



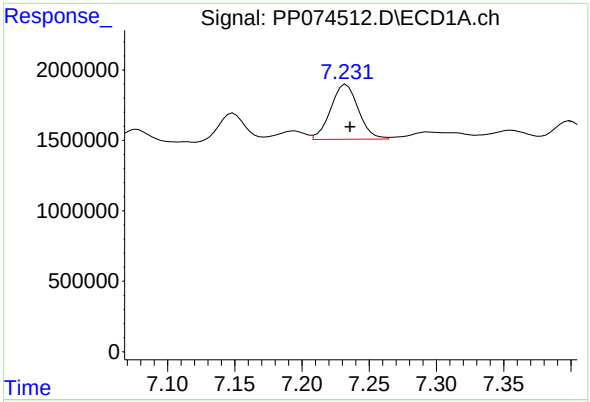
#27 AR-1254-2

R.T.: 6.872 min
Delta R.T.: -0.003 min
Response: 4885847
Conc: 61.46 ng/ml



#27 AR-1254-2

R.T.: 5.830 min
Delta R.T.: -0.001 min
Response: 18783341
Conc: 53.74 ng/ml



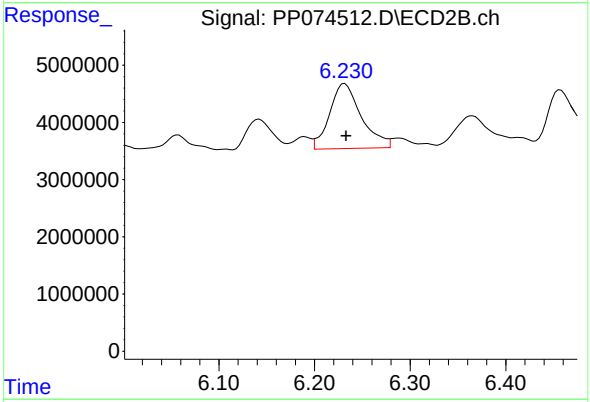
#28 AR-1254-3

R.T.: 7.231 min
Delta R.T.: -0.004 min
Response: 5507525
Conc: 64.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

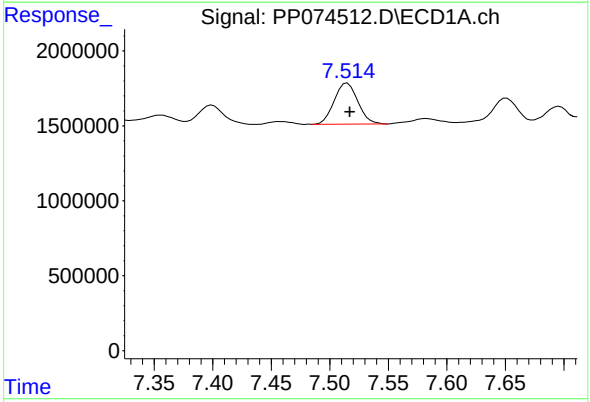
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



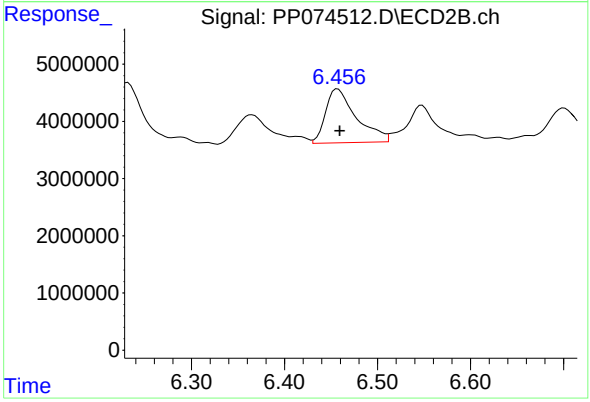
#28 AR-1254-3

R.T.: 6.232 min
Delta R.T.: -0.002 min
Response: 26251359
Conc: 39.56 ng/ml



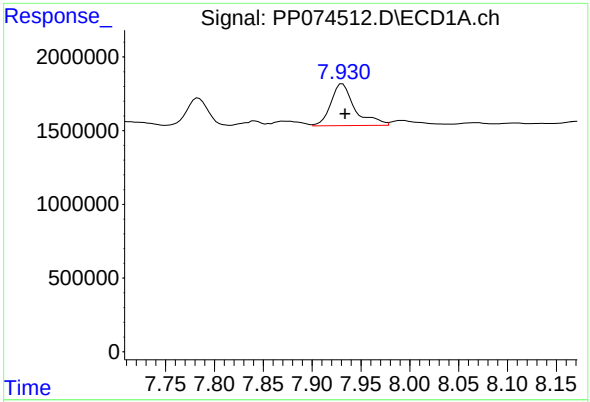
#29 AR-1254-4

R.T.: 7.515 min
Delta R.T.: -0.002 min
Response: 3846980
Conc: 59.76 ng/ml



#29 AR-1254-4

R.T.: 6.457 min
Delta R.T.: -0.002 min
Response: 21709681
Conc: 43.89 ng/ml



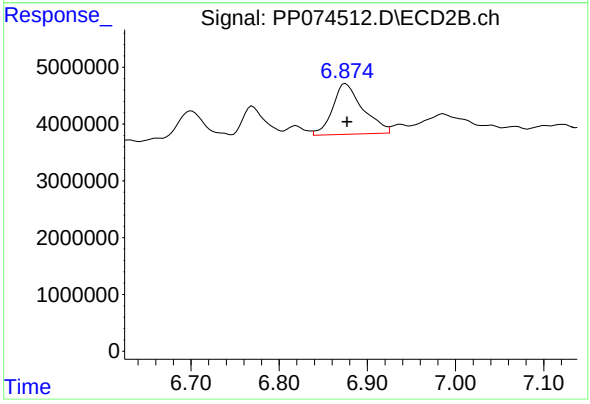
#30 AR-1254-5

R.T.: 7.931 min
Delta R.T.: -0.003 min
Response: 4851004
Conc: 59.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



#30 AR-1254-5

R.T.: 6.876 min
Delta R.T.: -0.001 min
Response: 21373298
Conc: 42.81 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074513.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 16:14
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: Aug 20 05:44:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:44:14 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...	4.659	3.804	57502488	227.3E6	50.000	50.000
2)	SA Decachlor...	10.436	8.817	51520636	381.5E6	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	8.241	6.917	38507994	353.6E6	500.000	500.000
37)	L8 AR-1262-2	8.566	7.175	66190269	260.4E6	500.000	500.000
38)	L8 AR-1262-3	8.892	7.698	48606172	233.1E6	500.000	500.000
39)	L8 AR-1262-4	8.979	7.761	37665153	410.9E6	500.000	500.000
40)	L8 AR-1262-5	9.650	8.255	30478105	179.2E6	500.000	500.000

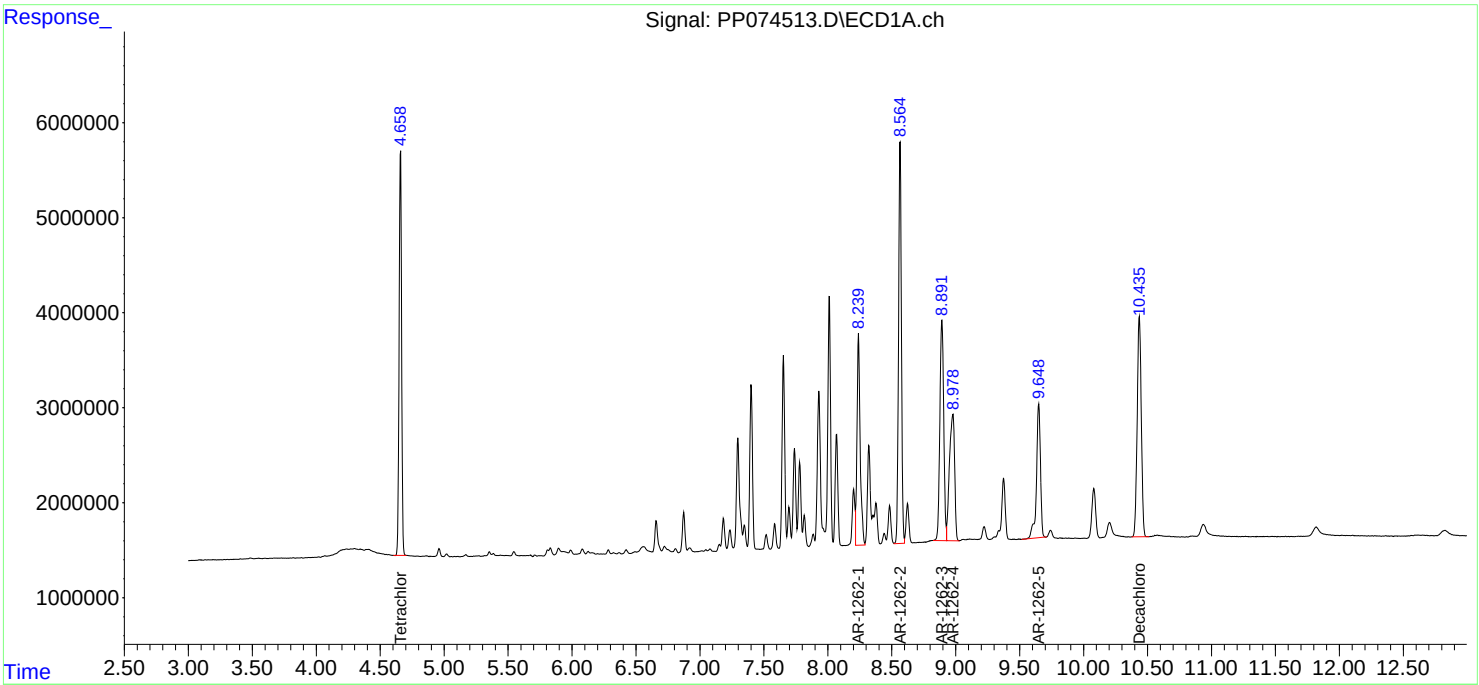
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

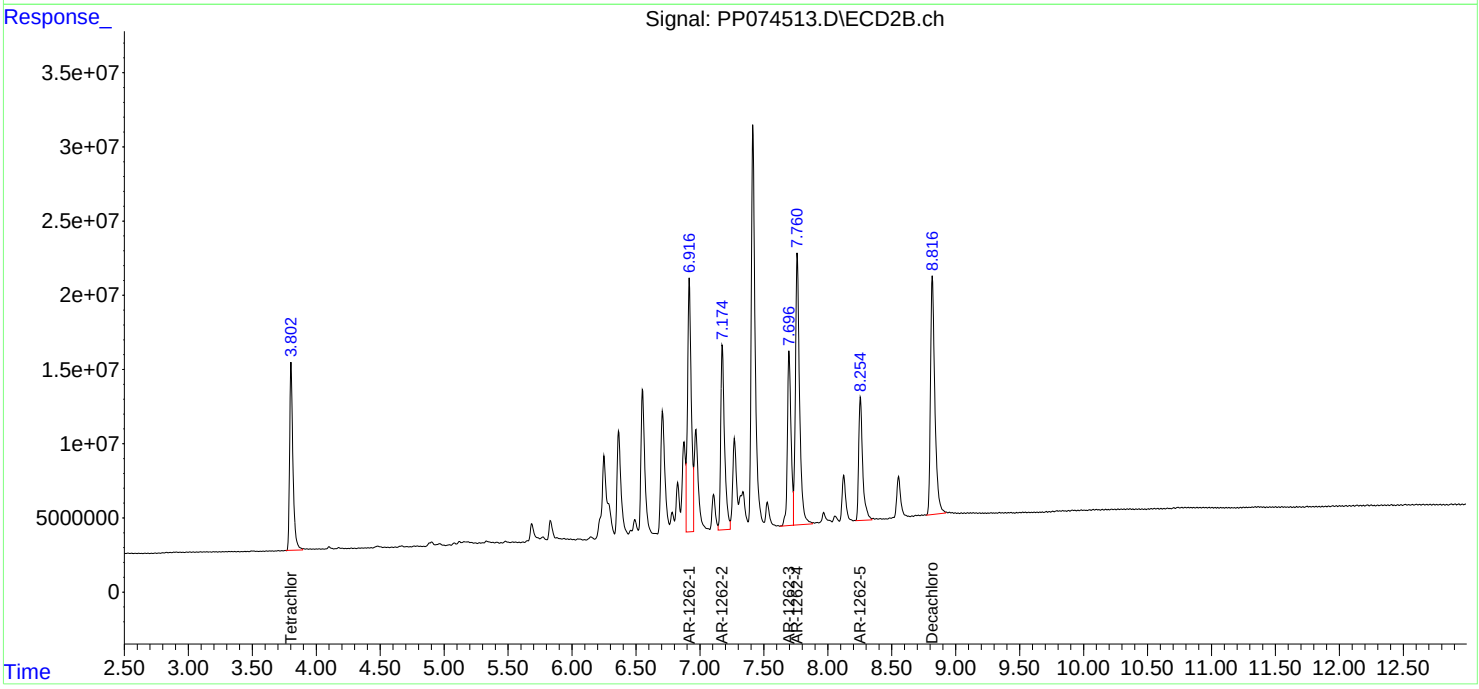
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074513.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 16:14
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

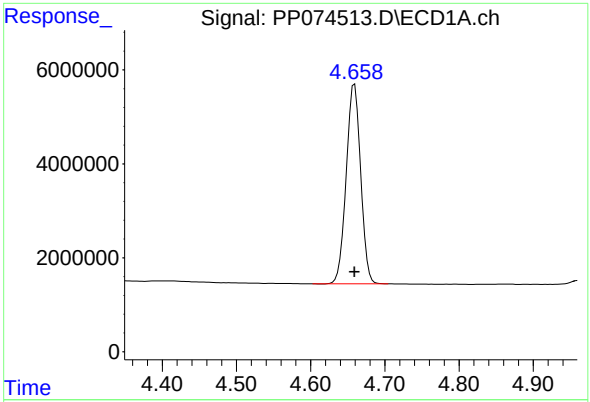
Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:44:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:44:14 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



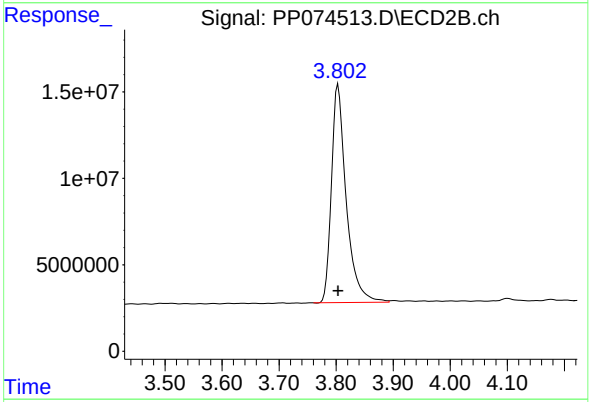




#1 Tetrachloro-m-xylene

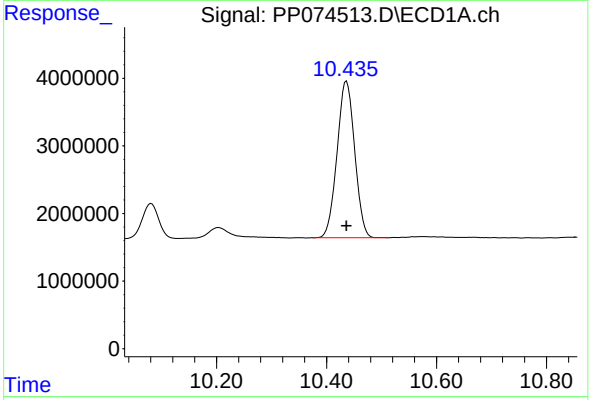
R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 57502488
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



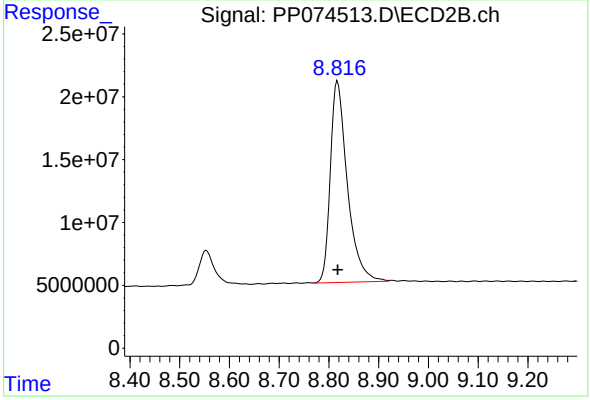
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 227265945
Conc: 50.00 ng/ml



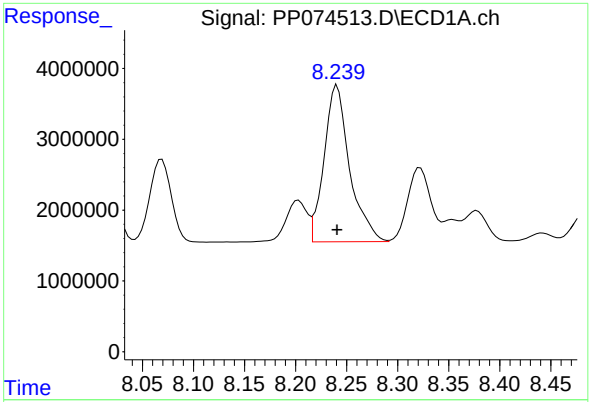
#2 Decachlorobiphenyl

R.T.: 10.436 min
Delta R.T.: 0.000 min
Response: 51520636
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

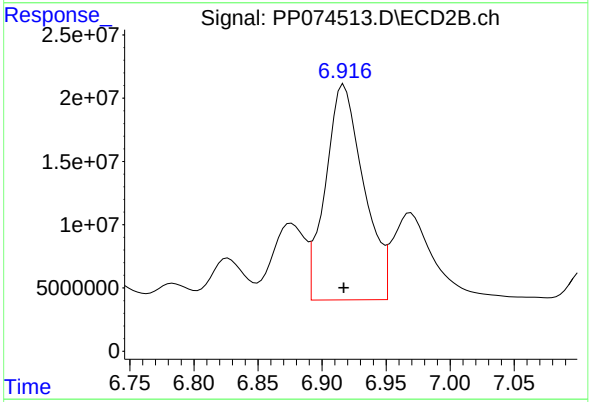
R.T.: 8.817 min
Delta R.T.: 0.000 min
Response: 381462541
Conc: 50.00 ng/ml



#36 AR-1262-1

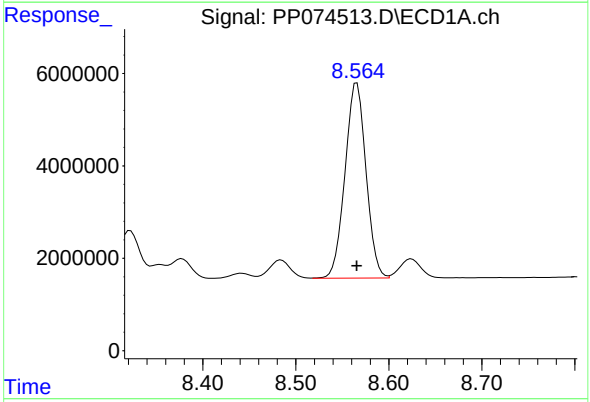
R.T.: 8.241 min
Delta R.T.: 0.000 min
Response: 38507994
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



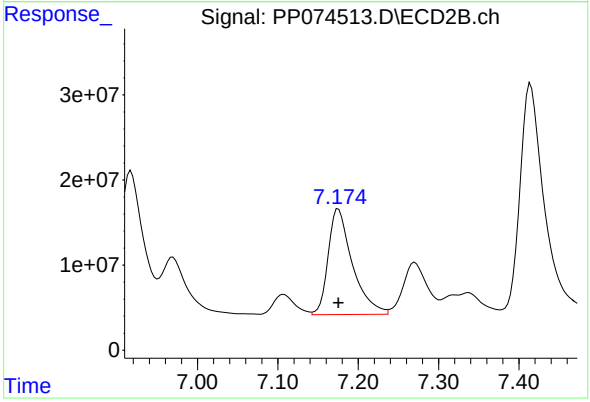
#36 AR-1262-1

R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 353629541
Conc: 500.00 ng/ml



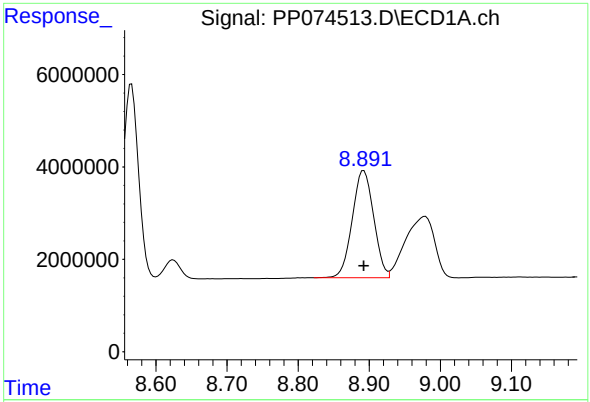
#37 AR-1262-2

R.T.: 8.566 min
Delta R.T.: 0.000 min
Response: 66190269
Conc: 500.00 ng/ml



#37 AR-1262-2

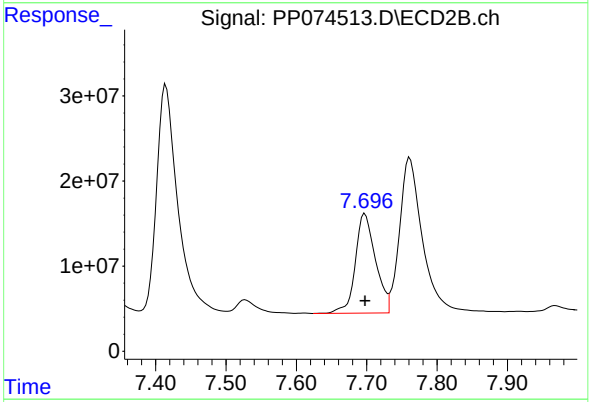
R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 260357156
Conc: 500.00 ng/ml



#38 AR-1262-3

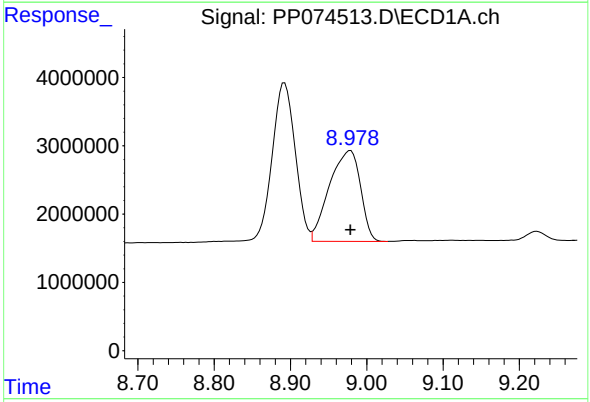
R.T.: 8.892 min
Delta R.T.: 0.000 min
Response: 48606172
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



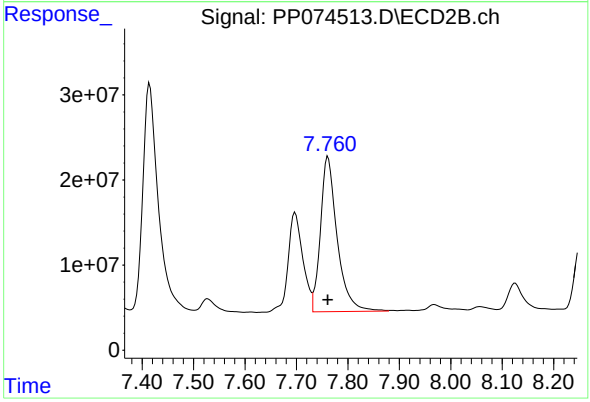
#38 AR-1262-3

R.T.: 7.698 min
Delta R.T.: 0.000 min
Response: 233148483
Conc: 500.00 ng/ml



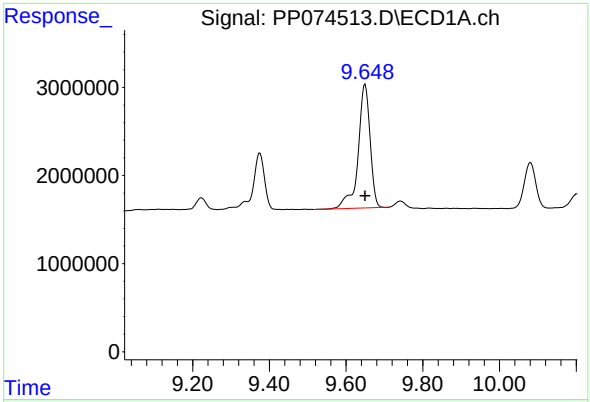
#39 AR-1262-4

R.T.: 8.979 min
Delta R.T.: 0.000 min
Response: 37665153
Conc: 500.00 ng/ml



#39 AR-1262-4

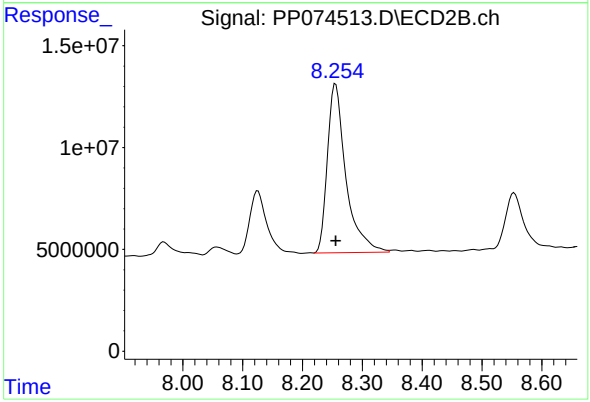
R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 410929891
Conc: 500.00 ng/ml



#40 AR-1262-5

R.T.: 9.650 min
Delta R.T.: 0.000 min
Response: 30478105
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



#40 AR-1262-5

R.T.: 8.255 min
Delta R.T.: 0.000 min
Response: 179154512
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074514.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 16:31
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: Aug 20 05:48:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.655	3.801	114.0E6	521.1E6	93.744	105.549
2)	SA Decachlor...	10.431	8.814	164.3E6	1439.1E6	90.456	99.845
	Target Compounds						
41)	L9 AR-1268-1	8.883	7.695	145.4E6	1582.0E6	909.781	1022.749
42)	L9 AR-1268-2	8.978	7.758	135.1E6	1588.2E6	913.226	1100.911
43)	L9 AR-1268-3	9.219	7.967	112.8E6	1131.1E6	907.046	1006.488
44)	L9 AR-1268-4	9.645	8.252	60062429	434.0E6	868.130	1045.494
45)	L9 AR-1268-5	10.076	8.552	347.9E6	3414.1E6	934.640	998.029

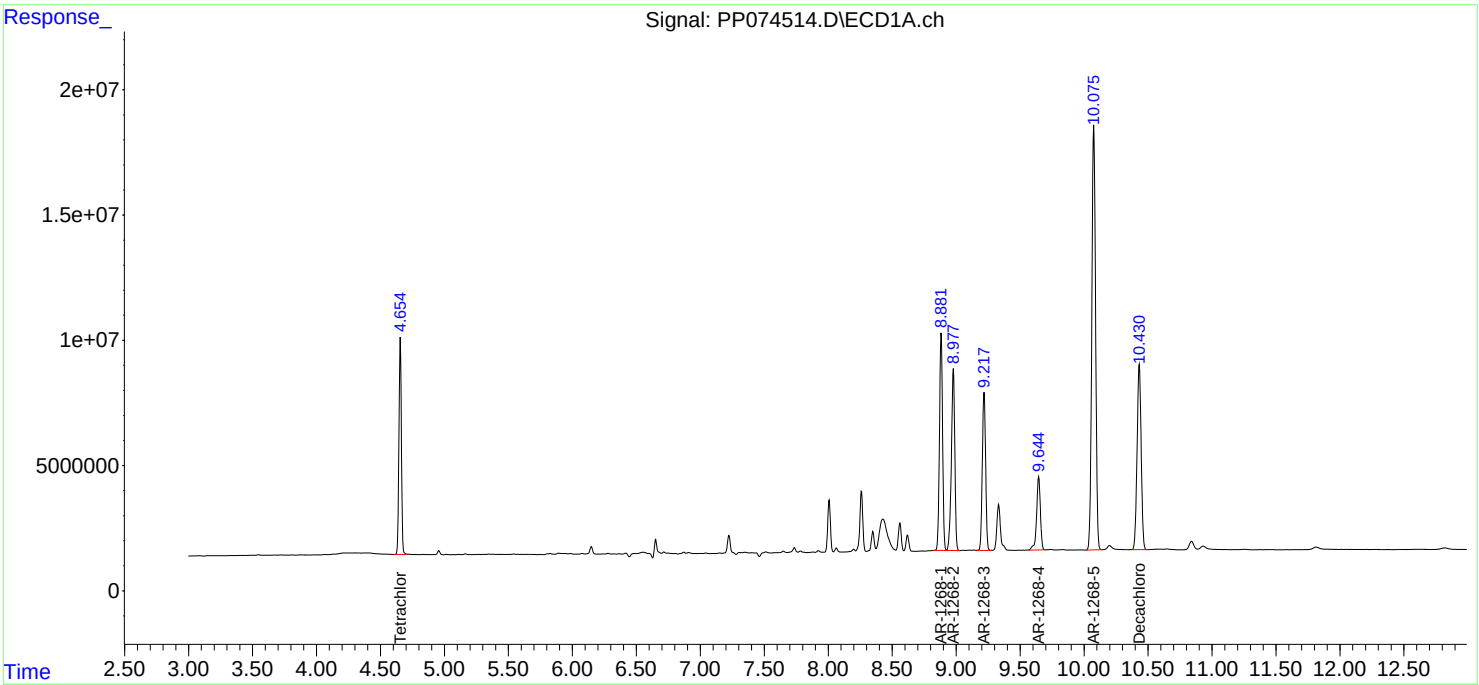
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

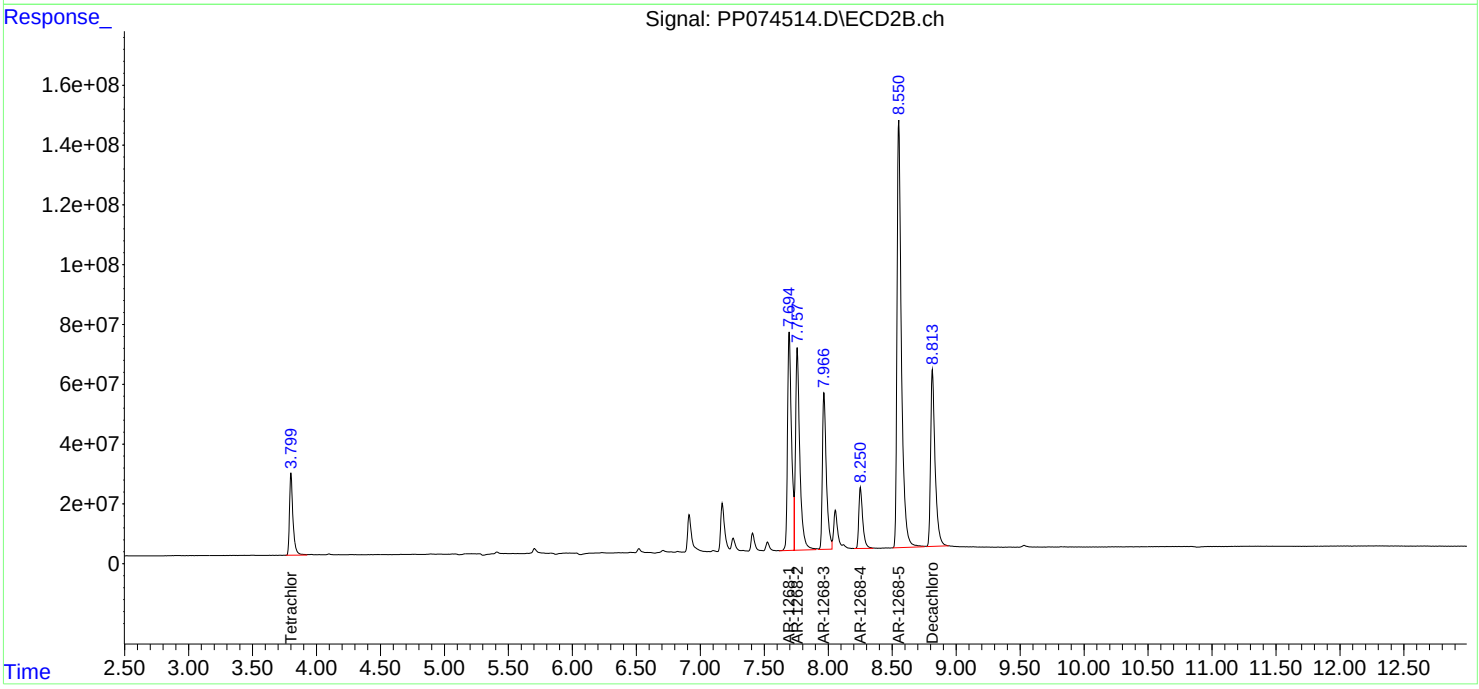
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074514.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 16:31
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

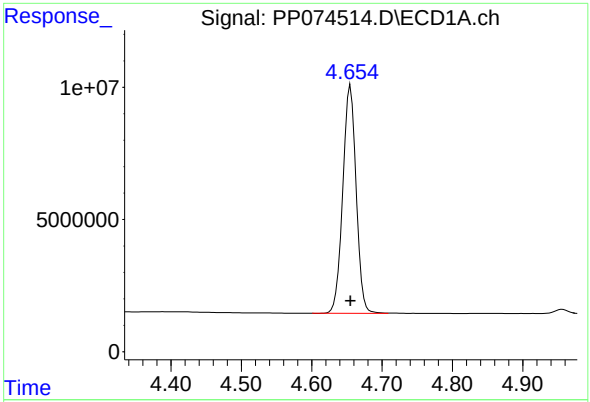
Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:48:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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



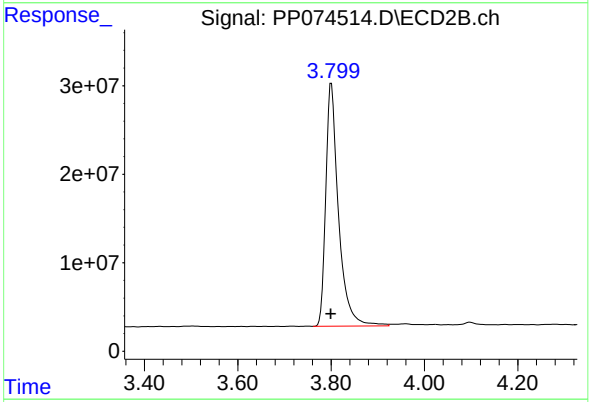




#1 Tetrachloro-m-xylene

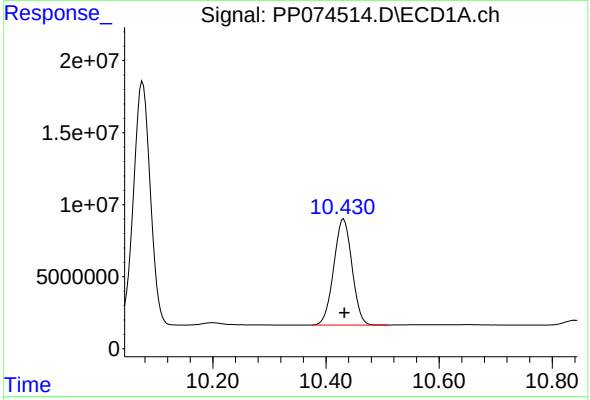
R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 113951163
Conc: 93.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



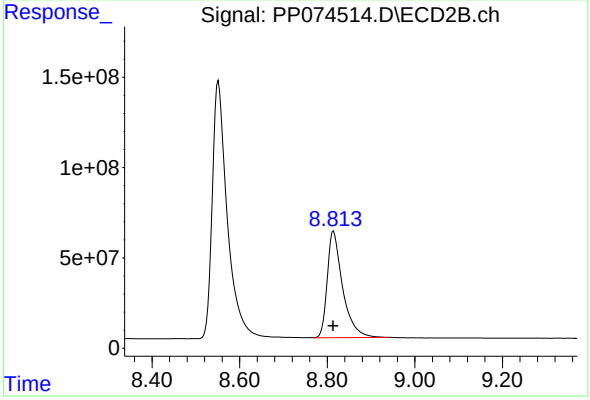
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: 0.002 min
Response: 521102090
Conc: 105.55 ng/ml



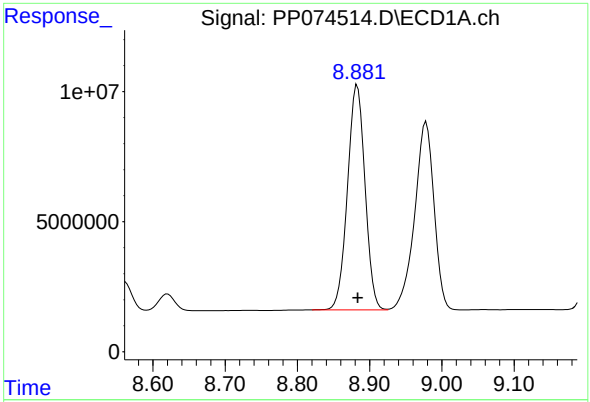
#2 Decachlorobiphenyl

R.T.: 10.431 min
Delta R.T.: -0.002 min
Response: 164312286
Conc: 90.46 ng/ml



#2 Decachlorobiphenyl

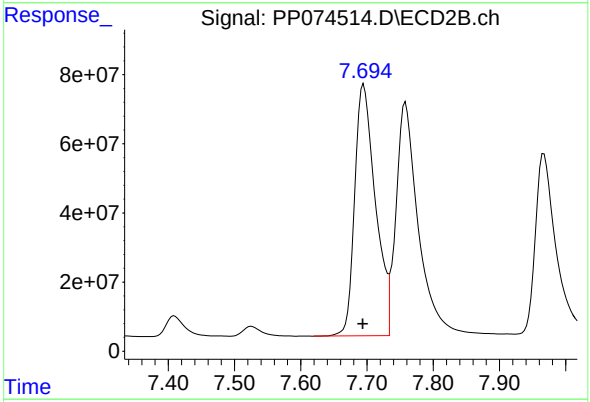
R.T.: 8.814 min
Delta R.T.: 0.001 min
Response: 1439093048
Conc: 99.84 ng/ml



#41 AR-1268-1

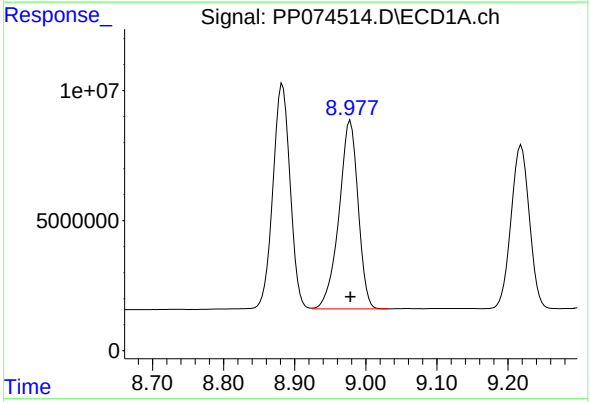
R.T.: 8.883 min
Delta R.T.: 0.000 min
Response: 145382221
Conc: 909.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



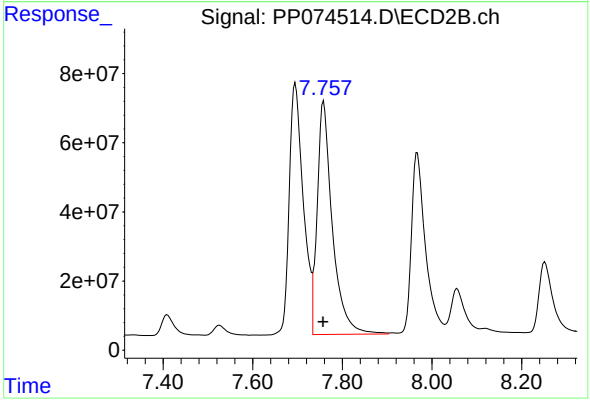
#41 AR-1268-1

R.T.: 7.695 min
Delta R.T.: 0.001 min
Response: 1582015639
Conc: 1022.75 ng/ml



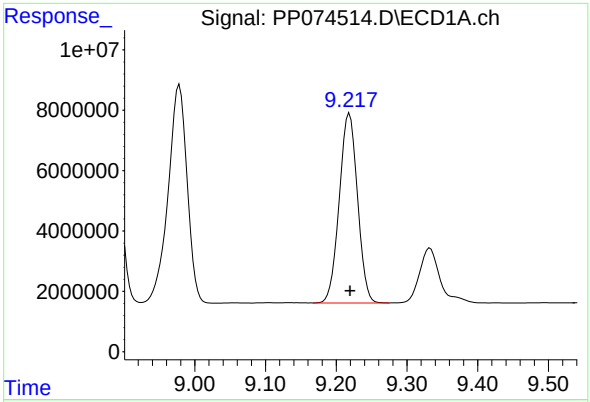
#42 AR-1268-2

R.T.: 8.978 min
Delta R.T.: 0.000 min
Response: 135128903
Conc: 913.23 ng/ml



#42 AR-1268-2

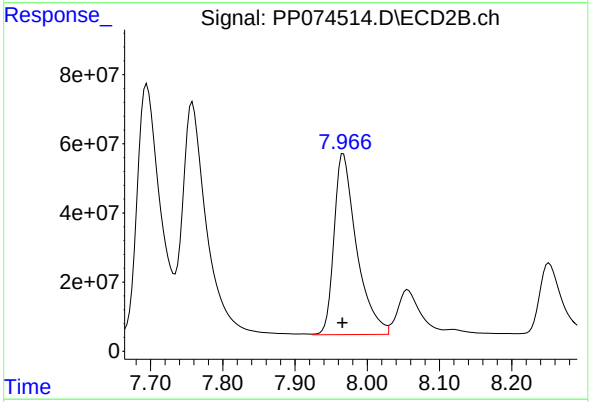
R.T.: 7.758 min
Delta R.T.: 0.000 min
Response: 1588231016
Conc: 1100.91 ng/ml



#43 AR-1268-3

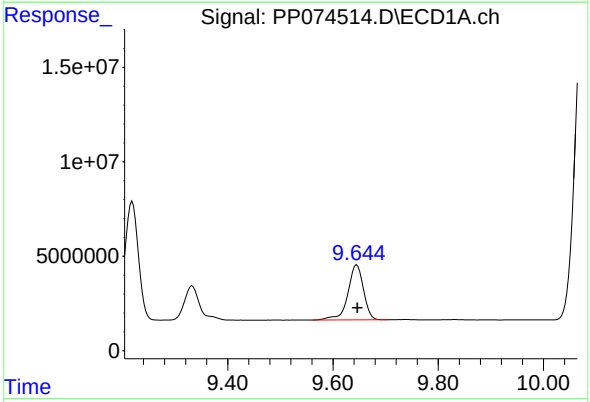
R.T.: 9.219 min
Delta R.T.: 0.000 min
Response: 112837949
Conc: 907.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



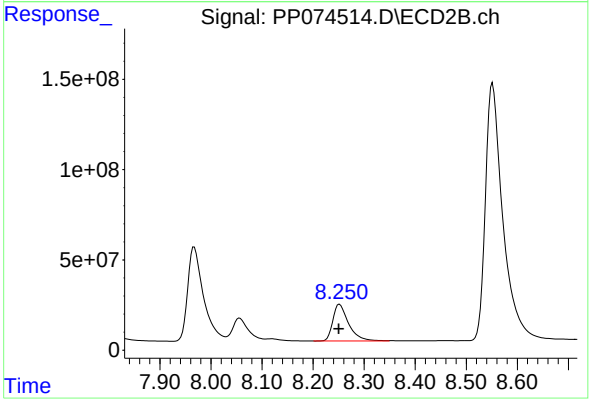
#43 AR-1268-3

R.T.: 7.967 min
Delta R.T.: 0.002 min
Response: 1131064358
Conc: 1006.49 ng/ml



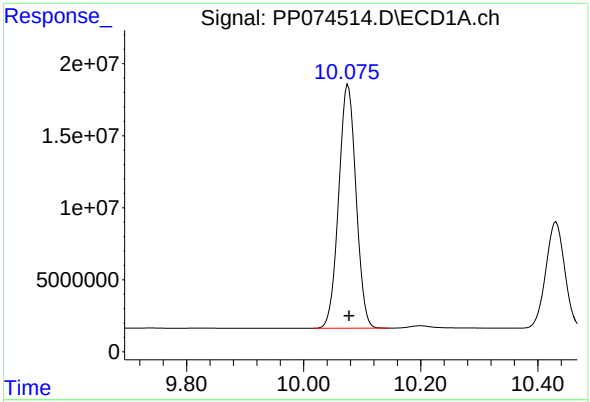
#44 AR-1268-4

R.T.: 9.645 min
Delta R.T.: -0.001 min
Response: 60062429
Conc: 868.13 ng/ml



#44 AR-1268-4

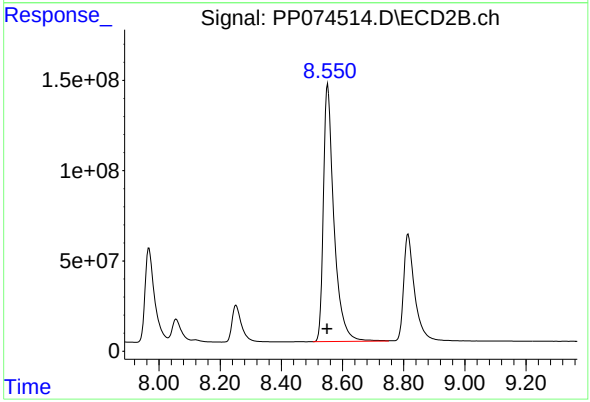
R.T.: 8.252 min
Delta R.T.: 0.002 min
Response: 433982459
Conc: 1045.49 ng/ml



#45 AR-1268-5

R.T.: 10.076 min
Delta R.T.: -0.002 min
Response: 347935374
Conc: 934.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



#45 AR-1268-5

R.T.: 8.552 min
Delta R.T.: 0.002 min
Response: 3414138804
Conc: 998.03 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074515.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 16:47
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: Aug 20 05:48:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.659	3.803	87209689	376.1E6	71.744	76.172
2)	SA Decachlor...	10.437	8.818	126.4E6	1059.1E6	69.561	73.481
	Target Compounds						
41)	L9 AR-1268-1	8.888	7.698	111.9E6	1066.9E6	700.520	689.766
42)	L9 AR-1268-2	8.983	7.761	103.7E6	1072.4E6	701.017	743.340
43)	L9 AR-1268-3	9.223	7.969	86537530	825.2E6	695.631	734.299
44)	L9 AR-1268-4	9.651	8.255	46716461	313.2E6	675.230	754.576
45)	L9 AR-1268-5	10.082	8.554	264.3E6	2492.1E6	709.949	728.510

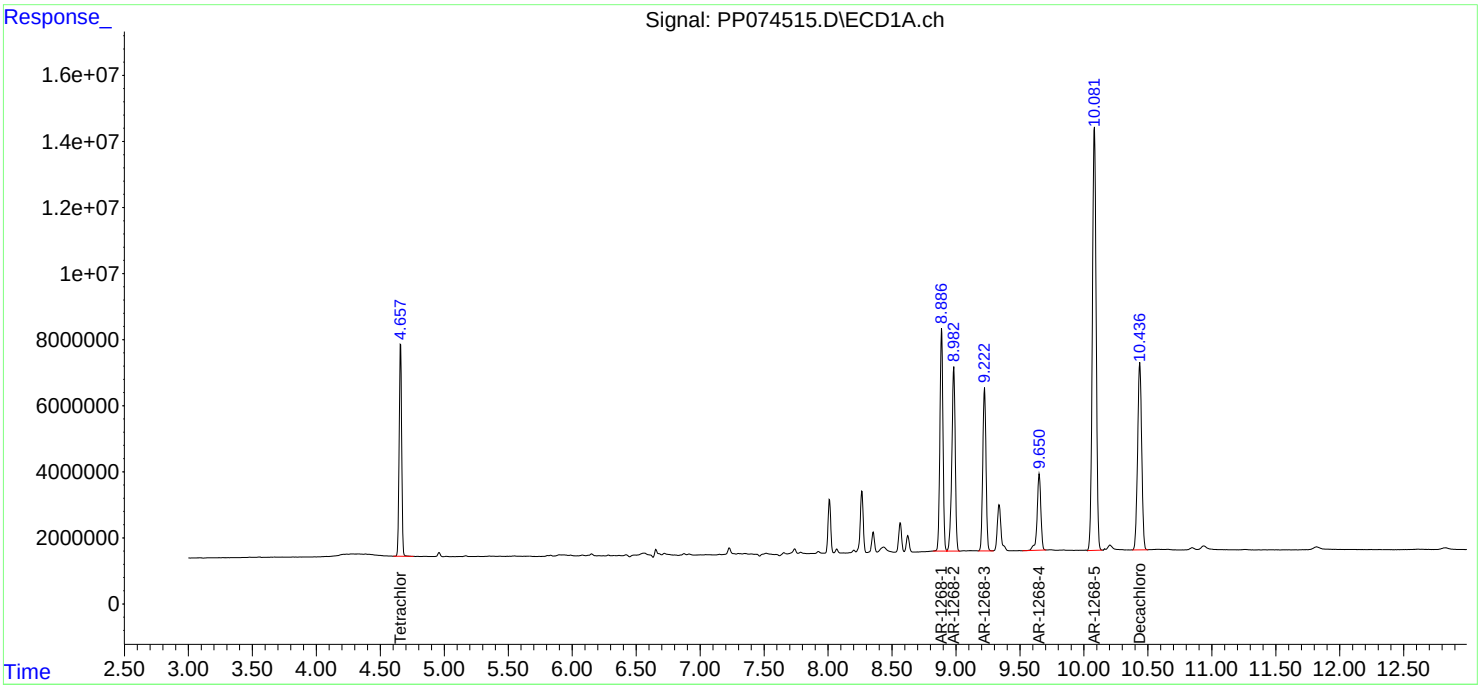
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

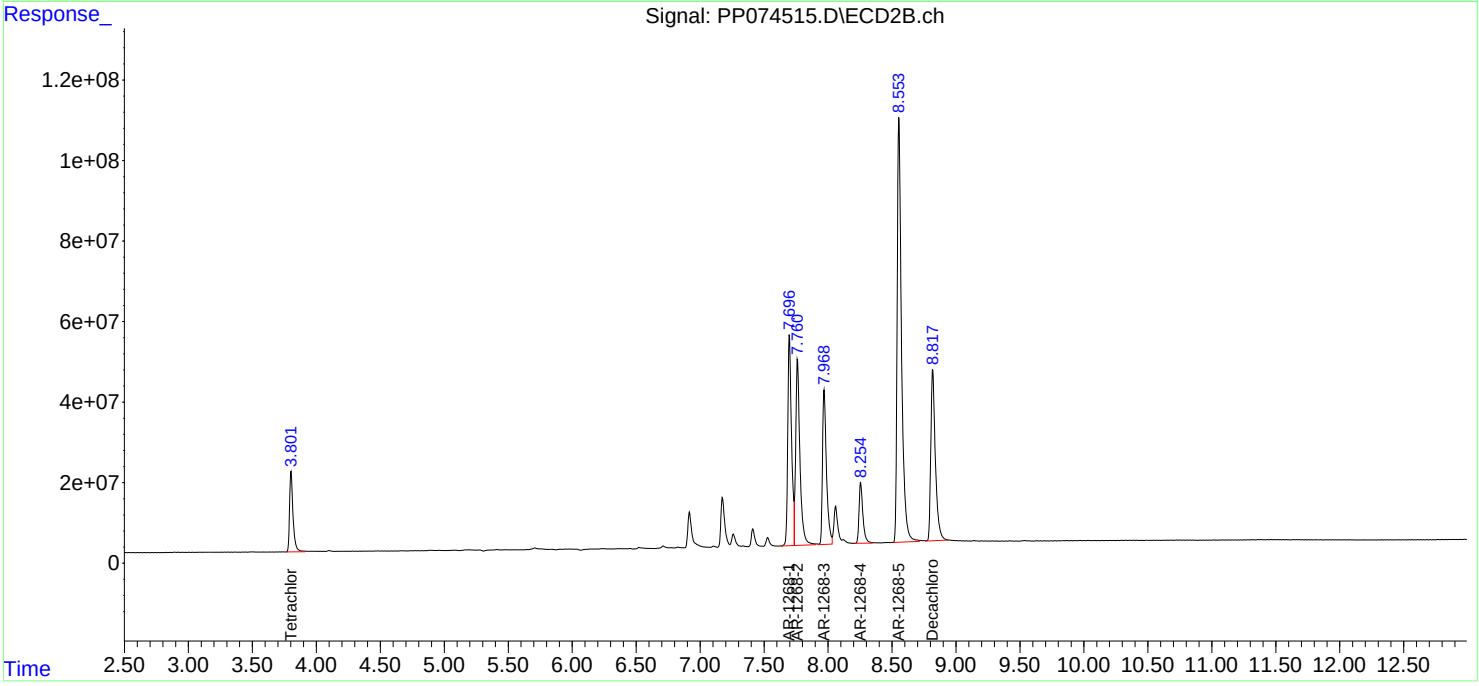
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074515.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 16:47
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

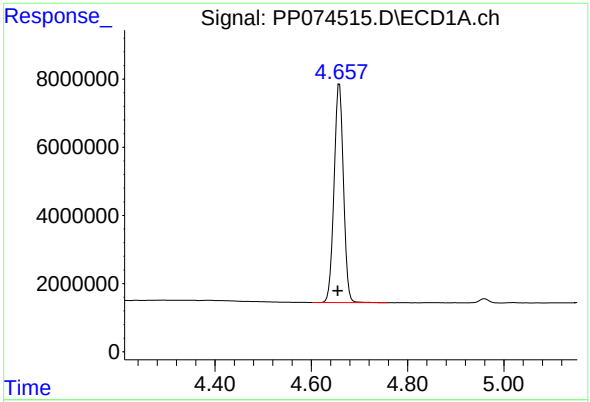
Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:48:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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



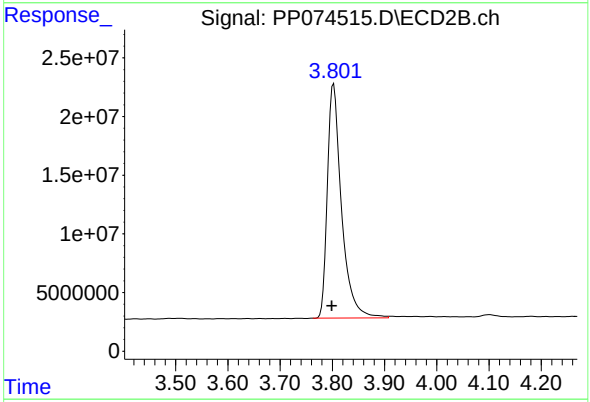




#1 Tetrachloro-m-xylene

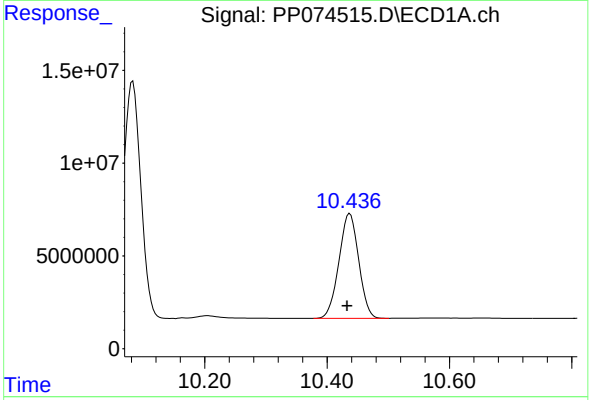
R.T.: 4.659 min
Delta R.T.: 0.004 min
Response: 87209689
Conc: 71.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



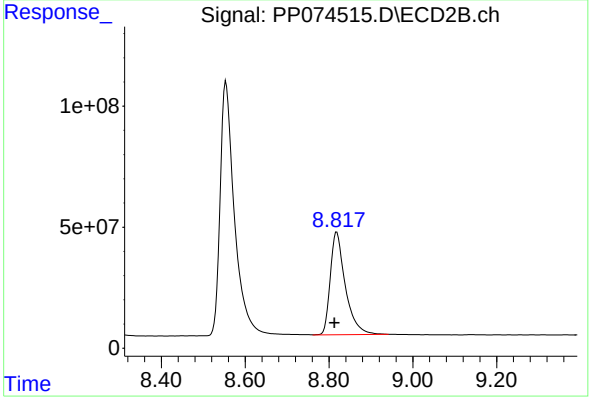
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.003 min
Response: 376067516
Conc: 76.17 ng/ml



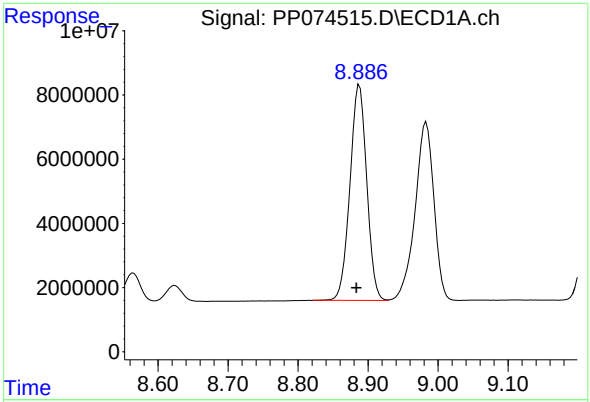
#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.004 min
Response: 126356605
Conc: 69.56 ng/ml



#2 Decachlorobiphenyl

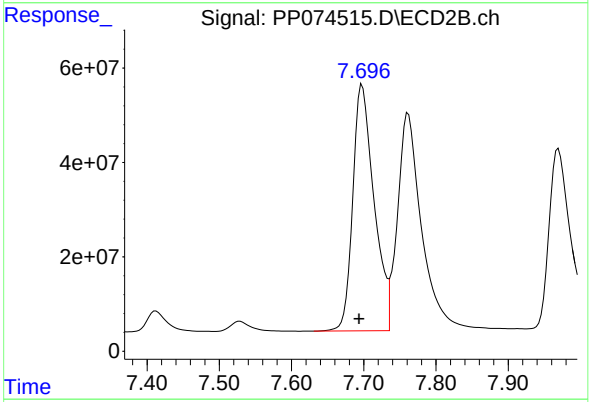
R.T.: 8.818 min
Delta R.T.: 0.005 min
Response: 1059102194
Conc: 73.48 ng/ml



#41 AR-1268-1

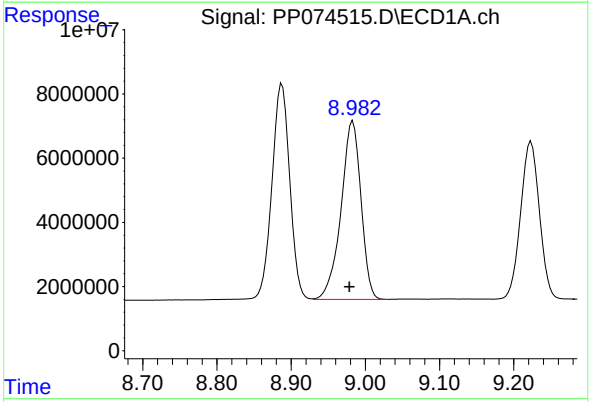
R.T.: 8.888 min
Delta R.T.: 0.004 min
Response: 111942396
Conc: 700.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



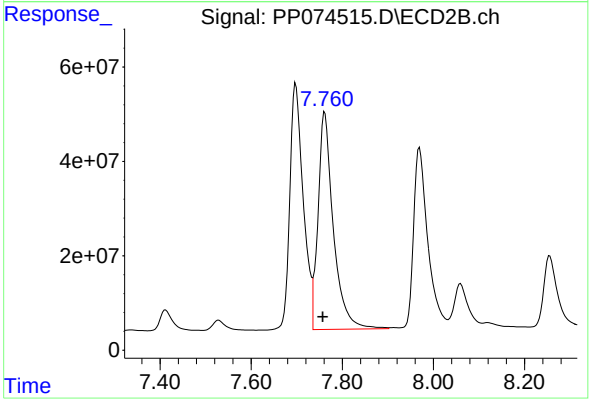
#41 AR-1268-1

R.T.: 7.698 min
Delta R.T.: 0.004 min
Response: 1066948747
Conc: 689.77 ng/ml



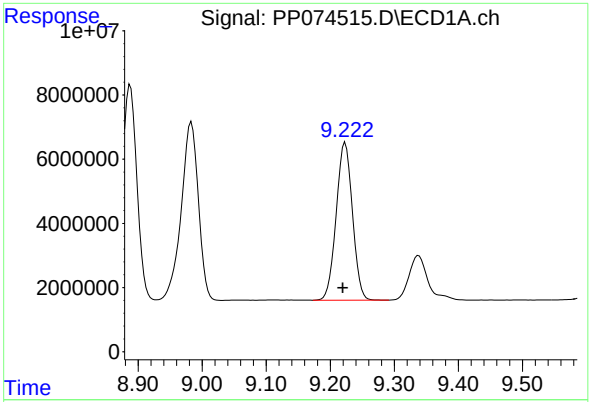
#42 AR-1268-2

R.T.: 8.983 min
Delta R.T.: 0.004 min
Response: 103728618
Conc: 701.02 ng/ml



#42 AR-1268-2

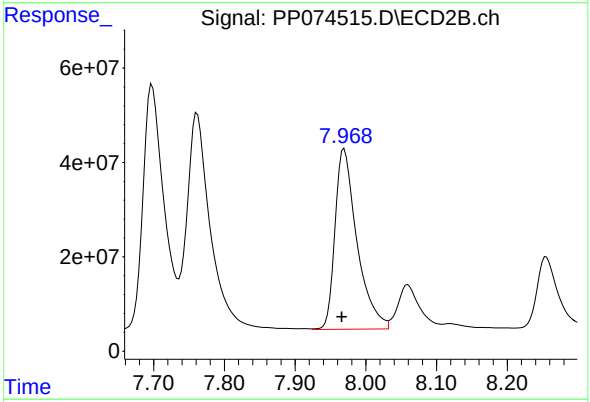
R.T.: 7.761 min
Delta R.T.: 0.004 min
Response: 1072380706
Conc: 743.34 ng/ml



#43 AR-1268-3

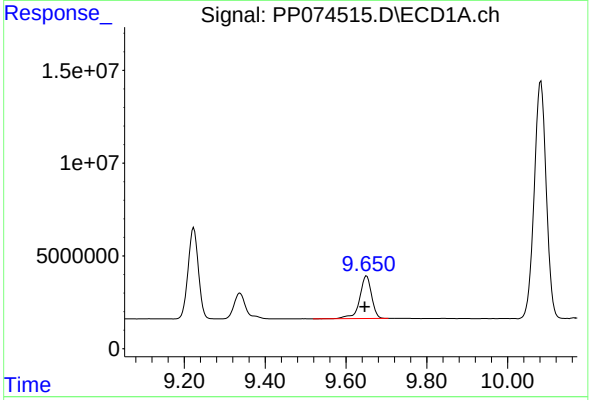
R.T.: 9.223 min
Delta R.T.: 0.004 min
Response: 86537530
Conc: 695.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



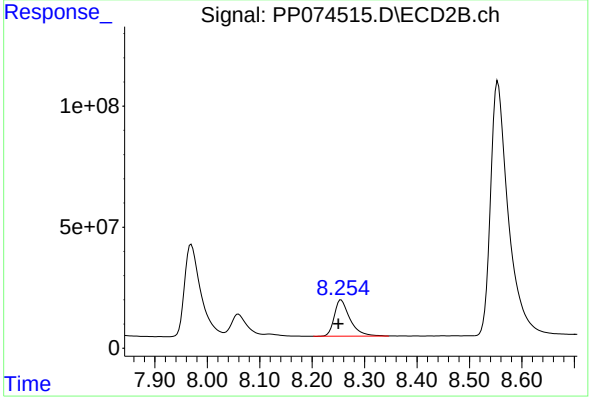
#43 AR-1268-3

R.T.: 7.969 min
Delta R.T.: 0.004 min
Response: 825185251
Conc: 734.30 ng/ml



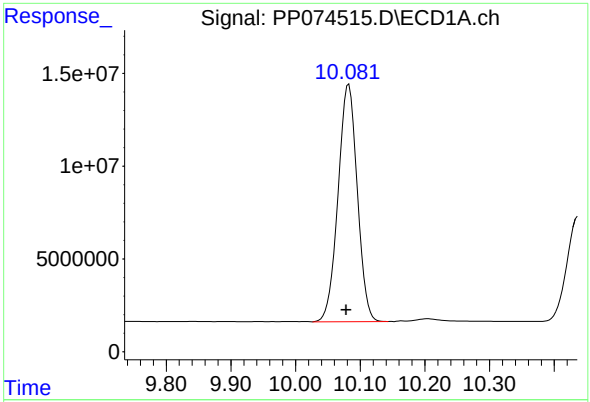
#44 AR-1268-4

R.T.: 9.651 min
Delta R.T.: 0.005 min
Response: 46716461
Conc: 675.23 ng/ml



#44 AR-1268-4

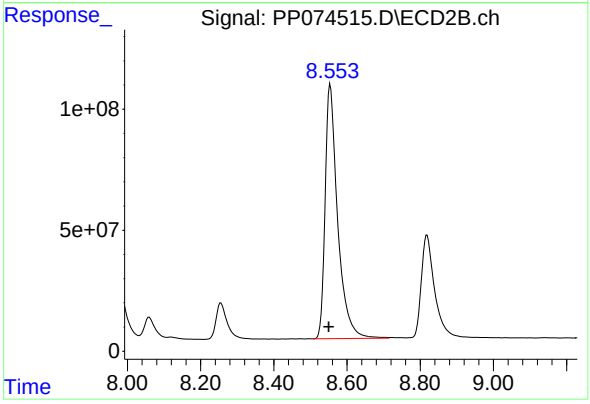
R.T.: 8.255 min
Delta R.T.: 0.005 min
Response: 313222898
Conc: 754.58 ng/ml



#45 AR-1268-5

R.T.: 10.082 min
Delta R.T.: 0.004 min
Response: 264290385
Conc: 709.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



#45 AR-1268-5

R.T.: 8.554 min
Delta R.T.: 0.004 min
Response: 2492147569
Conc: 728.51 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074516.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 17:03
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: Aug 20 05:48:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.655	3.799	60777964	246.9E6	50.000	50.000
2)	SA Decachlor...	10.433	8.813	90824753	720.7E6	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	8.884	7.694	79899530	773.4E6	500.000	500.000
42)	L9 AR-1268-2	8.979	7.757	73984387	721.3E6	500.000	500.000
43)	L9 AR-1268-3	9.219	7.966	62200769	561.9E6	500.000	500.000
44)	L9 AR-1268-4	9.646	8.250	34592983	207.5E6	500.000	500.000
45)	L9 AR-1268-5	10.078	8.550	186.1E6	1710.4E6	500.000	500.000

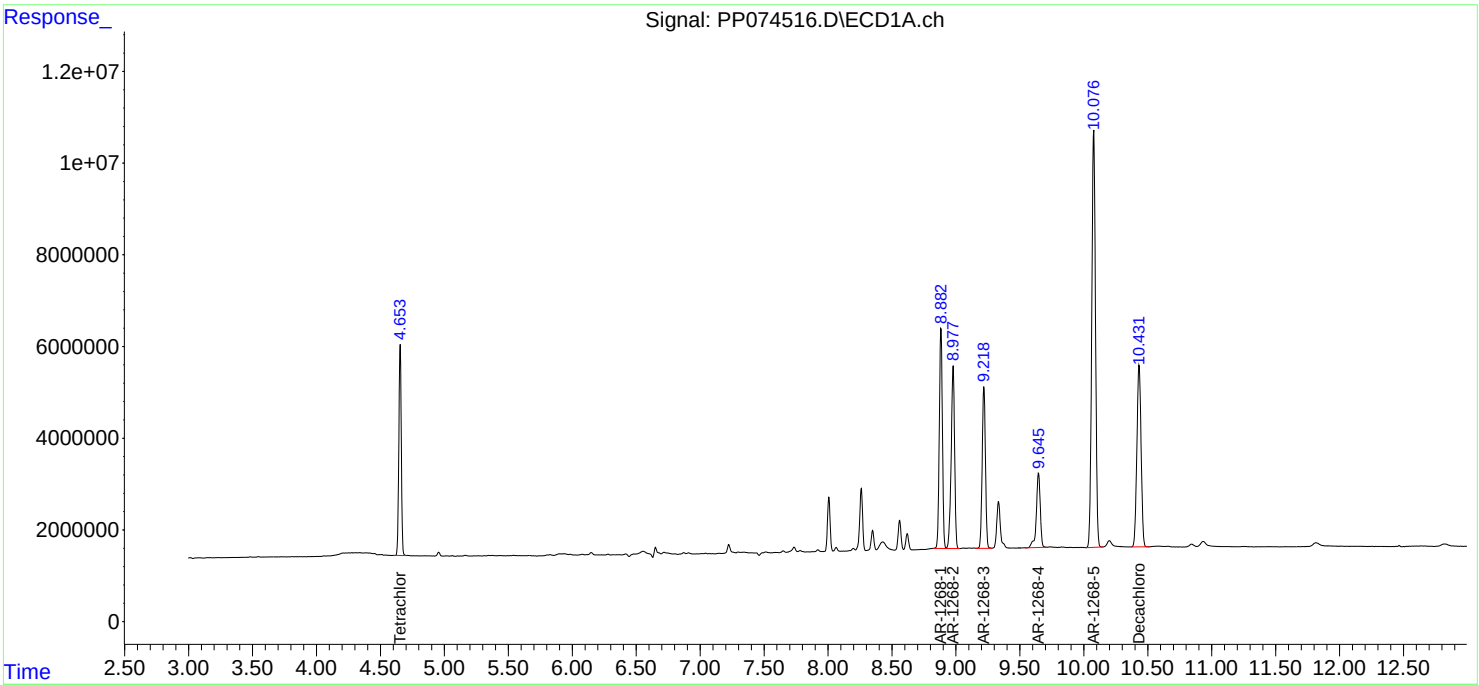
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

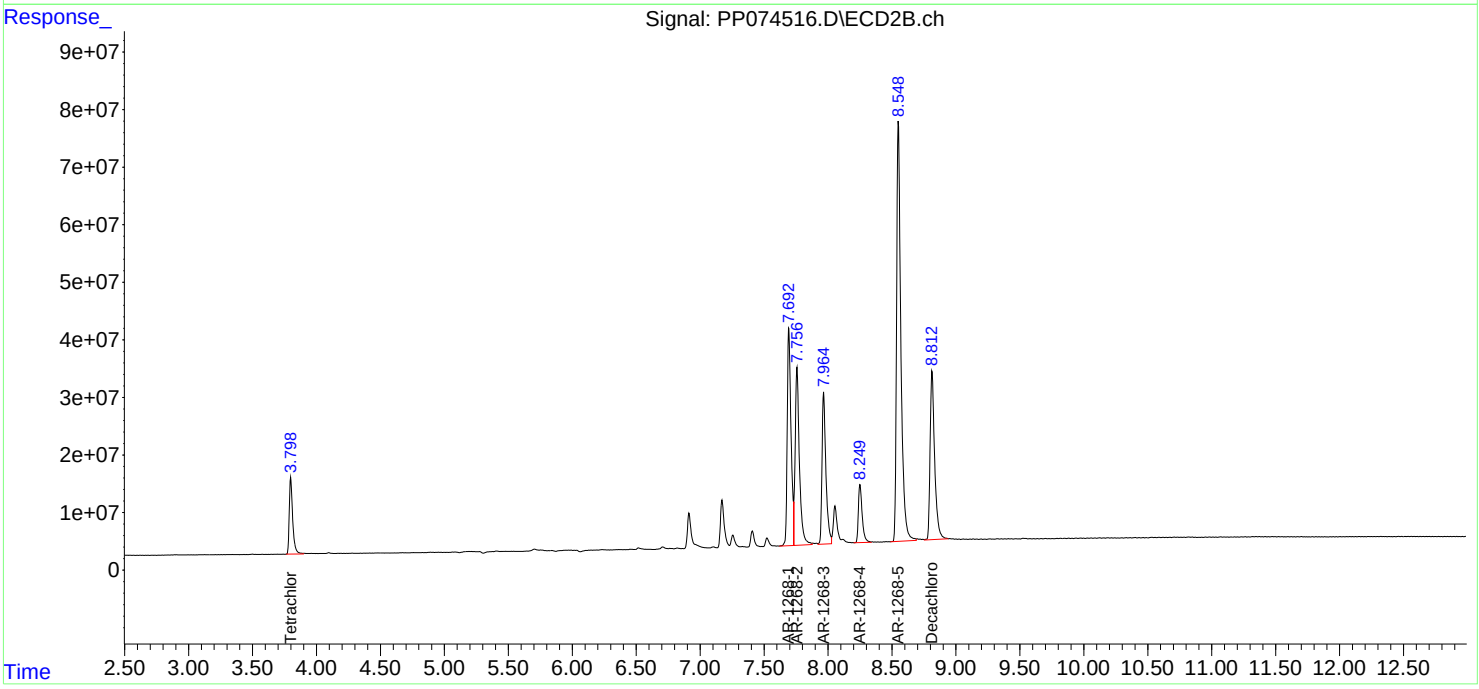
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074516.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 17:03
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

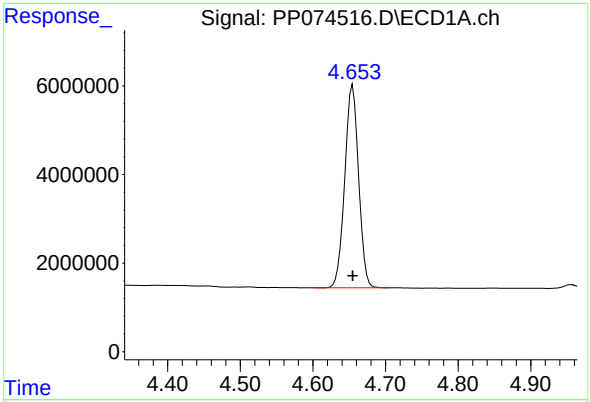
Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:48:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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



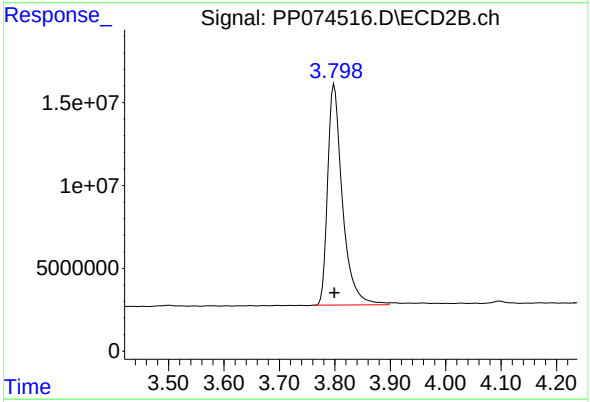




#1 Tetrachloro-m-xylene

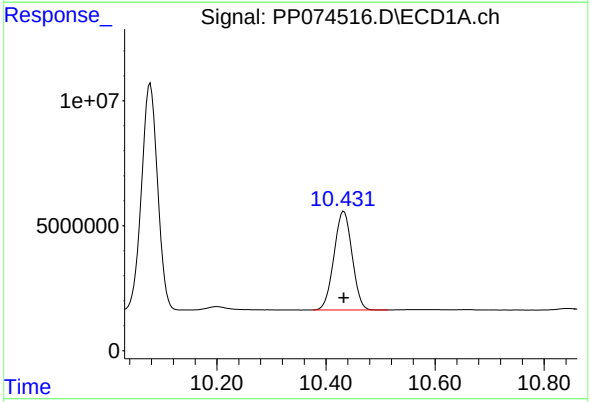
R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 60777964
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



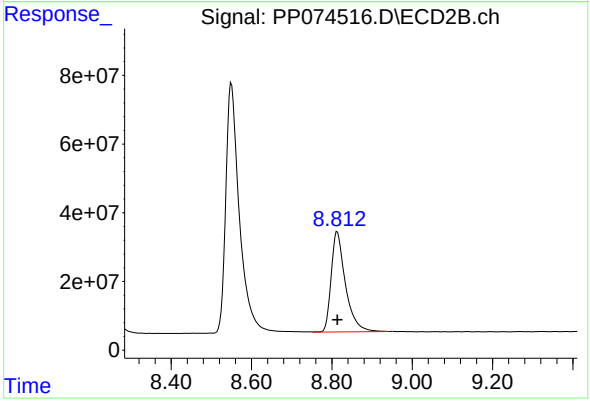
#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 246854130
Conc: 50.00 ng/ml



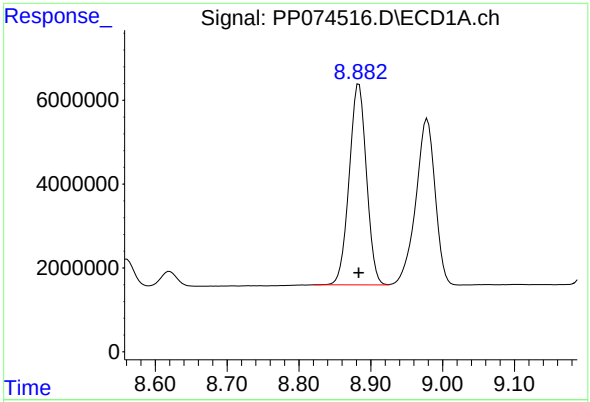
#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.000 min
Response: 90824753
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

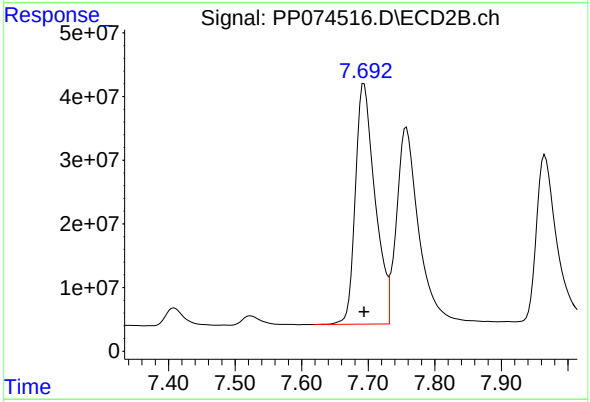
R.T.: 8.813 min
Delta R.T.: 0.000 min
Response: 720667018
Conc: 50.00 ng/ml



#41 AR-1268-1

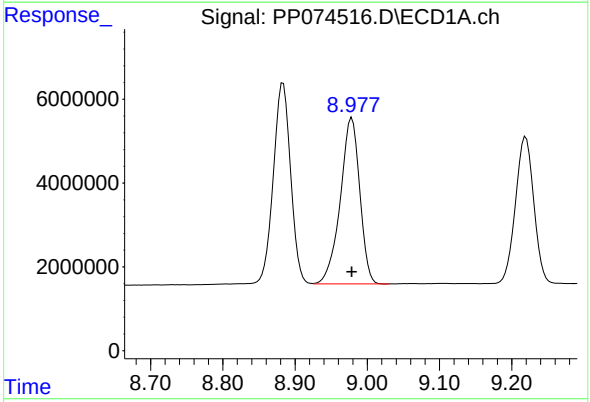
R.T.: 8.884 min
Delta R.T.: 0.000 min
Response: 79899530
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



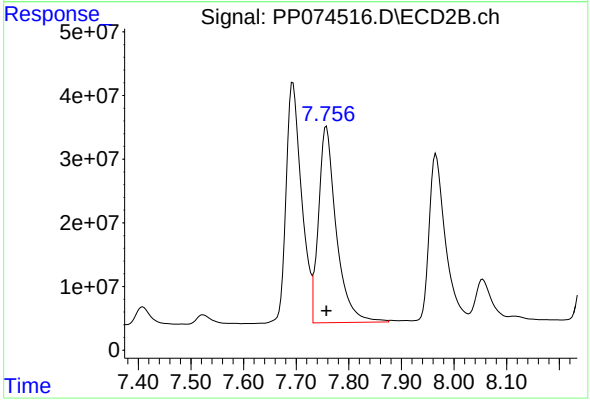
#41 AR-1268-1

R.T.: 7.694 min
Delta R.T.: 0.000 min
Response: 773413258
Conc: 500.00 ng/ml



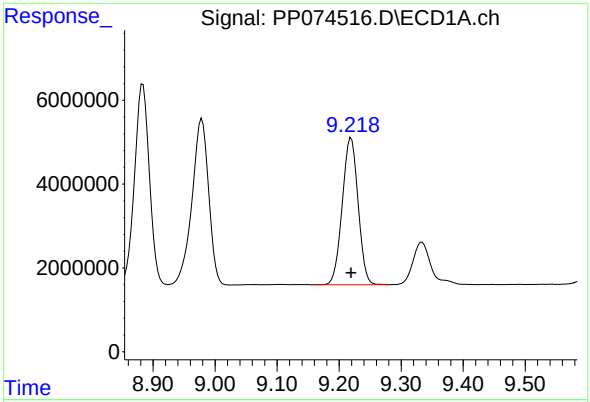
#42 AR-1268-2

R.T.: 8.979 min
Delta R.T.: 0.000 min
Response: 73984387
Conc: 500.00 ng/ml



#42 AR-1268-2

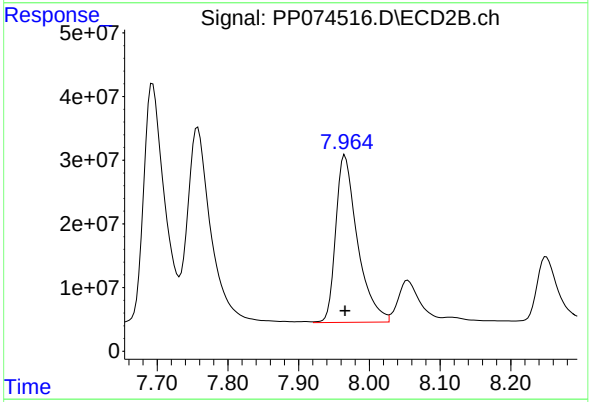
R.T.: 7.757 min
Delta R.T.: 0.000 min
Response: 721325993
Conc: 500.00 ng/ml



#43 AR-1268-3

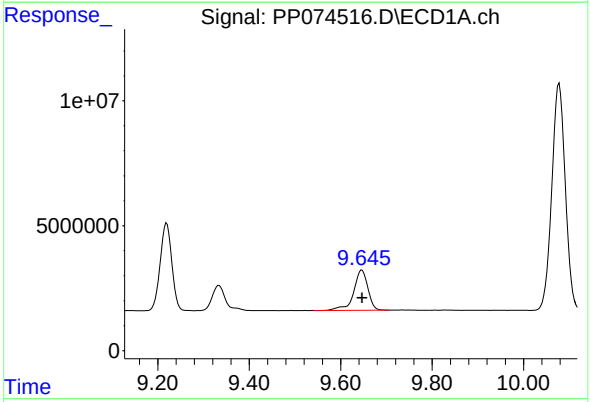
R.T.: 9.219 min
Delta R.T.: 0.000 min
Response: 62200769
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



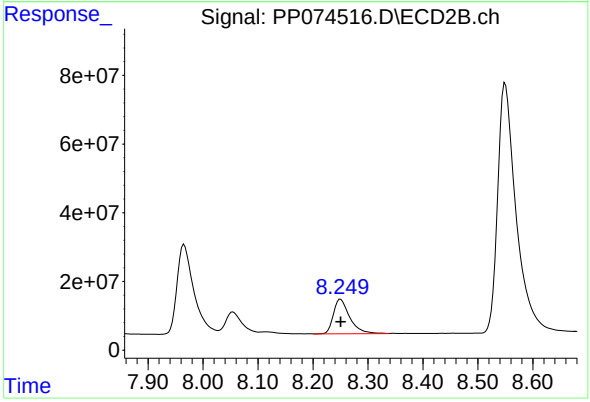
#43 AR-1268-3

R.T.: 7.966 min
Delta R.T.: 0.000 min
Response: 561886764
Conc: 500.00 ng/ml



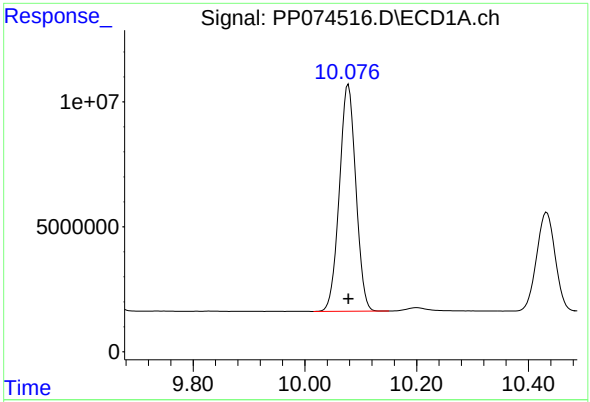
#44 AR-1268-4

R.T.: 9.646 min
Delta R.T.: 0.000 min
Response: 34592983
Conc: 500.00 ng/ml



#44 AR-1268-4

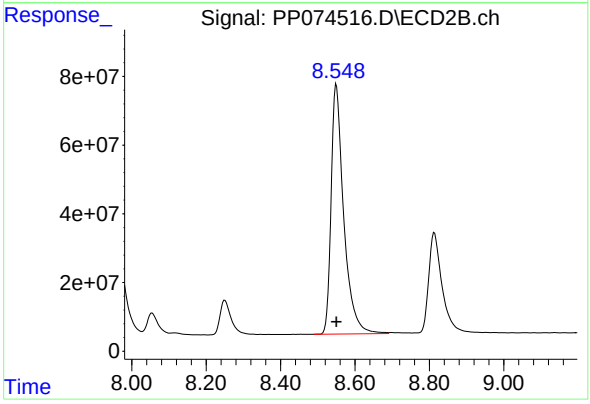
R.T.: 8.250 min
Delta R.T.: 0.000 min
Response: 207548974
Conc: 500.00 ng/ml



#45 AR-1268-5

R.T.: 10.078 min
Delta R.T.: 0.000 min
Response: 186133357
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



#45 AR-1268-5

R.T.: 8.550 min
Delta R.T.: 0.000 min
Response: 1710440454
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074517.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 17:19
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: Aug 20 05:49:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.660	3.803	32326809	120.4E6	26.594	24.385
2)	SA Decachlor...	10.437	8.818	49221283	358.0E6	27.097	24.836
	Target Compounds						
41)	L9 AR-1268-1	8.888	7.699	43809566	363.3E6	274.154	234.894
42)	L9 AR-1268-2	8.984	7.761	40268123	353.3E6	272.139	244.915
43)	L9 AR-1268-3	9.223	7.970	33730438	269.3E6	271.142	239.682
44)	L9 AR-1268-4	9.651	8.254	18081868	98406918	261.352	237.069
45)	L9 AR-1268-5	10.082	8.554	99244212	825.3E6	266.594	241.244

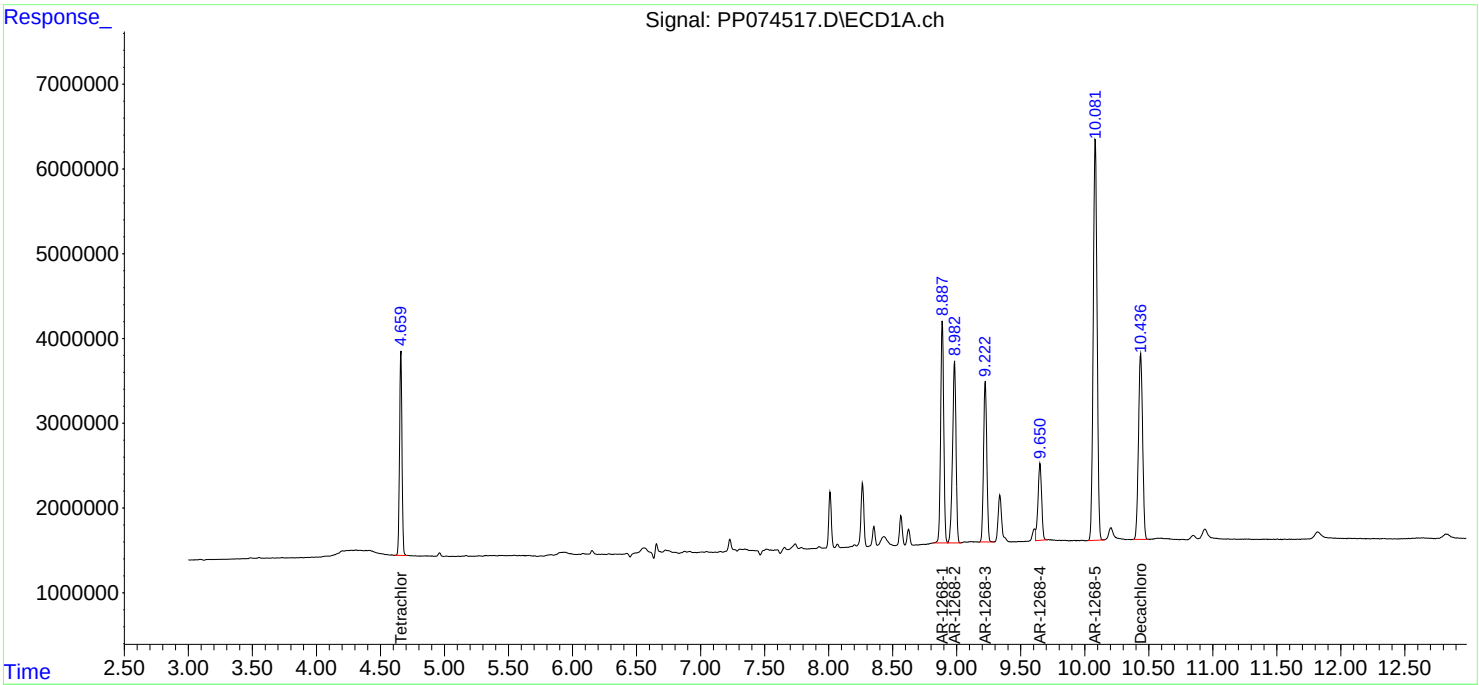
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

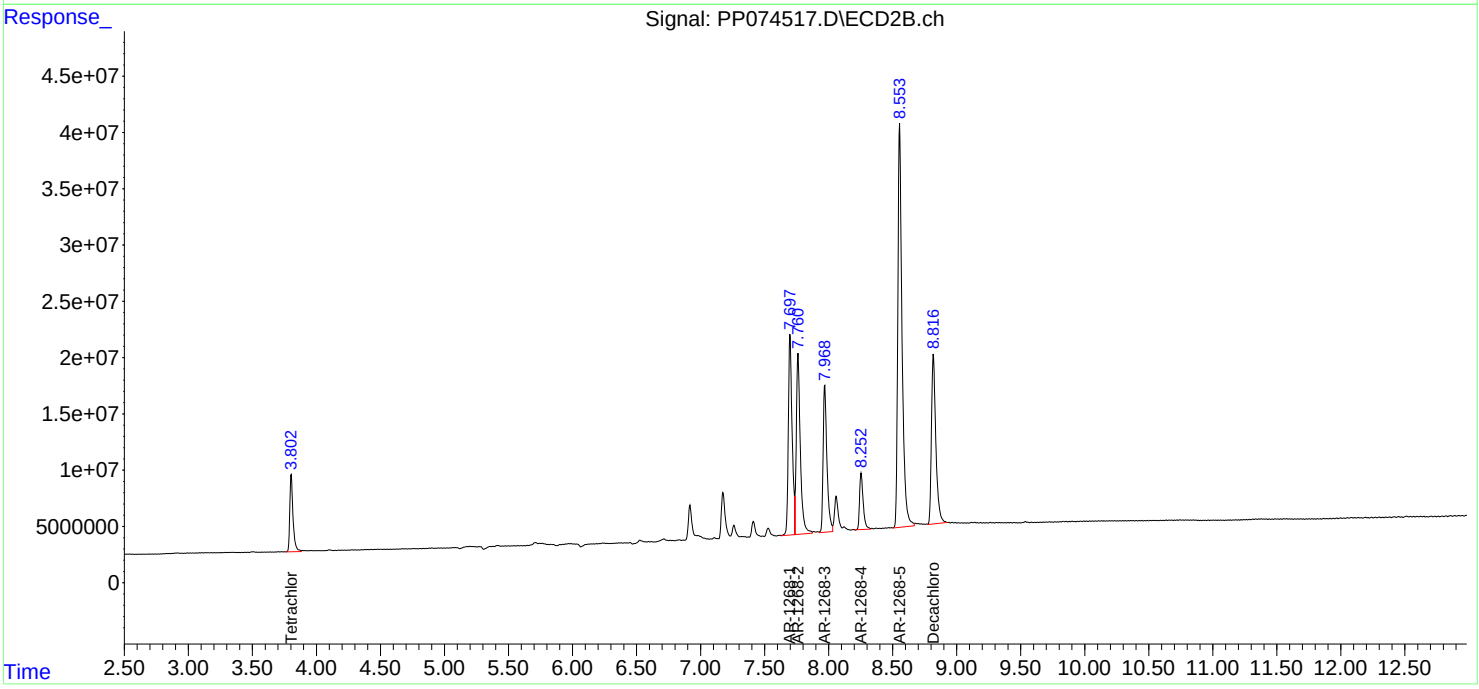
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074517.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 17:19
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

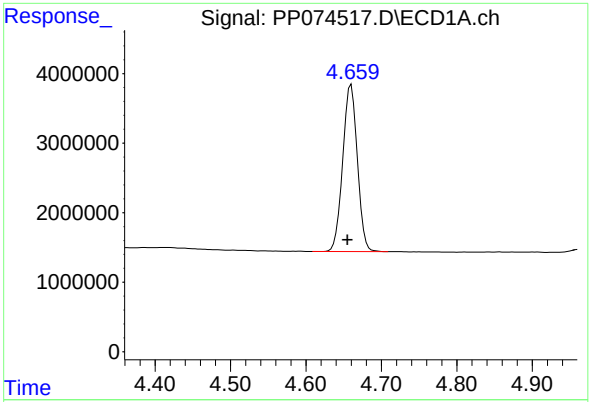
Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:49:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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



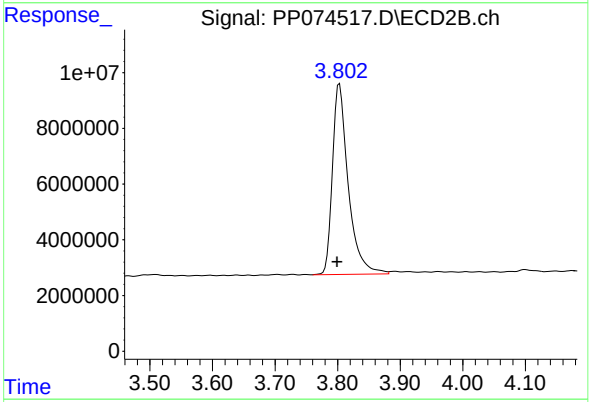




#1 Tetrachloro-m-xylene

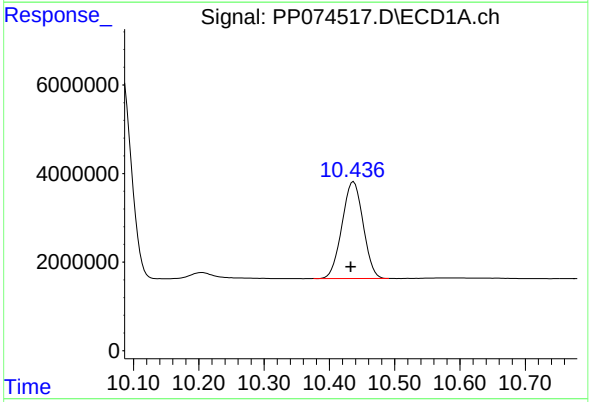
R.T.: 4.660 min
Delta R.T.: 0.005 min
Response: 32326809
Conc: 26.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



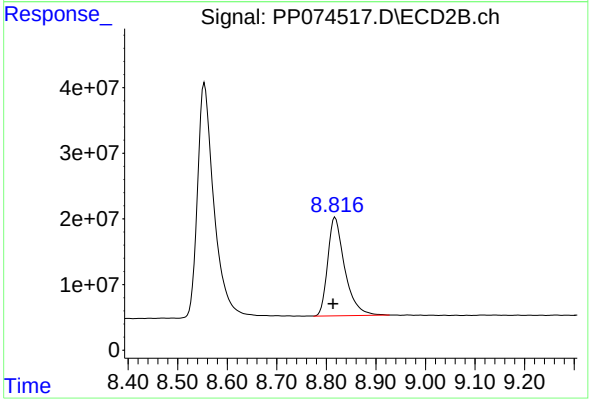
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.004 min
Response: 120389060
Conc: 24.38 ng/ml



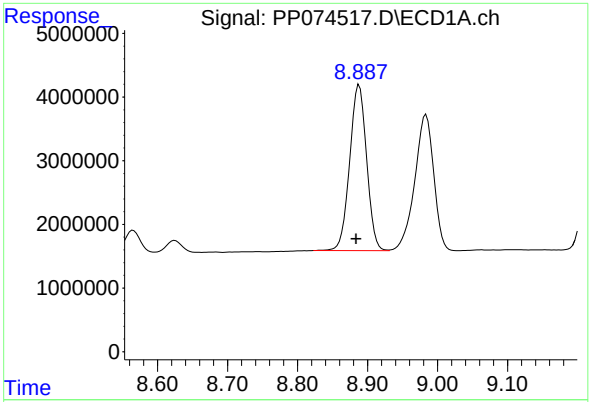
#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.004 min
Response: 49221283
Conc: 27.10 ng/ml



#2 Decachlorobiphenyl

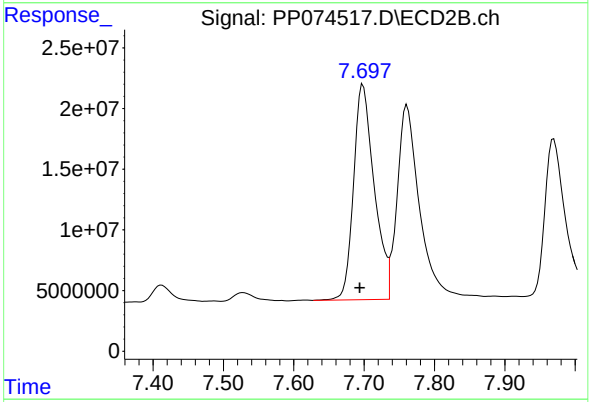
R.T.: 8.818 min
Delta R.T.: 0.004 min
Response: 357966979
Conc: 24.84 ng/ml



#41 AR-1268-1

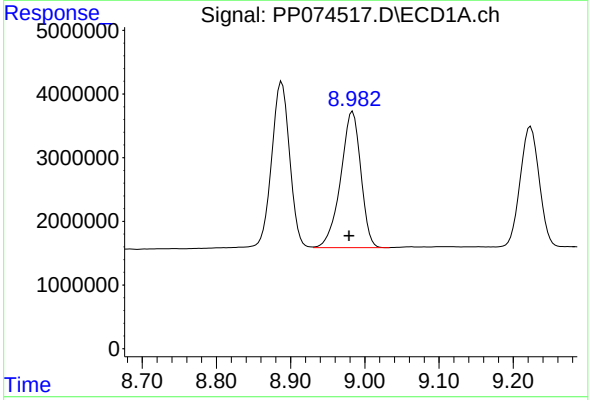
R.T.: 8.888 min
Delta R.T.: 0.005 min
Response: 43809566
Conc: 274.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



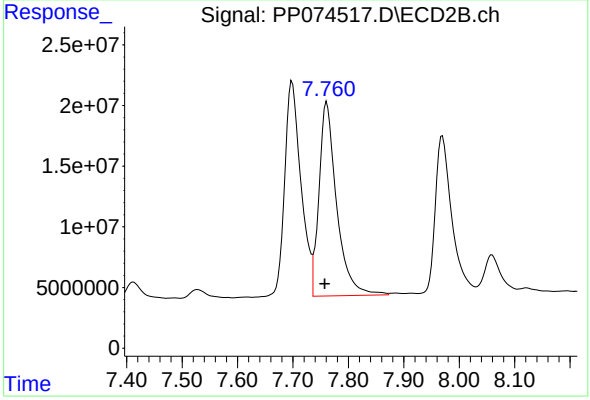
#41 AR-1268-1

R.T.: 7.699 min
Delta R.T.: 0.005 min
Response: 363340717
Conc: 234.89 ng/ml



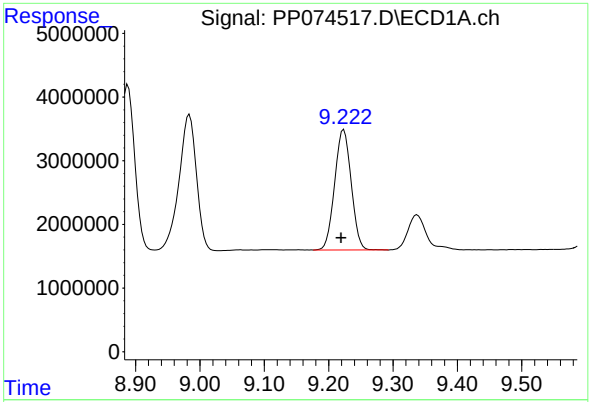
#42 AR-1268-2

R.T.: 8.984 min
Delta R.T.: 0.005 min
Response: 40268123
Conc: 272.14 ng/ml



#42 AR-1268-2

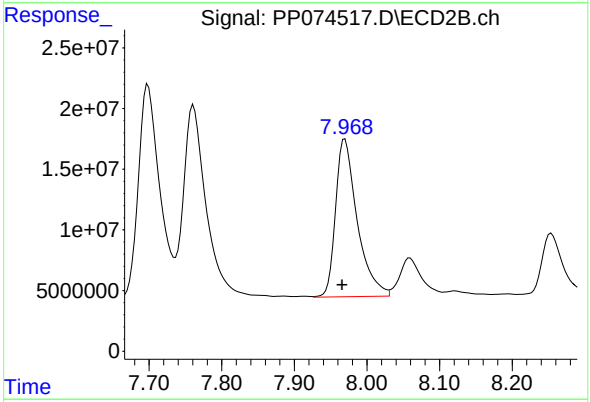
R.T.: 7.761 min
Delta R.T.: 0.003 min
Response: 353327141
Conc: 244.92 ng/ml



#43 AR-1268-3

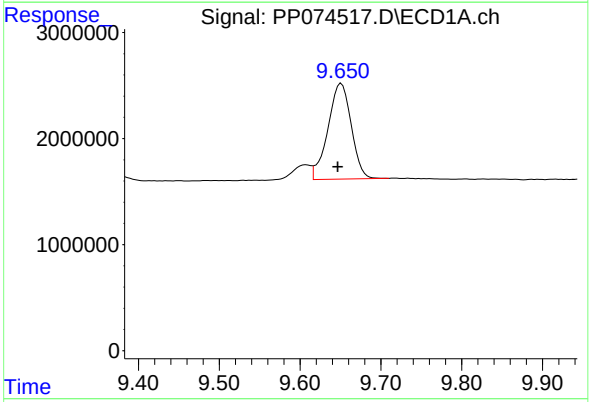
R.T.: 9.223 min
Delta R.T.: 0.004 min
Response: 33730438
Conc: 271.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



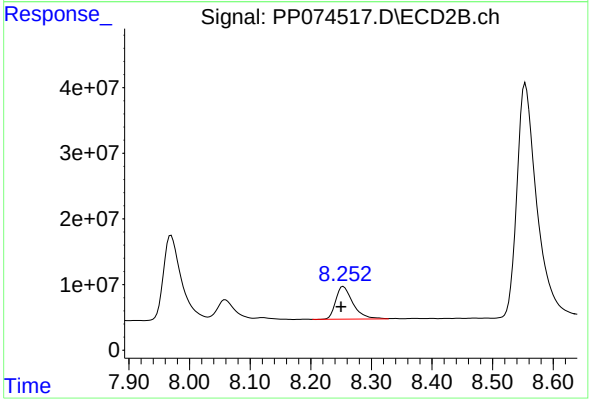
#43 AR-1268-3

R.T.: 7.970 min
Delta R.T.: 0.004 min
Response: 269348636
Conc: 239.68 ng/ml



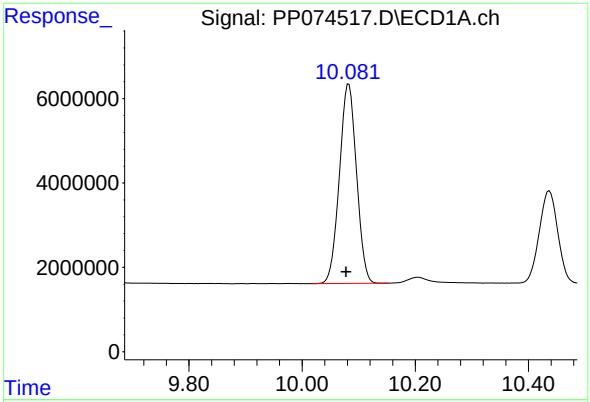
#44 AR-1268-4

R.T.: 9.651 min
Delta R.T.: 0.005 min
Response: 18081868
Conc: 261.35 ng/ml



#44 AR-1268-4

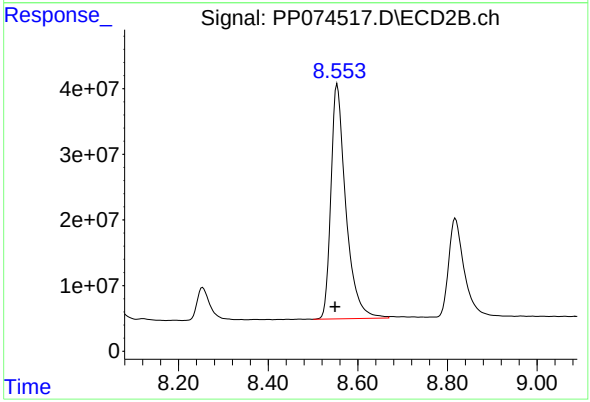
R.T.: 8.254 min
Delta R.T.: 0.004 min
Response: 98406918
Conc: 237.07 ng/ml



#45 AR-1268-5

R.T.: 10.082 min
Delta R.T.: 0.005 min
Response: 99244212
Conc: 266.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



#45 AR-1268-5

R.T.: 8.554 min
Delta R.T.: 0.004 min
Response: 825265667
Conc: 241.24 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074518.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 17:36
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:49:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.655	3.797	5929694	15207908	4.878	3.080m#
2)	SA Decachlor...	10.433	8.813	9232334	53747483	5.082	3.729 #
	Target Compounds						
41)	L9 AR-1268-1	8.884	7.693	9026003	52383576	56.483	33.865 #
42)	L9 AR-1268-2	8.980	7.756	7560556	47155232	51.096	32.686 #
43)	L9 AR-1268-3	9.219	7.964	6519117	39184495	52.404	34.869 #
44)	L9 AR-1268-4	9.647	8.250	3622509	12757141	52.359	30.733 #
45)	L9 AR-1268-5	10.078	8.549	19064676	111.1E6	51.212	32.473 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074518.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 17:36
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

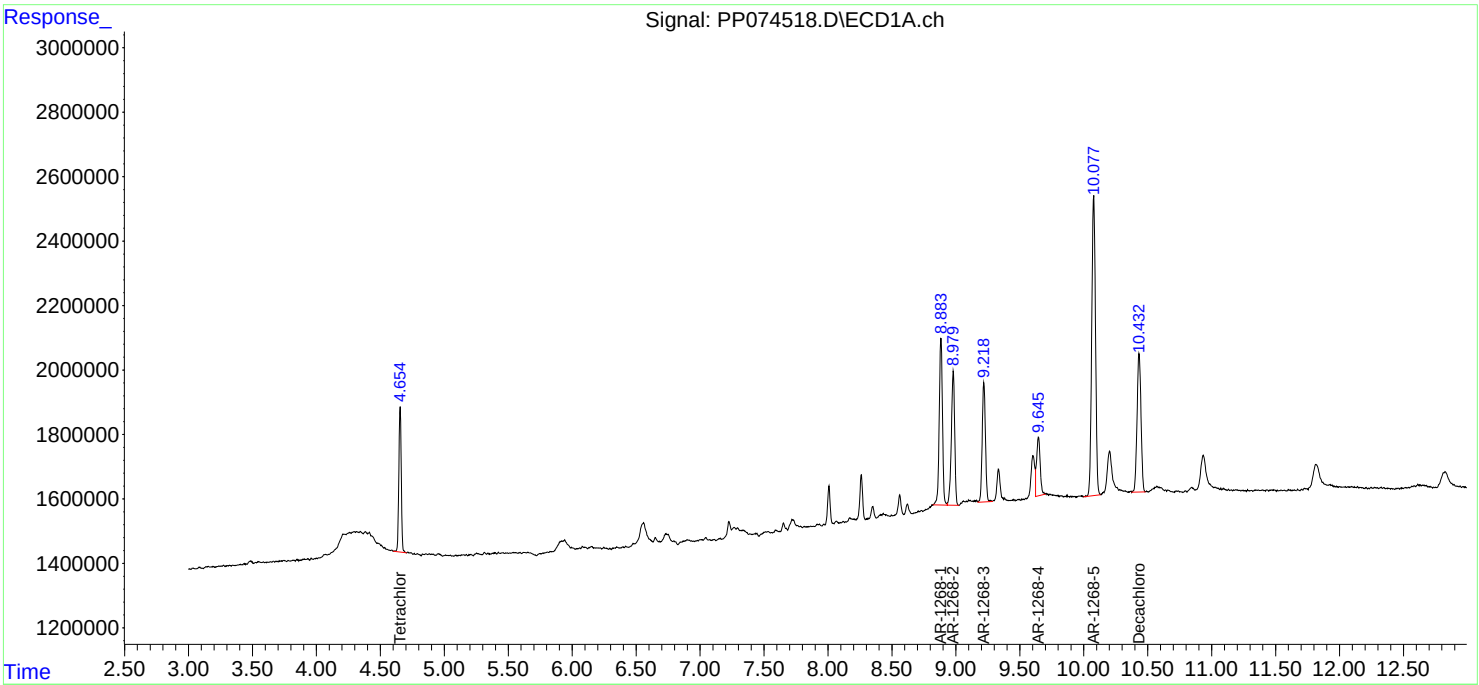
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

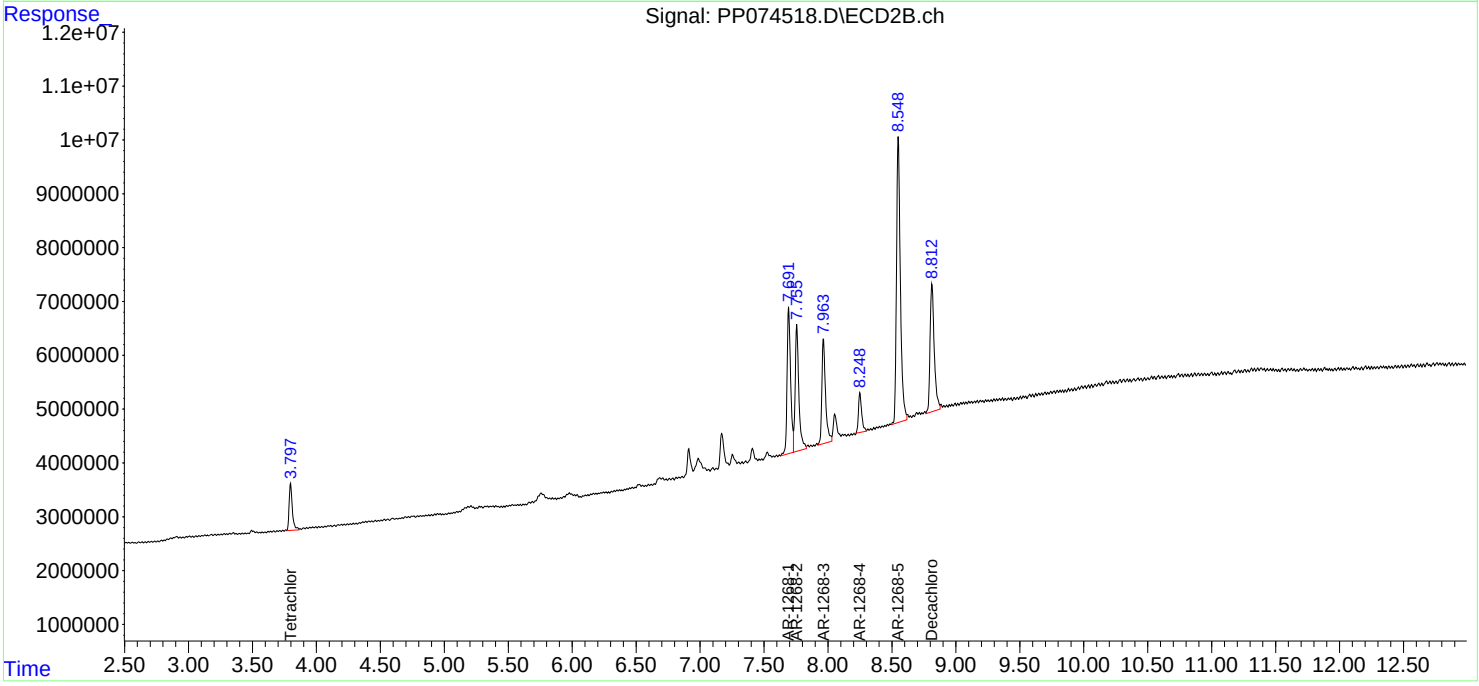
Manual Integrations APPROVED

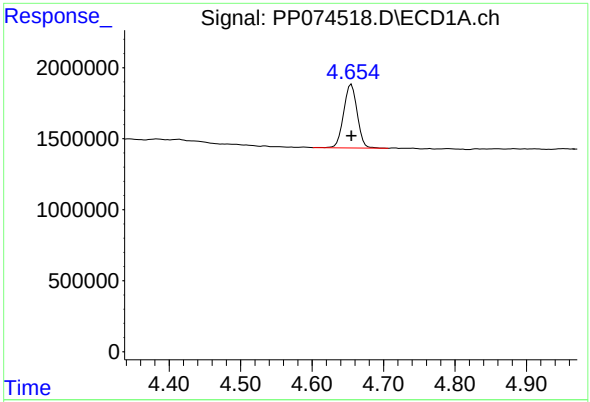
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:49:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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







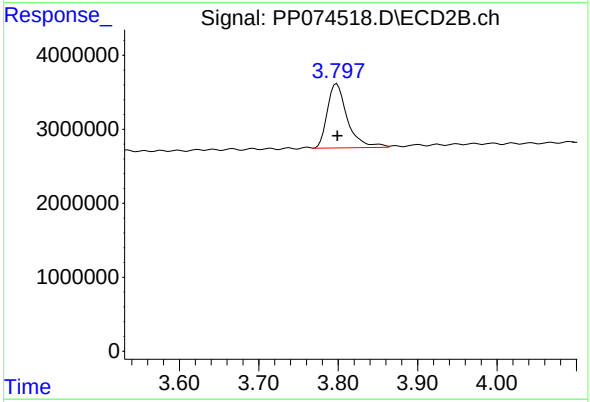
#1 Tetrachloro-m-xylene

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 5929694
Conc: 4.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

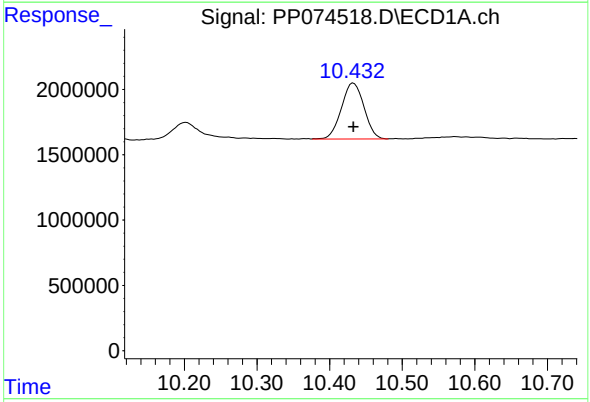
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



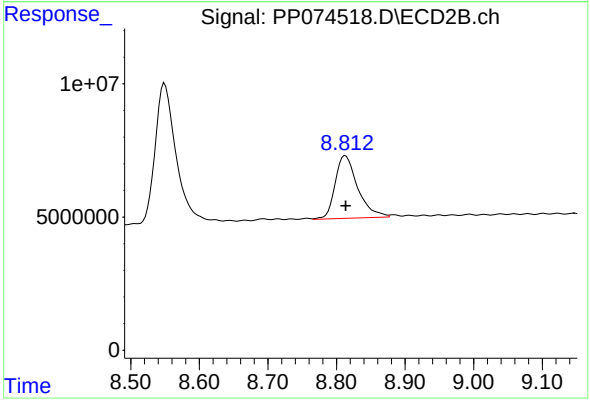
#1 Tetrachloro-m-xylene

R.T.: 3.797 min
Delta R.T.: -0.002 min
Response: 15207908
Conc: 3.08 ng/ml m



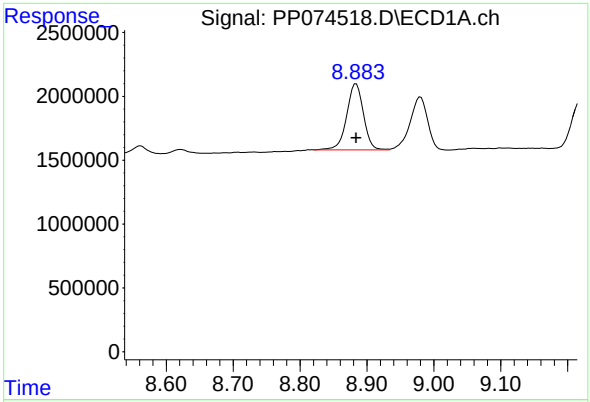
#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.000 min
Response: 9232334
Conc: 5.08 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.813 min
Delta R.T.: 0.000 min
Response: 53747483
Conc: 3.73 ng/ml



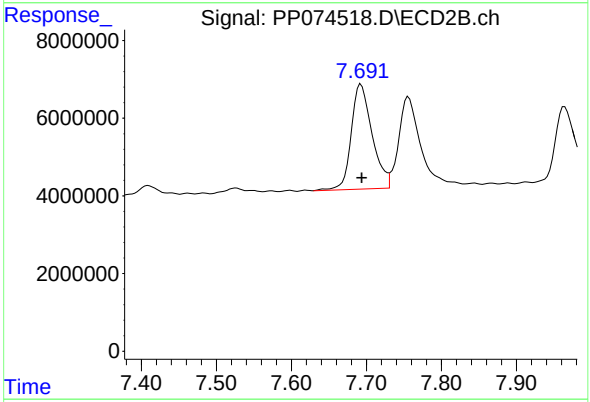
#41 AR-1268-1

R.T.: 8.884 min
Delta R.T.: 0.000 min
Response: 9026003
Conc: 56.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

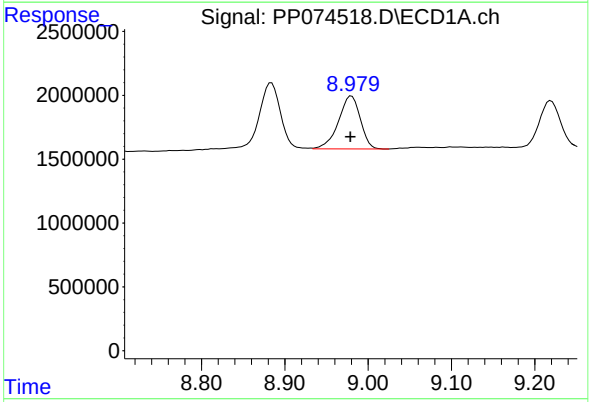
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



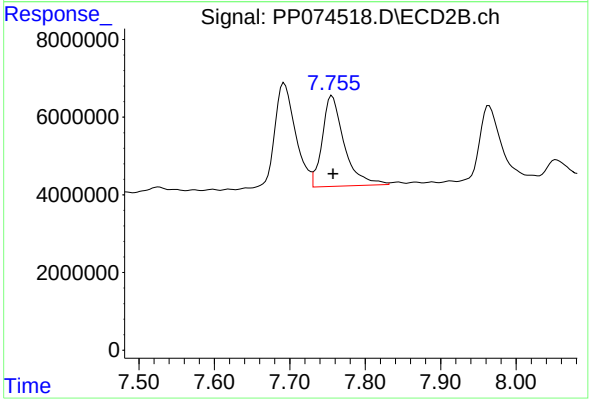
#41 AR-1268-1

R.T.: 7.693 min
Delta R.T.: -0.001 min
Response: 52383576
Conc: 33.87 ng/ml



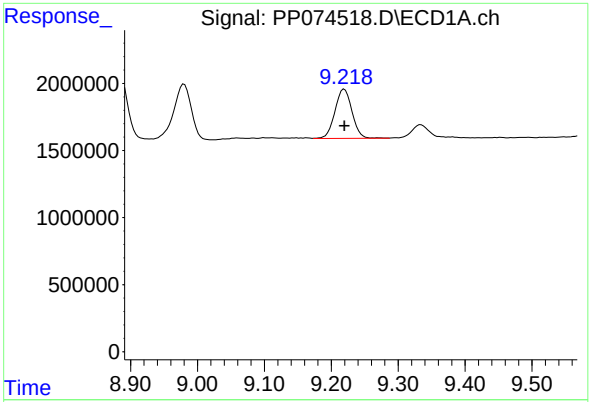
#42 AR-1268-2

R.T.: 8.980 min
Delta R.T.: 0.001 min
Response: 7560556
Conc: 51.10 ng/ml



#42 AR-1268-2

R.T.: 7.756 min
Delta R.T.: -0.001 min
Response: 47155232
Conc: 32.69 ng/ml



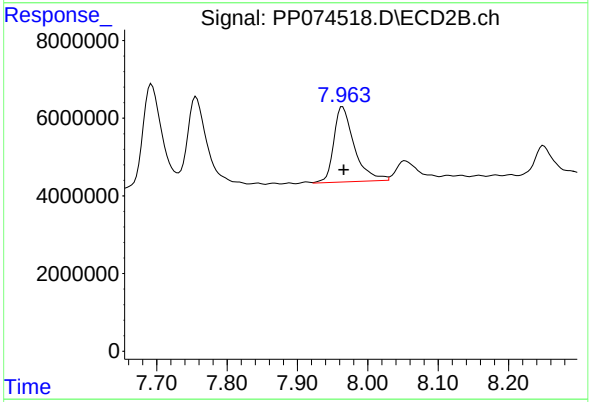
#43 AR-1268-3

R.T.: 9.219 min
Delta R.T.: 0.000 min
Response: 6519117
Conc: 52.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

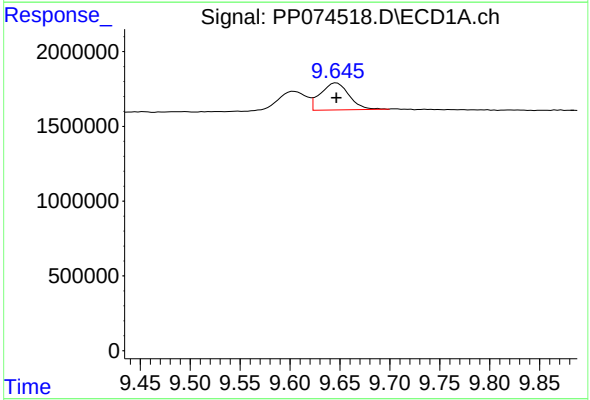
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



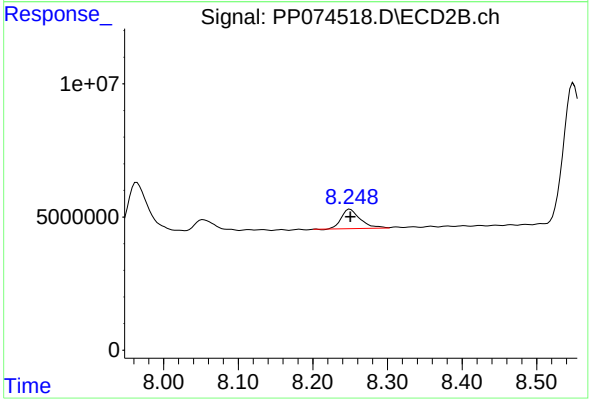
#43 AR-1268-3

R.T.: 7.964 min
Delta R.T.: -0.001 min
Response: 39184495
Conc: 34.87 ng/ml



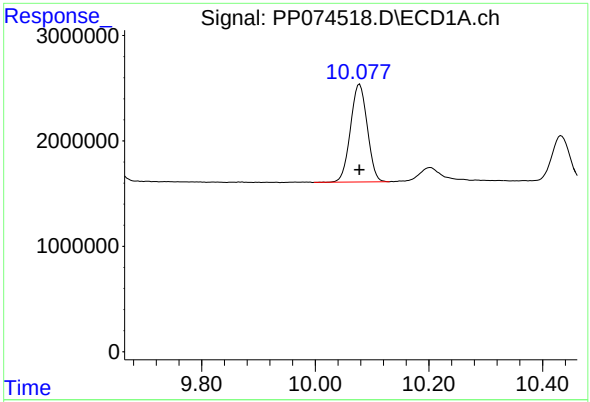
#44 AR-1268-4

R.T.: 9.647 min
Delta R.T.: 0.000 min
Response: 3622509
Conc: 52.36 ng/ml



#44 AR-1268-4

R.T.: 8.250 min
Delta R.T.: 0.000 min
Response: 12757141
Conc: 30.73 ng/ml



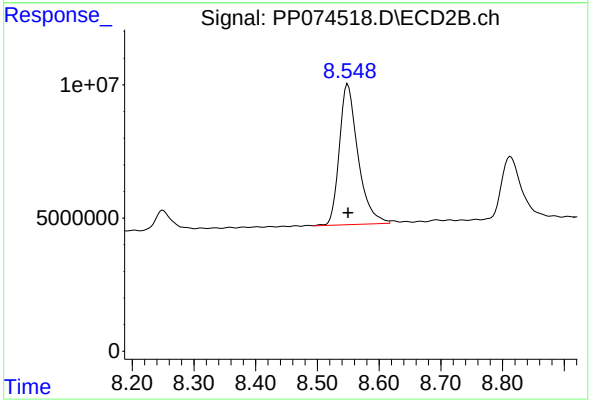
#45 AR-1268-5

R.T.: 10.078 min
Delta R.T.: 0.000 min
Response: 19064676
Conc: 51.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



#45 AR-1268-5

R.T.: 8.549 min
Delta R.T.: 0.000 min
Response: 111087591
Conc: 32.47 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074519.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 17:52
Operator : YP\AJ
Sample : PP081925ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP081925

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:23:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.658	3.802	56842653	228.5E6	46.452	47.259
2)	SA Decachlor...	10.435	8.817	50219148	360.9E6	50.854	48.127
	Target Compounds						
3)	L1 AR-1016-1	5.809	4.901	20384085	238.3E6	462.341	467.803
4)	L1 AR-1016-2	5.830	4.960	30649421	113.5E6	487.725	476.718
5)	L1 AR-1016-3	5.893	5.079	20869297	64619014	464.651	468.581
6)	L1 AR-1016-4	5.990	5.121	17006846	64496987	483.399	461.341
7)	L1 AR-1016-5	6.283	5.335	16393488	71417891	493.987	430.012
31)	L7 AR-1260-1	7.400	6.365	27587306	174.2E6	477.210	464.246
32)	L7 AR-1260-2	7.652	6.551	32691813	240.4E6	474.362	454.622
33)	L7 AR-1260-3	8.011	6.705	26067073	184.7E6	502.398	426.529
34)	L7 AR-1260-4	8.239	7.174	30945462	184.5E6	485.094	483.638
35)	L7 AR-1260-5	8.564	7.414	54844125	472.4E6	483.583	470.272

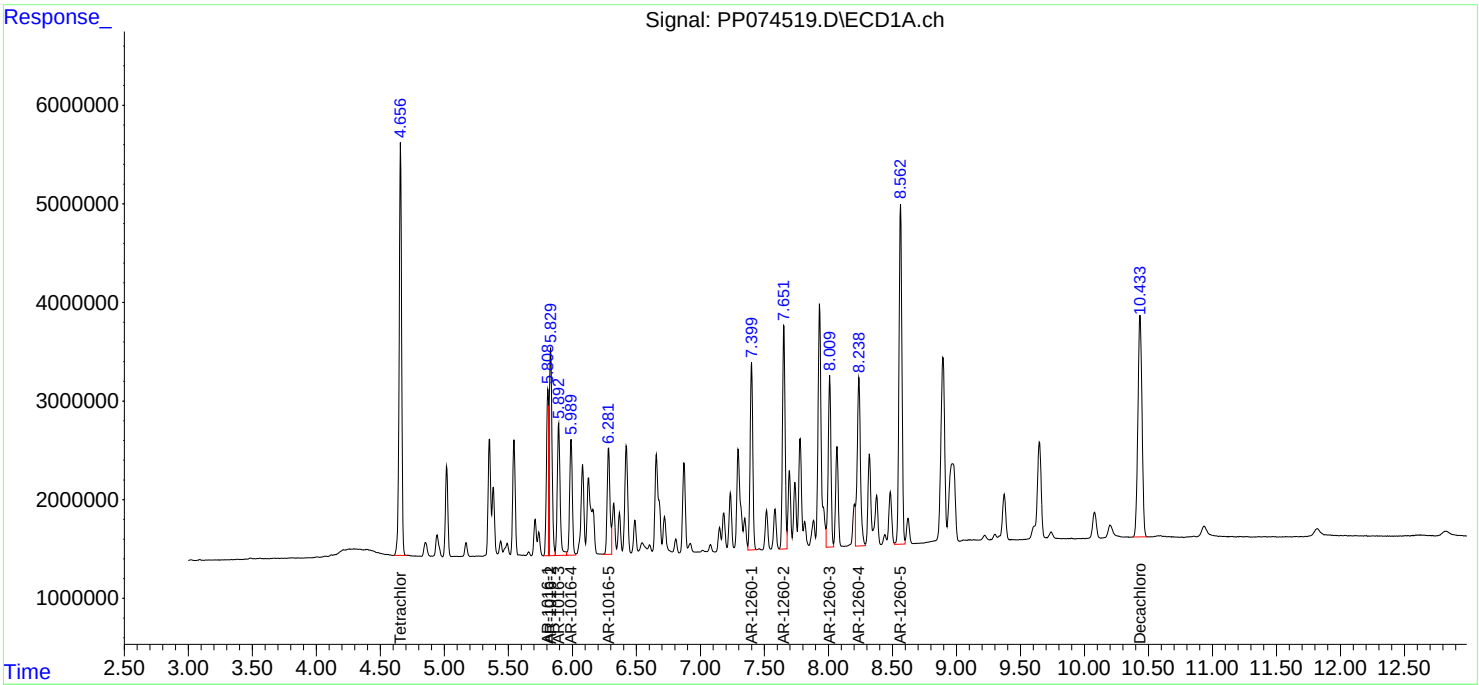
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

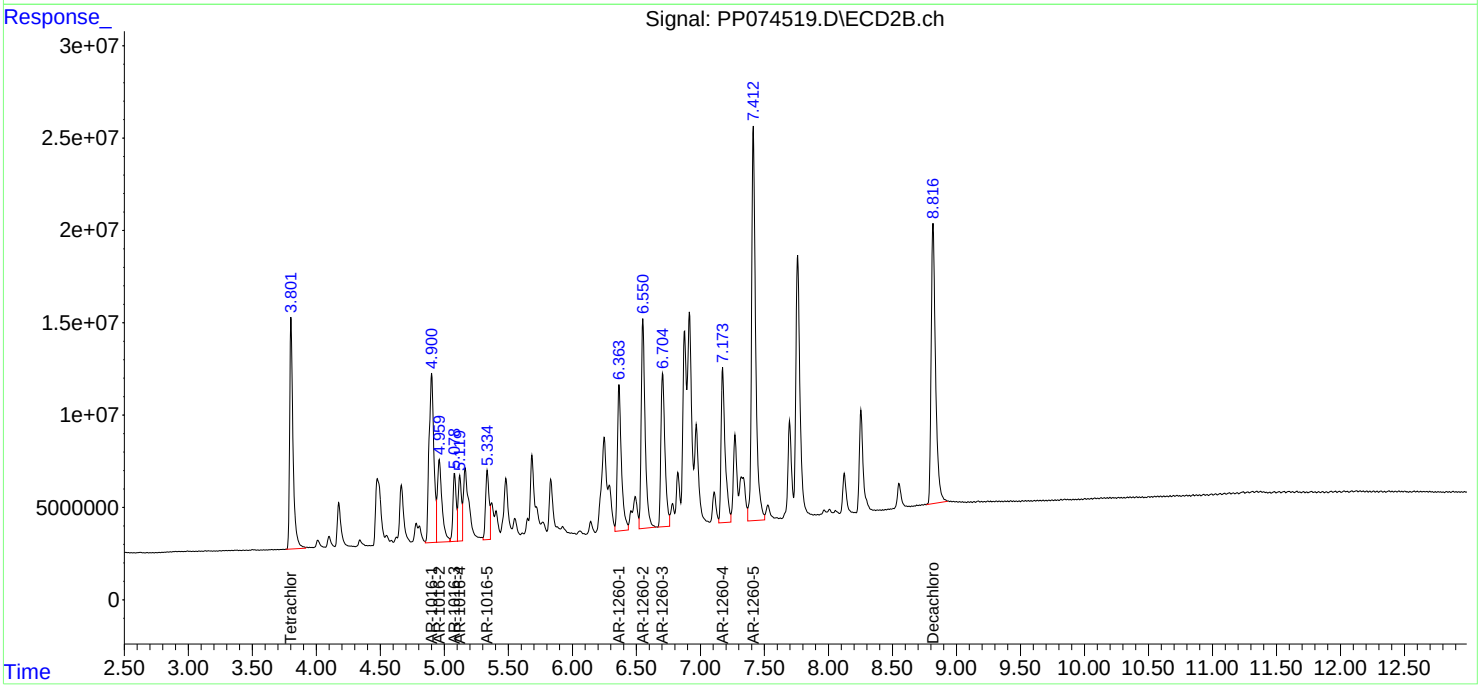
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074519.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 17:52
Operator : YP\AJ
Sample : PP081925ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

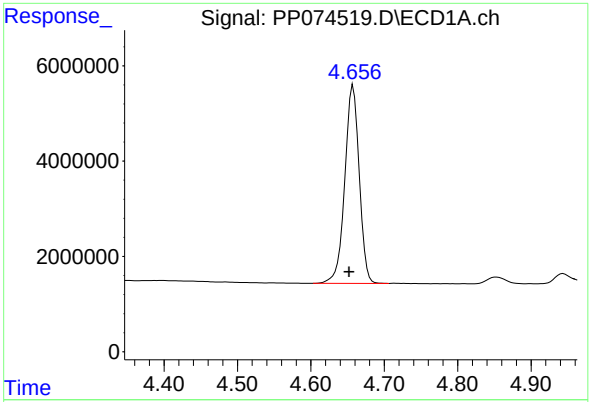
Instrument :
ECD_P
ClientSampleId :
ICVPP081925

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:23:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



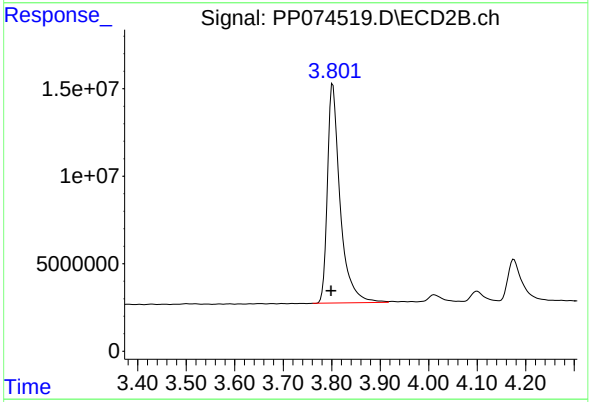




#1 Tetrachloro-m-xylene

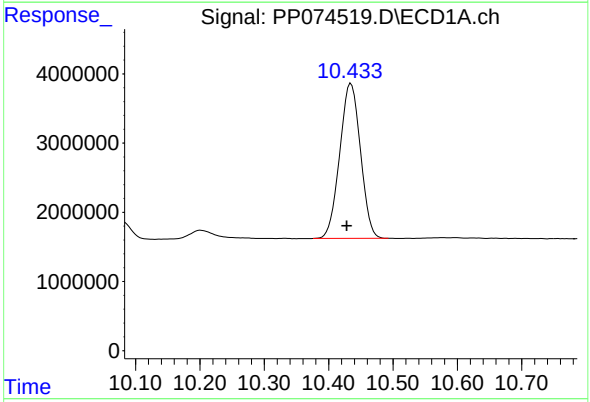
R.T.: 4.658 min
Delta R.T.: 0.006 min
Response: 56842653
Conc: 46.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925



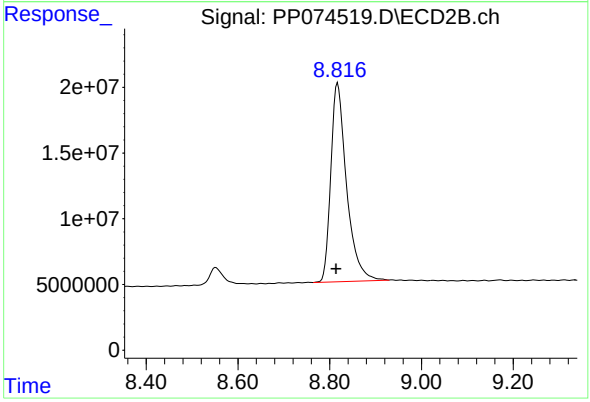
#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: 0.004 min
Response: 228519207
Conc: 47.26 ng/ml



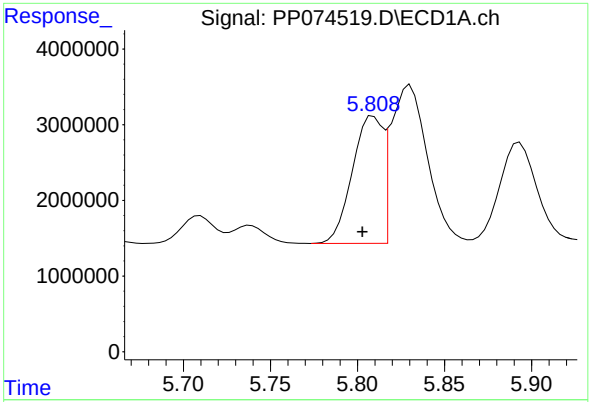
#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: 0.006 min
Response: 50219148
Conc: 50.85 ng/ml



#2 Decachlorobiphenyl

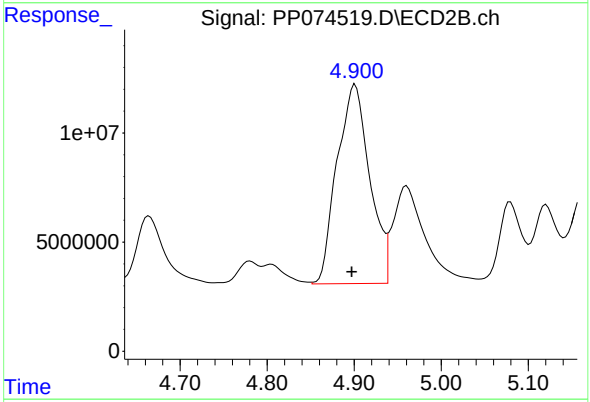
R.T.: 8.817 min
Delta R.T.: 0.003 min
Response: 360911594
Conc: 48.13 ng/ml



#3 AR-1016-1

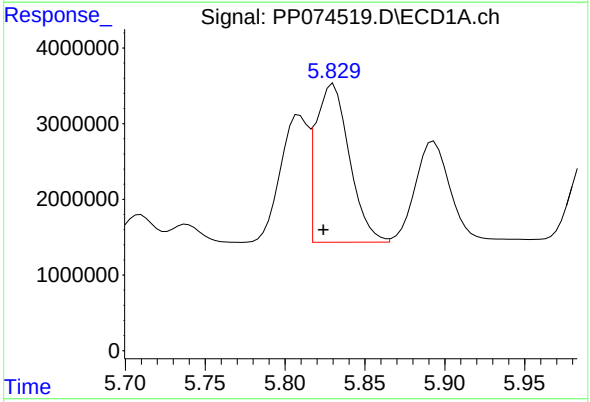
R.T.: 5.809 min
Delta R.T.: 0.006 min
Response: 20384085
Conc: 462.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925



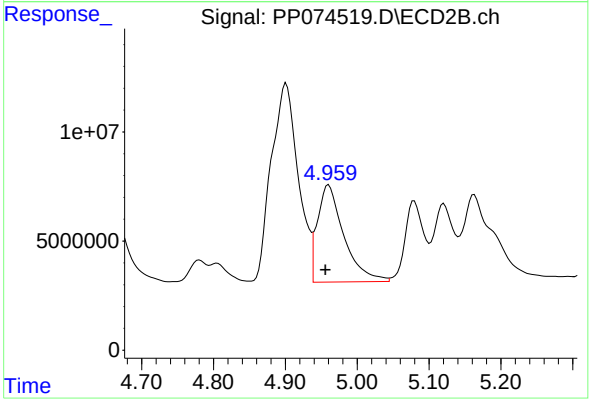
#3 AR-1016-1

R.T.: 4.901 min
Delta R.T.: 0.004 min
Response: 238277193
Conc: 467.80 ng/ml



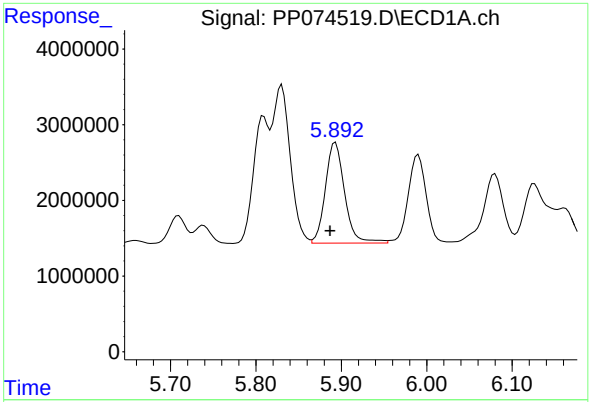
#4 AR-1016-2

R.T.: 5.830 min
Delta R.T.: 0.006 min
Response: 30649421
Conc: 487.72 ng/ml



#4 AR-1016-2

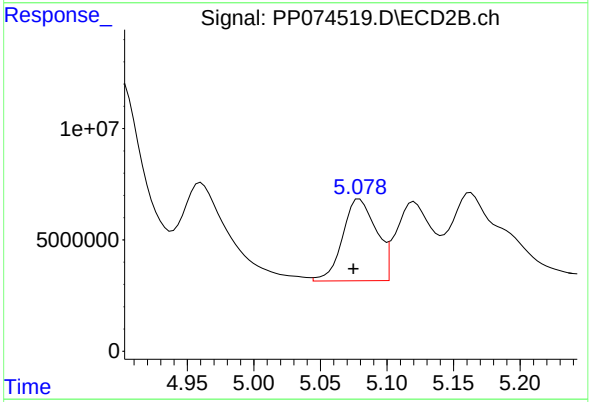
R.T.: 4.960 min
Delta R.T.: 0.005 min
Response: 113466189
Conc: 476.72 ng/ml



#5 AR-1016-3

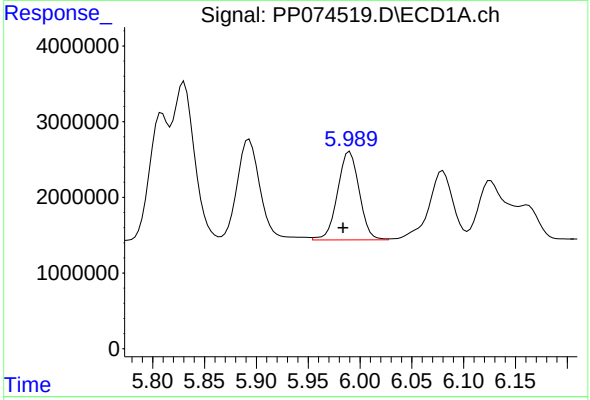
R.T.: 5.893 min
Delta R.T.: 0.006 min
Response: 20869297
Conc: 464.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925



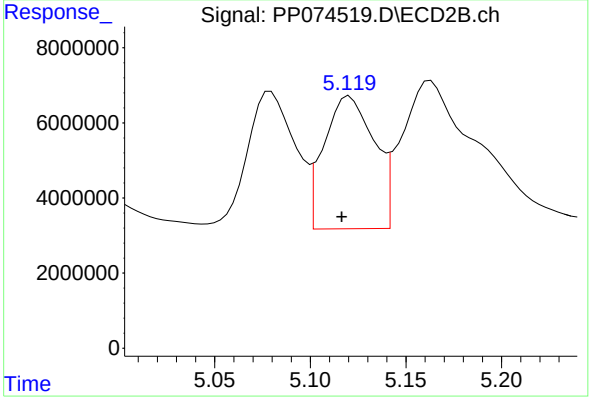
#5 AR-1016-3

R.T.: 5.079 min
Delta R.T.: 0.005 min
Response: 64619014
Conc: 468.58 ng/ml



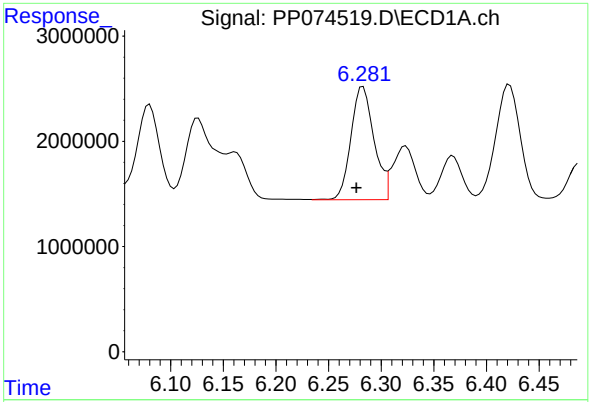
#6 AR-1016-4

R.T.: 5.990 min
Delta R.T.: 0.007 min
Response: 17006846
Conc: 483.40 ng/ml



#6 AR-1016-4

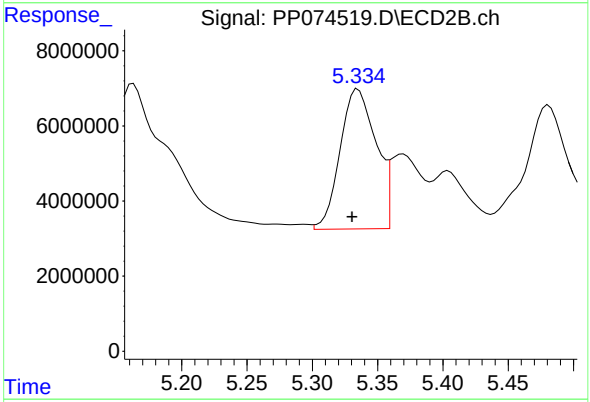
R.T.: 5.121 min
Delta R.T.: 0.004 min
Response: 64496987
Conc: 461.34 ng/ml



#7 AR-1016-5

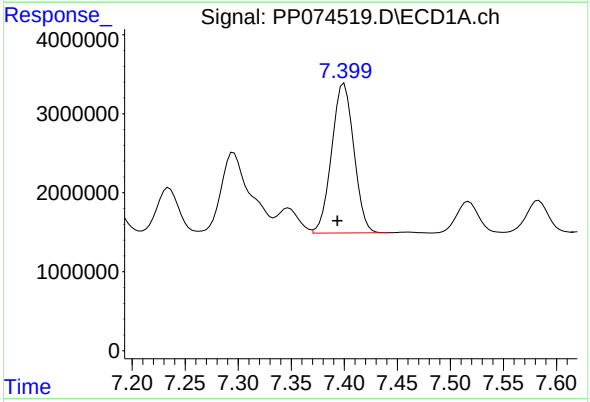
R.T.: 6.283 min
Delta R.T.: 0.006 min
Response: 16393488
Conc: 493.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925



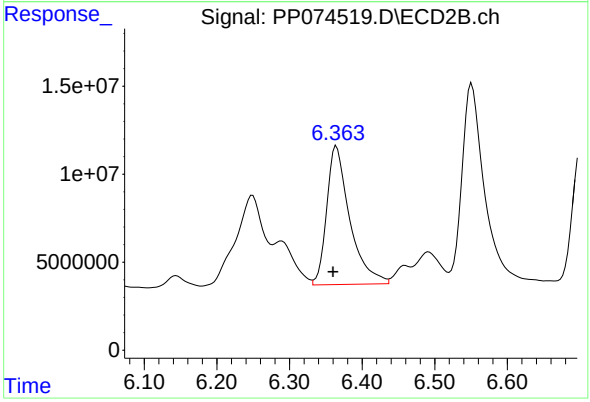
#7 AR-1016-5

R.T.: 5.335 min
Delta R.T.: 0.005 min
Response: 71417891
Conc: 430.01 ng/ml



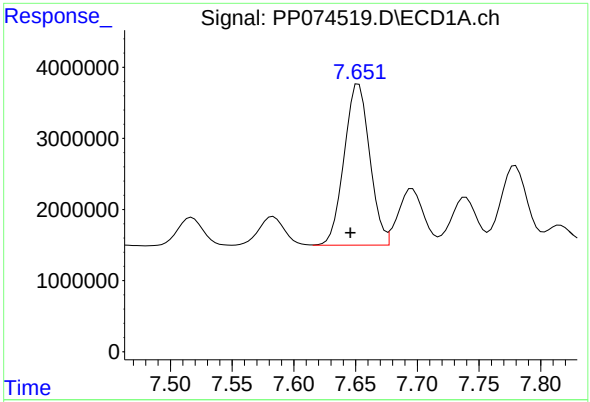
#31 AR-1260-1

R.T.: 7.400 min
Delta R.T.: 0.006 min
Response: 27587306
Conc: 477.21 ng/ml



#31 AR-1260-1

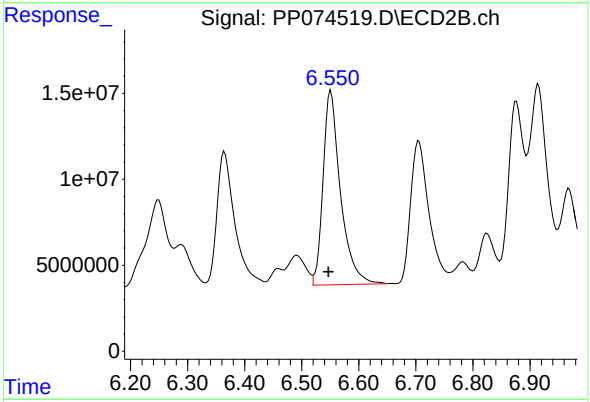
R.T.: 6.365 min
Delta R.T.: 0.005 min
Response: 174195898
Conc: 464.25 ng/ml



#32 AR-1260-2

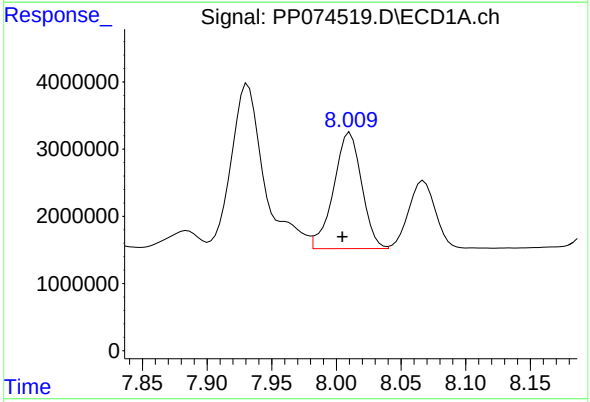
R.T.: 7.652 min
Delta R.T.: 0.006 min
Response: 32691813
Conc: 474.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925



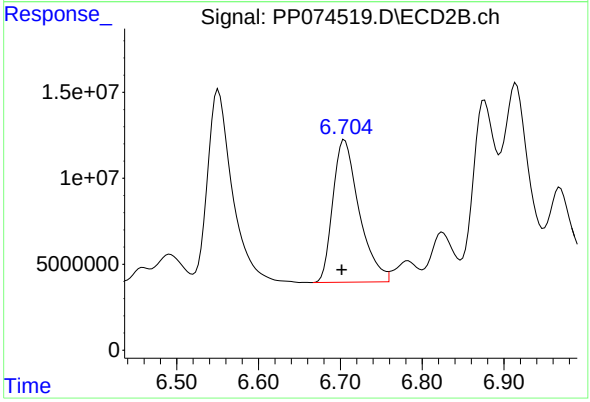
#32 AR-1260-2

R.T.: 6.551 min
Delta R.T.: 0.004 min
Response: 240410950
Conc: 454.62 ng/ml



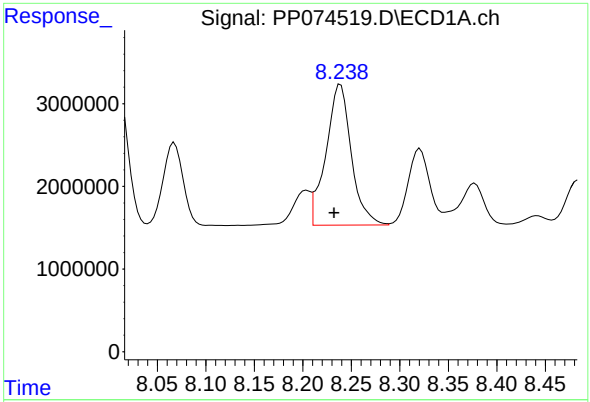
#33 AR-1260-3

R.T.: 8.011 min
Delta R.T.: 0.006 min
Response: 26067073
Conc: 502.40 ng/ml



#33 AR-1260-3

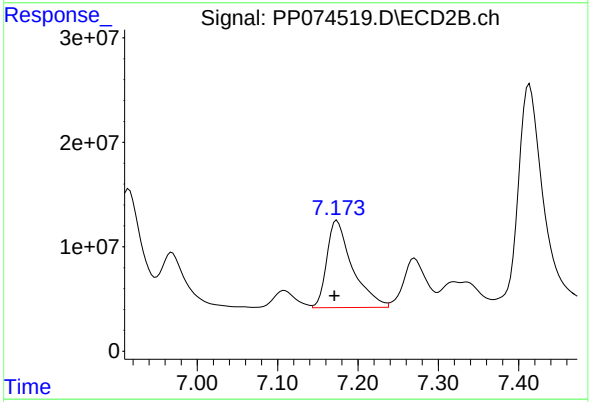
R.T.: 6.705 min
Delta R.T.: 0.004 min
Response: 184687580
Conc: 426.53 ng/ml



#34 AR-1260-4

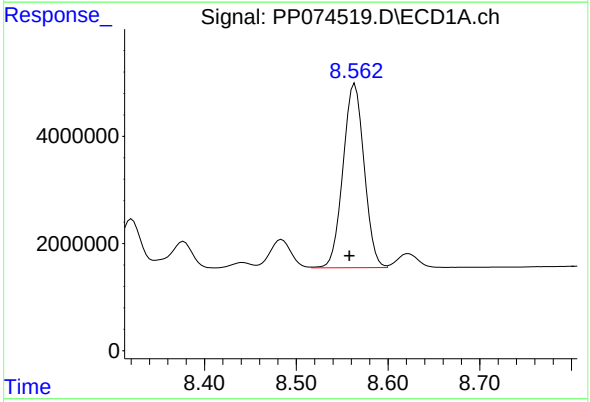
R.T.: 8.239 min
Delta R.T.: 0.007 min
Response: 30945462
Conc: 485.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925



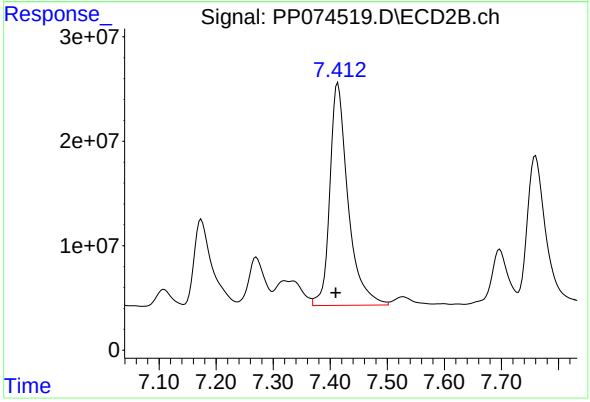
#34 AR-1260-4

R.T.: 7.174 min
Delta R.T.: 0.003 min
Response: 184495236
Conc: 483.64 ng/ml



#35 AR-1260-5

R.T.: 8.564 min
Delta R.T.: 0.006 min
Response: 54844125
Conc: 483.58 ng/ml



#35 AR-1260-5

R.T.: 7.414 min
Delta R.T.: 0.004 min
Response: 472379018
Conc: 470.27 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074520.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 19:13
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1242

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 07:34:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.655	3.800	61135884	251.3E6	49.960	51.980
2)	SA Decachlor...	10.431	8.814	53404053	390.6E6	54.079	52.086
	Target Compounds						
16)	L4 AR-1242-1	5.806	4.899	19151882	227.5E6	500.373	539.355
17)	L4 AR-1242-2	5.828	4.957	28372669	113.8E6	502.331	568.037
18)	L4 AR-1242-3	5.890	5.077	19007473	66780181	468.131	564.507
19)	L4 AR-1242-4	5.987	5.159	15591341	74977569	491.192	438.057m
20)	L4 AR-1242-5	6.716	5.679	20582509	100.2E6	570.617	541.319m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074520.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 19:13
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 47 Sample Multiplier: 1

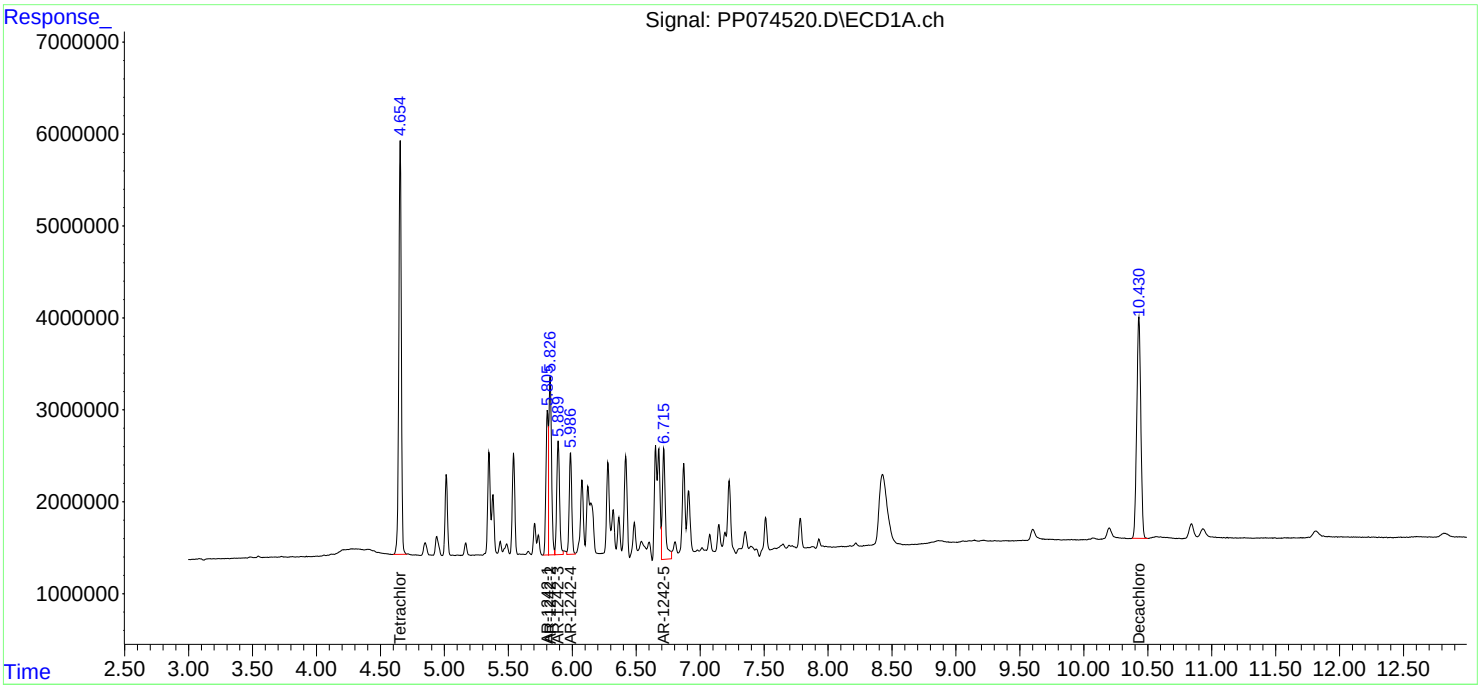
Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1242

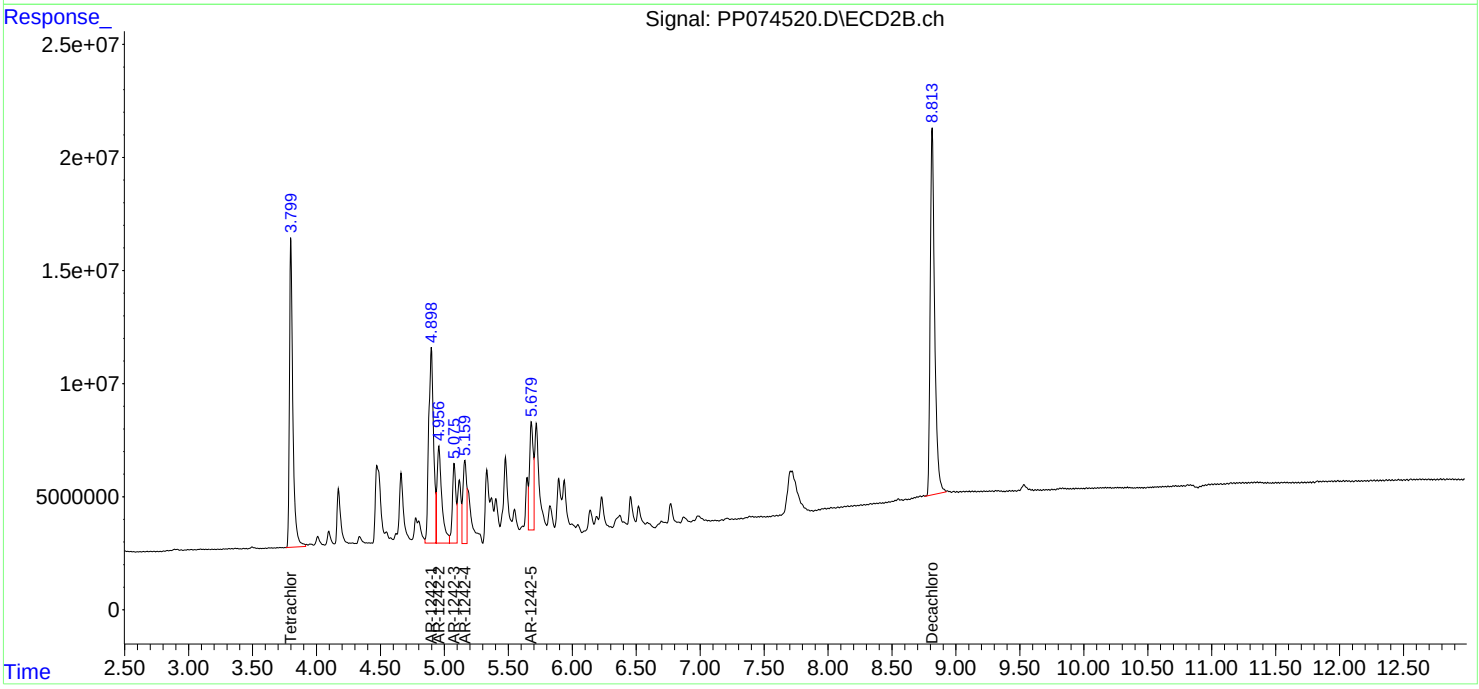
Manual Integrations APPROVED

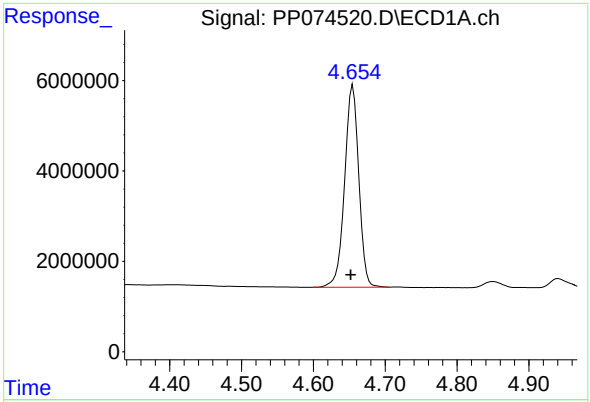
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 07:34:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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







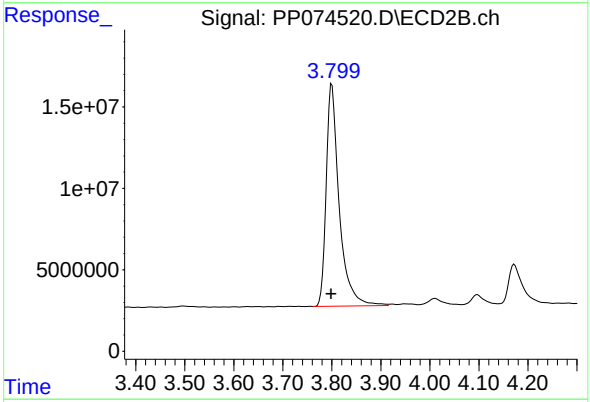
#1 Tetrachloro-m-xylene

R.T.: 4.655 min
Delta R.T.: 0.003 min
Response: 61135884
Conc: 49.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1242

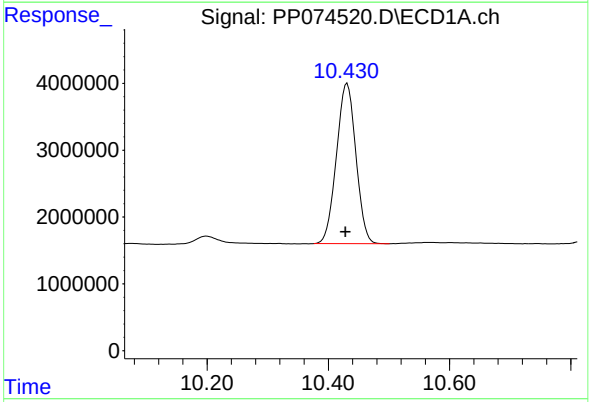
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



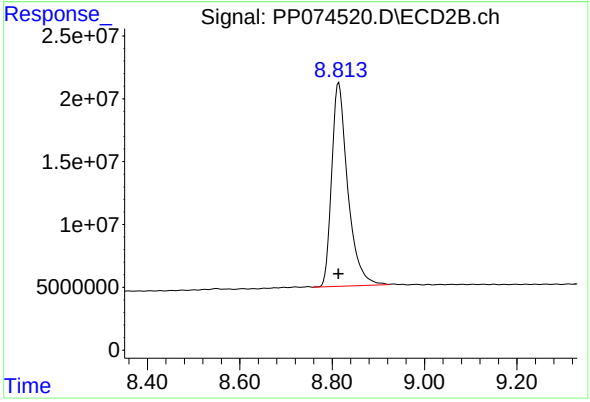
#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: 0.001 min
Response: 251343147
Conc: 51.98 ng/ml



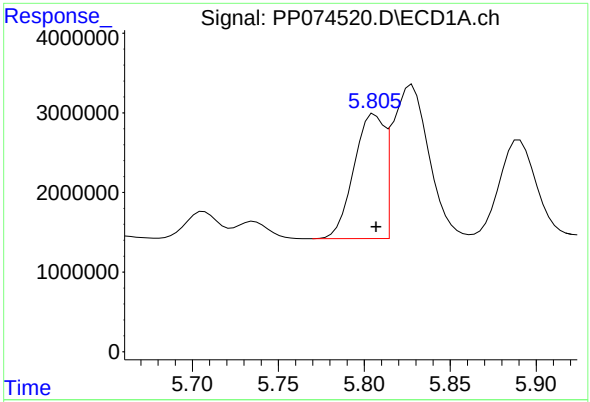
#2 Decachlorobiphenyl

R.T.: 10.431 min
Delta R.T.: 0.003 min
Response: 53404053
Conc: 54.08 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.814 min
Delta R.T.: 0.000 min
Response: 390600437
Conc: 52.09 ng/ml



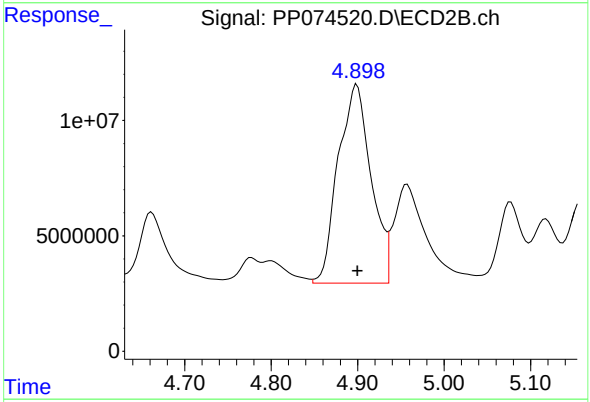
#16 AR-1242-1

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 19151882
Conc: 500.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1242

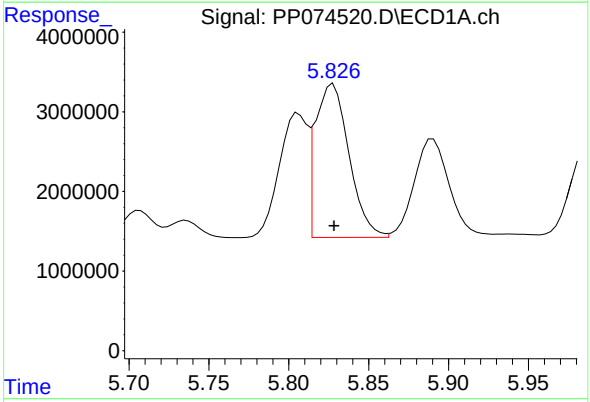
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



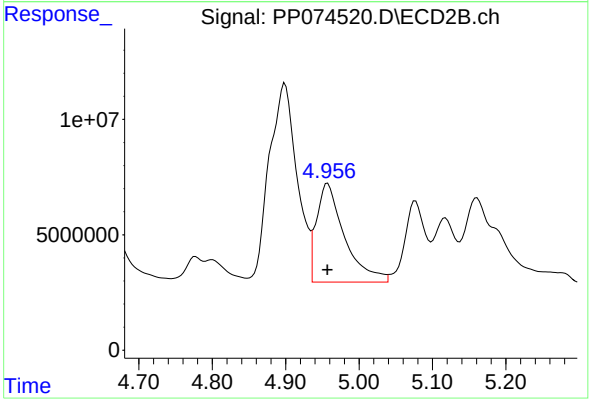
#16 AR-1242-1

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 227474604
Conc: 539.36 ng/ml



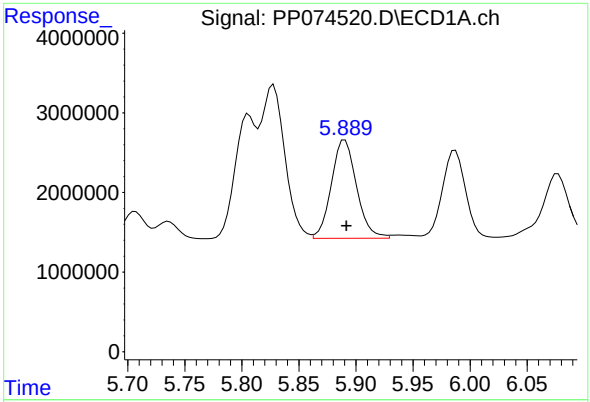
#17 AR-1242-2

R.T.: 5.828 min
Delta R.T.: 0.000 min
Response: 28372669
Conc: 502.33 ng/ml



#17 AR-1242-2

R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 113767896
Conc: 568.04 ng/ml



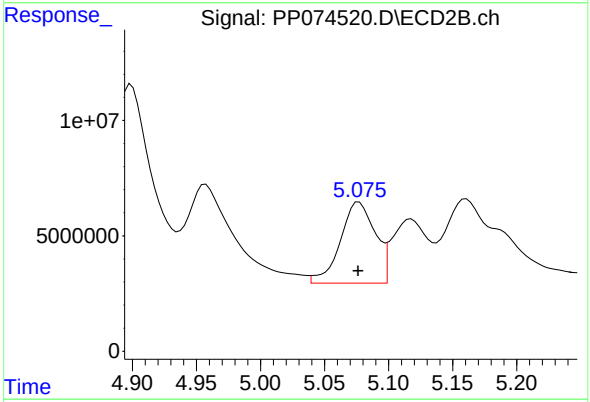
#18 AR-1242-3

R.T.: 5.890 min
Delta R.T.: -0.001 min
Response: 19007473
Conc: 468.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1242

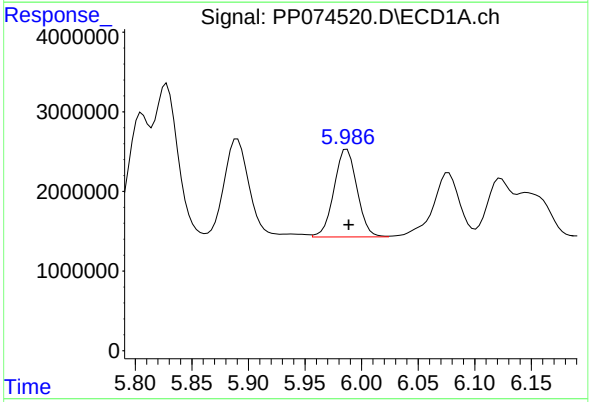
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



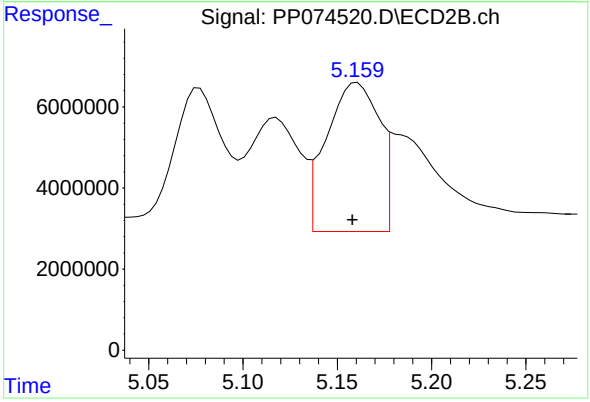
#18 AR-1242-3

R.T.: 5.077 min
Delta R.T.: 0.000 min
Response: 66780181
Conc: 564.51 ng/ml



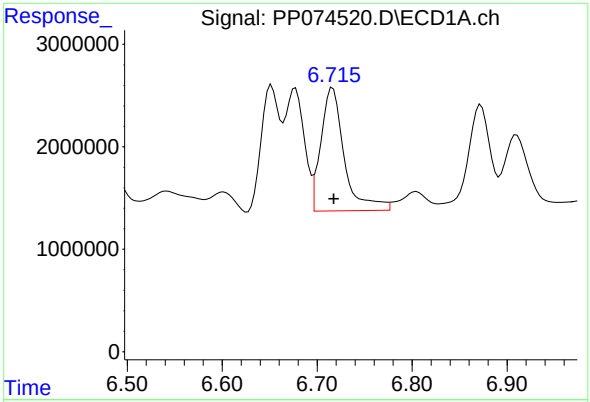
#19 AR-1242-4

R.T.: 5.987 min
Delta R.T.: -0.001 min
Response: 15591341
Conc: 491.19 ng/ml



#19 AR-1242-4

R.T.: 5.159 min
Delta R.T.: 0.001 min
Response: 74977569
Conc: 438.06 ng/ml m



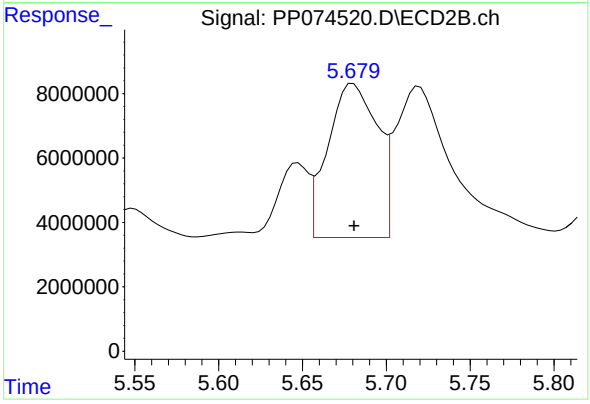
#20 AR-1242-5

R.T.: 6.716 min
Delta R.T.: -0.001 min
Response: 20582509
Conc: 570.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1242

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



#20 AR-1242-5

R.T.: 5.679 min
Delta R.T.: -0.002 min
Response: 100232863
Conc: 541.32 ng/ml m

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074521.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 19:29
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1248

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:24:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.652	3.800	59071103	245.5E6	48.273	50.777
2)	SA Decachlor...	10.426	8.814	53112171	392.5E6	53.784	52.342
	Target Compounds						
21)	L5 AR-1248-1	5.803	4.899	15042012	140.4E6	497.684	508.260
22)	L5 AR-1248-2	6.074	5.118	21382962	94490320	496.170	534.582
23)	L5 AR-1248-3	6.277	5.159	23315343	110.8E6	499.219	487.816m
24)	L5 AR-1248-4	6.675	5.332	26915269	110.6E6	489.361	507.322
25)	L5 AR-1248-5	6.714	5.722	26936491	191.5E6	485.601	521.315

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074521.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 19:29
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

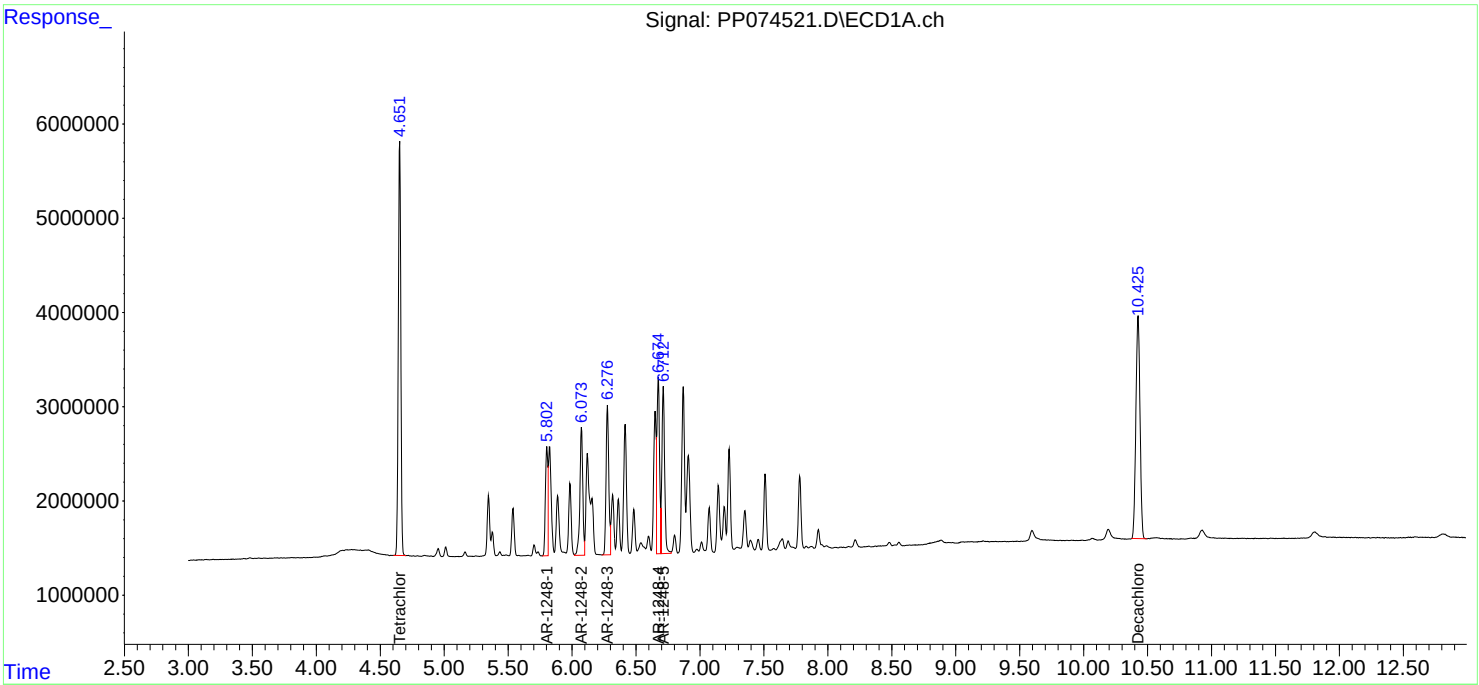
Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1248

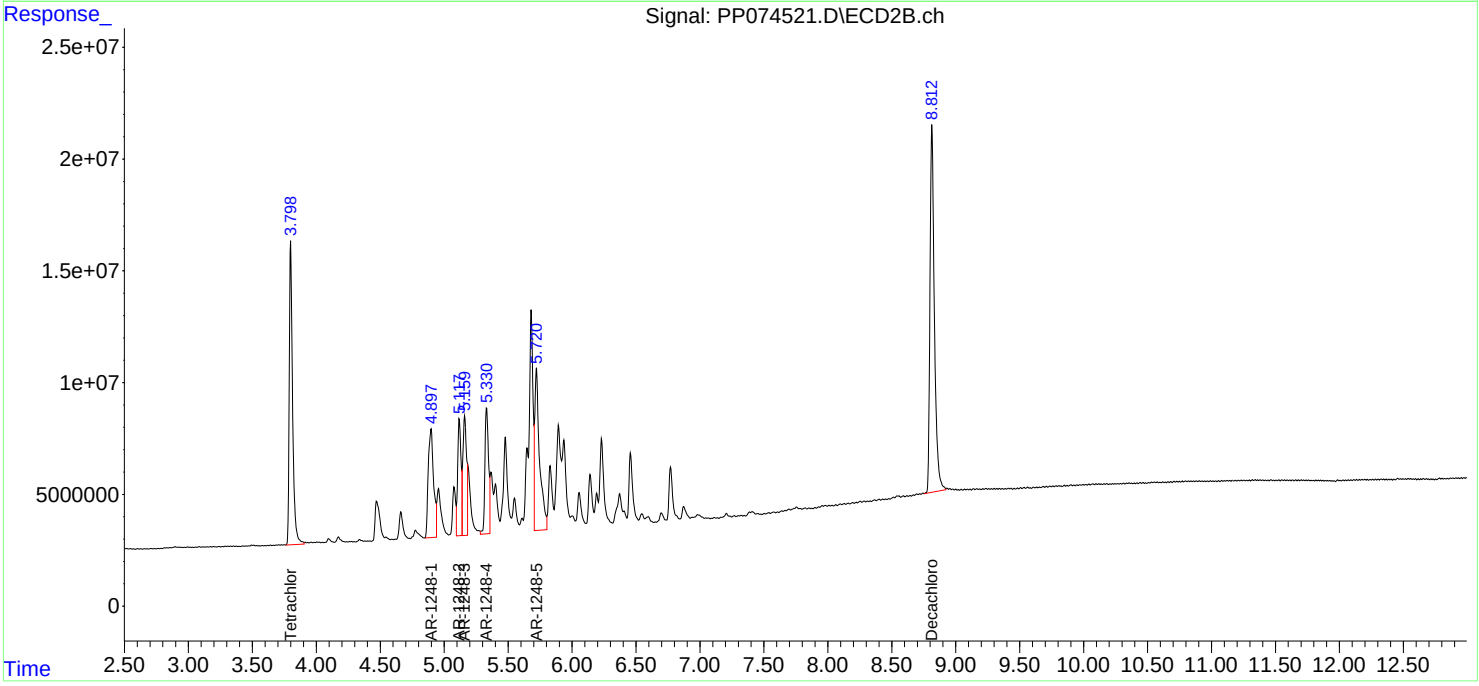
Manual Integrations APPROVED

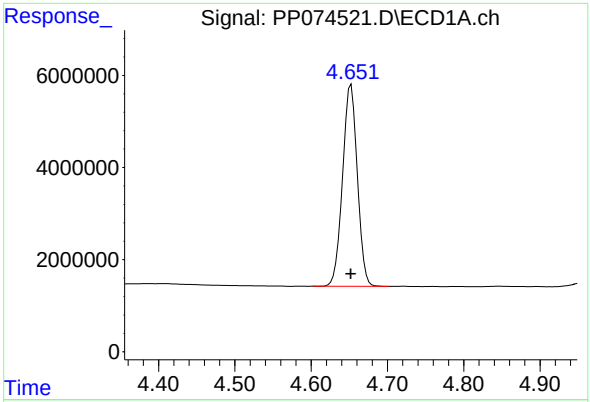
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:24:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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







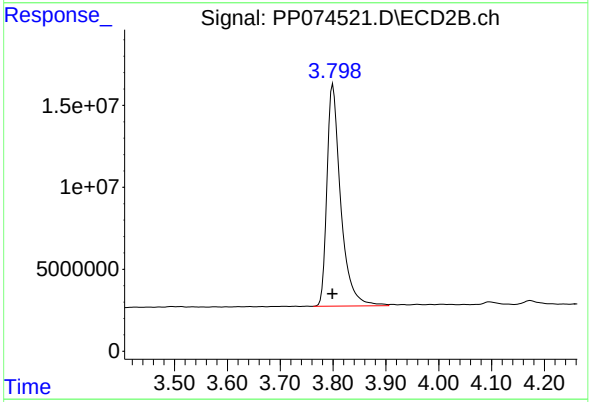
#1 Tetrachloro-m-xylene

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 59071103
Conc: 48.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1248

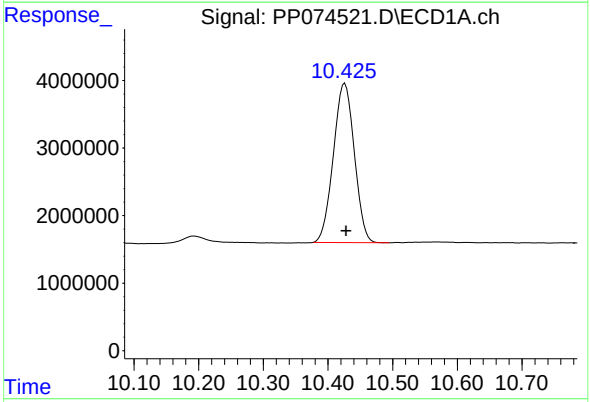
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



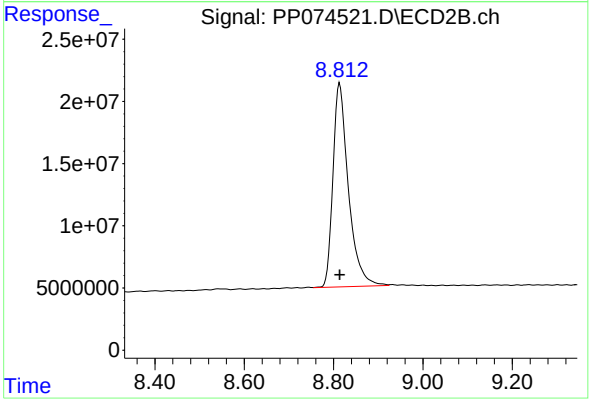
#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 245528806
Conc: 50.78 ng/ml



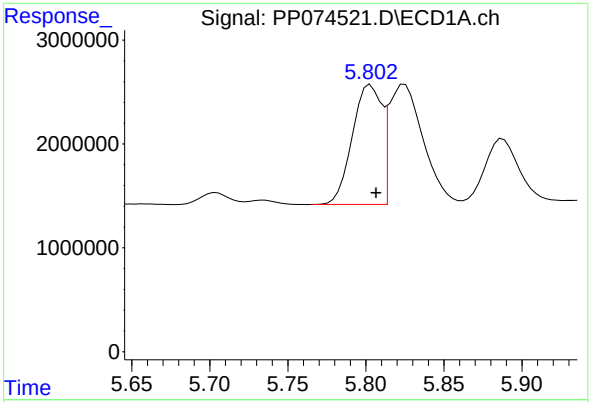
#2 Decachlorobiphenyl

R.T.: 10.426 min
Delta R.T.: -0.002 min
Response: 53112171
Conc: 53.78 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.814 min
Delta R.T.: 0.000 min
Response: 392519727
Conc: 52.34 ng/ml



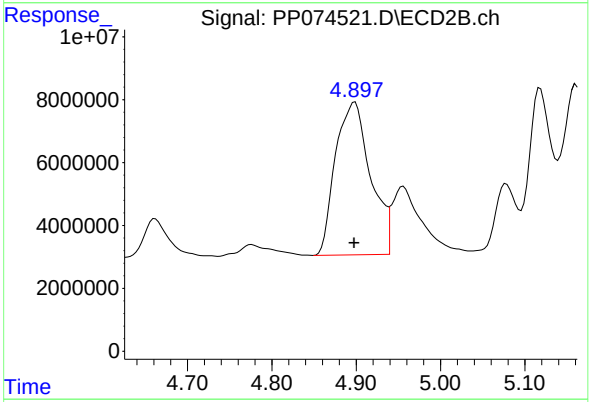
#21 AR-1248-1

R.T.: 5.803 min
Delta R.T.: -0.003 min
Response: 15042012
Conc: 497.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1248

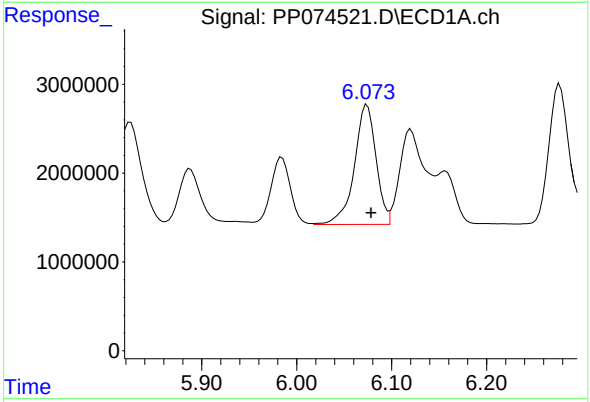
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



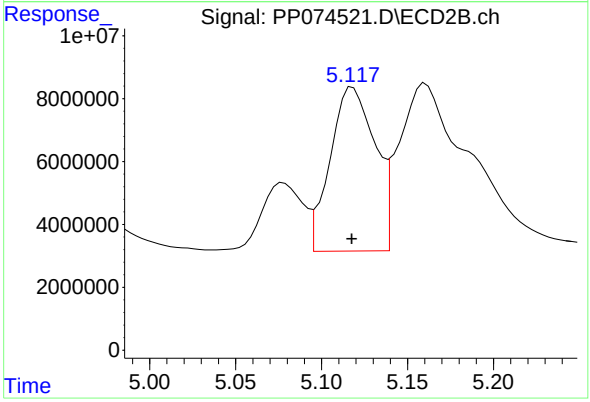
#21 AR-1248-1

R.T.: 4.899 min
Delta R.T.: 0.001 min
Response: 140352493
Conc: 508.26 ng/ml



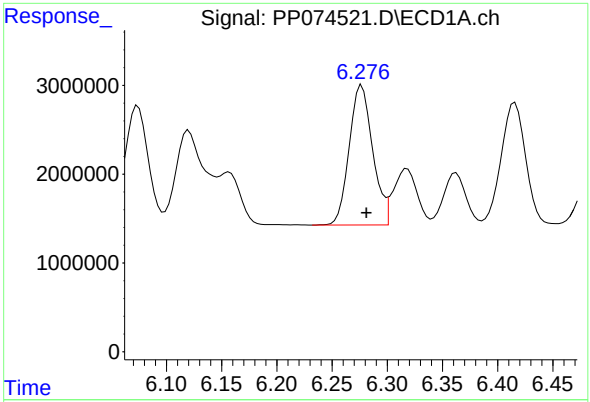
#22 AR-1248-2

R.T.: 6.074 min
Delta R.T.: -0.004 min
Response: 21382962
Conc: 496.17 ng/ml



#22 AR-1248-2

R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 94490320
Conc: 534.58 ng/ml



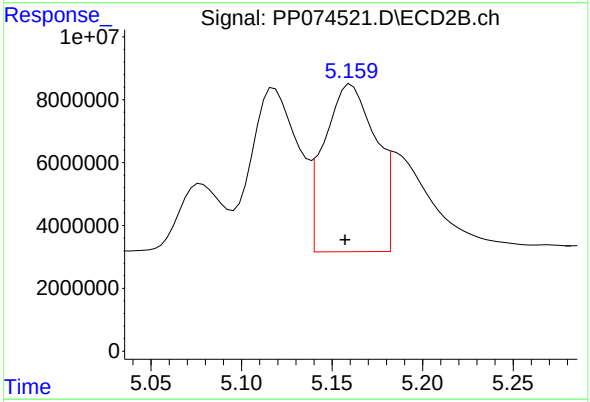
#23 AR-1248-3

R.T.: 6.277 min
Delta R.T.: -0.004 min
Response: 23315343
Conc: 499.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1248

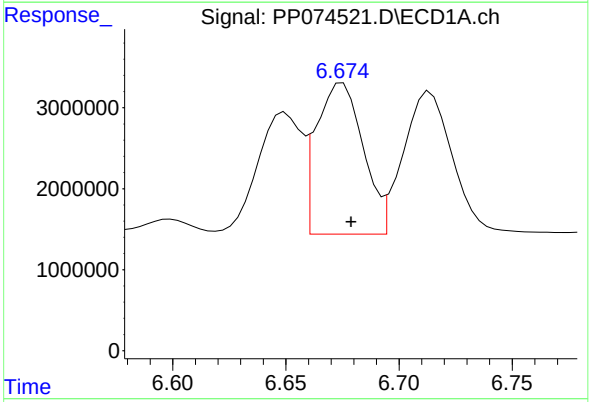
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



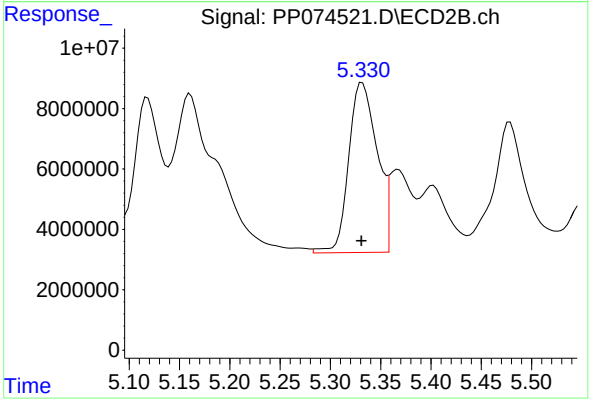
#23 AR-1248-3

R.T.: 5.159 min
Delta R.T.: 0.002 min
Response: 110833510
Conc: 487.82 ng/ml m



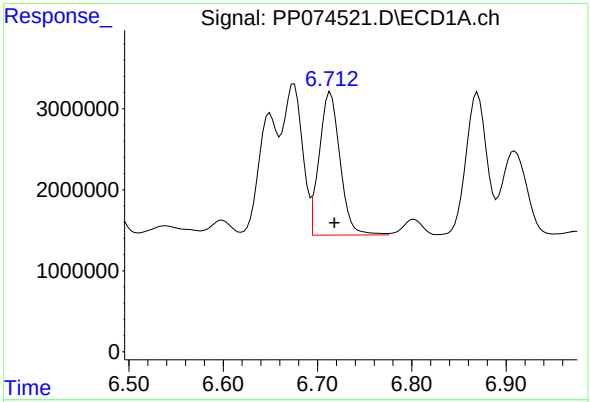
#24 AR-1248-4

R.T.: 6.675 min
Delta R.T.: -0.004 min
Response: 26915269
Conc: 489.36 ng/ml



#24 AR-1248-4

R.T.: 5.332 min
Delta R.T.: 0.000 min
Response: 110606875
Conc: 507.32 ng/ml



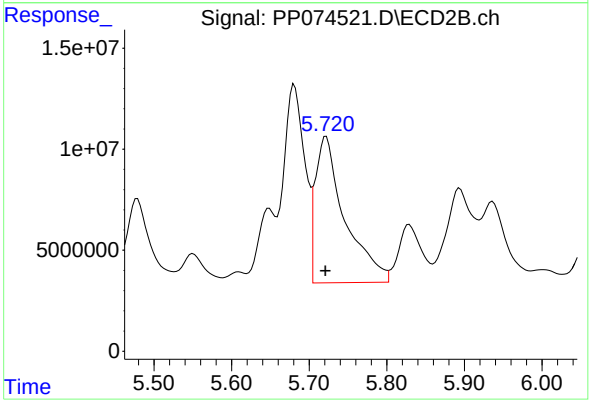
#25 AR-1248-5

R.T.: 6.714 min
Delta R.T.: -0.004 min
Response: 26936491
Conc: 485.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1248

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



#25 AR-1248-5

R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 191490359
Conc: 521.31 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074522.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 20:18
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1254

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:24:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.657	3.800	56166806	231.3E6	45.900	47.840
2)	SA Decachlor...	10.432	8.813	50817971	371.3E6	51.461	49.507
	Target Compounds						
26)	L6 AR-1254-1	6.655	5.682	26836668	232.6E6	460.562m	487.928
27)	L6 AR-1254-2	6.872	5.830	38555301	169.1E6	472.399	480.246
28)	L6 AR-1254-3	7.233	6.231	41293274	315.3E6	462.896	508.643
29)	L6 AR-1254-4	7.515	6.458	31170607	231.8E6	472.901	494.686
30)	L6 AR-1254-5	7.931	6.875	39856792	247.9E6	479.711	505.396

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074522.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 20:18
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

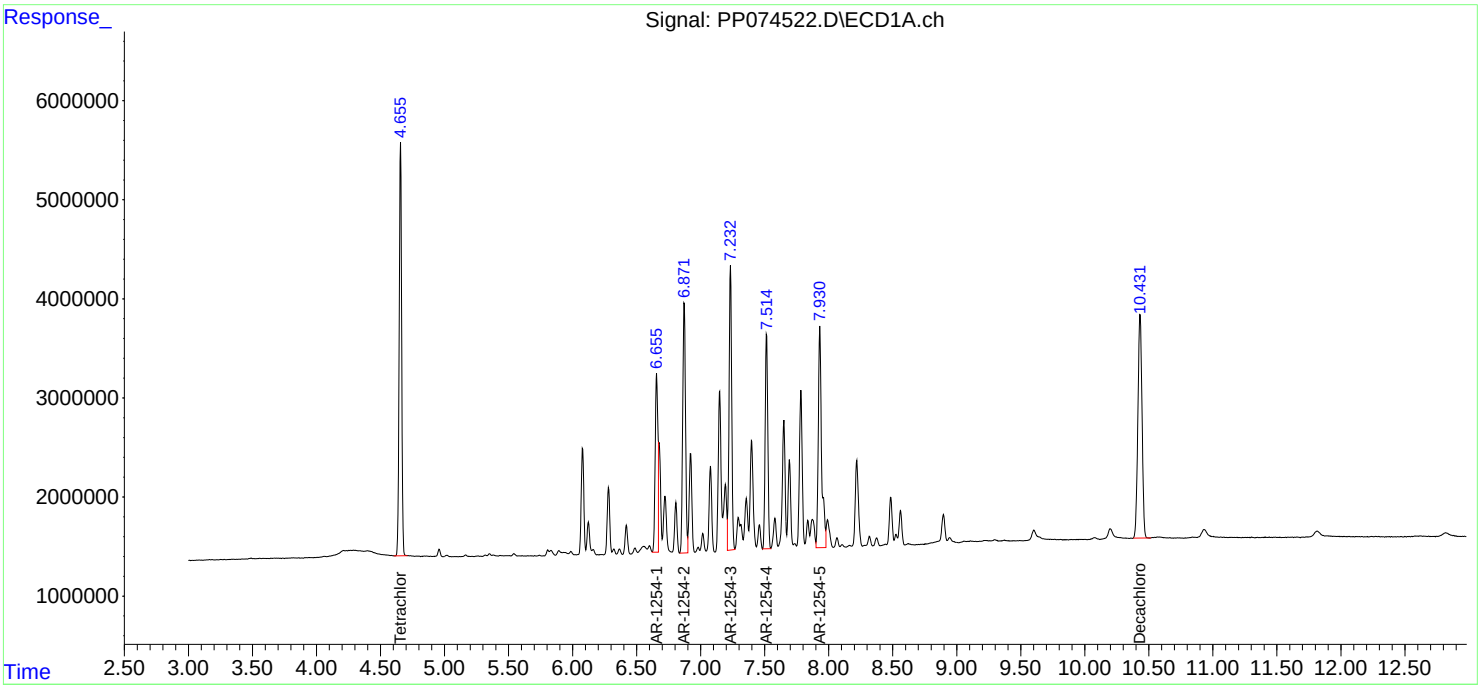
Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1254

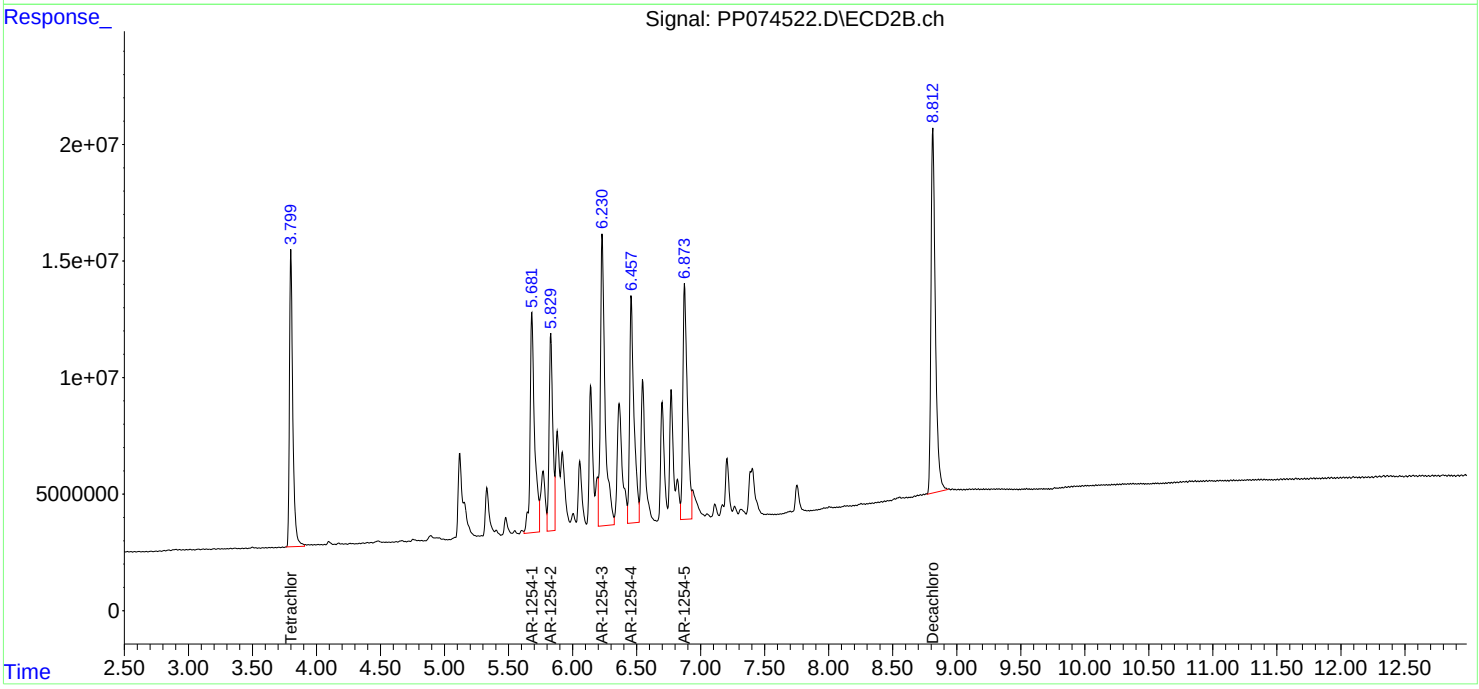
Manual Integrations APPROVED

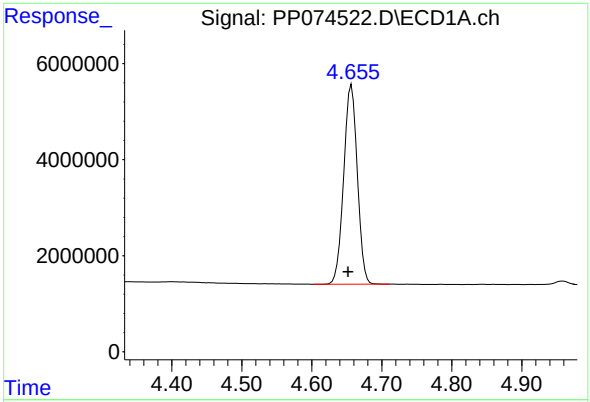
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:24:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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







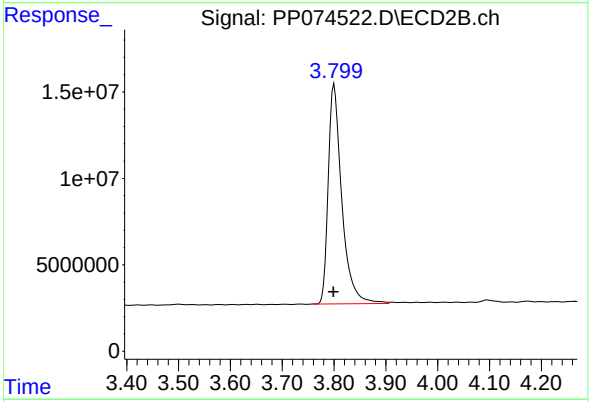
#1 Tetrachloro-m-xylene

R.T.: 4.657 min
Delta R.T.: 0.005 min
Response: 56166806
Conc: 45.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1254

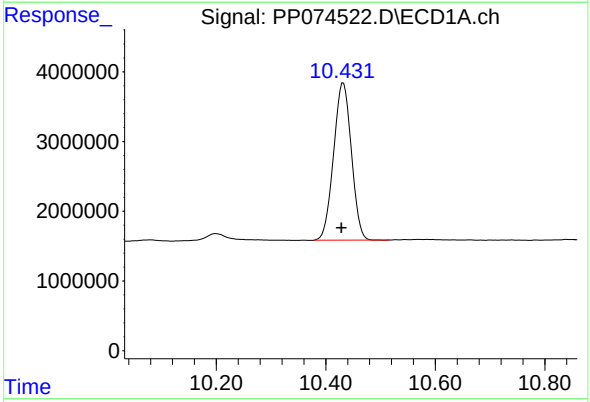
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



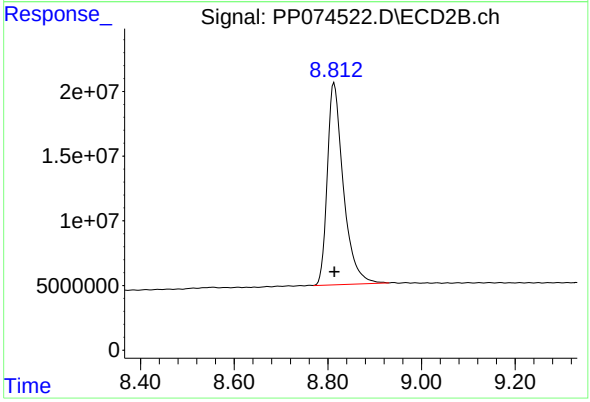
#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: 0.001 min
Response: 231327828
Conc: 47.84 ng/ml



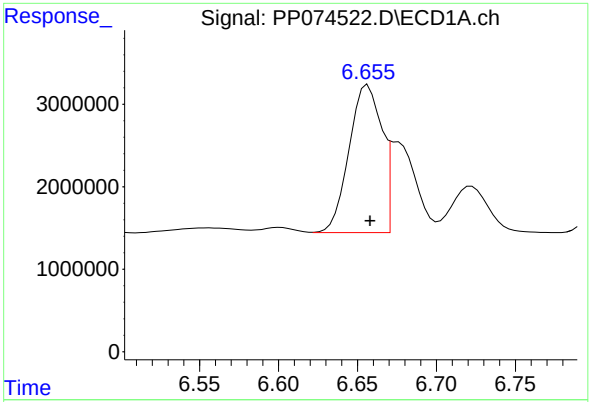
#2 Decachlorobiphenyl

R.T.: 10.432 min
Delta R.T.: 0.004 min
Response: 50817971
Conc: 51.46 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.813 min
Delta R.T.: 0.000 min
Response: 371262857
Conc: 49.51 ng/ml



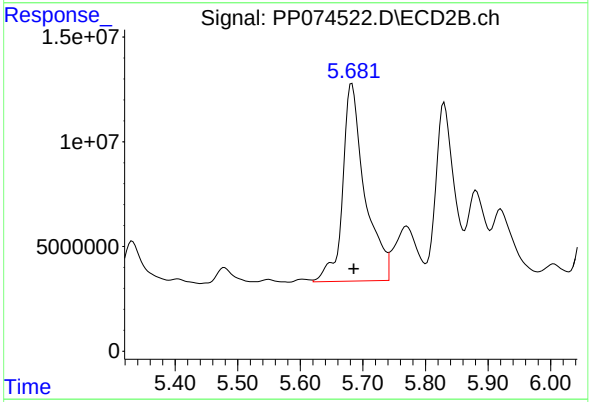
#26 AR-1254-1

R.T.: 6.655 min
Delta R.T.: -0.003 min
Response: 26836668
Conc: 460.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1254

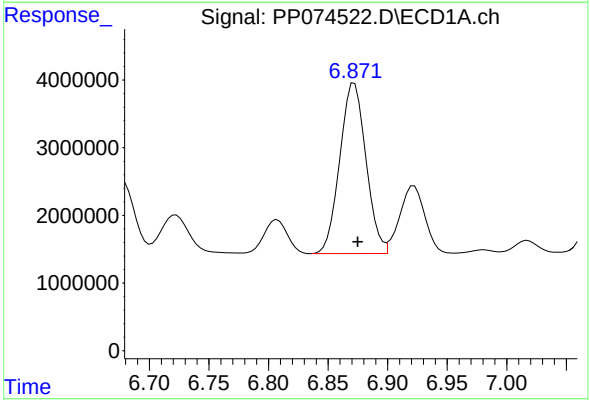
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



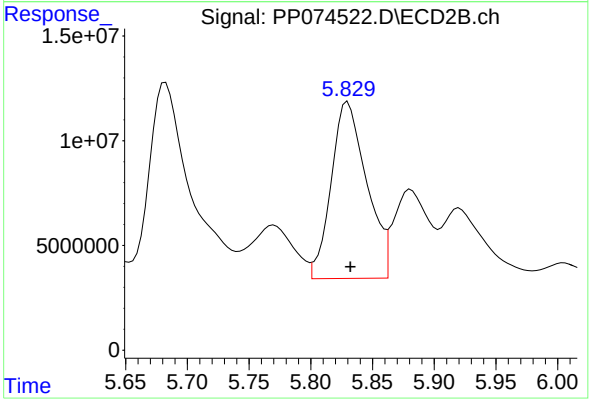
#26 AR-1254-1

R.T.: 5.682 min
Delta R.T.: -0.003 min
Response: 232600192
Conc: 487.93 ng/ml



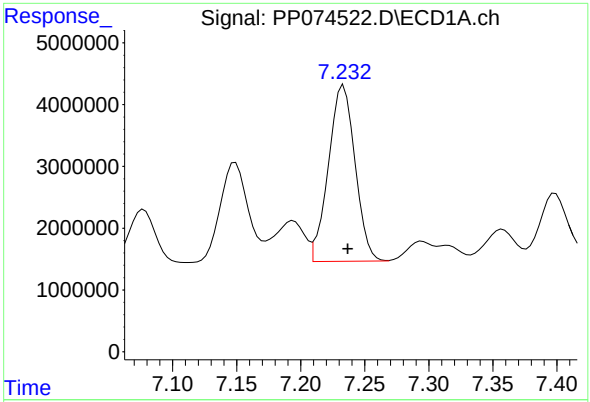
#27 AR-1254-2

R.T.: 6.872 min
Delta R.T.: -0.003 min
Response: 38555301
Conc: 472.40 ng/ml



#27 AR-1254-2

R.T.: 5.830 min
Delta R.T.: -0.002 min
Response: 169110333
Conc: 480.25 ng/ml



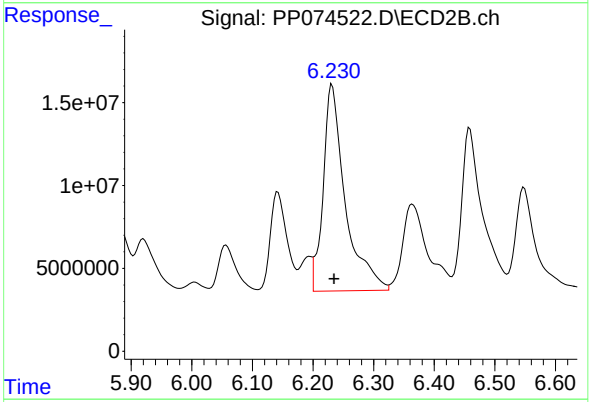
#28 AR-1254-3

R.T.: 7.233 min
Delta R.T.: -0.003 min
Response: 41293274
Conc: 462.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1254

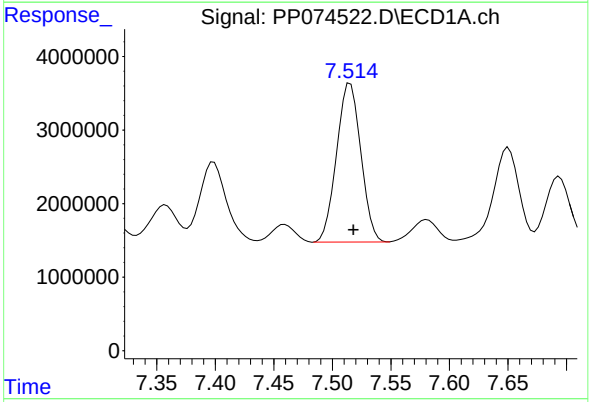
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



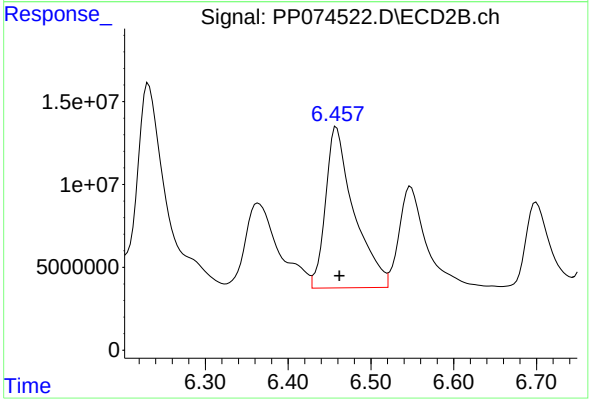
#28 AR-1254-3

R.T.: 6.231 min
Delta R.T.: -0.003 min
Response: 315259795
Conc: 508.64 ng/ml



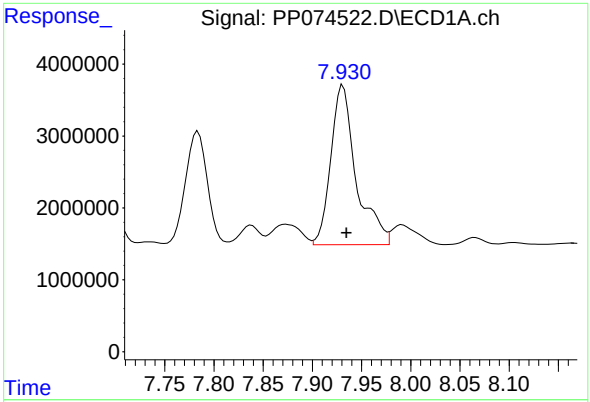
#29 AR-1254-4

R.T.: 7.515 min
Delta R.T.: -0.003 min
Response: 31170607
Conc: 472.90 ng/ml



#29 AR-1254-4

R.T.: 6.458 min
Delta R.T.: -0.003 min
Response: 231822957
Conc: 494.69 ng/ml



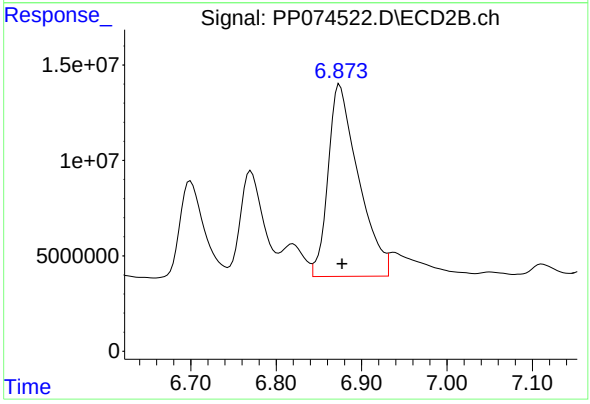
#30 AR-1254-5

R.T.: 7.931 min
Delta R.T.: -0.003 min
Response: 39856792
Conc: 479.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1254

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



#30 AR-1254-5

R.T.: 6.875 min
Delta R.T.: -0.002 min
Response: 247897423
Conc: 505.40 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074523.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 21:07
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:59:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:59:10 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...	4.658	3.802	58901391	238.6E6	49.110	51.825
2)	SA Decachlor...	10.434	8.815	89013520	715.1E6	49.674	52.588
	Target Compounds						
41)	L9 AR-1268-1	8.886	7.696	78891283	721.4E6	486.865	511.441
42)	L9 AR-1268-2	8.981	7.760	73097356	698.4E6	498.151	512.265
43)	L9 AR-1268-3	9.221	7.968	61233015	547.4E6	495.471	524.753
44)	L9 AR-1268-4	9.648	8.253	33012444	201.7E6	490.797	526.433
45)	L9 AR-1268-5	10.080	8.552	181.2E6	1644.2E6	489.478	524.264

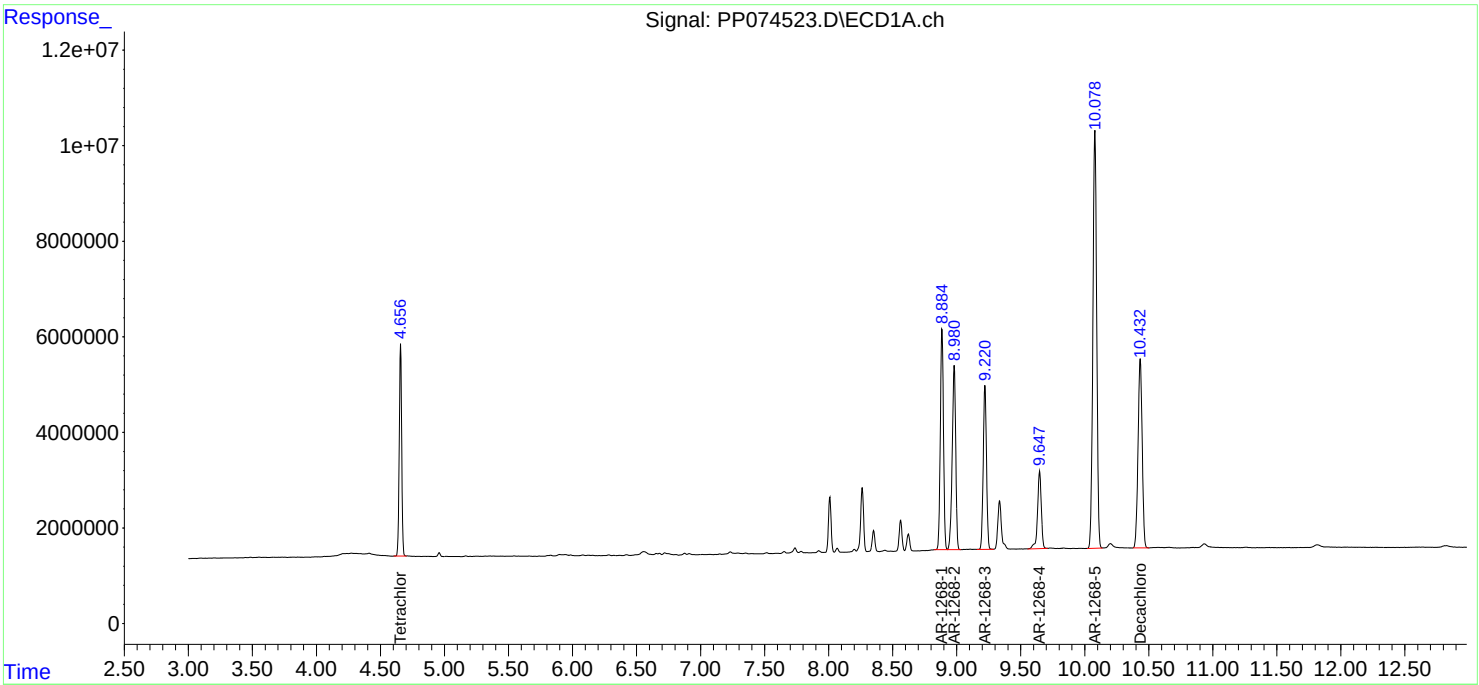
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

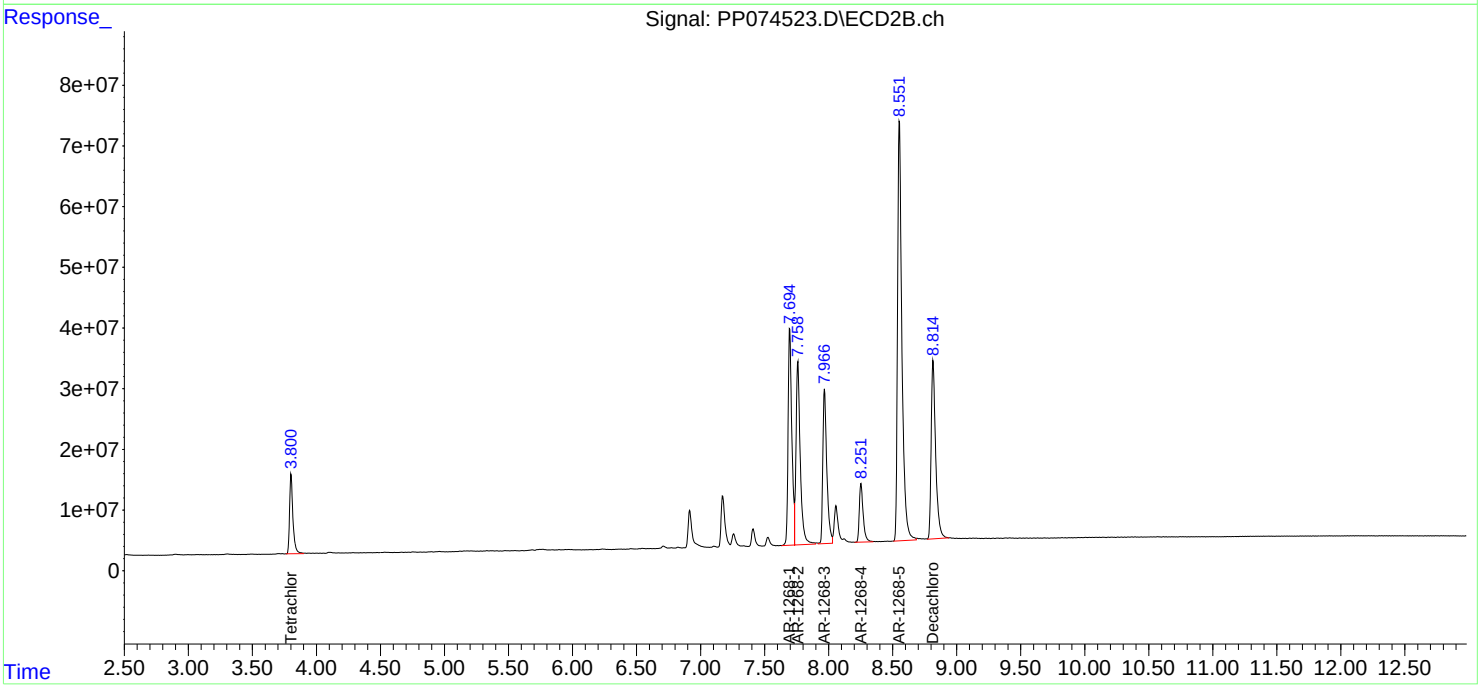
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074523.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 21:07
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

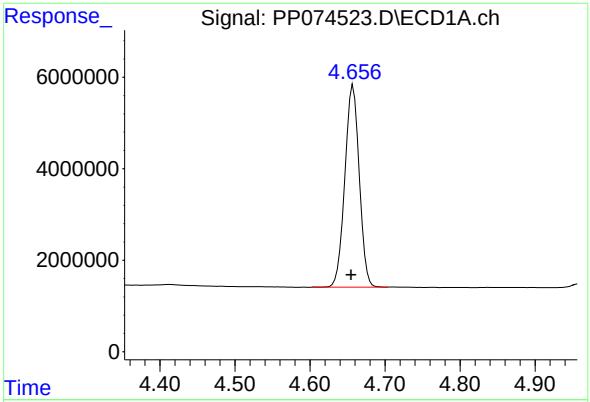
Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:59:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:59:10 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



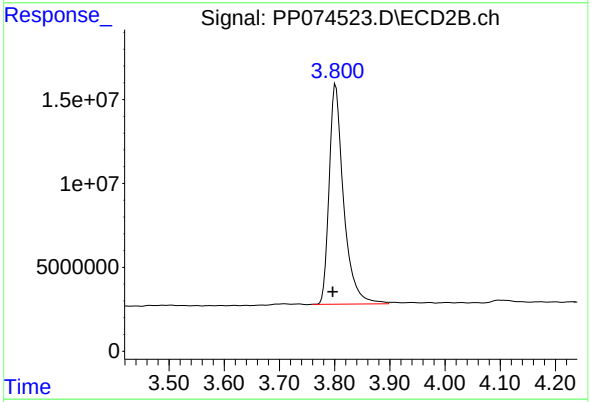




#1 Tetrachloro-m-xylene

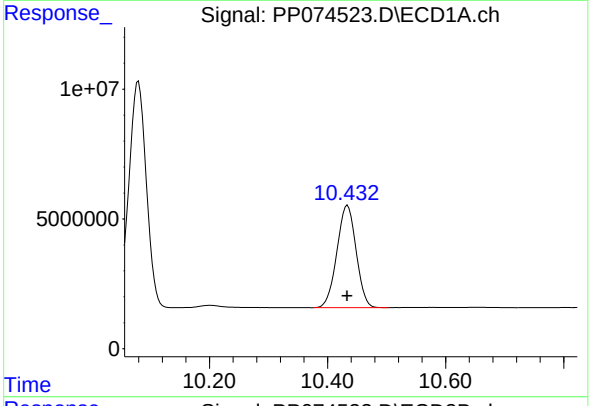
R.T.: 4.658 min
Delta R.T.: 0.003 min
Response: 58901391
Conc: 49.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1268



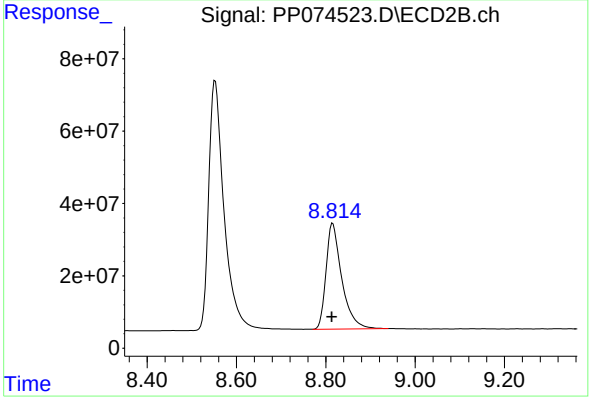
#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: 0.005 min
Response: 238598301
Conc: 51.83 ng/ml



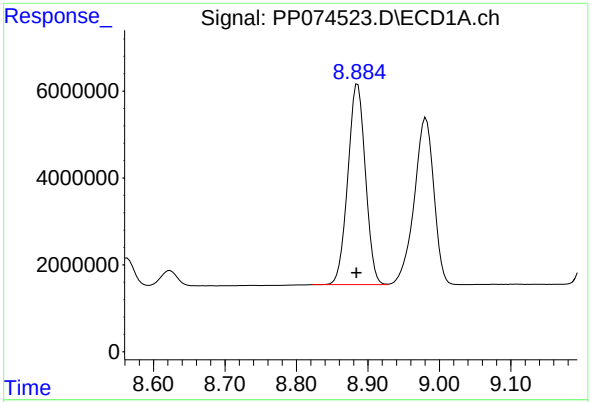
#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: 0.000 min
Response: 89013520
Conc: 49.67 ng/ml



#2 Decachlorobiphenyl

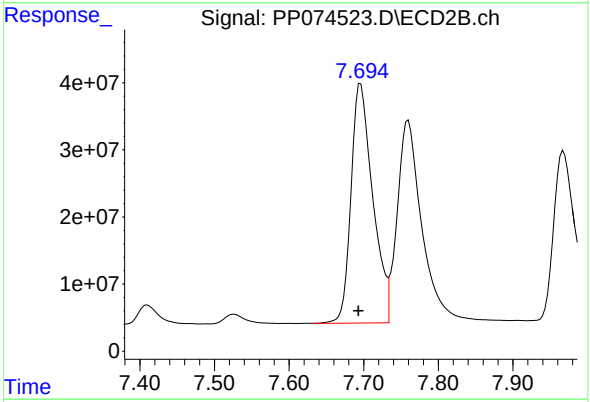
R.T.: 8.815 min
Delta R.T.: 0.002 min
Response: 715124960
Conc: 52.59 ng/ml



#41 AR-1268-1

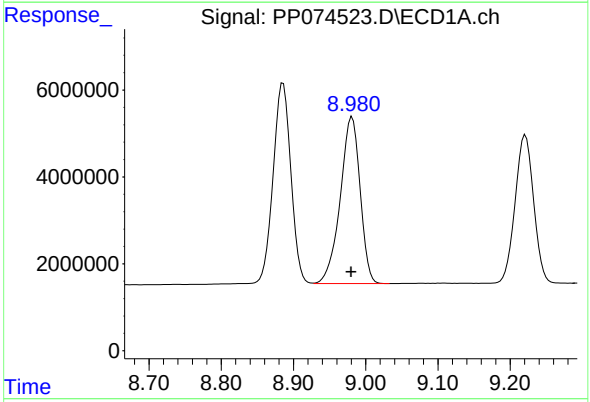
R.T.: 8.886 min
Delta R.T.: 0.002 min
Response: 78891283
Conc: 486.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1268



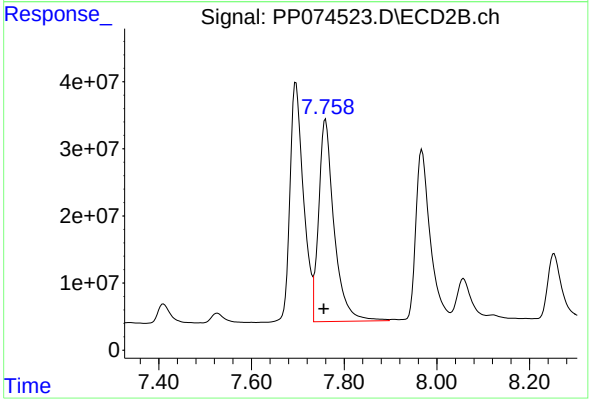
#41 AR-1268-1

R.T.: 7.696 min
Delta R.T.: 0.003 min
Response: 721384311
Conc: 511.44 ng/ml



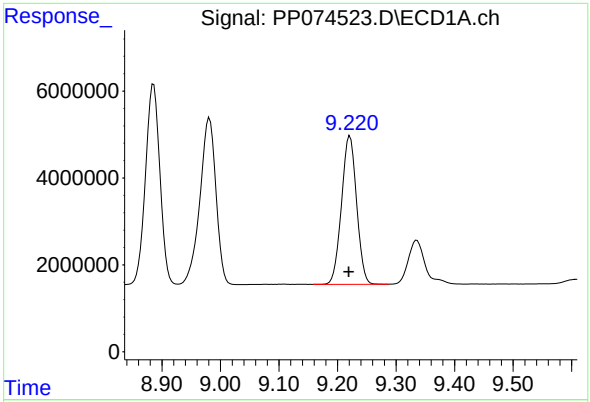
#42 AR-1268-2

R.T.: 8.981 min
Delta R.T.: 0.001 min
Response: 73097356
Conc: 498.15 ng/ml



#42 AR-1268-2

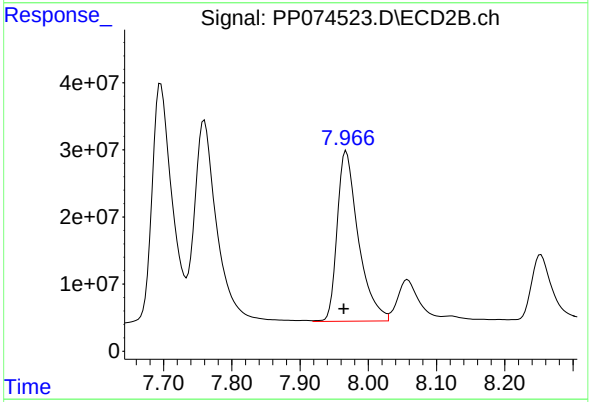
R.T.: 7.760 min
Delta R.T.: 0.004 min
Response: 698436703
Conc: 512.27 ng/ml



#43 AR-1268-3

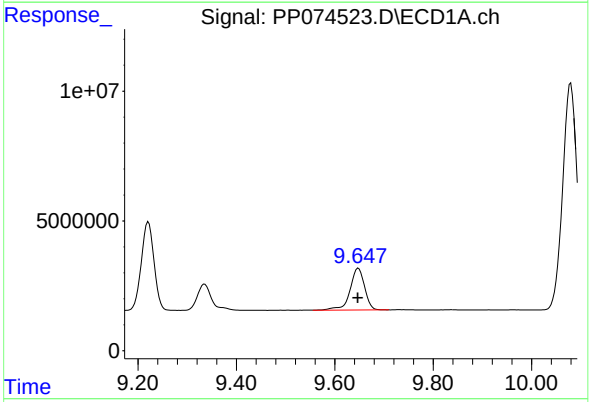
R.T.: 9.221 min
Delta R.T.: 0.002 min
Response: 61233015
Conc: 495.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1268



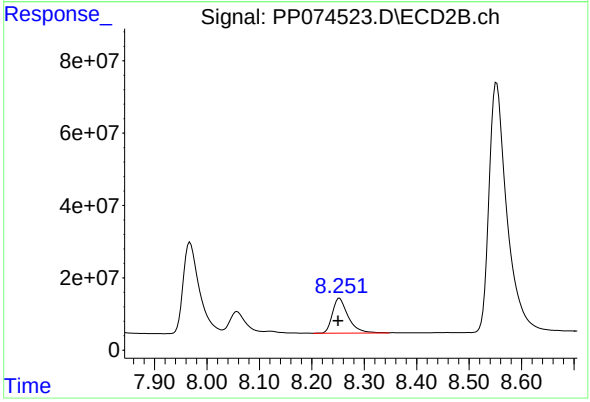
#43 AR-1268-3

R.T.: 7.968 min
Delta R.T.: 0.004 min
Response: 547440569
Conc: 524.75 ng/ml



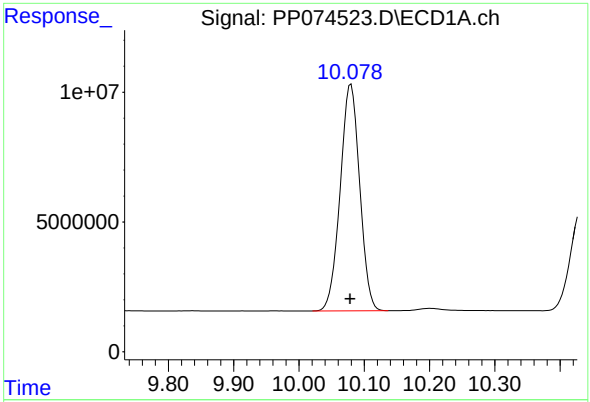
#44 AR-1268-4

R.T.: 9.648 min
Delta R.T.: 0.001 min
Response: 33012444
Conc: 490.80 ng/ml



#44 AR-1268-4

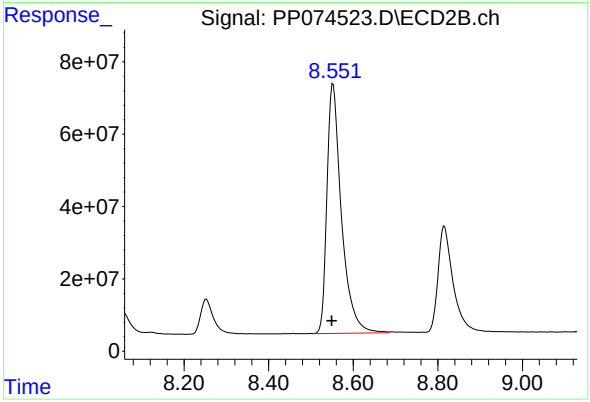
R.T.: 8.253 min
Delta R.T.: 0.003 min
Response: 201674358
Conc: 526.43 ng/ml



#45 AR-1268-5

R.T.: 10.080 min
Delta R.T.: 0.002 min
Response: 181190975
Conc: 489.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1268



#45 AR-1268-5

R.T.: 8.552 min
Delta R.T.: 0.003 min
Response: 1644165551
Conc: 524.26 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q3017

Continuing Calib Date: 09/04/2025 **Initial Calibration Date(s):** 08/18/2025 08/18/2025

Continuing Calib Time: 18:49 **Initial Calibration Time(s):** 09:53 18:24

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.74	4.75	4.65	4.85	0.01
Aroclor-1016-2	(2)	4.76	4.77	4.67	4.87	0.01
Aroclor-1016-3	(3)	4.82	4.82	4.72	4.92	0.00
Aroclor-1016-4	(4)	4.94	4.94	4.84	5.04	0.00
Aroclor-1016-5	(5)	5.19	5.20	5.10	5.30	0.01
Aroclor-1260-1	(1)	6.23	6.24	6.14	6.34	0.01
Aroclor-1260-2	(2)	6.42	6.43	6.33	6.53	0.01
Aroclor-1260-3	(3)	6.79	6.79	6.69	6.89	0.01
Aroclor-1260-4	(4)	7.04	7.05	6.95	7.15	0.01
Aroclor-1260-5	(5)	7.29	7.29	7.19	7.39	0.00
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.67	8.68	8.58	8.78	0.01

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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q3017

Continuing Calib Date: 09/04/2025 **Initial Calibration Date(s):** 08/18/2025 08/18/2025

Continuing Calib Time: 18:49 **Initial Calibration Time(s):** 09:53 18:24

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.73	4.73	4.63	4.83	0.01
Aroclor-1016-2	(2)	4.74	4.75	4.65	4.85	0.01
Aroclor-1016-3	(3)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.17	5.18	5.08	5.28	0.01
Aroclor-1260-1	(1)	6.20	6.20	6.10	6.30	0.00
Aroclor-1260-2	(2)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-3	(3)	6.54	6.54	6.44	6.64	0.00
Aroclor-1260-4	(4)	7.01	7.01	6.91	7.11	0.00
Aroclor-1260-5	(5)	7.25	7.26	7.16	7.36	0.01
Tetrachloro-m-xylene		3.65	3.66	3.56	3.76	0.01
Decachlorobiphenyl		8.62	8.63	8.53	8.73	0.01

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q3017

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 09/04/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO113478.D **Time Analyzed:** 18:49

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.742	4.648	4.848	561.170	500.000	12.2
Aroclor-1016-2	4.760	4.666	4.866	567.370	500.000	13.5
Aroclor-1016-3	4.817	4.724	4.924	564.020	500.000	12.8
Aroclor-1016-4	4.936	4.843	5.043	530.830	500.000	6.2
Aroclor-1016-5	5.194	5.099	5.299	564.470	500.000	12.9
Aroclor-1260-1	6.229	6.136	6.336	565.000	500.000	13.0
Aroclor-1260-2	6.419	6.326	6.526	559.010	500.000	11.8
Aroclor-1260-3	6.785	6.691	6.891	523.800	500.000	4.8
Aroclor-1260-4	7.044	6.951	7.151	509.480	500.000	1.9
Aroclor-1260-5	7.288	7.194	7.394	506.110	500.000	1.2
Decachlorobiphenyl	8.674	8.582	8.782	47.280	50.000	-5.4
Tetrachloro-m-xylene	3.659	3.563	3.763	56.440	50.000	12.9

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q3017

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 09/04/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO113478.D **Time Analyzed:** 18:49

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.725	4.629	4.829	535.510	500.000	7.1
Aroclor-1016-2	4.743	4.647	4.847	524.860	500.000	5.0
Aroclor-1016-3	4.918	4.822	5.022	508.170	500.000	1.6
Aroclor-1016-4	4.960	4.864	5.064	492.950	500.000	-1.4
Aroclor-1016-5	5.172	5.076	5.276	549.030	500.000	9.8
Aroclor-1260-1	6.199	6.104	6.304	472.910	500.000	-5.4
Aroclor-1260-2	6.388	6.292	6.492	462.220	500.000	-7.6
Aroclor-1260-3	6.539	6.443	6.643	432.880	500.000	-13.4
Aroclor-1260-4	7.008	6.912	7.112	438.660	500.000	-12.3
Aroclor-1260-5	7.250	7.155	7.355	433.850	500.000	-13.2
Decachlorobiphenyl	8.622	8.528	8.728	53.330	50.000	6.7
Tetrachloro-m-xylene	3.652	3.555	3.755	54.050	50.000	8.1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113478.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 18:49
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:34:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.659	3.652	462.0E6	273.5E6	56.435	54.052
2)	SA Decachlor...	8.674	8.622	327.7E6	101.1E6	47.279	53.332
	Target Compounds						
3)	L1 AR-1016-1	4.742	4.725	149.8E6	91343543	561.169	535.508
4)	L1 AR-1016-2	4.760	4.743	227.8E6	135.2E6	567.371	524.856
5)	L1 AR-1016-3	4.817	4.918	143.8E6	70947214	564.019	508.166
6)	L1 AR-1016-4	4.936	4.960	115.8E6	57526704	530.832m	492.950
7)	L1 AR-1016-5	5.194	5.172	125.1E6	78252607	564.470	549.026
31)	L7 AR-1260-1	6.229	6.199	252.0E6	120.6E6	565.000	472.911
32)	L7 AR-1260-2	6.419	6.388	383.9E6	159.8E6	559.006	462.222
33)	L7 AR-1260-3	6.785	6.539	323.4E6	128.8E6	523.801	432.878
34)	L7 AR-1260-4	7.044	7.008	228.2E6	90912792	509.480	438.663
35)	L7 AR-1260-5	7.288	7.250	612.7E6	203.2E6	506.113	433.855

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113478.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 18:49
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

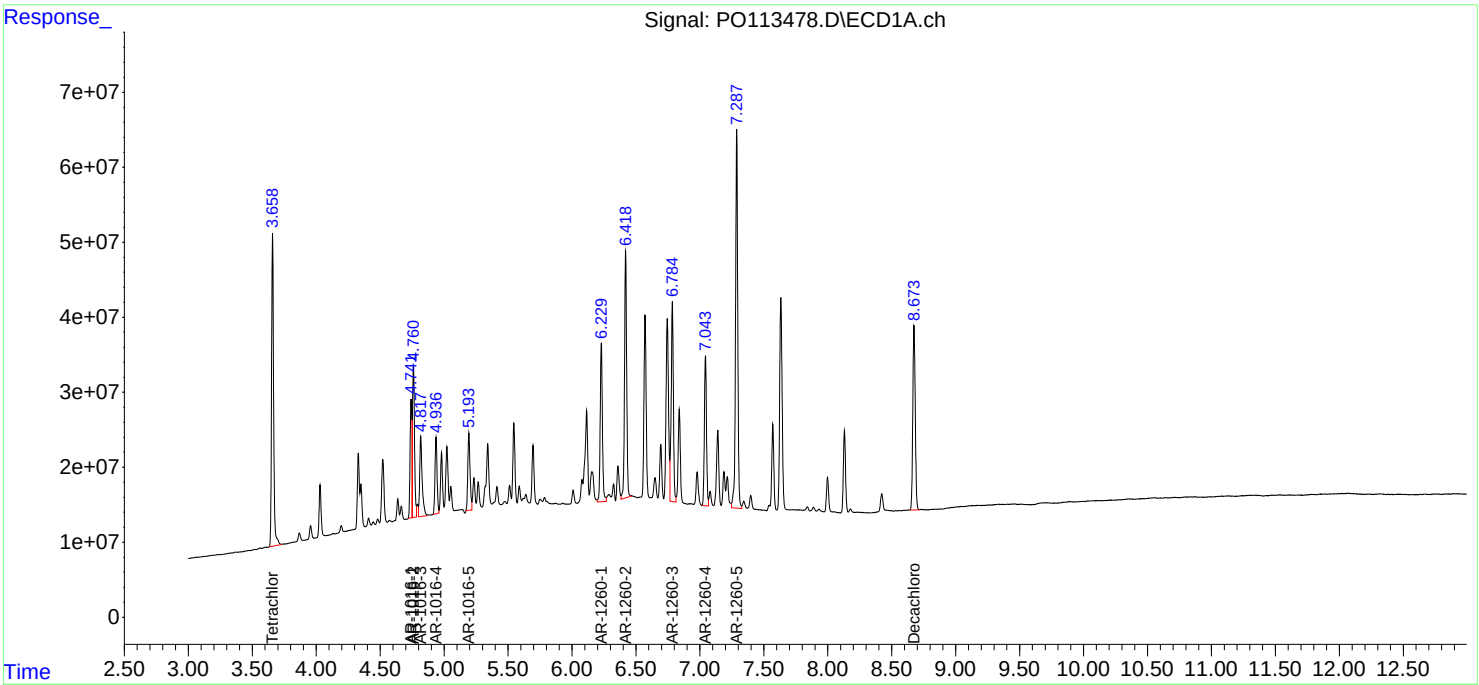
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

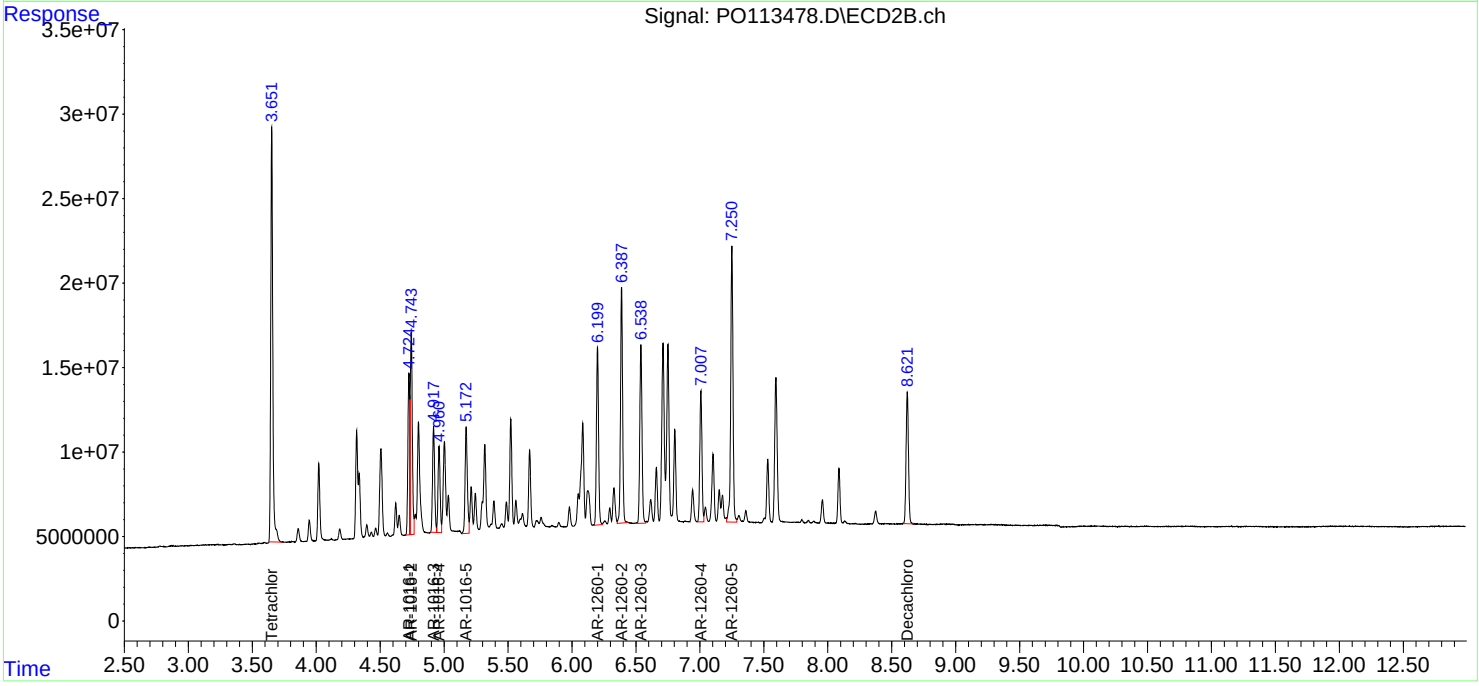
Manual Integrations APPROVED

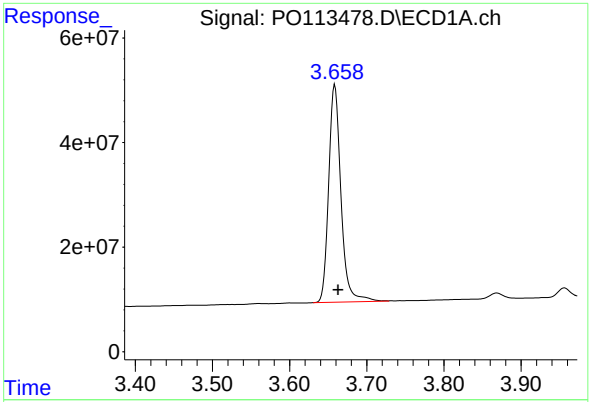
Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:34:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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







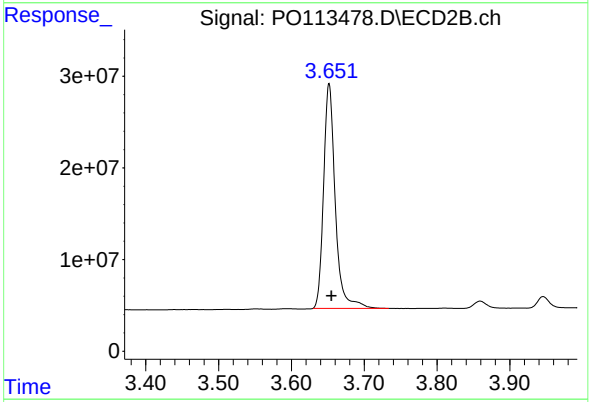
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.004 min
Response: 462010268
Conc: 56.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

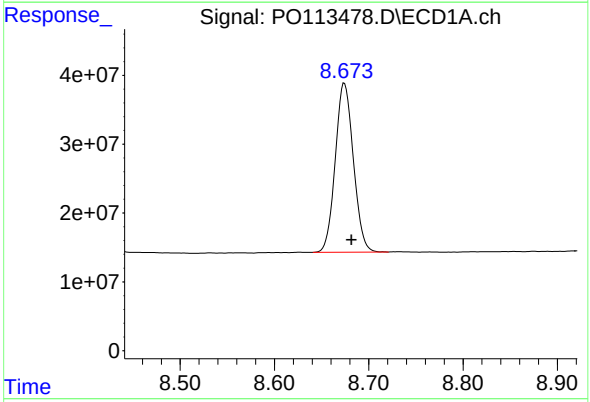
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



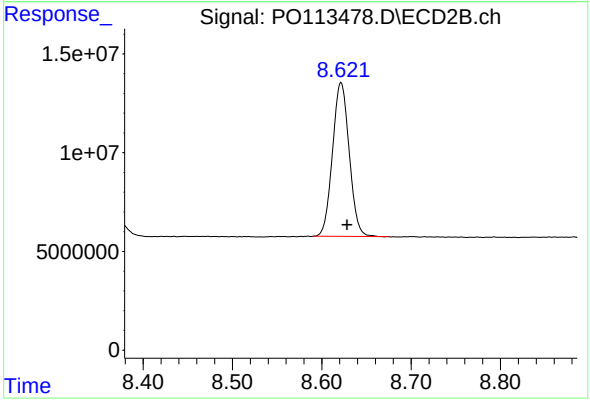
#1 Tetrachloro-m-xylene

R.T.: 3.652 min
Delta R.T.: -0.003 min
Response: 273540757
Conc: 54.05 ng/ml



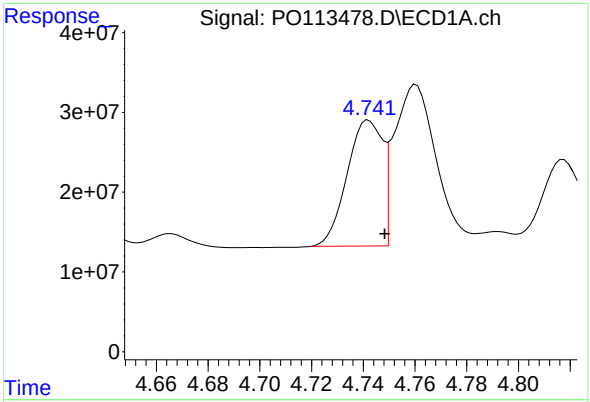
#2 Decachlorobiphenyl

R.T.: 8.674 min
Delta R.T.: -0.007 min
Response: 327710833
Conc: 47.28 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.622 min
Delta R.T.: -0.007 min
Response: 101057038
Conc: 53.33 ng/ml



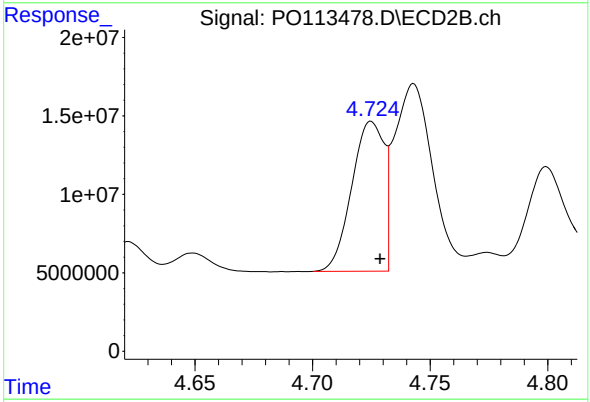
#3 AR-1016-1

R.T.: 4.742 min
Delta R.T.: -0.006 min
Response: 149823670
Conc: 561.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

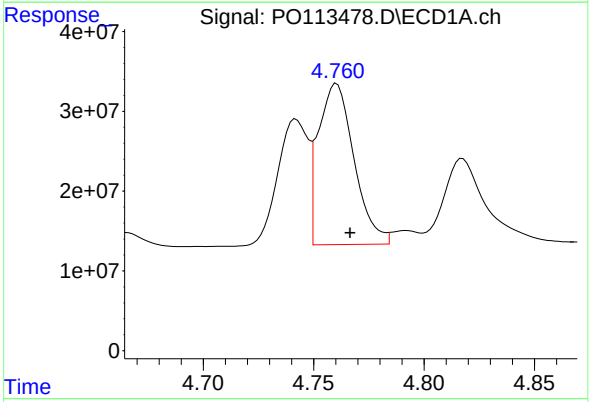
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



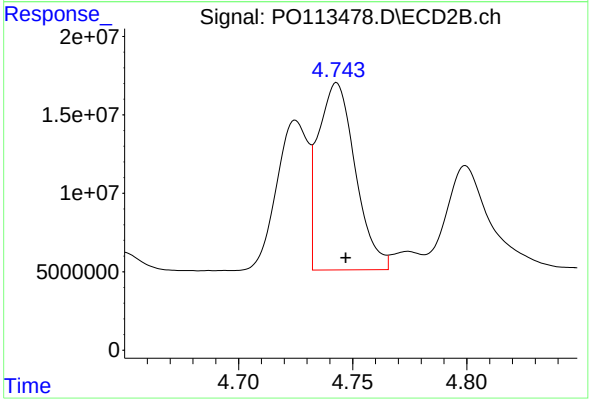
#3 AR-1016-1

R.T.: 4.725 min
Delta R.T.: -0.004 min
Response: 91343543
Conc: 535.51 ng/ml



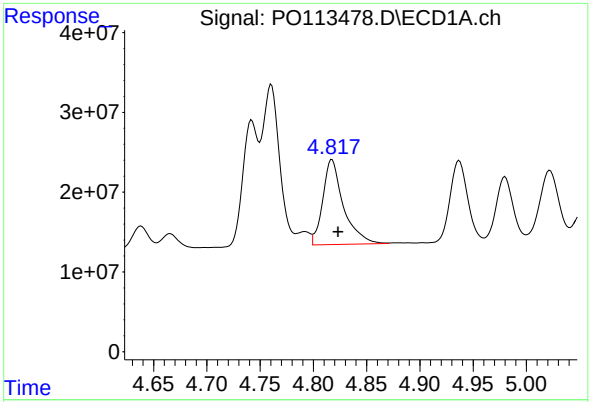
#4 AR-1016-2

R.T.: 4.760 min
Delta R.T.: -0.006 min
Response: 227760534
Conc: 567.37 ng/ml



#4 AR-1016-2

R.T.: 4.743 min
Delta R.T.: -0.004 min
Response: 135232267
Conc: 524.86 ng/ml



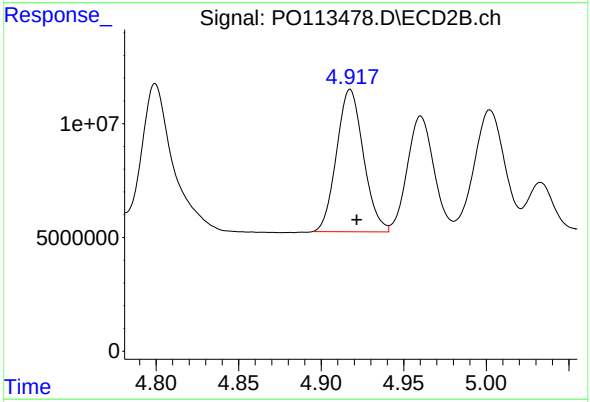
#5 AR-1016-3

R.T.: 4.817 min
Delta R.T.: -0.006 min
Response: 143837457
Conc: 564.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

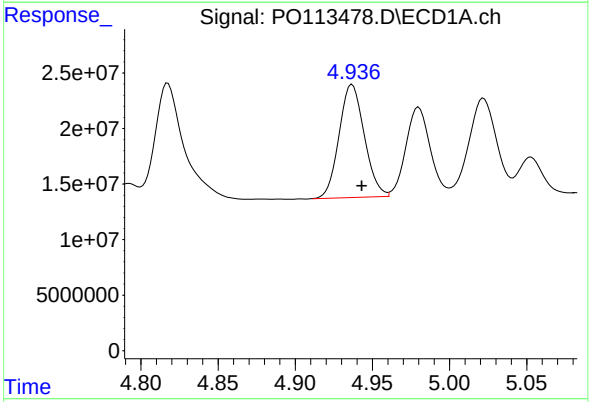
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



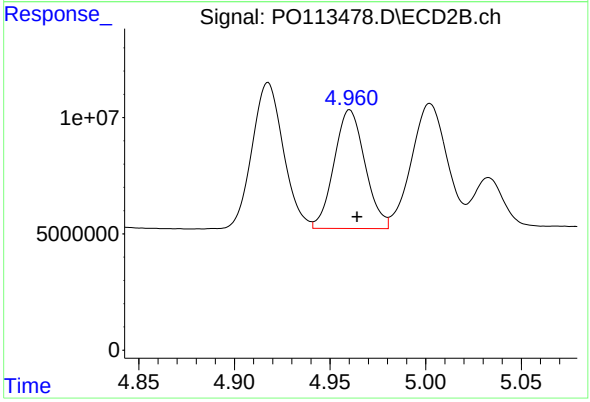
#5 AR-1016-3

R.T.: 4.918 min
Delta R.T.: -0.004 min
Response: 70947214
Conc: 508.17 ng/ml



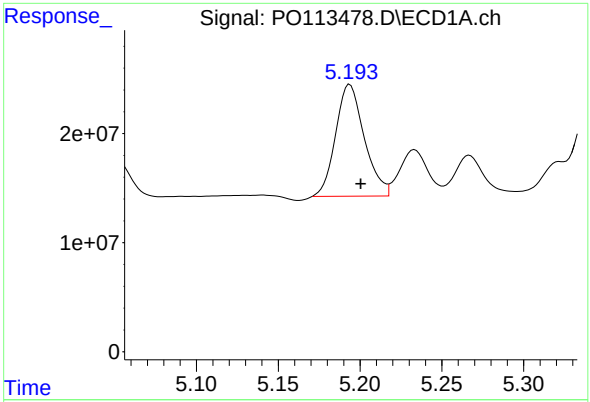
#6 AR-1016-4

R.T.: 4.936 min
Delta R.T.: -0.007 min
Response: 115757436
Conc: 530.83 ng/ml m



#6 AR-1016-4

R.T.: 4.960 min
Delta R.T.: -0.004 min
Response: 57526704
Conc: 492.95 ng/ml



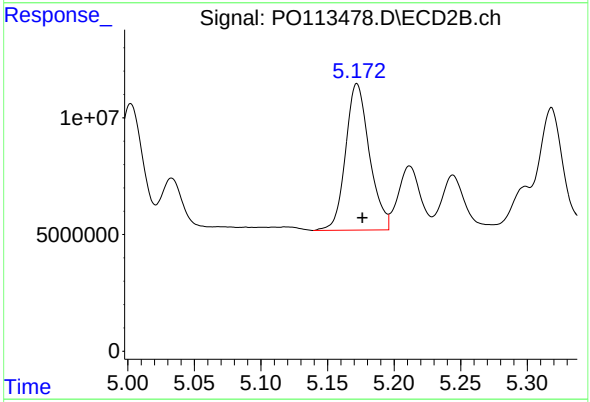
#7 AR-1016-5

R.T.: 5.194 min
Delta R.T.: -0.007 min
Response: 125102223
Conc: 564.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

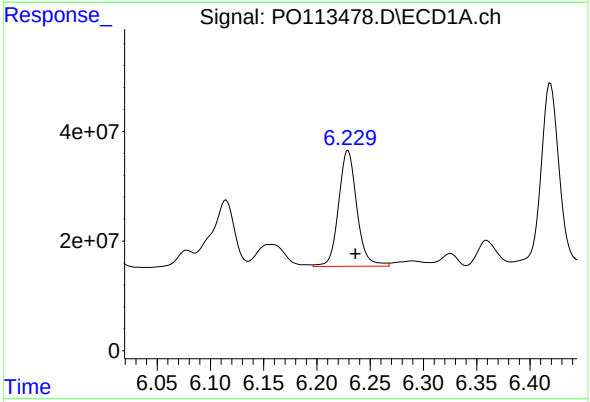
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



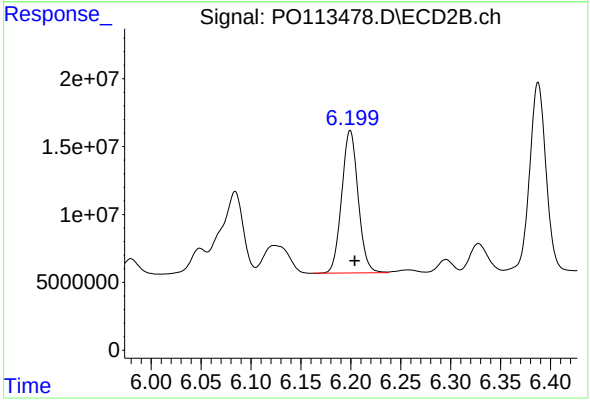
#7 AR-1016-5

R.T.: 5.172 min
Delta R.T.: -0.004 min
Response: 78252607
Conc: 549.03 ng/ml



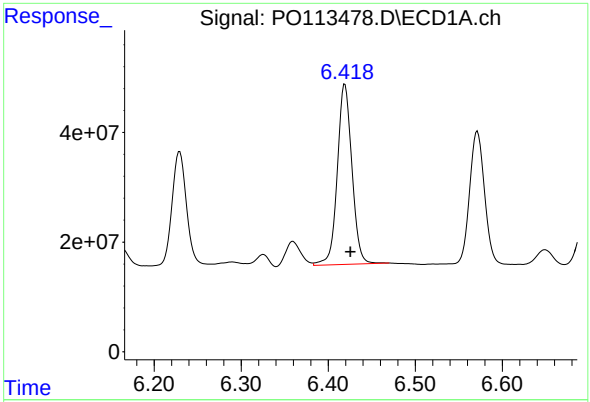
#31 AR-1260-1

R.T.: 6.229 min
Delta R.T.: -0.007 min
Response: 251979191
Conc: 565.00 ng/ml



#31 AR-1260-1

R.T.: 6.199 min
Delta R.T.: -0.005 min
Response: 120624893
Conc: 472.91 ng/ml



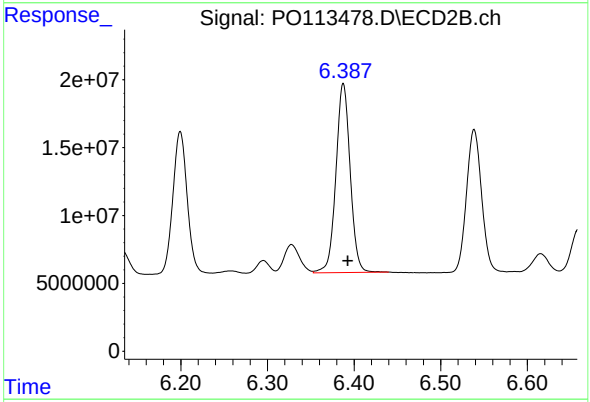
#32 AR-1260-2

R.T.: 6.419 min
Delta R.T.: -0.006 min
Response: 383881354
Conc: 559.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

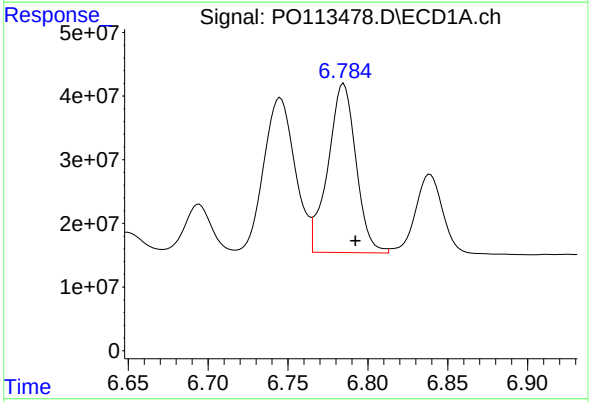
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



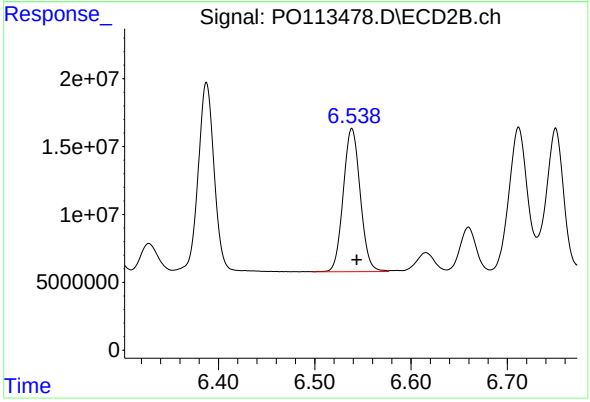
#32 AR-1260-2

R.T.: 6.388 min
Delta R.T.: -0.005 min
Response: 159795744
Conc: 462.22 ng/ml



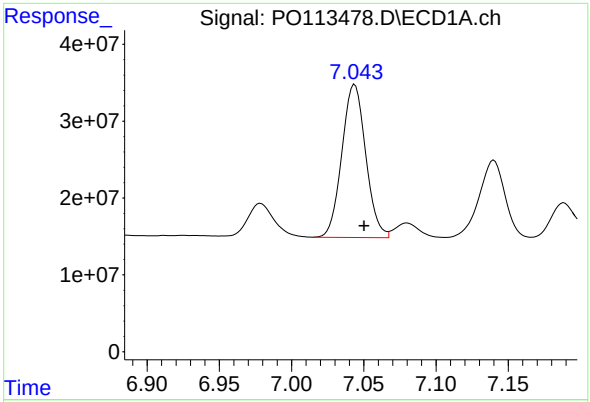
#33 AR-1260-3

R.T.: 6.785 min
Delta R.T.: -0.007 min
Response: 323433002
Conc: 523.80 ng/ml



#33 AR-1260-3

R.T.: 6.539 min
Delta R.T.: -0.005 min
Response: 128752614
Conc: 432.88 ng/ml



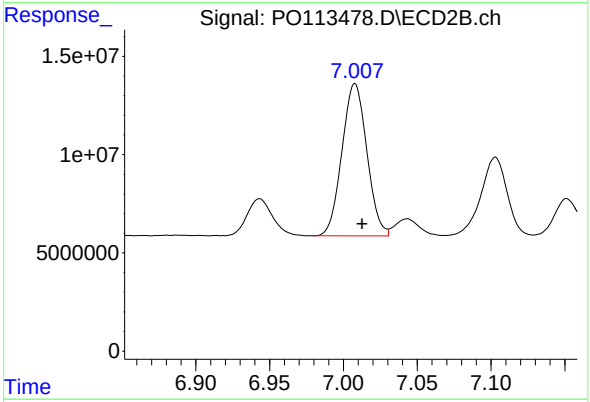
#34 AR-1260-4

R.T.: 7.044 min
Delta R.T.: -0.006 min
Response: 228183090
Conc: 509.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

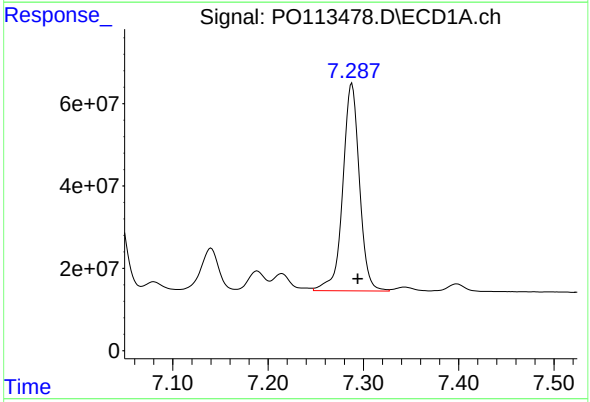
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



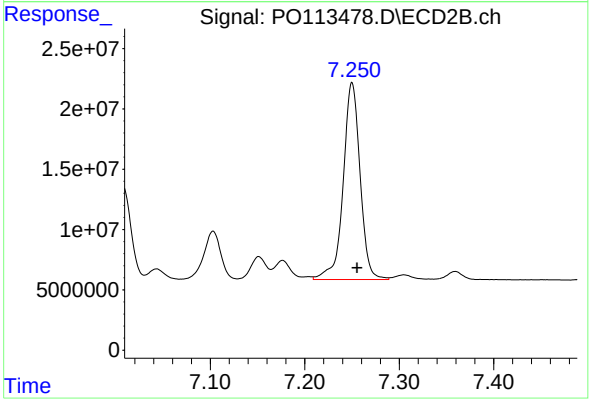
#34 AR-1260-4

R.T.: 7.008 min
Delta R.T.: -0.005 min
Response: 90912792
Conc: 438.66 ng/ml



#35 AR-1260-5

R.T.: 7.288 min
Delta R.T.: -0.006 min
Response: 612742915
Conc: 506.11 ng/ml



#35 AR-1260-5

R.T.: 7.250 min
Delta R.T.: -0.005 min
Response: 203230302
Conc: 433.85 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q3017

Continuing Calib Date: 09/04/2025 **Initial Calibration Date(s):** 08/18/2025 08/18/2025

Continuing Calib Time: 23:23 **Initial Calibration Time(s):** 09:53 18:24

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.74	4.75	4.65	4.85	0.01
Aroclor-1016-2	(2)	4.76	4.77	4.67	4.87	0.01
Aroclor-1016-3	(3)	4.82	4.82	4.72	4.92	0.00
Aroclor-1016-4	(4)	4.94	4.94	4.84	5.04	0.00
Aroclor-1016-5	(5)	5.19	5.20	5.10	5.30	0.01
Aroclor-1260-1	(1)	6.23	6.24	6.14	6.34	0.01
Aroclor-1260-2	(2)	6.42	6.43	6.33	6.53	0.01
Aroclor-1260-3	(3)	6.79	6.79	6.69	6.89	0.00
Aroclor-1260-4	(4)	7.05	7.05	6.95	7.15	0.00
Aroclor-1260-5	(5)	7.29	7.29	7.19	7.39	0.00
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.68	8.68	8.58	8.78	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q3017

Continuing Calib Date: 09/04/2025 **Initial Calibration Date(s):** 08/18/2025 08/18/2025

Continuing Calib Time: 23:23 **Initial Calibration Time(s):** 09:53 18:24

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.72	4.73	4.63	4.83	0.01
Aroclor-1016-2	(2)	4.74	4.75	4.65	4.85	0.01
Aroclor-1016-3	(3)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.17	5.18	5.08	5.28	0.01
Aroclor-1260-1	(1)	6.20	6.20	6.10	6.30	0.00
Aroclor-1260-2	(2)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-3	(3)	6.54	6.54	6.44	6.64	0.00
Aroclor-1260-4	(4)	7.01	7.01	6.91	7.11	0.00
Aroclor-1260-5	(5)	7.25	7.26	7.16	7.36	0.01
Tetrachloro-m-xylene		3.65	3.66	3.56	3.76	0.01
Decachlorobiphenyl		8.62	8.63	8.53	8.73	0.01

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q3017

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

Client Sample No.: CCAL02 **Date Analyzed:** 09/04/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO113488.D **Time Analyzed:** 23:23

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.743	4.648	4.848	580.340	500.000	16.1
Aroclor-1016-2	4.762	4.666	4.866	584.230	500.000	16.8
Aroclor-1016-3	4.819	4.724	4.924	586.660	500.000	17.3
Aroclor-1016-4	4.938	4.843	5.043	539.250	500.000	7.9
Aroclor-1016-5	5.194	5.099	5.299	563.830	500.000	12.8
Aroclor-1260-1	6.230	6.136	6.336	576.580	500.000	15.3
Aroclor-1260-2	6.421	6.326	6.526	585.500	500.000	17.1
Aroclor-1260-3	6.786	6.691	6.891	570.590	500.000	14.1
Aroclor-1260-4	7.045	6.951	7.151	557.290	500.000	11.5
Aroclor-1260-5	7.289	7.194	7.394	549.720	500.000	9.9
Decachlorobiphenyl	8.676	8.582	8.782	51.860	50.000	3.7
Tetrachloro-m-xylene	3.659	3.563	3.763	58.380	50.000	16.8

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q3017

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

Client Sample No.: CCAL02 **Date Analyzed:** 09/04/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO113488.D **Time Analyzed:** 23:23

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.724	4.629	4.829	535.830	500.000	7.2
Aroclor-1016-2	4.742	4.647	4.847	537.790	500.000	7.6
Aroclor-1016-3	4.916	4.822	5.022	516.270	500.000	3.3
Aroclor-1016-4	4.959	4.864	5.064	502.990	500.000	0.6
Aroclor-1016-5	5.171	5.076	5.276	573.220	500.000	14.6
Aroclor-1260-1	6.198	6.104	6.304	500.660	500.000	0.1
Aroclor-1260-2	6.387	6.292	6.492	488.800	500.000	-2.2
Aroclor-1260-3	6.538	6.443	6.643	456.710	500.000	-8.7
Aroclor-1260-4	7.007	6.912	7.112	470.540	500.000	-5.9
Aroclor-1260-5	7.249	7.155	7.355	459.290	500.000	-8.1
Decachlorobiphenyl	8.620	8.528	8.728	55.050	50.000	10.1
Tetrachloro-m-xylene	3.651	3.555	3.755	54.760	50.000	9.5

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113488.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 23:23
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:37:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.659	3.651	477.9E6	277.1E6	58.377	54.756
2)	SA Decachlor...	8.676	8.620	359.4E6	104.3E6	51.857	55.049
	Target Compounds						
3)	L1 AR-1016-1	4.743	4.724	154.9E6	91398360	580.340	535.829
4)	L1 AR-1016-2	4.762	4.742	234.5E6	138.6E6	584.229	537.786
5)	L1 AR-1016-3	4.819	4.916	149.6E6	72079309	586.657	516.274
6)	L1 AR-1016-4	4.938	4.959	117.6E6	58697905	539.249m	502.986
7)	L1 AR-1016-5	5.194	5.171	125.0E6	81701737	563.829m	573.225
31)	L7 AR-1260-1	6.230	6.198	257.1E6	127.7E6	576.582m	500.657
32)	L7 AR-1260-2	6.421	6.387	402.1E6	169.0E6	585.498	488.797
33)	L7 AR-1260-3	6.786	6.538	352.3E6	135.8E6	570.593	456.712
34)	L7 AR-1260-4	7.045	7.007	249.6E6	97518612	557.287	470.537
35)	L7 AR-1260-5	7.289	7.249	665.5E6	215.1E6	549.722	459.290

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113488.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 23:23
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

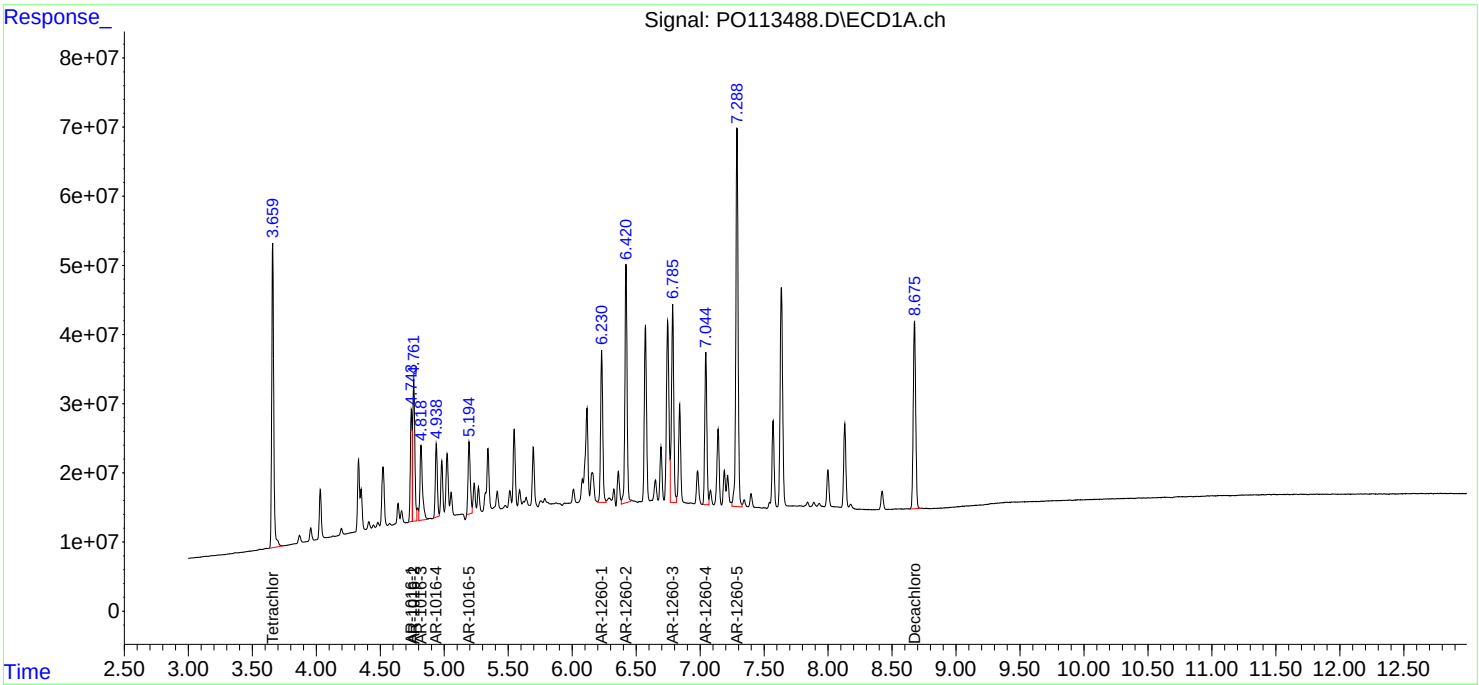
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:37:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 2025
Response via : Initial Calibration
Integrator: ChemStation

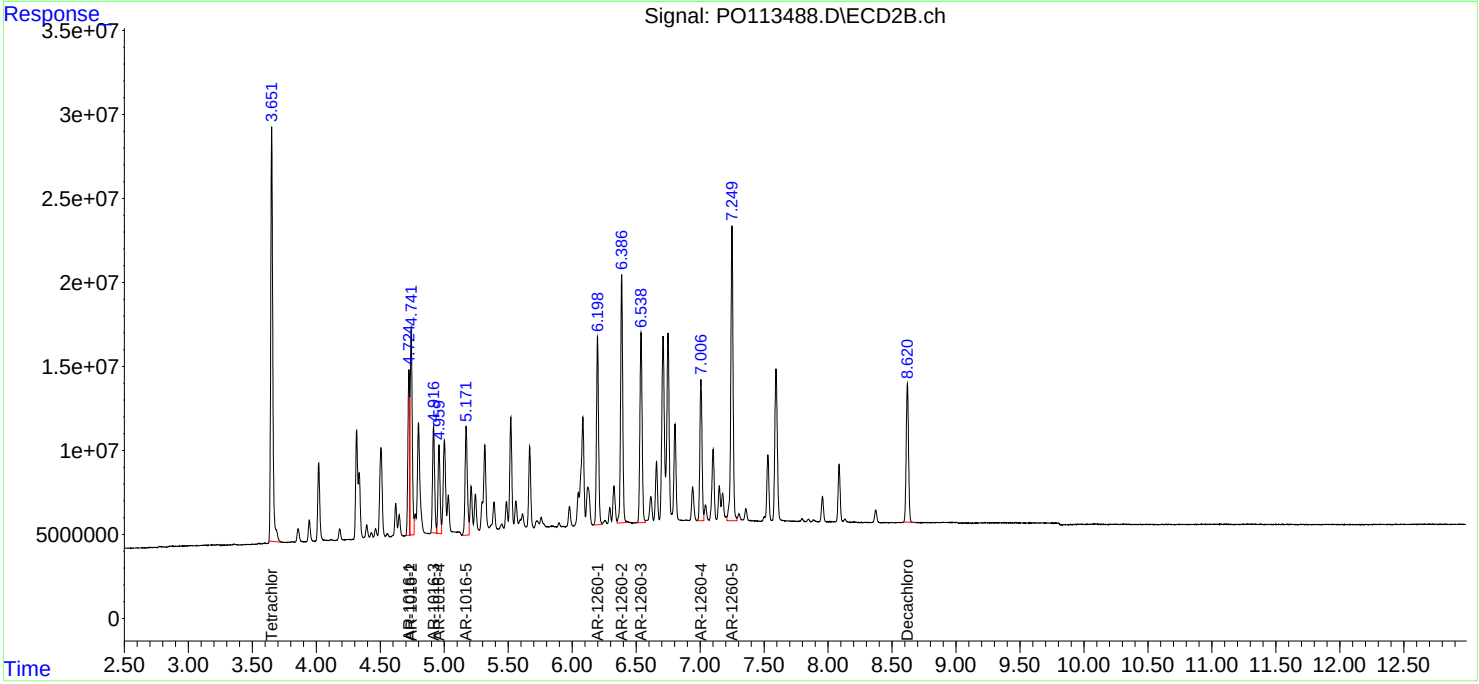
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

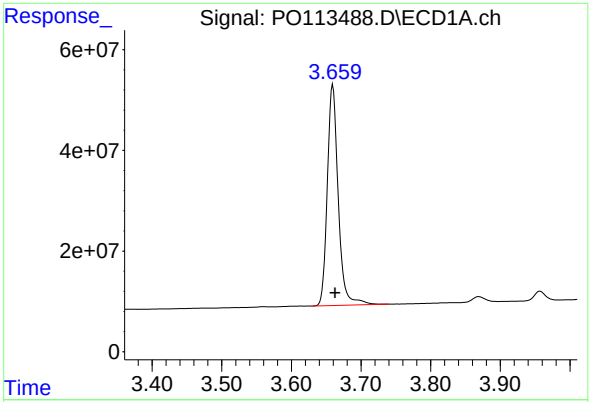
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025







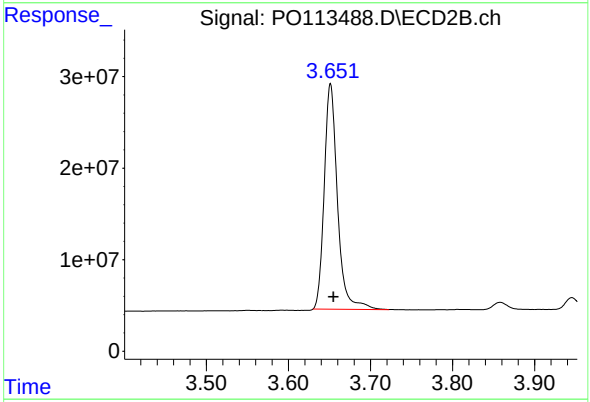
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.004 min
Response: 477905122
Conc: 58.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

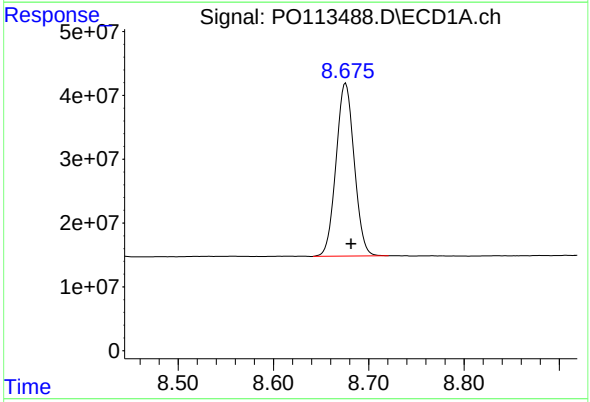
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



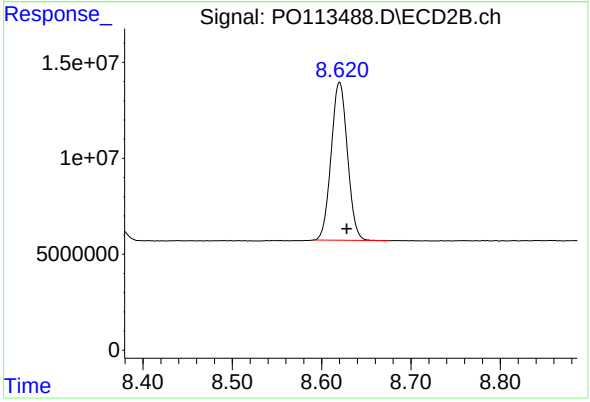
#1 Tetrachloro-m-xylene

R.T.: 3.651 min
Delta R.T.: -0.004 min
Response: 277101584
Conc: 54.76 ng/ml



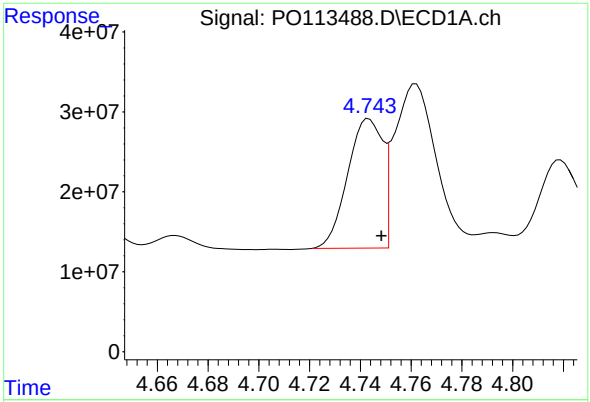
#2 Decachlorobiphenyl

R.T.: 8.676 min
Delta R.T.: -0.006 min
Response: 359444686
Conc: 51.86 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.620 min
Delta R.T.: -0.008 min
Response: 104309802
Conc: 55.05 ng/ml



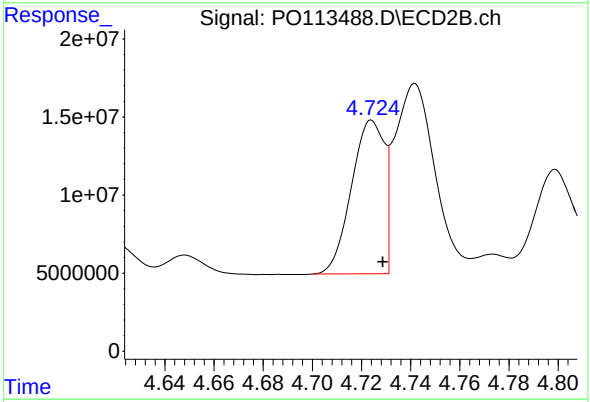
#3 AR-1016-1

R.T.: 4.743 min
Delta R.T.: -0.005 min
Response: 154941892
Conc: 580.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

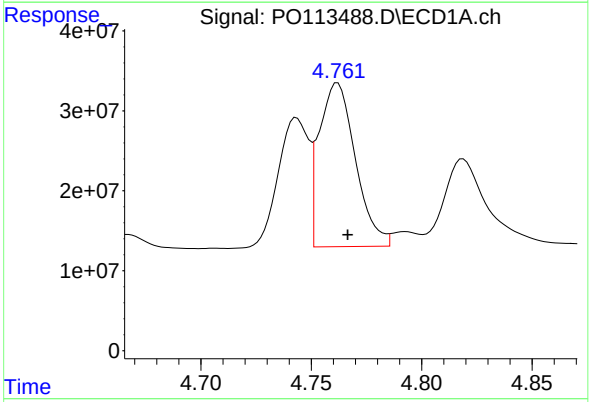
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



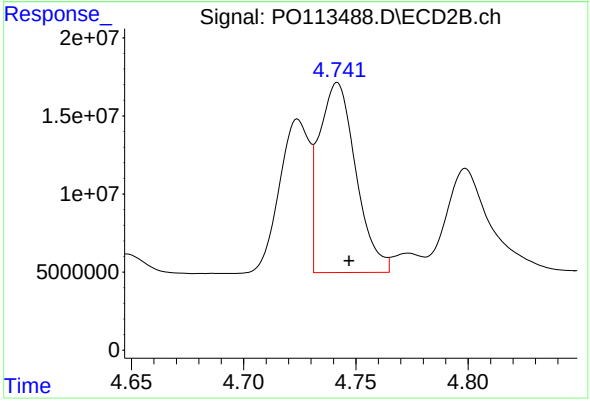
#3 AR-1016-1

R.T.: 4.724 min
Delta R.T.: -0.005 min
Response: 91398360
Conc: 535.83 ng/ml



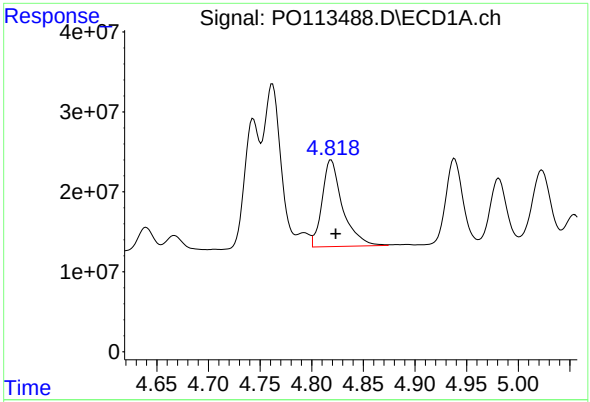
#4 AR-1016-2

R.T.: 4.762 min
Delta R.T.: -0.005 min
Response: 234528062
Conc: 584.23 ng/ml



#4 AR-1016-2

R.T.: 4.742 min
Delta R.T.: -0.005 min
Response: 138563804
Conc: 537.79 ng/ml



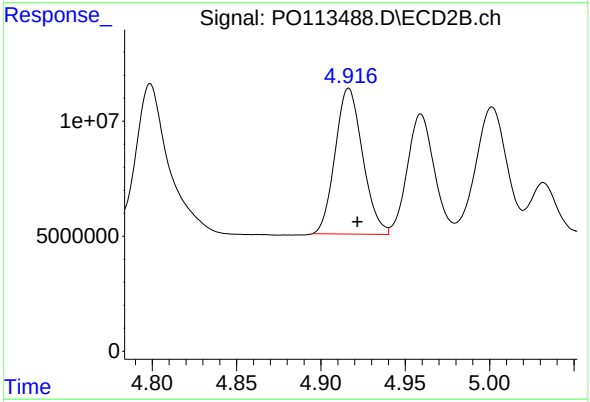
#5 AR-1016-3

R.T.: 4.819 min
Delta R.T.: -0.005 min
Response: 149610583
Conc: 586.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

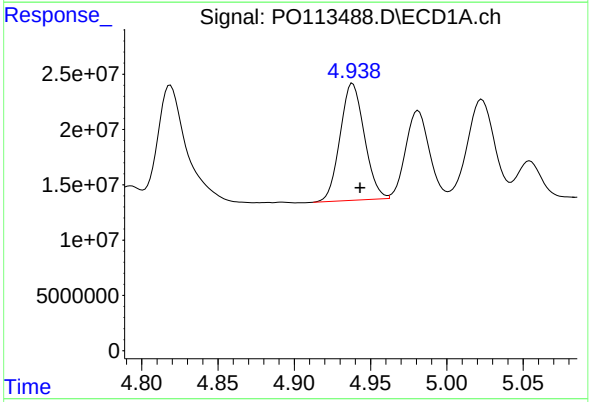
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



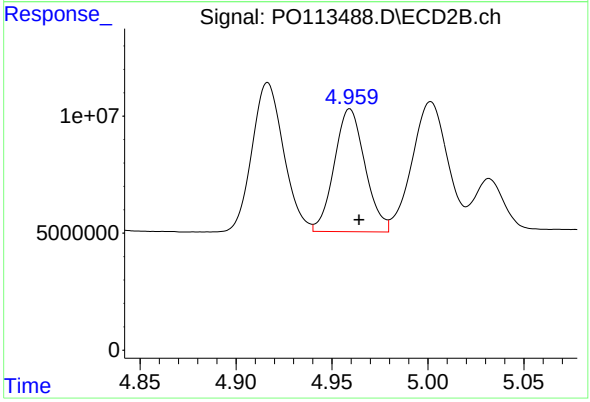
#5 AR-1016-3

R.T.: 4.916 min
Delta R.T.: -0.005 min
Response: 72079309
Conc: 516.27 ng/ml



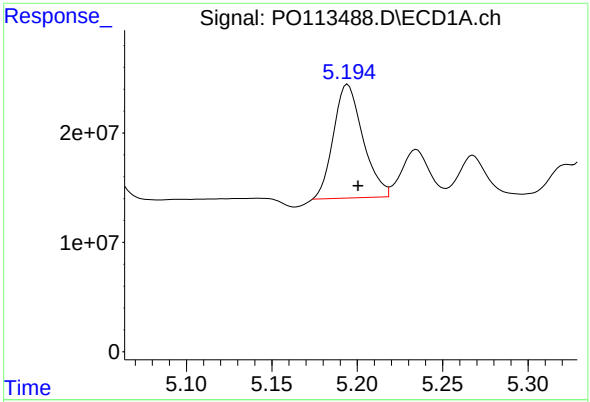
#6 AR-1016-4

R.T.: 4.938 min
Delta R.T.: -0.006 min
Response: 117592989
Conc: 539.25 ng/ml m



#6 AR-1016-4

R.T.: 4.959 min
Delta R.T.: -0.005 min
Response: 58697905
Conc: 502.99 ng/ml



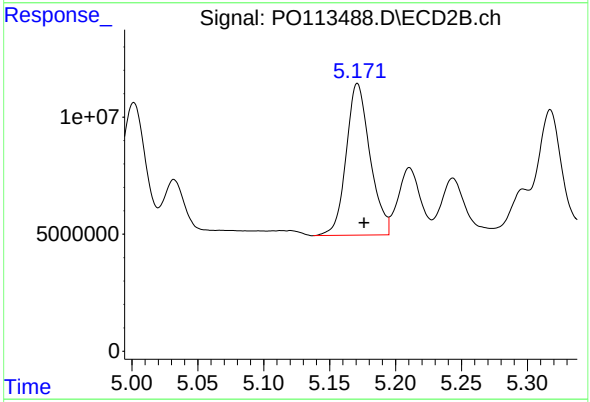
#7 AR-1016-5

R.T.: 5.194 min
Delta R.T.: -0.007 min
Response: 124960317
Conc: 563.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

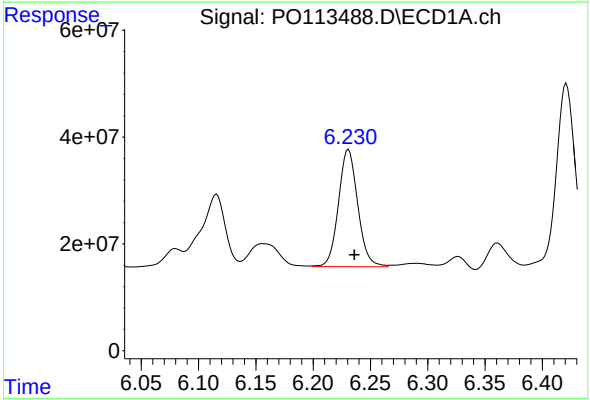
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



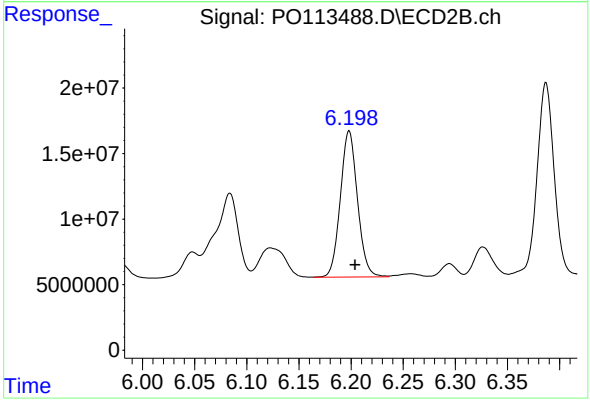
#7 AR-1016-5

R.T.: 5.171 min
Delta R.T.: -0.005 min
Response: 81701737
Conc: 573.22 ng/ml



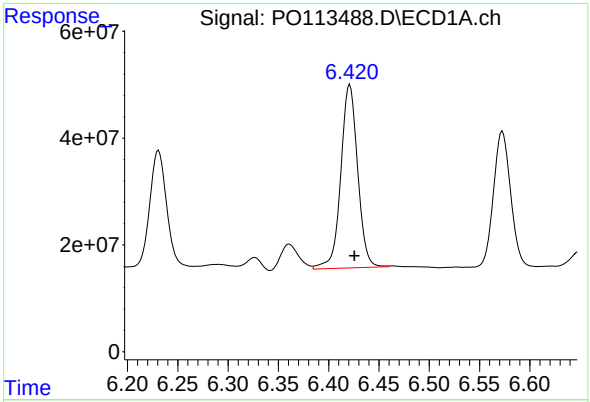
#31 AR-1260-1

R.T.: 6.230 min
Delta R.T.: -0.006 min
Response: 257144494
Conc: 576.58 ng/ml m



#31 AR-1260-1

R.T.: 6.198 min
Delta R.T.: -0.006 min
Response: 127701928
Conc: 500.66 ng/ml



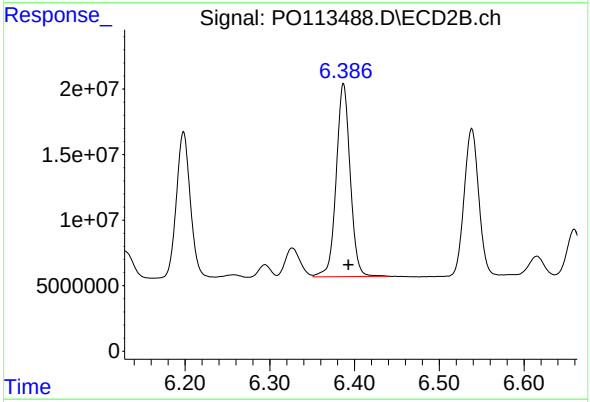
#32 AR-1260-2

R.T.: 6.421 min
Delta R.T.: -0.004 min
Response: 402073769
Conc: 585.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

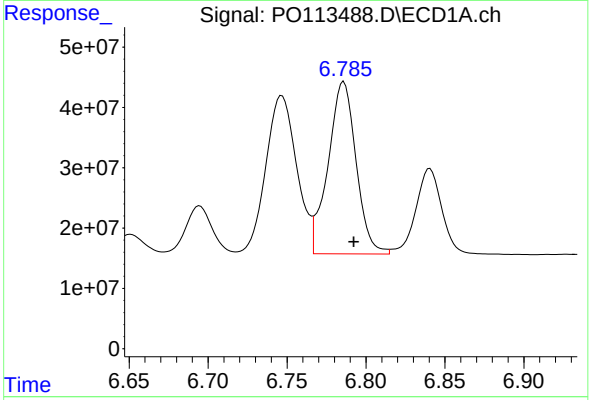
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



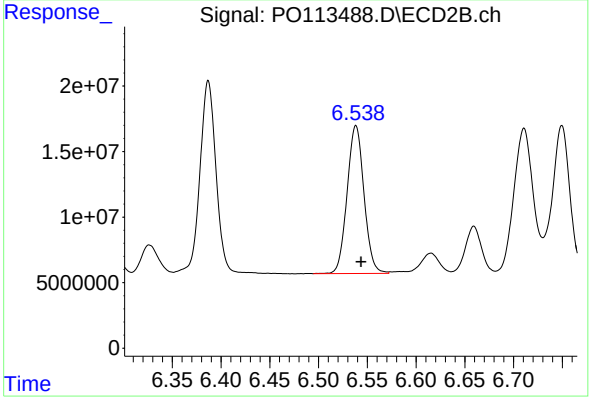
#32 AR-1260-2

R.T.: 6.387 min
Delta R.T.: -0.006 min
Response: 168982802
Conc: 488.80 ng/ml



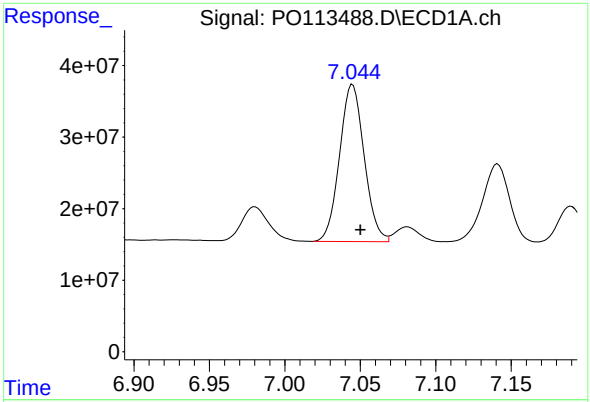
#33 AR-1260-3

R.T.: 6.786 min
Delta R.T.: -0.006 min
Response: 352326253
Conc: 570.59 ng/ml



#33 AR-1260-3

R.T.: 6.538 min
Delta R.T.: -0.005 min
Response: 135841653
Conc: 456.71 ng/ml



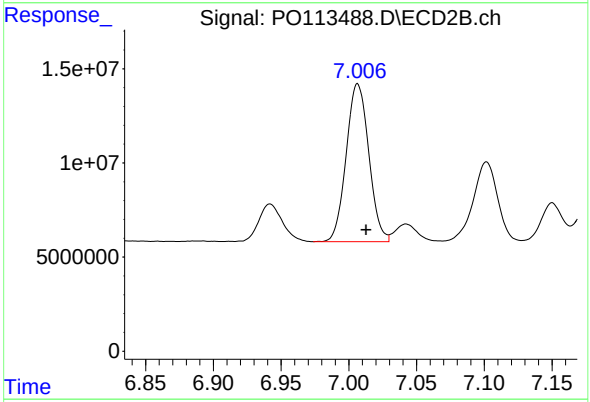
#34 AR-1260-4

R.T.: 7.045 min
Delta R.T.: -0.005 min
Response: 249594753
Conc: 557.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

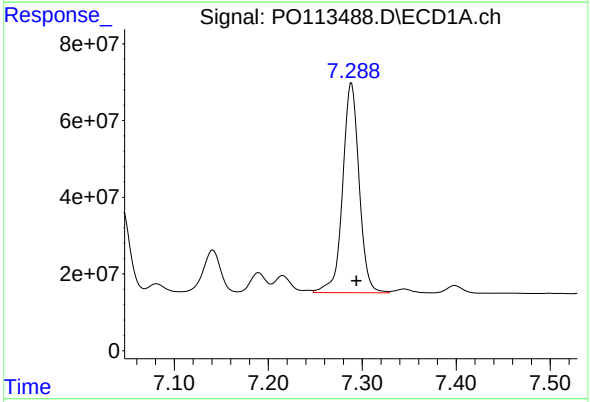
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



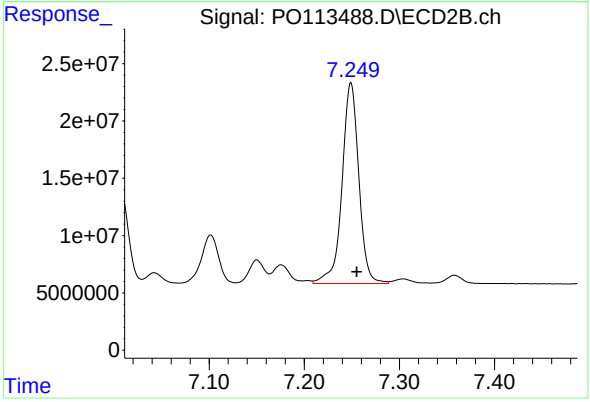
#34 AR-1260-4

R.T.: 7.007 min
Delta R.T.: -0.006 min
Response: 97518612
Conc: 470.54 ng/ml



#35 AR-1260-5

R.T.: 7.289 min
Delta R.T.: -0.005 min
Response: 665539939
Conc: 549.72 ng/ml



#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.006 min
Response: 215144999
Conc: 459.29 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q3017

Continuing Calib Date: 09/05/2025 **Initial Calibration Date(s):** 08/19/2025 08/19/2025

Continuing Calib Time: 08:40 **Initial Calibration Time(s):** 10:02 17:36

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)	5.81	5.81	5.71	5.91	0.00
Aroclor-1016-2	(2)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-3	(3)	5.89	5.89	5.79	5.99	0.00
Aroclor-1016-4	(4)	5.99	5.99	5.89	6.09	0.00
Aroclor-1016-5	(5)	6.28	6.28	6.18	6.38	0.00
Aroclor-1260-1	(1)	7.40	7.40	7.30	7.50	0.00
Aroclor-1260-2	(2)	7.65	7.65	7.55	7.75	0.00
Aroclor-1260-3	(3)	8.01	8.01	7.91	8.11	0.00
Aroclor-1260-4	(4)	8.24	8.24	8.14	8.34	0.00
Aroclor-1260-5	(5)	8.56	8.56	8.46	8.66	0.00
Tetrachloro-m-xylene		4.65	4.65	4.55	4.75	0.00
Decachlorobiphenyl		10.43	10.43	10.33	10.53	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q3017

Continuing Calib Date: 09/05/2025 **Initial Calibration Date(s):** 08/19/2025 08/19/2025

Continuing Calib Time: 08:40 **Initial Calibration Time(s):** 10:02 17:36

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)	4.89	4.90	4.80	5.00	0.01
Aroclor-1016-2	(2)	4.95	4.96	4.86	5.06	0.01
Aroclor-1016-3	(3)	5.07	5.08	4.98	5.18	0.01
Aroclor-1016-4	(4)	5.11	5.12	5.02	5.22	0.01
Aroclor-1016-5	(5)	5.33	5.33	5.23	5.43	0.00
Aroclor-1260-1	(1)	6.36	6.36	6.26	6.46	0.00
Aroclor-1260-2	(2)	6.54	6.55	6.45	6.65	0.01
Aroclor-1260-3	(3)	6.70	6.70	6.60	6.80	0.00
Aroclor-1260-4	(4)	7.17	7.17	7.07	7.27	0.00
Aroclor-1260-5	(5)	7.41	7.41	7.31	7.51	0.00
Tetrachloro-m-xylene		3.79	3.80	3.70	3.90	0.01
Decachlorobiphenyl		8.81	8.82	8.72	8.92	0.01

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q3017

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

Client Sample No.: CCAL03 **Date Analyzed:** 09/05/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074886.D **Time Analyzed:** 08:40

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.806	5.706	5.906	509.440	500.000	1.9
Aroclor-1016-2	5.827	5.727	5.927	530.120	500.000	6.0
Aroclor-1016-3	5.890	5.790	5.990	478.420	500.000	-4.3
Aroclor-1016-4	5.988	5.888	6.088	508.630	500.000	1.7
Aroclor-1016-5	6.280	6.180	6.380	528.550	500.000	5.7
Aroclor-1260-1	7.397	7.297	7.497	490.460	500.000	-1.9
Aroclor-1260-2	7.650	7.550	7.750	485.610	500.000	-2.9
Aroclor-1260-3	8.008	7.908	8.108	516.920	500.000	3.4
Aroclor-1260-4	8.236	8.136	8.336	496.700	500.000	-0.7
Aroclor-1260-5	8.562	8.462	8.662	476.630	500.000	-4.7
Decachlorobiphenyl	10.433	10.333	10.533	56.080	50.000	12.2
Tetrachloro-m-xylene	4.654	4.554	4.754	53.210	50.000	6.4

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q3017

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

Client Sample No.: CCAL03 **Date Analyzed:** 09/05/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074886.D **Time Analyzed:** 08:40

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.893	4.799	4.999	555.770	500.000	11.2
Aroclor-1016-2	4.952	4.855	5.055	568.340	500.000	13.7
Aroclor-1016-3	5.072	4.976	5.176	539.900	500.000	8.0
Aroclor-1016-4	5.112	5.017	5.217	528.240	500.000	5.6
Aroclor-1016-5	5.327	5.231	5.431	475.800	500.000	-4.8
Aroclor-1260-1	6.357	6.261	6.461	508.560	500.000	1.7
Aroclor-1260-2	6.542	6.448	6.648	499.680	500.000	-0.1
Aroclor-1260-3	6.696	6.602	6.802	450.490	500.000	-9.9
Aroclor-1260-4	7.166	7.072	7.272	489.810	500.000	-2.0
Aroclor-1260-5	7.405	7.311	7.511	473.770	500.000	-5.2
Decachlorobiphenyl	8.806	8.715	8.915	55.940	50.000	11.9
Tetrachloro-m-xylene	3.794	3.699	3.899	59.900	50.000	19.8

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074886.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 08:40
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:33:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.654	3.794	65113072	289.6E6	53.210	59.900m
2)	SA Decachlor...	10.433	8.806	55383628	419.5E6	56.084	55.944
	Target Compounds						
3)	L1 AR-1016-1	5.806	4.893	22460820	283.1E6	509.444	555.765
4)	L1 AR-1016-2	5.827	4.952	33313652	135.3E6	530.121	568.339
5)	L1 AR-1016-3	5.890	5.072	21487838	74454459	478.423	539.902
6)	L1 AR-1016-4	5.988	5.112	17894407	73849165	508.627	528.236
7)	L1 AR-1016-5	6.280	5.327	17540594	79023130	528.553	475.804
31)	L7 AR-1260-1	7.397	6.357	28353542	190.8E6	490.465	508.560
32)	L7 AR-1260-2	7.650	6.542	33466693	264.2E6	485.605	499.680
33)	L7 AR-1260-3	8.008	6.696	26820361	195.1E6	516.917	450.488
34)	L7 AR-1260-4	8.236	7.166	31685900	186.9E6	496.701	489.815
35)	L7 AR-1260-5	8.562	7.405	54055544	475.9E6	476.629	473.774

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074886.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 08:40
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

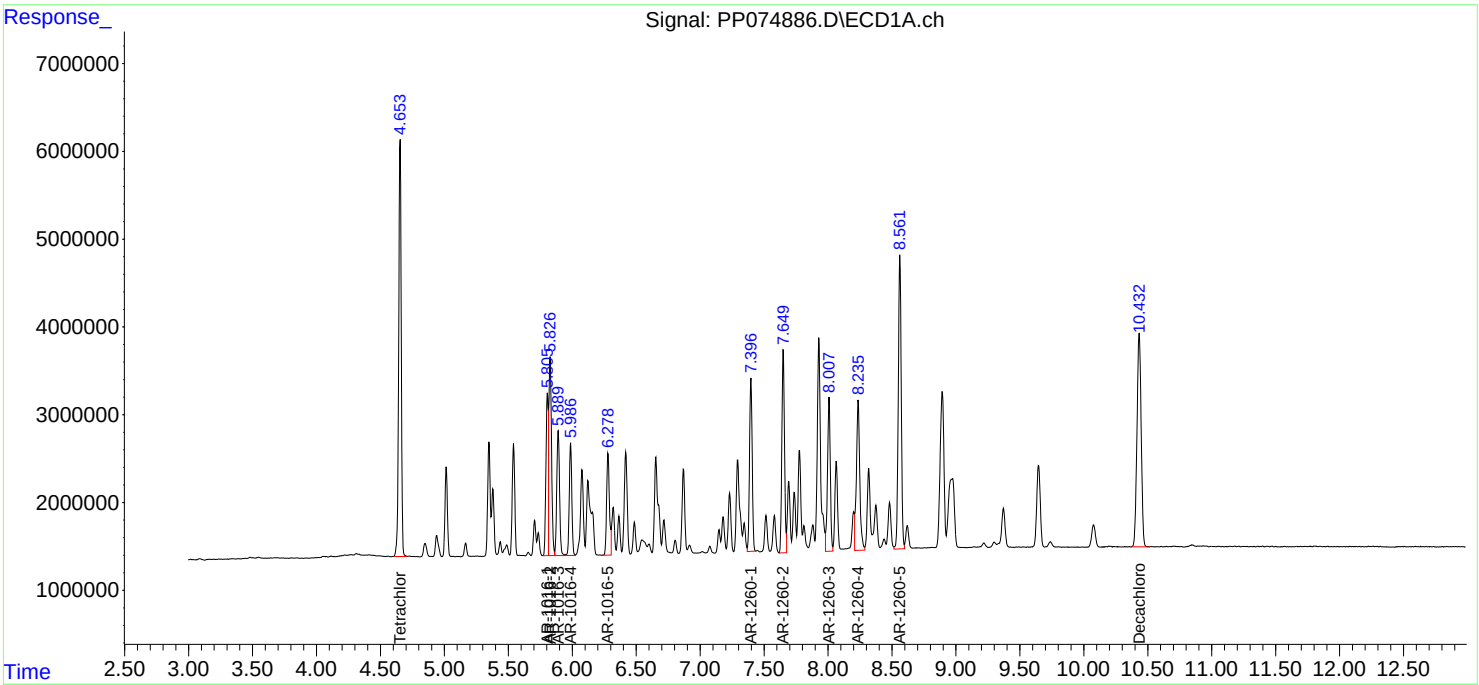
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

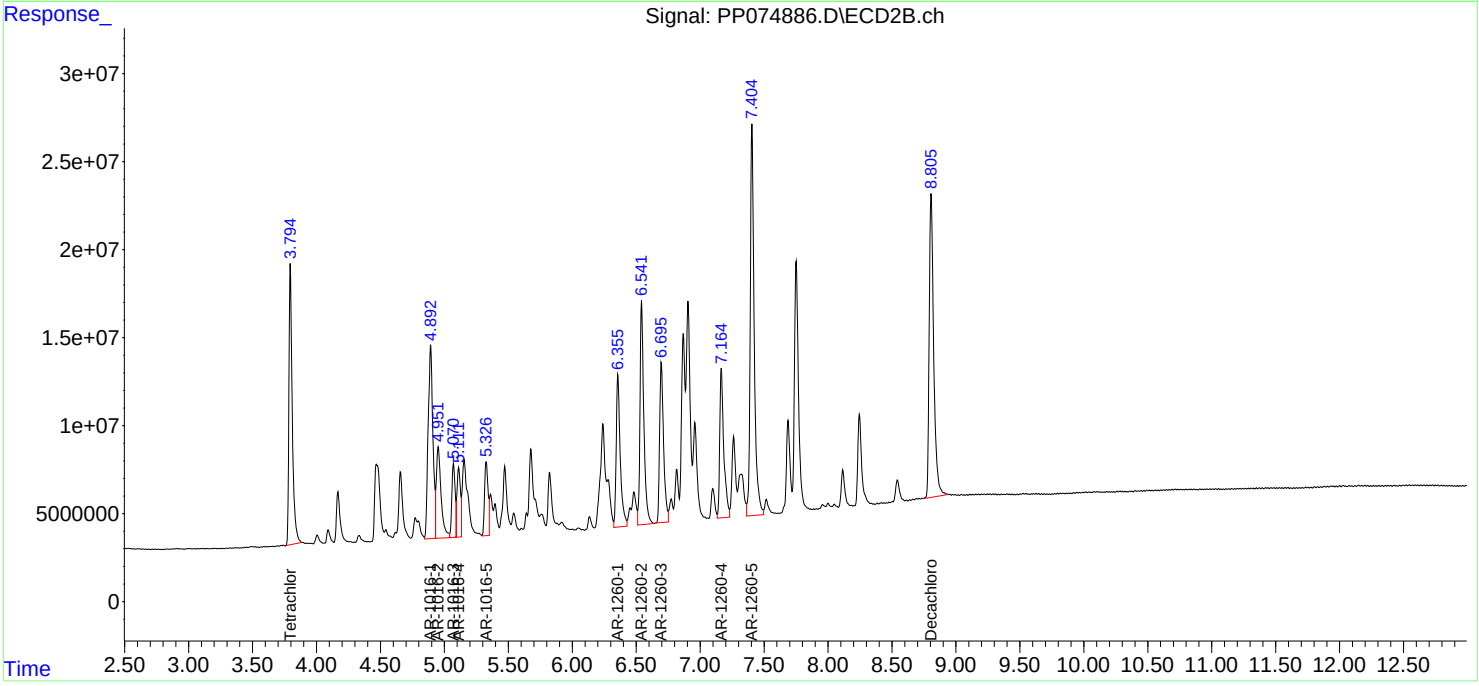
Manual Integrations APPROVED

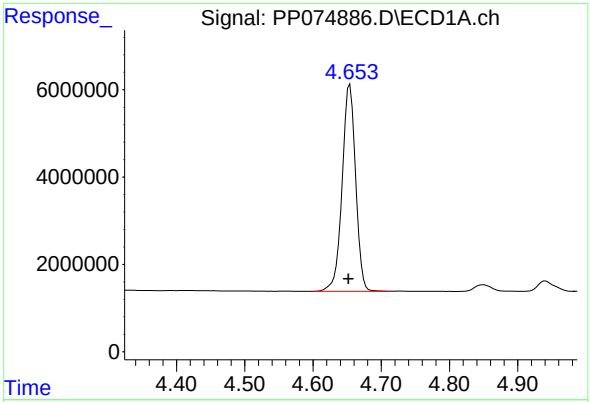
Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:33:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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







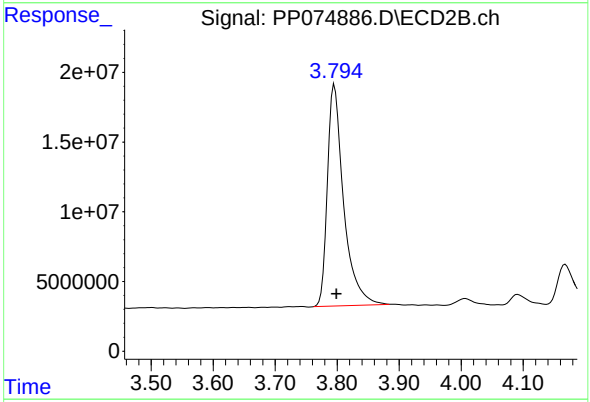
#1 Tetrachloro-m-xylene

R.T.: 4.654 min
Delta R.T.: 0.002 min
Response: 65113072
Conc: 53.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

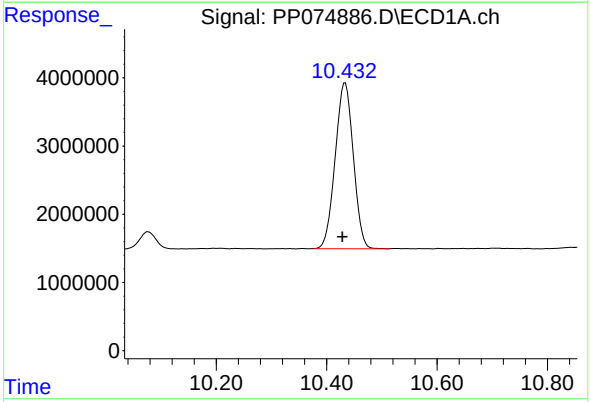
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025



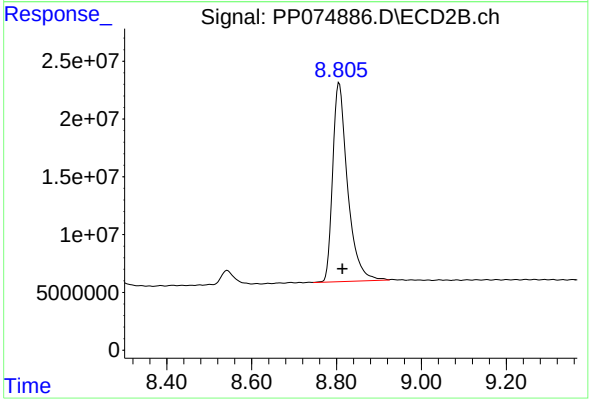
#1 Tetrachloro-m-xylene

R.T.: 3.794 min
Delta R.T.: -0.005 min
Response: 289643564
Conc: 59.90 ng/ml m



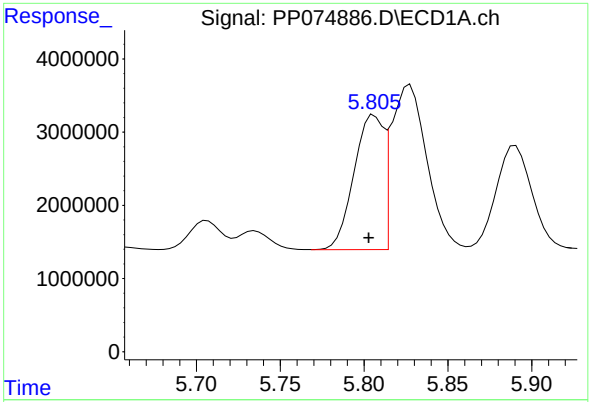
#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.005 min
Response: 55383628
Conc: 56.08 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.806 min
Delta R.T.: -0.008 min
Response: 419535021
Conc: 55.94 ng/ml



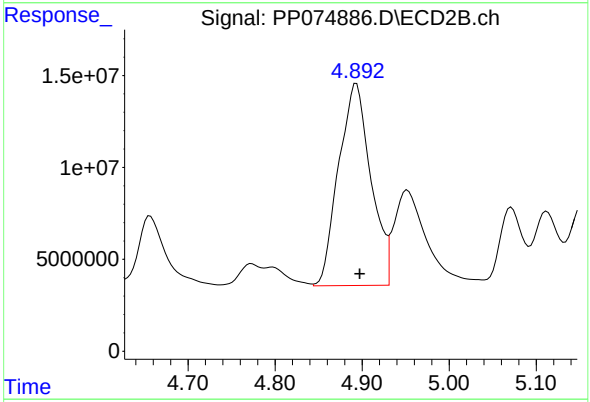
#3 AR-1016-1

R.T.: 5.806 min
Delta R.T.: 0.003 min
Response: 22460820
Conc: 509.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

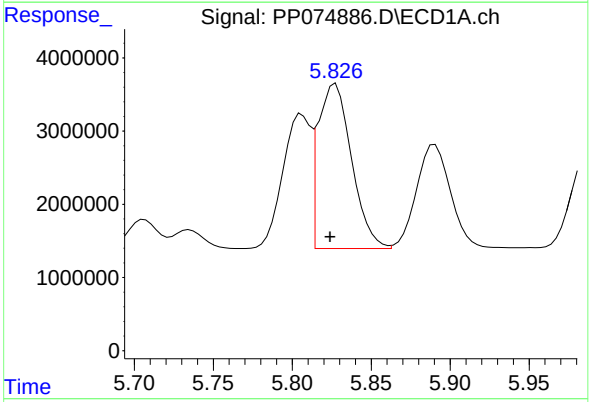
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025



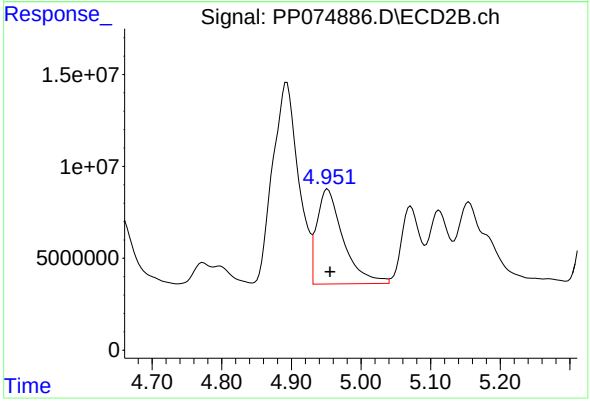
#3 AR-1016-1

R.T.: 4.893 min
Delta R.T.: -0.004 min
Response: 283081035
Conc: 555.77 ng/ml



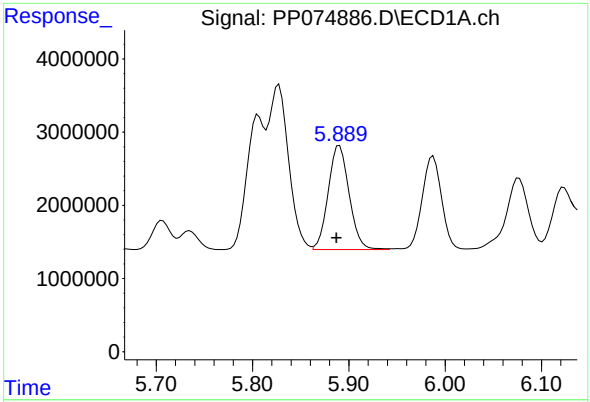
#4 AR-1016-2

R.T.: 5.827 min
Delta R.T.: 0.003 min
Response: 33313652
Conc: 530.12 ng/ml



#4 AR-1016-2

R.T.: 4.952 min
Delta R.T.: -0.003 min
Response: 135273524
Conc: 568.34 ng/ml



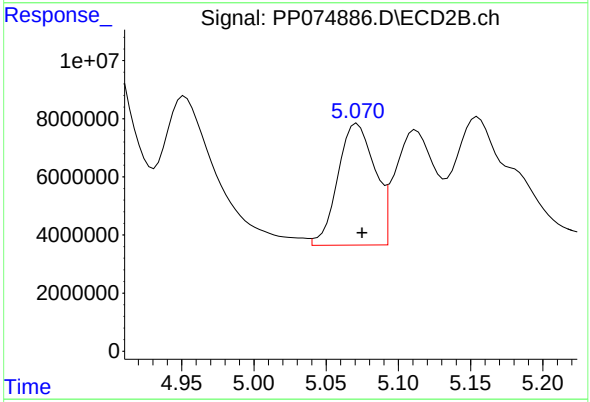
#5 AR-1016-3

R.T.: 5.890 min
Delta R.T.: 0.003 min
Response: 21487838
Conc: 478.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

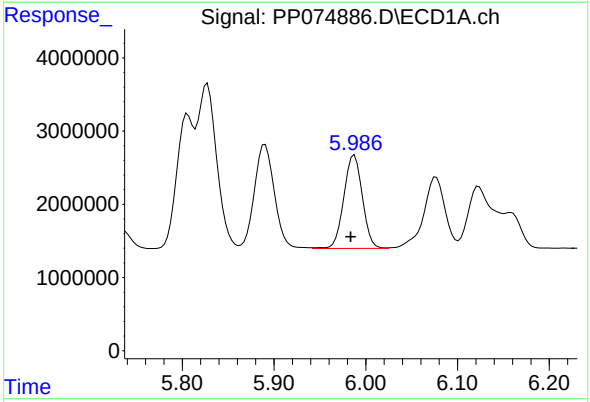
Manual Integrations
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Supervised By :mohammad ahmed 09/08/2025



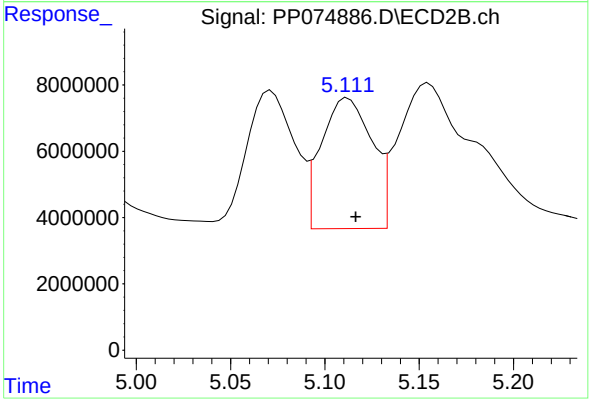
#5 AR-1016-3

R.T.: 5.072 min
Delta R.T.: -0.003 min
Response: 74454459
Conc: 539.90 ng/ml



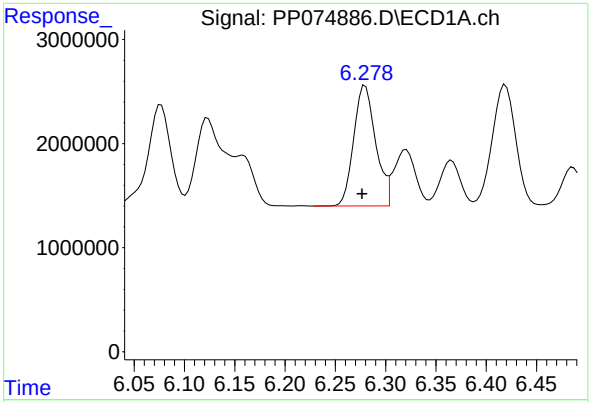
#6 AR-1016-4

R.T.: 5.988 min
Delta R.T.: 0.004 min
Response: 17894407
Conc: 508.63 ng/ml



#6 AR-1016-4

R.T.: 5.112 min
Delta R.T.: -0.004 min
Response: 73849165
Conc: 528.24 ng/ml



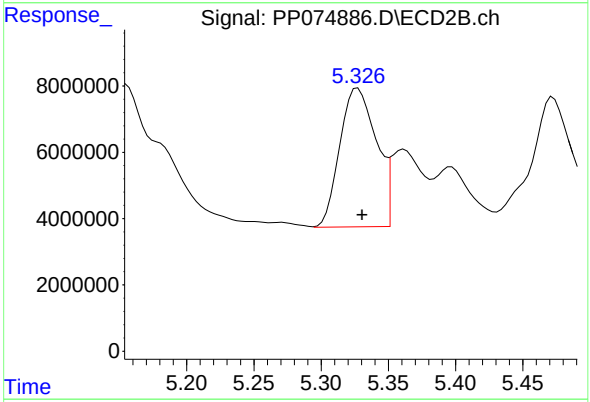
#7 AR-1016-5

R.T.: 6.280 min
Delta R.T.: 0.003 min
Response: 17540594
Conc: 528.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

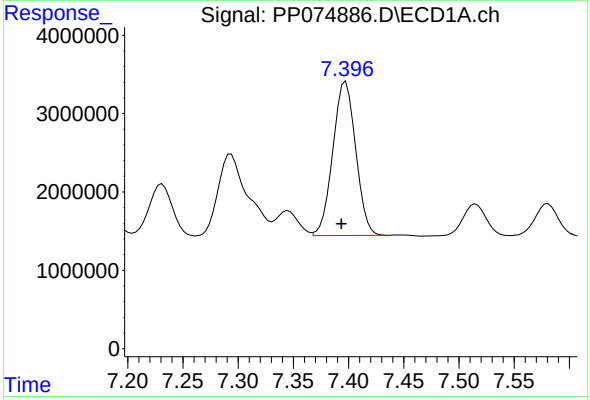
Manual Integrations APPROVED

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Supervised By :mohammad ahmed 09/08/2025



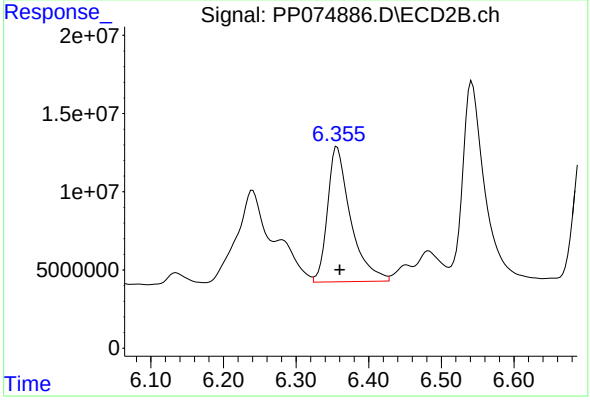
#7 AR-1016-5

R.T.: 5.327 min
Delta R.T.: -0.003 min
Response: 79023130
Conc: 475.80 ng/ml



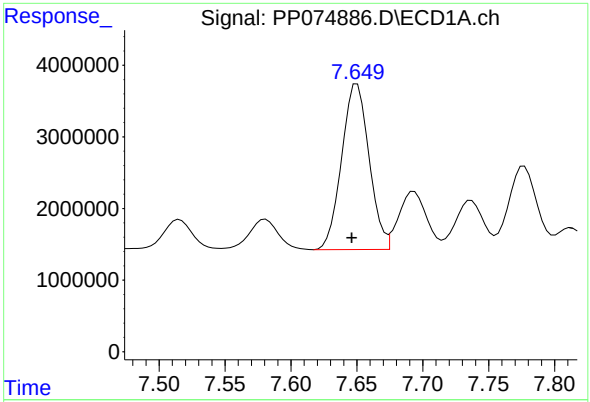
#31 AR-1260-1

R.T.: 7.397 min
Delta R.T.: 0.004 min
Response: 28353542
Conc: 490.46 ng/ml



#31 AR-1260-1

R.T.: 6.357 min
Delta R.T.: -0.003 min
Response: 190823423
Conc: 508.56 ng/ml



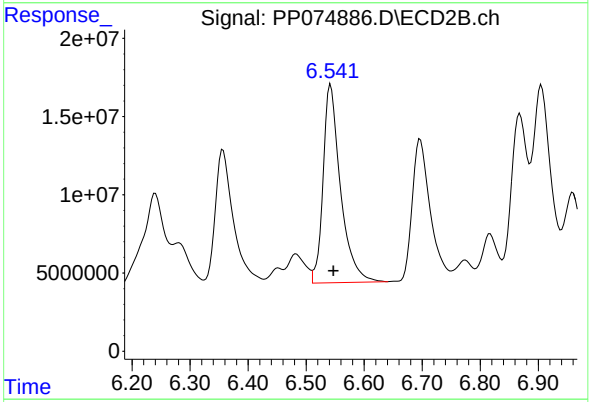
#32 AR-1260-2

R.T.: 7.650 min
Delta R.T.: 0.004 min
Response: 33466693
Conc: 485.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

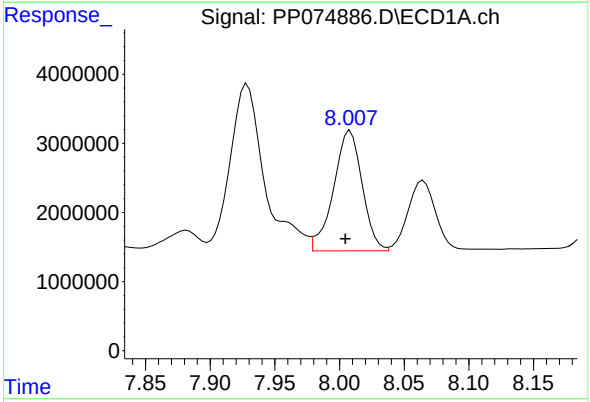
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025



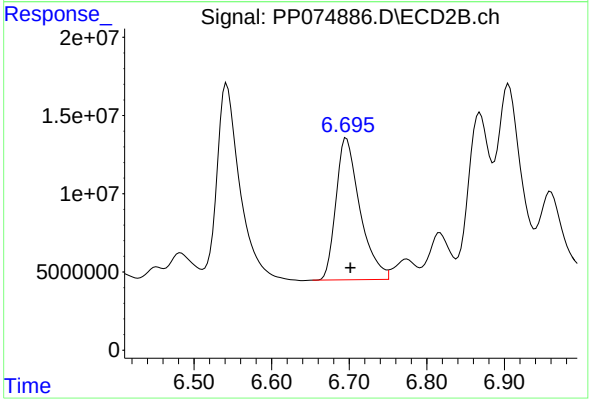
#32 AR-1260-2

R.T.: 6.542 min
Delta R.T.: -0.005 min
Response: 264238241
Conc: 499.68 ng/ml



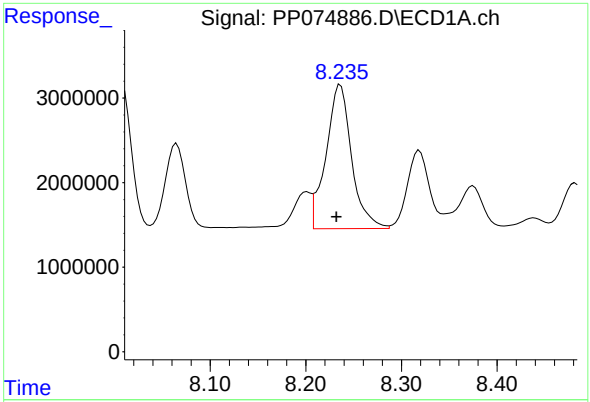
#33 AR-1260-3

R.T.: 8.008 min
Delta R.T.: 0.004 min
Response: 26820361
Conc: 516.92 ng/ml



#33 AR-1260-3

R.T.: 6.696 min
Delta R.T.: -0.005 min
Response: 195061445
Conc: 450.49 ng/ml



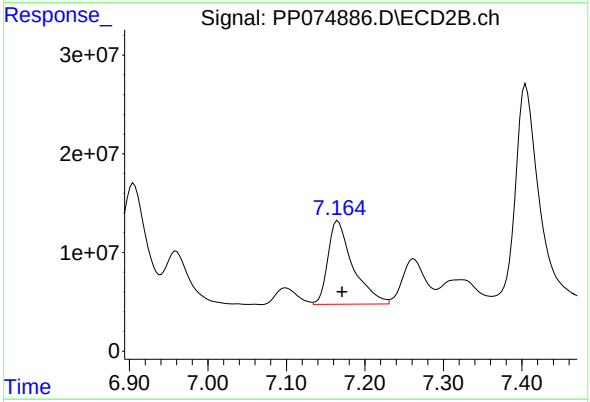
#34 AR-1260-4

R.T.: 8.236 min
Delta R.T.: 0.004 min
Response: 31685900
Conc: 496.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

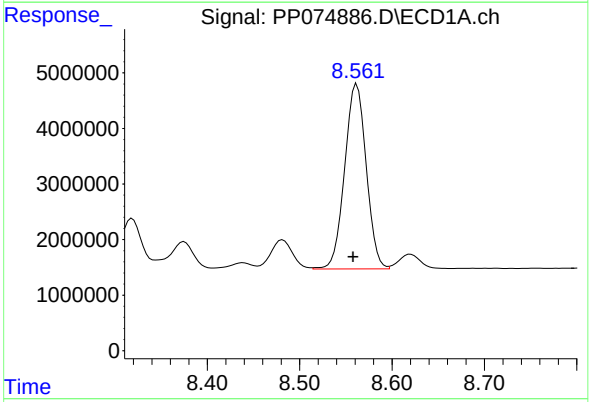
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025



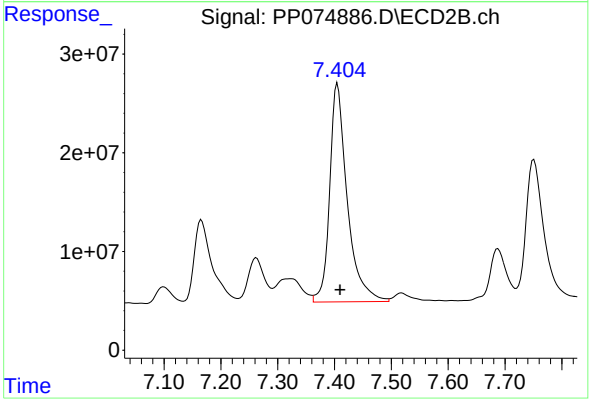
#34 AR-1260-4

R.T.: 7.166 min
Delta R.T.: -0.005 min
Response: 186851602
Conc: 489.81 ng/ml



#35 AR-1260-5

R.T.: 8.562 min
Delta R.T.: 0.004 min
Response: 54055544
Conc: 476.63 ng/ml



#35 AR-1260-5

R.T.: 7.405 min
Delta R.T.: -0.005 min
Response: 475896452
Conc: 473.77 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q3017

Continuing Calib Date: 09/05/2025 **Initial Calibration Date(s):** 08/19/2025 08/19/2025

Continuing Calib Time: 12:51 **Initial Calibration Time(s):** 10:02 17:36

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)	5.81	5.81	5.71	5.91	0.00
Aroclor-1016-2	(2)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-3	(3)	5.90	5.89	5.79	5.99	-0.01
Aroclor-1016-4	(4)	5.99	5.99	5.89	6.09	0.00
Aroclor-1016-5	(5)	6.29	6.28	6.18	6.38	-0.01
Aroclor-1260-1	(1)	7.40	7.40	7.30	7.50	0.00
Aroclor-1260-2	(2)	7.66	7.65	7.55	7.75	-0.01
Aroclor-1260-3	(3)	8.01	8.01	7.91	8.11	0.00
Aroclor-1260-4	(4)	8.24	8.24	8.14	8.34	0.00
Aroclor-1260-5	(5)	8.57	8.56	8.46	8.66	-0.01
Tetrachloro-m-xylene		4.66	4.65	4.55	4.75	-0.01
Decachlorobiphenyl		10.44	10.43	10.33	10.53	-0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q3017

Continuing Calib Date: 09/05/2025 **Initial Calibration Date(s):** 08/19/2025 08/19/2025

Continuing Calib Time: 12:51 **Initial Calibration Time(s):** 10:02 17:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.90	4.90	4.80	5.00	0.00
Aroclor-1016-2	(2)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-3	(3)	5.08	5.08	4.98	5.18	0.00
Aroclor-1016-4	(4)	5.12	5.12	5.02	5.22	0.00
Aroclor-1016-5	(5)	5.33	5.33	5.23	5.43	0.00
Aroclor-1260-1	(1)	6.36	6.36	6.26	6.46	0.00
Aroclor-1260-2	(2)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-3	(3)	6.70	6.70	6.60	6.80	0.00
Aroclor-1260-4	(4)	7.17	7.17	7.07	7.27	0.00
Aroclor-1260-5	(5)	7.41	7.41	7.31	7.51	0.00
Tetrachloro-m-xylene		3.80	3.80	3.70	3.90	0.00
Decachlorobiphenyl		8.81	8.82	8.72	8.92	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q3017

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

Client Sample No.: CCAL04 **Date Analyzed:** 09/05/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074897.D **Time Analyzed:** 12:51

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.812	5.706	5.906	518.950	500.000	3.8
Aroclor-1016-2	5.833	5.727	5.927	533.100	500.000	6.6
Aroclor-1016-3	5.896	5.790	5.990	487.500	500.000	-2.5
Aroclor-1016-4	5.993	5.888	6.088	512.430	500.000	2.5
Aroclor-1016-5	6.286	6.180	6.380	533.180	500.000	6.6
Aroclor-1260-1	7.404	7.297	7.497	493.310	500.000	-1.3
Aroclor-1260-2	7.656	7.550	7.750	489.630	500.000	-2.1
Aroclor-1260-3	8.014	7.908	8.108	521.850	500.000	4.4
Aroclor-1260-4	8.243	8.136	8.336	497.170	500.000	-0.6
Aroclor-1260-5	8.569	8.462	8.662	482.090	500.000	-3.6
Decachlorobiphenyl	10.442	10.333	10.533	56.640	50.000	13.3
Tetrachloro-m-xylene	4.660	4.554	4.754	53.390	50.000	6.8

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q3017

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

Client Sample No.: CCAL04 **Date Analyzed:** 09/05/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074897.D **Time Analyzed:** 12:51

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.899	4.799	4.999	542.700	500.000	8.5
Aroclor-1016-2	4.957	4.855	5.055	551.020	500.000	10.2
Aroclor-1016-3	5.077	4.976	5.176	549.490	500.000	9.9
Aroclor-1016-4	5.118	5.017	5.217	522.750	500.000	4.6
Aroclor-1016-5	5.333	5.231	5.431	485.330	500.000	-2.9
Aroclor-1260-1	6.362	6.261	6.461	514.650	500.000	2.9
Aroclor-1260-2	6.548	6.448	6.648	494.340	500.000	-1.1
Aroclor-1260-3	6.702	6.602	6.802	455.980	500.000	-8.8
Aroclor-1260-4	7.172	7.072	7.272	485.530	500.000	-2.9
Aroclor-1260-5	7.411	7.311	7.511	471.710	500.000	-5.7
Decachlorobiphenyl	8.813	8.715	8.915	55.610	50.000	11.2
Tetrachloro-m-xylene	3.800	3.699	3.899	59.960	50.000	19.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074897.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 12:51
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:36:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.660	3.800	65333056	290.0E6	53.390	59.965m
2)	SA Decachlor...	10.442	8.813	55933551	417.1E6	56.641	55.613
	Target Compounds						
3)	L1 AR-1016-1	5.812	4.899	22879829	276.4E6	518.948	542.696
4)	L1 AR-1016-2	5.833	4.957	33501123	131.2E6	533.104	551.017
5)	L1 AR-1016-3	5.896	5.077	21895708	75776806	487.504	549.491
6)	L1 AR-1016-4	5.993	5.118	18028378	73082369	512.435	522.752
7)	L1 AR-1016-5	6.286	5.333	17693996	80605493	533.175	485.332
31)	L7 AR-1260-1	7.404	6.362	28517929	193.1E6	493.309	514.655
32)	L7 AR-1260-2	7.656	6.548	33744063	261.4E6	489.630	494.340
33)	L7 AR-1260-3	8.014	6.702	27076327	197.4E6	521.850	455.982
34)	L7 AR-1260-4	8.243	7.172	31715809	185.2E6	497.169	485.533
35)	L7 AR-1260-5	8.569	7.411	54674681	473.8E6	482.088	471.715

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074897.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 12:51
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

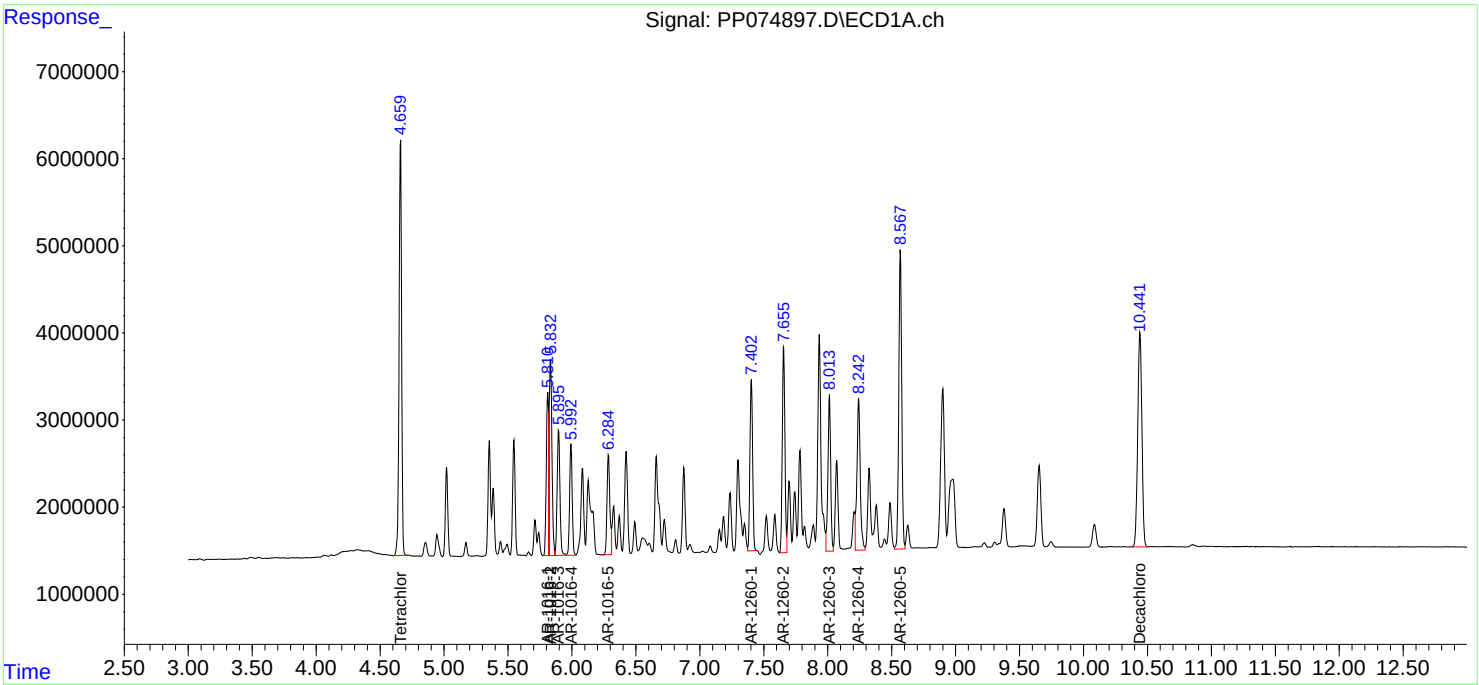
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

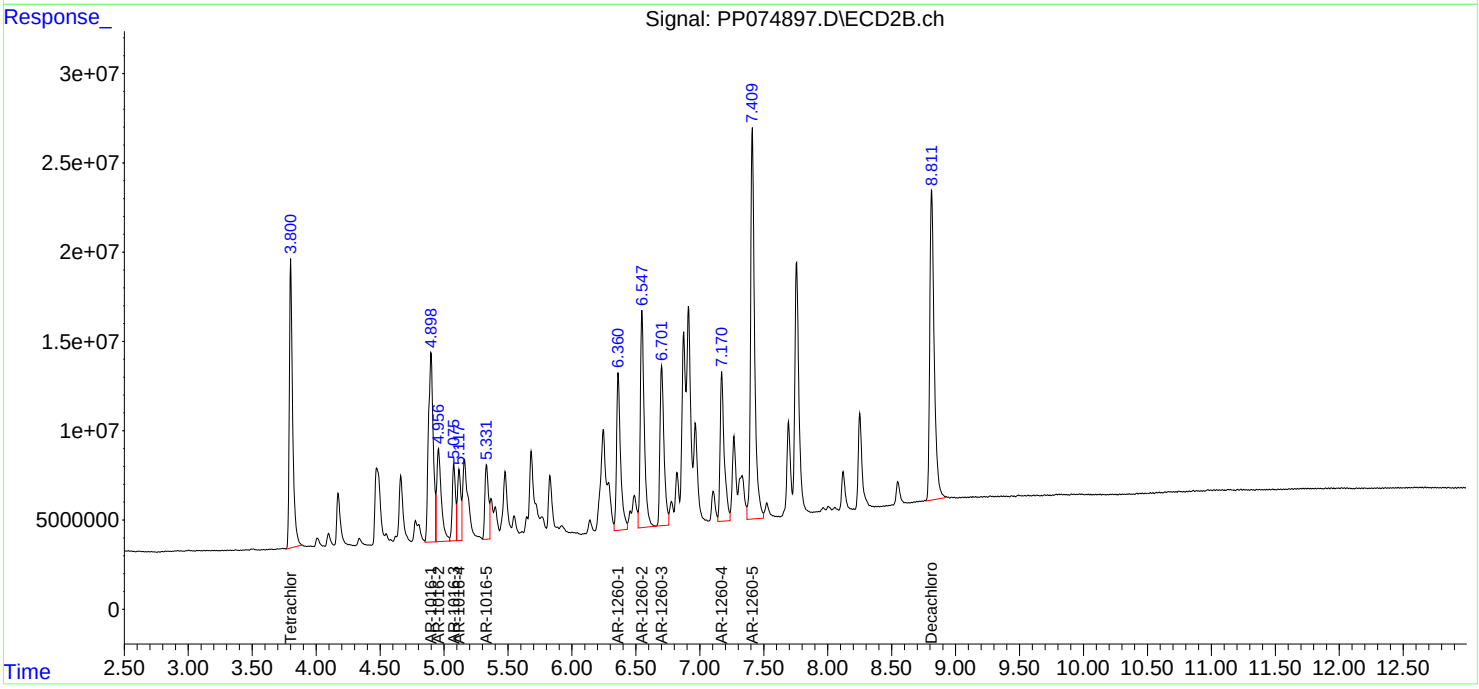
Manual Integrations APPROVED

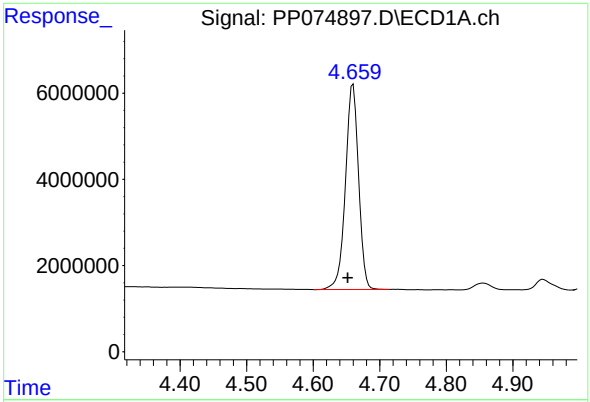
Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:36:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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







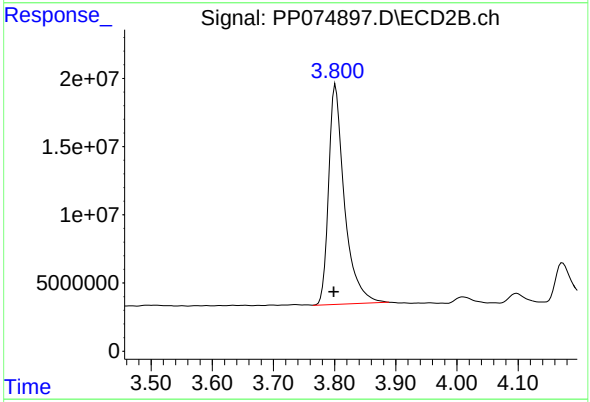
#1 Tetrachloro-m-xylene

R.T.: 4.660 min
Delta R.T.: 0.008 min
Response: 65333056
Conc: 53.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

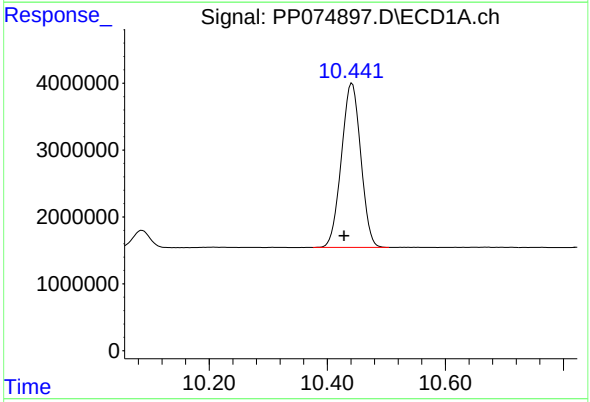
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025



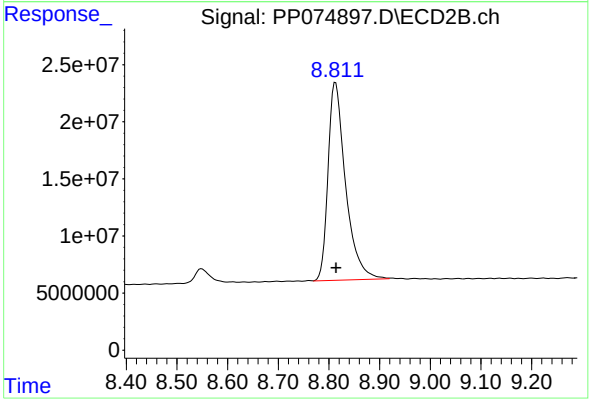
#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: 0.001 min
Response: 289953860
Conc: 59.96 ng/ml m



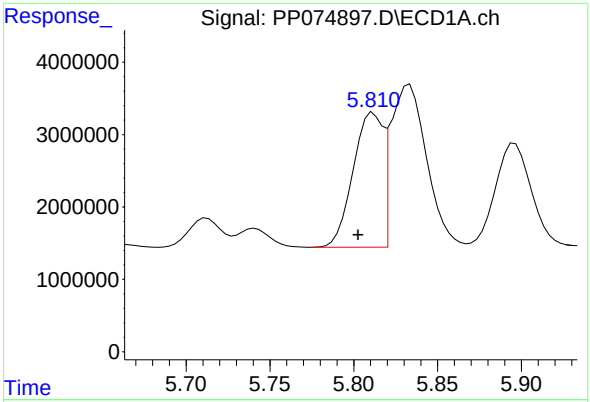
#2 Decachlorobiphenyl

R.T.: 10.442 min
Delta R.T.: 0.014 min
Response: 55933551
Conc: 56.64 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.813 min
Delta R.T.: 0.000 min
Response: 417053951
Conc: 55.61 ng/ml



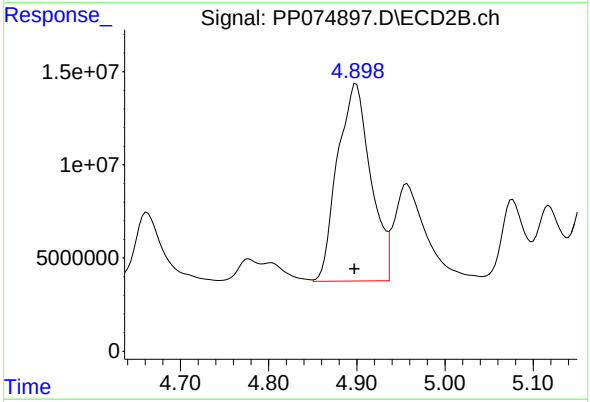
#3 AR-1016-1

R.T.: 5.812 min
Delta R.T.: 0.009 min
Response: 22879829
Conc: 518.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

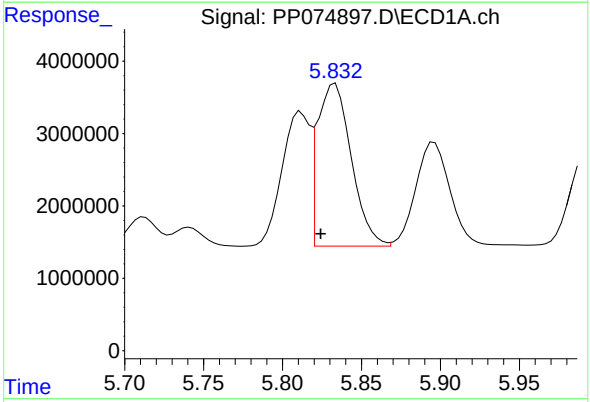
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025



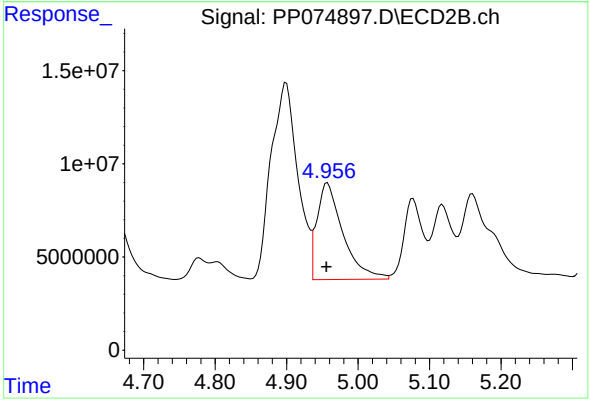
#3 AR-1016-1

R.T.: 4.899 min
Delta R.T.: 0.002 min
Response: 276424229
Conc: 542.70 ng/ml



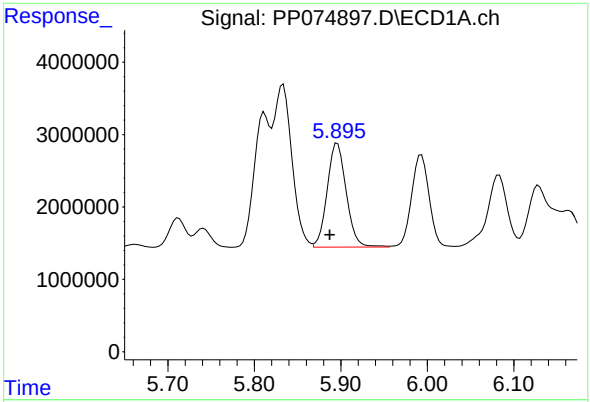
#4 AR-1016-2

R.T.: 5.833 min
Delta R.T.: 0.009 min
Response: 33501123
Conc: 533.10 ng/ml



#4 AR-1016-2

R.T.: 4.957 min
Delta R.T.: 0.001 min
Response: 131150440
Conc: 551.02 ng/ml



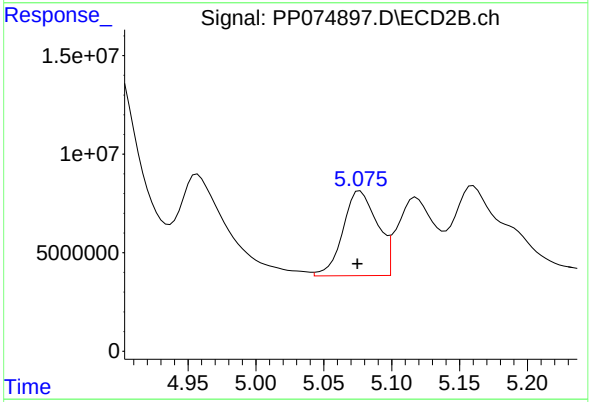
#5 AR-1016-3

R.T.: 5.896 min
Delta R.T.: 0.009 min
Response: 21895708
Conc: 487.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

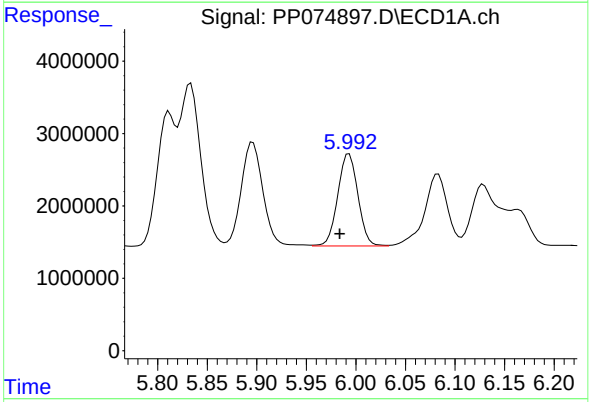
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025



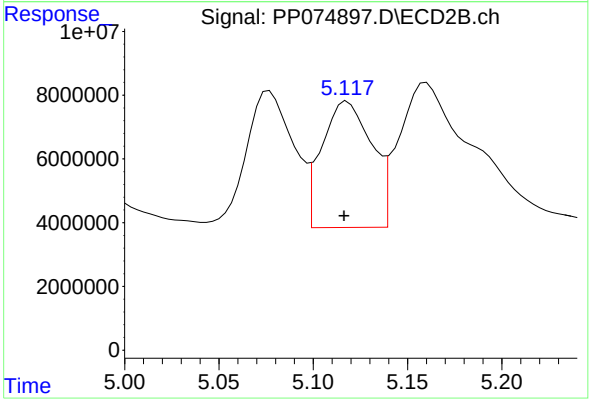
#5 AR-1016-3

R.T.: 5.077 min
Delta R.T.: 0.002 min
Response: 75776806
Conc: 549.49 ng/ml



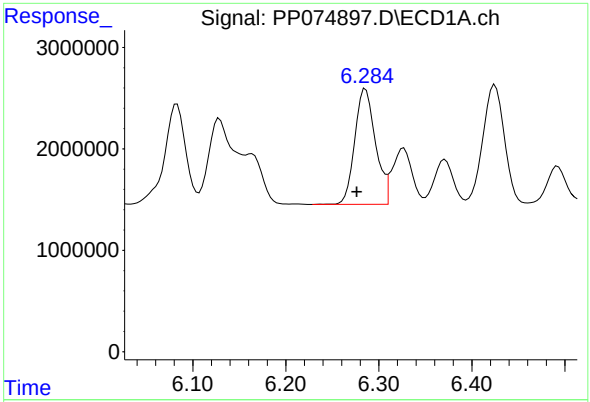
#6 AR-1016-4

R.T.: 5.993 min
Delta R.T.: 0.010 min
Response: 18028378
Conc: 512.43 ng/ml



#6 AR-1016-4

R.T.: 5.118 min
Delta R.T.: 0.002 min
Response: 73082369
Conc: 522.75 ng/ml



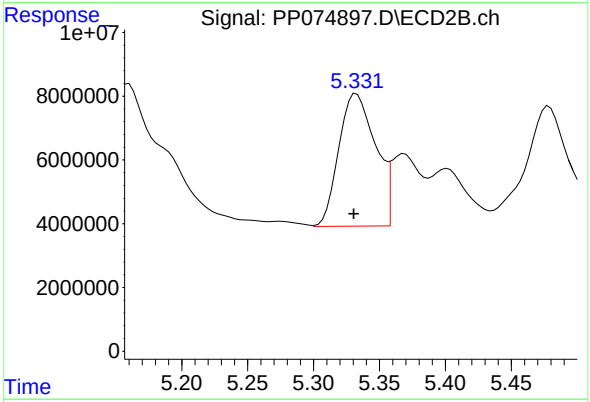
#7 AR-1016-5

R.T.: 6.286 min
Delta R.T.: 0.009 min
Response: 17693996
Conc: 533.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

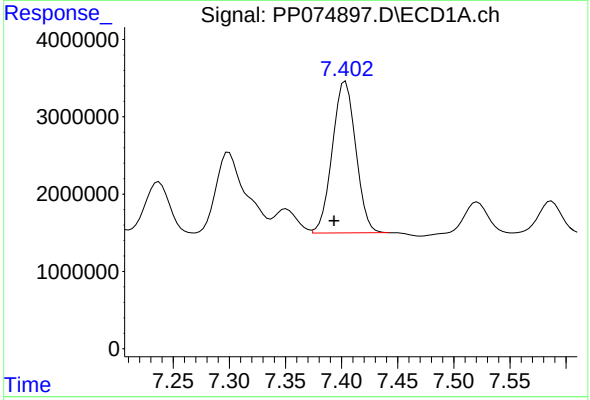
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025



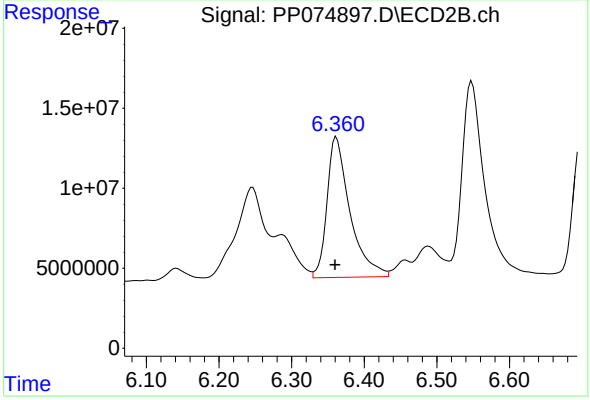
#7 AR-1016-5

R.T.: 5.333 min
Delta R.T.: 0.002 min
Response: 80605493
Conc: 485.33 ng/ml



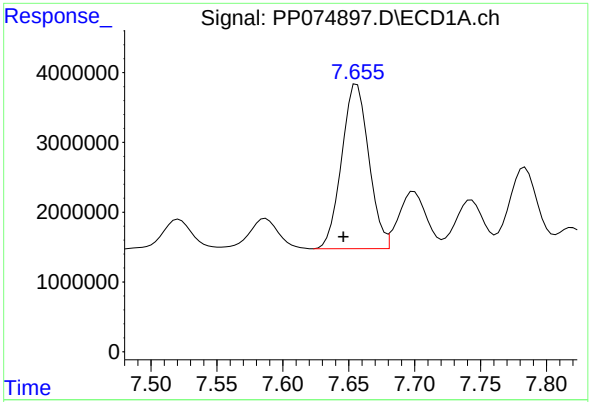
#31 AR-1260-1

R.T.: 7.404 min
Delta R.T.: 0.010 min
Response: 28517929
Conc: 493.31 ng/ml



#31 AR-1260-1

R.T.: 6.362 min
Delta R.T.: 0.002 min
Response: 193110389
Conc: 514.65 ng/ml



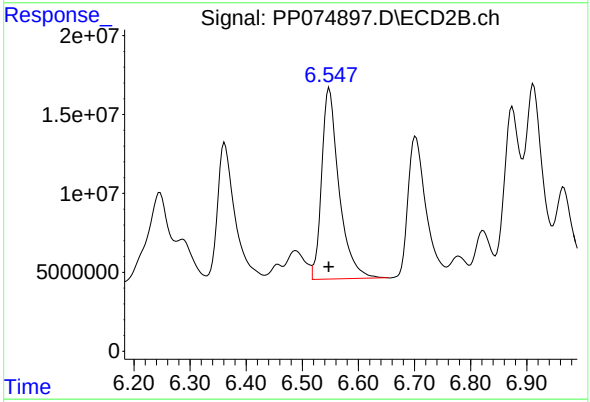
#32 AR-1260-2

R.T.: 7.656 min
Delta R.T.: 0.010 min
Response: 33744063
Conc: 489.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

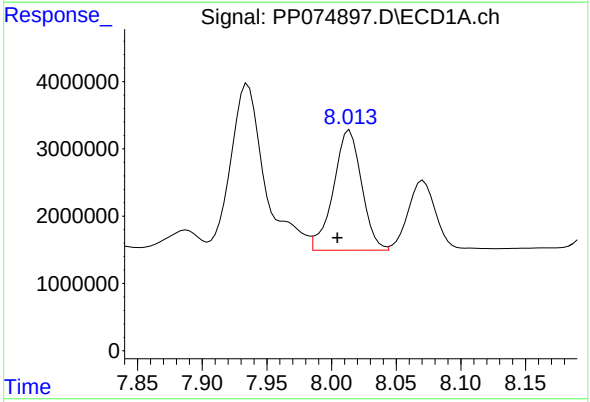
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025



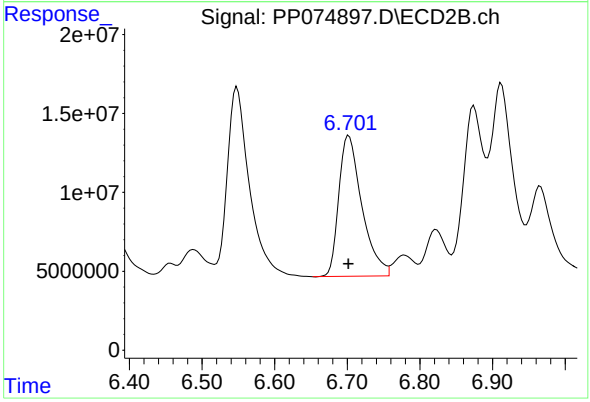
#32 AR-1260-2

R.T.: 6.548 min
Delta R.T.: 0.001 min
Response: 261414250
Conc: 494.34 ng/ml



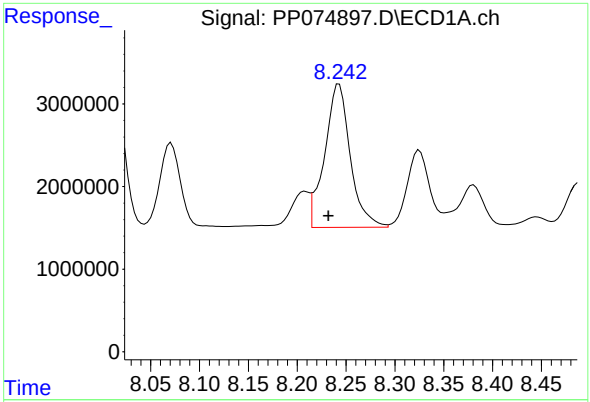
#33 AR-1260-3

R.T.: 8.014 min
Delta R.T.: 0.010 min
Response: 27076327
Conc: 521.85 ng/ml



#33 AR-1260-3

R.T.: 6.702 min
Delta R.T.: 0.000 min
Response: 197440582
Conc: 455.98 ng/ml



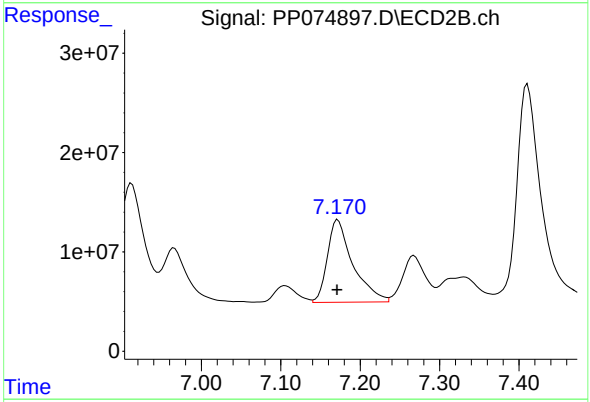
#34 AR-1260-4

R.T.: 8.243 min
Delta R.T.: 0.011 min
Response: 31715809
Conc: 497.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

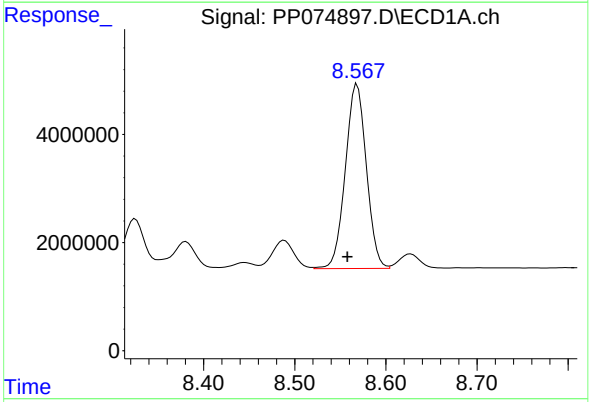
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025



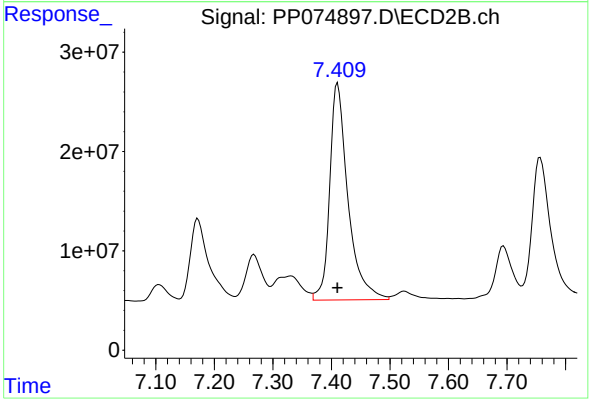
#34 AR-1260-4

R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 185218075
Conc: 485.53 ng/ml



#35 AR-1260-5

R.T.: 8.569 min
Delta R.T.: 0.011 min
Response: 54674681
Conc: 482.09 ng/ml



#35 AR-1260-5

R.T.: 7.411 min
Delta R.T.: 0.000 min
Response: 473828410
Conc: 471.71 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.:** Q3017

Project: NWIRP Bethpage 112G08005-WE13 **Instrument ID:** ECD_O

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 08/18/2025 08/18/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	08/18/2025	09:34	PO113002.D	8.68	3.66
AR1660ICC1000	AR1660ICC1000	08/18/2025	09:53	PO113003.D	8.68	3.66
AR1660ICC750	AR1660ICC750	08/18/2025	10:11	PO113004.D	8.68	3.66
AR1660ICC500	AR1660ICC500	08/18/2025	10:29	PO113005.D	8.68	3.66
AR1660ICC250	AR1660ICC250	08/18/2025	10:48	PO113006.D	8.68	3.66
AR1660ICC050	AR1660ICC050	08/18/2025	11:06	PO113007.D	8.68	3.66
AR1221ICC500	AR1221ICC500	08/18/2025	11:25	PO113008.D	8.68	3.66
AR1232ICC500	AR1232ICC500	08/18/2025	11:43	PO113009.D	8.68	3.66
AR1242ICC1000	AR1242ICC1000	08/18/2025	12:01	PO113010.D	8.68	3.66
AR1242ICC750	AR1242ICC750	08/18/2025	12:20	PO113011.D	8.68	3.66
AR1242ICC500	AR1242ICC500	08/18/2025	12:38	PO113012.D	8.68	3.66
AR1242ICC250	AR1242ICC250	08/18/2025	12:57	PO113013.D	8.68	3.66
AR1242ICC050	AR1242ICC050	08/18/2025	13:15	PO113014.D	8.68	3.66
AR1248ICC1000	AR1248ICC1000	08/18/2025	13:34	PO113015.D	8.68	3.66
AR1248ICC750	AR1248ICC750	08/18/2025	13:52	PO113016.D	8.68	3.66
AR1248ICC500	AR1248ICC500	08/18/2025	14:09	PO113017.D	8.68	3.66
AR1248ICC250	AR1248ICC250	08/18/2025	14:28	PO113018.D	8.68	3.66
AR1248ICC050	AR1248ICC050	08/18/2025	14:46	PO113019.D	8.68	3.66
AR1254ICC1000	AR1254ICC1000	08/18/2025	15:05	PO113020.D	8.68	3.66
AR1254ICC750	AR1254ICC750	08/18/2025	15:23	PO113021.D	8.68	3.66
AR1254ICC500	AR1254ICC500	08/18/2025	15:41	PO113022.D	8.68	3.66
AR1254ICC250	AR1254ICC250	08/18/2025	16:00	PO113023.D	8.68	3.66
AR1254ICC050	AR1254ICC050	08/18/2025	16:18	PO113024.D	8.68	3.66
AR1262ICC500	AR1262ICC500	08/18/2025	16:54	PO113025.D	8.68	3.66
AR1268ICC1000	AR1268ICC1000	08/18/2025	17:12	PO113026.D	8.68	3.66
AR1268ICC750	AR1268ICC750	08/18/2025	17:30	PO113027.D	8.68	3.66
AR1268ICC500	AR1268ICC500	08/18/2025	17:48	PO113028.D	8.68	3.66
AR1268ICC250	AR1268ICC250	08/18/2025	18:06	PO113029.D	8.68	3.66
AR1268ICC050	AR1268ICC050	08/18/2025	18:24	PO113030.D	8.68	3.66
AR1660CCC500	AR1660CCC500	09/04/2025	18:49	PO113478.D	8.67	3.66
I.BLK	I.BLK	09/04/2025	20:39	PO113482.D	8.68	3.66
PB169547BL	PB169547BL	09/04/2025	20:56	PO113483.D	8.67	3.66
PB169547BS	PB169547BS	09/04/2025	21:15	PO113484.D	8.68	3.66
PB169547BSD	PB169547BSD	09/04/2025	21:33	PO113485.D	8.68	3.66
AR1660CCC500	AR1660CCC500	09/04/2025	23:23	PO113488.D	8.68	3.66
I.BLK	I.BLK	09/05/2025	01:12	PO113492.D	8.68	3.66
I.BLK	I.BLK	08/19/2025	09:46	PP074490.D	10.43	4.65
AR1660ICC1000	AR1660ICC1000	08/19/2025	10:02	PP074491.D	10.43	4.65
AR1660ICC750	AR1660ICC750	08/19/2025	10:18	PP074492.D	10.44	4.66
AR1660ICC500	AR1660ICC500	08/19/2025	10:34	PP074493.D	10.43	4.65
AR1660ICC250	AR1660ICC250	08/19/2025	10:51	PP074494.D	10.43	4.66
AR1660ICC050	AR1660ICC050	08/19/2025	11:07	PP074495.D	10.44	4.66

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Analytical Sequence

AR1221ICC500	AR1221ICC500	08/19/2025	11:23	PP074496.D	10.43	4.65
AR1232ICC500	AR1232ICC500	08/19/2025	11:39	PP074497.D	10.43	4.66
AR1242ICC1000	AR1242ICC1000	08/19/2025	11:55	PP074498.D	10.43	4.66
AR1242ICC750	AR1242ICC750	08/19/2025	12:12	PP074499.D	10.44	4.66
AR1242ICC500	AR1242ICC500	08/19/2025	12:28	PP074500.D	10.43	4.66
AR1242ICC250	AR1242ICC250	08/19/2025	12:44	PP074501.D	10.44	4.66
AR1242ICC050	AR1242ICC050	08/19/2025	13:00	PP074502.D	10.44	4.66
AR1248ICC1000	AR1248ICC1000	08/19/2025	13:16	PP074503.D	10.44	4.66
AR1248ICC750	AR1248ICC750	08/19/2025	13:33	PP074504.D	10.44	4.66
AR1248ICC500	AR1248ICC500	08/19/2025	13:49	PP074505.D	10.44	4.66
AR1248ICC250	AR1248ICC250	08/19/2025	14:05	PP074506.D	10.44	4.66
AR1248ICC050	AR1248ICC050	08/19/2025	14:21	PP074507.D	10.44	4.66
AR1254ICC1000	AR1254ICC1000	08/19/2025	14:37	PP074508.D	10.44	4.66
AR1254ICC750	AR1254ICC750	08/19/2025	14:53	PP074509.D	10.44	4.66
AR1254ICC500	AR1254ICC500	08/19/2025	15:10	PP074510.D	10.44	4.66
AR1254ICC250	AR1254ICC250	08/19/2025	15:42	PP074511.D	10.44	4.66
AR1254ICC050	AR1254ICC050	08/19/2025	15:58	PP074512.D	10.44	4.66
AR1262ICC500	AR1262ICC500	08/19/2025	16:14	PP074513.D	10.44	4.66
AR1268ICC1000	AR1268ICC1000	08/19/2025	16:31	PP074514.D	10.43	4.66
AR1268ICC750	AR1268ICC750	08/19/2025	16:47	PP074515.D	10.44	4.66
AR1268ICC500	AR1268ICC500	08/19/2025	17:03	PP074516.D	10.43	4.66
AR1268ICC250	AR1268ICC250	08/19/2025	17:19	PP074517.D	10.44	4.66
AR1268ICC050	AR1268ICC050	08/19/2025	17:36	PP074518.D	10.43	4.66
AR1660CCC500	AR1660CCC500	09/05/2025	08:40	PP074886.D	10.43	4.65
I.BLK	I.BLK	09/05/2025	09:09	PP074887.D	10.45	4.66
TT-076-IDWGW-20250903	Q3017-02	09/05/2025	11:30	PP074893.D	10.43	4.66
TT-077-IDWGW-20250903	Q3017-03	09/05/2025	11:46	PP074894.D	10.44	4.66
TT-078-IDWGW-20250903	Q3017-04	09/05/2025	12:02	PP074895.D	10.44	4.66
TT-079-IDWGW-20250903	Q3017-05	09/05/2025	12:19	PP074896.D	10.44	4.66
AR1660CCC500	AR1660CCC500	09/05/2025	12:51	PP074897.D	10.44	4.66
I.BLK	I.BLK	09/05/2025	13:07	PP074898.D	10.44	4.66

Alliance TECHNICAL GROUP
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Analytical Sequence

Client: Tetra Tech NUS, Inc. **SDG No.:** Q3017

Project: NWIRP Bethpage 112G08005-WE13 **Instrument ID:** ECD_O

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 08/18/2025 08/18/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	08/18/2025	09:34	PO113002.D	8.63	3.66
AR1660ICC1000	AR1660ICC1000	08/18/2025	09:53	PO113003.D	8.63	3.66
AR1660ICC750	AR1660ICC750	08/18/2025	10:11	PO113004.D	8.63	3.66
AR1660ICC500	AR1660ICC500	08/18/2025	10:29	PO113005.D	8.63	3.66
AR1660ICC250	AR1660ICC250	08/18/2025	10:48	PO113006.D	8.63	3.66
AR1660ICC050	AR1660ICC050	08/18/2025	11:06	PO113007.D	8.63	3.65
AR1221ICC500	AR1221ICC500	08/18/2025	11:25	PO113008.D	8.63	3.66
AR1232ICC500	AR1232ICC500	08/18/2025	11:43	PO113009.D	8.63	3.66
AR1242ICC1000	AR1242ICC1000	08/18/2025	12:01	PO113010.D	8.63	3.66
AR1242ICC750	AR1242ICC750	08/18/2025	12:20	PO113011.D	8.63	3.66
AR1242ICC500	AR1242ICC500	08/18/2025	12:38	PO113012.D	8.63	3.66
AR1242ICC250	AR1242ICC250	08/18/2025	12:57	PO113013.D	8.63	3.66
AR1242ICC050	AR1242ICC050	08/18/2025	13:15	PO113014.D	8.63	3.66
AR1248ICC1000	AR1248ICC1000	08/18/2025	13:34	PO113015.D	8.63	3.66
AR1248ICC750	AR1248ICC750	08/18/2025	13:52	PO113016.D	8.63	3.66
AR1248ICC500	AR1248ICC500	08/18/2025	14:09	PO113017.D	8.63	3.66
AR1248ICC250	AR1248ICC250	08/18/2025	14:28	PO113018.D	8.63	3.66
AR1248ICC050	AR1248ICC050	08/18/2025	14:46	PO113019.D	8.63	3.66
AR1254ICC1000	AR1254ICC1000	08/18/2025	15:05	PO113020.D	8.63	3.66
AR1254ICC750	AR1254ICC750	08/18/2025	15:23	PO113021.D	8.63	3.66
AR1254ICC500	AR1254ICC500	08/18/2025	15:41	PO113022.D	8.63	3.66
AR1254ICC250	AR1254ICC250	08/18/2025	16:00	PO113023.D	8.63	3.66
AR1254ICC050	AR1254ICC050	08/18/2025	16:18	PO113024.D	8.63	3.66
AR1262ICC500	AR1262ICC500	08/18/2025	16:54	PO113025.D	8.63	3.66
AR1268ICC1000	AR1268ICC1000	08/18/2025	17:12	PO113026.D	8.63	3.66
AR1268ICC750	AR1268ICC750	08/18/2025	17:30	PO113027.D	8.63	3.66
AR1268ICC500	AR1268ICC500	08/18/2025	17:48	PO113028.D	8.63	3.66
AR1268ICC250	AR1268ICC250	08/18/2025	18:06	PO113029.D	8.63	3.66
AR1268ICC050	AR1268ICC050	08/18/2025	18:24	PO113030.D	8.63	3.66
AR1660CCC500	AR1660CCC500	09/04/2025	18:49	PO113478.D	8.62	3.65
I.BLK	I.BLK	09/04/2025	20:39	PO113482.D	8.62	3.65
PB169547BL	PB169547BL	09/04/2025	20:56	PO113483.D	8.62	3.65
PB169547BS	PB169547BS	09/04/2025	21:15	PO113484.D	8.62	3.65
PB169547BSD	PB169547BSD	09/04/2025	21:33	PO113485.D	8.62	3.65
AR1660CCC500	AR1660CCC500	09/04/2025	23:23	PO113488.D	8.62	3.65
I.BLK	I.BLK	09/05/2025	01:12	PO113492.D	8.62	3.65
I.BLK	I.BLK	08/19/2025	09:46	PP074490.D	8.81	3.80
AR1660ICC1000	AR1660ICC1000	08/19/2025	10:02	PP074491.D	8.81	3.80
AR1660ICC750	AR1660ICC750	08/19/2025	10:18	PP074492.D	8.82	3.80
AR1660ICC500	AR1660ICC500	08/19/2025	10:34	PP074493.D	8.82	3.80
AR1660ICC250	AR1660ICC250	08/19/2025	10:51	PP074494.D	8.81	3.80
AR1660ICC050	AR1660ICC050	08/19/2025	11:07	PP074495.D	8.82	3.80

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Analytical Sequence

AR1221ICC500	AR1221ICC500	08/19/2025	11:23	PP074496.D	8.82	3.80
AR1232ICC500	AR1232ICC500	08/19/2025	11:39	PP074497.D	8.82	3.80
AR1242ICC1000	AR1242ICC1000	08/19/2025	11:55	PP074498.D	8.82	3.80
AR1242ICC750	AR1242ICC750	08/19/2025	12:12	PP074499.D	8.82	3.80
AR1242ICC500	AR1242ICC500	08/19/2025	12:28	PP074500.D	8.81	3.80
AR1242ICC250	AR1242ICC250	08/19/2025	12:44	PP074501.D	8.82	3.80
AR1242ICC050	AR1242ICC050	08/19/2025	13:00	PP074502.D	8.82	3.80
AR1248ICC1000	AR1248ICC1000	08/19/2025	13:16	PP074503.D	8.82	3.80
AR1248ICC750	AR1248ICC750	08/19/2025	13:33	PP074504.D	8.82	3.80
AR1248ICC500	AR1248ICC500	08/19/2025	13:49	PP074505.D	8.82	3.80
AR1248ICC250	AR1248ICC250	08/19/2025	14:05	PP074506.D	8.82	3.80
AR1248ICC050	AR1248ICC050	08/19/2025	14:21	PP074507.D	8.82	3.80
AR1254ICC1000	AR1254ICC1000	08/19/2025	14:37	PP074508.D	8.82	3.80
AR1254ICC750	AR1254ICC750	08/19/2025	14:53	PP074509.D	8.82	3.80
AR1254ICC500	AR1254ICC500	08/19/2025	15:10	PP074510.D	8.82	3.80
AR1254ICC250	AR1254ICC250	08/19/2025	15:42	PP074511.D	8.82	3.80
AR1254ICC050	AR1254ICC050	08/19/2025	15:58	PP074512.D	8.81	3.80
AR1262ICC500	AR1262ICC500	08/19/2025	16:14	PP074513.D	8.82	3.80
AR1268ICC1000	AR1268ICC1000	08/19/2025	16:31	PP074514.D	8.81	3.80
AR1268ICC750	AR1268ICC750	08/19/2025	16:47	PP074515.D	8.82	3.80
AR1268ICC500	AR1268ICC500	08/19/2025	17:03	PP074516.D	8.81	3.80
AR1268ICC250	AR1268ICC250	08/19/2025	17:19	PP074517.D	8.82	3.80
AR1268ICC050	AR1268ICC050	08/19/2025	17:36	PP074518.D	8.81	3.80
AR1660CCC500	AR1660CCC500	09/05/2025	08:40	PP074886.D	8.81	3.79
I.BLK	I.BLK	09/05/2025	09:09	PP074887.D	8.81	3.80
TT-076-IDWGW-20250903	Q3017-02	09/05/2025	11:30	PP074893.D	8.81	3.79
TT-077-IDWGW-20250903	Q3017-03	09/05/2025	11:46	PP074894.D	8.81	3.80
TT-078-IDWGW-20250903	Q3017-04	09/05/2025	12:02	PP074895.D	8.81	3.80
TT-079-IDWGW-20250903	Q3017-05	09/05/2025	12:19	PP074896.D	8.81	3.80
AR1660CCC500	AR1660CCC500	09/05/2025	12:51	PP074897.D	8.81	3.80
I.BLK	I.BLK	09/05/2025	13:07	PP074898.D	8.81	3.80

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Fax : 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB169547BS

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q3017

Lab Sample ID: PB169547BS Date(s) Analyzed: 09/04/2025 09/04/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO113484.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.744	4.694	4.794	4.71		
	2	4.762	4.712	4.812	4.97		
	3	4.819	4.769	4.869	4.91		
COLUMN 1	4	4.938	4.888	4.988	4.46		
	5	5.195	5.145	5.245	4.59	4.70	
	1	4.724	4.674	4.774	4.51		
	2	4.742	4.692	4.792	4.56		
	3	4.917	4.867	4.967	4.30		
	4	4.96	4.91	5.01	4.14		
COLUMN 2	5	5.172	5.122	5.222	4.42	4.40	6.59
Aroclor-1260	1	6.231	6.181	6.281	5.03		
	2	6.42	6.37	6.47	4.88		
	3	6.786	6.736	6.836	4.03		
COLUMN 1	4	7.045	6.995	7.095	4.01		
	5	7.289	7.239	7.339	4.31	4.50	
	1	6.198	6.148	6.248	4.33		
	2	6.387	6.337	6.437	4.15		
	3	6.537	6.487	6.587	4.00		
	4	7.007	6.957	7.057	3.51		
COLUMN 2	5	7.249	7.199	7.299	3.44	3.90	14.29

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB169547BSD

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q3017

Lab Sample ID: PB169547BSD Date(s) Analyzed: 09/04/2025 09/04/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO113485.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.744	4.694	4.794	4.77		
	2	4.762	4.712	4.812	4.78		
	3	4.819	4.769	4.869	4.79		
COLUMN 1	4	4.938	4.888	4.988	4.46		
	5	5.195	5.145	5.245	4.52	4.70	
	1	4.724	4.674	4.774	4.41		
	2	4.742	4.692	4.792	4.43		
	3	4.917	4.867	4.967	4.15		
	4	4.959	4.909	5.009	3.99		
COLUMN 2	5	5.171	5.121	5.221	4.29	4.30	8.89
Aroclor-1260	1	6.231	6.181	6.281	4.87		
	2	6.421	6.371	6.471	4.74		
	3	6.786	6.736	6.836	3.94		
COLUMN 1	4	7.045	6.995	7.095	3.93		
	5	7.288	7.238	7.338	4.22	4.30	
	1	6.198	6.148	6.248	4.25		
	2	6.387	6.337	6.437	4.07		
	3	6.537	6.487	6.587	3.91		
	4	7.006	6.956	7.056	3.47		
COLUMN 2	5	7.249	7.199	7.299	3.44	3.80	12.35

QC SAMPLE DATA

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	PB169547BL	SDG No.:	Q3017
Lab Sample ID:	PB169547BL	Matrix:	WATER
Analytical Method:	8082A	% 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
PO113483.D	1	09/04/25 09:33	09/04/25 20:56	PB169547

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	20.4		35 - 137		102%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.6		40 - 135		103%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113483.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 20:56
Operator : YP/AJ
Sample : PB169547BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB169547BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:35:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.658	3.651	167.1E6	98633168	20.407	19.490
2)	SA Decachlor...	8.673	8.620	131.1E6	38941846	18.915	20.551
	Target Compounds						

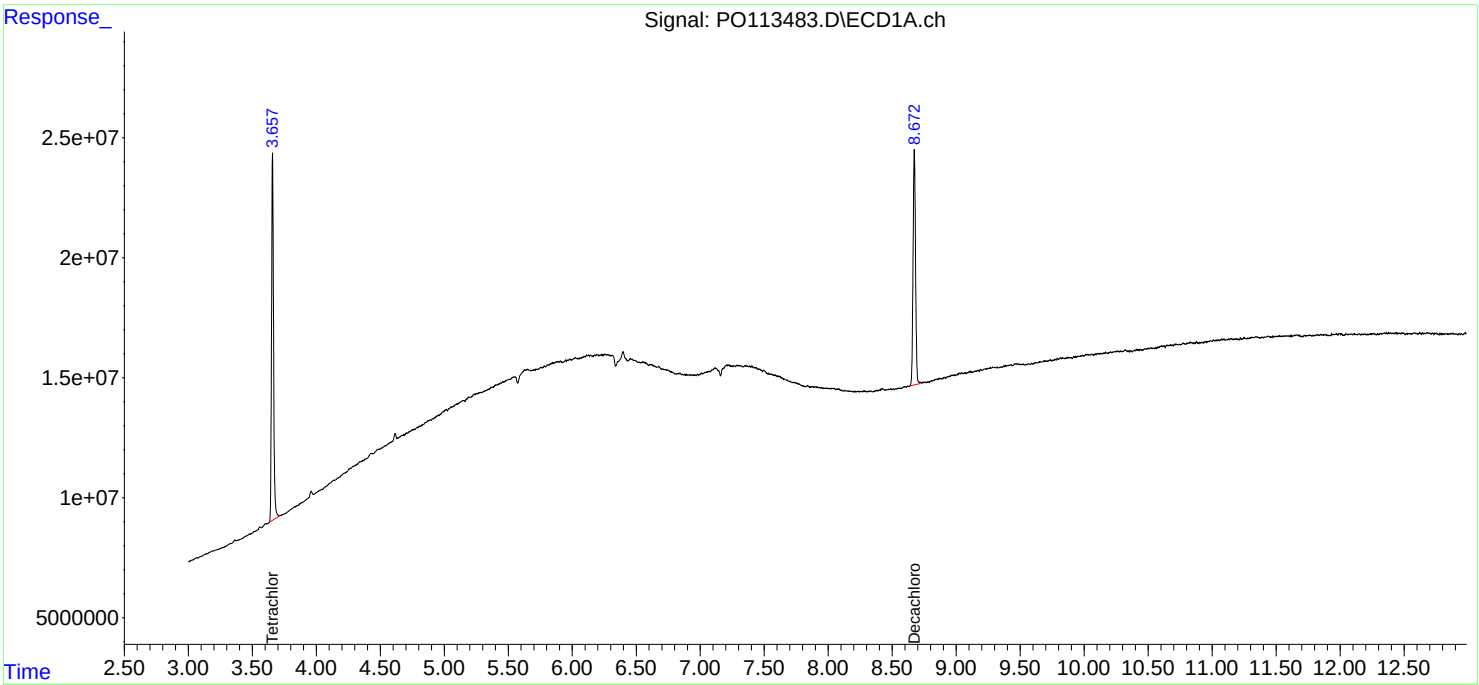
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

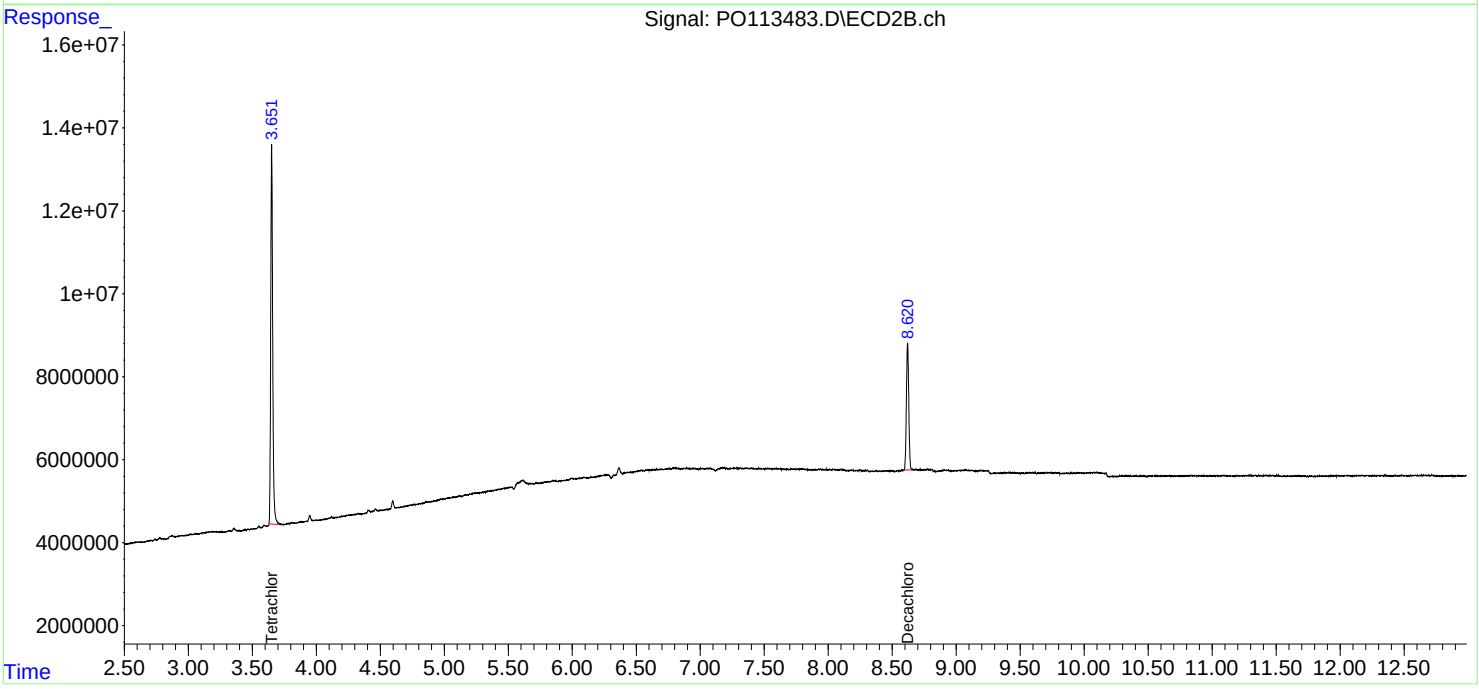
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113483.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 20:56
Operator : YP/AJ
Sample : PB169547BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

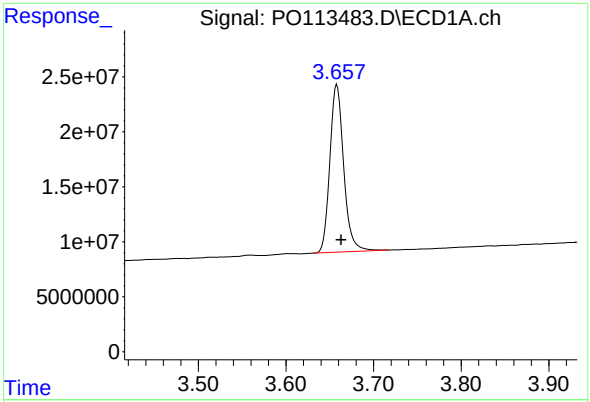
Instrument :
ECD_O
ClientSampleId :
PB169547BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:35:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



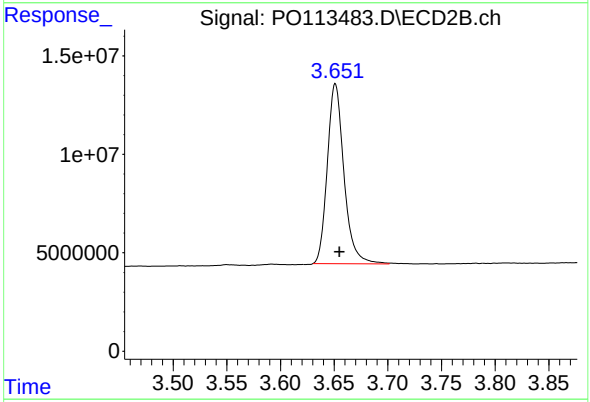




#1 Tetrachloro-m-xylene

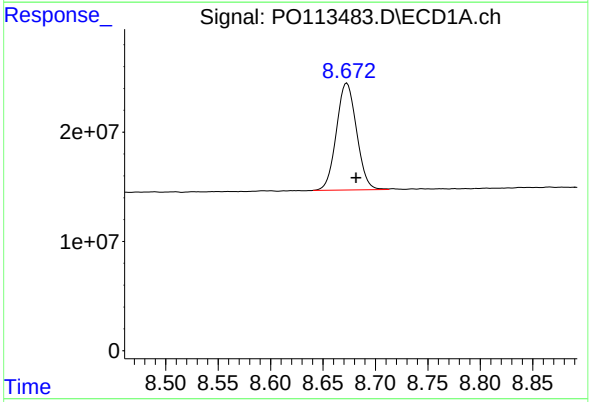
R.T.: 3.658 min
Delta R.T.: -0.005 min
Response: 167064916
Conc: 20.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BL



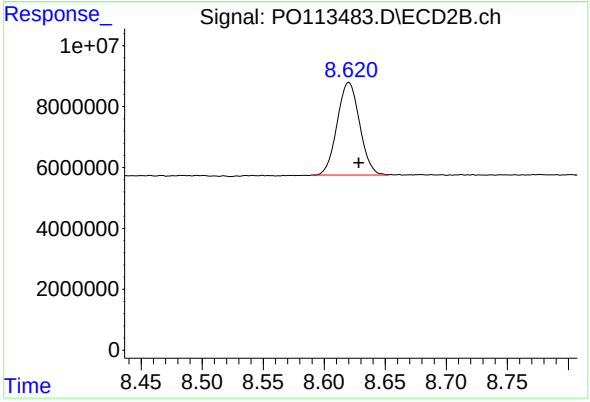
#1 Tetrachloro-m-xylene

R.T.: 3.651 min
Delta R.T.: -0.004 min
Response: 98633168
Conc: 19.49 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.673 min
Delta R.T.: -0.009 min
Response: 131109074
Conc: 18.92 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.620 min
Delta R.T.: -0.008 min
Response: 38941846
Conc: 20.55 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:	08/18/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	08/18/25
Client Sample ID:	PIBLK-PO113002.D	SDG No.:	Q3017
Lab Sample ID:	I.BLK-PO113002.D	Matrix:	WATER
Analytical Method:	8082A	% 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
PO113002.D	1		08/18/25	PO081825

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	16.6		60 - 140		83%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.2		60 - 140		86%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113002.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 09:34
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 06:11:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.663	3.655	136.1E6	85350797	16.620	16.866
2)	SA Decachlor...	8.682	8.627	119.0E6	34312580	17.168	18.108
	Target Compounds						

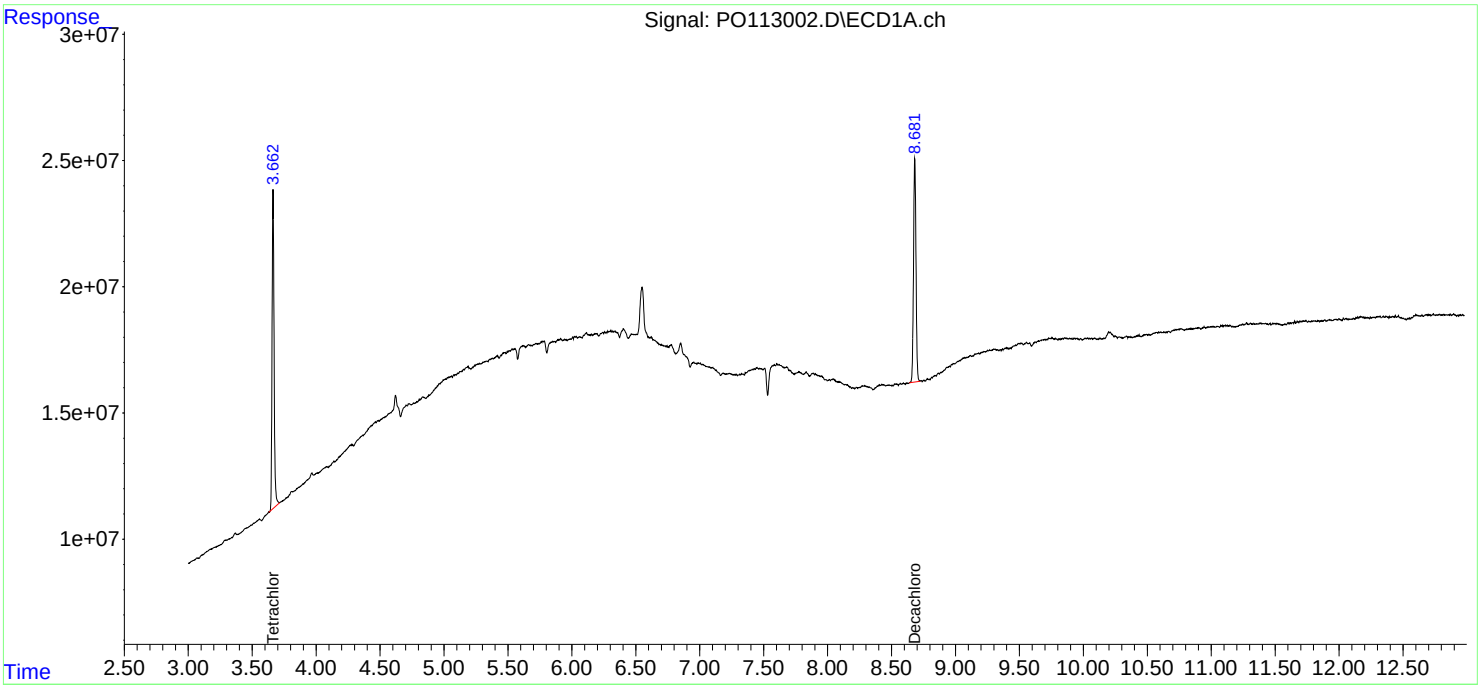
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

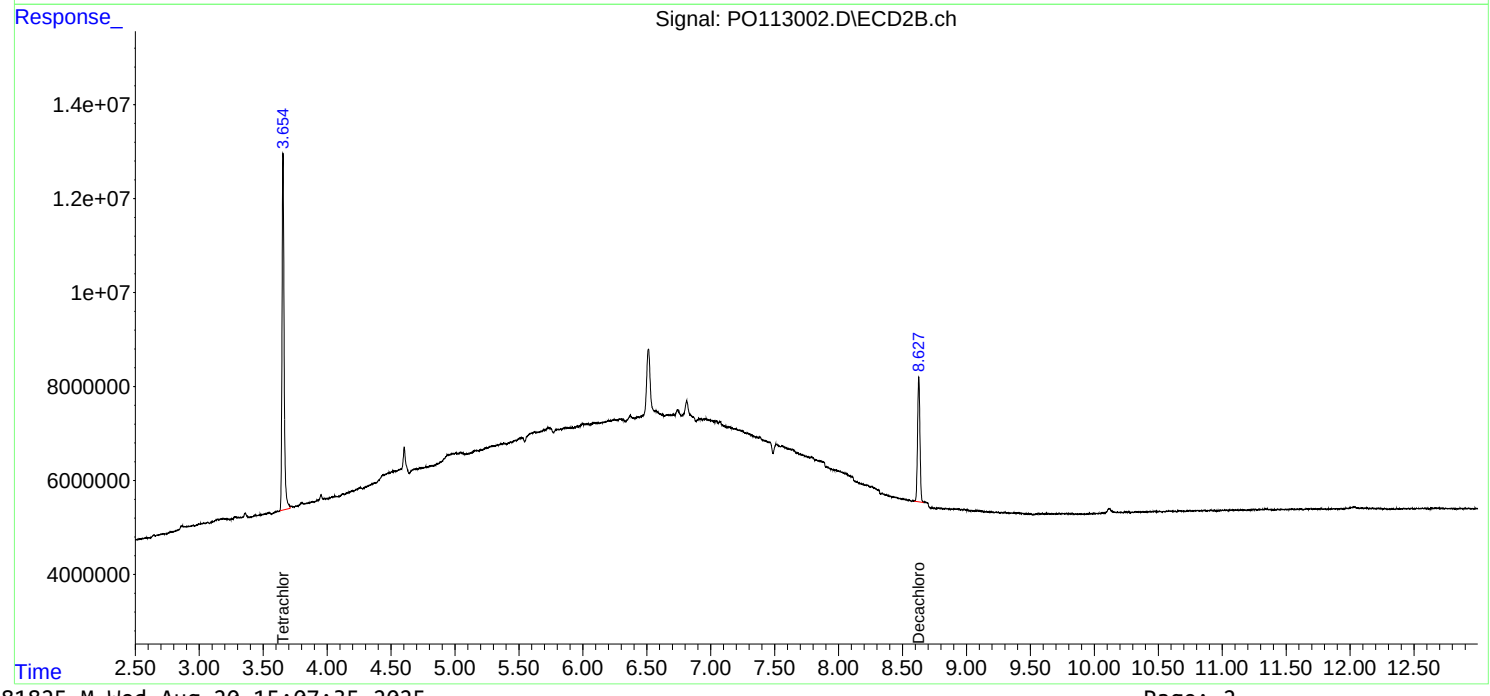
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113002.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 09:34
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

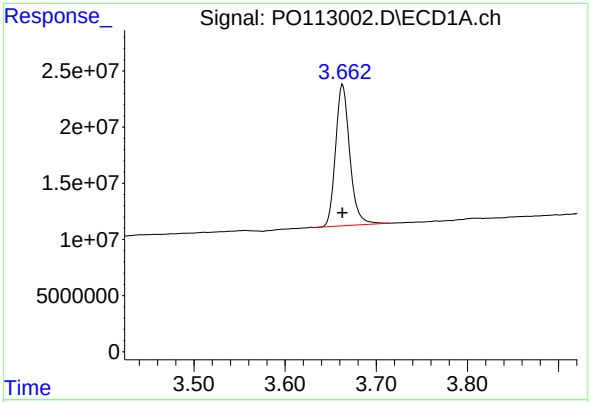
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 06:11:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



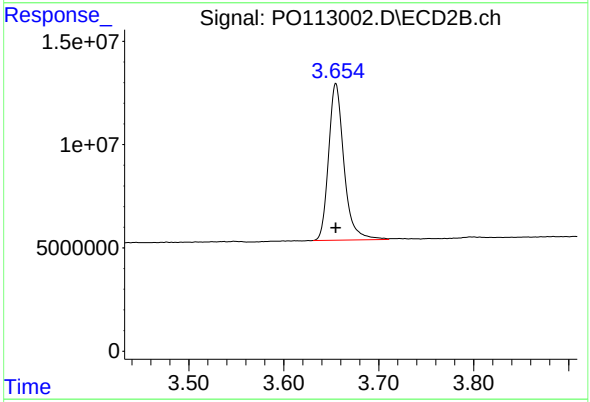




#1 Tetrachloro-m-xylene

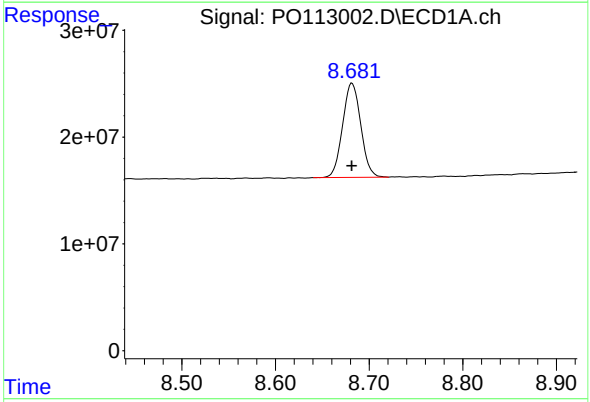
R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 136059721
Conc: 16.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



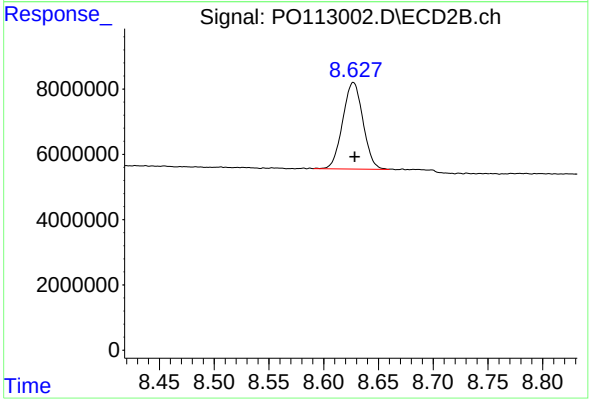
#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 85350797
Conc: 16.87 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 119000321
Conc: 17.17 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.627 min
Delta R.T.: -0.001 min
Response: 34312580
Conc: 18.11 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:	09/04/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/04/25
Client Sample ID:	PIBLK-PO113482.D	SDG No.:	Q3017
Lab Sample ID:	I.BLK-PO113482.D	Matrix:	WATER
Analytical Method:	8082A	% 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
PO113482.D	1		09/04/25	po090425

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	18.2		60 - 140		91%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.8		60 - 140		89%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113482.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 20:39
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:35:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.660	3.651	154.1E6	92026478	18.825	18.185
2) SA	Decachlor...	8.676	8.620	123.2E6	36853338	17.780	19.449
	Target Compounds						

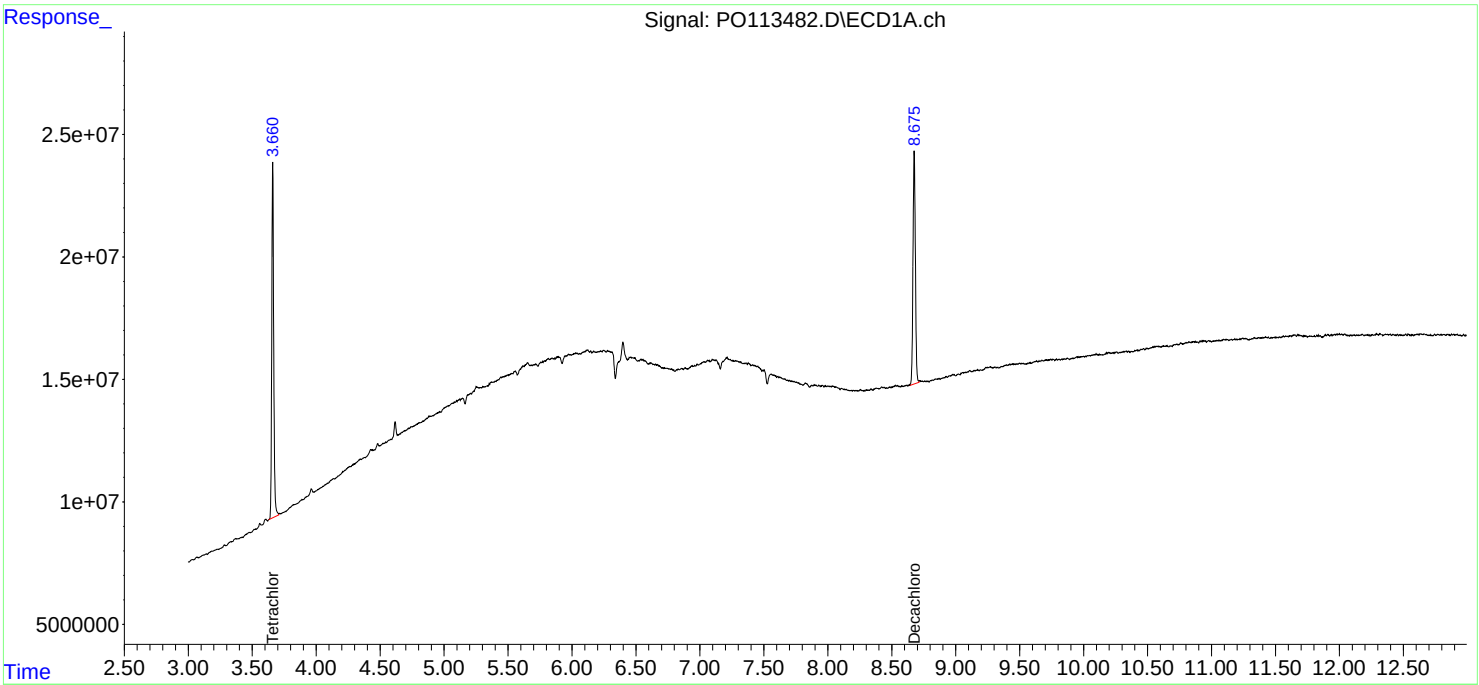
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

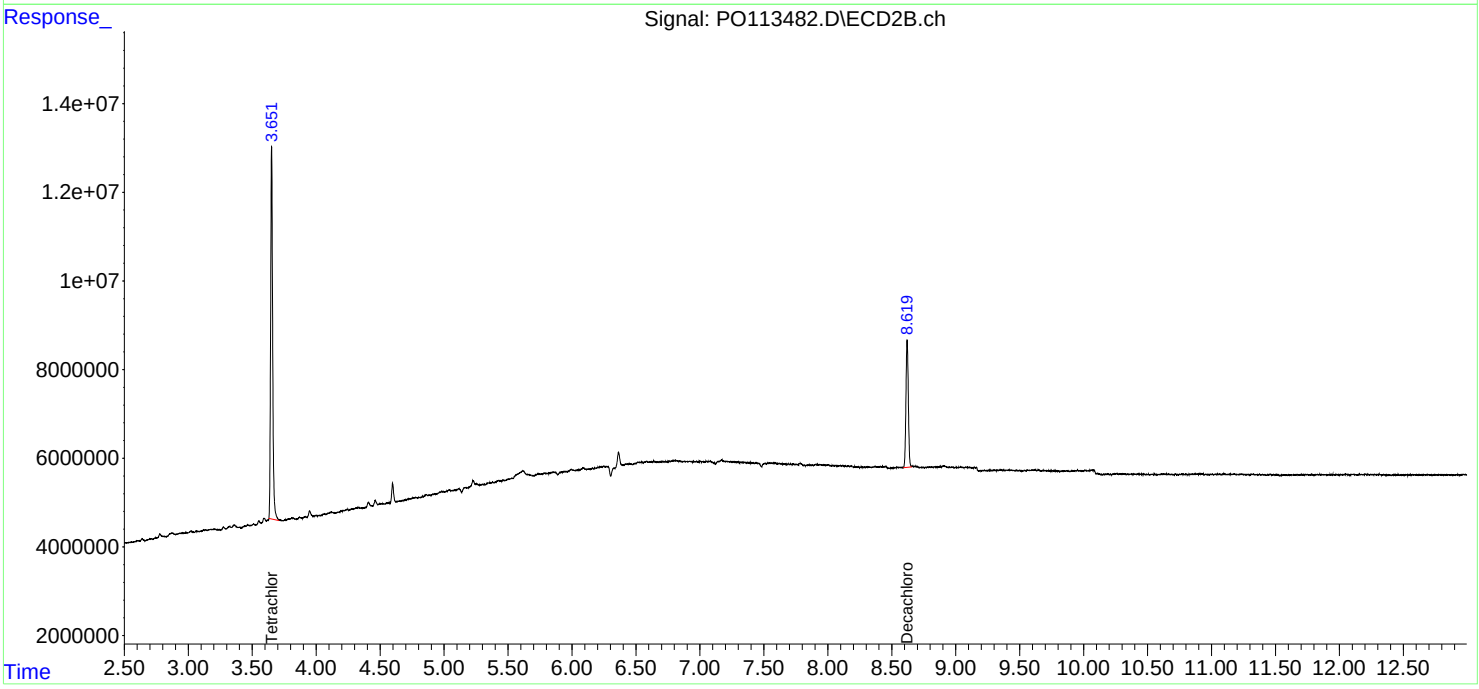
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113482.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 20:39
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

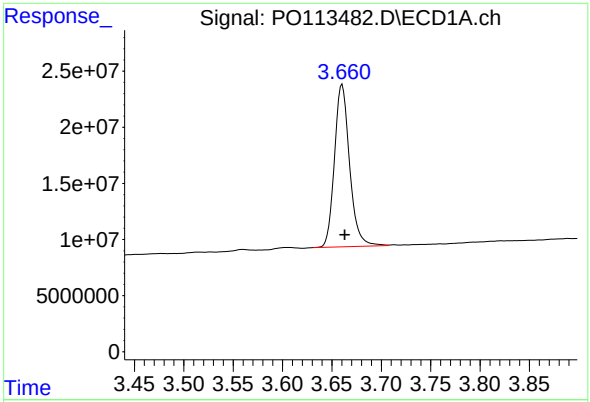
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:35:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



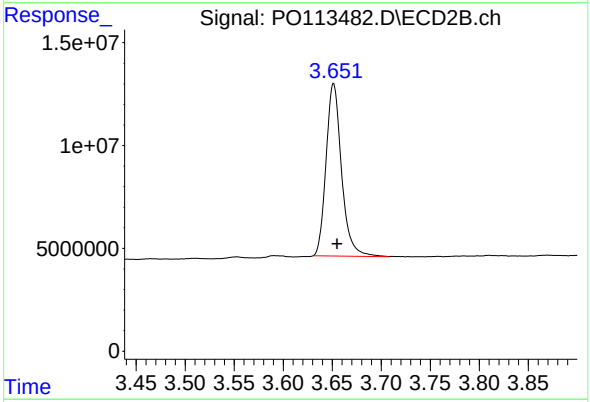




#1 Tetrachloro-m-xylene

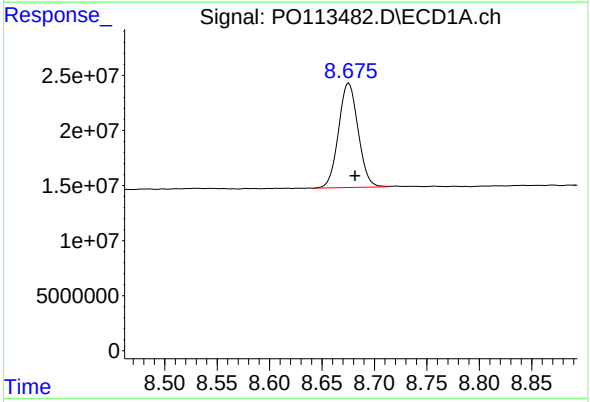
R.T.: 3.660 min
Delta R.T.: -0.003 min
Response: 154113067
Conc: 18.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



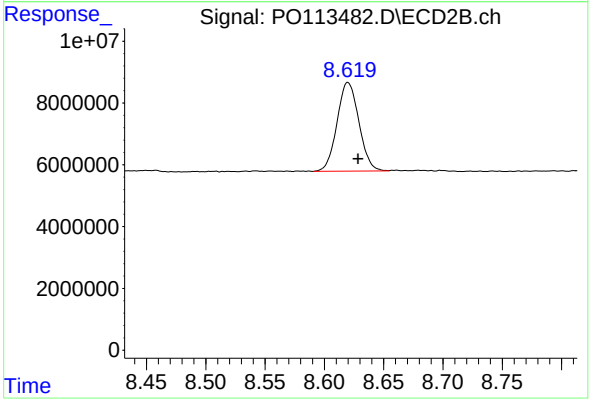
#1 Tetrachloro-m-xylene

R.T.: 3.651 min
Delta R.T.: -0.003 min
Response: 92026478
Conc: 18.18 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.676 min
Delta R.T.: -0.006 min
Response: 123240605
Conc: 17.78 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.620 min
Delta R.T.: -0.008 min
Response: 36853338
Conc: 19.45 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:	09/05/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/05/25
Client Sample ID:	PIBLK-PO113492.D	SDG No.:	Q3017
Lab Sample ID:	I.BLK-PO113492.D	Matrix:	WATER
Analytical Method:	8082A	% 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
PO113492.D	1		09/05/25	po090425

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	18.6		60 - 140		93%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.9		60 - 140		94%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113492.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 01:12
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:51:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.660	3.652	160.0E6	93952650	19.548	18.565
2)	SA Decachlor...	8.675	8.620	130.9E6	38247528	18.887	20.185
	Target Compounds						

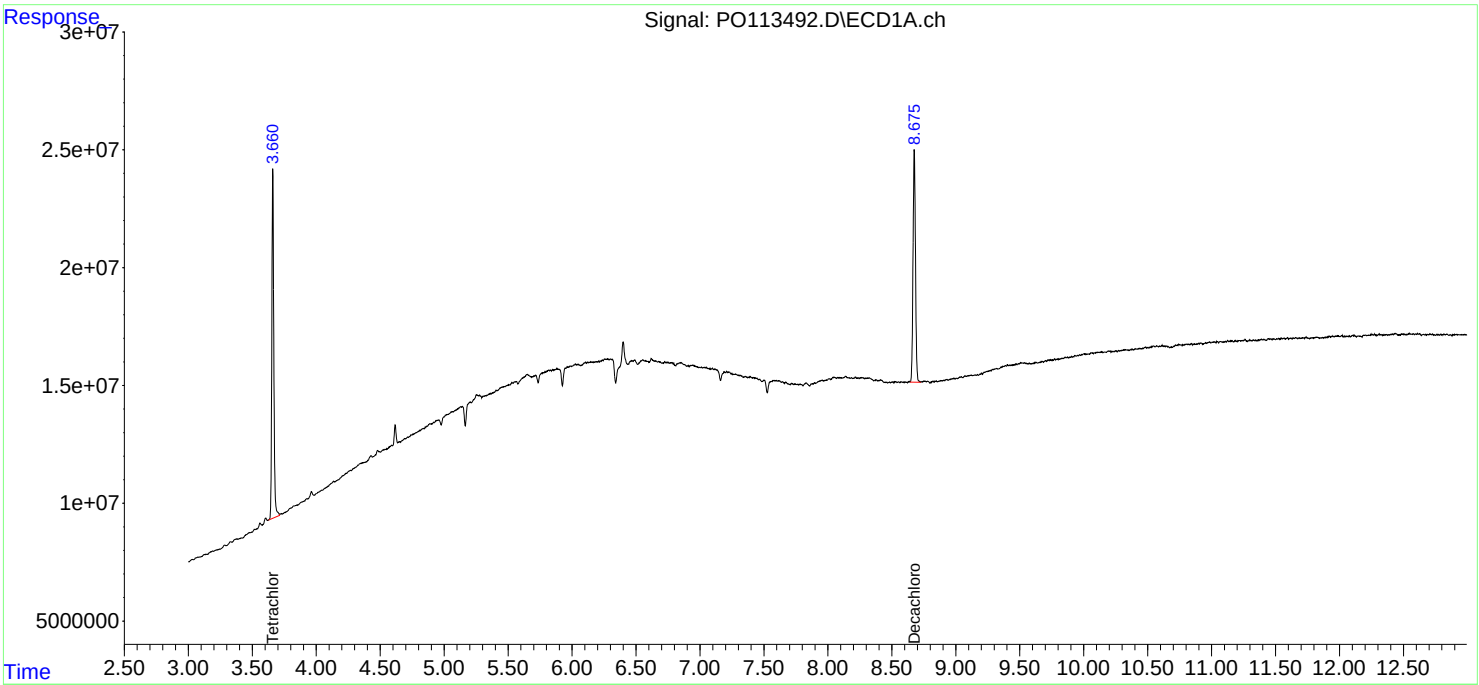
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

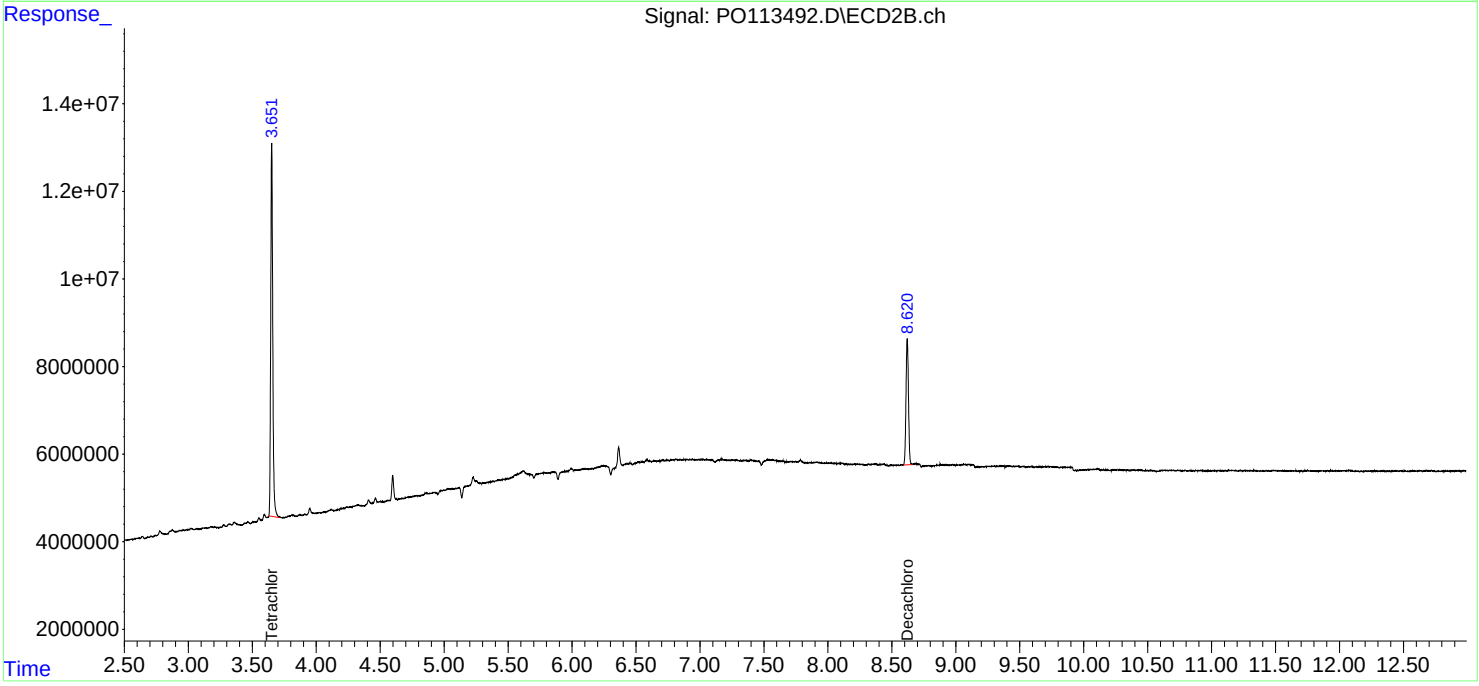
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113492.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 01:12
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

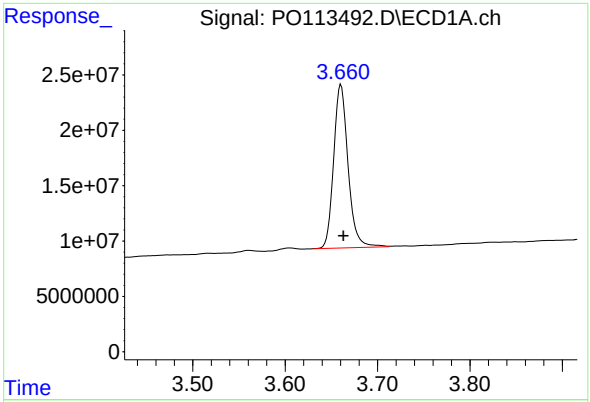
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:51:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



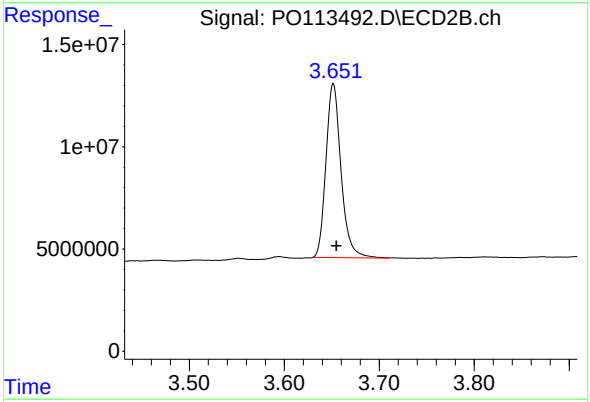




#1 Tetrachloro-m-xylene

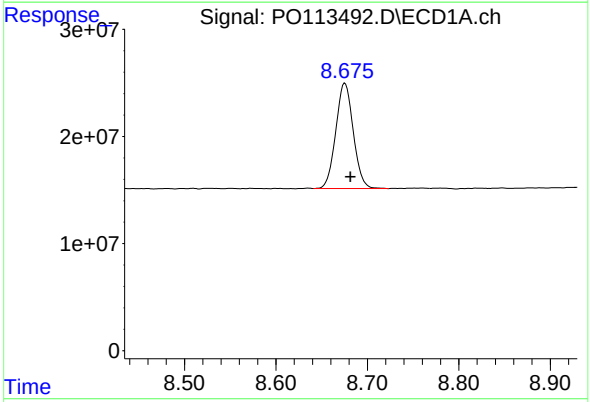
R.T.: 3.660 min
Delta R.T.: -0.003 min
Response: 160031324
Conc: 19.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



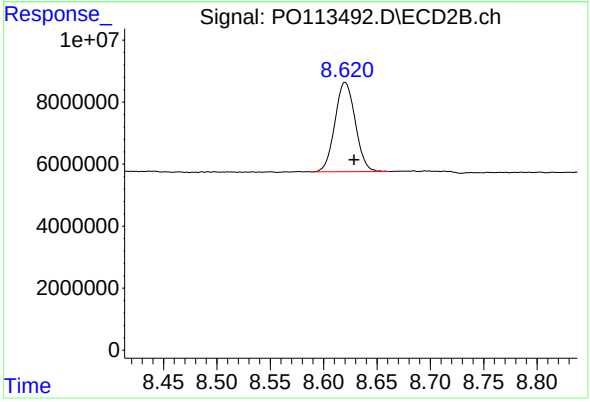
#1 Tetrachloro-m-xylene

R.T.: 3.652 min
Delta R.T.: -0.003 min
Response: 93952650
Conc: 18.57 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.675 min
Delta R.T.: -0.006 min
Response: 130915396
Conc: 18.89 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.620 min
Delta R.T.: -0.008 min
Response: 38247528
Conc: 20.18 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:	08/19/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	08/19/25
Client Sample ID:	PIBLK-PP074490.D	SDG No.:	Q3017
Lab Sample ID:	I.BLK-PP074490.D	Matrix:	WATER
Analytical Method:	8082A	% 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
PP074490.D	1		08/19/25	PP081925

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	15.7		60 - 140		78%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.9		60 - 140		85%	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\PP081925\
Data File : PP074490.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 09:46
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: Aug 20 06:22:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.651	3.798	21748898	75777732	17.773	15.671
2)	SA Decachlor...	10.429	8.812	18016036	127.1E6	18.244	16.955
	Target Compounds						

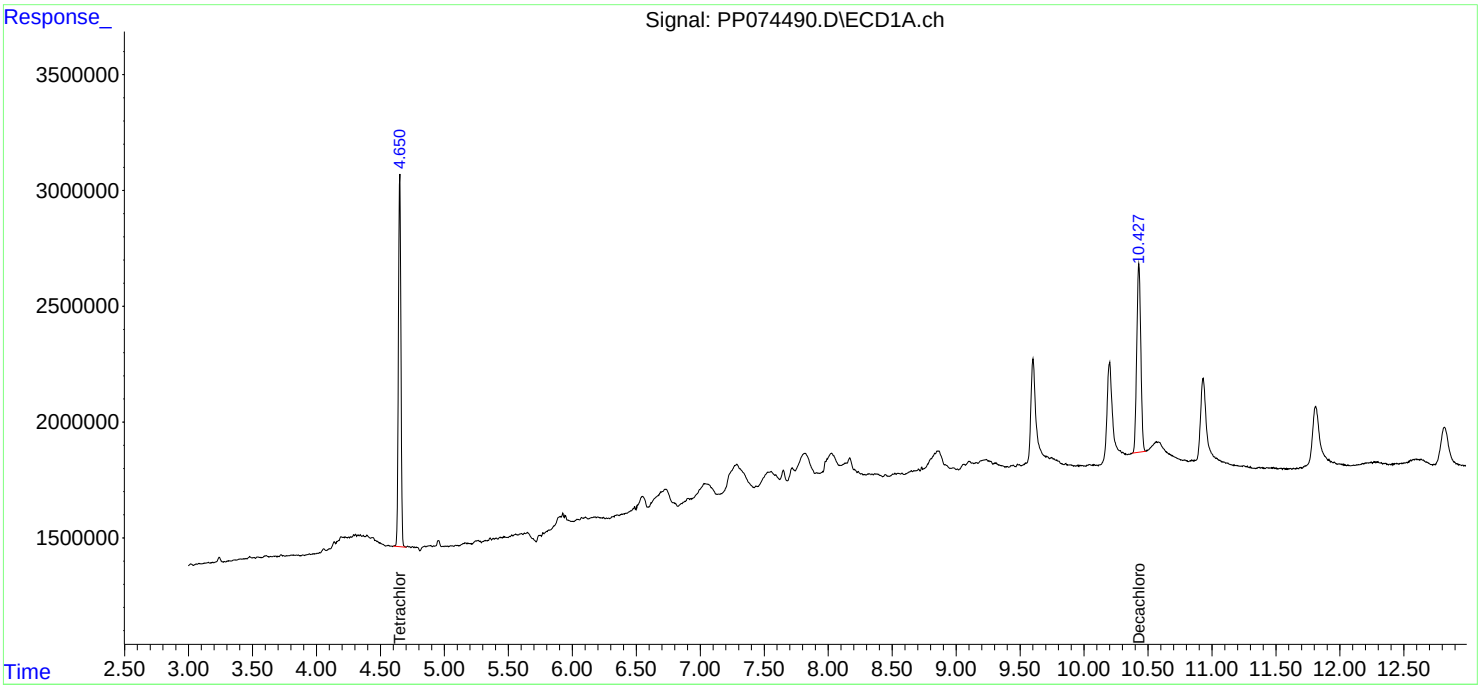
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

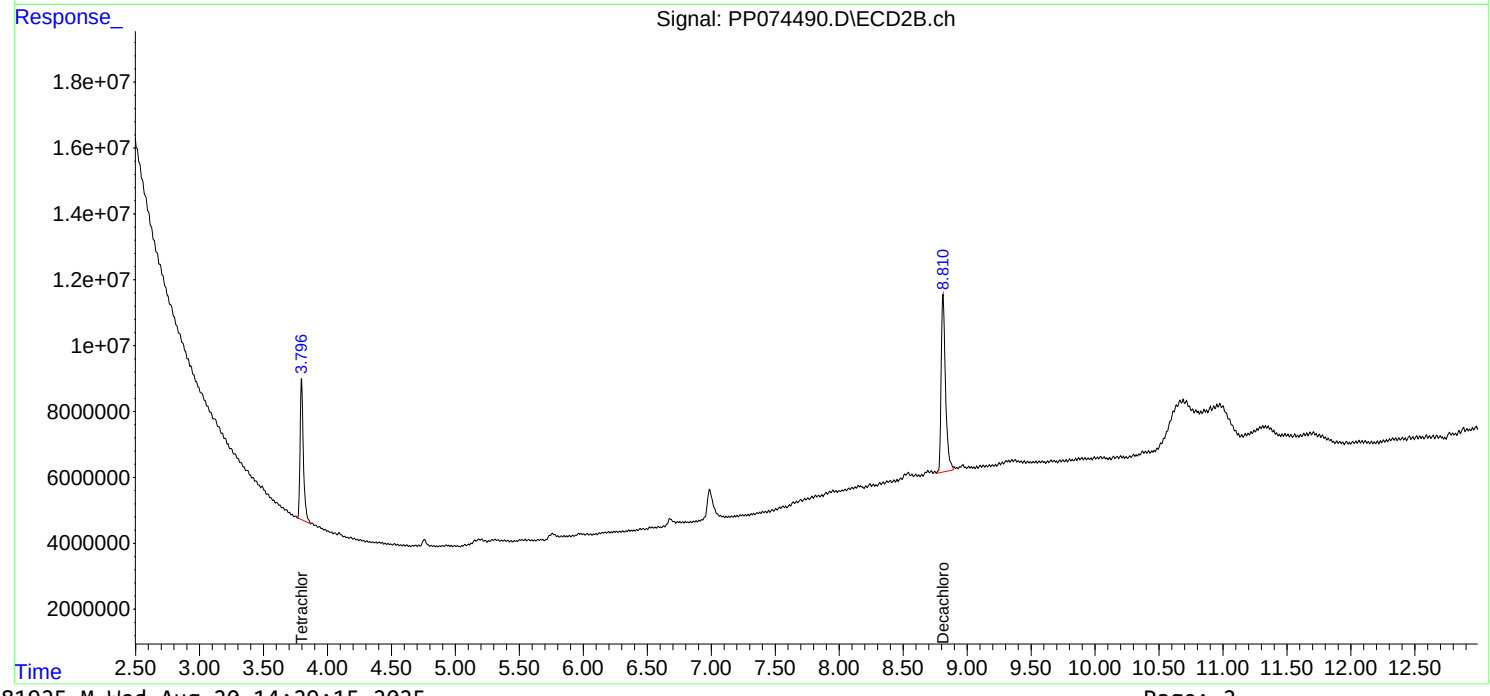
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074490.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 09:46
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

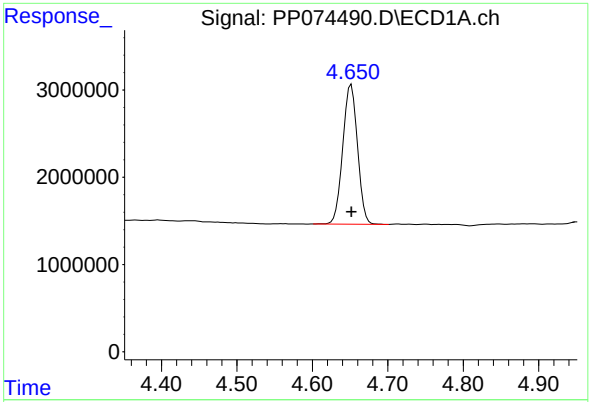
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:22:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



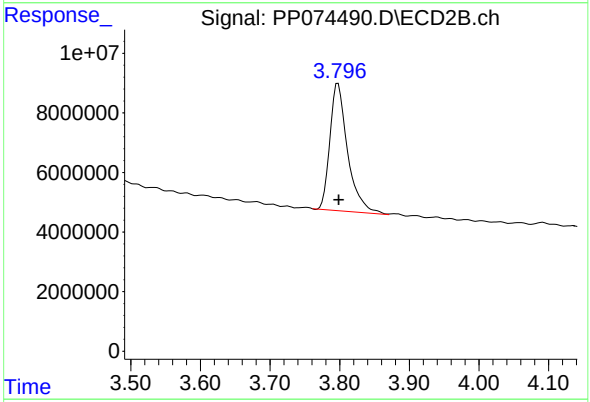




#1 Tetrachloro-m-xylene

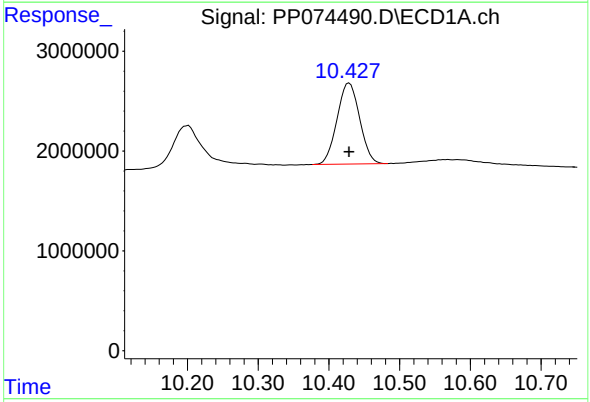
R.T.: 4.651 min
Delta R.T.: 0.000 min
Response: 21748898
Conc: 17.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



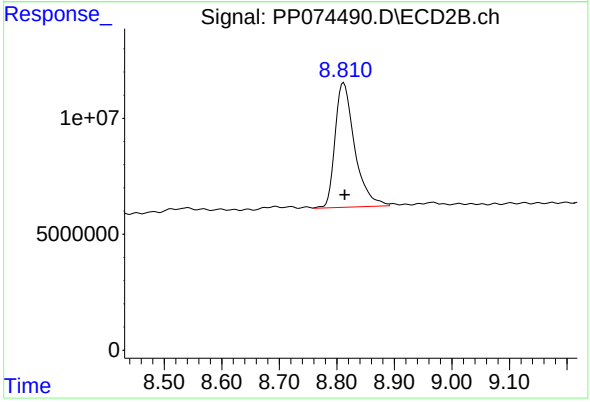
#1 Tetrachloro-m-xylene

R.T.: 3.798 min
Delta R.T.: -0.001 min
Response: 75777732
Conc: 15.67 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.429 min
Delta R.T.: 0.000 min
Response: 18016036
Conc: 18.24 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.812 min
Delta R.T.: -0.002 min
Response: 127148329
Conc: 16.95 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:	09/05/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/05/25
Client Sample ID:	PIBLK-PP074887.D	SDG No.:	Q3017
Lab Sample ID:	I.BLK-PP074887.D	Matrix:	WATER
Analytical Method:	8082A	% 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
PP074887.D	1		09/05/25	pp090525

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	16.6		60 - 140		83%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.3		60 - 140		72%	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\PP090525\
Data File : PP074887.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 09:09
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: Sep 05 23:34:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.662	3.796	21991906	80386205	17.972	16.624
2)	SA Decachlor...	10.446	8.810	17387361	107.6E6	17.607	14.353
	Target Compounds						

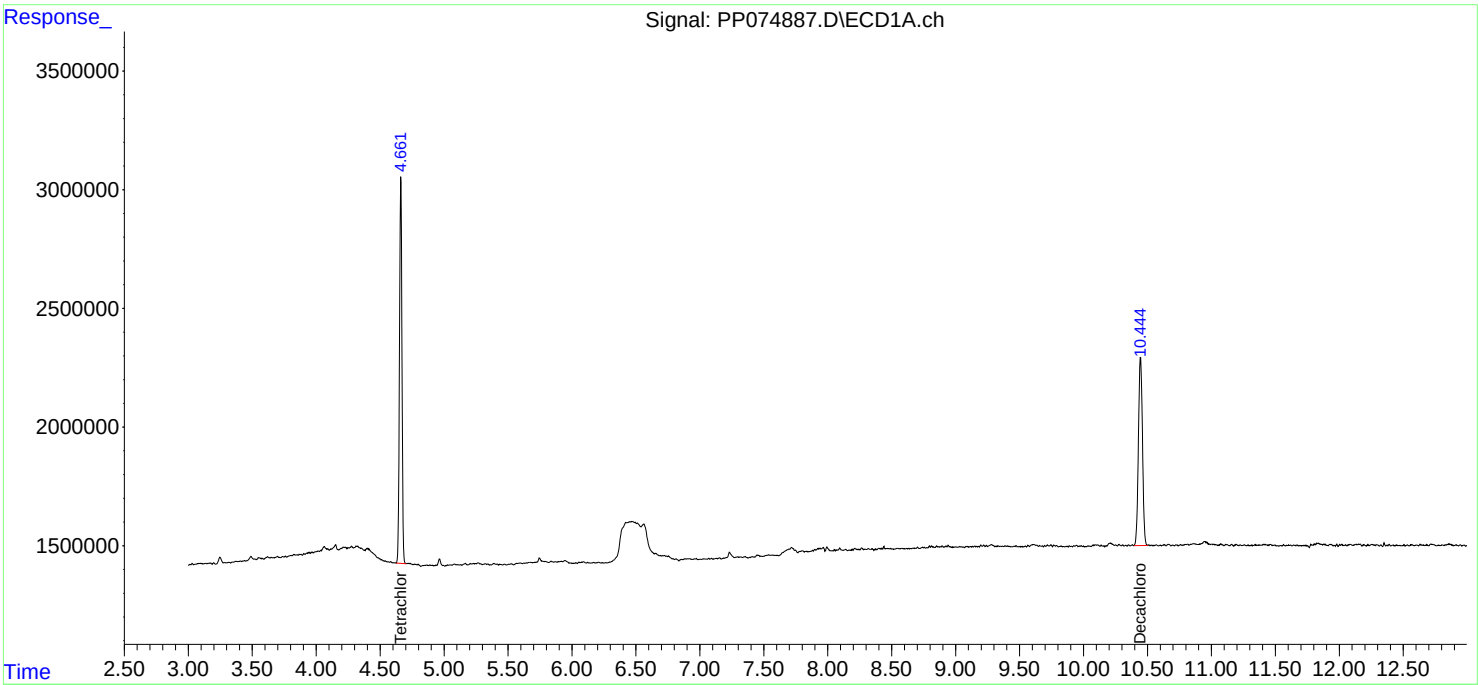
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

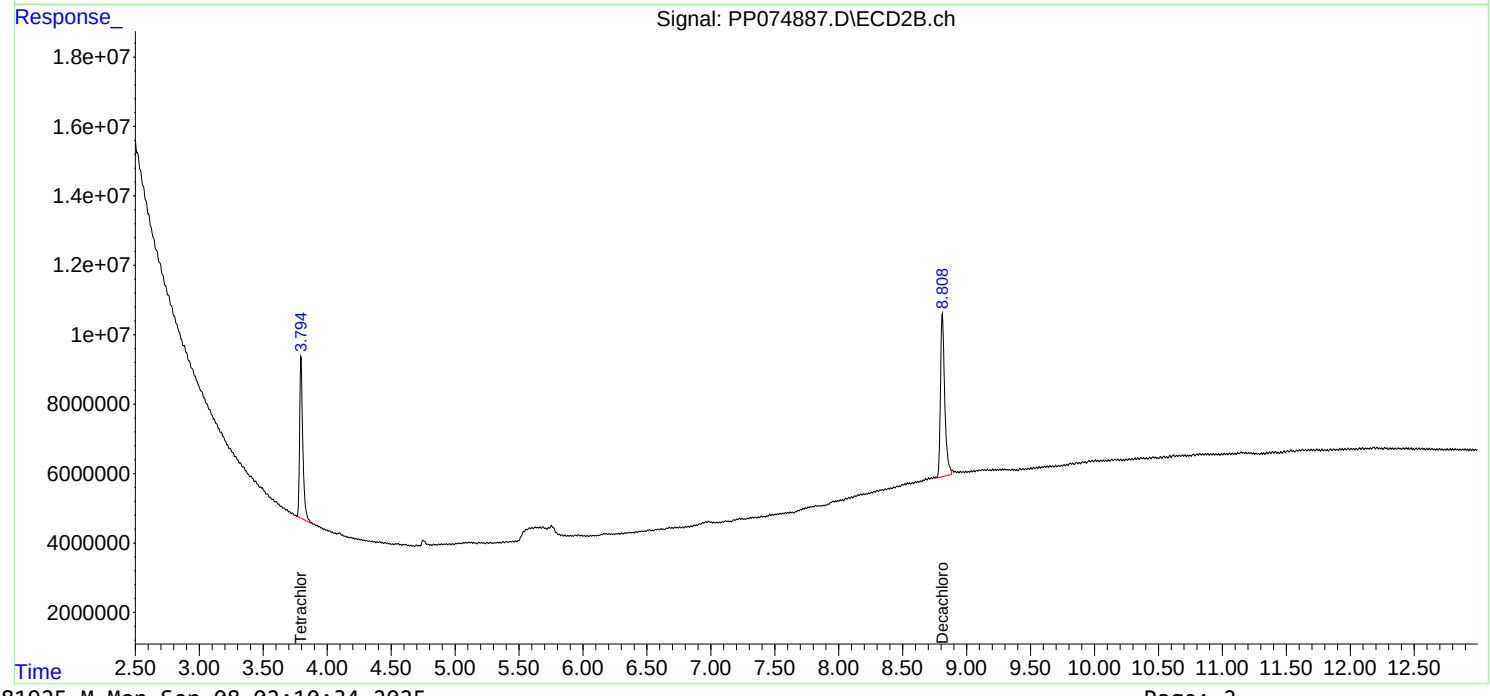
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074887.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 09:09
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

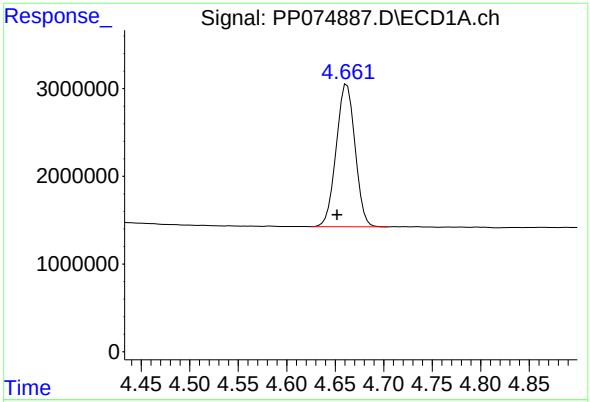
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:34:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



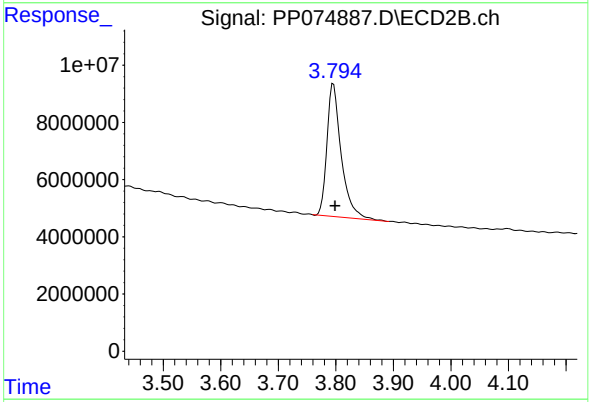




#1 Tetrachloro-m-xylene

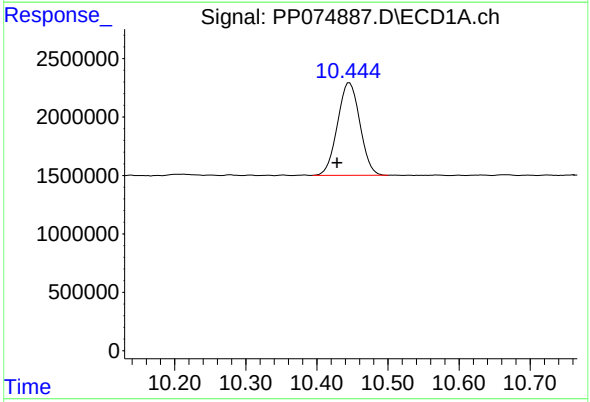
R.T.: 4.662 min
Delta R.T.: 0.010 min
Response: 21991906
Conc: 17.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



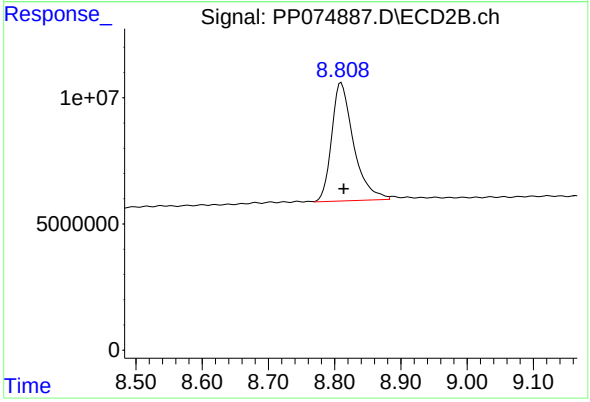
#1 Tetrachloro-m-xylene

R.T.: 3.796 min
Delta R.T.: -0.003 min
Response: 80386205
Conc: 16.62 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.446 min
Delta R.T.: 0.018 min
Response: 17387361
Conc: 17.61 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.810 min
Delta R.T.: -0.004 min
Response: 107634030
Conc: 14.35 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:	09/05/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/05/25
Client Sample ID:	PIBLK-PP074898.D	SDG No.:	Q3017
Lab Sample ID:	I.BLK-PP074898.D	Matrix:	WATER
Analytical Method:	8082A	% 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
PP074898.D	1		09/05/25	pp090525

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	15.6		60 - 140		78%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.9		60 - 140		70%	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\PP090525\
Data File : PP074898.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 13:07
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: Sep 05 23:37:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.661	3.803	21610807	75625413	17.660	15.640
2)	SA Decachlor...	10.439	8.813	17028838	104.5E6	17.244	13.929
	Target Compounds						

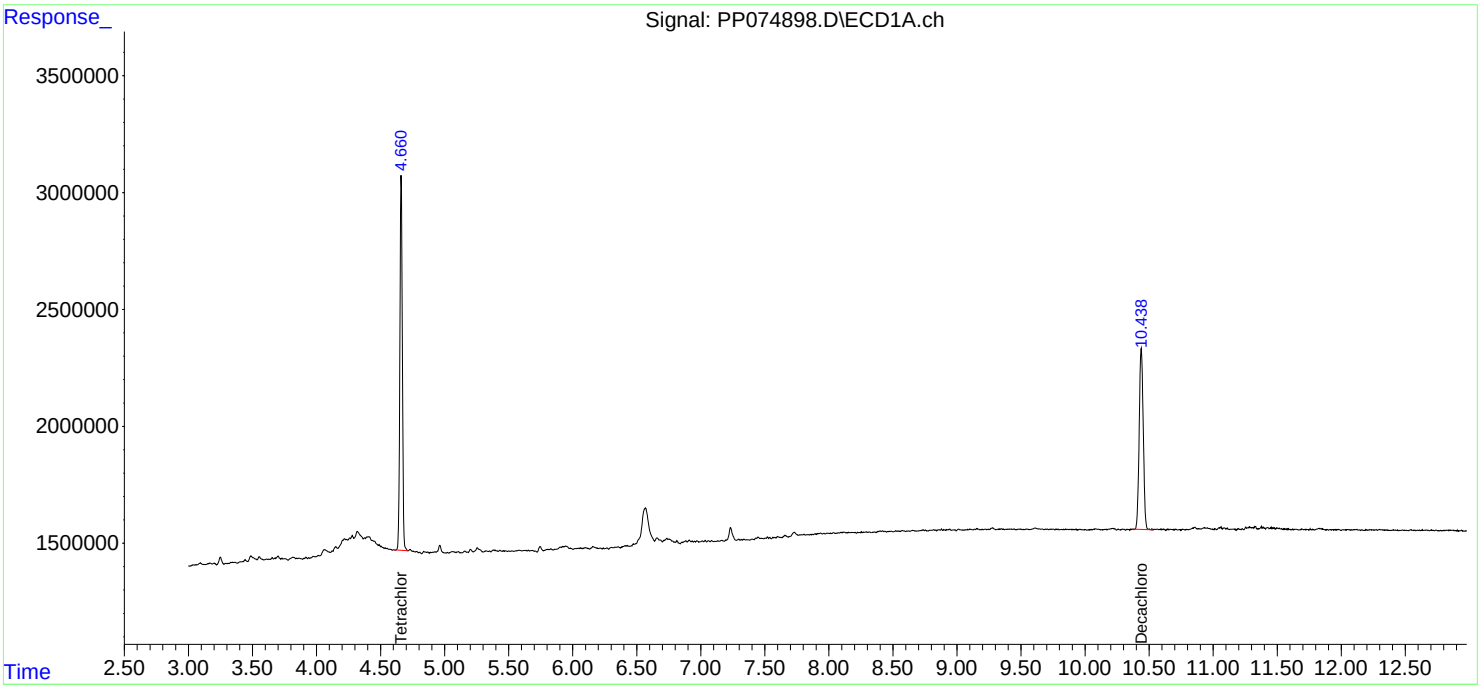
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

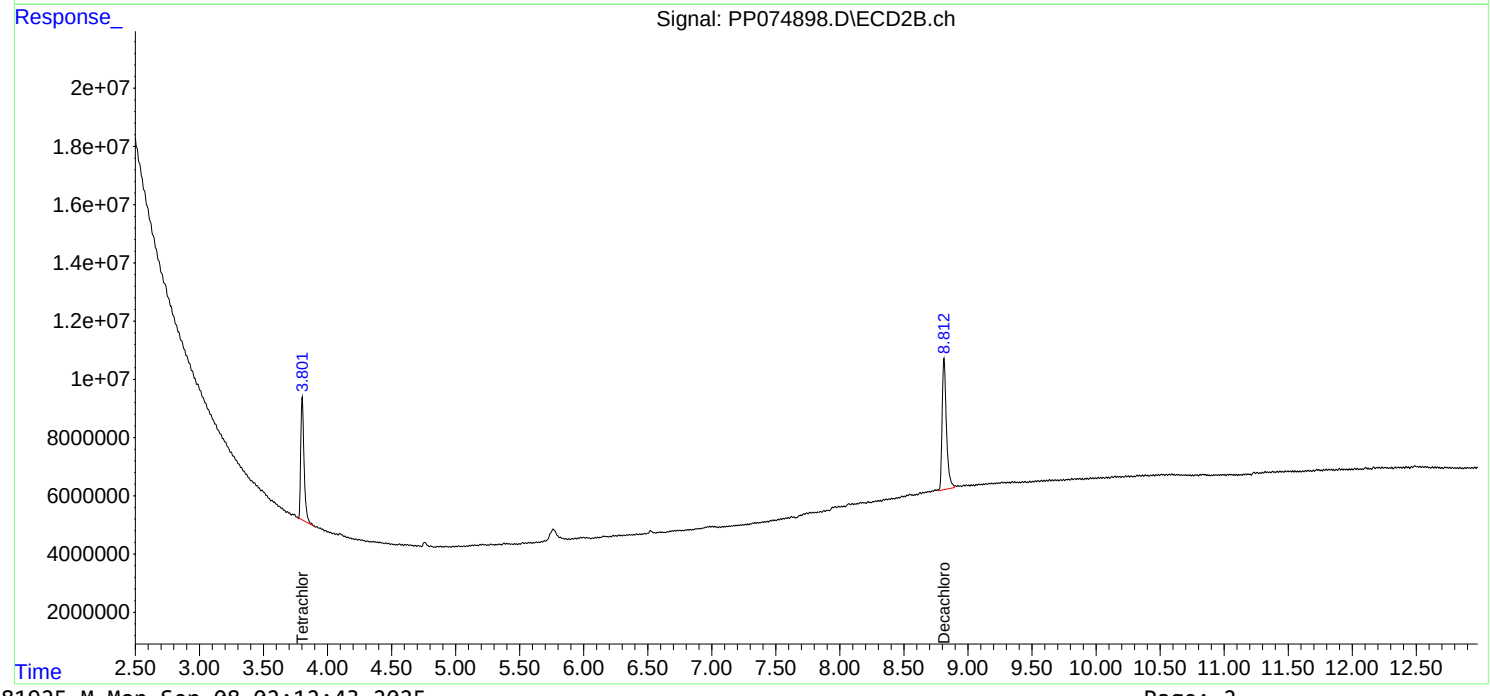
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074898.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 13:07
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

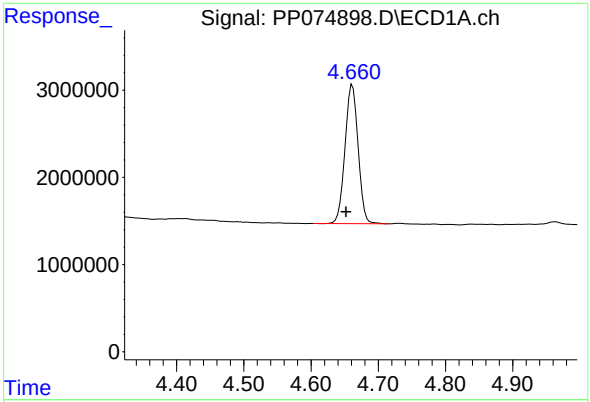
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:37:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



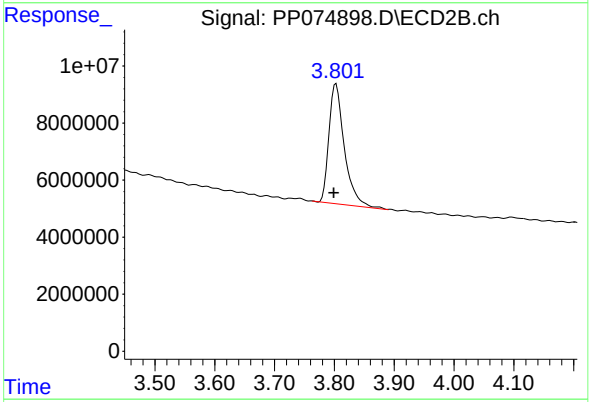




#1 Tetrachloro-m-xylene

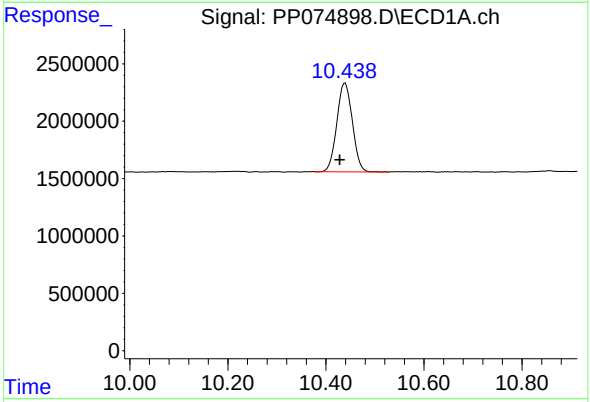
R.T.: 4.661 min
Delta R.T.: 0.009 min
Response: 21610807
Conc: 17.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



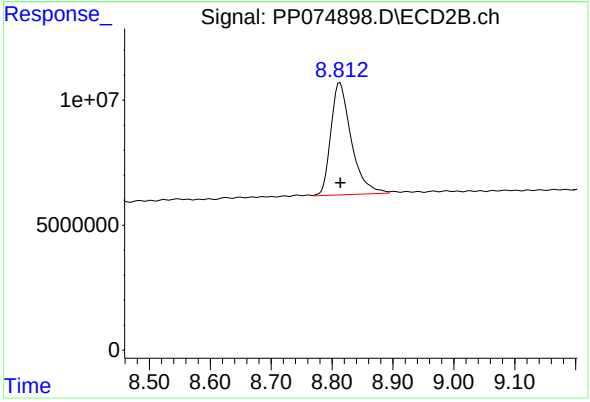
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.004 min
Response: 75625413
Conc: 15.64 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.439 min
Delta R.T.: 0.011 min
Response: 17028838
Conc: 17.24 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.813 min
Delta R.T.: 0.000 min
Response: 104455477
Conc: 13.93 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:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	PB169547BS	SDG No.:	Q3017
Lab Sample ID:	PB169547BS	Matrix:	WATER
Analytical Method:	8082A	% 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
PO113484.D	1	09/04/25 09:33	09/04/25 21:15	PB169547

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	4.50		0.081	0.25	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.2		35 - 137		101%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.3		40 - 135		106%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113484.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 21:15
Operator : YP/AJ
Sample : PB169547BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB169547BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:36:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.660	3.652	165.4E6	97230225	20.200	19.213
2)	SA Decachlor...	8.676	8.621	134.3E6	40316798	19.369	21.277
	Target Compounds						
3)	L1 AR-1016-1	4.744	4.724	125.8E6	77011024	471.184	451.482
4)	L1 AR-1016-2	4.762	4.742	199.6E6	117.5E6	497.317	455.955
5)	L1 AR-1016-3	4.819	4.917	125.2E6	60060602	490.949	430.189
6)	L1 AR-1016-4	4.938	4.960	97216093	48275247	445.806m	413.673
7)	L1 AR-1016-5	5.195	5.172	101.8E6	63023323	459.193	442.176
31)	L7 AR-1260-1	6.231	6.198	224.4E6	110.5E6	503.062	433.162
32)	L7 AR-1260-2	6.420	6.387	335.0E6	143.3E6	487.788	414.574
33)	L7 AR-1260-3	6.786	6.537	249.0E6	118.9E6	403.196	399.693
34)	L7 AR-1260-4	7.045	7.007	179.6E6	72649696	401.057	350.542
35)	L7 AR-1260-5	7.289	7.249	522.1E6	161.2E6	431.248	344.072

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113484.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 21:15
Operator : YP/AJ
Sample : PB169547BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

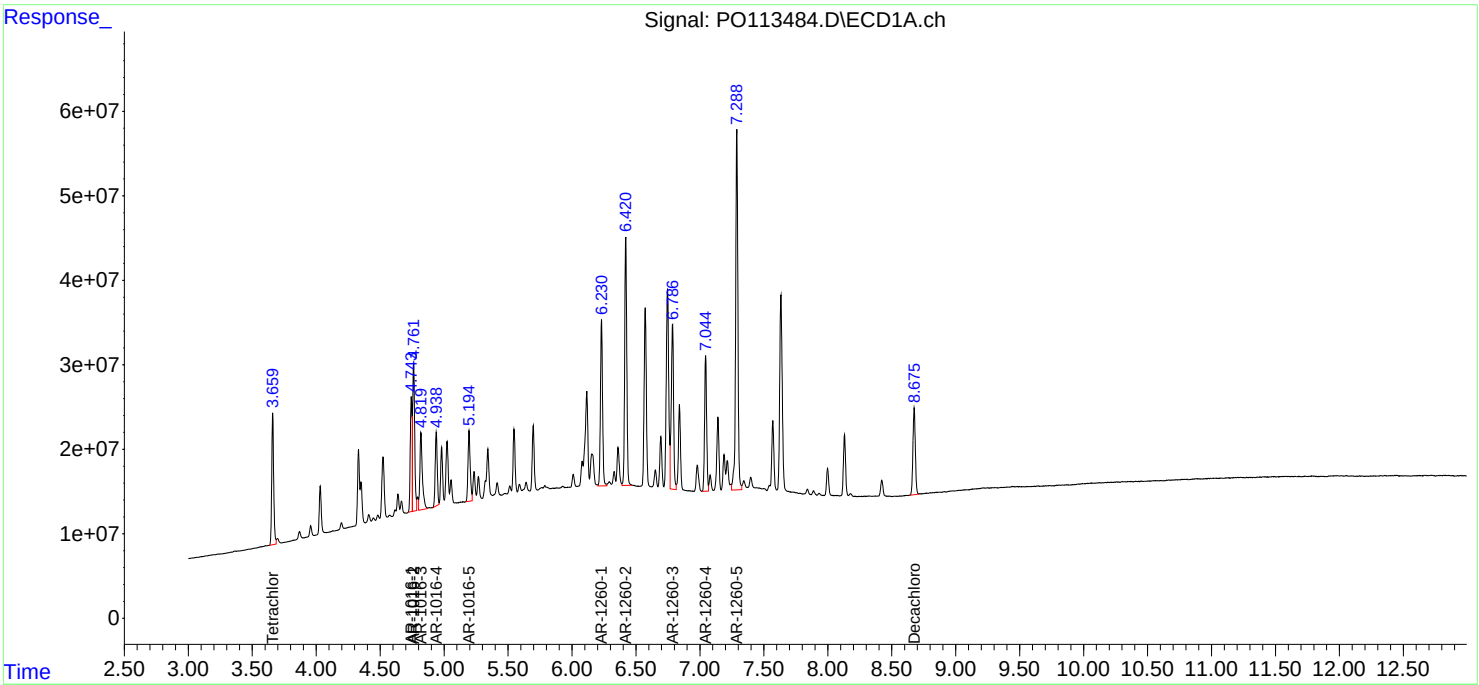
Instrument :
ECD_O
ClientSampleId :
PB169547BS

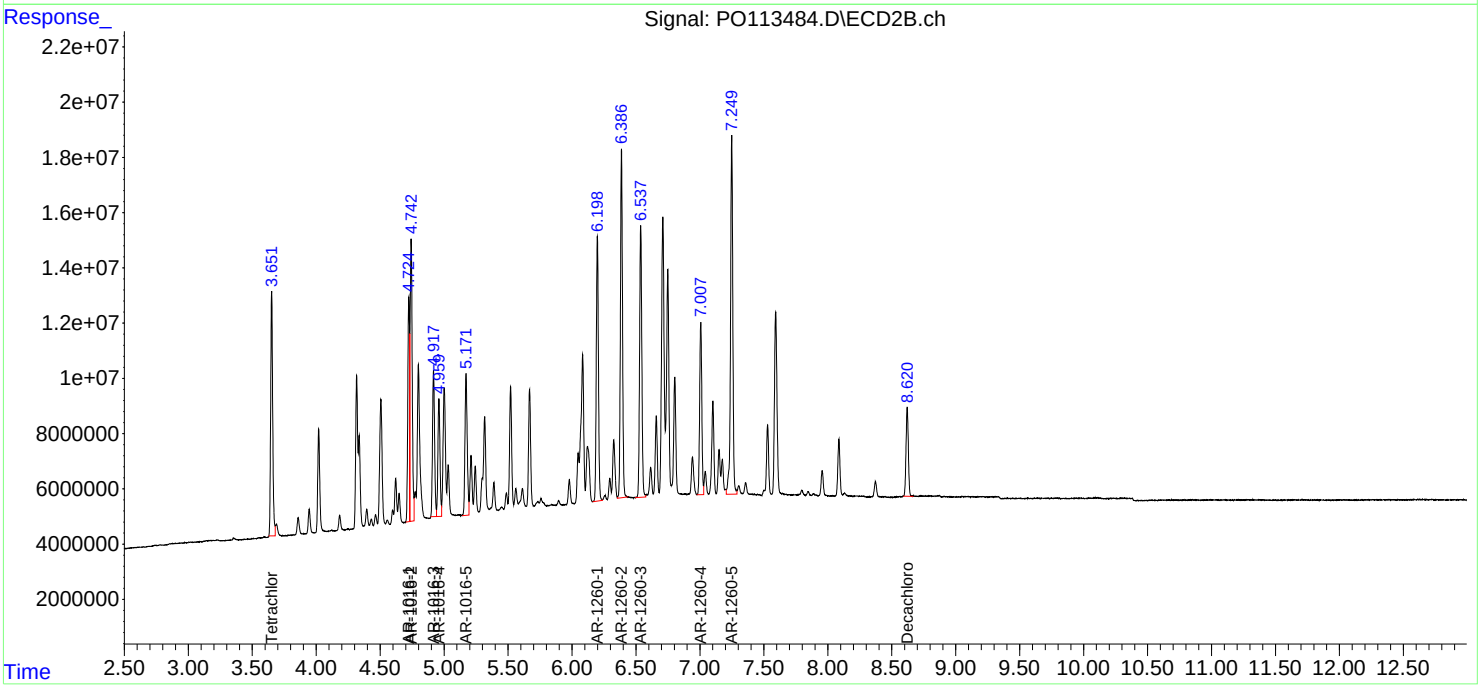
Manual Integrations APPROVED

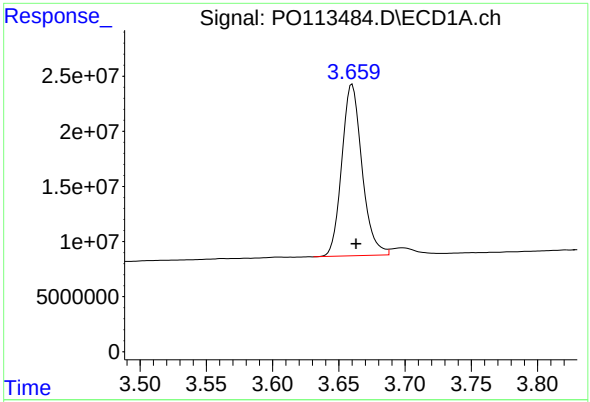
Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:36:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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







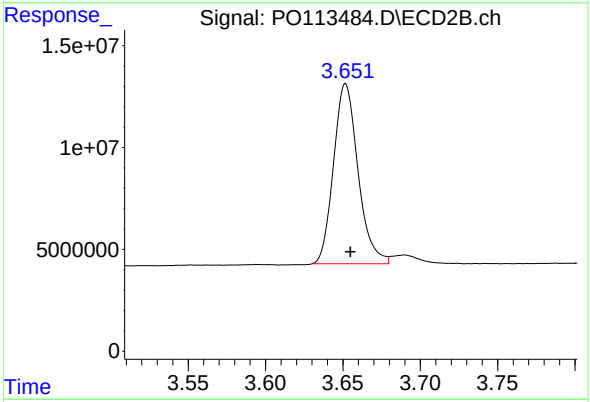
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: -0.003 min
Response: 165365966
Conc: 20.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BS

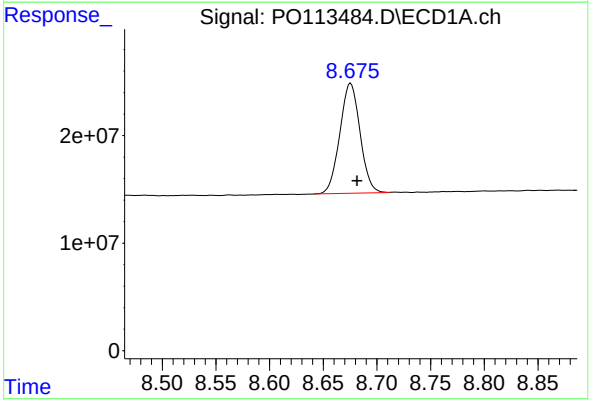
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



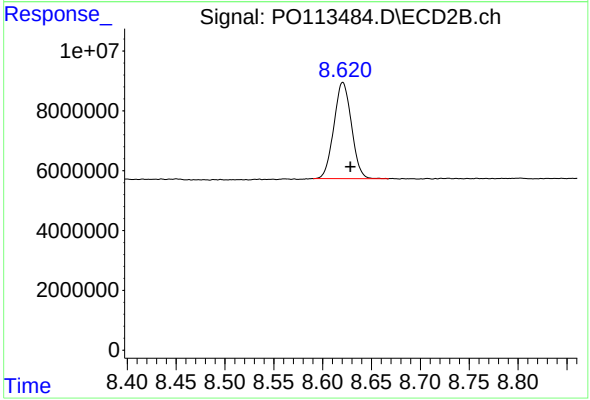
#1 Tetrachloro-m-xylene

R.T.: 3.652 min
Delta R.T.: -0.003 min
Response: 97230225
Conc: 19.21 ng/ml



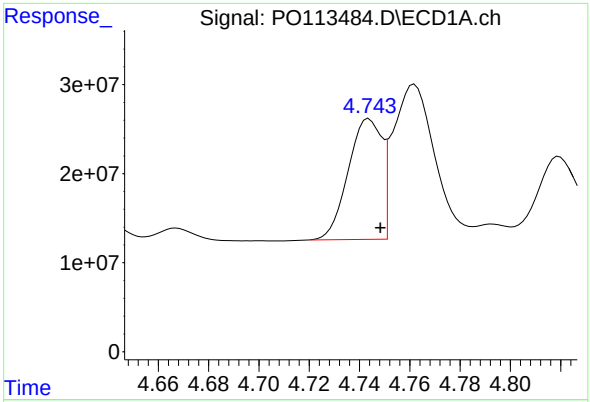
#2 Decachlorobiphenyl

R.T.: 8.676 min
Delta R.T.: -0.006 min
Response: 134253910
Conc: 19.37 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.621 min
Delta R.T.: -0.008 min
Response: 40316798
Conc: 21.28 ng/ml



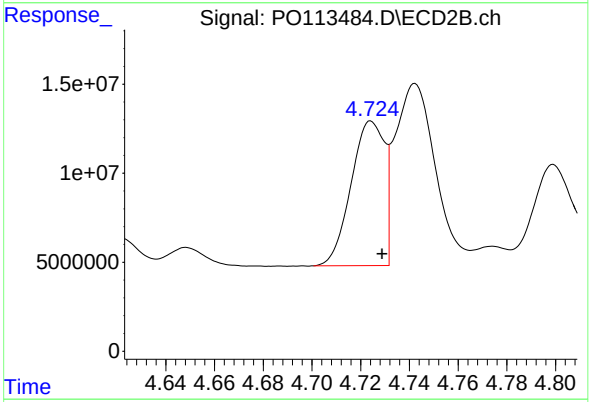
#3 AR-1016-1

R.T.: 4.744 min
Delta R.T.: -0.004 min
Response: 125798938
Conc: 471.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BS

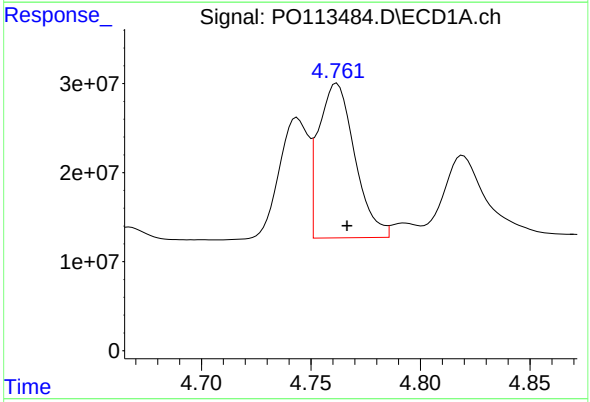
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



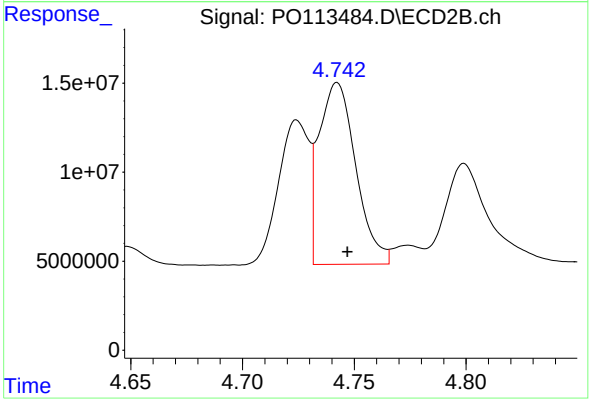
#3 AR-1016-1

R.T.: 4.724 min
Delta R.T.: -0.004 min
Response: 77011024
Conc: 451.48 ng/ml



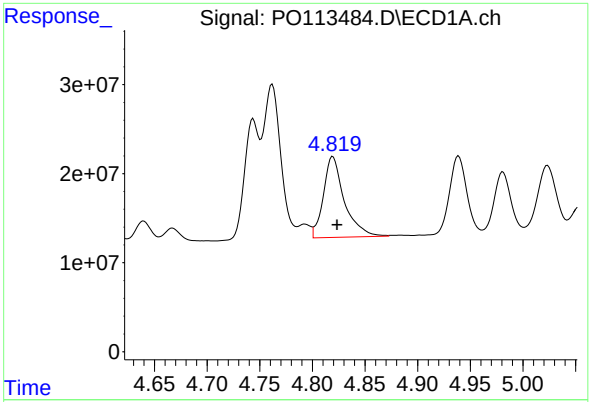
#4 AR-1016-2

R.T.: 4.762 min
Delta R.T.: -0.005 min
Response: 199638799
Conc: 497.32 ng/ml



#4 AR-1016-2

R.T.: 4.742 min
Delta R.T.: -0.005 min
Response: 117479628
Conc: 455.96 ng/ml



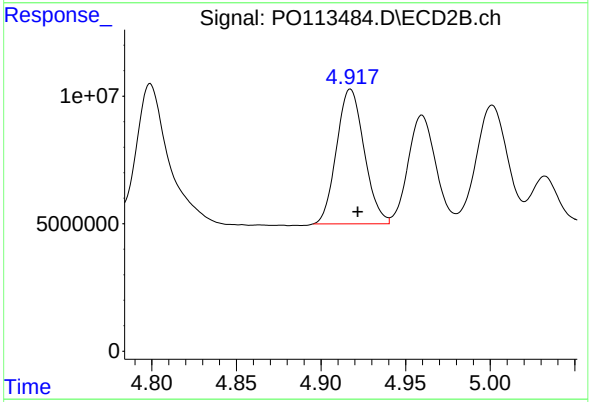
#5 AR-1016-3

R.T.: 4.819 min
Delta R.T.: -0.004 min
Response: 125203123
Conc: 490.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BS

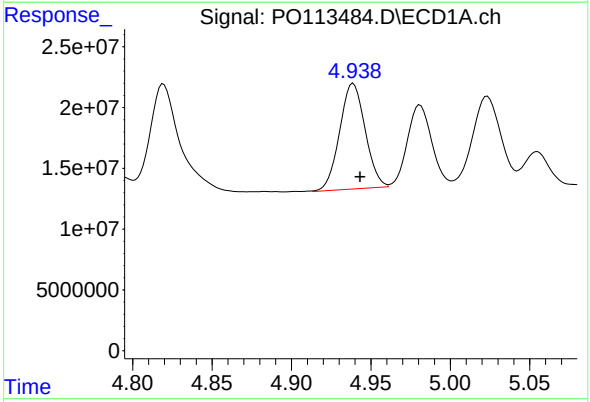
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



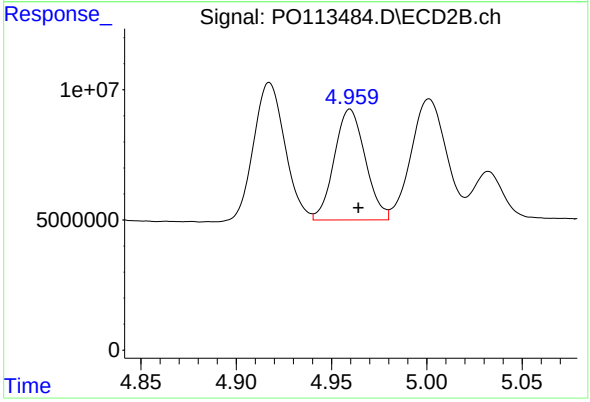
#5 AR-1016-3

R.T.: 4.917 min
Delta R.T.: -0.004 min
Response: 60060602
Conc: 430.19 ng/ml



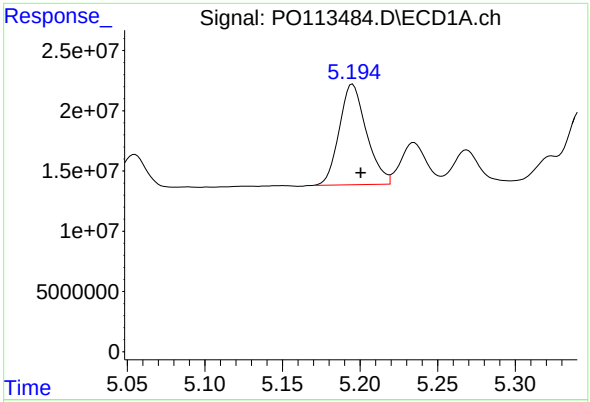
#6 AR-1016-4

R.T.: 4.938 min
Delta R.T.: -0.005 min
Response: 97216093
Conc: 445.81 ng/ml m



#6 AR-1016-4

R.T.: 4.960 min
Delta R.T.: -0.004 min
Response: 48275247
Conc: 413.67 ng/ml



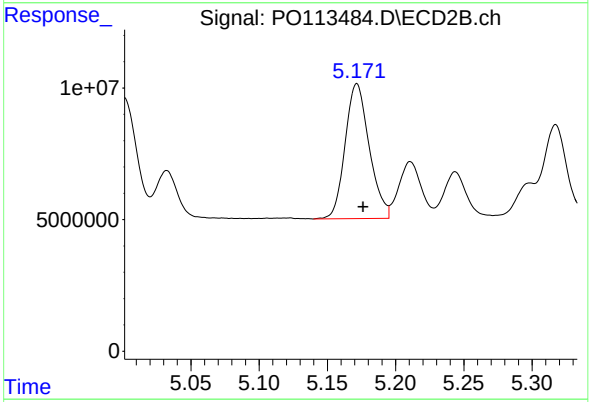
#7 AR-1016-5

R.T.: 5.195 min
Delta R.T.: -0.005 min
Response: 101769994
Conc: 459.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BS

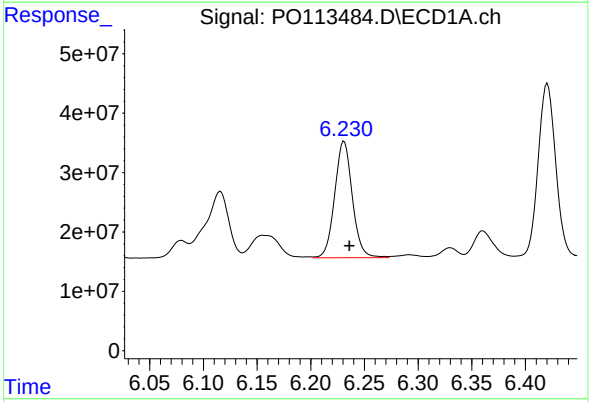
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



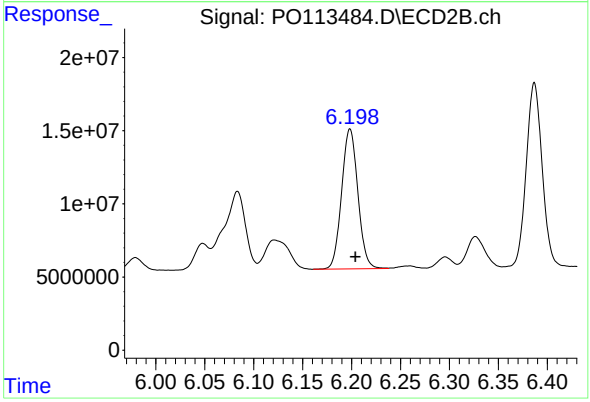
#7 AR-1016-5

R.T.: 5.172 min
Delta R.T.: -0.005 min
Response: 63023323
Conc: 442.18 ng/ml



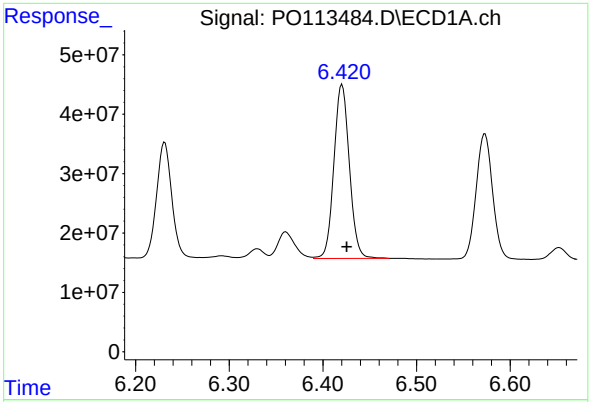
#31 AR-1260-1

R.T.: 6.231 min
Delta R.T.: -0.005 min
Response: 224356091
Conc: 503.06 ng/ml



#31 AR-1260-1

R.T.: 6.198 min
Delta R.T.: -0.006 min
Response: 110486144
Conc: 433.16 ng/ml



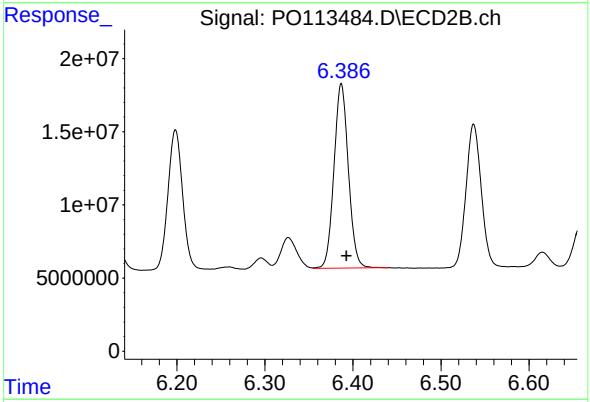
#32 AR-1260-2

R.T.: 6.420 min
Delta R.T.: -0.005 min
Response: 334974434
Conc: 487.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BS

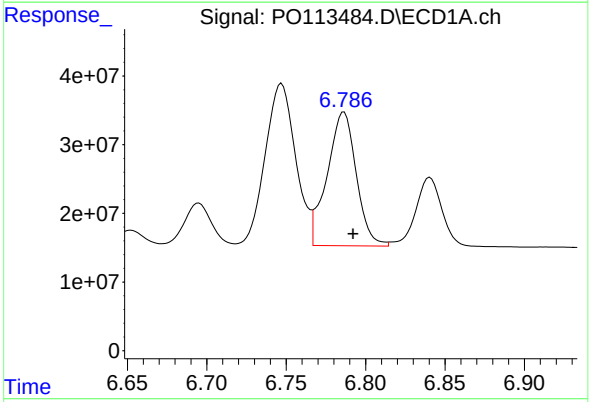
Manual Integrations APPROVED

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Supervised By :mohammad ahmed 09/08/2025



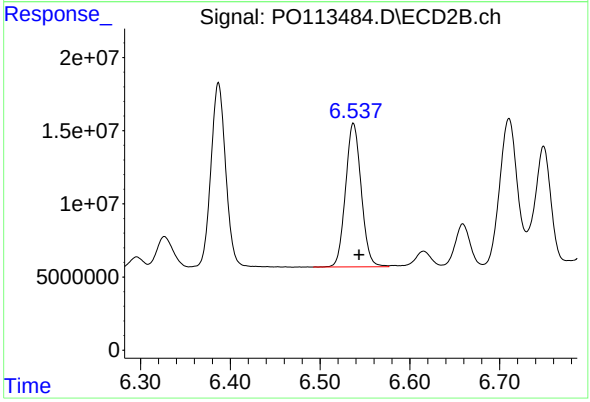
#32 AR-1260-2

R.T.: 6.387 min
Delta R.T.: -0.006 min
Response: 143323016
Conc: 414.57 ng/ml



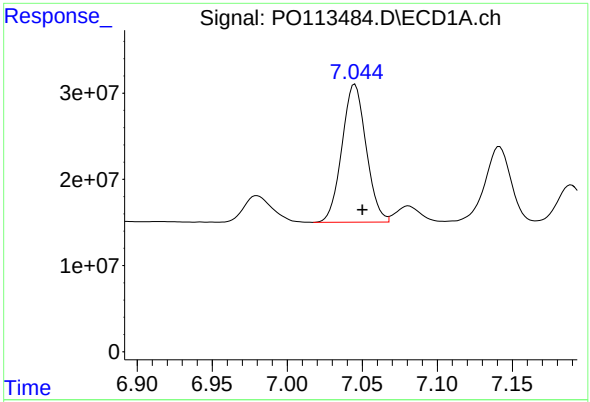
#33 AR-1260-3

R.T.: 6.786 min
Delta R.T.: -0.006 min
Response: 248962933
Conc: 403.20 ng/ml



#33 AR-1260-3

R.T.: 6.537 min
Delta R.T.: -0.006 min
Response: 118882363
Conc: 399.69 ng/ml



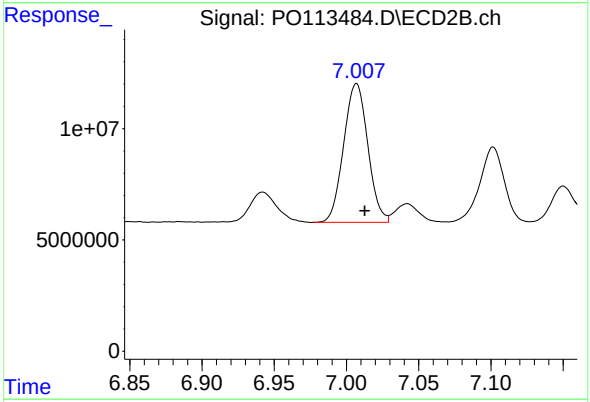
#34 AR-1260-4

R.T.: 7.045 min
Delta R.T.: -0.005 min
Response: 179623045
Conc: 401.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BS

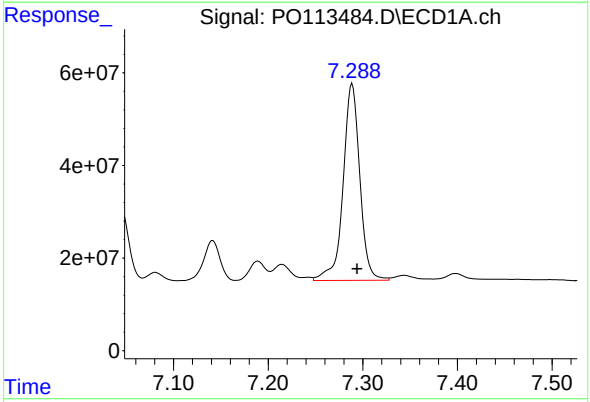
Manual Integrations
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Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



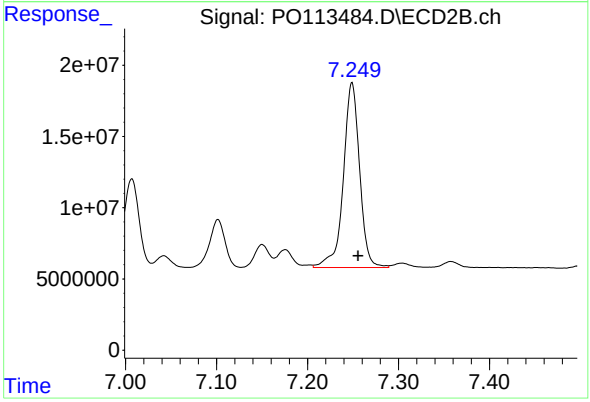
#34 AR-1260-4

R.T.: 7.007 min
Delta R.T.: -0.006 min
Response: 72649696
Conc: 350.54 ng/ml



#35 AR-1260-5

R.T.: 7.289 min
Delta R.T.: -0.005 min
Response: 522105570
Conc: 431.25 ng/ml



#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.006 min
Response: 161173655
Conc: 344.07 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:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	PB169547BSD	SDG No.:	Q3017
Lab Sample ID:	PB169547BSD	Matrix:	WATER
Analytical Method:	8082A	% 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
PO113485.D	1	09/04/25 09:33	09/04/25 21:33	PB169547

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	4.30		0.081	0.25	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	19.6		35 - 137		98%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.5		40 - 135		102%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113485.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 21:33
Operator : YP/AJ
Sample : PB169547BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB169547BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:36:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.660	3.651	160.0E6	94042684	19.547	18.583
2)	SA Decachlor...	8.675	8.620	130.4E6	38829789	18.814	20.492
	Target Compounds						
3)	L1 AR-1016-1	4.744	4.724	127.4E6	75153410	477.204	440.592
4)	L1 AR-1016-2	4.762	4.742	191.7E6	114.1E6	477.578	443.025
5)	L1 AR-1016-3	4.819	4.917	122.1E6	57976578	478.893	415.262
6)	L1 AR-1016-4	4.938	4.959	97206148	46591285	445.761m	399.243
7)	L1 AR-1016-5	5.195	5.171	100.3E6	61173532	452.374	429.198
31)	L7 AR-1260-1	6.231	6.198	217.4E6	108.5E6	487.476	425.259
32)	L7 AR-1260-2	6.421	6.387	325.2E6	140.8E6	473.604	407.300
33)	L7 AR-1260-3	6.786	6.537	243.1E6	116.2E6	393.726	390.684
34)	L7 AR-1260-4	7.045	7.006	176.1E6	71922282	393.277	347.032
35)	L7 AR-1260-5	7.288	7.249	511.4E6	161.3E6	422.438	344.355

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113485.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 21:33
Operator : YP/AJ
Sample : PB169547BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

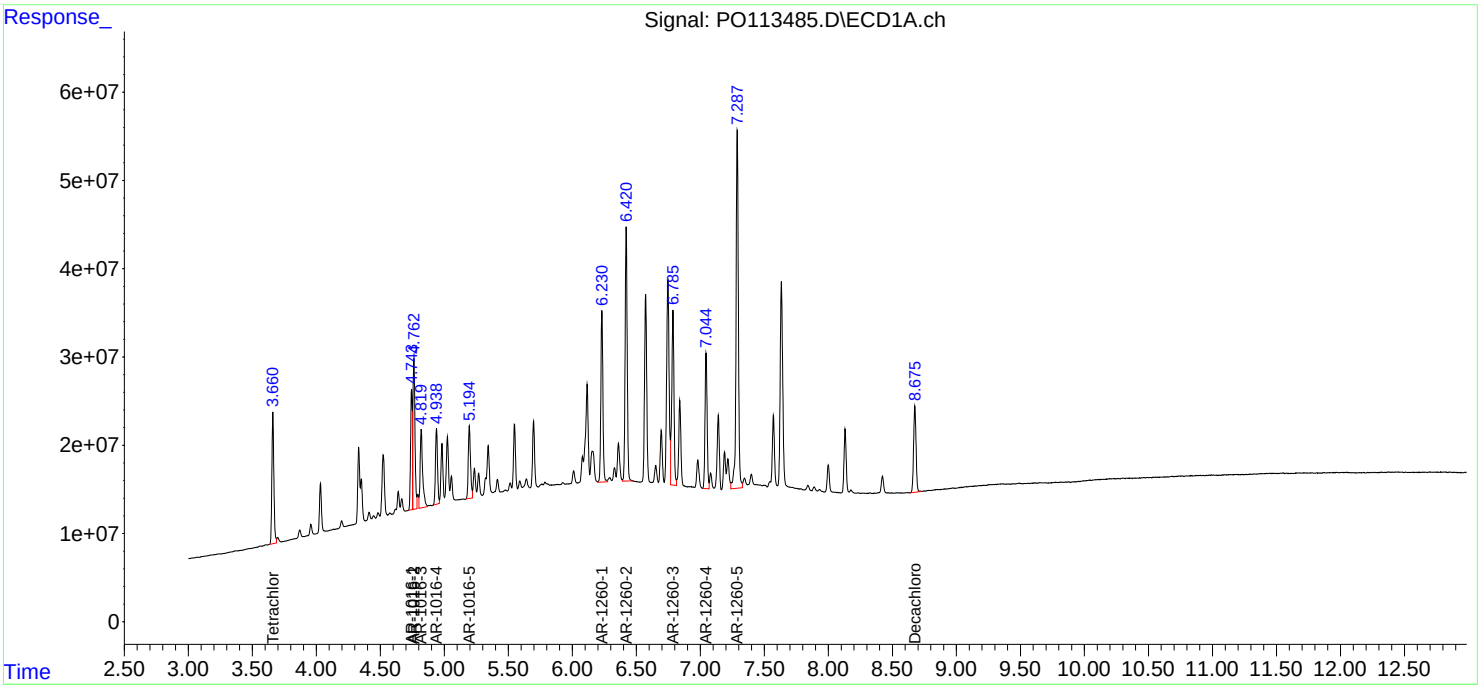
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:36:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 2025
Response via : Initial Calibration
Integrator: ChemStation

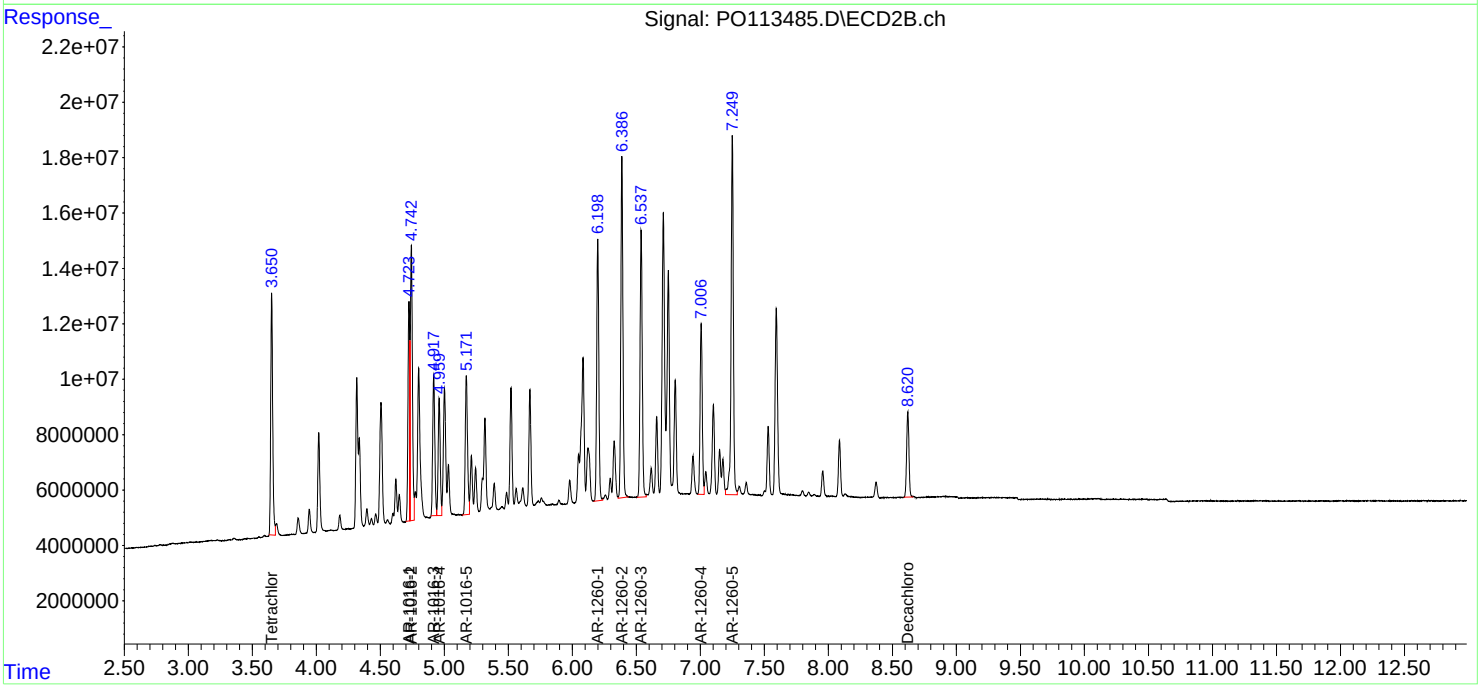
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

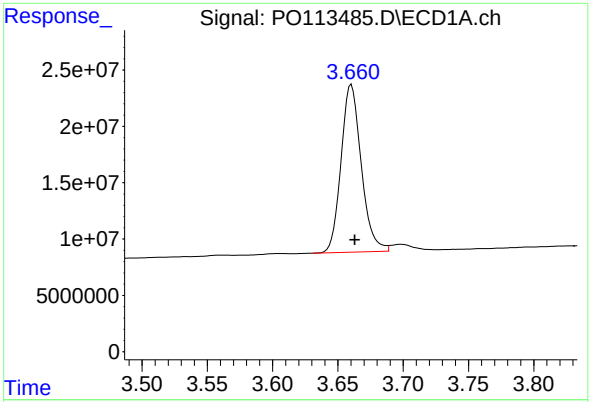
Instrument :
ECD_O
ClientSampleId :
PB169547BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025







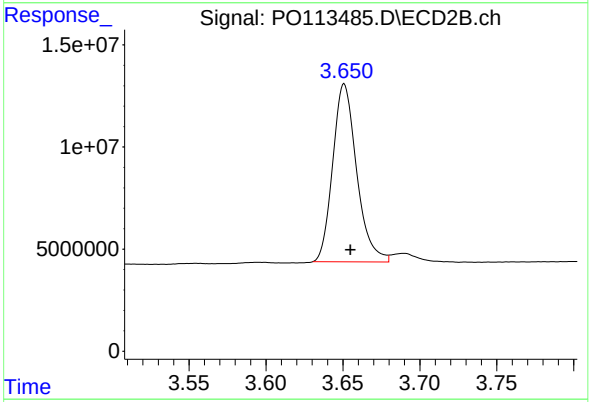
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: -0.003 min
Response: 160021011
Conc: 19.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BSD

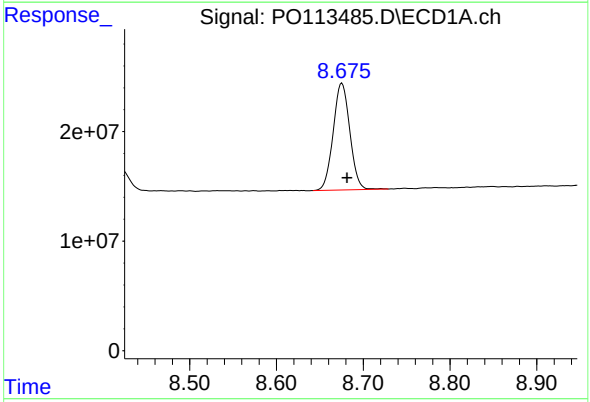
Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 09/08/2025



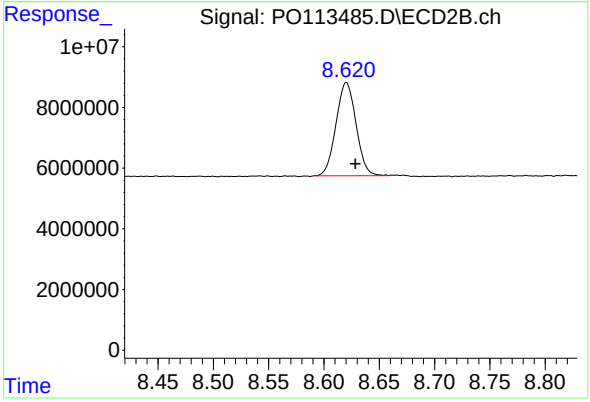
#1 Tetrachloro-m-xylene

R.T.: 3.651 min
Delta R.T.: -0.004 min
Response: 94042684
Conc: 18.58 ng/ml



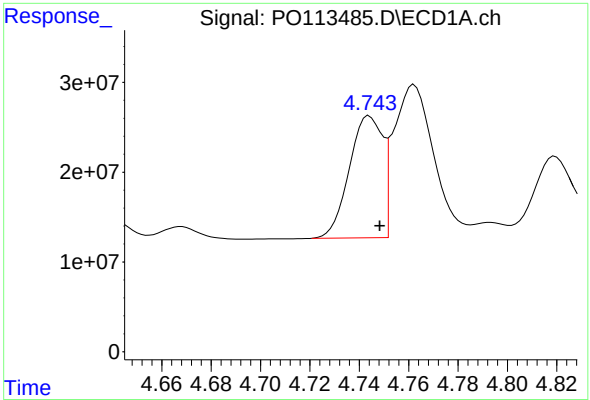
#2 Decachlorobiphenyl

R.T.: 8.675 min
Delta R.T.: -0.006 min
Response: 130410487
Conc: 18.81 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.620 min
Delta R.T.: -0.008 min
Response: 38829789
Conc: 20.49 ng/ml



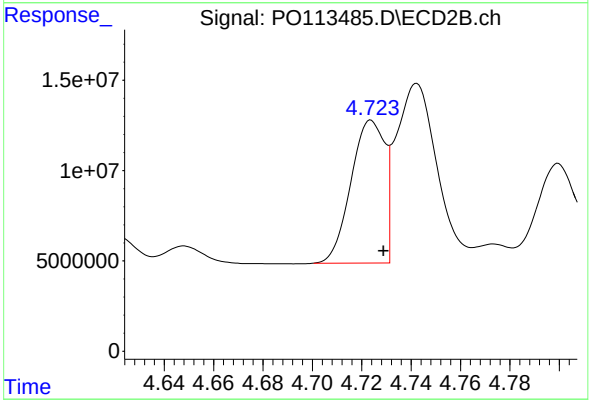
#3 AR-1016-1

R.T.: 4.744 min
Delta R.T.: -0.004 min
Response: 127406080
Conc: 477.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BSD

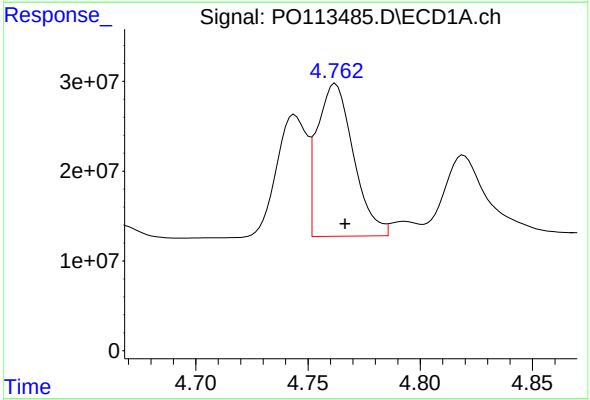
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



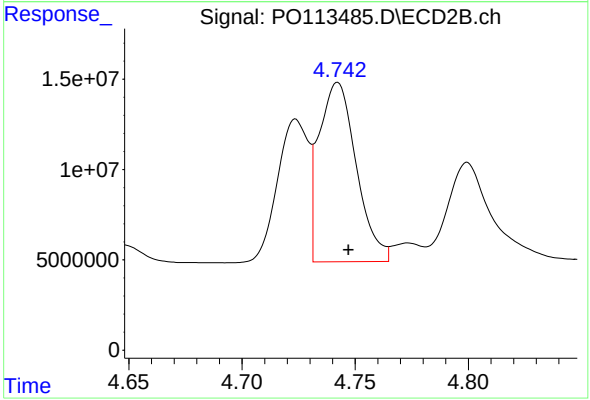
#3 AR-1016-1

R.T.: 4.724 min
Delta R.T.: -0.005 min
Response: 75153410
Conc: 440.59 ng/ml



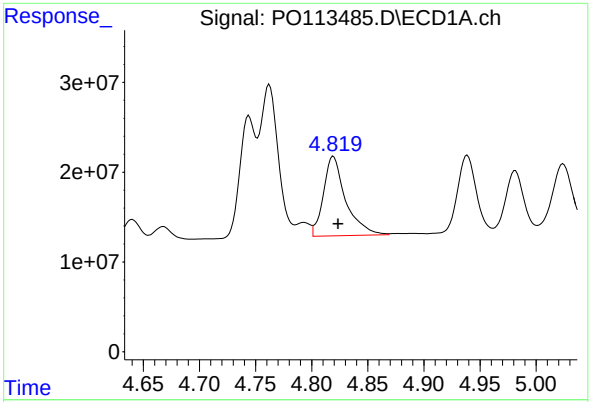
#4 AR-1016-2

R.T.: 4.762 min
Delta R.T.: -0.004 min
Response: 191714806
Conc: 477.58 ng/ml



#4 AR-1016-2

R.T.: 4.742 min
Delta R.T.: -0.005 min
Response: 114148188
Conc: 443.03 ng/ml



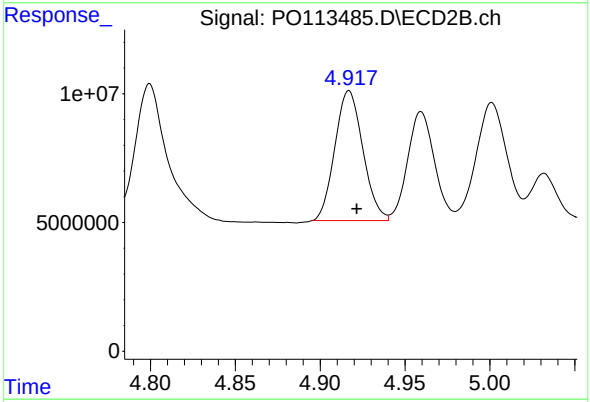
#5 AR-1016-3

R.T.: 4.819 min
Delta R.T.: -0.004 min
Response: 122128472
Conc: 478.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BSD

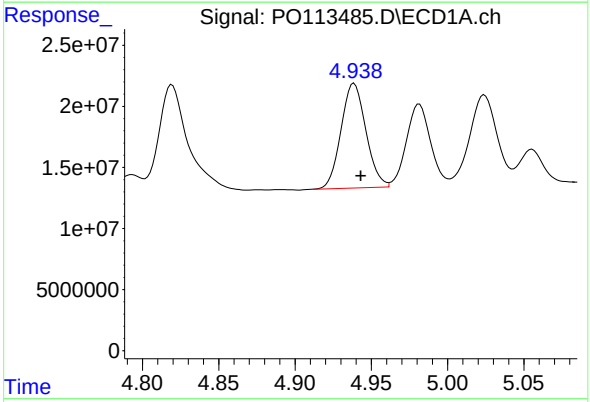
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



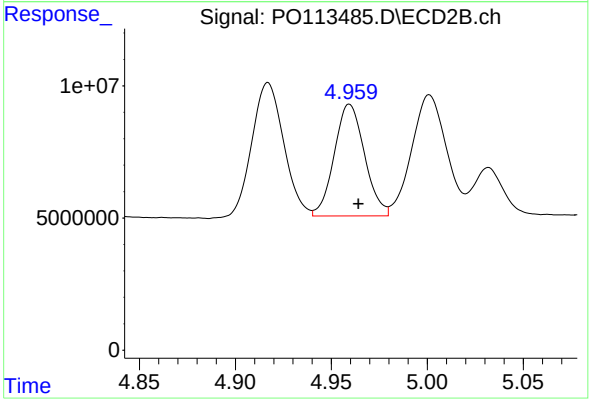
#5 AR-1016-3

R.T.: 4.917 min
Delta R.T.: -0.005 min
Response: 57976578
Conc: 415.26 ng/ml



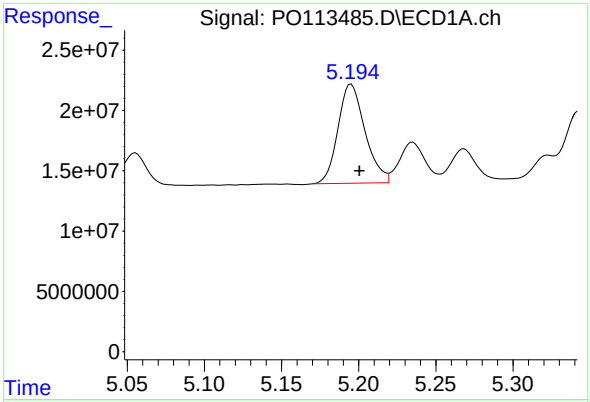
#6 AR-1016-4

R.T.: 4.938 min
Delta R.T.: -0.005 min
Response: 97206148
Conc: 445.76 ng/ml m



#6 AR-1016-4

R.T.: 4.959 min
Delta R.T.: -0.005 min
Response: 46591285
Conc: 399.24 ng/ml



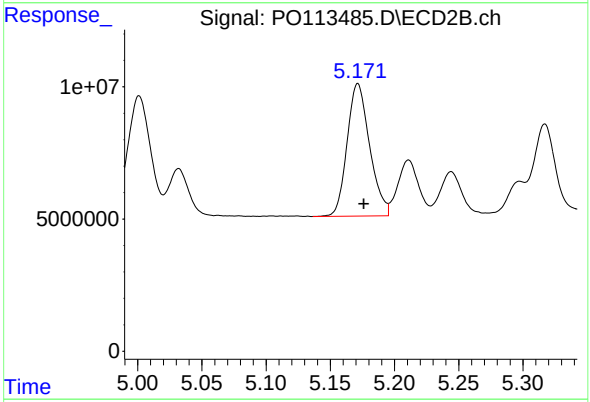
#7 AR-1016-5

R.T.: 5.195 min
Delta R.T.: -0.005 min
Response: 100258709
Conc: 452.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BSD

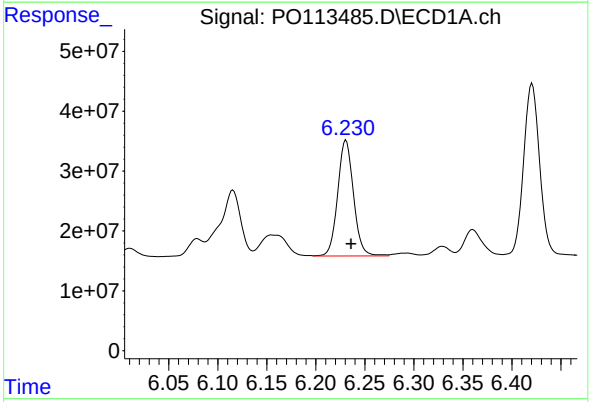
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



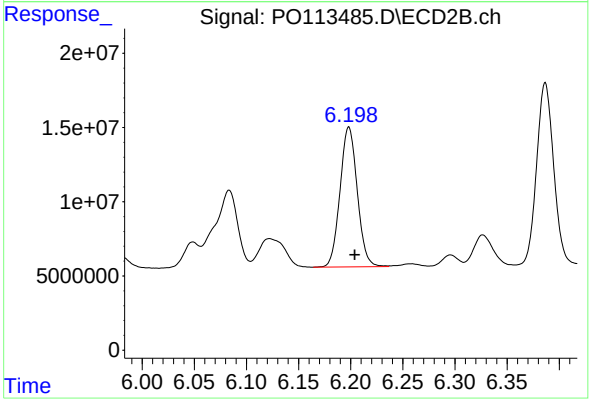
#7 AR-1016-5

R.T.: 5.171 min
Delta R.T.: -0.005 min
Response: 61173532
Conc: 429.20 ng/ml



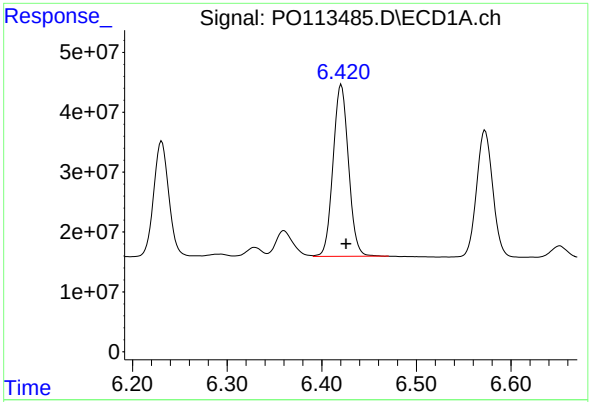
#31 AR-1260-1

R.T.: 6.231 min
Delta R.T.: -0.005 min
Response: 217404928
Conc: 487.48 ng/ml



#31 AR-1260-1

R.T.: 6.198 min
Delta R.T.: -0.006 min
Response: 108470388
Conc: 425.26 ng/ml



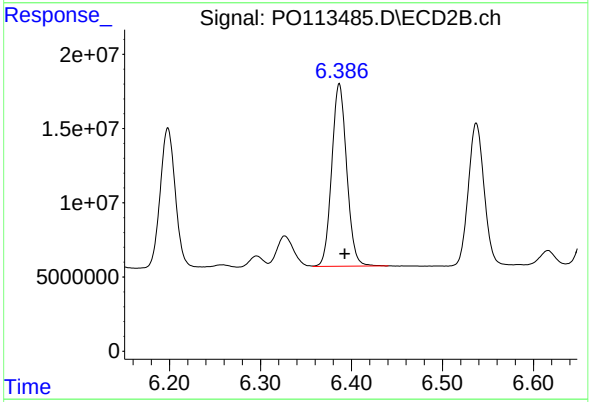
#32 AR-1260-2

R.T.: 6.421 min
Delta R.T.: -0.005 min
Response: 325234017
Conc: 473.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BSD

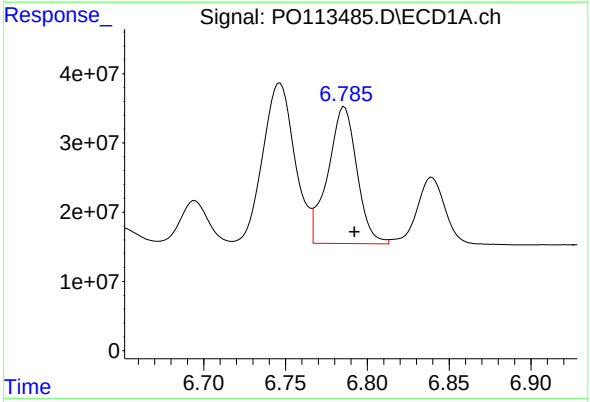
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



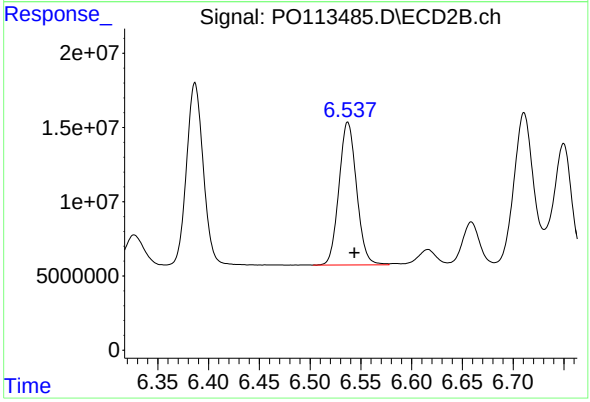
#32 AR-1260-2

R.T.: 6.387 min
Delta R.T.: -0.006 min
Response: 140808447
Conc: 407.30 ng/ml



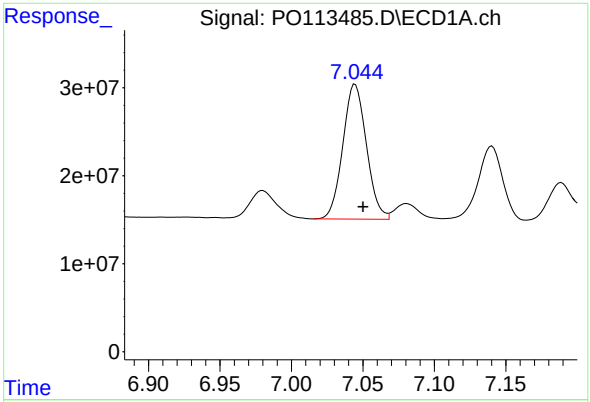
#33 AR-1260-3

R.T.: 6.786 min
Delta R.T.: -0.006 min
Response: 243115289
Conc: 393.73 ng/ml



#33 AR-1260-3

R.T.: 6.537 min
Delta R.T.: -0.006 min
Response: 116202733
Conc: 390.68 ng/ml



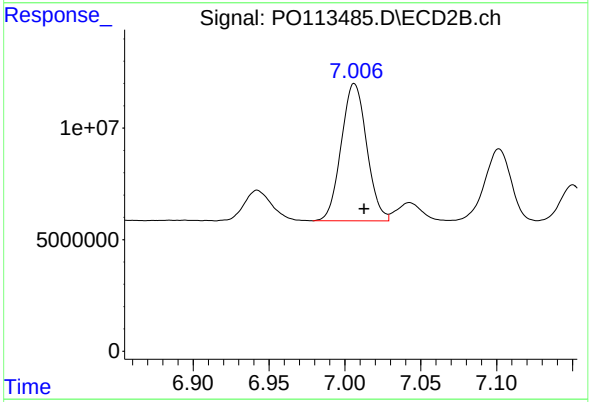
#34 AR-1260-4

R.T.: 7.045 min
Delta R.T.: -0.005 min
Response: 176138730
Conc: 393.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BSD

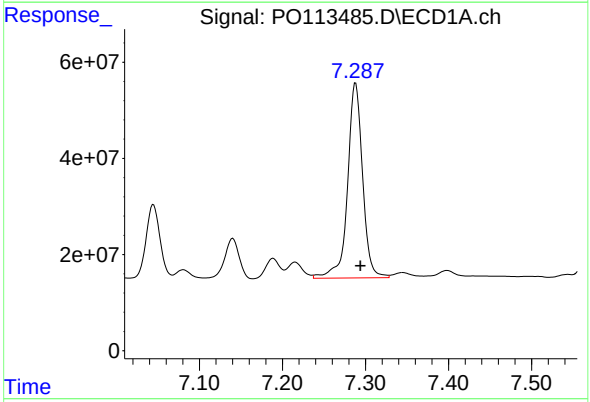
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



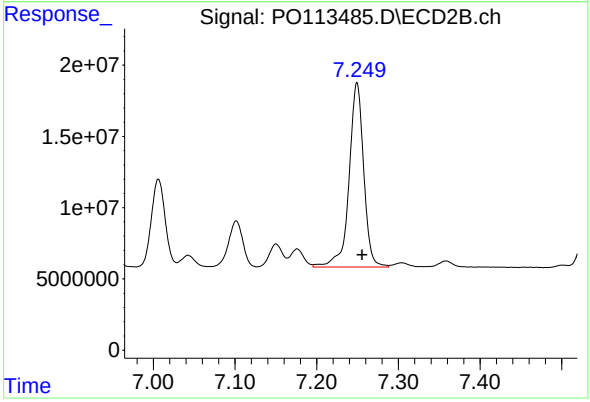
#34 AR-1260-4

R.T.: 7.006 min
Delta R.T.: -0.006 min
Response: 71922282
Conc: 347.03 ng/ml



#35 AR-1260-5

R.T.: 7.288 min
Delta R.T.: -0.006 min
Response: 511439221
Conc: 422.44 ng/ml



#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.006 min
Response: 161305796
Conc: 344.35 ng/ml

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Manual Integration Report

Sequence:	PO081825	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PO113007.D	AR-1260-1	yogesh	8/19/2025 7:25:57 AM	mohammad	8/20/2025 3:04:50	Peak Integrated by Software
AR1660ICC050	PO113007.D	AR-1260-2	yogesh	8/19/2025 7:25:57 AM	mohammad	8/20/2025 3:04:50	Peak Integrated by Software
AR1660ICC050	PO113007.D	AR-1260-3 #2	yogesh	8/19/2025 7:25:57 AM	mohammad	8/20/2025 3:04:50	Peak Integrated by Software
AR1242ICC050	PO113014.D	AR-1242-1	yogesh	8/19/2025 7:25:59 AM	mohammad	8/20/2025 3:04:50	Peak Integrated by Software
AR1242ICC050	PO113014.D	AR-1242-1 #2	yogesh	8/19/2025 7:25:59 AM	mohammad	8/20/2025 3:04:50	Peak Integrated by Software
AR1242ICC050	PO113014.D	AR-1242-2	yogesh	8/19/2025 7:25:59 AM	mohammad	8/20/2025 3:04:50	Peak Integrated by Software
AR1242ICC050	PO113014.D	AR-1242-5	yogesh	8/19/2025 7:25:59 AM	mohammad	8/20/2025 3:04:50	Peak Integrated by Software
AR1242ICC050	PO113014.D	AR-1242-5 #2	yogesh	8/19/2025 7:25:59 AM	mohammad	8/20/2025 3:04:50	Peak Integrated by Software
AR1254ICC050	PO113024.D	AR-1254-1 #2	yogesh	8/19/2025 7:26:00 AM	mohammad	8/20/2025 3:04:50	Peak Integrated by Software
AR1254ICC050	PO113024.D	AR-1254-2 #2	yogesh	8/19/2025 7:26:00 AM	mohammad	8/20/2025 3:04:50	Peak Integrated by Software
AR1254ICC050	PO113024.D	AR-1254-3 #2	yogesh	8/19/2025 7:26:00 AM	mohammad	8/20/2025 3:04:50	Peak Integrated by Software
AR1268ICC050	PO113030.D	AR-1268-5 #2	yogesh	8/19/2025 7:26:02 AM	mohammad	8/20/2025 3:04:50	Peak Integrated by Software
AR1268ICV500	PO113035.D	AR-1268-5 #2	yogesh	8/19/2025 7:26:03 AM	mohammad	8/20/2025 3:04:50	Peak Integrated by Software

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Manual Integration Report

Sequence:	PO081825	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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

Manual Integration Report

Sequence:	po090425	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC50 0	PO113449.D	AR-1016-4	yogesh	9/5/2025 8:03:34 AM	mohammad	9/8/2025 4:38:22	Peak Integrated by Software
AR1660CCC50 0	PO113449.D	Tetrachloro-m-xylene #2	yogesh	9/5/2025 8:03:34 AM	mohammad	9/8/2025 4:38:22	Peak Integrated by Software
AR1242CCC50 0	PO113450.D	AR-1242-2	yogesh	9/5/2025 8:03:36 AM	mohammad	9/8/2025 4:38:22	Peak Integrated by Software
AR1242CCC50 0	PO113450.D	AR-1242-4	yogesh	9/5/2025 8:03:36 AM	mohammad	9/8/2025 4:38:22	Peak Integrated by Software
AR1242CCC50 0	PO113450.D	AR-1242-5	yogesh	9/5/2025 8:03:36 AM	mohammad	9/8/2025 4:38:22	Peak Integrated by Software
AR1242CCC50 0	PO113450.D	Tetrachloro-m-xylene	yogesh	9/5/2025 8:03:36 AM	mohammad	9/8/2025 4:38:22	Peak Integrated by Software
AR1242CCC50 0	PO113450.D	Tetrachloro-m-xylene #2	yogesh	9/5/2025 8:03:36 AM	mohammad	9/8/2025 4:38:22	Peak Integrated by Software
AR1660CCC50 0	PO113463.D	AR-1016-4	yogesh	9/5/2025 8:03:53 AM	mohammad	9/8/2025 4:38:22	Peak Integrated by Software
AR1660CCC50 0	PO113463.D	Tetrachloro-m-xylene #2	yogesh	9/5/2025 8:03:53 AM	mohammad	9/8/2025 4:38:22	Peak Integrated by Software
AR1242CCC50 0	PO113464.D	AR-1242-4	yogesh	9/5/2025 8:03:55 AM	mohammad	9/8/2025 4:38:22	Peak Integrated by Software
AR1254CCC50 0	PO113466.D	AR-1254-3	yogesh	9/5/2025 8:03:57 AM	mohammad	9/8/2025 4:38:22	Peak Integrated by Software
I.BLK	PO113467.D	Tetrachloro-m-xylene #2	yogesh	9/5/2025 8:03:59 AM	mohammad	9/8/2025 4:38:22	Peak Integrated by Software
AR1660CCC50 0	PO113478.D	AR-1016-4	yogesh	9/5/2025 8:04:16 AM	mohammad	9/8/2025 4:38:22	Peak Integrated by Software

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Manual Integration Report

Sequence:	po090425	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PO113479.D	AR-1242-4	yogesh	9/5/2025 8:04:20 AM	mohammad	9/8/2025 4:38:22	Peak Integrated by Software
PB169547BS	PO113484.D	AR-1016-4	yogesh	9/5/2025 8:04:21 AM	mohammad	9/8/2025 4:38:22	Peak Integrated by Software
PB169547BSD	PO113485.D	AR-1016-4	yogesh	9/5/2025 8:04:23 AM	mohammad	9/8/2025 4:38:22	Peak Integrated by Software
AR1660CCC500	PO113488.D	AR-1016-4	yogesh	9/5/2025 8:04:25 AM	mohammad	9/8/2025 4:38:22	Peak Integrated by Software
AR1660CCC500	PO113488.D	AR-1016-5	yogesh	9/5/2025 8:04:25 AM	mohammad	9/8/2025 4:38:22	Peak Integrated by Software
AR1660CCC500	PO113488.D	AR-1260-1	yogesh	9/5/2025 8:04:25 AM	mohammad	9/8/2025 4:38:22	Peak Integrated by Software
AR1242CCC500	PO113489.D	AR-1242-3 #2	yogesh	9/5/2025 8:04:27 AM	mohammad	9/8/2025 4:38:22	Peak Integrated by Software
AR1242CCC500	PO113489.D	AR-1242-4	yogesh	9/5/2025 8:04:27 AM	mohammad	9/8/2025 4:38:22	Peak Integrated by Software
AR1242CCC500	PO113489.D	Tetrachloro-m-xylene	yogesh	9/5/2025 8:04:27 AM	mohammad	9/8/2025 4:38:22	Peak Integrated by Software
AR1248CCC500	PO113490.D	AR-1248-3	yogesh	9/5/2025 8:04:29 AM	mohammad	9/8/2025 4:38:22	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP081925	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PP074495.D	AR-1016-1	yogesh	8/20/2025 8:01:00 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1660ICC050	PP074495.D	AR-1016-2	yogesh	8/20/2025 8:01:00 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1660ICC050	PP074495.D	AR-1016-3	yogesh	8/20/2025 8:01:00 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1660ICC050	PP074495.D	AR-1016-4	yogesh	8/20/2025 8:01:00 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1660ICC050	PP074495.D	AR-1260-3	yogesh	8/20/2025 8:01:00 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1660ICC050	PP074495.D	AR-1260-4	yogesh	8/20/2025 8:01:00 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1660ICC050	PP074495.D	AR-1260-4 #2	yogesh	8/20/2025 8:01:00 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1660ICC050	PP074495.D	AR-1260-5 #2	yogesh	8/20/2025 8:01:00 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1232ICC500	PP074497.D	AR-1232-4 #2	yogesh	8/20/2025 8:01:58 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1242ICC1000	PP074498.D	AR-1242-4 #2	yogesh	8/20/2025 8:01:02 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1242ICC750	PP074499.D	AR-1242-4 #2	yogesh	8/20/2025 8:01:03 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1242ICC500	PP074500.D	AR-1242-4 #2	yogesh	8/20/2025 8:01:05 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1242ICC250	PP074501.D	AR-1242-4 #2	yogesh	8/20/2025 8:01:08 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP081925	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242ICC050	PP074502.D	AR-1242-1	yogesh	8/20/2025 8:01:10 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1242ICC050	PP074502.D	AR-1242-2	yogesh	8/20/2025 8:01:10 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1242ICC050	PP074502.D	AR-1242-3	yogesh	8/20/2025 8:01:10 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1242ICC050	PP074502.D	AR-1242-4	yogesh	8/20/2025 8:01:10 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1242ICC050	PP074502.D	AR-1242-4 #2	yogesh	8/20/2025 8:01:10 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1242ICC050	PP074502.D	AR-1242-5	yogesh	8/20/2025 8:01:10 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1248ICC1000	PP074503.D	AR-1248-3 #2	yogesh	8/20/2025 8:01:12 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1248ICC750	PP074504.D	AR-1248-3 #2	yogesh	8/20/2025 8:01:14 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1248ICC500	PP074505.D	AR-1248-3 #2	yogesh	8/20/2025 8:01:16 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1248ICC250	PP074506.D	AR-1248-3 #2	yogesh	8/20/2025 8:01:18 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1248ICC050	PP074507.D	AR-1248-2	yogesh	8/20/2025 8:01:20 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1248ICC050	PP074507.D	AR-1248-5	yogesh	8/20/2025 8:01:20 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1248ICC050	PP074507.D	AR-1248-5 #2	yogesh	8/20/2025 8:01:20 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP081925	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254ICC1000	PP074508.D	AR-1254-1	yogesh	8/20/2025 8:01:25 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1254ICC1000	PP074508.D	AR-1254-5 #2	yogesh	8/20/2025 8:01:25 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1254ICC750	PP074509.D	AR-1254-1	yogesh	8/20/2025 8:01:23 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1254ICC750	PP074509.D	AR-1254-5 #2	yogesh	8/20/2025 8:01:23 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1254ICC500	PP074510.D	AR-1254-1	yogesh	8/20/2025 8:01:31 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1254ICC250	PP074511.D	AR-1254-1	yogesh	8/20/2025 8:01:33 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1254ICC050	PP074512.D	AR-1254-1	yogesh	8/20/2025 8:01:34 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1254ICC050	PP074512.D	AR-1254-3	yogesh	8/20/2025 8:01:34 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1268ICC050	PP074518.D	Tetrachloro-m-xylene #2	yogesh	8/20/2025 8:01:36 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1242ICV500	PP074520.D	AR-1242-4 #2	yogesh	8/20/2025 8:01:38 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1242ICV500	PP074520.D	AR-1242-5 #2	yogesh	8/20/2025 8:01:38 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1248ICV500	PP074521.D	AR-1248-3 #2	yogesh	8/20/2025 8:01:40 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1254ICV500	PP074522.D	AR-1254-1	yogesh	8/20/2025 8:01:41 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP081925	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:	pp090525	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP074886.D	Tetrachloro-m-xylene #2	yogesh	9/8/2025 7:42:40 AM	mohammad	9/8/2025 8:00:30	Peak Integrated by Software
Q3017-02	PP074893.D	Tetrachloro-m-xylene #2	yogesh	9/8/2025 7:42:48 AM	mohammad	9/8/2025 8:00:30	Peak Integrated by Software
Q3017-03	PP074894.D	Tetrachloro-m-xylene #2	yogesh	9/8/2025 7:42:51 AM	mohammad	9/8/2025 8:00:30	Peak Integrated by Software
Q3017-04	PP074895.D	Tetrachloro-m-xylene #2	yogesh	9/8/2025 7:42:56 AM	mohammad	9/8/2025 8:00:30	Peak Integrated by Software
Q3017-05	PP074896.D	Tetrachloro-m-xylene #2	yogesh	9/8/2025 7:42:58 AM	mohammad	9/8/2025 8:00:30	Peak Integrated by Software
AR1660CCC500	PP074897.D	Tetrachloro-m-xylene #2	yogesh	9/8/2025 7:43:04 AM	mohammad	9/8/2025 8:00:30	Peak Integrated by Software
AR1660CCC500	PP074925.D	Tetrachloro-m-xylene #2	yogesh	9/8/2025 7:43:36 AM	mohammad	9/8/2025 8:00:30	Peak Integrated by Software
AR1660CCC500	PP074939.D	Tetrachloro-m-xylene #2	yogesh	9/8/2025 7:43:59 AM	mohammad	9/8/2025 8:00:30	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO081825

Review By	yogesh	Review On	8/18/2025 10:23:59 AM		
Supervise By	mohammad	Supervise On	8/20/2025 3:04:50 AM		
SubDirectory	PO081825	HP Acquire Method		HP Processing Method	PO081825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP2416,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829, PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844 ,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO113001.D	18 Aug 2025 09:16	YP/AJ	Ok
2	I.BLK	PO113002.D	18 Aug 2025 09:34	YP/AJ	Ok
3	AR1660ICC1000	PO113003.D	18 Aug 2025 09:53	YP/AJ	Ok
4	AR1660ICC750	PO113004.D	18 Aug 2025 10:11	YP/AJ	Ok
5	AR1660ICC500	PO113005.D	18 Aug 2025 10:29	YP/AJ	Ok
6	AR1660ICC250	PO113006.D	18 Aug 2025 10:48	YP/AJ	Ok
7	AR1660ICC050	PO113007.D	18 Aug 2025 11:06	YP/AJ	Ok,M
8	AR1221ICC500	PO113008.D	18 Aug 2025 11:25	YP/AJ	Ok
9	AR1232ICC500	PO113009.D	18 Aug 2025 11:43	YP/AJ	Ok
10	AR1242ICC1000	PO113010.D	18 Aug 2025 12:01	YP/AJ	Ok
11	AR1242ICC750	PO113011.D	18 Aug 2025 12:20	YP/AJ	Ok
12	AR1242ICC500	PO113012.D	18 Aug 2025 12:38	YP/AJ	Ok
13	AR1242ICC250	PO113013.D	18 Aug 2025 12:57	YP/AJ	Ok
14	AR1242ICC050	PO113014.D	18 Aug 2025 13:15	YP/AJ	Ok,M
15	AR1248ICC1000	PO113015.D	18 Aug 2025 13:34	YP/AJ	Ok
16	AR1248ICC750	PO113016.D	18 Aug 2025 13:52	YP/AJ	Ok
17	AR1248ICC500	PO113017.D	18 Aug 2025 14:09	YP/AJ	Ok
18	AR1248ICC250	PO113018.D	18 Aug 2025 14:28	YP/AJ	Ok
19	AR1248ICC050	PO113019.D	18 Aug 2025 14:46	YP/AJ	Ok
20	AR1254ICC1000	PO113020.D	18 Aug 2025 15:05	YP/AJ	Ok
21	AR1254ICC750	PO113021.D	18 Aug 2025 15:23	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO081825

Review By	yogesh	Review On	8/18/2025 10:23:59 AM		
Supervise By	mohammad	Supervise On	8/20/2025 3:04:50 AM		
SubDirectory	PO081825	HP Acquire Method		HP Processing Method	PO081825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP2416,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829, PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844 ,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	AR1254ICC500	PO113022.D	18 Aug 2025 15:41	YP/AJ	Ok
23	AR1254ICC250	PO113023.D	18 Aug 2025 16:00	YP/AJ	Ok
24	AR1254ICC050	PO113024.D	18 Aug 2025 16:18	YP/AJ	Ok,M
25	AR1262ICC500	PO113025.D	18 Aug 2025 16:54	YP/AJ	Ok
26	AR1268ICC1000	PO113026.D	18 Aug 2025 17:12	YP/AJ	Ok
27	AR1268ICC750	PO113027.D	18 Aug 2025 17:30	YP/AJ	Ok
28	AR1268ICC500	PO113028.D	18 Aug 2025 17:48	YP/AJ	Ok
29	AR1268ICC250	PO113029.D	18 Aug 2025 18:06	YP/AJ	Ok
30	AR1268ICC050	PO113030.D	18 Aug 2025 18:24	YP/AJ	Ok,M
31	PO081825ICV500	PO113031.D	18 Aug 2025 18:43	YP/AJ	Ok
32	AR1242ICV500	PO113032.D	18 Aug 2025 19:37	YP/AJ	Ok
33	AR1248ICV500	PO113033.D	18 Aug 2025 19:54	YP/AJ	Ok
34	AR1254ICV500	PO113034.D	18 Aug 2025 20:31	YP/AJ	Ok
35	AR1268ICV500	PO113035.D	18 Aug 2025 21:07	YP/AJ	Ok,M
36	DDT ANALOG	PO113036.D	18 Aug 2025 21:44	YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO090425

Review By	yogesh	Review On	9/4/2025 10:39:01 AM		
Supervise By	mohammad	Supervise On	9/8/2025 4:38:22 AM		
SubDirectory	PO090425	HP Acquire Method		HP Processing Method	PO081825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO113448.D	04 Sep 2025 08:36	YP/AJ	Ok
2	AR1660CCC500	PO113449.D	04 Sep 2025 08:54	YP/AJ	Ok,M
3	AR1242CCC500	PO113450.D	04 Sep 2025 09:14	YP/AJ	Ok,M
4	AR1248CCC500	PO113451.D	04 Sep 2025 09:31	YP/AJ	Ok
5	AR1254CCC500	PO113452.D	04 Sep 2025 09:49	YP/AJ	Ok
6	I.BLK	PO113453.D	04 Sep 2025 10:08	YP/AJ	Ok
7	PB169532BL	PO113454.D	04 Sep 2025 10:26	YP/AJ	Ok
8	Q2893-01	PO113455.D	04 Sep 2025 10:45	YP/AJ	Ok,M
9	Q2893-01	PO113456.D	04 Sep 2025 11:03	YP/AJ	Ok,M
10	Q2893-01	PO113457.D	04 Sep 2025 11:21	YP/AJ	Ok,M
11	Q2893-01	PO113458.D	04 Sep 2025 11:40	YP/AJ	Ok,M
12	Q2893-01	PO113459.D	04 Sep 2025 11:58	YP/AJ	Ok,M
13	Q2893-01	PO113460.D	04 Sep 2025 12:16	YP/AJ	Ok,M
14	Q2893-01	PO113461.D	04 Sep 2025 12:34	YP/AJ	Ok
15	Q2893-01	PO113462.D	04 Sep 2025 12:53	YP/AJ	Ok,M
16	AR1660CCC500	PO113463.D	04 Sep 2025 13:30	YP/AJ	Ok,M
17	AR1242CCC500	PO113464.D	04 Sep 2025 13:48	YP/AJ	Ok,M
18	AR1248CCC500	PO113465.D	04 Sep 2025 14:07	YP/AJ	Ok
19	AR1254CCC500	PO113466.D	04 Sep 2025 14:24	YP/AJ	Ok,M
20	I.BLK	PO113467.D	04 Sep 2025 14:42	YP/AJ	Ok,M
21	PB169546BL	PO113468.D	04 Sep 2025 15:00	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO090425

Review By	yogesh	Review On	9/4/2025 10:39:01 AM		
Supervise By	mohammad	Supervise On	9/8/2025 4:38:22 AM		
SubDirectory	PO090425	HP Acquire Method		HP Processing Method	PO081825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PB169546BS	PO113469.D	04 Sep 2025 15:17	YP/AJ	Ok,M
23	Q3003-01	PO113470.D	04 Sep 2025 15:36	YP/AJ	Not Ok
24	Q3003-01MS	PO113471.D	04 Sep 2025 15:53	YP/AJ	Not Ok
25	Q3003-01MSD	PO113472.D	04 Sep 2025 16:11	YP/AJ	Not Ok
26	Q3004-02	PO113473.D	04 Sep 2025 16:28	YP/AJ	Ok,M
27	Q3009-01	PO113474.D	04 Sep 2025 16:45	YP/AJ	Ok,M
28	Q3004-04	PO113475.D	04 Sep 2025 17:03	YP/AJ	ReRun
29	Q3017-02	PO113476.D	04 Sep 2025 17:21	YP/AJ	ReRun
30	Q3017-03	PO113477.D	04 Sep 2025 17:39	YP/AJ	ReRun
31	AR1660CCC500	PO113478.D	04 Sep 2025 18:49	YP/AJ	Ok,M
32	AR1242CCC500	PO113479.D	04 Sep 2025 19:44	YP/AJ	Ok,M
33	AR1248CCC500	PO113480.D	04 Sep 2025 20:03	YP/AJ	Ok
34	AR1254CCC500	PO113481.D	04 Sep 2025 20:20	YP/AJ	Ok
35	I.BLK	PO113482.D	04 Sep 2025 20:39	YP/AJ	Ok
36	PB169547BL	PO113483.D	04 Sep 2025 20:56	YP/AJ	Ok
37	PB169547BS	PO113484.D	04 Sep 2025 21:15	YP/AJ	Ok,M
38	PB169547BSD	PO113485.D	04 Sep 2025 21:33	YP/AJ	Ok,M
39	Q3017-04	PO113486.D	04 Sep 2025 21:50	YP/AJ	ReRun
40	Q3017-05	PO113487.D	04 Sep 2025 22:09	YP/AJ	ReRun
41	AR1660CCC500	PO113488.D	04 Sep 2025 23:23	YP/AJ	Ok,M
42	AR1242CCC500	PO113489.D	05 Sep 2025 00:18	YP/AJ	Ok,M
43	AR1248CCC500	PO113490.D	05 Sep 2025 00:36	YP/AJ	Ok,M
44	AR1254CCC500	PO113491.D	05 Sep 2025 00:54	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO090425

Review By	yogesh	Review On	9/4/2025 10:39:01 AM		
Supervise By	mohammad	Supervise On	9/8/2025 4:38:22 AM		
SubDirectory	PO090425	HP Acquire Method		HP Processing Method	PO081825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP2484 4,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	I.BLK	PO113492.D	05 Sep 2025 01:12	YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP081925

Review By	yogesh	Review On	8/19/2025 10:38:23 AM		
Supervise By	mohammad	Supervise On	8/21/2025 1:31:42 AM		
SubDirectory	PP081925	HP Acquire Method		HP Processing Method	PP081925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP2416,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829, PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844 ,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP074489.D	19 Aug 2025 09:30	YP\AJ	Ok
2	I.BLK	PP074490.D	19 Aug 2025 09:46	YP\AJ	Ok
3	AR1660ICC1000	PP074491.D	19 Aug 2025 10:02	YP\AJ	Ok
4	AR1660ICC750	PP074492.D	19 Aug 2025 10:18	YP\AJ	Ok
5	AR1660ICC500	PP074493.D	19 Aug 2025 10:34	YP\AJ	Ok
6	AR1660ICC250	PP074494.D	19 Aug 2025 10:51	YP\AJ	Ok
7	AR1660ICC050	PP074495.D	19 Aug 2025 11:07	YP\AJ	Ok,M
8	AR1221ICC500	PP074496.D	19 Aug 2025 11:23	YP\AJ	Ok
9	AR1232ICC500	PP074497.D	19 Aug 2025 11:39	YP\AJ	Ok,M
10	AR1242ICC1000	PP074498.D	19 Aug 2025 11:55	YP\AJ	Ok,M
11	AR1242ICC750	PP074499.D	19 Aug 2025 12:12	YP\AJ	Ok,M
12	AR1242ICC500	PP074500.D	19 Aug 2025 12:28	YP\AJ	Ok,M
13	AR1242ICC250	PP074501.D	19 Aug 2025 12:44	YP\AJ	Ok,M
14	AR1242ICC050	PP074502.D	19 Aug 2025 13:00	YP\AJ	Ok,M
15	AR1248ICC1000	PP074503.D	19 Aug 2025 13:16	YP\AJ	Ok,M
16	AR1248ICC750	PP074504.D	19 Aug 2025 13:33	YP\AJ	Ok,M
17	AR1248ICC500	PP074505.D	19 Aug 2025 13:49	YP\AJ	Ok,M
18	AR1248ICC250	PP074506.D	19 Aug 2025 14:05	YP\AJ	Ok,M
19	AR1248ICC050	PP074507.D	19 Aug 2025 14:21	YP\AJ	Ok,M
20	AR1254ICC1000	PP074508.D	19 Aug 2025 14:37	YP\AJ	Ok,M
21	AR1254ICC750	PP074509.D	19 Aug 2025 14:53	YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP081925

Review By	yogesh	Review On	8/19/2025 10:38:23 AM		
Supervise By	mohammad	Supervise On	8/21/2025 1:31:42 AM		
SubDirectory	PP081925	HP Acquire Method		HP Processing Method	PP081925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP2416,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829, PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844 ,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	AR1254ICC500	PP074510.D	19 Aug 2025 15:10	YP\AJ	Ok,M
23	AR1254ICC250	PP074511.D	19 Aug 2025 15:42	YP\AJ	Ok,M
24	AR1254ICC050	PP074512.D	19 Aug 2025 15:58	YP\AJ	Ok,M
25	AR1262ICC500	PP074513.D	19 Aug 2025 16:14	YP\AJ	Ok
26	AR1268ICC1000	PP074514.D	19 Aug 2025 16:31	YP\AJ	Ok
27	AR1268ICC750	PP074515.D	19 Aug 2025 16:47	YP\AJ	Ok
28	AR1268ICC500	PP074516.D	19 Aug 2025 17:03	YP\AJ	Ok
29	AR1268ICC250	PP074517.D	19 Aug 2025 17:19	YP\AJ	Ok
30	AR1268ICC050	PP074518.D	19 Aug 2025 17:36	YP\AJ	Ok,M
31	PP081925ICV500	PP074519.D	19 Aug 2025 17:52	YP\AJ	Ok
32	AR1242ICV500	PP074520.D	19 Aug 2025 19:13	YP\AJ	Ok,M
33	AR1248ICV500	PP074521.D	19 Aug 2025 19:29	YP\AJ	Ok,M
34	AR1254ICV500	PP074522.D	19 Aug 2025 20:18	YP\AJ	Ok,M
35	AR1268ICV500	PP074523.D	19 Aug 2025 21:07	YP\AJ	Ok
36	DDT ANALOG	PP074524.D	19 Aug 2025 21:55	YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP090525

Review By	yogesh	Review On	9/5/2025 11:08:21 AM		
Supervise By	mohammad	Supervise On	9/8/2025 8:00:30 AM		
SubDirectory	PP090525	HP Acquire Method		HP Processing Method	PP081925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP074885.D	05 Sep 2025 08:24	YP\AJ	Ok
2	AR1660CCC500	PP074886.D	05 Sep 2025 08:40	YP\AJ	Ok,M
3	I.BLK	PP074887.D	05 Sep 2025 09:09	YP\AJ	Ok
4	PB169547BL	PP074888.D	05 Sep 2025 09:25	YP\AJ	Not Ok
5	Q2893-01	PP074889.D	05 Sep 2025 10:19	YP\AJ	Ok,M
6	Q2893-01	PP074890.D	05 Sep 2025 10:35	YP\AJ	Not Ok
7	Q2893-07	PP074891.D	05 Sep 2025 10:57	YP\AJ	Ok,M
8	Q2893-07	PP074892.D	05 Sep 2025 11:14	YP\AJ	Not Ok
9	Q3017-02	PP074893.D	05 Sep 2025 11:30	YP\AJ	Ok,M
10	Q3017-03	PP074894.D	05 Sep 2025 11:46	YP\AJ	Ok,M
11	Q3017-04	PP074895.D	05 Sep 2025 12:02	YP\AJ	Ok,M
12	Q3017-05	PP074896.D	05 Sep 2025 12:19	YP\AJ	Ok,M
13	AR1660CCC500	PP074897.D	05 Sep 2025 12:51	YP\AJ	Ok,M
14	I.BLK	PP074898.D	05 Sep 2025 13:07	YP\AJ	Ok
15	PB169548BL	PP074899.D	05 Sep 2025 13:24	YP\AJ	Ok
16	Q2893-03	PP074900.D	05 Sep 2025 13:40	YP\AJ	Ok,M
17	Q2893-03	PP074901.D	05 Sep 2025 13:56	YP\AJ	Ok,M
18	Q2893-03	PP074902.D	05 Sep 2025 14:13	YP\AJ	Ok,M
19	Q2893-03	PP074903.D	05 Sep 2025 14:29	YP\AJ	Ok,M
20	Q2893-03	PP074904.D	05 Sep 2025 14:45	YP\AJ	Not Ok
21	Q2893-03	PP074905.D	05 Sep 2025 15:02	YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP090525

Review By	yogesh	Review On	9/5/2025 11:08:21 AM		
Supervise By	mohammad	Supervise On	9/8/2025 8:00:30 AM		
SubDirectory	PP090525	HP Acquire Method		HP Processing Method	PP081925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP2484 4,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	AR1660CCC500	PP074906.D	05 Sep 2025 15:51	YP\AJ	Ok
23	I.BLK	PP074907.D	05 Sep 2025 16:07	YP\AJ	Ok
24	Q2893-02	PP074908.D	05 Sep 2025 16:23	YP\AJ	Ok,M
25	Q2893-02	PP074909.D	05 Sep 2025 16:40	YP\AJ	Ok,M
26	Q2893-02	PP074910.D	05 Sep 2025 16:56	YP\AJ	Ok
27	Q2893-02	PP074911.D	05 Sep 2025 17:12	YP\AJ	Ok,M
28	Q2893-02	PP074912.D	05 Sep 2025 17:28	YP\AJ	Ok,M
29	Q2893-02	PP074913.D	05 Sep 2025 17:45	YP\AJ	Ok,M
30	Q2893-02	PP074914.D	05 Sep 2025 18:01	YP\AJ	Ok
31	Q2893-02	PP074915.D	05 Sep 2025 18:17	YP\AJ	Ok
32	AR1660CCC500	PP074916.D	05 Sep 2025 18:50	YP\AJ	Ok
33	I.BLK	PP074917.D	05 Sep 2025 19:39	YP\AJ	Ok
34	PB169548BL	PP074918.D	05 Sep 2025 19:55	YP\AJ	Ok
35	Q2893-09	PP074919.D	05 Sep 2025 20:12	YP\AJ	Ok,M
36	Q2893-09	PP074920.D	05 Sep 2025 20:28	YP\AJ	Ok,M
37	Q2893-09	PP074921.D	05 Sep 2025 20:44	YP\AJ	Ok,M
38	Q2893-09	PP074922.D	05 Sep 2025 21:00	YP\AJ	Not Ok
39	Q2893-09	PP074923.D	05 Sep 2025 21:17	YP\AJ	Ok,M
40	Q2893-09	PP074924.D	05 Sep 2025 21:33	YP\AJ	Ok,M
41	AR1660CCC500	PP074925.D	05 Sep 2025 22:22	YP\AJ	Ok,M
42	I.BLK	PP074926.D	05 Sep 2025 22:54	YP\AJ	Ok
43	Q2893-08	PP074927.D	05 Sep 2025 23:11	YP\AJ	Ok,M
44	Q2893-08	PP074928.D	05 Sep 2025 23:27	YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP090525

Review By	yogesh	Review On	9/5/2025 11:08:21 AM		
Supervise By	mohammad	Supervise On	9/8/2025 8:00:30 AM		
SubDirectory	PP090525	HP Acquire Method		HP Processing Method	PP081925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP2484 4,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	Q2893-08	PP074929.D	05 Sep 2025 23:43	YP\AJ	Ok,M
46	Q2893-08	PP074930.D	05 Sep 2025 23:59	YP\AJ	Ok,M
47	Q2893-08	PP074931.D	06 Sep 2025 00:16	YP\AJ	Ok,M
48	Q2893-08	PP074932.D	06 Sep 2025 00:32	YP\AJ	Not Ok
49	Q2893-08	PP074933.D	06 Sep 2025 00:48	YP\AJ	Not Ok
50	Q2893-08	PP074934.D	06 Sep 2025 01:05	YP\AJ	Not Ok
51	AR1660CCC500	PP074935.D	06 Sep 2025 01:54	YP\AJ	Ok
52	I.BLK	PP074936.D	06 Sep 2025 02:25	YP\AJ	Ok
53	Q2893-03	PP074937.D	06 Sep 2025 02:41	YP\AJ	Not Ok
54	Q2893-03	PP074938.D	06 Sep 2025 02:58	YP\AJ	Ok,M
55	AR1660CCC500	PP074939.D	06 Sep 2025 03:47	YP\AJ	Ok,M
56	I.BLK	PP074940.D	06 Sep 2025 04:35	YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO081825

Review By	yogesh	Review On	8/18/2025 10:23:59 AM		
Supervise By	mohammad	Supervise On	8/20/2025 3:04:50 AM		
SubDirectory	PO081825	HP Acquire Method		HP Processing Method	PO081825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP2416,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO113001.D	18 Aug 2025 09:16		YP/AJ	Ok
2	I.BLK	I.BLK	PO113002.D	18 Aug 2025 09:34		YP/AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PO113003.D	18 Aug 2025 09:53		YP/AJ	Ok
4	AR1660ICC750	AR1660ICC750	PO113004.D	18 Aug 2025 10:11		YP/AJ	Ok
5	AR1660ICC500	AR1660ICC500	PO113005.D	18 Aug 2025 10:29		YP/AJ	Ok
6	AR1660ICC250	AR1660ICC250	PO113006.D	18 Aug 2025 10:48		YP/AJ	Ok
7	AR1660ICC050	AR1660ICC050	PO113007.D	18 Aug 2025 11:06		YP/AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PO113008.D	18 Aug 2025 11:25		YP/AJ	Ok
9	AR1232ICC500	AR1232ICC500	PO113009.D	18 Aug 2025 11:43		YP/AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PO113010.D	18 Aug 2025 12:01		YP/AJ	Ok
11	AR1242ICC750	AR1242ICC750	PO113011.D	18 Aug 2025 12:20		YP/AJ	Ok
12	AR1242ICC500	AR1242ICC500	PO113012.D	18 Aug 2025 12:38		YP/AJ	Ok
13	AR1242ICC250	AR1242ICC250	PO113013.D	18 Aug 2025 12:57		YP/AJ	Ok
14	AR1242ICC050	AR1242ICC050	PO113014.D	18 Aug 2025 13:15		YP/AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PO113015.D	18 Aug 2025 13:34		YP/AJ	Ok
16	AR1248ICC750	AR1248ICC750	PO113016.D	18 Aug 2025 13:52		YP/AJ	Ok
17	AR1248ICC500	AR1248ICC500	PO113017.D	18 Aug 2025 14:09		YP/AJ	Ok
18	AR1248ICC250	AR1248ICC250	PO113018.D	18 Aug 2025 14:28		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO081825

Review By	yogesh	Review On	8/18/2025 10:23:59 AM		
Supervise By	mohammad	Supervise On	8/20/2025 3:04:50 AM		
SubDirectory	PO081825	HP Acquire Method		HP Processing Method	PO081825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP2416,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248ICC050	AR1248ICC050	PO113019.D	18 Aug 2025 14:46		YP/AJ	Ok
20	AR1254ICC1000	AR1254ICC1000	PO113020.D	18 Aug 2025 15:05		YP/AJ	Ok
21	AR1254ICC750	AR1254ICC750	PO113021.D	18 Aug 2025 15:23		YP/AJ	Ok
22	AR1254ICC500	AR1254ICC500	PO113022.D	18 Aug 2025 15:41		YP/AJ	Ok
23	AR1254ICC250	AR1254ICC250	PO113023.D	18 Aug 2025 16:00		YP/AJ	Ok
24	AR1254ICC050	AR1254ICC050	PO113024.D	18 Aug 2025 16:18		YP/AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PO113025.D	18 Aug 2025 16:54		YP/AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PO113026.D	18 Aug 2025 17:12		YP/AJ	Ok
27	AR1268ICC750	AR1268ICC750	PO113027.D	18 Aug 2025 17:30		YP/AJ	Ok
28	AR1268ICC500	AR1268ICC500	PO113028.D	18 Aug 2025 17:48		YP/AJ	Ok
29	AR1268ICC250	AR1268ICC250	PO113029.D	18 Aug 2025 18:06		YP/AJ	Ok
30	AR1268ICC050	AR1268ICC050	PO113030.D	18 Aug 2025 18:24		YP/AJ	Ok,M
31	PO081825ICV500	ICVPO081825	PO113031.D	18 Aug 2025 18:43		YP/AJ	Ok
32	AR1242ICV500	ICVPO081825AR1242	PO113032.D	18 Aug 2025 19:37		YP/AJ	Ok
33	AR1248ICV500	ICVPO081825AR1248	PO113033.D	18 Aug 2025 19:54		YP/AJ	Ok
34	AR1254ICV500	ICVPO081825AR1254	PO113034.D	18 Aug 2025 20:31		YP/AJ	Ok
35	AR1268ICV500	ICVPO081825AR1268	PO113035.D	18 Aug 2025 21:07		YP/AJ	Ok,M
36	DDT ANALOG	DDT ANALOG	PO113036.D	18 Aug 2025 21:44		YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO090425

Review By	yogesh	Review On	9/4/2025 10:39:01 AM		
Supervise By	mohammad	Supervise On	9/8/2025 4:38:22 AM		
SubDirectory	PO090425	HP Acquire Method		HP Processing Method	PO081825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO113448.D	04 Sep 2025 08:36		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO113449.D	04 Sep 2025 08:54		YP/AJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PO113450.D	04 Sep 2025 09:14	TCMX high in 1st column	YP/AJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PO113451.D	04 Sep 2025 09:31	TCMX high in 1st column	YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO113452.D	04 Sep 2025 09:49		YP/AJ	Ok
6	I.BLK	I.BLK	PO113453.D	04 Sep 2025 10:08		YP/AJ	Ok
7	PB169532BL	PB169532BL	PO113454.D	04 Sep 2025 10:26		YP/AJ	Ok
8	Q2893-01	LOD-MDL-SOIL-01-QT	PO113455.D	04 Sep 2025 10:45	AR1660 SOIL LOD 25PPB	YP/AJ	Ok,M
9	Q2893-01	LOD-MDL-SOIL-01-QT	PO113456.D	04 Sep 2025 11:03	AR1221 SOIL LOD 25PPB	YP/AJ	Ok,M
10	Q2893-01	LOD-MDL-SOIL-01-QT	PO113457.D	04 Sep 2025 11:21	AR1232 SOIL LOD 25PPB	YP/AJ	Ok,M
11	Q2893-01	LOD-MDL-SOIL-01-QT	PO113458.D	04 Sep 2025 11:40	AR1242 SOIL LOD 25PPB	YP/AJ	Ok,M
12	Q2893-01	LOD-MDL-SOIL-01-QT	PO113459.D	04 Sep 2025 11:58	AR1248 SOIL LOD 25PPB	YP/AJ	Ok,M
13	Q2893-01	LOD-MDL-SOIL-01-QT	PO113460.D	04 Sep 2025 12:16	AR1254 SOIL LOD 25PPB	YP/AJ	Ok,M
14	Q2893-01	LOD-MDL-SOIL-01-QT	PO113461.D	04 Sep 2025 12:34	AR1262 SOIL LOD 25PPB	YP/AJ	Ok
15	Q2893-01	LOD-MDL-SOIL-01-QT	PO113462.D	04 Sep 2025 12:53	AR1268 SOIL LOD 25PPB	YP/AJ	Ok,M
16	AR1660CCC500	AR1660CCC500	PO113463.D	04 Sep 2025 13:30		YP/AJ	Ok,M
17	AR1242CCC500	AR1242CCC500	PO113464.D	04 Sep 2025 13:48		YP/AJ	Ok,M
18	AR1248CCC500	AR1248CCC500	PO113465.D	04 Sep 2025 14:07		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO090425

Review By	yogesh	Review On	9/4/2025 10:39:01 AM		
Supervise By	mohammad	Supervise On	9/8/2025 4:38:22 AM		
SubDirectory	PO090425	HP Acquire Method		HP Processing Method	PO081825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1254CCC500	AR1254CCC500	PO113466.D	04 Sep 2025 14:24		YP/AJ	Ok,M
20	I.BLK	I.BLK	PO113467.D	04 Sep 2025 14:42		YP/AJ	Ok,M
21	PB169546BL	PB169546BL	PO113468.D	04 Sep 2025 15:00		YP/AJ	Ok
22	PB169546BS	PB169546BS	PO113469.D	04 Sep 2025 15:17		YP/AJ	Ok,M
23	Q3003-01	VNJ-231	PO113470.D	04 Sep 2025 15:36		YP/AJ	Not Ok
24	Q3003-01MS	VNJ-231MS	PO113471.D	04 Sep 2025 15:53	AR1016 recovery fail	YP/AJ	Not Ok
25	Q3003-01MSD	VNJ-231MSD	PO113472.D	04 Sep 2025 16:11	AR1016,1260 recovery fail , RPD Fail, Bad chromatogram	YP/AJ	Not Ok
26	Q3004-02	Drum Speedy Dry/RAG	PO113473.D	04 Sep 2025 16:28		YP/AJ	Ok,M
27	Q3009-01	TR-04-090325	PO113474.D	04 Sep 2025 16:45		YP/AJ	Ok,M
28	Q3004-04	DRUM-OILY-WATER	PO113475.D	04 Sep 2025 17:03	TCMX low in both column	YP/AJ	ReRun
29	Q3017-02	TT-076-IDWGW-20250	PO113476.D	04 Sep 2025 17:21	DCB Low in both column	YP/AJ	ReRun
30	Q3017-03	TT-077-IDWGW-20250	PO113477.D	04 Sep 2025 17:39	DCB Low in both column	YP/AJ	ReRun
31	AR1660CCC500	AR1660CCC500	PO113478.D	04 Sep 2025 18:49		YP/AJ	Ok,M
32	AR1242CCC500	AR1242CCC500	PO113479.D	04 Sep 2025 19:44		YP/AJ	Ok,M
33	AR1248CCC500	AR1248CCC500	PO113480.D	04 Sep 2025 20:03	TCMX high in 1st column	YP/AJ	Ok
34	AR1254CCC500	AR1254CCC500	PO113481.D	04 Sep 2025 20:20		YP/AJ	Ok
35	I.BLK	I.BLK	PO113482.D	04 Sep 2025 20:39		YP/AJ	Ok
36	PB169547BL	PB169547BL	PO113483.D	04 Sep 2025 20:56		YP/AJ	Ok
37	PB169547BS	PB169547BS	PO113484.D	04 Sep 2025 21:15		YP/AJ	Ok,M

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO090425

Review By	yogesh	Review On	9/4/2025 10:39:01 AM		
Supervise By	mohammad	Supervise On	9/8/2025 4:38:22 AM		
SubDirectory	PO090425	HP Acquire Method		HP Processing Method	PO081825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	PB169547BSD	PB169547BSD	PO113485.D	04 Sep 2025 21:33		YP/AJ	Ok,M
39	Q3017-04	TT-078-IDWGW-20250	PO113486.D	04 Sep 2025 21:50	DCB Low in both column	YP/AJ	ReRun
40	Q3017-05	TT-079-IDWGW-20250	PO113487.D	04 Sep 2025 22:09	DCB Low in both column	YP/AJ	ReRun
41	AR1660CCC500	AR1660CCC500	PO113488.D	04 Sep 2025 23:23		YP/AJ	Ok,M
42	AR1242CCC500	AR1242CCC500	PO113489.D	05 Sep 2025 00:18		YP/AJ	Ok,M
43	AR1248CCC500	AR1248CCC500	PO113490.D	05 Sep 2025 00:36	TCMX high in 1st column	YP/AJ	Ok,M
44	AR1254CCC500	AR1254CCC500	PO113491.D	05 Sep 2025 00:54		YP/AJ	Ok
45	I.BLK	I.BLK	PO113492.D	05 Sep 2025 01:12		YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP081925

Review By	yogesh	Review On	8/19/2025 10:38:23 AM		
Supervise By	mohammad	Supervise On	8/21/2025 1:31:42 AM		
SubDirectory	PP081925	HP Acquire Method		HP Processing Method	PP081925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP2416,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP074489.D	19 Aug 2025 09:30		YP\AJ	Ok
2	I.BLK	I.BLK	PP074490.D	19 Aug 2025 09:46		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP074491.D	19 Aug 2025 10:02		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP074492.D	19 Aug 2025 10:18		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP074493.D	19 Aug 2025 10:34		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP074494.D	19 Aug 2025 10:51		YP\AJ	Ok
7	AR1660ICC050	AR1660ICC050	PP074495.D	19 Aug 2025 11:07		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP074496.D	19 Aug 2025 11:23		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP074497.D	19 Aug 2025 11:39		YP\AJ	Ok,M
10	AR1242ICC1000	AR1242ICC1000	PP074498.D	19 Aug 2025 11:55		YP\AJ	Ok,M
11	AR1242ICC750	AR1242ICC750	PP074499.D	19 Aug 2025 12:12		YP\AJ	Ok,M
12	AR1242ICC500	AR1242ICC500	PP074500.D	19 Aug 2025 12:28		YP\AJ	Ok,M
13	AR1242ICC250	AR1242ICC250	PP074501.D	19 Aug 2025 12:44		YP\AJ	Ok,M
14	AR1242ICC050	AR1242ICC050	PP074502.D	19 Aug 2025 13:00		YP\AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PP074503.D	19 Aug 2025 13:16		YP\AJ	Ok,M
16	AR1248ICC750	AR1248ICC750	PP074504.D	19 Aug 2025 13:33		YP\AJ	Ok,M
17	AR1248ICC500	AR1248ICC500	PP074505.D	19 Aug 2025 13:49		YP\AJ	Ok,M
18	AR1248ICC250	AR1248ICC250	PP074506.D	19 Aug 2025 14:05		YP\AJ	Ok,M

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Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP081925

Review By	yogesh	Review On	8/19/2025 10:38:23 AM		
Supervise By	mohammad	Supervise On	8/21/2025 1:31:42 AM		
SubDirectory	PP081925	HP Acquire Method		HP Processing Method	PP081925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP2416,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248ICC050	AR1248ICC050	PP074507.D	19 Aug 2025 14:21		YP\AJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PP074508.D	19 Aug 2025 14:37		YP\AJ	Ok,M
21	AR1254ICC750	AR1254ICC750	PP074509.D	19 Aug 2025 14:53		YP\AJ	Ok,M
22	AR1254ICC500	AR1254ICC500	PP074510.D	19 Aug 2025 15:10		YP\AJ	Ok,M
23	AR1254ICC250	AR1254ICC250	PP074511.D	19 Aug 2025 15:42		YP\AJ	Ok,M
24	AR1254ICC050	AR1254ICC050	PP074512.D	19 Aug 2025 15:58		YP\AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP074513.D	19 Aug 2025 16:14		YP\AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP074514.D	19 Aug 2025 16:31		YP\AJ	Ok
27	AR1268ICC750	AR1268ICC750	PP074515.D	19 Aug 2025 16:47		YP\AJ	Ok
28	AR1268ICC500	AR1268ICC500	PP074516.D	19 Aug 2025 17:03		YP\AJ	Ok
29	AR1268ICC250	AR1268ICC250	PP074517.D	19 Aug 2025 17:19		YP\AJ	Ok
30	AR1268ICC050	AR1268ICC050	PP074518.D	19 Aug 2025 17:36		YP\AJ	Ok,M
31	PP081925ICV500	ICVPP081925	PP074519.D	19 Aug 2025 17:52		YP\AJ	Ok
32	AR1242ICV500	ICVPP081925AR1242	PP074520.D	19 Aug 2025 19:13		YP\AJ	Ok,M
33	AR1248ICV500	ICVPP081925AR1248	PP074521.D	19 Aug 2025 19:29		YP\AJ	Ok,M
34	AR1254ICV500	ICVPP081925AR1254	PP074522.D	19 Aug 2025 20:18		YP\AJ	Ok,M
35	AR1268ICV500	ICVPP081925AR1268	PP074523.D	19 Aug 2025 21:07		YP\AJ	Ok
36	DDT ANALOG	DDT ANALOG	PP074524.D	19 Aug 2025 21:55		YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP090525

Review By	yogesh	Review On	9/5/2025 11:08:21 AM		
Supervise By	mohammad	Supervise On	9/8/2025 8:00:30 AM		
SubDirectory	PP090525	HP Acquire Method		HP Processing Method	PP081925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP074885.D	05 Sep 2025 08:24		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP074886.D	05 Sep 2025 08:40		YP\AJ	Ok,M
3	I.BLK	I.BLK	PP074887.D	05 Sep 2025 09:09		YP\AJ	Ok
4	PB169547BL	PB169547BL	PP074888.D	05 Sep 2025 09:25	Not used	YP\AJ	Not Ok
5	Q2893-01	LOD-MDL-SOIL-01-QT	PP074889.D	05 Sep 2025 10:19	AR1262 SOIL LOD 25PPB	YP\AJ	Ok,M
6	Q2893-01	LOD-MDL-SOIL-01-QT	PP074890.D	05 Sep 2025 10:35	AR1268 SOIL LOD 25PPB,2nd column low	YP\AJ	Not Ok
7	Q2893-07	LOD-MDL-WATER-01-(	PP074891.D	05 Sep 2025 10:57	AR1262 WATER LOD 25PPB	YP\AJ	Ok,M
8	Q2893-07	LOD-MDL-WATER-01-(	PP074892.D	05 Sep 2025 11:14	2nd column low , AR1268 WATER LOD 25PPB	YP\AJ	Not Ok
9	Q3017-02	TT-076-IDWGW-20250	PP074893.D	05 Sep 2025 11:30		YP\AJ	Ok,M
10	Q3017-03	TT-077-IDWGW-20250	PP074894.D	05 Sep 2025 11:46		YP\AJ	Ok,M
11	Q3017-04	TT-078-IDWGW-20250	PP074895.D	05 Sep 2025 12:02		YP\AJ	Ok,M
12	Q3017-05	TT-079-IDWGW-20250	PP074896.D	05 Sep 2025 12:19		YP\AJ	Ok,M
13	AR1660CCC500	AR1660CCC500	PP074897.D	05 Sep 2025 12:51		YP\AJ	Ok,M
14	I.BLK	I.BLK	PP074898.D	05 Sep 2025 13:07		YP\AJ	Ok
15	PB169548BL	PB169548BL	PP074899.D	05 Sep 2025 13:24		YP\AJ	Ok
16	Q2893-03	MDL-SOIL-03-QT3-202	PP074900.D	05 Sep 2025 13:40	AR1660 SOIL MDL 25PPB	YP\AJ	Ok,M
17	Q2893-03	MDL-SOIL-03-QT3-202	PP074901.D	05 Sep 2025 13:56	AR1221 SOIL MDL 25PPB	YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP090525

Review By	yogesh	Review On	9/5/2025 11:08:21 AM		
Supervise By	mohammad	Supervise On	9/8/2025 8:00:30 AM		
SubDirectory	PP090525	HP Acquire Method		HP Processing Method	PP081925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2893-03	MDL-SOIL-03-QT3-202	PP074902.D	05 Sep 2025 14:13	AR1232 SOIL MDL 25PPB	YP\AJ	Ok,M
19	Q2893-03	MDL-SOIL-03-QT3-202	PP074903.D	05 Sep 2025 14:29	AR1242-1,5 high in 1st column , AR1242 SOIL MDL 25PPB	YP\AJ	Ok,M
20	Q2893-03	MDL-SOIL-03-QT3-202	PP074904.D	05 Sep 2025 14:45	No hit detected , AR1248 SOIL MDL 25PPB	YP\AJ	Not Ok
21	Q2893-03	MDL-SOIL-03-QT3-202	PP074905.D	05 Sep 2025 15:02	AR1254 SOIL MDL 25PPB	YP\AJ	Ok
22	AR1660CCC500	AR1660CCC500	PP074906.D	05 Sep 2025 15:51		YP\AJ	Ok
23	I.BLK	I.BLK	PP074907.D	05 Sep 2025 16:07		YP\AJ	Ok
24	Q2893-02	LOQ-SOIL-02-QT3-202	PP074908.D	05 Sep 2025 16:23	AR1660 SOIL LOQ 50PPB	YP\AJ	Ok,M
25	Q2893-02	LOQ-SOIL-02-QT3-202	PP074909.D	05 Sep 2025 16:40	AR1221 SOIL LOQ 50PPB	YP\AJ	Ok,M
26	Q2893-02	LOQ-SOIL-02-QT3-202	PP074910.D	05 Sep 2025 16:56	AR1232 SOIL LOQ 50PPB	YP\AJ	Ok
27	Q2893-02	LOQ-SOIL-02-QT3-202	PP074911.D	05 Sep 2025 17:12	AR1242 SOIL LOQ 50PPB	YP\AJ	Ok,M
28	Q2893-02	LOQ-SOIL-02-QT3-202	PP074912.D	05 Sep 2025 17:28	AR1248 SOIL LOQ 50PPB	YP\AJ	Ok,M
29	Q2893-02	LOQ-SOIL-02-QT3-202	PP074913.D	05 Sep 2025 17:45	AR1254 SOIL LOQ 50PPB	YP\AJ	Ok,M
30	Q2893-02	LOQ-SOIL-02-QT3-202	PP074914.D	05 Sep 2025 18:01	AR1262 SOIL LOQ 50PPB	YP\AJ	Ok
31	Q2893-02	LOQ-SOIL-02-QT3-202	PP074915.D	05 Sep 2025 18:17	DCB high in 1st column , AR1268 SOIL LOQ 50PPB	YP\AJ	Ok
32	AR1660CCC500	AR1660CCC500	PP074916.D	05 Sep 2025 18:50		YP\AJ	Ok
33	I.BLK	I.BLK	PP074917.D	05 Sep 2025 19:39		YP\AJ	Ok
34	PB169548BL	PB169548BL	PP074918.D	05 Sep 2025 19:55		YP\AJ	Ok
35	Q2893-09	MDL-WATER-03-QT3-2	PP074919.D	05 Sep 2025 20:12	AR1660 WATER MDL 25PPB	YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP090525

Review By	yogesh	Review On	9/5/2025 11:08:21 AM		
Supervise By	mohammad	Supervise On	9/8/2025 8:00:30 AM		
SubDirectory	PP090525	HP Acquire Method		HP Processing Method	PP081925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

36	Q2893-09	MDL-WATER-03-QT3-2	PP074920.D	05 Sep 2025 20:28	AR1221 WATER MDL 25PPB	YP\AJ	Ok,M
37	Q2893-09	MDL-WATER-03-QT3-2	PP074921.D	05 Sep 2025 20:44	AR1232 WATER MDL 25PPB	YP\AJ	Ok,M
38	Q2893-09	MDL-WATER-03-QT3-2	PP074922.D	05 Sep 2025 21:00	AR1242 WATER MDL 25PPB, failing high	YP\AJ	Not Ok
39	Q2893-09	MDL-WATER-03-QT3-2	PP074923.D	05 Sep 2025 21:17	AR1248 WATER MDL 25PPB	YP\AJ	Ok,M
40	Q2893-09	MDL-WATER-03-QT3-2	PP074924.D	05 Sep 2025 21:33	AR1254 WATER MDL 25PPB	YP\AJ	Ok,M
41	AR1660CCC500	AR1660CCC500	PP074925.D	05 Sep 2025 22:22		YP\AJ	Ok,M
42	I.BLK	I.BLK	PP074926.D	05 Sep 2025 22:54		YP\AJ	Ok
43	Q2893-08	LOQ-WATER-02-QT3-2	PP074927.D	05 Sep 2025 23:11	AR1660 WATER LOQ 50PPB	YP\AJ	Ok,M
44	Q2893-08	LOQ-WATER-02-QT3-2	PP074928.D	05 Sep 2025 23:27	AR1221 WATER LOQ 50PPB	YP\AJ	Ok,M
45	Q2893-08	LOQ-WATER-02-QT3-2	PP074929.D	05 Sep 2025 23:43	AR1232 WATER LOQ 50PPB	YP\AJ	Ok,M
46	Q2893-08	LOQ-WATER-02-QT3-2	PP074930.D	05 Sep 2025 23:59	AR1242 WATER LOQ 50PPB	YP\AJ	Ok,M
47	Q2893-08	LOQ-WATER-02-QT3-2	PP074931.D	06 Sep 2025 00:16	AR1248 WATER LOQ 50PPB	YP\AJ	Ok,M
48	Q2893-08	LOQ-WATER-02-QT3-2	PP074932.D	06 Sep 2025 00:32	AR1254 WATER LOQ 50PPB, failing high	YP\AJ	Not Ok
49	Q2893-08	LOQ-WATER-02-QT3-2	PP074933.D	06 Sep 2025 00:48	AR1262 WATER LOQ 50PPB, failing high	YP\AJ	Not Ok
50	Q2893-08	LOQ-WATER-02-QT3-2	PP074934.D	06 Sep 2025 01:05	AR1268 WATER LOQ 50PPB, failing high	YP\AJ	Not Ok
51	AR1660CCC500	AR1660CCC500	PP074935.D	06 Sep 2025 01:54		YP\AJ	Ok
52	I.BLK	I.BLK	PP074936.D	06 Sep 2025 02:25		YP\AJ	Ok
53	Q2893-03	MDL-SOIL-03-QT3-202	PP074937.D	06 Sep 2025 02:41	AR1242 SOIL MDL 25PPB, failing high	YP\AJ	Not Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP090525

Review By	yogesh	Review On	9/5/2025 11:08:21 AM		
Supervise By	mohammad	Supervise On	9/8/2025 8:00:30 AM		
SubDirectory	PP090525	HP Acquire Method		HP Processing Method	PP081925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

54	Q2893-03	MDL-SOIL-03-QT3-202	PP074938.D	06 Sep 2025 02:58	AR1248 SOIL MDL 25PPB	YP\AJ	Ok,M
55	AR1660CCC500	AR1660CCC500	PP074939.D	06 Sep 2025 03:47		YP\AJ	Ok,M
56	I.BLK	I.BLK	PP074940.D	06 Sep 2025 04:35		YP\AJ	Ok

M : Manual Integration

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EXTRACTION LOGPAGE

PB169547

SOP ID: M3510C,3580A-Extraction PCB-15

Clean Up SOP #: Acid Cleanup

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3953

Extraction By: EH

Filter By: RJ

pH Meter ID: N/A

Hood ID: 4,6,7

Extraction Start Date : 09/04/2025

Extraction Start Time : 09:33

Extraction End Date : 09/04/2025

Extraction End Time : 15:25

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: [√] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [ ] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24799
Surrogate	1.0ML	200 PPB	PP24663
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	E3964
Baked Na2SO4	N/A	EP2636
Hexane	N/A	E3968
H2SO4 1:1	N/A	EP2610
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40BTS721, Q3004-04 used Limited volume as sample is oily. Q3017 All samples added at 11:05 AM.

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
9/4/25	RS (Ext lab)	Y-P-Pest/PCB.
15:30	**Preparation Group**	**Analysis Group**

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EXTRACTION LOGPAGE

PrepBatch ID : PB169547

Analytical Method: M3510C,3580A-Extraction PCB-15

Concentration Date: 09/04/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169547BL	ABLK547	PCB	1000	6	Evelyn	RUPESH	10			SEP-1
PB169547BS	ALCS547	PCB	1000	6	Evelyn	RUPESH	10			2
PB169547BSD	ALCSD547	PCB	1000	6	Evelyn	RUPESH	10			3
Q3004-04	DRUM-OILY-WATER	PCB	100	6	Evelyn	RUPESH	10	D	Oily	4
Q3017-02	TT-076-IDWGW-20250903	PCB	1000	6	Evelyn	RUPESH	10	E		5
Q3017-03	TT-077-IDWGW-20250903	PCB	1000	6	Evelyn	RUPESH	10	E		6
Q3017-04	TT-078-IDWGW-20250903	PCB	1000	6	Evelyn	RUPESH	10	E		7
Q3017-05	TT-079-IDWGW-20250903	PCB	1000	6	Evelyn	RUPESH	10	E		8

RS 9/4.

* **Extracts relinquished on the same date as received.**

Q3017-PCB

9/4/25 9:33

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3004 **WorkList ID :** 191657 **Department :** Extraction **Date :** 09-04-2025 09:28:11

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3004-04	DRUM-OILY-WATER	Water	PCB	Cool 4 deg C	PSEG03	J13	09/02/2025	8082A

608 of 1191

Date/Time 9/4/25 9:28

Raw Sample Received by: RS (EXT-GC)

Raw Sample Relinquished by: [signature]

Date/Time 9/4/25 9:50

Raw Sample Received by: [signature]

Raw Sample Relinquished by: RS (EXT-GC)

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3017 **WorkList ID :** 191665 **Department :** Extraction **Date :** 09-04-2025 11:04:20

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3017-02	TT-076-IDWGW-20250903	Water	PCB	Cool 4 deg C	TETR06	J12	09/04/2025	8082A
Q3017-03	TT-077-IDWGW-20250903	Water	PCB	Cool 4 deg C	TETR06	J12	09/04/2025	8082A
Q3017-04	TT-078-IDWGW-20250903	Water	PCB	Cool 4 deg C	TETR06	J12	09/04/2025	8082A
Q3017-05	TT-079-IDWGW-20250903	Water	PCB	Cool 4 deg C	TETR06	J12	09/04/2025	8082A

Date/Time 9/4/25 11:05
Raw Sample Received by: RS (Ext Lab)
Raw Sample Relinquished by:

Date/Time 9/4/25 11:30
Raw Sample Received by:
Raw Sample Relinquished by: RS (Ext Lab)

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Prep Standard - Chemical Standard Summary

Order ID : Q3017

Test : PCB

Prepbatch ID : PB169547,

Sequence ID/Qc Batch ID: po090425,pp090525,

Standard ID :
EP2610,EP2636,PP24329,PP24330,PP24381,PP24663,PP24799,PP24805,PP24806,PP24807,PP24808,PP24809,PP24810,PP24811,PP24812,PP24814,PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862,

Chemical ID :
E3804,E3875,E3944,E3955,E3962,E3963,E3964,E3968,M6157,P11522,P11592,P12700,P12703,P12951,P12952,P12957,P13356,P13373,P13375,P13590,P13592,P13695,P13697,P13706,P13786,P13789,P13833,P13879,P13881,P13885,W3112,W3177,W3234,

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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	EP2610	05/07/2025	11/07/2025	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 05/07/2025

FROM 1000.00000ml of M6157 + 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	EP2636	08/27/2025	01/28/2026	Riteshkumar Patel	Extraction_SCALE_2 (EX-SC-2)	None	Evelyn Huang 08/27/2025

FROM 4000.00000gram of E3875 = 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
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
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
465	200 PPB Pest/PCB Surrogate Spike	PP24663	06/24/2025	12/24/2025	Abdul Mirza	None	None	Yogesh Patel 07/21/2025

FROM 1.00000ml of P13786 + 999.00000ml of E3944 = Final Quantity: 1000.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3857	5000 PPB PCB SPIKE SOLUTION 2ND SOURCE	PP24799	08/12/2025	02/12/2026	Abdul Mirza	None	None	Yogesh Patel 08/19/2025

FROM 0.50000ml of P12951 + 99.50000ml of E3955 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
84	Pest/PCB Surrogate Stock 20 PPM	PP24805	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 1.00000ml of P13789 + 9.00000ml of E3962 = 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
213	AR1221 1000 PPB WORKING SOLUTION	PP24806	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.10000ml of P13375 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
214	AR1232 1000 PPB WORKING SOLUTION	PP24807	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.10000ml of P13879 + 99.40000ml of E3962 + 0.50000ml of PP24805 = 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
215	AR1242 1000 PPB WORKING STD	PP24808	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.10000ml of P13706 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
216	AR1248 1000 PPB WORKING STD	PP24809	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.10000ml of P13695 + 99.40000ml of E3962 + 0.50000ml of PP24805 = 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
217	AR1254 1000 PPB WORKING STD	PP24810	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.10000ml of P11592 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1529	AR1262 1000 PPB Working Solution	PP24811	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.10000ml of P13881 + 99.40000ml of E3962 + 0.50000ml of PP24805 = 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
1532	AR1268 1000 PPB Working Solution	PP24812	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.10000ml of P13885 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
404	AR1660 100 PPM Stock Solution 2nd Source	PP24814	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 1.00000ml of P12952 + 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	PP24815	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 98.50000ml of E3962 + 0.50000ml of PP24805 + 1.00000ml of PP24814 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3789	AR1221 1000 PPB WORKING SOL.2ND SOURCE(AGILENT)	PP24816	08/18/2025	09/18/2025	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 1.00000ml of P13373 + 98.50000ml of E3962 + 0.50000ml of PP24805 = 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
1887	AR1232 1000 PPB Working Sol. 2nd Source	PP24817	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 1.00000ml of P12700 + 98.50000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1889	AR1242 1000 PPB Working Sol. 2nd Source	PP24818	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 1.00000ml of P13590 + 98.50000ml of E3962 + 0.50000ml of PP24805 = 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
1890	AR1248 1000 PPB Working Sol. 2nd Source	PP24819	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 1.00000ml of P13592 + 98.50000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2193	AR1254 100 PPM STOCK SOLUTION	PP24820	08/18/2025	02/15/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 1.00000ml of P13833 + 9.00000ml of E3963 = 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
3757	AR1262 1000 PPB Working Solution second source	PP24821	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 1.00000ml of P12703 + 98.50000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3817	AR1268 1000 ppb Working Soln. 2nd source	PP24822	08/18/2025	09/18/2025	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 1.00000ml of P11522 + 98.50000ml of E3962 + 0.50000ml of PP24805 = 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	PP24823	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.25000ml of W3234 + 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	PP24824	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 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	PP24825	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.75000ml of W3234 + 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	PP24826	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24824 = 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
1079	AR1221 750 PPB STD	PP24827	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24806 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
222	AR1221 500 PPB STD	PP24828	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24806 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1080	AR1221 250 PPB STD	PP24829	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24806 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1081	AR1221 50 PPB STD	PP24830	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24828 = 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
1063	AR1232 750 PPB STD	PP24831	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24807 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
223	AR1232 500 PPB STD	PP24832	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24807 = 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	PP24833	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24807 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1065	AR1232 50 PPB STD	PP24834	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24832 = 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
1067	AR1242 750 PPB STD	PP24835	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24808 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
224	AR1242 500 PPB STD	PP24836	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24808 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1068	AR1242 250 PPB STD	PP24837	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24808 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1069	AR1242 50 PPB STD	PP24838	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24836 = 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
1075	AR1248 750 PPB STD	PP24839	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24809 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
225	AR1248 500 PPB STD	PP24840	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24809 = 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	PP24841	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24809 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1077	AR1248 50 PPB STD	PP24842	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24840 = 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
1071	AR1254 750 PPB STD	PP24843	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24810 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
226	AR1254 500 PPB STD	PP24844	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24810 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1072	AR1254 250 PPB STD	PP24845	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24810 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1073	AR1254 50 PPB STD	PP24846	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24844 = 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
3753	AR1262 750 PPB STD	PP24847	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24811 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1530	AR1262 500 PPB STD	PP24848	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24811 = 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	PP24849	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24811 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3755	AR1262 50 PPB STD	PP24850	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24848 = 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
3820	AR1268 750 PPB STD	PP24851	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24812 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1533	AR1268 500 PPB STD	PP24852	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24812 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3821	AR1268 250 PPB STD	PP24853	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24812 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3822	AR1268 50 PPB STD	PP24854	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24852 = 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
406	AR1660 500 PPB ICV	PP24855	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24815 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3790	AR1221 500 PPB ICV(AGILENT)	PP24856	08/18/2025	09/18/2025	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24816 = 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
1888	AR1232 500 PPB ICV	PP24857	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24817 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1891	AR1242 500 PPB ICV	PP24858	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24818 = 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
1892	AR1248 500 PPB ICV	PP24859	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24819 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1894	AR1254 500 PPB ICV	PP24860	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 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
3758	AR1262 500 PPB STD ICV	PP24861	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24821 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3823	AR1268 500 PPB STD ICV	PP24862	08/18/2025	09/18/2025	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24822 = 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 #
Seidler Chemical	9005-05 / Acetone Ultra (cs/4x4L)	24E0761004	02/18/2026	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 #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	417203	01/28/2026	07/28/2025 / RUPESH	01/29/2025 / Rajesh	E3875

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	05/24/2027	06/20/2025 / RUPESH	05/14/2025 / RUPESH	E3944

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	04/18/2027	07/16/2025 / RUPESH	07/16/2025 / RUPESH	E3955

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)	25C0362005	04/30/2026	08/05/2025 / RUPESH	07/30/2025 / RUPESH	E3962

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	02/15/2026	08/15/2025 / RUPESH	08/07/2025 / RUPESH	E3963

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Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25C1262005	04/16/2026	08/14/2025 / RUPESH	03/06/2025 / RUPESH	E3964

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)	25CO362005	03/03/2026	09/03/2025 / Riteshkumar	08/27/2025 / Riteshkumar	E3968

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)	24i1262013	11/07/2025	05/07/2025 / RUPESH	02/18/2025 / Mohan	M6157

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 #
Restek	32011 / PCB Mix, Aroclor 1254, 1000ug/mL, Hexane, 1mL/ampul	A0175403	02/18/2026	08/18/2025 / yogesh	03/18/2022 / Abdul	P11592

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	02/18/2026	08/18/2025 / yogesh	08/07/2023 / Ankita	P12700

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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	x9166 / Aroclor 1262 100 ug/mL	060523	02/18/2026	08/18/2025 / yogesh	08/07/2023 / Ankita	P12703

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	022023	02/12/2026	08/12/2025 / Abdul	12/20/2023 / Yogesh	P12951

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	022023	02/18/2026	08/18/2025 / yogesh	12/20/2023 / Yogesh	P12952

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	09/18/2025	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	32007 / PCB Mix, Aroclor 1221, 1000ug/mL, Hexane, 1mL/ampul	A0207511	02/18/2026	08/18/2025 / yogesh	05/03/2024 / Abdul	P13375

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-312-1 / Aroclor 1242	0006665550	02/18/2026	08/18/2025 / yogesh	10/14/2024 / Ankita	P13590

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-342-1 / Aroclor 1248	0006726317	02/18/2026	08/18/2025 / yogesh	10/14/2024 / Ankita	P13592

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	A0214733	02/18/2026	08/18/2025 / yogesh	10/17/2024 / yogesh	P13695

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	32009 / PCB Mix, Aroclor 1242, 1000ug/mL, Hexane, 1mL/ampul	A0210232	02/18/2026	08/18/2025 / yogesh	10/17/2024 / yogesh	P13706

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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	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0214495	12/24/2025	06/24/2025 / Abdul	11/19/2024 / Ankita	P13786

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	A0214495	02/18/2026	08/18/2025 / yogesh	11/19/2024 / Ankita	P13789

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	02/18/2026	08/18/2025 / yogesh	12/09/2024 / Ankita	P13833

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	02/18/2026	08/18/2025 / yogesh	01/23/2025 / Ankita	P13879

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	A0217041	02/18/2026	08/18/2025 / yogesh	01/23/2025 / Ankita	P13881

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	A0217264	02/18/2026	08/18/2025 / yogesh	01/23/2025 / Ankita	P13885

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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	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

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)	25C0362005	04/30/2026	07/28/2025 / jignesh	07/25/2025 / jignesh	W3234

Acetone
CMOS

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Material No.: 9005-05
Batch No.: 24E0761004
Manufactured Date: 2024-05-02
Retest Date: 2029-05-01
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected for water)	≥ 99.5 %	99.8 %
Color (APHA)	≤ 10	< 5
Residue after Evaporation	≤ 5 ppm	< 1 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.1
Titrable Base (µeq/g)	≤ 0.5	0.1
Water (H_2O)	≤ 0.5 %	0.1 %
Solubility in H_2O	Passes Test	Passes Test
Chloride (Cl)	≤ 0.2 ppm	< 0.2 ppm
Phosphate (PO_4)	≤ 0.05 ppm	< 0.05 ppm
Trace Impurities - Aluminum (Al)	≤ 50.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 5.0 ppb
Trace Impurities - Barium (Ba)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Cadmium (Cd)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Calcium (Ca)	≤ 25.0 ppb	3.6 ppb
Trace Impurities - Chromium (Cr)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Germanium (Ge)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities - Gold (Au)	≤ 20 ppb	< 5 ppb
Trace Impurities - Iron (Fe)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities - Lead (Pb)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities - Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities - Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb

>>> Continued on page 2 >>>

Recd by RP on 9/25/24

E 3804

Acetone
CMOS

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Material No.: 9005-05
Batch No.: 24E0761004

Test	Specification	Result
Trace Impurities – Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Nickel (Ni)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Strontium (Sr)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 50.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	7.9 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater (Rion KS42AF)	≤ 100 par/ml	8 par/ml
Particle Count – 1.0 µm and greater (Rion KS42AF)	≤ 8 par/ml	2 par/ml

>>> Continued on page 3 >>>

Acetone
CMOS

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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

PRODUCTOS QUIMICOS MONTERREY, S.A. DE C.V.

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MÉXICO
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:	MAY/23/2024
LOT NUMBER :	417203		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na_2SO_4)	Min. 99.0%	99.8 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.2
Insoluble matter	Max. 0.01%	0.001 %
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%	0.001 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.001 %
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%	0.2 %
Retained on US Standard No. 60 sieve	Min. 94%	96.2 %
Through US Standard No. 60 sieve	Max. 5%	3.5 %
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.

RE-02-01, Ed. 3

E 3875

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H1462005
Manufactured Date: 2024-05-24
Expiration Date:2027-05-24
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3944

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

PO: PO2-2575 PRODUCT CODE: SHIP DATE: 6/20/25

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H2762008
Manufactured Date: 2024-04-18
Expiration Date:2027-04-18
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Recieved on 7/16/25

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E 3955

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

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9262-03
Batch No.: 25C0362005
Manufactured Date: 2025-01-29
Expiration Date:2026-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	<= 5	5
Assay (Total Saturated C_6 Isomers) (byGC, corrected for water)	>= 99.5 %	100.0 %
Assay (as n-Hexane) (by GC, correctedfor water)	>= 95 %	100 %
Color (APHA)	<= 10	10
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

Recieved on 7/30/25

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3962

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

PO: PO2-2575 PRODUCT CODE: SHIP DATE: 6/20/25

Acetone,
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H2762008
Manufactured Date: 2024-04-18
Expiration Date:2027-04-18
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Recieved on 8/6/25

E 3963

J Croak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials,LLC
100 Matsonford Rd, Suite 200,Radnor,PA,19087.U.S.A.Phone 610.386.1700

Page 1 of 1

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor™ | J.T.Baker

Material No.: 9266-A4
Batch No.: 25C1262005
Manufactured Date: 2025-01-15
Expiration Date:2026-04-16
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	1
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.1 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

Received on

E 3964

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

PO: PO2-2575 PRODUCT CODE: SHIP DATE: 6/20/25

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9262-03
Batch No.: 25C0362005
Manufactured Date: 2025-01-29
Expiration Date:2026-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	<= 5	5
Assay (Total Saturated C_6 Isomers) (byGC, corrected for water)	>= 99.5 %	100.0 %
Assay (as n-Hexane) (by GC, correctedfor water)	>= 95 %	100 %
Color (APHA)	<= 10	10
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: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Rec'd on 8/27/25

E 3968

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials,LLC
100 Matsonford Rd, Suite 200,Radnor,PA,19087.U.S.A.Phone 610.386.1700

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

M615 MB

avantor™ | J.T.Baker

Material No.: 9673-33
Batch No.: 24I1262013
Manufactured Date: 2024-08-07
Retest Date:2029-08-06
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS – Assay (H_2SO_4)	95.0 – 98.0 %	96.2 %
Appearance	Passes Test	Passes Test
ACS – Color (APHA)	<= 10	5
ACS – Residue after Ignition	<= 3 ppm	<1 ppm
ACS – Substances Reducing Permanganate(as SO2)	<= 2 ppm	<2 ppm
Ammonium (NH_4)	<= 1 ppm	<1 ppm
Chloride (Cl)	<= 0.1 ppm	<0.1 ppm
Nitrate (NO_3)	<= 0.2 ppm	0.1 ppm
Phosphate (PO_4)	<= 0.5 ppm	<0.1 ppm
Trace Impurities – Aluminum (Al)	<= 30.0 ppb	<5.0 ppb
Arsenic & Antimony (as As)	<= 4.0 ppb	<2.0 ppb
Trace Impurities – Boron (B)	<= 10.0 ppb	<5.0 ppb
Trace Impurities – Cadmium (Cd)	<= 2.0 ppb	<1.0 ppb
Trace Impurities – Chromium (Cr)	<= 6.0 ppb	<1.0 ppb
Trace Impurities – Cobalt (Co)	<= 0.5 ppb	<0.3 ppb
Trace Impurities – Copper (Cu)	<= 1.0 ppb	<1.0 ppb
Trace Impurities – Gold (Au)	<= 10.0 ppb	<5.0 ppb
Heavy Metals (as Pb)	<= 500.0 ppb	<100.0 ppb
Trace Impurities – Iron (Fe)	<= 50.0 ppb	<1.0 ppb
Trace Impurities – Lead (Pb)	<= 0.5 ppb	<0.5 ppb
Trace Impurities – Magnesium (Mg)	<= 7.0 ppb	<1.0 ppb
Trace Impurities – Manganese (Mn)	<= 1.0 ppb	<1.0 ppb
Trace Impurities – Mercury (Hg)	<= 0.5 ppb	<0.1 ppb
Trace Impurities – Nickel (Ni)	<= 2.0 ppb	<0.3 ppb
Trace Impurities – Potassium (K)	<= 500.0 ppb	<10.0 ppb
Trace Impurities – Selenium (Se)	<= 50.0 ppb	7.2 ppb
Trace Impurities – Silicon (Si)	<= 100.0 ppb	12.8 ppb
Trace Impurities – Silver (Ag)	<= 1.0 ppb	<1.0 ppb

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

avantor™ | J.T.Baker

Material No.: 9673-33
Batch No.: 24I1262013

Test	Specification	Result
Trace Impurities - Sodium (Na)	<= 500.0 ppb	<5.0 ppb
Trace Impurities - Strontium (Sr)	<= 5.0 ppb	<1.0 ppb
Trace Impurities - Tin (Sn)	<= 5.0 ppb	1.1 ppb
Trace Impurities - Zinc (Zn)	<= 5.0 ppb	<1.0 ppb

For Laboratory,Research,or Manufacturing Use

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

P11518 ↓ P11522 AJ 02/21/22

Certificate of Analysis

Product Name: Aroclor 1268 Standard

Product Number: PP-382-1 **Lot Issue Date:** 09-Feb-2021

Lot Number: 0006587800 **Expiration Date:** 31-Mar-2029

Description:
This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
Aroclor 1268	011100-14-4	RM00937	100.0 ± 0.5 µg/mL

Matrix: isooctane (2,2,4-trimethylpentane)

Storage Conditions: Store at Room Temperature (15° to 30°C).

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Intended Use:
This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

Expiration of Certification:
The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

M Bourgeois

Monica Bourgeois
QMS Representative

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026
Page: 1 of 1
www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED TESTING LABORATORY
ISO 17025 Cert No. AT-1937

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32011 **Lot No.:** A0175403

Description : Aroclor® 1254 Standard

Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2027 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Aroclor 1254	1,000.7 µg/mL	+/- 5.9437 µg/mL	Gravimetric
	CAS # 11097-69-1 (Lot 124-191-B)		+/- 31.7284 µg/mL	Unstressed
	Purity ----%		+/- 41.4406 µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P11588 ↓ P11592 | (5)

AR 04/30/2022

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

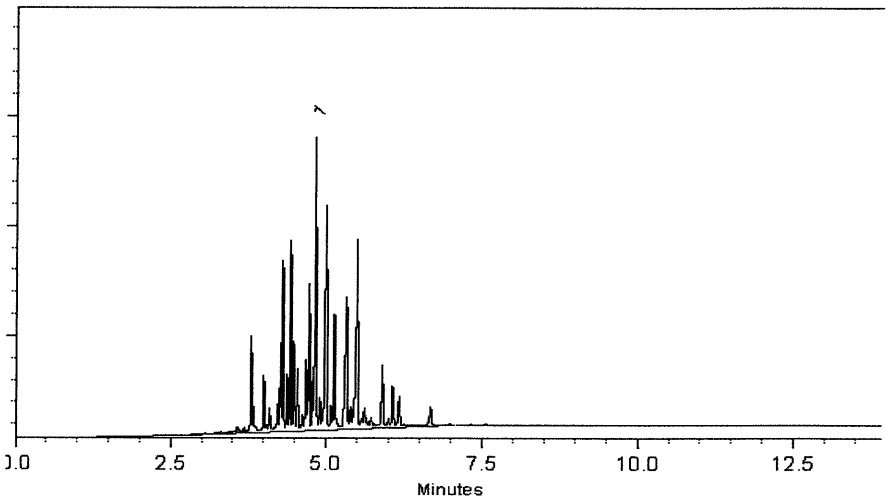
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Cathleen Soltis - Mix Technician

Date Mixed: 15-Aug-2021 **Balance:** 1128360905

Alexis Shelow - Operations Tech I

Date Passed: 17-Aug-2021

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P11588 | (5)
1
P11592

AR
04/30/22

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

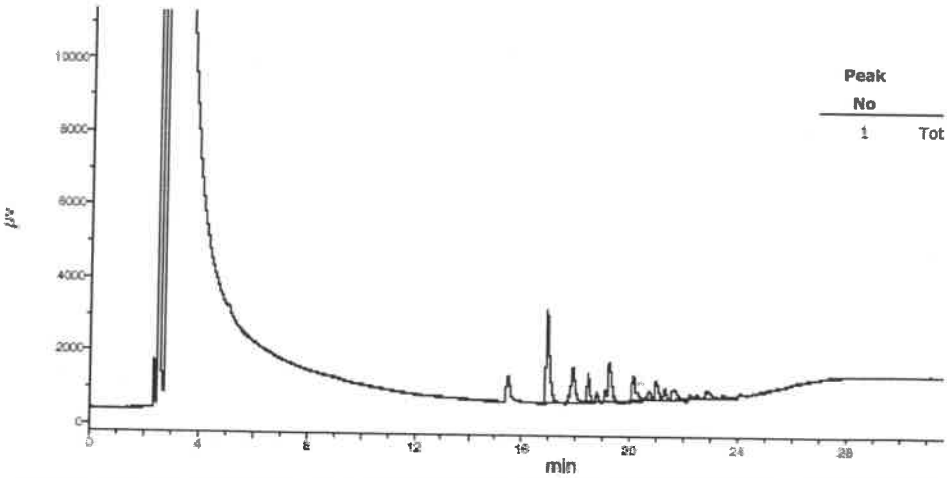
5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 100.0 0.057 Flask Uncertainty

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Targ Weight (g
1. Aroclor 1232	17	45-6A	100	100	0.5	0.01000

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measure Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



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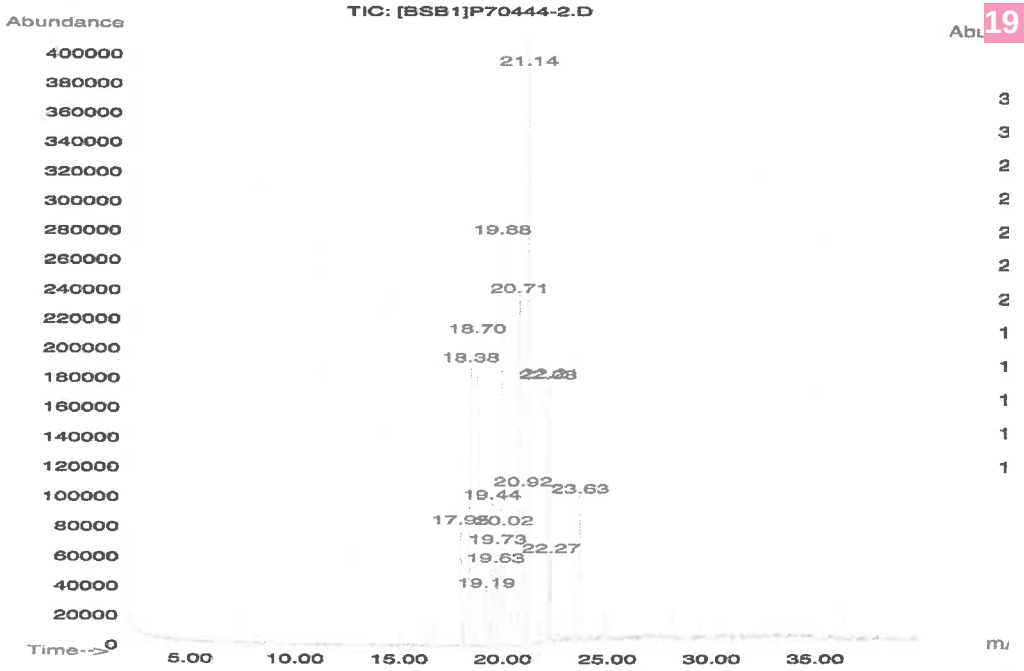
Certified Refere

CERTIFIED WEIGHT REPORT

Part Number:	X9166	**Solvent(s):**	
Lot Number:	060523	Methanol	E
Description:	Aroclor 1262 Appendix IX Compound		
Expiration Date:	060533		
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	0.002	Flask Uncertainty

Compound	Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)
1. Aroclor 1262	70444	080322	0.10	2.00	0.017

Method GC7MSD-7.M: Column:(30m X 0.25mm ID X 0.25µm film thickn
min.), Rate = 8°C/min., Injector B= 200°C, Detector B = 290°C.



- The certified value is the concentration calculated from gravimetric and volumetric me
- Standards are prepared gravimetrically using balances that are calibrated with weight
- 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 appro
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

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Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

Q3017-PCB

CERTIFIED WEIGHT REPORT

Part Number:	20064
Lot Number:	022023
Description:	CLP PCB'S - Aroclor Mix
	Aroclors 1016 & 1260
Expiration Date:	022033
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	1000
NIST Test ID#:	6UTB

Solvent(s):	Lot#
Hexane	273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

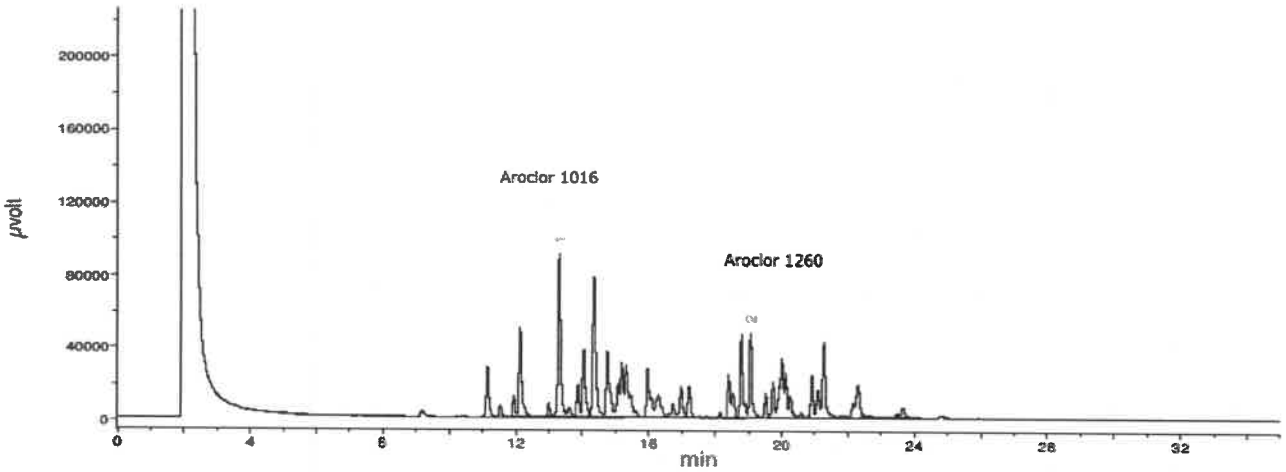
	022023	
Formulated By:	Benson Chan	DATE
	022023	
Reviewed By:	Pedro L. Rentas	DATE

P12946 ↓ P12955 — Y.P. 12/20/23

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1016	15	020491JC	1000	100	0.2	0.20004	0.20060	1002.8	4.0	12674-11-2	N/A	N/A
2. Aroclor 1260	21	020491JC	1000	100	0.2	0.20004	0.20081	1003.9	4.0	11096-82-5	0.5mg/m3	orl-rat 1315mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



666 of 1191

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Certified Reference Material CRM

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AR-1539 Certificate Number
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Q3017-PCB

CERTIFIED WEIGHT REPORT

Part Number:	20064
Lot Number:	022023
Description:	CLP PCB'S - Aroclor Mix
	Aroclors 1016 & 1260
Expiration Date:	022033
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	1000
NIST Test ID#:	6UTB

Solvent(s): Hexane **Lot#** 273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

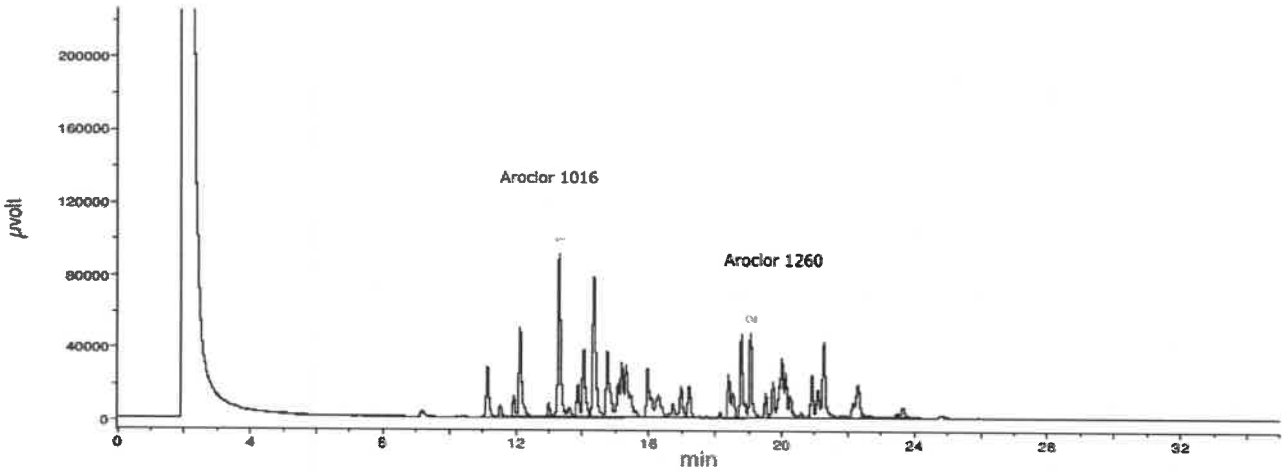
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

P12946 ↓ P12955 — Y.P. 12/20/23

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1016	15	020491JC	1000	100	0.2	0.20004	0.20060	1002.8	4.0	12674-11-2	N/A	N/A
2. Aroclor 1260	21	020491JC	1000	100	0.2	0.20004	0.20081	1003.9	4.0	11096-82-5	0.5mg/m3	orl-rat 1315mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



668 of 1191

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Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

Q3017-PCB

CERTIFIED WEIGHT REPORT

Part Number:	99139	**Solvent(s):**	**Lot#**	
Lot Number:	121823	Iso-octane	82227	
Description:	Aroclor 1254			
Expiration Date:	121833			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	100			
NIST Test ID#:	6UTB	5E-05	Balance Uncertainty	
Volume(s) shown below were combined and diluted to (mL):		20.0	0.003	Flask Uncertainty

Note: Aroclor 1254 is a mix of isomers.

Formulated By:	Anthony Mahoney	121823 DATE
Reviewed By:	Pedro L. Rentas	121823 DATE

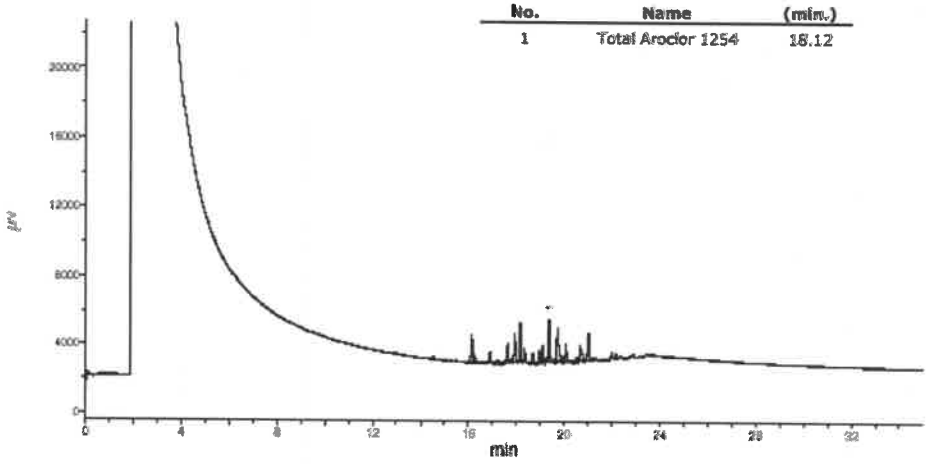
P12956 & P12957 Y.P. 12/20/23

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(µg/mL)	Final Conc.(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1254	79100	121823	0.10	2.00	0.017	1003.3	100.1	1.8	11097-69-1	0.5mg/m3 (skin)	orl-rat 1295mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3

Peak No.	Name	FID RT (min.)
1	Total Aroclor 1254	18.12



670 of 1191

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

P13348 (10) → P13357

Catalog No. : 32000 **Lot No.:** A0206810

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

04/25/2024

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.3 µg/mL	+/- 11.1143
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	200.6 µg/mL	+/- 11.1298

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
hellum-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

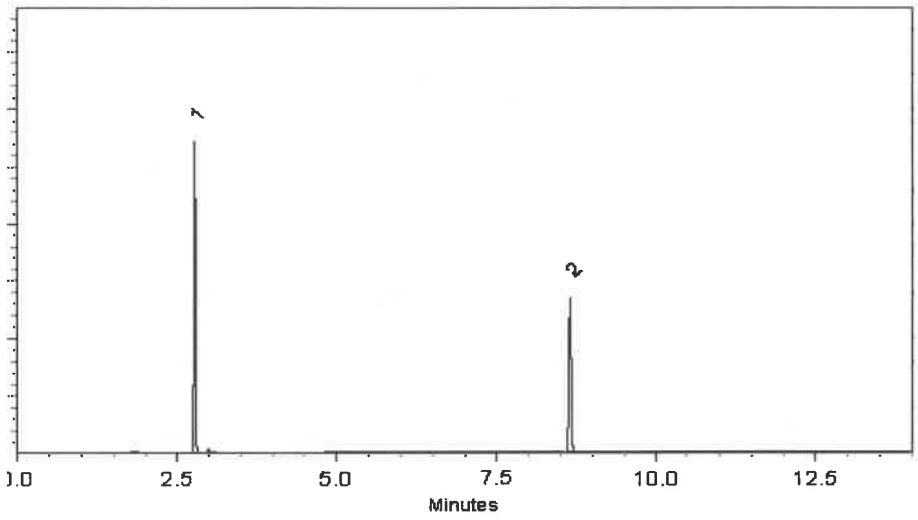
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I **Date Mixed:** 22-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 24-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P13348 (10)
↓
P13357
04/25/2025

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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. : 32007 **Lot No.:** A0207511

Description : Aroclor® 1221 Standard

Aroclor® 1221 Standard 1,000 µg/mL, Hexane, 1mL/ampul

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 1221	11104-28-2	13192500	----%	1,002.7 µg/mL	+/- 55.6424

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P 13374 (2)
P 13375 1

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.)

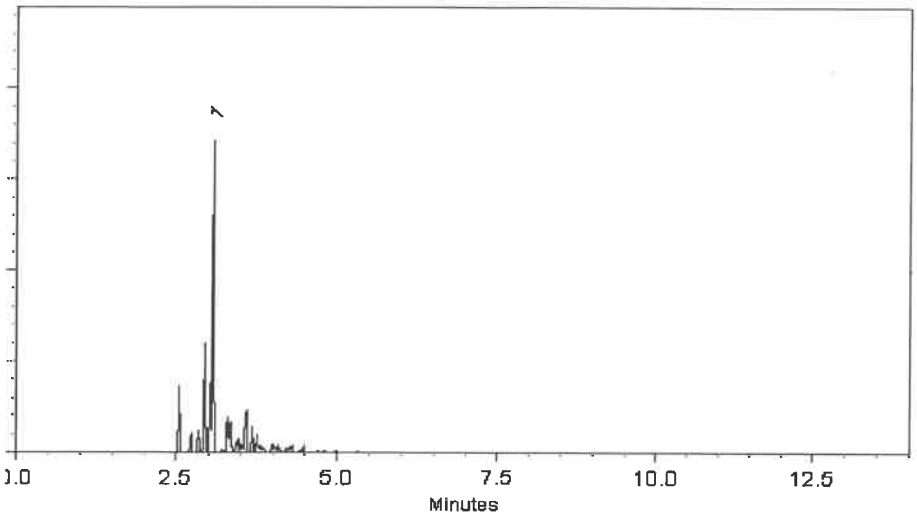
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
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:** 06-Feb-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 08-Feb-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P13374 (2)
↓
P13375

05/6/2024

ISO 17034

Agilent
Trusted Answers

Reference Material Certificate

Product Name:	Aroclor 1242 Standard	**Lot Number:**	0006665550
Product Number:	PP-312-1	**Lot Issue Date:**	08-Feb-2022
Storage Conditions:	Store at Room Temperature (15° to 30°C).	**Expiration Date:**	31-Jan-2027

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
Trusted Answers

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

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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
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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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. : 32010 **Lot No.:** A0214733

Description : Aroclor® 1248 Standard

Aroclor® 1248 Standard 1,000µg/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

P13695
P13696
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 1248	12672-29-6	15242800	----%	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.)

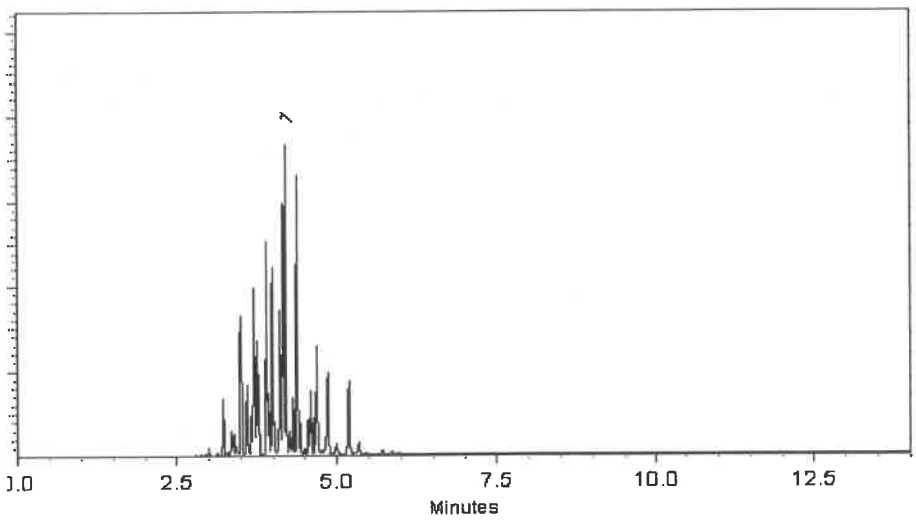
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
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.

Rebecca Gingerich - Operations Tech II

Date Mixed: 02-Aug-2024 **Balance Serial #** C322230531

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 13-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.

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Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32039 **Lot No.:** A0210629

P13697 → P13701 Y.P. 10/19/24

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

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.)

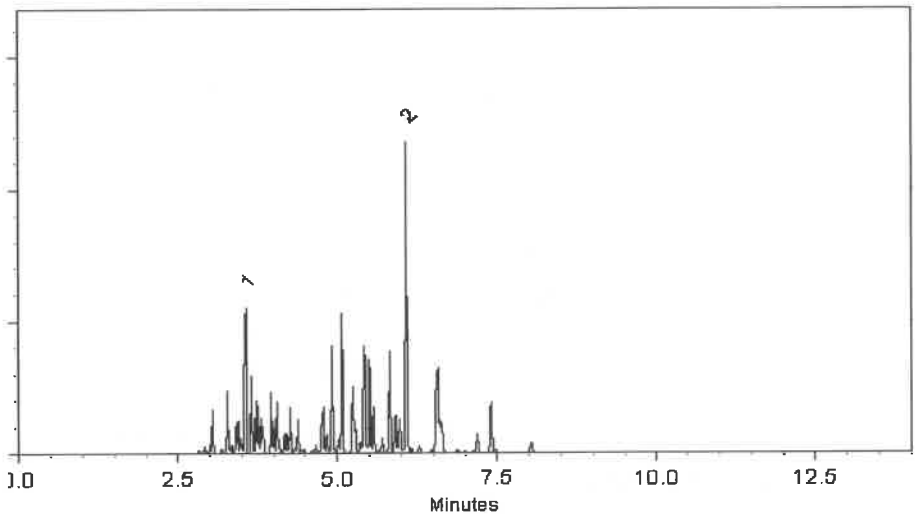
Inj. Temp:
250°C

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.

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32009 **Lot No.:** A0210232

Description : Aroclor® 1242 Standard

Aroclor® 1242 Standard 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

P13706
P13707
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 1242	53469-21-9	01141	----%	1,000.7 µg/mL	+/- 55.5295

* 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.)

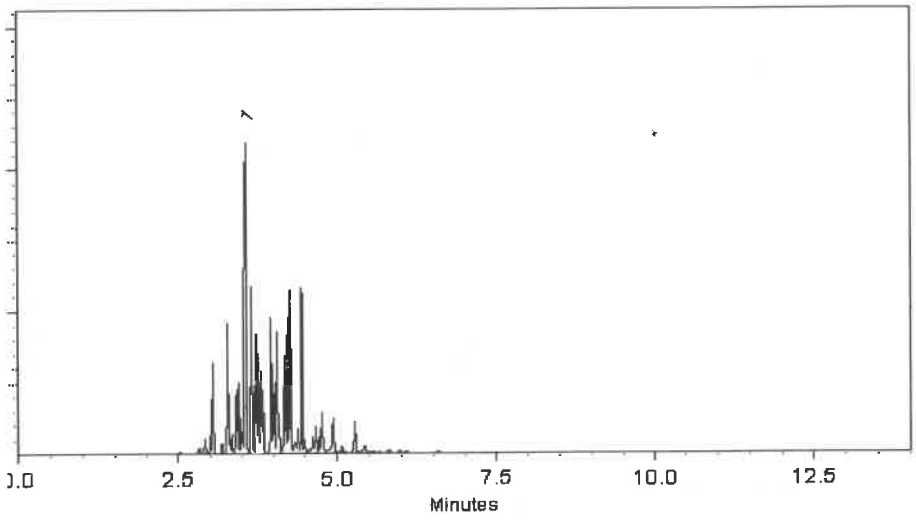
Inj. Temp:
250°C

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.

Amanda Miller - Operations Tech III - ARM QC

Date Mixed: 11-Apr-2024 **Balance Serial #** B442140311

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 17-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.

Q3017-PCB

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Certificate of Analysis

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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. : 32000 **Lot No.:** A0214495

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

P13785 ↓ P13789 AJ 11/19/24

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%	200.2 µg/mL	+/- 11.1087
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30679	99%	201.4 µg/mL	+/- 11.1753

* 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.

Q3017-PCB

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.)

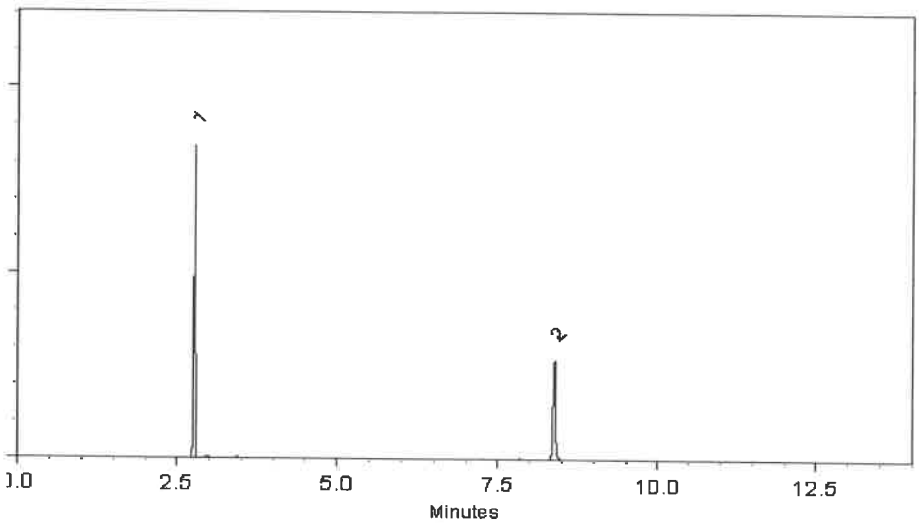
Inj. Temp:
250°C

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.

Aaron Enyart - Operations Tech I

Date Mixed: 29-Jul-2024 **Balance Serial #** B345965662

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 01-Aug-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

Q3017-PCB

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

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Catalog No. : 32000 **Lot No.:** A0214495

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

P13785 ↓ P13789 AJ 11/19/24

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%	200.2 µg/mL	+/- 11.1087
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30679	99%	201.4 µg/mL	+/- 11.1753

* 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.

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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.

Q3017-PCB

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.)

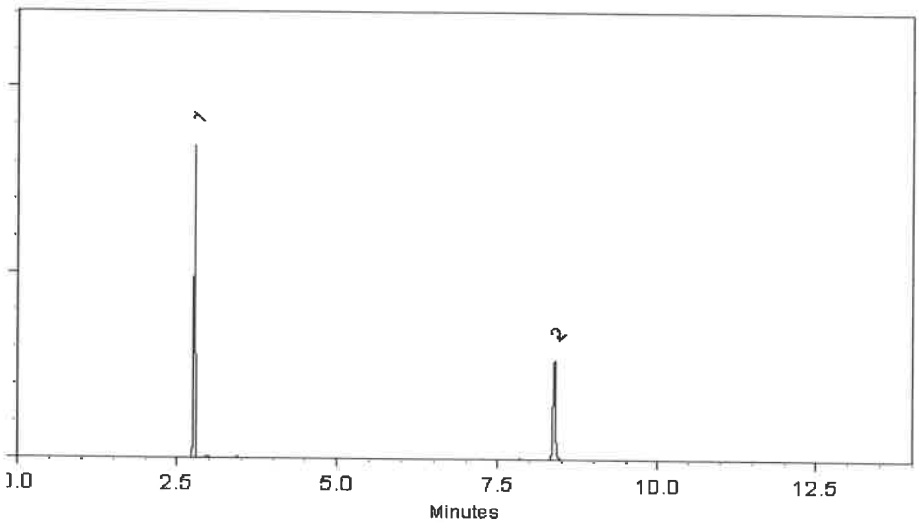
Inj. Temp:
250°C

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.

Aaron Enyart - Operations Tech I

Date Mixed: 29-Jul-2024 **Balance Serial #** B345965662

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 01-Aug-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. : 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
↓
P13834

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.)

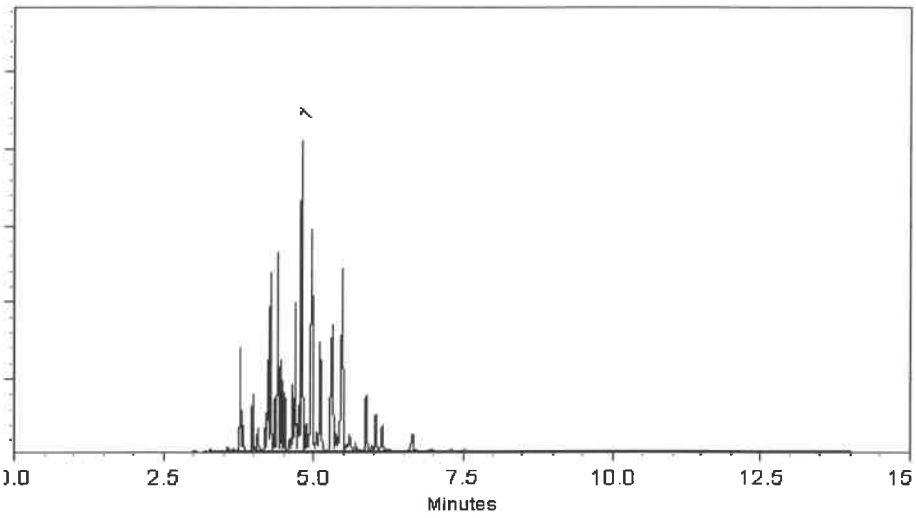
Inj. Temp:
250°C

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

Q3017-PCB

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

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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. : 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

700 of 1191

Q3017-PCB

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.)

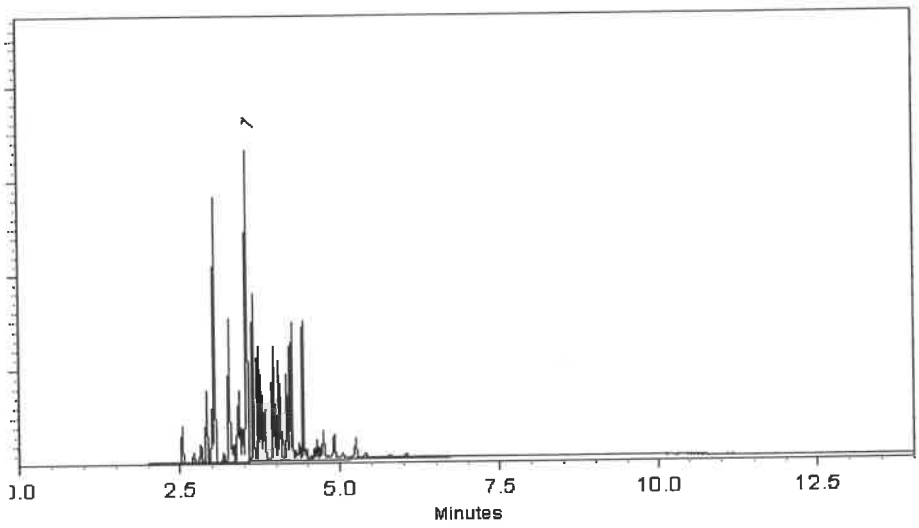
Inj. Temp:
250°C

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

Q3017-PCB

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

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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. : 32409 **Lot No.:** A0217041

Description : Aroclor® 1262 Standard

Aroclor® 1262 Standard 1,000 µg/mL, 1mL/ampul, Hexane

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : December 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 1262	37324-23-5	10849100	----%	1,000.0 µg/mL	+/- 55.4925

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P13881

AJ
01/28/25

Q3017-PCB

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.)

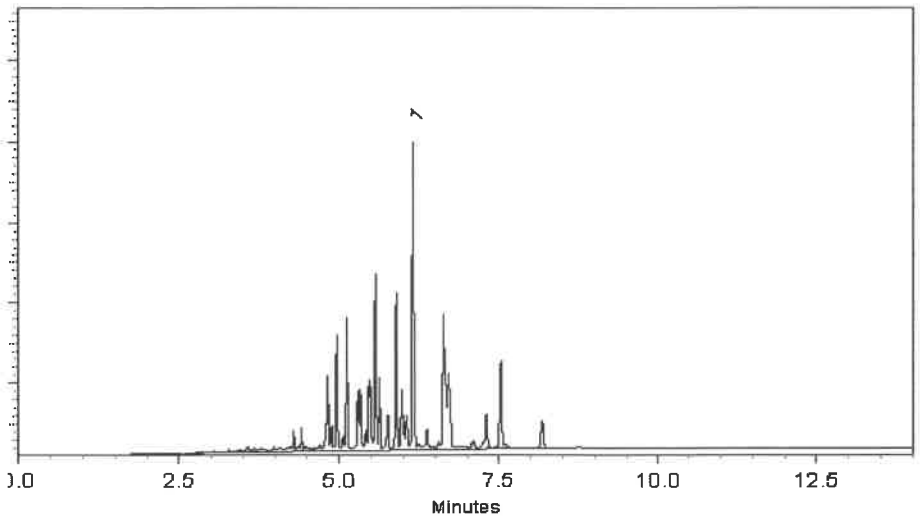
Inj. Temp:
250°C

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.

Rebecca Gingerich - Operations Tech II

Date Mixed: 25-Sep-2024 **Balance Serial #** C322230531

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 30-Sep-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

Q3017-PCB

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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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. : 32410 **Lot No.:** A0217264

Description : Aroclor® 1268 Standard

Aroclor® 1268 Standard 1,000 µg/mL, 1mL/ampul, Hexane

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 1268	11100-14-4	12353400	----%	1,009.8 µg/mL	+/- 56.0364

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P13884
↓
P13886

AJ
01/28/25

Q3017-PCB

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.)

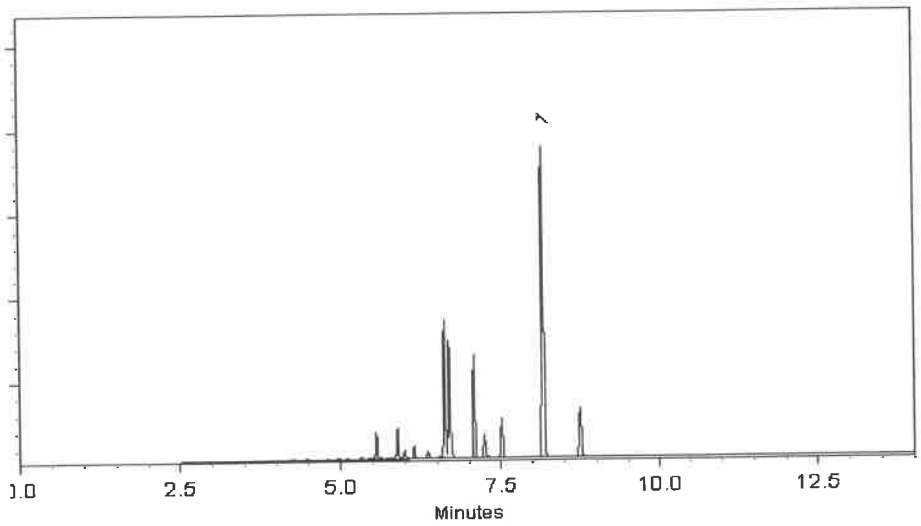
Inj. Temp:
250°C

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.

Stacey Wanner - Operations Technician I — **Date Mixed:** 01-Oct-2024 — **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC — **Date Passed:** 02-Oct-2024

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

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker

W3234 JB
Update: 07/28/2025

Material No.: 9262-03
Batch No.: 25C0362005
Manufactured Date: 2025-01-29
Expiration Date:2026-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	<= 5	5
Assay (Total Saturated C_6 Isomers) (byGC, corrected for water)	>= 99.5 %	100.0 %
Assay (as n-Hexane) (by GC, correctedfor water)	>= 95 %	100 %
Color (APHA)	<= 10	10
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: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

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: Q 3016 3017

COC Number:

CLIENT INFORMATION	PROJECT INFORMATION	BILLING INFORMATION
COMPANY: Tetra Tech	PROJECT NAME: NWIRP Bethpage	BILL TO: SEE CONTRACT PO#
ADDRESS: 4433 Corporation Ln, Suite 300	PROJECT #: 112G08005-WE13 LOCATION: GW IDW	ADDRESS:
CITY: Virginia Beach STATE: VA ZIP: 23462	PROJECT MANAGER: Ernie Wu	CITY: STATE: ZIP:
ATTENTION: Ernie Wu	E-MAIL: ernie.wu@tetratech.com	ATTENTION: PHONE:
PHONE: 757-466-4901 FAX: 757-461-4148	PHONE: 757-466-4901 FAX: 757-461-4148	

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

- ☐ RESEULTS 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
	VOCs (EPA 624)	pH	Total Metals	PCB's (EPA 8082)					
PRESERVATIVES	A		B						

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	1	2	3	4	5	6	7	8	9	COMMENTS
1.	BP-TB-20250903	QA		X	9/3/25	9:00	2	2									Trip Blank
2.	TT-076-IDWGW-20250903	AQ		X	9/3/25	11:30	5	2	1	1	1						pH 1.0
3.	TT-077-IDWGW-20250903	AQ		X	9/3/25	11:40	5	2	1	1	1						"
4.	TT-078-IDWGW-20250903	AQ		X	9/3/25	11:50	5	2	1	1	1						"
5.	TT-079-IDWGW-20250903	AQ		X	9/3/25	12:00	5	2	1	1	1						"
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

	RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1.		9/3/25 1430	1.
2.	RELINQUISHED BY	DATE/TIME 9/4/25 9:30	RECEIVED BY 2.
3.	RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY 3.

Conditions of bottles or coolers at receipt: Compliant Non Compliant Cooler Temp 2.3°C
MeOH extraction requires an additional 4oz. Jar for percent solid Ice in Cooler?: yes
Comments:
48hr TAT - CTO-WE13 Drilling GW IDW Sampling - Frac Tank #1 (TT076), #2 (TT077), #3 (TT078), #5 (079)

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

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3017 TETR06 **Order Date :** 9/4/2025 10:17:00 AM **Project Mgr :**
Client Name : Tetra Tech NUS, Inc. **Project Name :** NWIRP Bethpage 112G080 **Report Type :** Level 4
Client Contact : Ernie Wu **Receive DateTime :** 9/4/2025 9:30:00 AM **EDD Type :** ADAPT
Invoice Name : Tetra Tech NUS, Inc. **Purchase Order :** **Hard Copy Date :**
Invoice Contact : Ernie Wu **Date Signoff :**

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3017-01	BP-TB-20250903	Water	~~09/04/2025~~ 09/03/2025	09:00	VOC-TCLVOA-10		624.1	2 Bus. Days	
Q3017-02	TT-076-IDWGW-20250903	Water	~~09/04/2025~~ 09/03/2025	11:30	VOC-TCLVOA-10		624.1	2 Bus. Days	
Q3017-03	TT-077-IDWGW-20250903	Water	~~09/04/2025~~ 09/03/2025	11:40	VOC-TCLVOA-10		624.1	2 Bus. Days	
Q3017-04	TT-078-IDWGW-20250903	Water	~~09/04/2025~~ 09/03/2025	11:50	VOC-TCLVOA-10		624.1	2 Bus. Days	
Q3017-05	TT-079-IDWGW-20250903	Water	~~09/04/2025~~ 09/03/2025	12:00	VOC-TCLVOA-10		624.1	2 Bus. Days	

Relinguished By : _____
Date / Time : 9/4/25 11:05

Received By : _____
Date / Time : 9/4/25 1105

Storage Area : **VOA Refridgerator Room**

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113007.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 11:06
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 11:21:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 18 11:21:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.663	3.654	38705497	24699023	4.728	4.881
2)	SA Decachlor...	8.681	8.626	33724342	8728376	4.865	4.606
	Target Compounds						
3)	L1 AR-1016-1	4.747	4.728	12924748	8716922	48.963	51.104
4)	L1 AR-1016-2	4.765	4.747	18948771	13256000	47.203	51.448
5)	L1 AR-1016-3	4.823	4.922	13003930	7770949	50.991	55.660
6)	L1 AR-1016-4	4.942	4.964	12149479	7218889	55.714	61.859
7)	L1 AR-1016-5	5.199	5.176	12331019	7956952	55.638	55.827
31)	L7 AR-1260-1	6.235	6.203	30102204	14036794	67.214	55.031
32)	L7 AR-1260-2	6.424	6.391	38557140	19279056	55.026	55.766
33)	L7 AR-1260-3	6.790	6.542	29698822	21018087	48.097	70.832 #
34)	L7 AR-1260-4	7.049	7.011	23055337	12235910	51.477	59.040
35)	L7 AR-1260-5	7.292	7.253	59416722	27062013	49.077	57.772

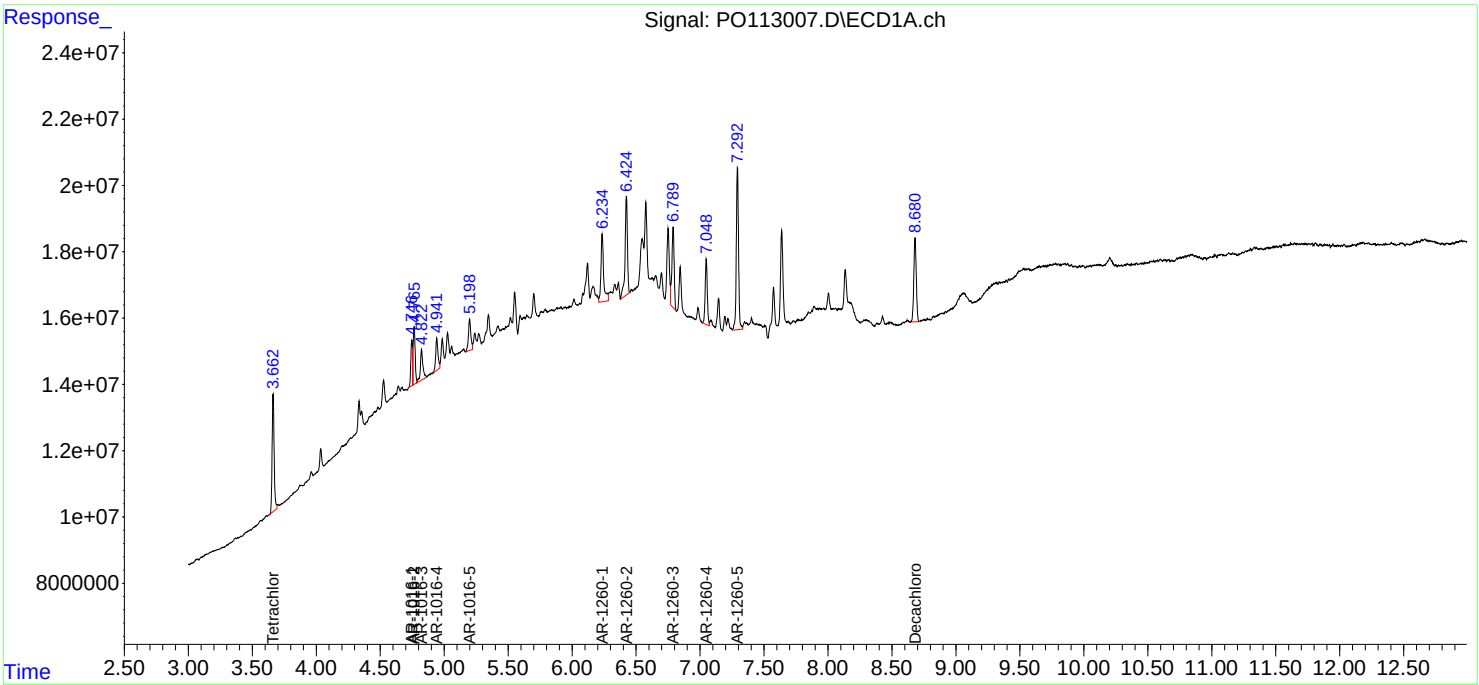
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

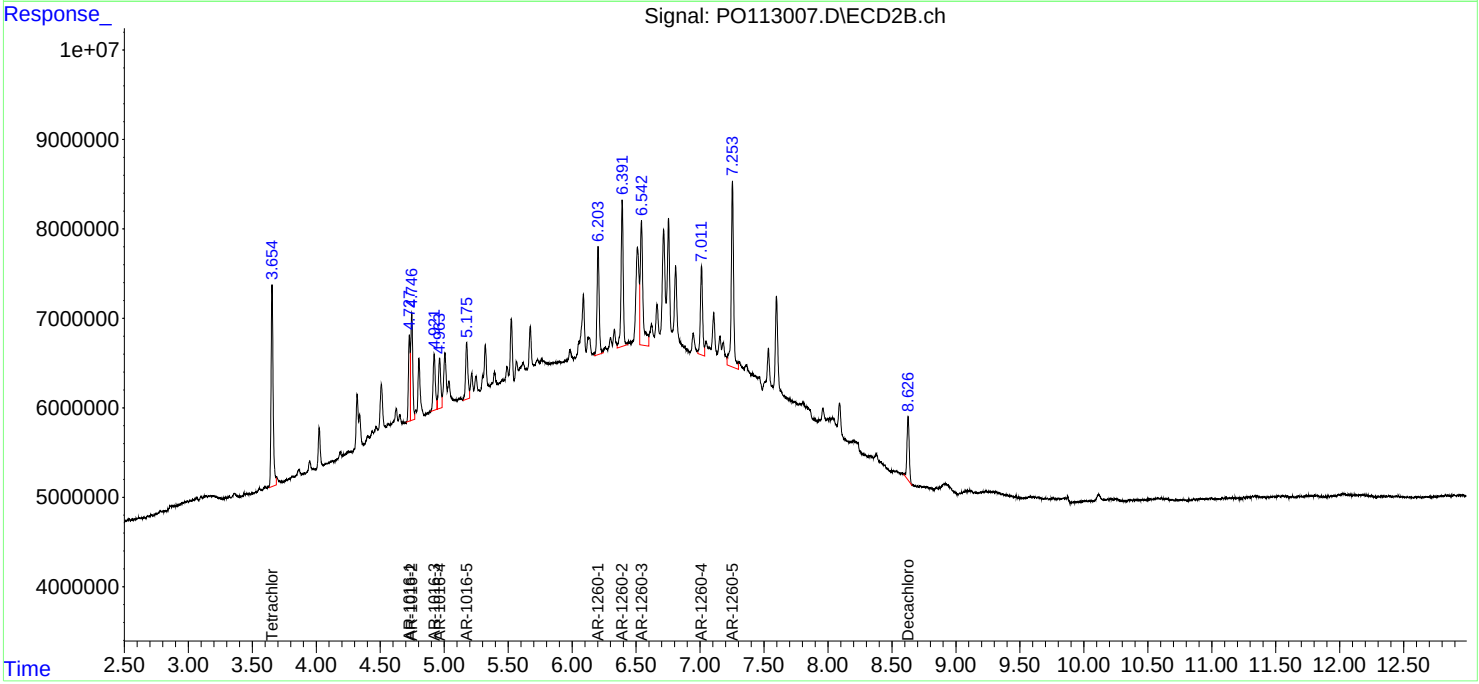
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113007.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 11:06
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

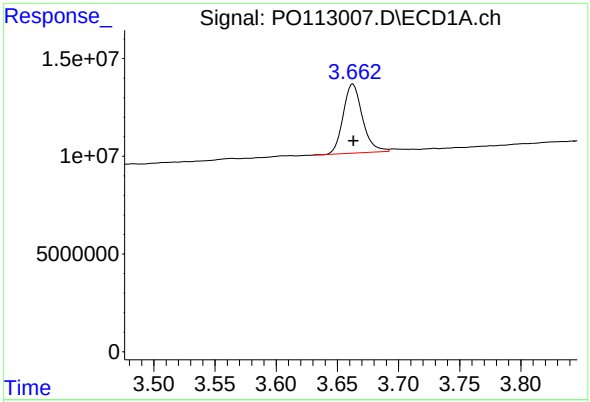
Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 11:21:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 18 11:21:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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



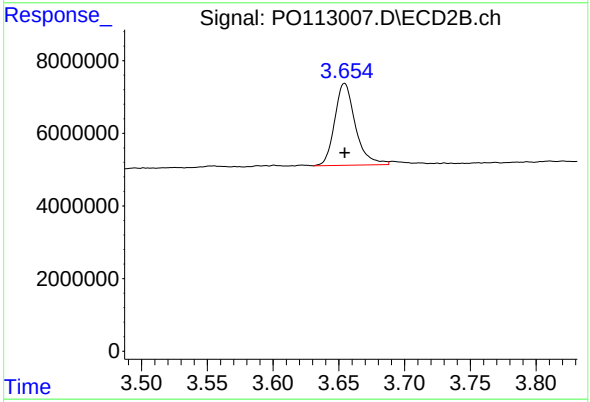




#1 Tetrachloro-m-xylene

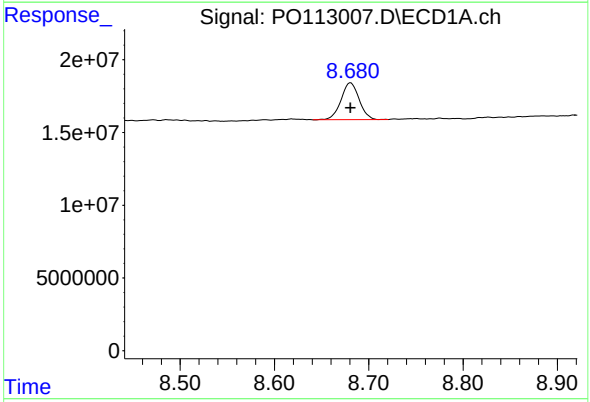
R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 38705497
Conc: 4.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



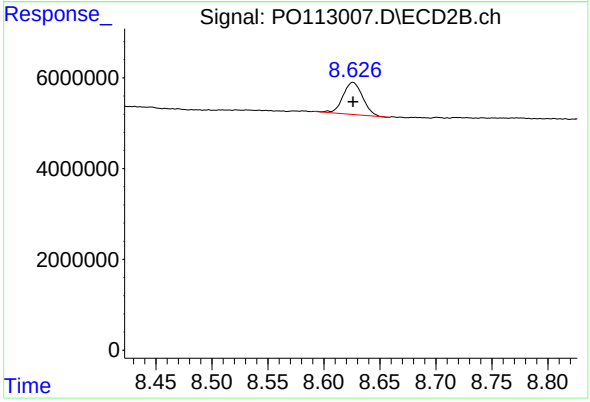
#1 Tetrachloro-m-xylene

R.T.: 3.654 min
Delta R.T.: 0.000 min
Response: 24699023
Conc: 4.88 ng/ml



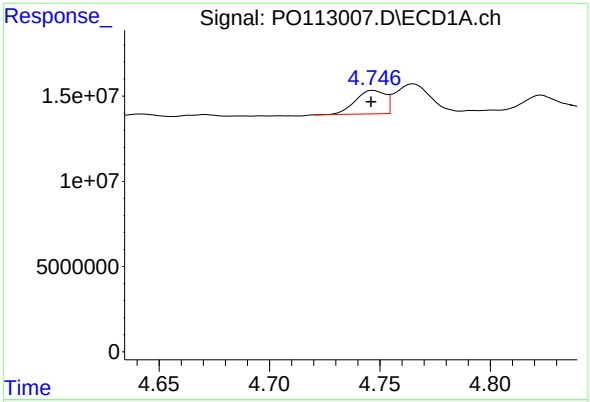
#2 Decachlorobiphenyl

R.T.: 8.681 min
Delta R.T.: 0.000 min
Response: 33724342
Conc: 4.87 ng/ml



#2 Decachlorobiphenyl

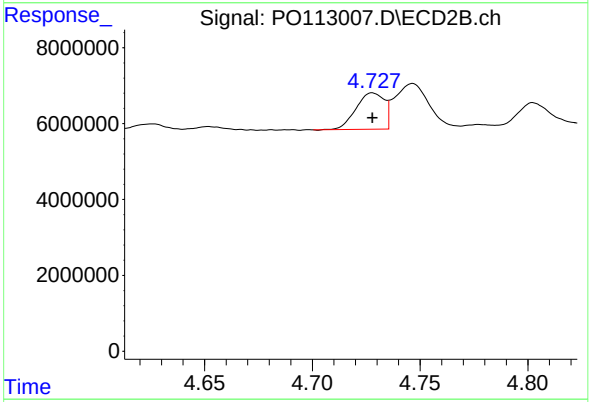
R.T.: 8.626 min
Delta R.T.: 0.000 min
Response: 8728376
Conc: 4.61 ng/ml



#3 AR-1016-1

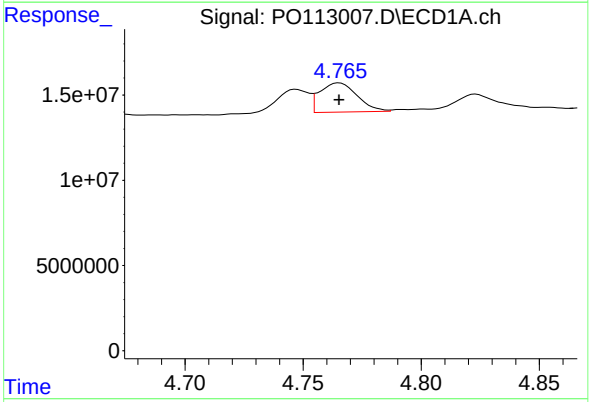
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 12924748
Conc: 48.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



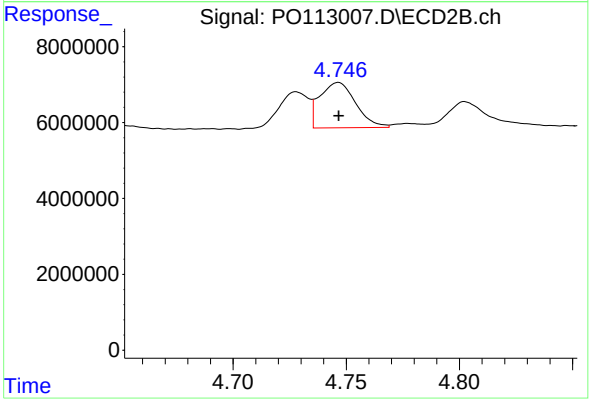
#3 AR-1016-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 8716922
Conc: 51.10 ng/ml



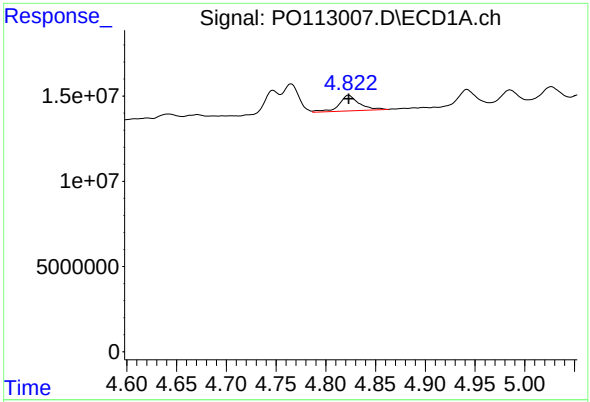
#4 AR-1016-2

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 18948771
Conc: 47.20 ng/ml



#4 AR-1016-2

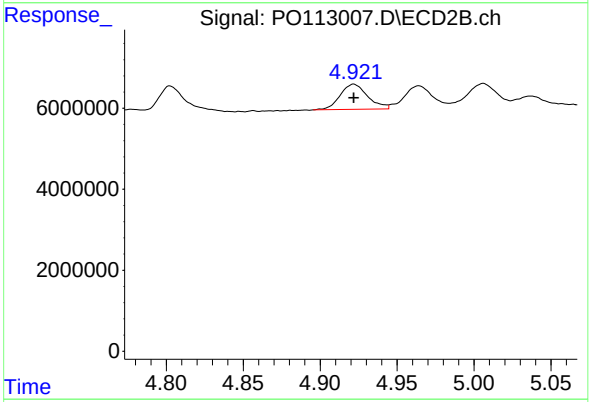
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 13256000
Conc: 51.45 ng/ml



#5 AR-1016-3

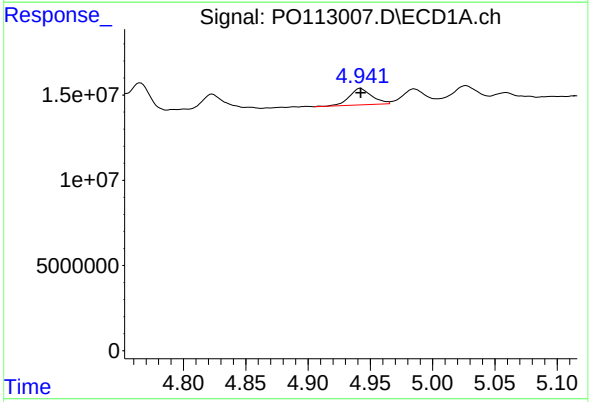
R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 13003930
Conc: 50.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



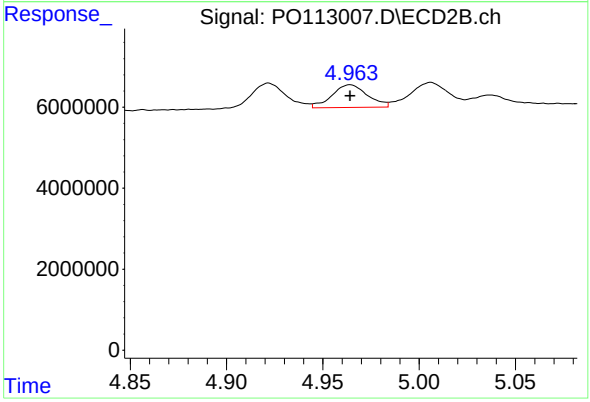
#5 AR-1016-3

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 7770949
Conc: 55.66 ng/ml



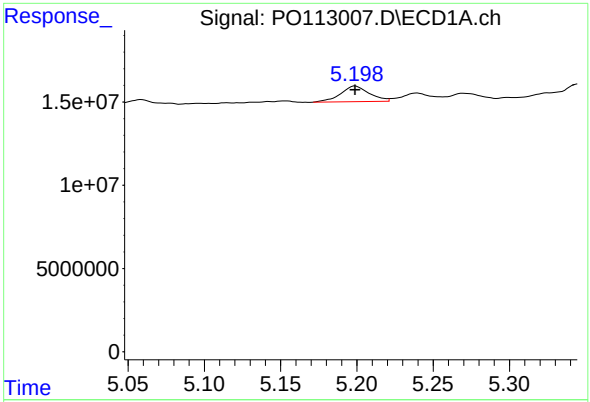
#6 AR-1016-4

R.T.: 4.942 min
Delta R.T.: 0.000 min
Response: 12149479
Conc: 55.71 ng/ml



#6 AR-1016-4

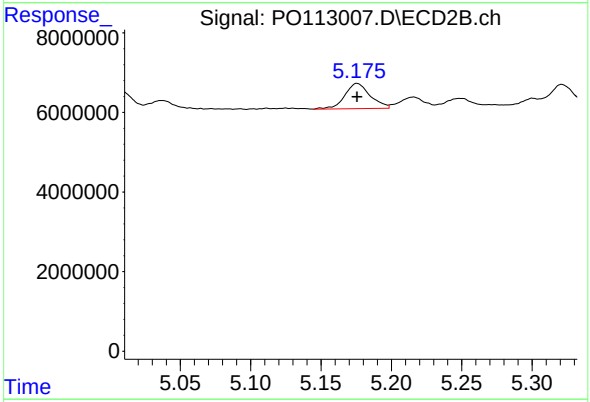
R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 7218889
Conc: 61.86 ng/ml



#7 AR-1016-5

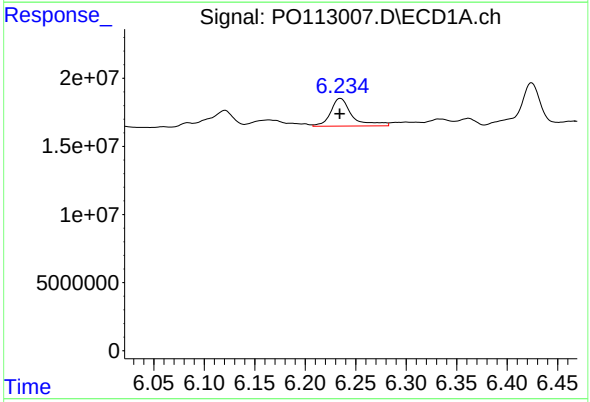
R.T.: 5.199 min
Delta R.T.: 0.000 min
Response: 12331019
Conc: 55.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



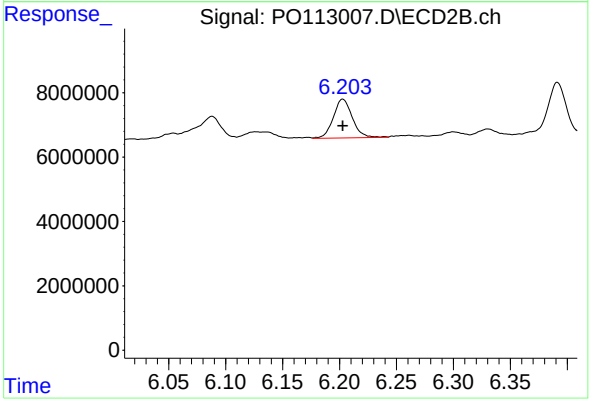
#7 AR-1016-5

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 7956952
Conc: 55.83 ng/ml



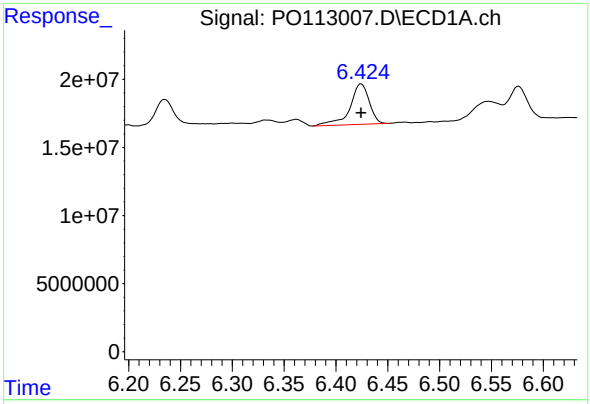
#31 AR-1260-1

R.T.: 6.235 min
Delta R.T.: 0.000 min
Response: 30102204
Conc: 67.21 ng/ml



#31 AR-1260-1

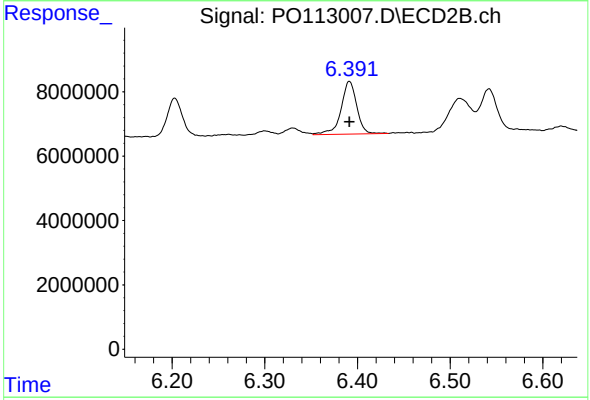
R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 14036794
Conc: 55.03 ng/ml



#32 AR-1260-2

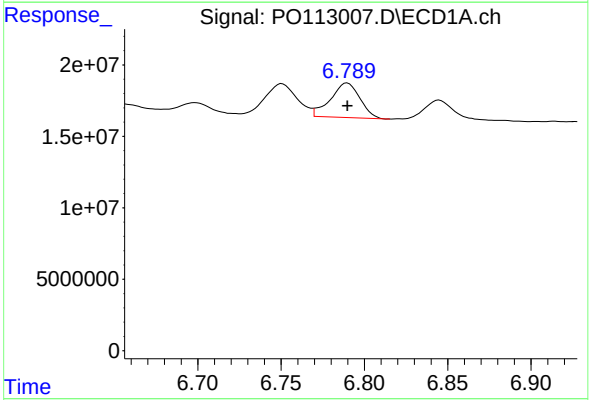
R.T.: 6.424 min
Delta R.T.: 0.000 min
Response: 38557140
Conc: 55.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



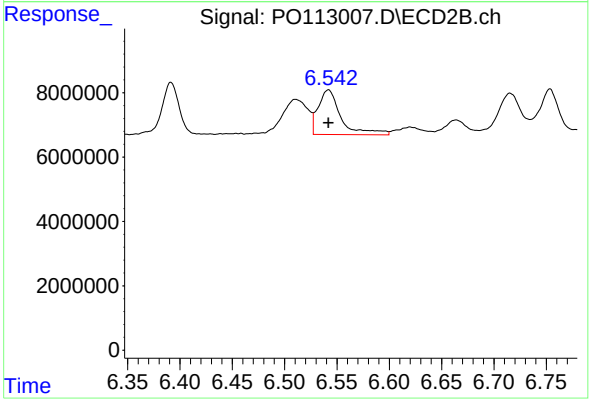
#32 AR-1260-2

R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 19279056
Conc: 55.77 ng/ml



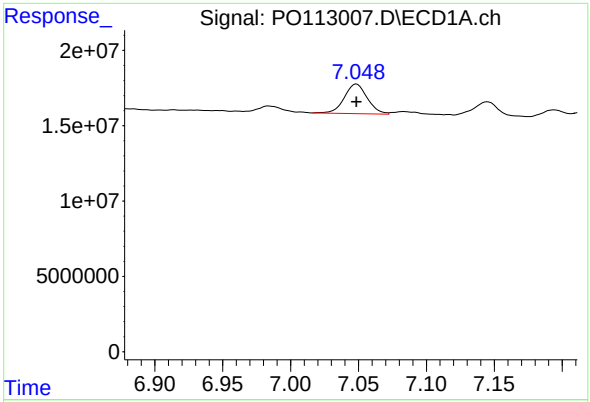
#33 AR-1260-3

R.T.: 6.790 min
Delta R.T.: 0.000 min
Response: 29698822
Conc: 48.10 ng/ml



#33 AR-1260-3

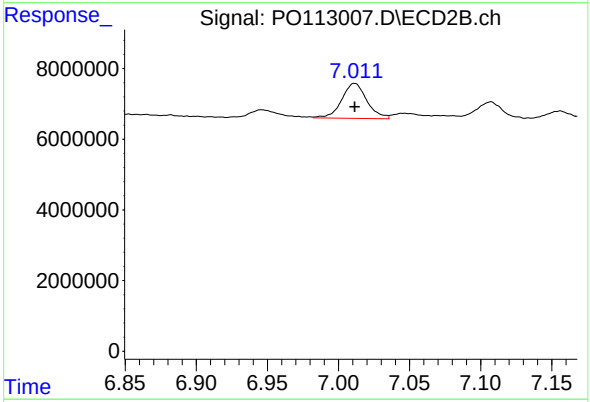
R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 21018087
Conc: 70.83 ng/ml



#34 AR-1260-4

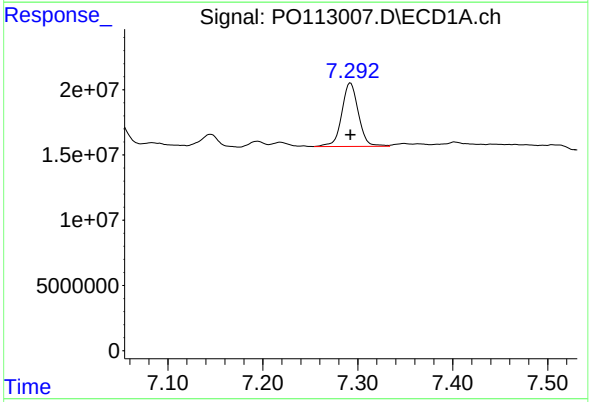
R.T.: 7.049 min
Delta R.T.: 0.000 min
Response: 23055337
Conc: 51.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



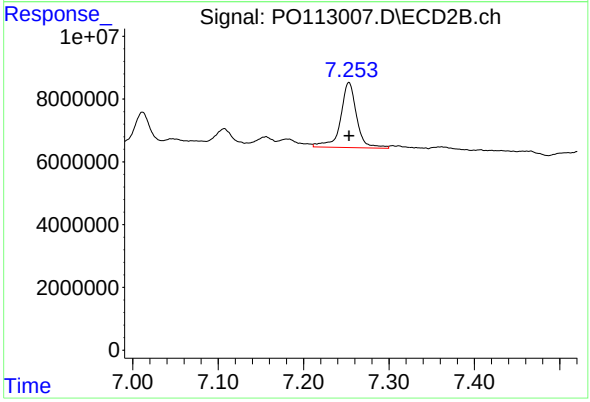
#34 AR-1260-4

R.T.: 7.011 min
Delta R.T.: 0.000 min
Response: 12235910
Conc: 59.04 ng/ml



#35 AR-1260-5

R.T.: 7.292 min
Delta R.T.: 0.000 min
Response: 59416722
Conc: 49.08 ng/ml



#35 AR-1260-5

R.T.: 7.253 min
Delta R.T.: 0.000 min
Response: 27062013
Conc: 57.77 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113014.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 13:15
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:02:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:00:30 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...	3.663	3.655	34925483	22528993	4.035	4.275
2)	SA Decachlor...	8.681	8.627	30372133	8862645	4.126	4.419
	Target Compounds						
16)	L4 AR-1242-1	4.748	4.729	10191430	6960924	41.976	45.677
17)	L4 AR-1242-2	4.766	4.747	15895397	10049295	43.583	44.066
18)	L4 AR-1242-3	4.824	4.922	11619589	6020015	51.107	49.788
19)	L4 AR-1242-4	4.943	5.007	7908544	6750995	43.137	57.396 #
20)	L4 AR-1242-5	5.593	5.526	13303509	9290897	63.491	59.877

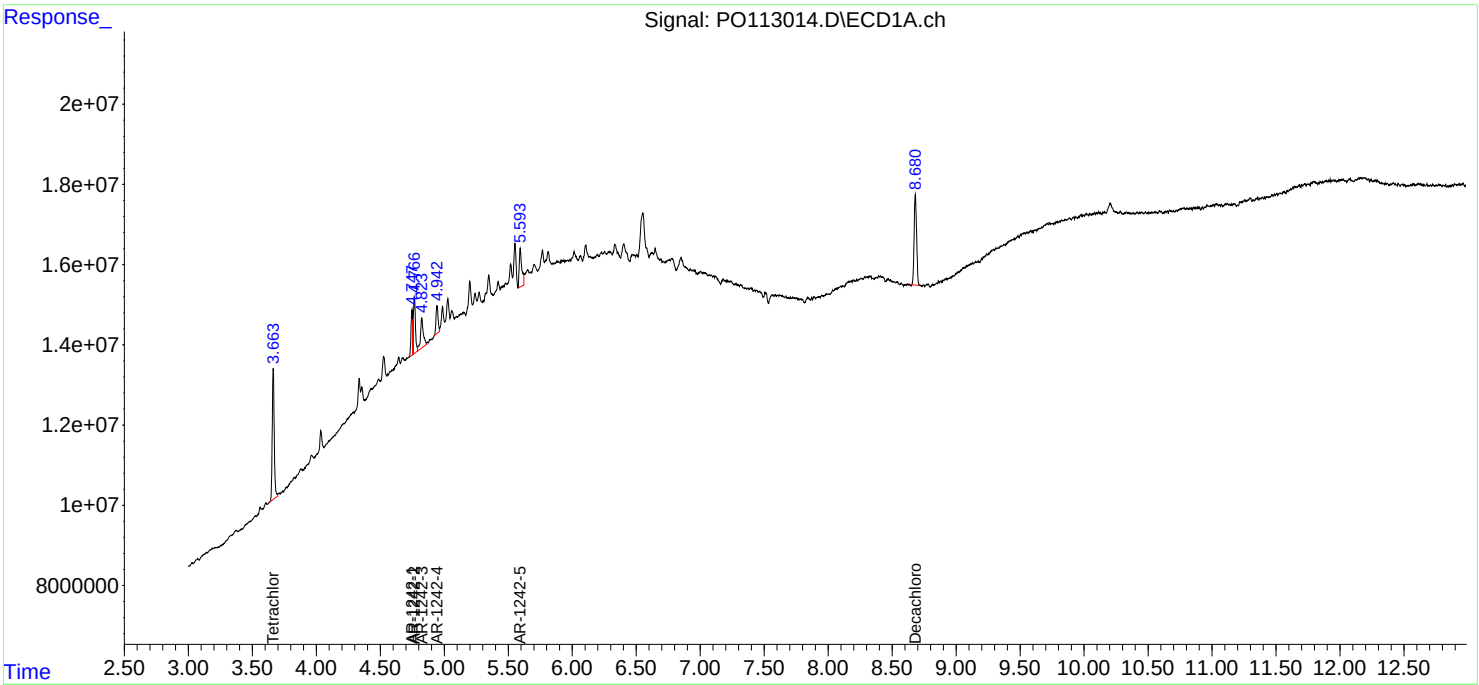
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

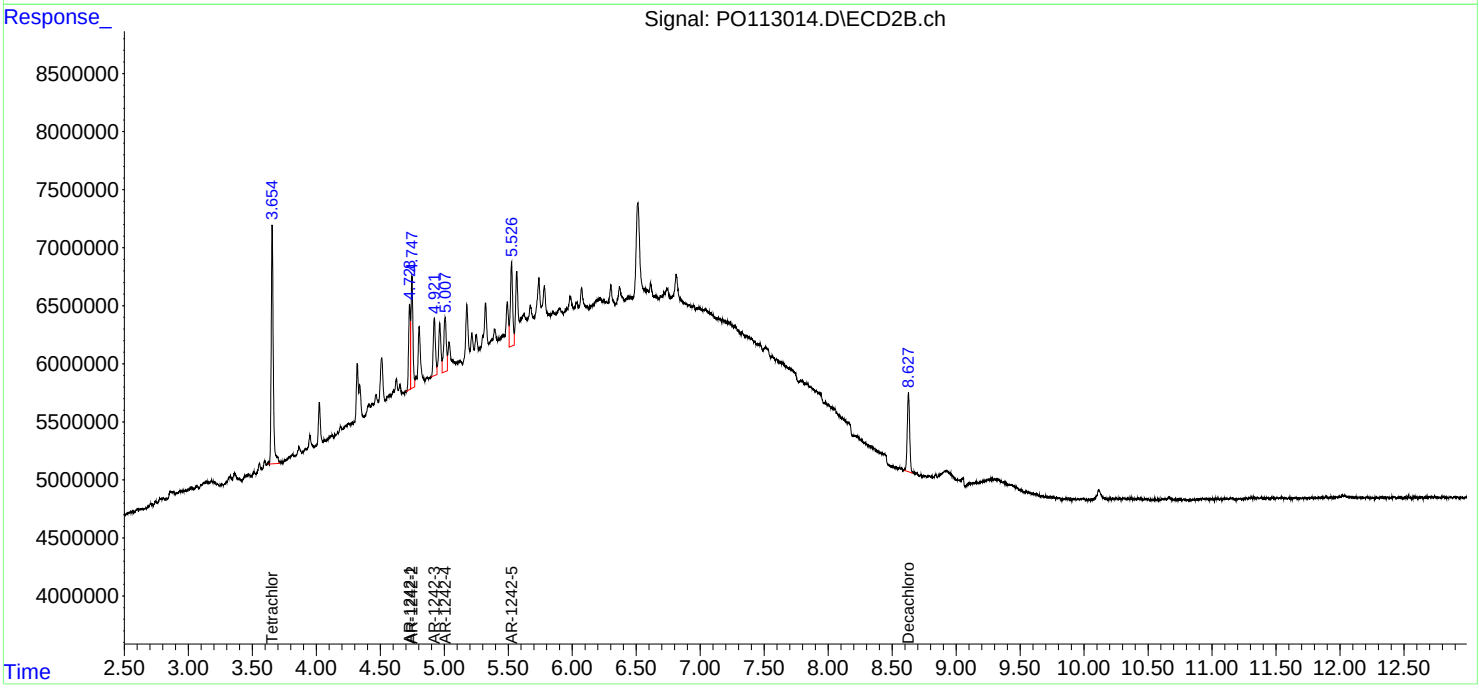
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113014.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 13:15
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

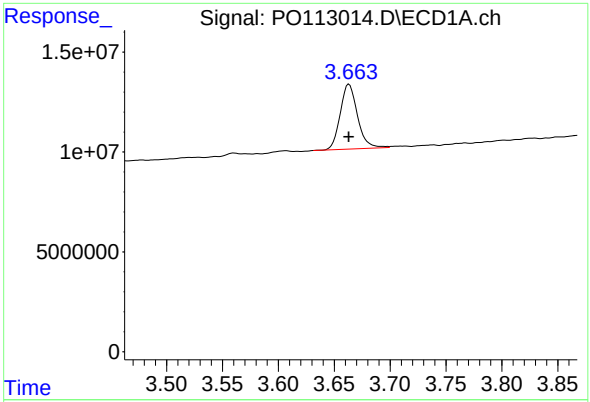
Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:02:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:00:30 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



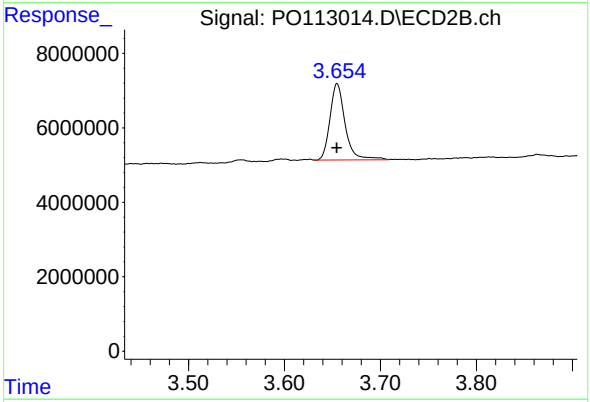




#1 Tetrachloro-m-xylene

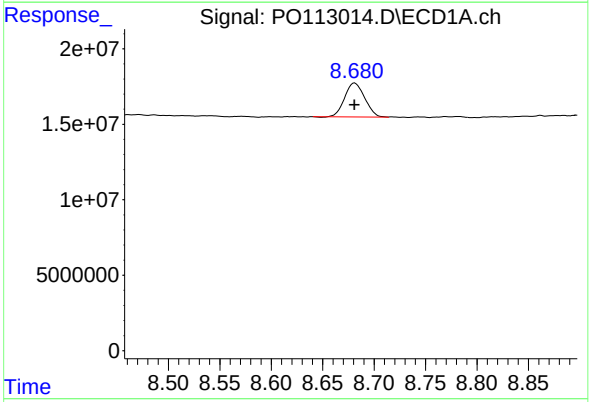
R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 34925483
Conc: 4.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050



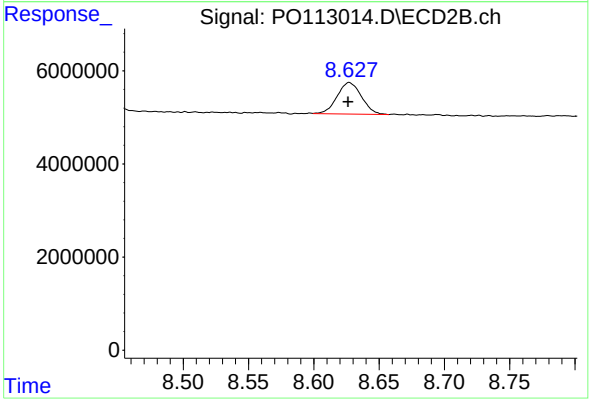
#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 22528993
Conc: 4.27 ng/ml



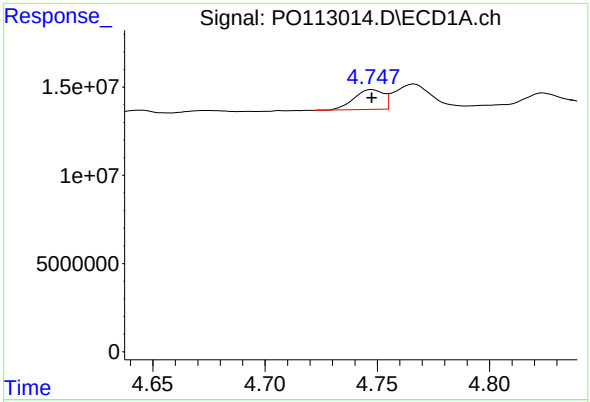
#2 Decachlorobiphenyl

R.T.: 8.681 min
Delta R.T.: 0.000 min
Response: 30372133
Conc: 4.13 ng/ml



#2 Decachlorobiphenyl

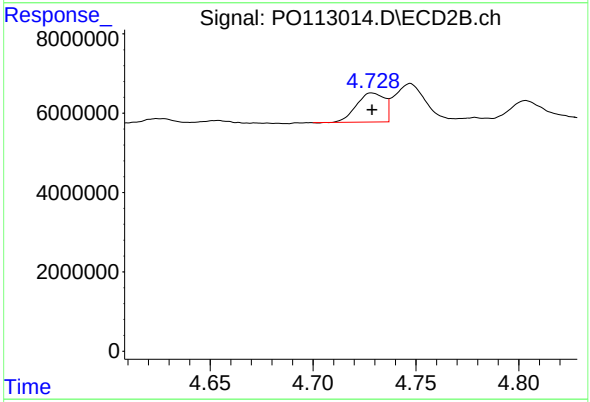
R.T.: 8.627 min
Delta R.T.: 0.000 min
Response: 8862645
Conc: 4.42 ng/ml



#16 AR-1242-1

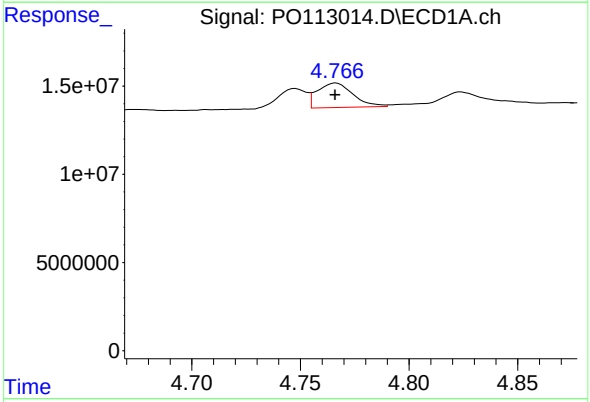
R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 10191430
Conc: 41.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050



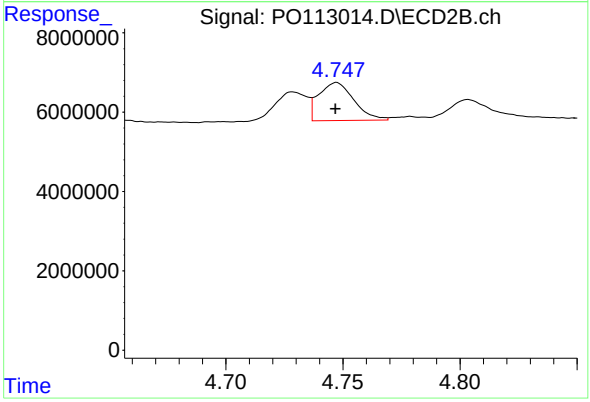
#16 AR-1242-1

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 6960924
Conc: 45.68 ng/ml



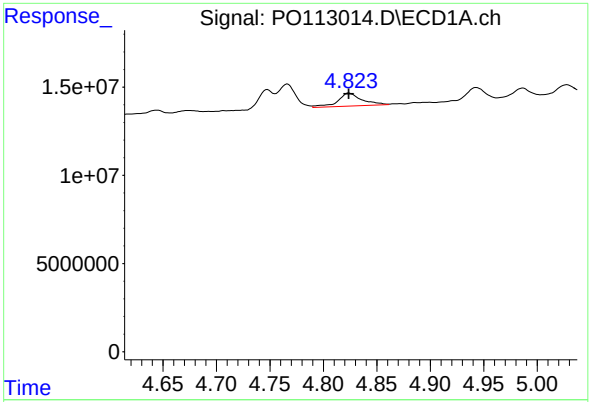
#17 AR-1242-2

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 15895397
Conc: 43.58 ng/ml



#17 AR-1242-2

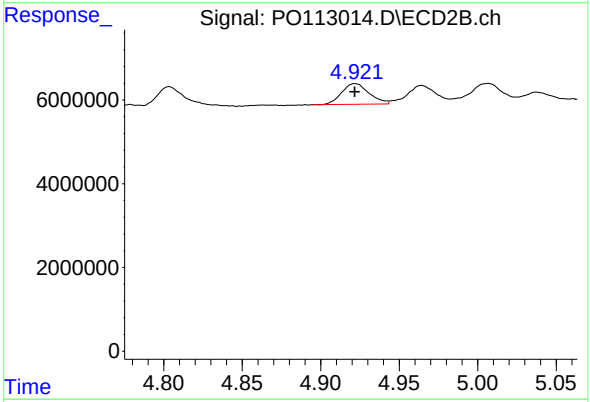
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 10049295
Conc: 44.07 ng/ml



#18 AR-1242-3

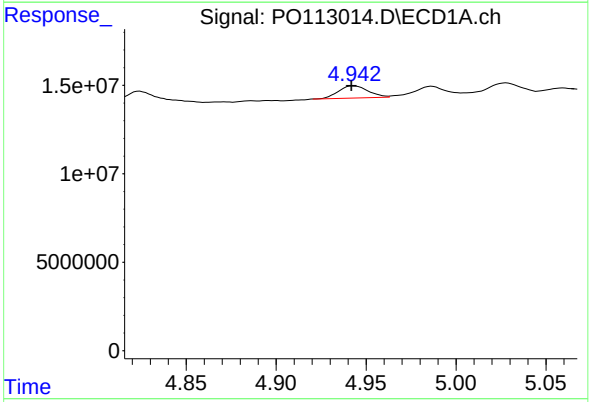
R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 11619589
Conc: 51.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050



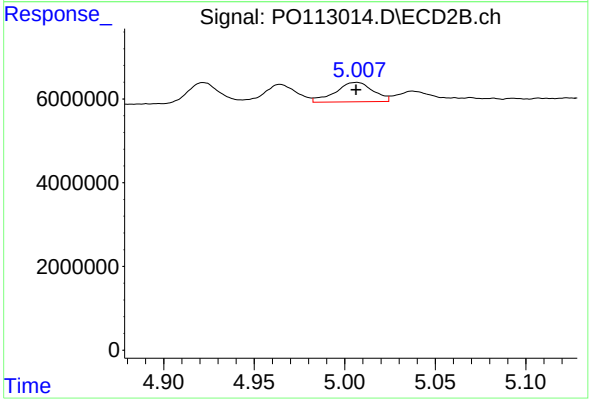
#18 AR-1242-3

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 6020015
Conc: 49.79 ng/ml



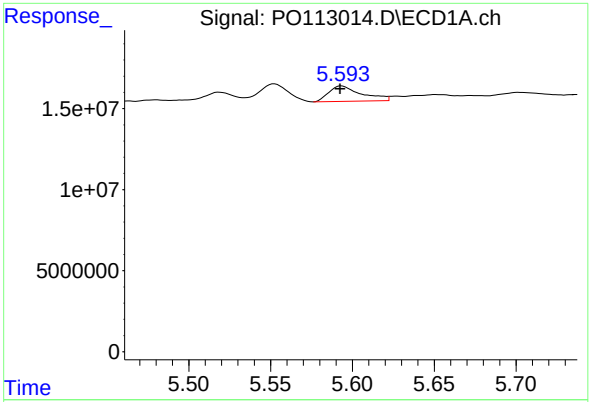
#19 AR-1242-4

R.T.: 4.943 min
Delta R.T.: 0.001 min
Response: 7908544
Conc: 43.14 ng/ml



#19 AR-1242-4

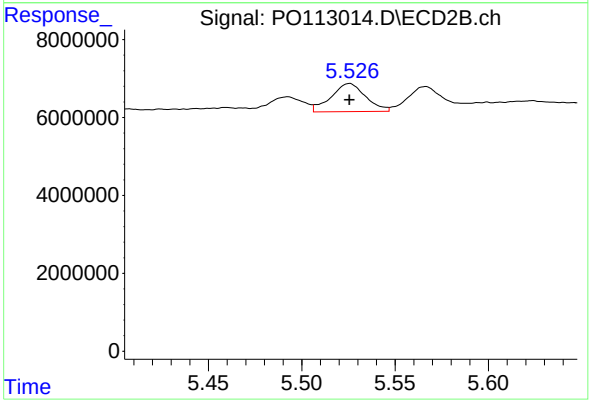
R.T.: 5.007 min
Delta R.T.: 0.000 min
Response: 6750995
Conc: 57.40 ng/ml



#20 AR-1242-5

R.T.: 5.593 min
Delta R.T.: 0.000 min
Response: 13303509
Conc: 63.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050



#20 AR-1242-5

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 9290897
Conc: 59.88 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113024.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 16:18
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:27:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:25:15 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...	3.663	3.655	36489191	23352844	4.388	4.616
2)	SA Decachlor...	8.682	8.627	33466642	9234843	4.493	4.680
	Target Compounds						
26)	L6 AR-1254-1	5.553	5.526	29721929	18540763	56.381	59.499
27)	L6 AR-1254-2	5.702	5.674	27777860	18801466	57.898	67.973
28)	L6 AR-1254-3	6.105	6.074	36941091	23286630	50.000	55.972
29)	L6 AR-1254-4	6.335	6.302	28558766	14228719	51.627	52.006
30)	L6 AR-1254-5	6.753	6.717	33818216	20038217	48.173	57.004

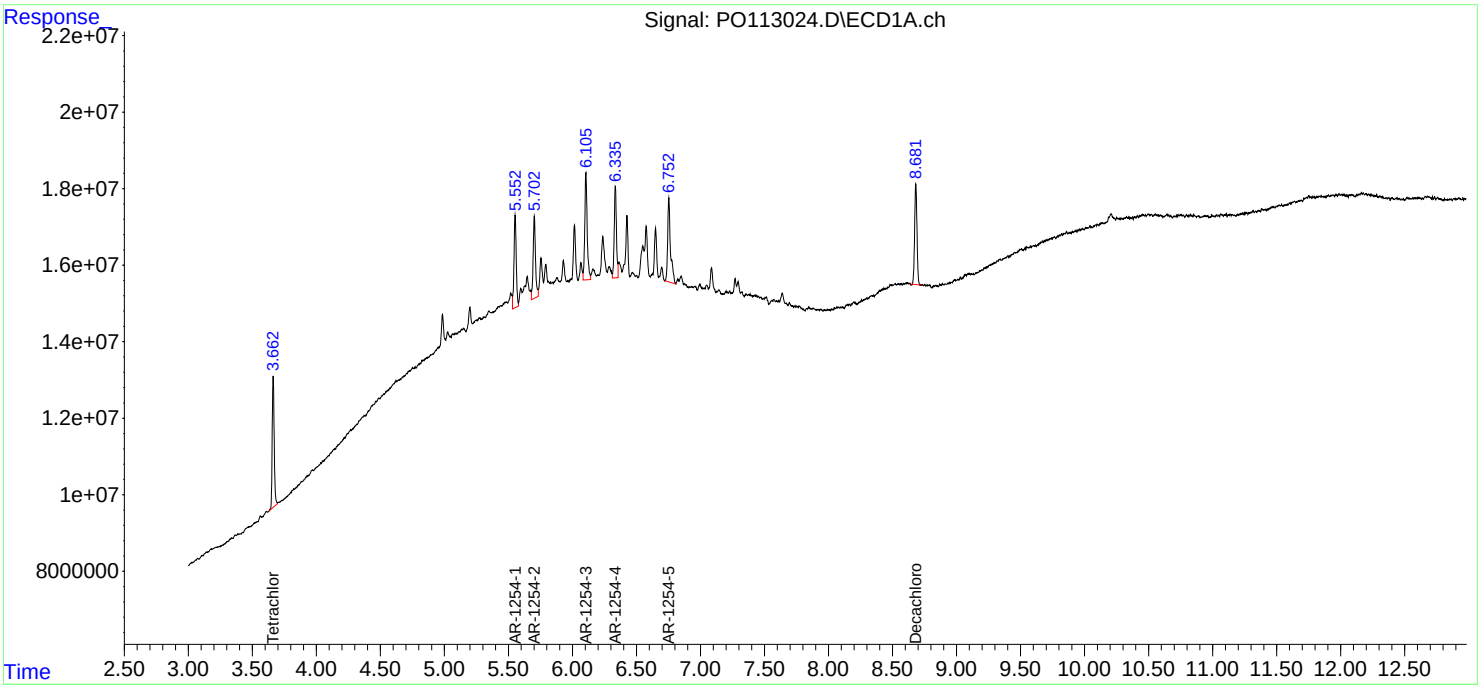
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

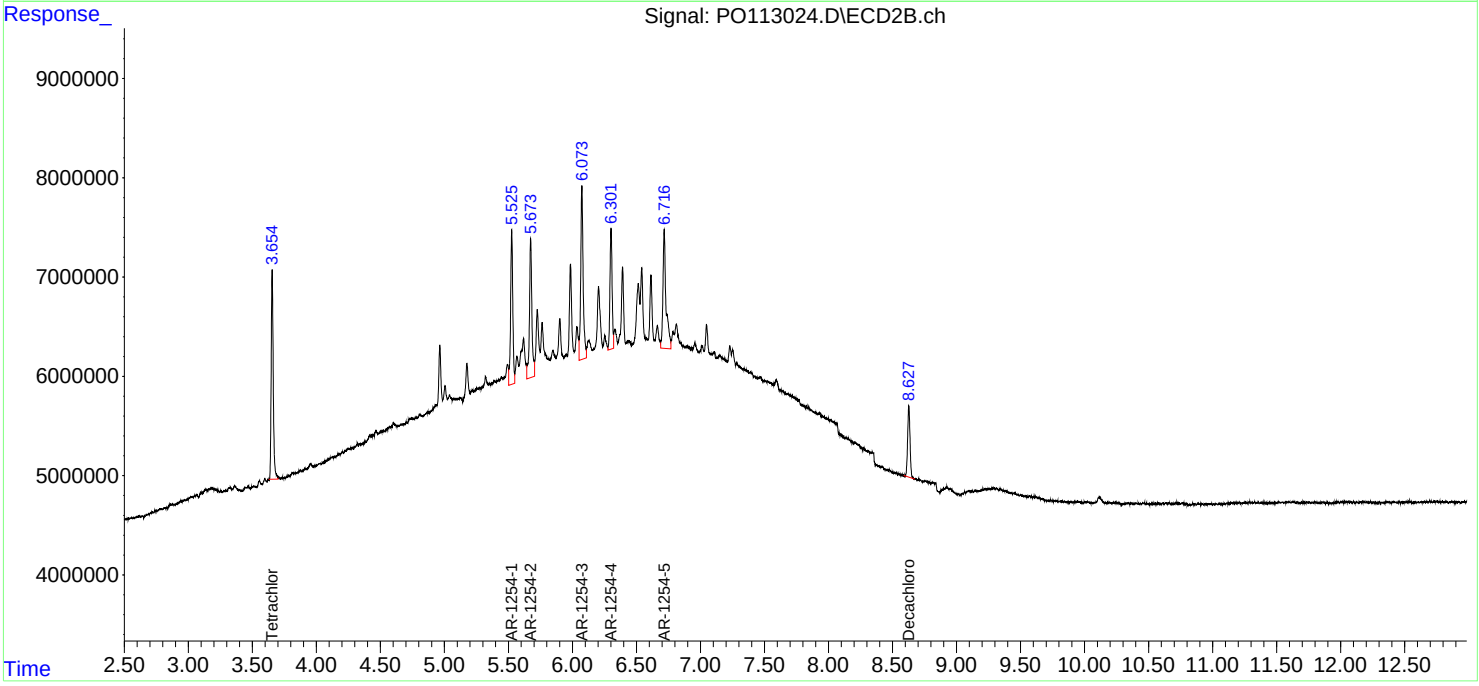
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113024.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 16:18
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

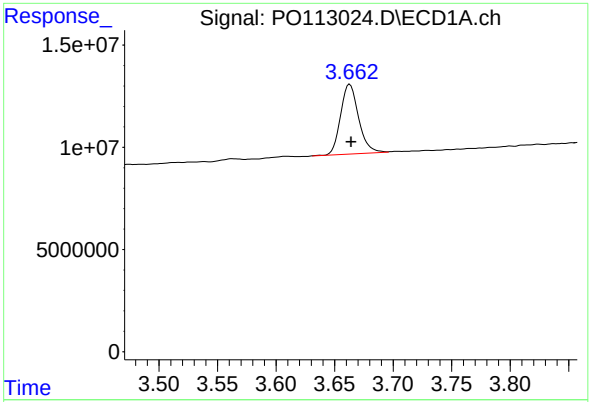
Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:27:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:25:15 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



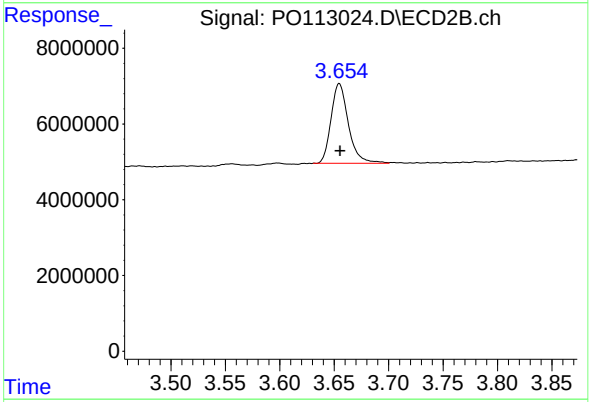




#1 Tetrachloro-m-xylene

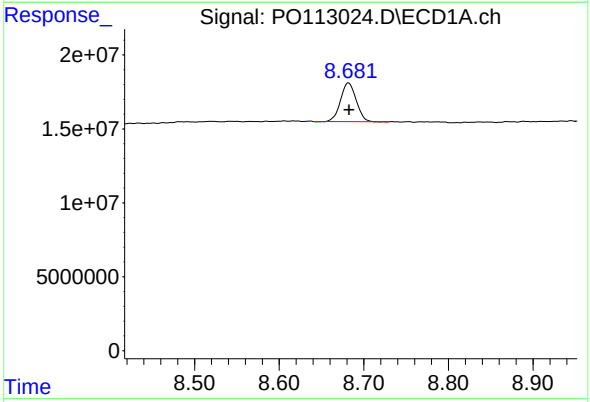
R.T.: 3.663 min
Delta R.T.: -0.001 min
Response: 36489191
Conc: 4.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



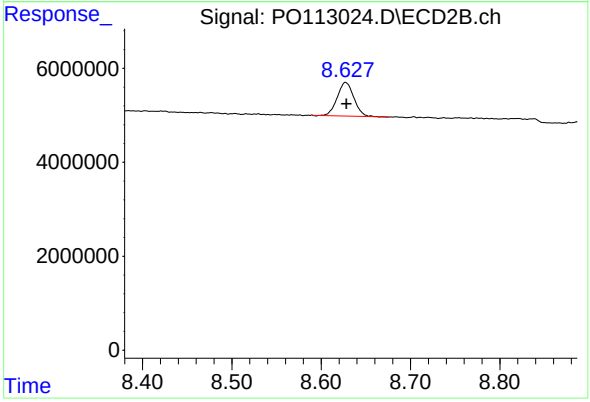
#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 23352844
Conc: 4.62 ng/ml



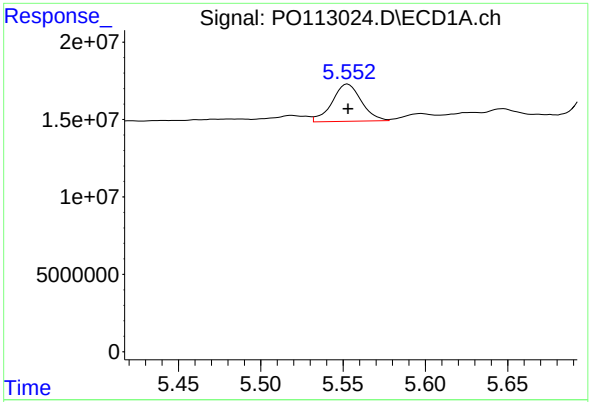
#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 33466642
Conc: 4.49 ng/ml



#2 Decachlorobiphenyl

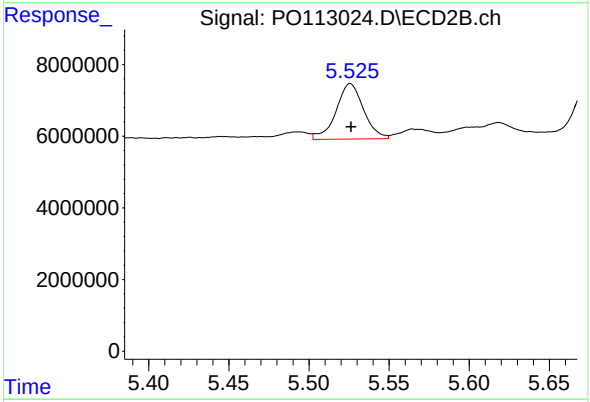
R.T.: 8.627 min
Delta R.T.: 0.000 min
Response: 9234843
Conc: 4.68 ng/ml



#26 AR-1254-1

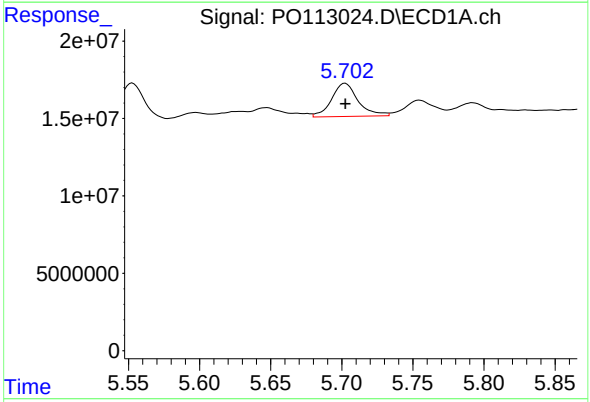
R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 29721929
Conc: 56.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



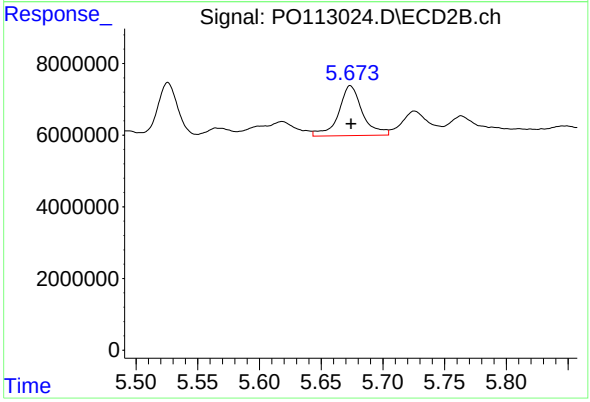
#26 AR-1254-1

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 18540763
Conc: 59.50 ng/ml



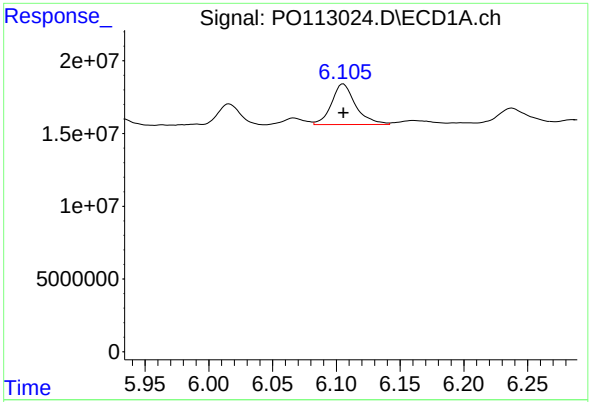
#27 AR-1254-2

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 27777860
Conc: 57.90 ng/ml



#27 AR-1254-2

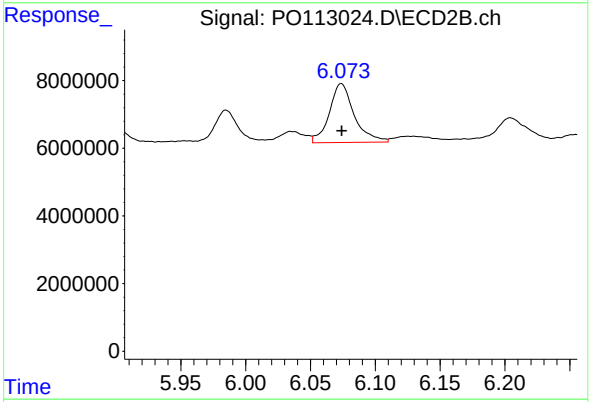
R.T.: 5.674 min
Delta R.T.: 0.000 min
Response: 18801466
Conc: 67.97 ng/ml



#28 AR-1254-3

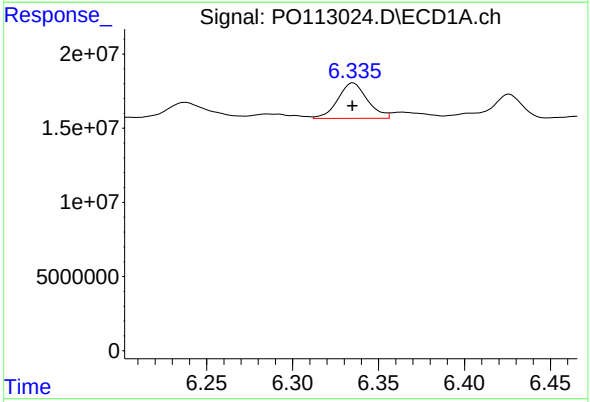
R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 36941091
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



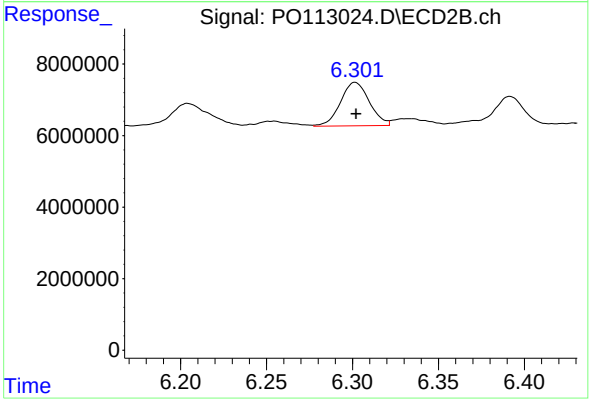
#28 AR-1254-3

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 23286630
Conc: 55.97 ng/ml



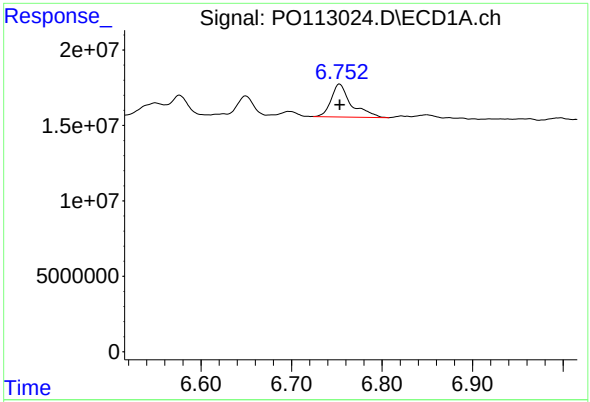
#29 AR-1254-4

R.T.: 6.335 min
Delta R.T.: 0.000 min
Response: 28558766
Conc: 51.63 ng/ml



#29 AR-1254-4

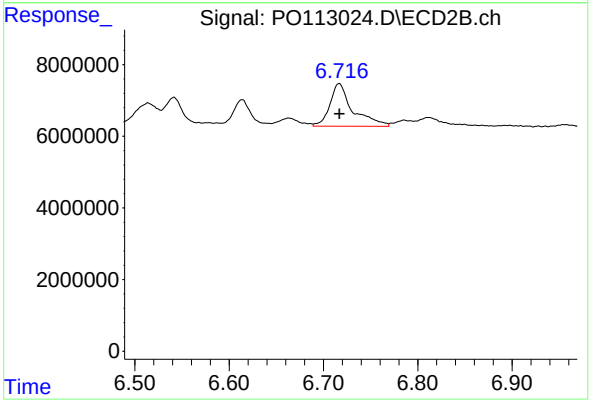
R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 14228719
Conc: 52.01 ng/ml



#30 AR-1254-5

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 33818216
Conc: 48.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



#30 AR-1254-5

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 20038217
Conc: 57.00 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113030.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 18:24
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:50:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:48:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.663	3.656	32740210	20644764	3.862	4.031
2)	SA Decachlor...	8.681	8.627	55179728	14960600	3.963	4.165
	Target Compounds						
41)	L9 AR-1268-1	7.575	7.535	71207184	23057642	39.474	43.554
42)	L9 AR-1268-2	7.641	7.600	60309550	18942723	39.752	43.882
43)	L9 AR-1268-3	7.845	7.803	49529084	14865130	38.977	43.790
44)	L9 AR-1268-4	8.136	8.091	18929121	5337454	39.711	43.364
45)	L9 AR-1268-5	8.426	8.378	127.1E6	35694241	37.916	43.922

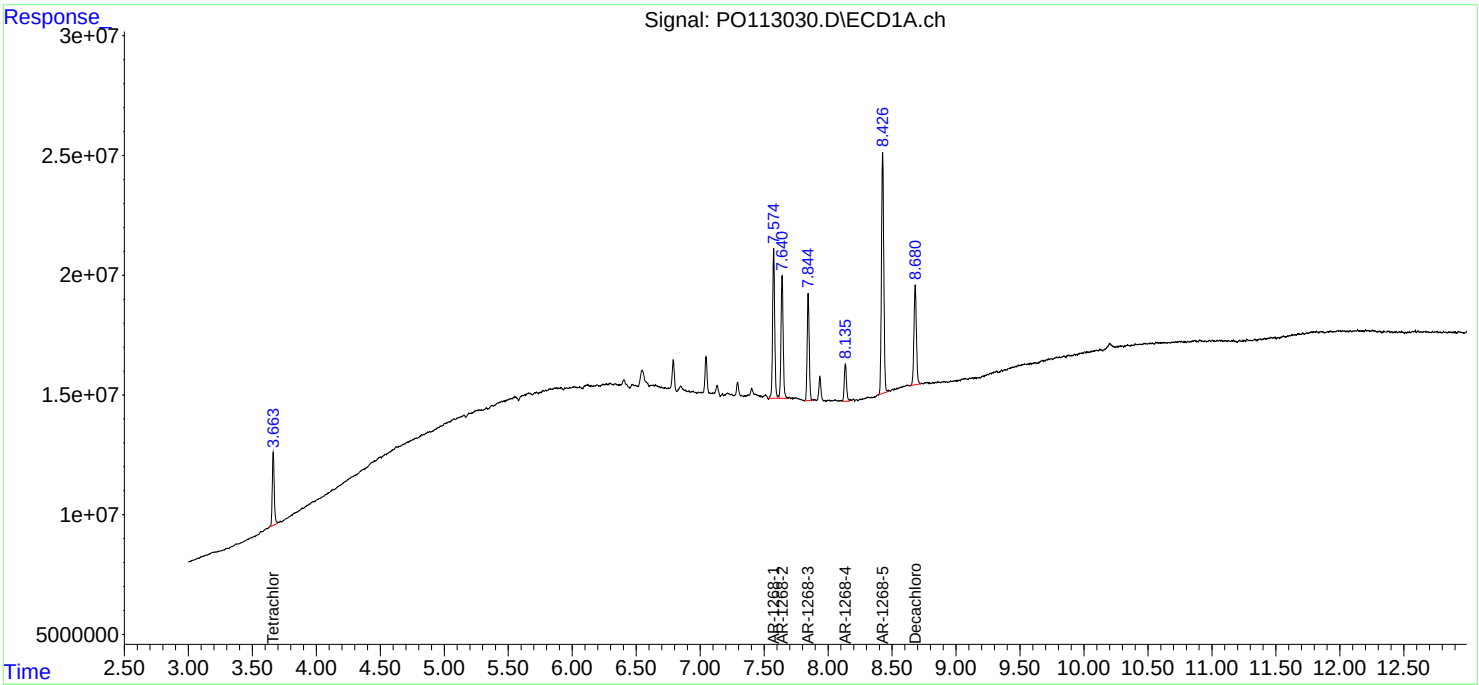
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

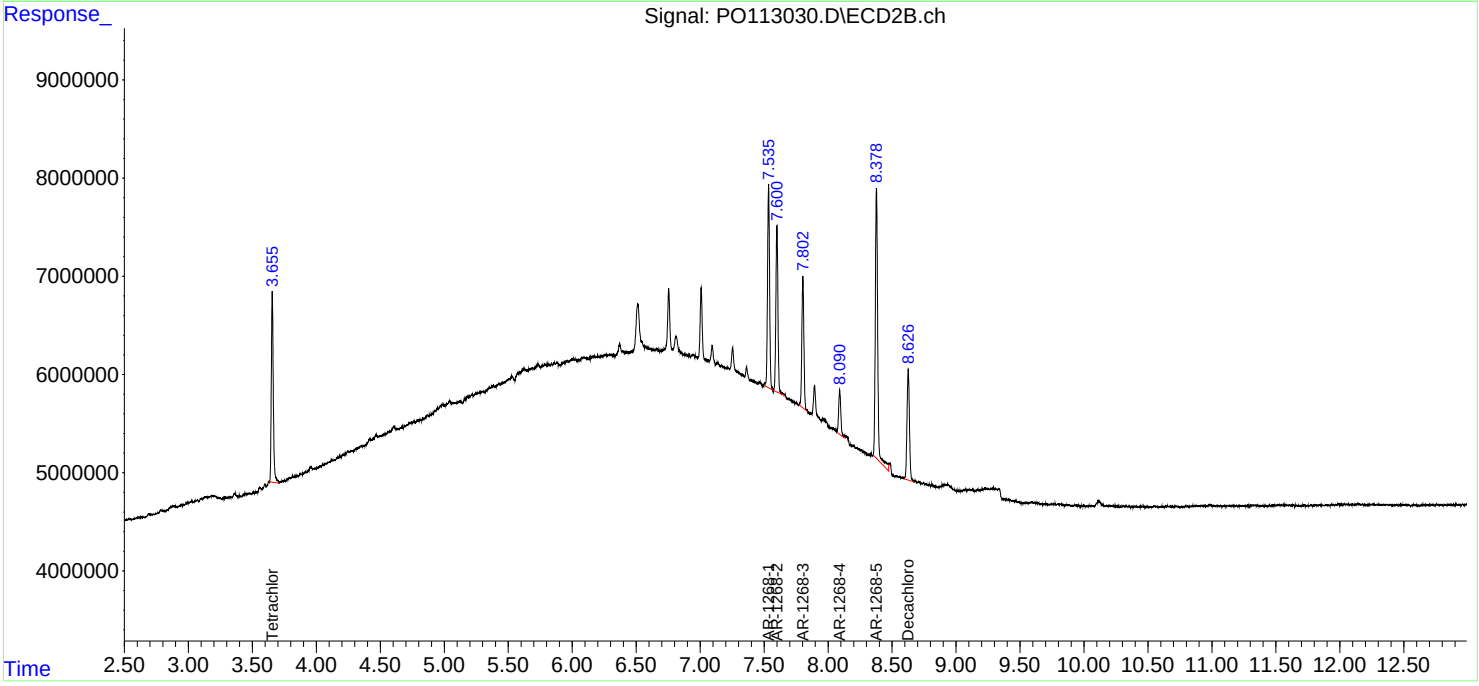
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113030.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 18:24
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

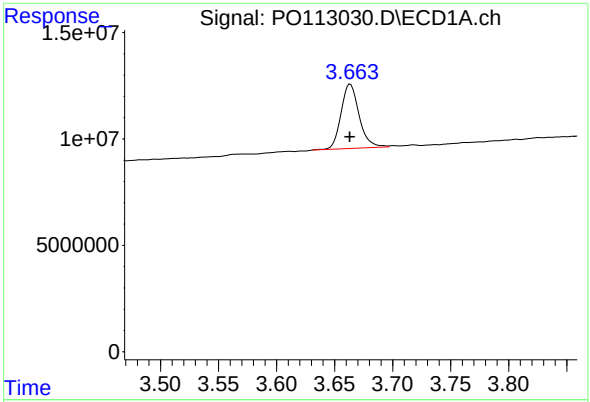
Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:50:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:48:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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



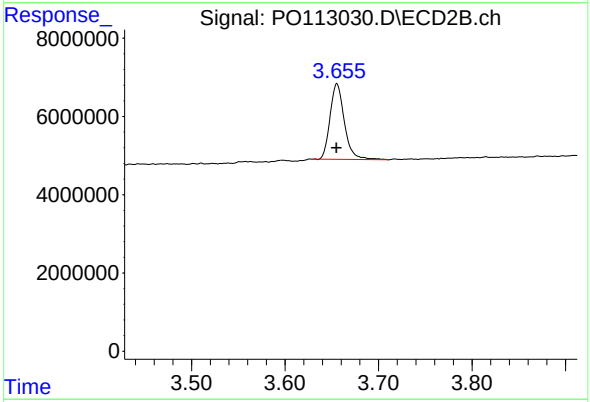




#1 Tetrachloro-m-xylene

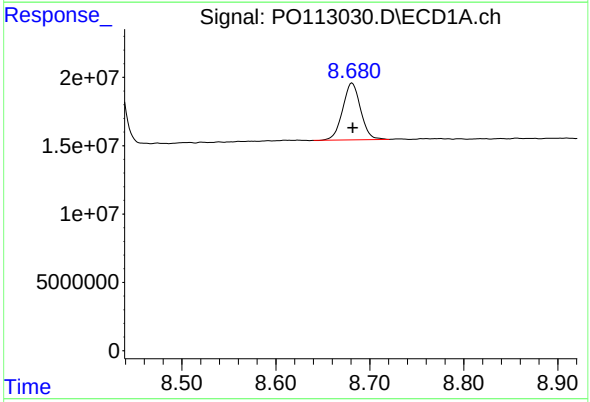
R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 32740210
Conc: 3.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



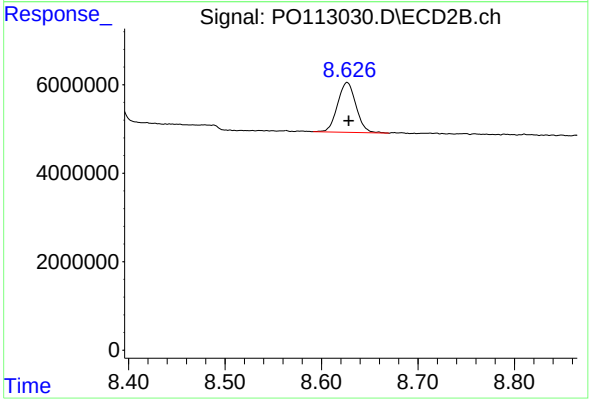
#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: 0.000 min
Response: 20644764
Conc: 4.03 ng/ml



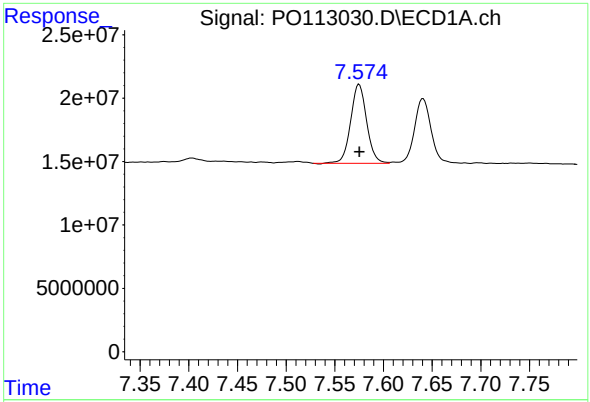
#2 Decachlorobiphenyl

R.T.: 8.681 min
Delta R.T.: 0.000 min
Response: 55179728
Conc: 3.96 ng/ml



#2 Decachlorobiphenyl

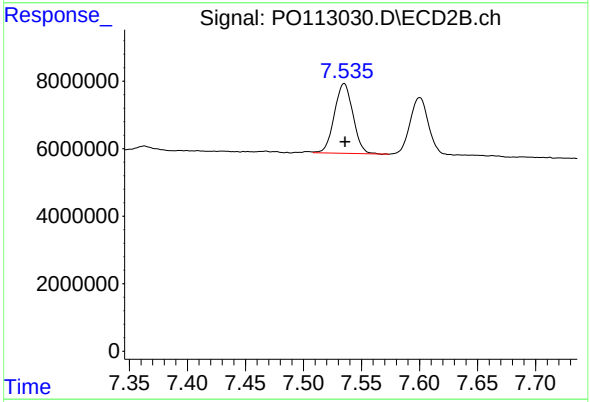
R.T.: 8.627 min
Delta R.T.: -0.001 min
Response: 14960600
Conc: 4.16 ng/ml



#41 AR-1268-1

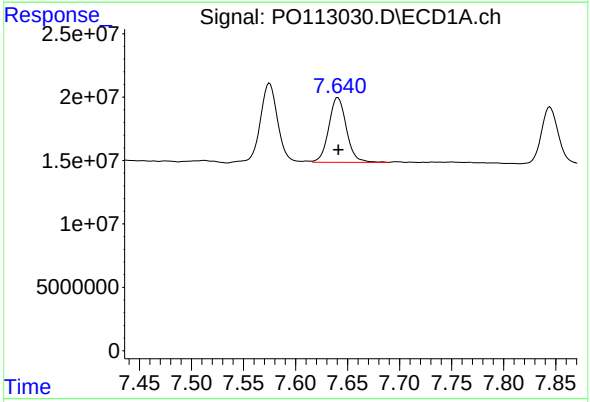
R.T.: 7.575 min
Delta R.T.: 0.000 min
Response: 71207184
Conc: 39.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



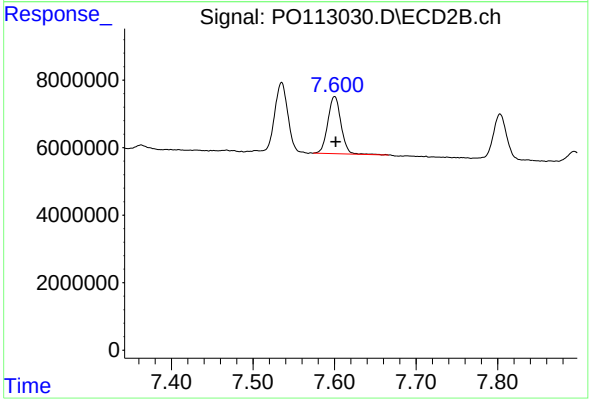
#41 AR-1268-1

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 23057642
Conc: 43.55 ng/ml



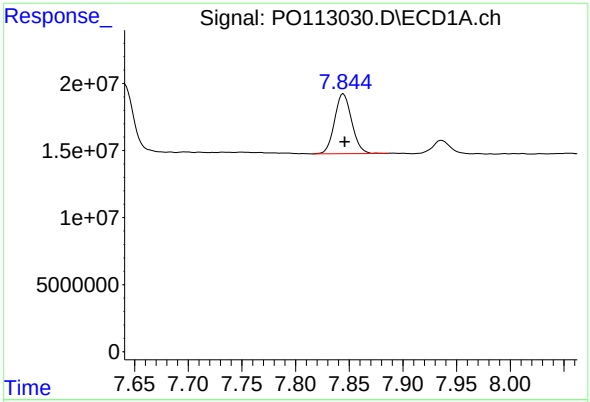
#42 AR-1268-2

R.T.: 7.641 min
Delta R.T.: 0.000 min
Response: 60309550
Conc: 39.75 ng/ml



#42 AR-1268-2

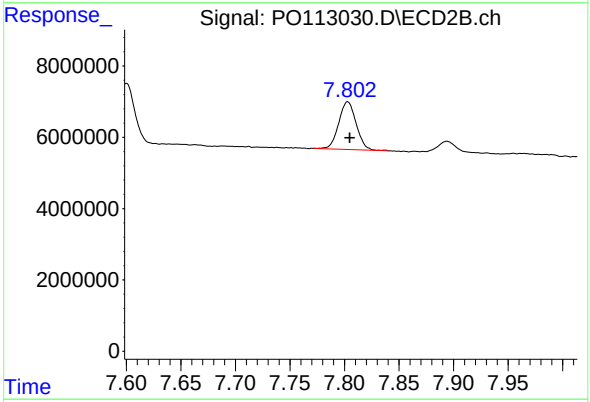
R.T.: 7.600 min
Delta R.T.: -0.001 min
Response: 18942723
Conc: 43.88 ng/ml



#43 AR-1268-3

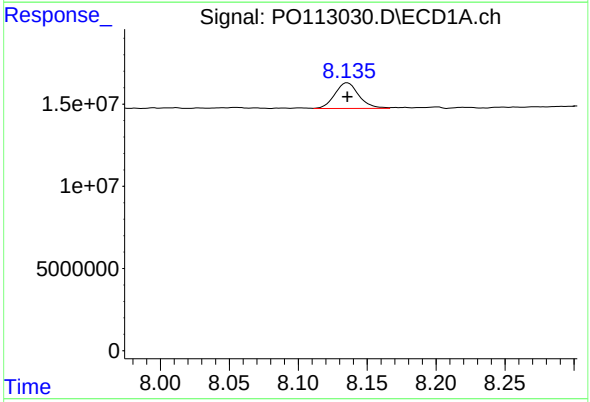
R.T.: 7.845 min
Delta R.T.: -0.001 min
Response: 49529084
Conc: 38.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



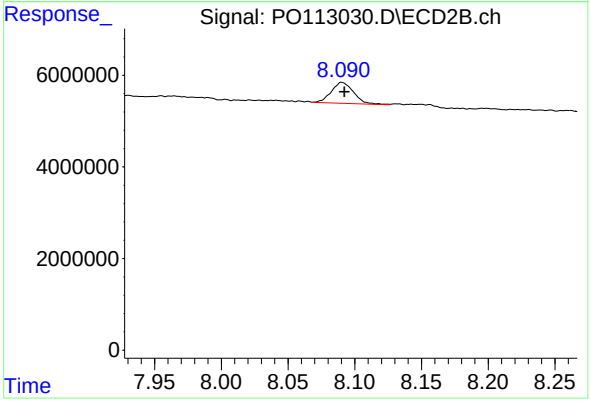
#43 AR-1268-3

R.T.: 7.803 min
Delta R.T.: -0.002 min
Response: 14865130
Conc: 43.79 ng/ml



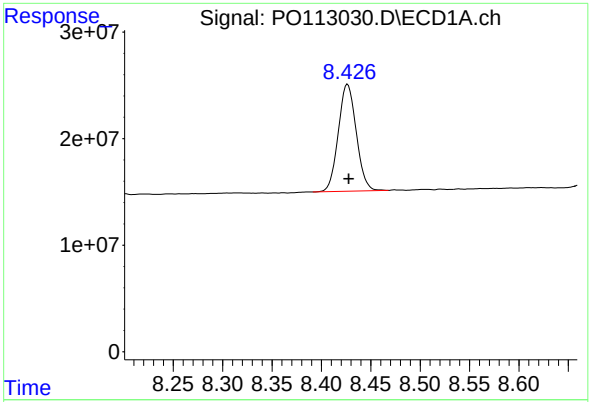
#44 AR-1268-4

R.T.: 8.136 min
Delta R.T.: 0.000 min
Response: 18929121
Conc: 39.71 ng/ml



#44 AR-1268-4

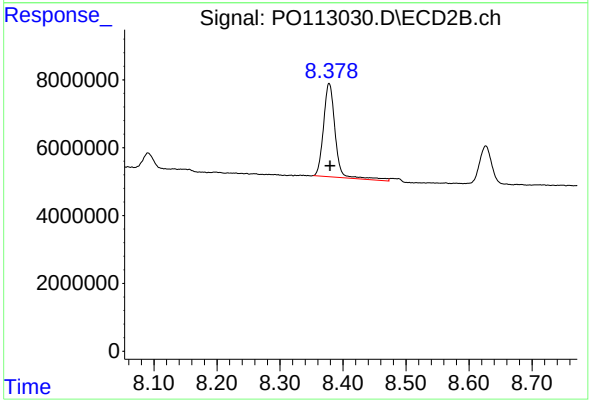
R.T.: 8.091 min
Delta R.T.: -0.002 min
Response: 5337454
Conc: 43.36 ng/ml



#45 AR-1268-5

R.T.: 8.426 min
Delta R.T.: -0.001 min
Response: 127075085
Conc: 37.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



#45 AR-1268-5

R.T.: 8.378 min
Delta R.T.: -0.001 min
Response: 35694241
Conc: 43.92 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113035.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 21:07
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO081825AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:58:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:57:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.664	3.656	429.5E6	261.1E6	52.886	52.521
2)	SA Decachlor...	8.682	8.627	678.8E6	177.0E6	51.133	51.189
	Target Compounds						
41)	L9 AR-1268-1	7.577	7.537	888.4E6	255.4E6	516.244	501.241
42)	L9 AR-1268-2	7.642	7.602	745.6E6	207.2E6	514.846	498.702
43)	L9 AR-1268-3	7.846	7.805	631.0E6	163.1E6	523.061	499.640
44)	L9 AR-1268-4	8.137	8.092	241.9E6	62721591	525.077	520.802
45)	L9 AR-1268-5	8.429	8.379	1632.4E6	398.5E6	511.965	510.291

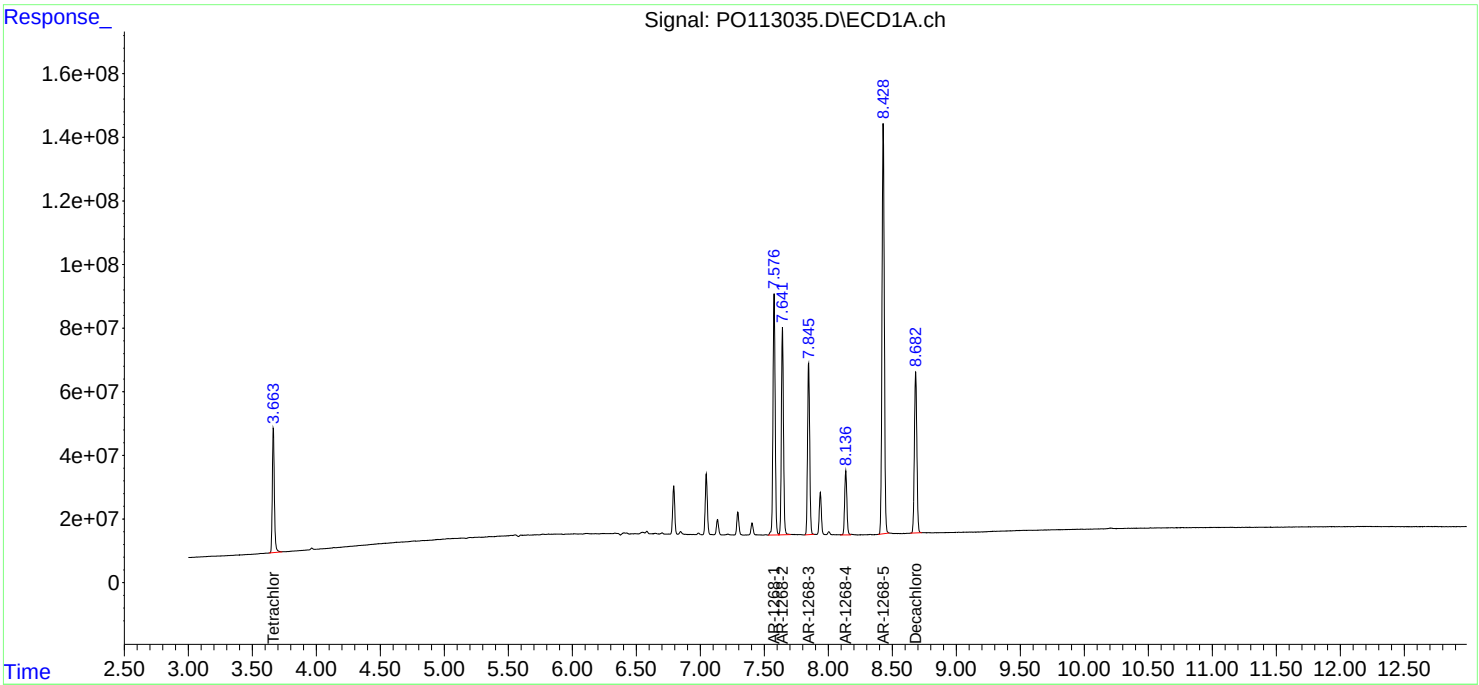
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

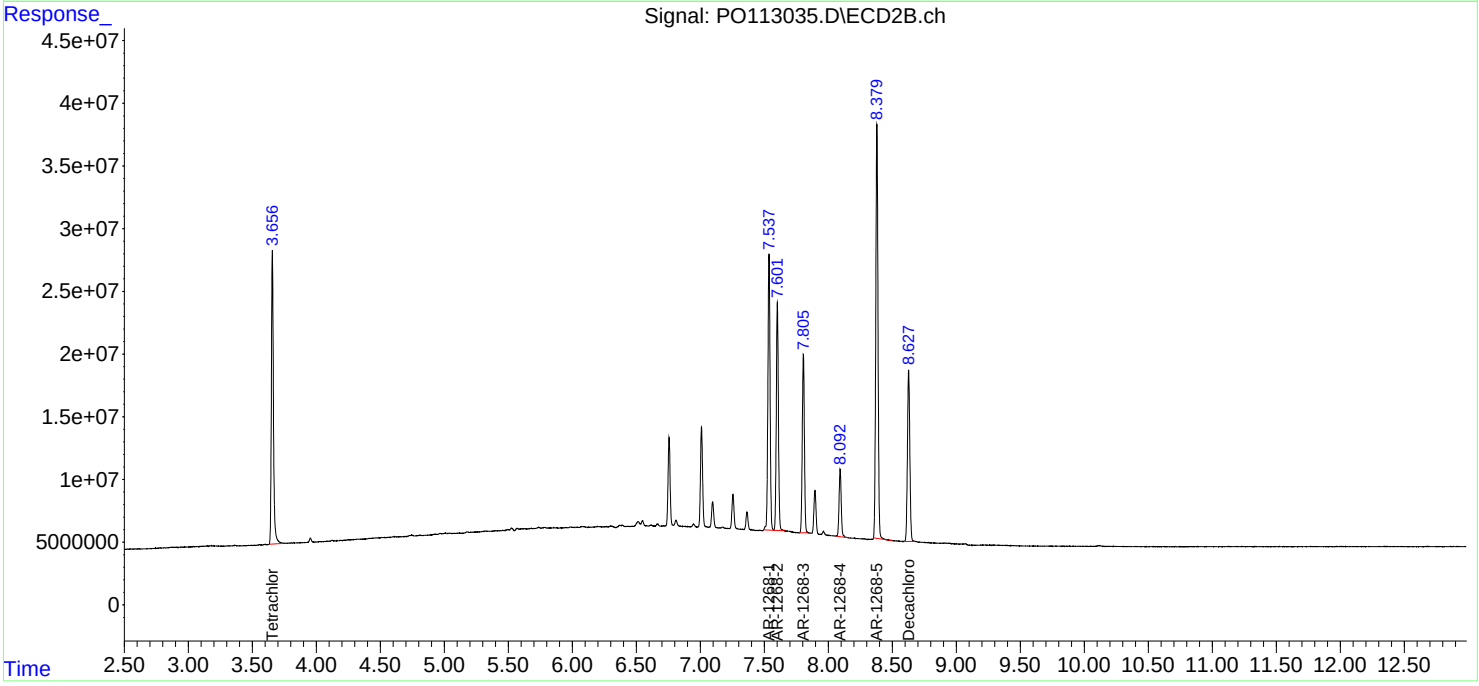
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113035.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 21:07
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

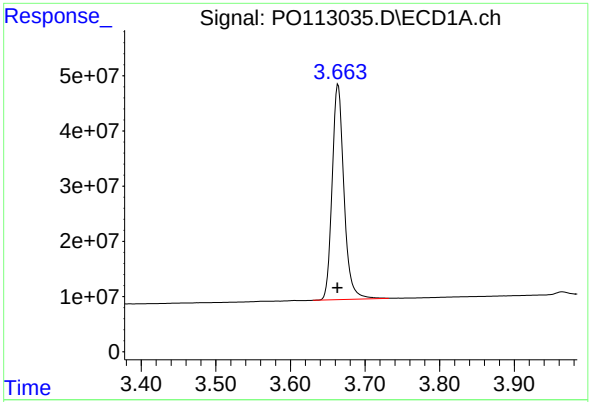
Instrument :
ECD_O
ClientSampleId :
ICVPO081825AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:58:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:57:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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



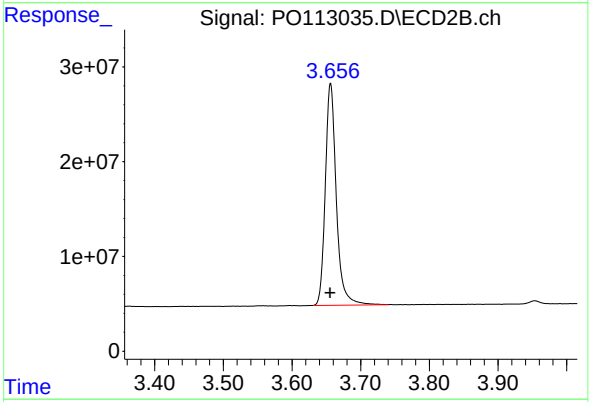




#1 Tetrachloro-m-xylene

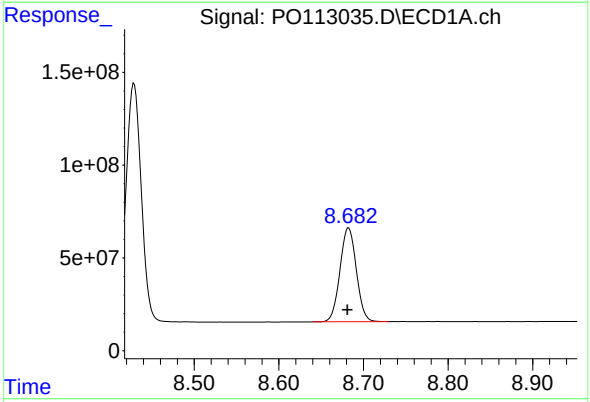
R.T.: 3.664 min
Delta R.T.: 0.000 min
Response: 429465520
Conc: 52.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO081825AR1268



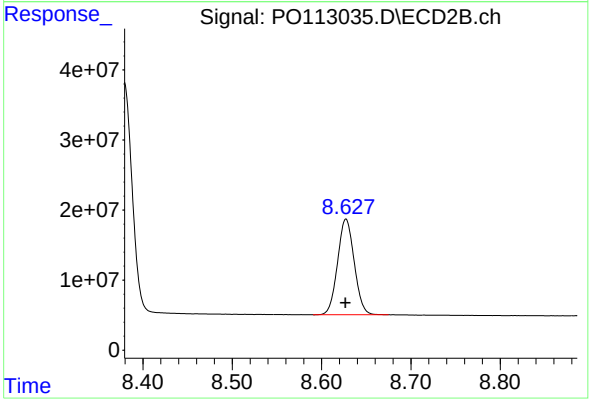
#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: 0.000 min
Response: 261070028
Conc: 52.52 ng/ml



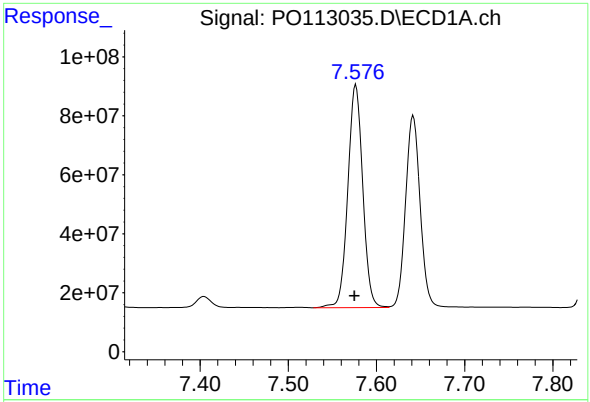
#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.001 min
Response: 678789328
Conc: 51.13 ng/ml



#2 Decachlorobiphenyl

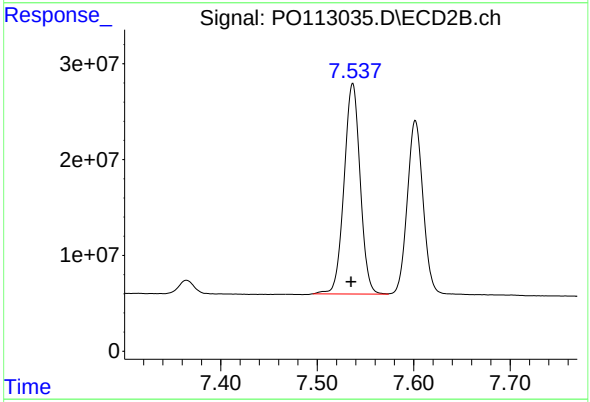
R.T.: 8.627 min
Delta R.T.: 0.000 min
Response: 176997340
Conc: 51.19 ng/ml



#41 AR-1268-1

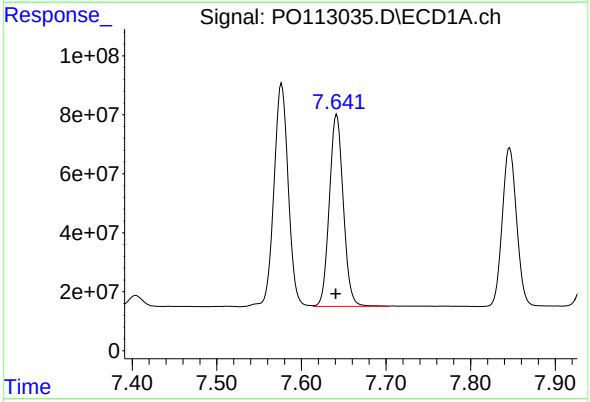
R.T.: 7.577 min
Delta R.T.: 0.002 min
Response: 888399269
Conc: 516.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO081825AR1268



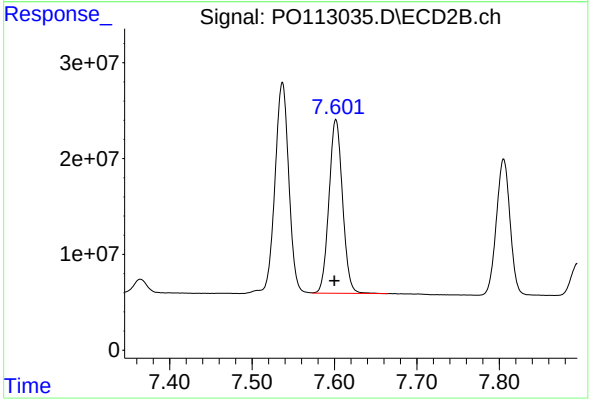
#41 AR-1268-1

R.T.: 7.537 min
Delta R.T.: 0.002 min
Response: 255364211
Conc: 501.24 ng/ml



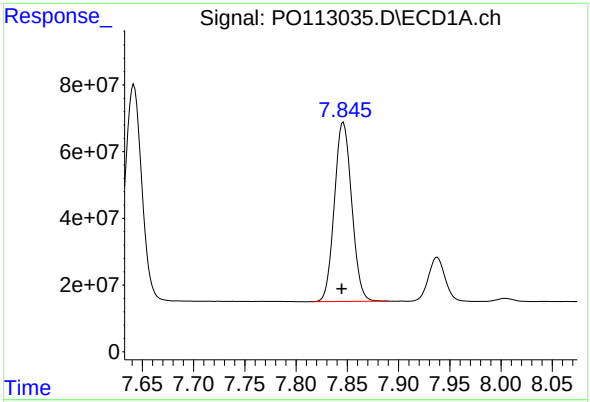
#42 AR-1268-2

R.T.: 7.642 min
Delta R.T.: 0.001 min
Response: 745572427
Conc: 514.85 ng/ml



#42 AR-1268-2

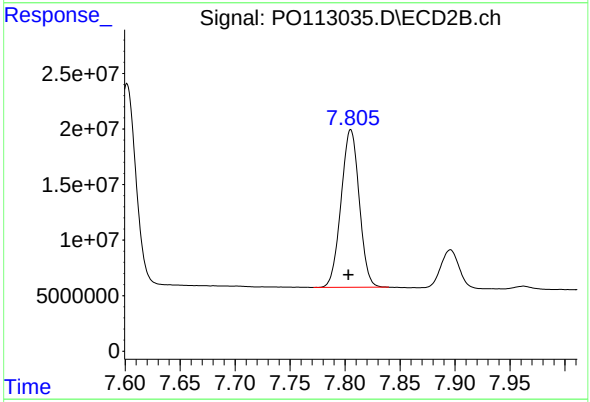
R.T.: 7.602 min
Delta R.T.: 0.002 min
Response: 207162005
Conc: 498.70 ng/ml



#43 AR-1268-3

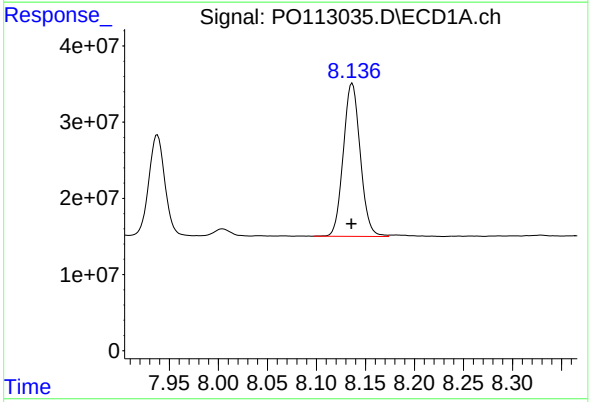
R.T.: 7.846 min
Delta R.T.: 0.002 min
Response: 630976194
Conc: 523.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO081825AR1268



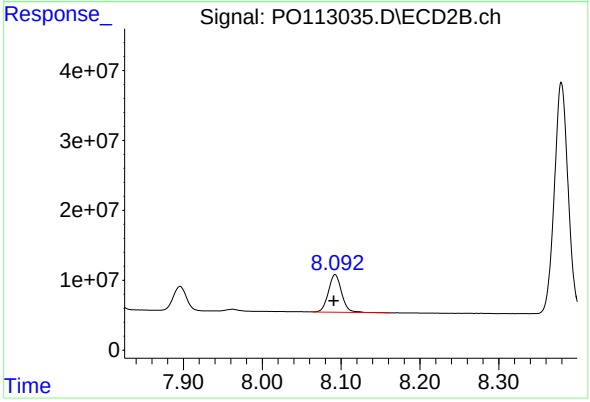
#43 AR-1268-3

R.T.: 7.805 min
Delta R.T.: 0.002 min
Response: 163136992
Conc: 499.64 ng/ml



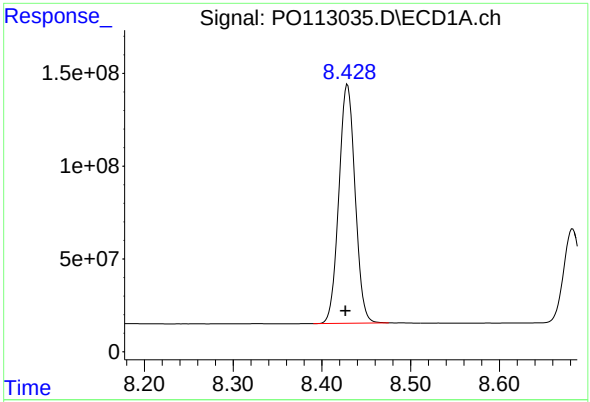
#44 AR-1268-4

R.T.: 8.137 min
Delta R.T.: 0.000 min
Response: 241884018
Conc: 525.08 ng/ml



#44 AR-1268-4

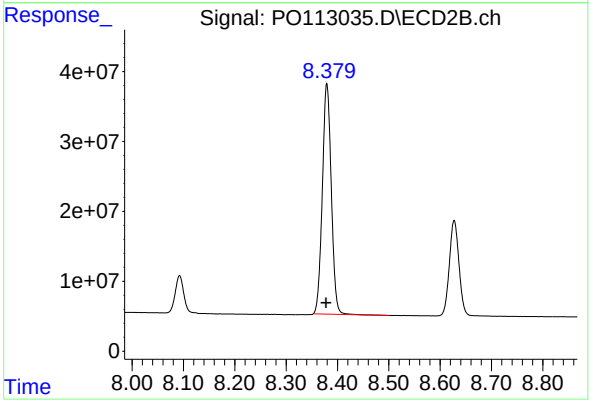
R.T.: 8.092 min
Delta R.T.: 0.002 min
Response: 62721591
Conc: 520.80 ng/ml



#45 AR-1268-5

R.T.: 8.429 min
Delta R.T.: 0.002 min
Response: 1632354575
Conc: 511.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO081825AR1268



#45 AR-1268-5

R.T.: 8.379 min
Delta R.T.: 0.002 min
Response: 398515524
Conc: 510.29 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113478.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 18:49
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:34:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.659	3.652	462.0E6	273.5E6	56.435	54.052	
2)	SA Decachlor...	8.674	8.622	327.7E6	101.1E6	47.279	53.332	
	Target Compounds							
3)	L1 AR-1016-1	4.742	4.725	149.8E6	91343543	561.169	535.508	
4)	L1 AR-1016-2	4.760	4.743	227.8E6	135.2E6	567.371	524.856	
5)	L1 AR-1016-3	4.817	4.918	143.8E6	70947214	564.019	508.166	
6)	L1 AR-1016-4	4.937	4.960	100.7E6	57526704	461.916	492.950	
7)	L1 AR-1016-5	5.194	5.172	125.1E6	78252607	564.470	549.026	
8)	L2 AR-1221-1	3.868	3.859	13161775	9469807	140.657	150.026	
9)	L2 AR-1221-2	3.956	3.946	18011279	14093823	266.634	301.968	
10)	L2 AR-1221-3	4.030	4.020	73946356	51383710	334.068	346.077	
11)	L3 AR-1232-1	4.030	4.020	73946356	51383710	424.963	437.671	
12)	L3 AR-1232-2	4.521	4.743	112.7E6	135.2E6	1128.884	1103.531	
13)	L3 AR-1232-3	4.760	4.918	227.8E6	70947214	1202.058	1120.002	
14)	L3 AR-1232-4	4.937	5.002	100.7E6	69921176	1069.658	1243.680	
15)	L3 AR-1232-5	4.980	5.172	79974727	78252607	1291.103	1307.183	
16)	L4 AR-1242-1	4.742	4.725	149.8E6	91343543	651.600	632.116	
17)	L4 AR-1242-2	4.760	4.743	227.8E6	135.2E6	662.817	623.445	
18)	L4 AR-1242-3	4.817	4.918	143.8E6	70947214	648.255	606.572	
19)	L4 AR-1242-4	4.937	5.002	100.7E6	69921176	580.697	594.379	
20)	L4 AR-1242-5	5.588	5.521	35319934	76509193	176.456	513.027	#
21)	L5 AR-1248-1	4.742	4.725	149.8E6	91343543	858.754	819.138	
22)	L5 AR-1248-2	4.980	4.960	79974727	57526704	330.658	357.978	
23)	L5 AR-1248-3	5.194	5.002	125.1E6	69921176	392.337	412.124	
24)	L5 AR-1248-4	5.546	5.172	134.6E6	78252607	269.318	392.795	#
25)	L5 AR-1248-5	5.588	5.561	35319934	21592784	103.428	101.711	
26)	L6 AR-1254-1	5.546	5.521	134.6E6	76509193	249.181	242.614	
27)	L6 AR-1254-2	5.695	5.669	100.4E6	55617946	203.454	198.395	
28)	L6 AR-1254-3	6.115	6.084	185.6E6	94490125	251.198	226.637	
29)	L6 AR-1254-4	6.325	6.295	23762424	9428806	42.661	34.307	
30)	L6 AR-1254-5	6.745	6.712	329.1E6	141.9E6	469.463	396.888	
31)	L7 AR-1260-1	6.229	6.199	252.0E6	120.6E6	565.000	472.911	
32)	L7 AR-1260-2	6.419	6.388	383.9E6	159.8E6	559.006	462.222	
33)	L7 AR-1260-3	6.785	6.539	323.4E6	128.8E6	523.801	432.878	
34)	L7 AR-1260-4	7.044	7.008	228.2E6	90912792	509.480	438.663	
35)	L7 AR-1260-5	7.288	7.250	612.7E6	203.2E6	506.113	433.855	
36)	L8 AR-1262-1	6.785	6.750	323.4E6	132.9E6	353.184	320.426	
37)	L8 AR-1262-2	7.288	7.250	612.7E6	203.2E6	405.212	392.586	
38)	L8 AR-1262-3	7.570	7.531	128.6E6	40480804	232.133	225.406	
39)	L8 AR-1262-4	7.633	7.594	378.7E6	116.0E6	387.210	400.085	
40)	L8 AR-1262-5	8.130	8.088	128.1E6	36458236	307.277	336.544	
41)	L9 AR-1268-1	7.570	7.531	128.6E6	40480804	74.744	79.458	

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113478.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 18:49
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:34:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.633	7.594	378.7E6	116.0E6	261.492	279.211
43) L9	AR-1268-3	7.841	7.797	5638458	1687215	4.674	5.167
44) L9	AR-1268-4	8.130	8.088	128.1E6	36458236	278.071	302.727
45) L9	AR-1268-5	8.422	8.374	31611135	8884181	9.914	11.376

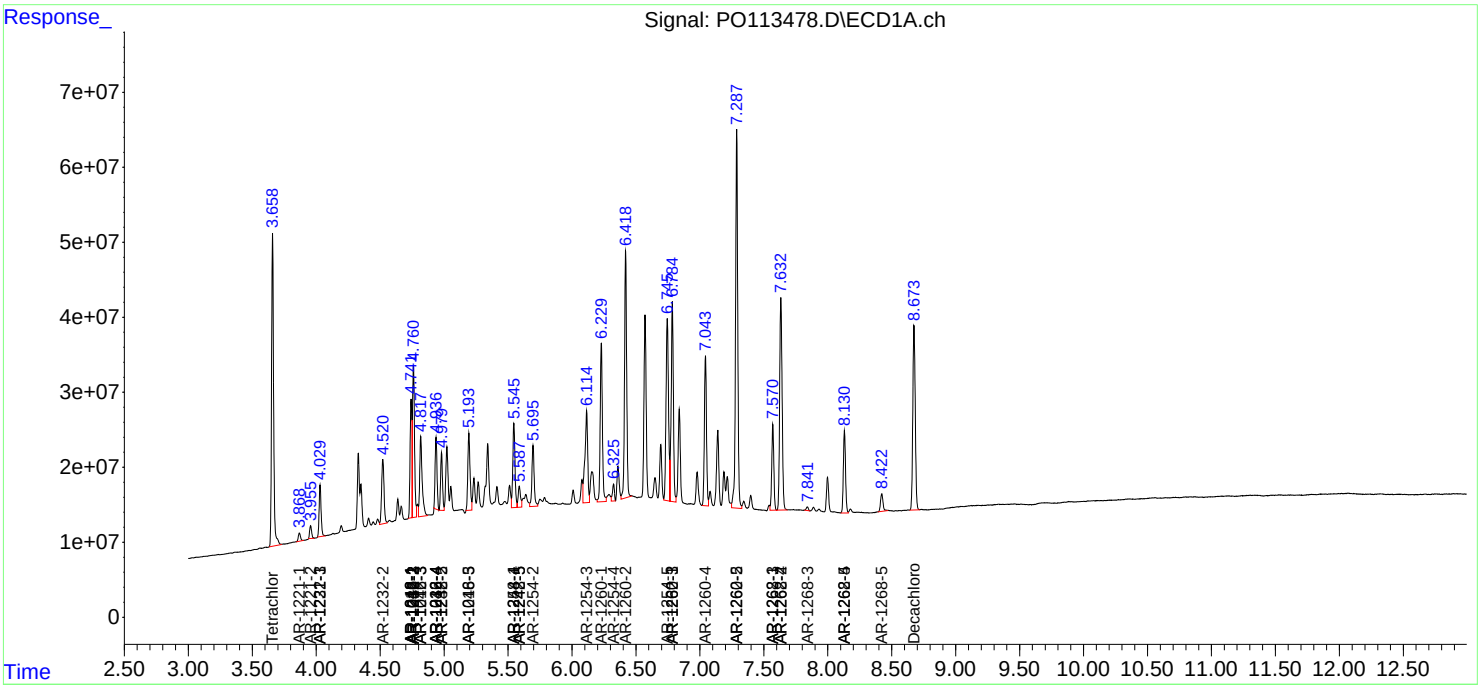
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

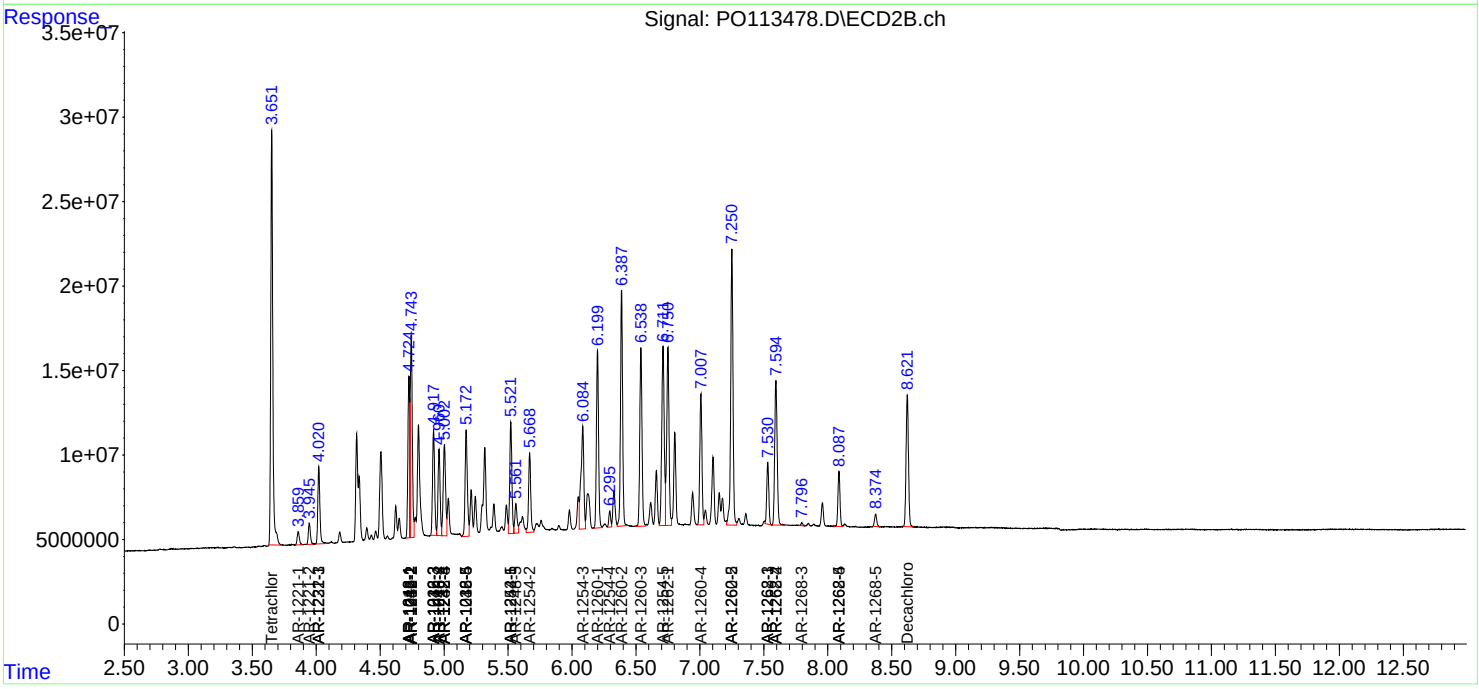
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113478.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 18:49
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

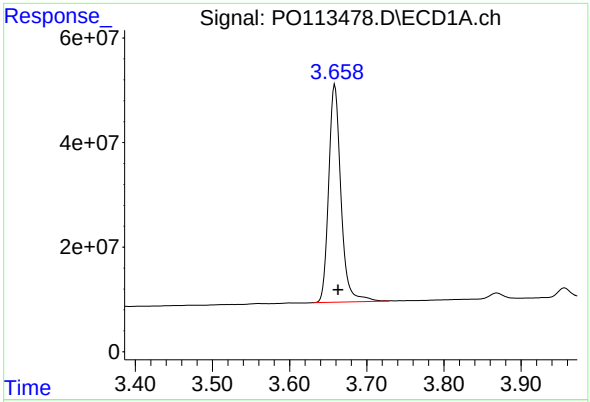
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:34:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



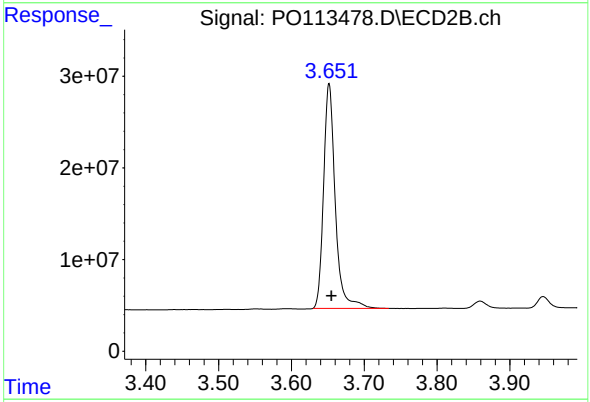




#1 Tetrachloro-m-xylene

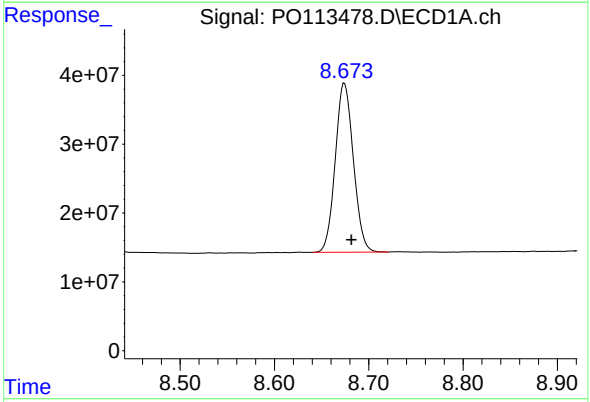
R.T.: 3.659 min
Delta R.T.: -0.004 min
Response: 462010268
Conc: 56.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



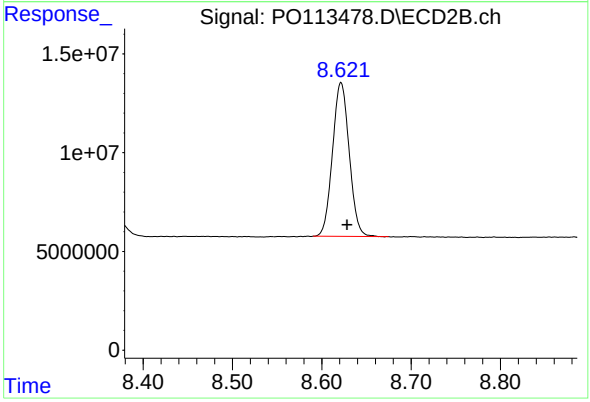
#1 Tetrachloro-m-xylene

R.T.: 3.652 min
Delta R.T.: -0.003 min
Response: 273540757
Conc: 54.05 ng/ml



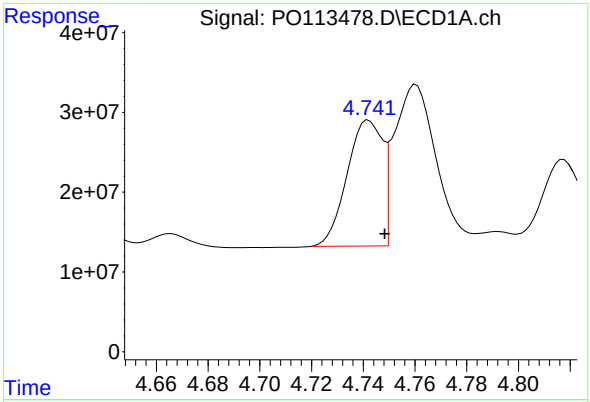
#2 Decachlorobiphenyl

R.T.: 8.674 min
Delta R.T.: -0.007 min
Response: 327710833
Conc: 47.28 ng/ml



#2 Decachlorobiphenyl

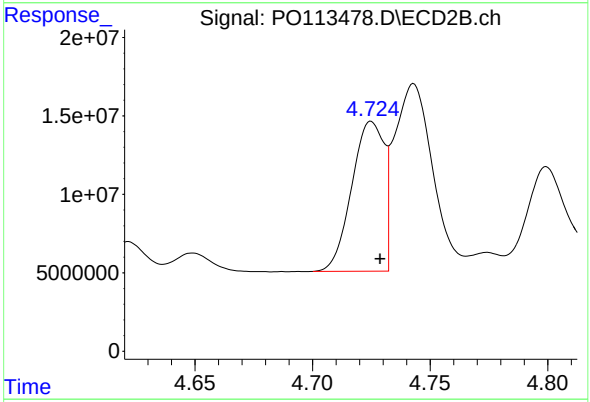
R.T.: 8.622 min
Delta R.T.: -0.007 min
Response: 101057038
Conc: 53.33 ng/ml



#3 AR-1016-1

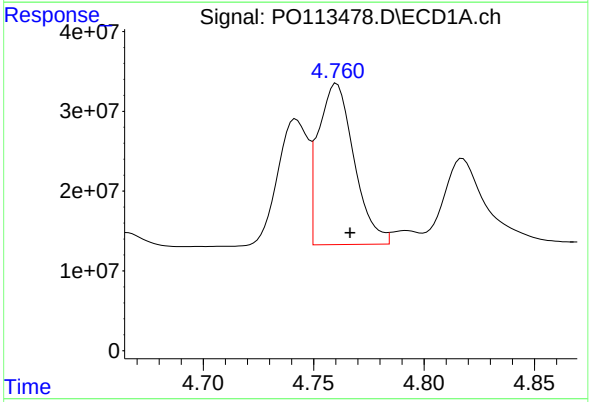
R.T.: 4.742 min
Delta R.T.: -0.006 min
Response: 149823670
Conc: 561.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



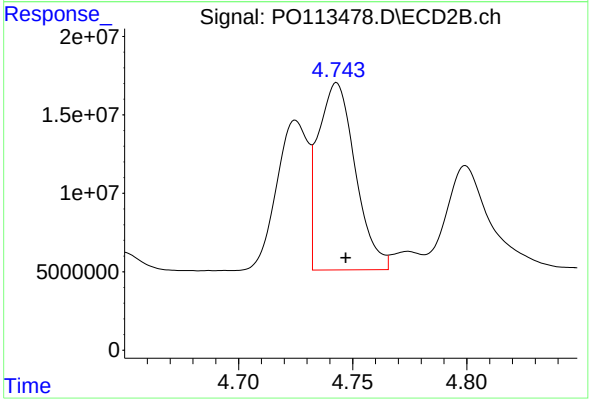
#3 AR-1016-1

R.T.: 4.725 min
Delta R.T.: -0.004 min
Response: 91343543
Conc: 535.51 ng/ml



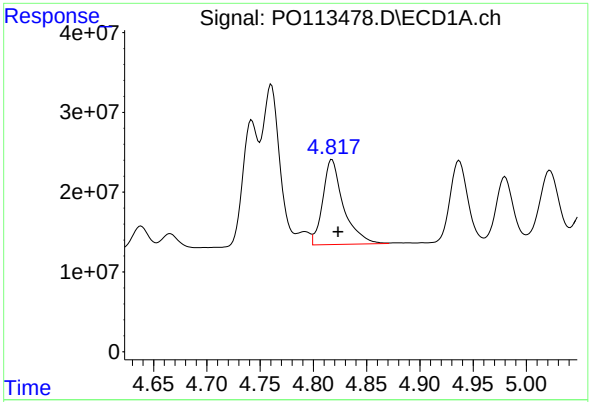
#4 AR-1016-2

R.T.: 4.760 min
Delta R.T.: -0.006 min
Response: 227760534
Conc: 567.37 ng/ml



#4 AR-1016-2

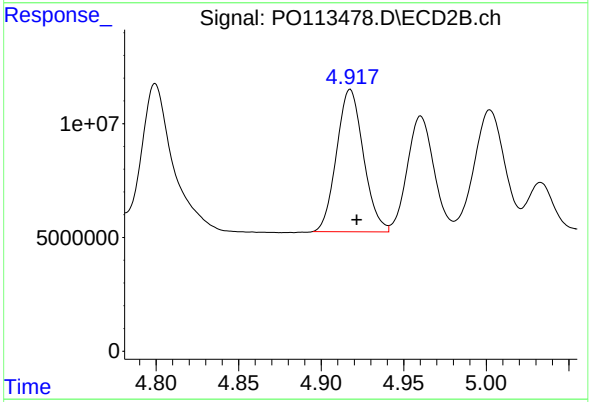
R.T.: 4.743 min
Delta R.T.: -0.004 min
Response: 135232267
Conc: 524.86 ng/ml



#5 AR-1016-3

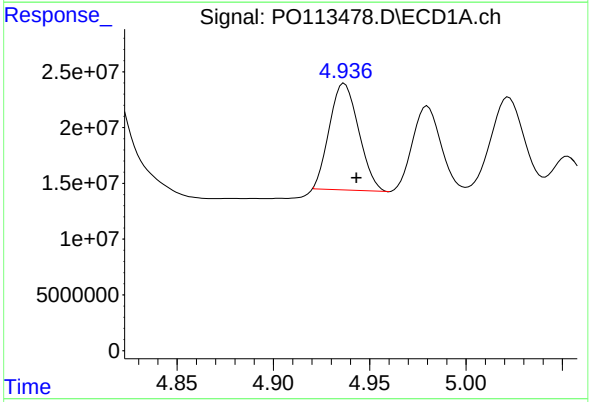
R.T.: 4.817 min
Delta R.T.: -0.006 min
Response: 143837457
Conc: 564.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



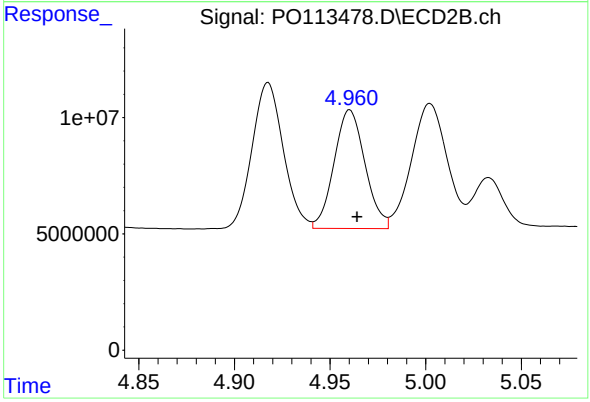
#5 AR-1016-3

R.T.: 4.918 min
Delta R.T.: -0.004 min
Response: 70947214
Conc: 508.17 ng/ml



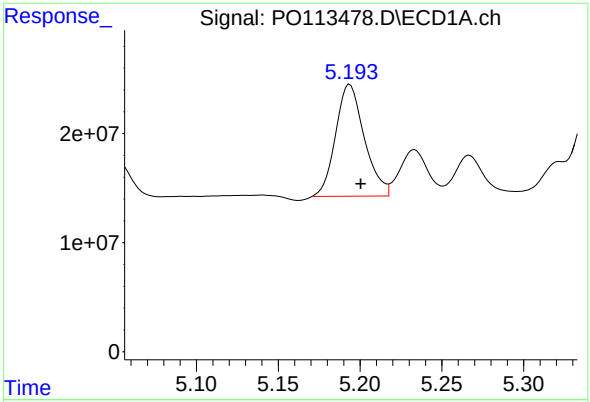
#6 AR-1016-4

R.T.: 4.937 min
Delta R.T.: -0.006 min
Response: 100729185
Conc: 461.92 ng/ml



#6 AR-1016-4

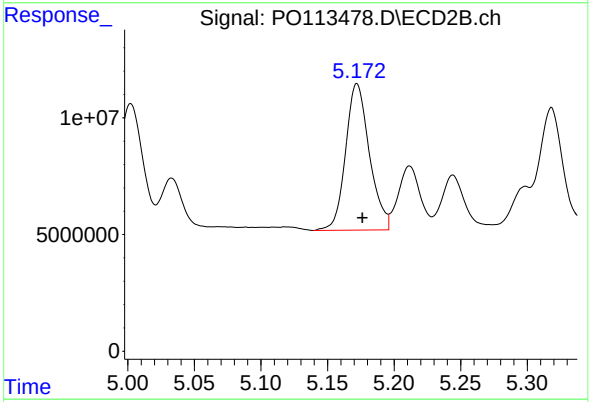
R.T.: 4.960 min
Delta R.T.: -0.004 min
Response: 57526704
Conc: 492.95 ng/ml



#7 AR-1016-5

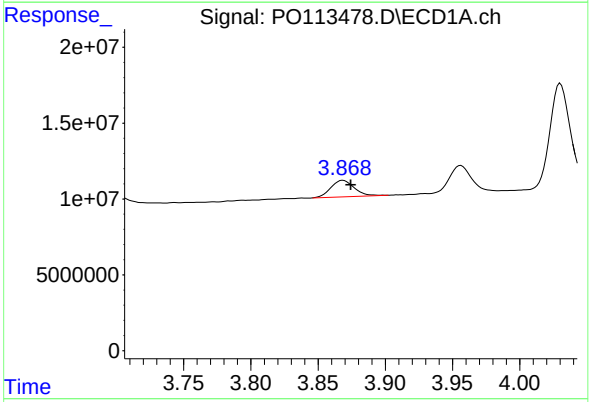
R.T.: 5.194 min
Delta R.T.: -0.007 min
Response: 125102223
Conc: 564.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



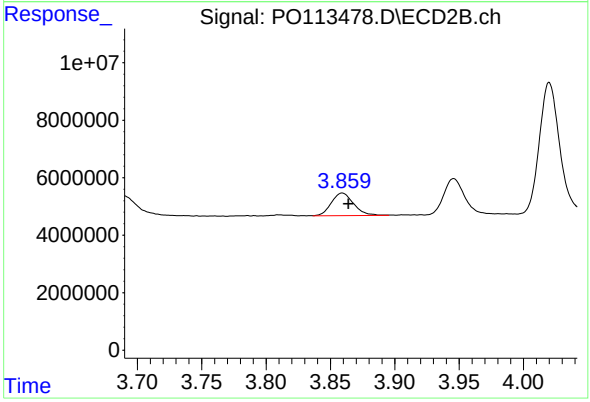
#7 AR-1016-5

R.T.: 5.172 min
Delta R.T.: -0.004 min
Response: 78252607
Conc: 549.03 ng/ml



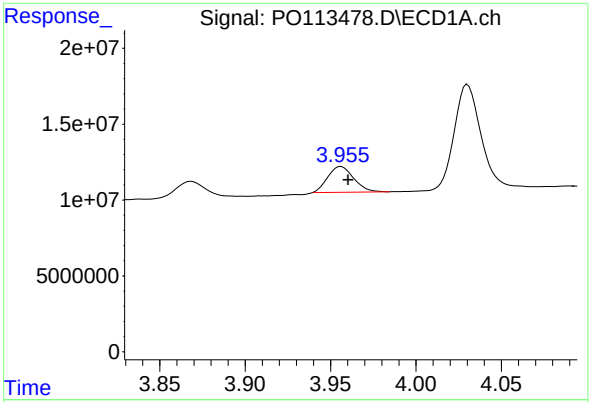
#8 AR-1221-1

R.T.: 3.868 min
Delta R.T.: -0.006 min
Response: 13161775
Conc: 140.66 ng/ml



#8 AR-1221-1

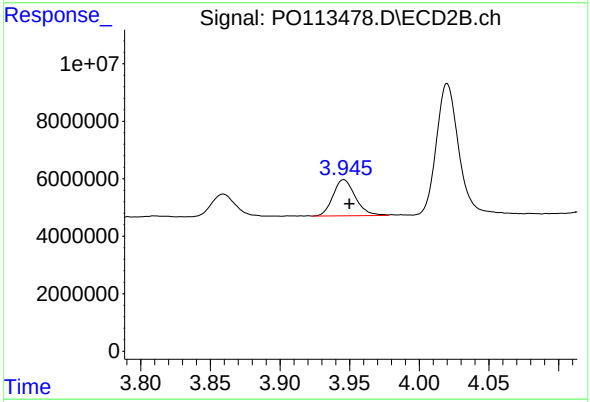
R.T.: 3.859 min
Delta R.T.: -0.005 min
Response: 9469807
Conc: 150.03 ng/ml



#9 AR-1221-2

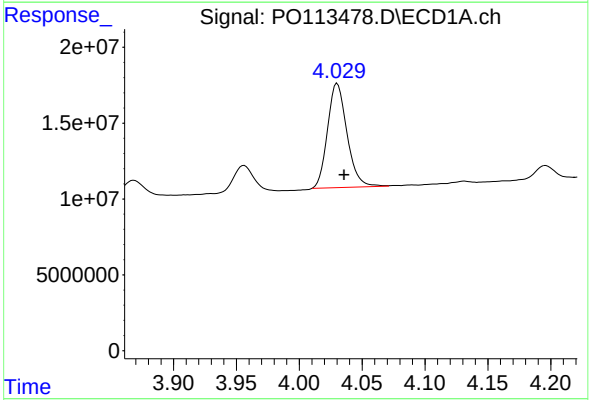
R.T.: 3.956 min
Delta R.T.: -0.004 min
Response: 18011279
Conc: 266.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



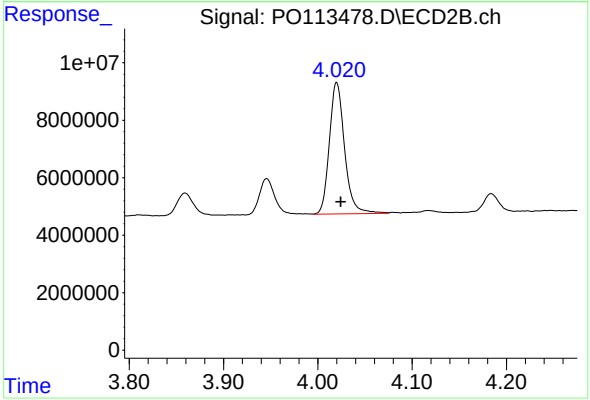
#9 AR-1221-2

R.T.: 3.946 min
Delta R.T.: -0.004 min
Response: 14093823
Conc: 301.97 ng/ml



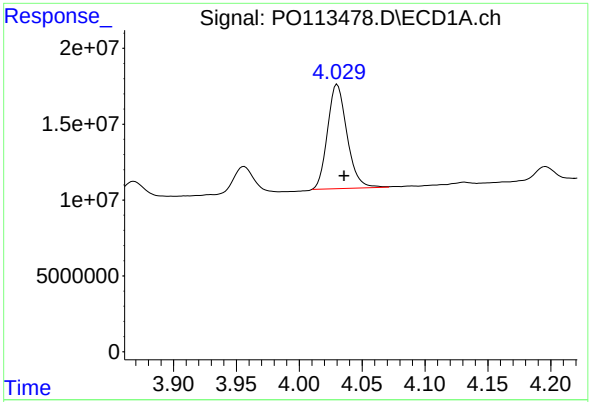
#10 AR-1221-3

R.T.: 4.030 min
Delta R.T.: -0.005 min
Response: 73946356
Conc: 334.07 ng/ml



#10 AR-1221-3

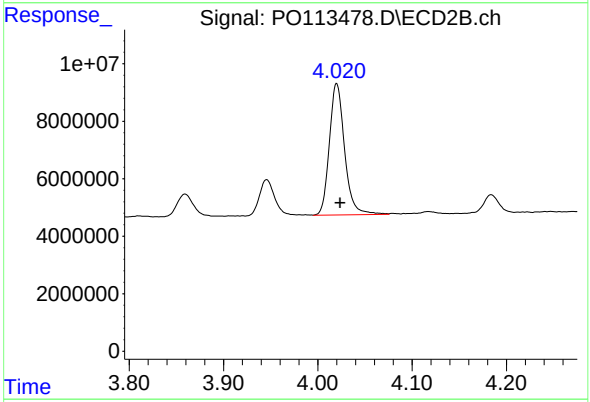
R.T.: 4.020 min
Delta R.T.: -0.004 min
Response: 51383710
Conc: 346.08 ng/ml



#11 AR-1232-1

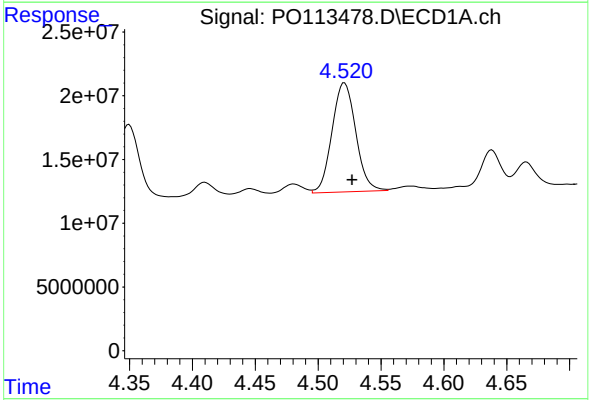
R.T.: 4.030 min
Delta R.T.: -0.005 min
Response: 73946356
Conc: 424.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



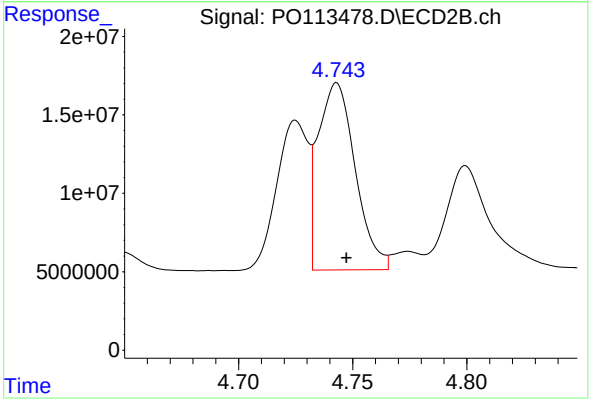
#11 AR-1232-1

R.T.: 4.020 min
Delta R.T.: -0.003 min
Response: 51383710
Conc: 437.67 ng/ml



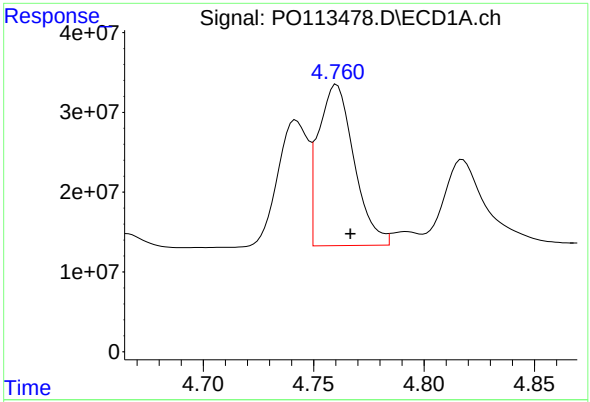
#12 AR-1232-2

R.T.: 4.521 min
Delta R.T.: -0.006 min
Response: 112721879
Conc: 1128.88 ng/ml



#12 AR-1232-2

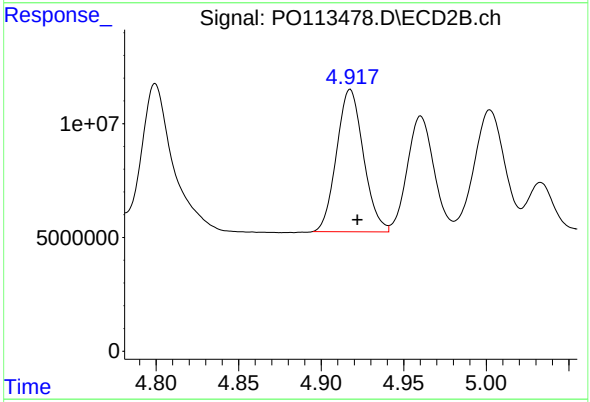
R.T.: 4.743 min
Delta R.T.: -0.004 min
Response: 135232267
Conc: 1103.53 ng/ml



#13 AR-1232-3

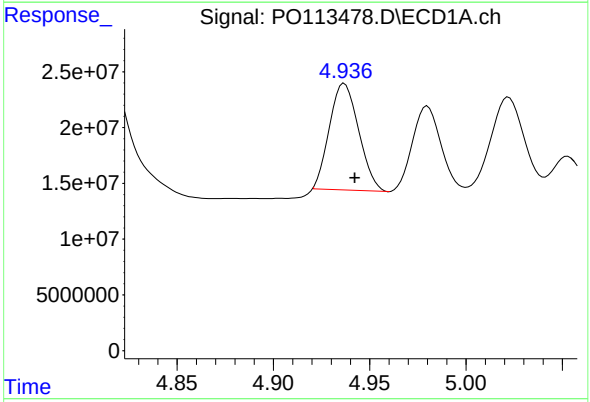
R.T.: 4.760 min
Delta R.T.: -0.006 min
Response: 227760534
Conc: 1202.06 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



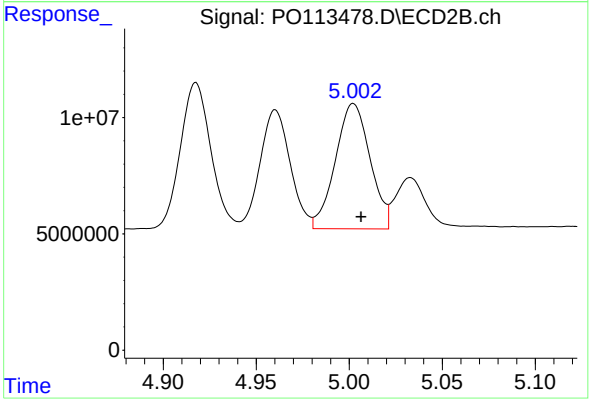
#13 AR-1232-3

R.T.: 4.918 min
Delta R.T.: -0.004 min
Response: 70947214
Conc: 1120.00 ng/ml



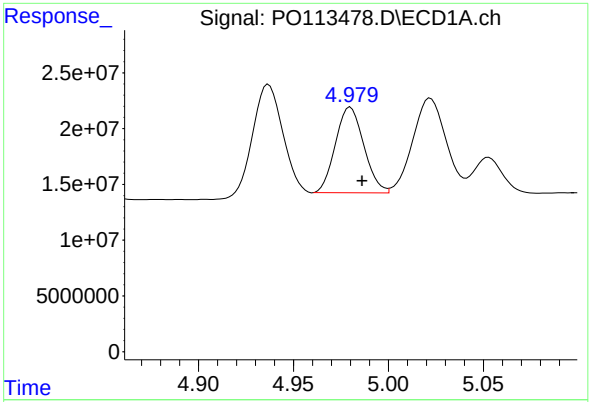
#14 AR-1232-4

R.T.: 4.937 min
Delta R.T.: -0.005 min
Response: 100729185
Conc: 1069.66 ng/ml



#14 AR-1232-4

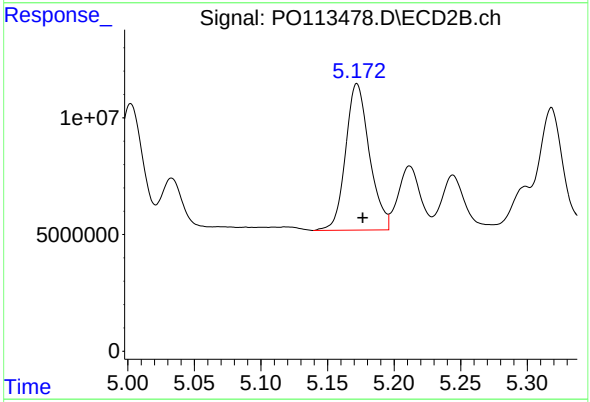
R.T.: 5.002 min
Delta R.T.: -0.004 min
Response: 69921176
Conc: 1243.68 ng/ml



#15 AR-1232-5

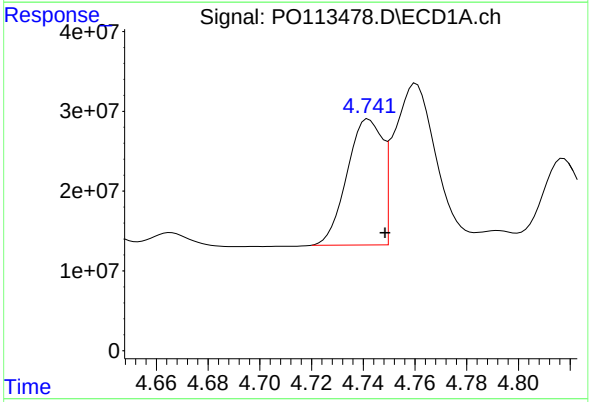
R.T.: 4.980 min
Delta R.T.: -0.006 min
Response: 79974727
Conc: 1291.10 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



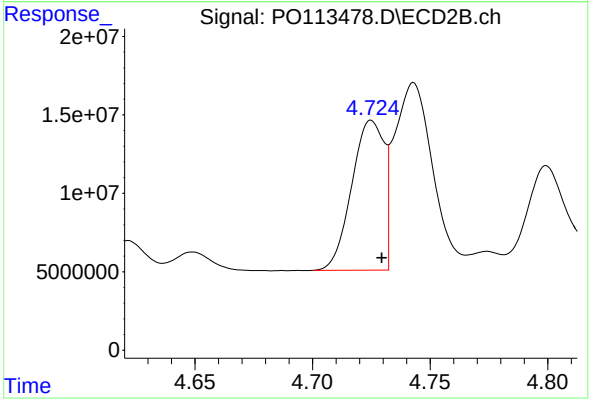
#15 AR-1232-5

R.T.: 5.172 min
Delta R.T.: -0.004 min
Response: 78252607
Conc: 1307.18 ng/ml



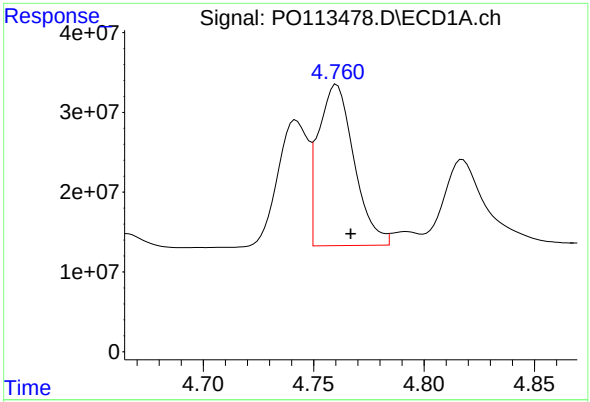
#16 AR-1242-1

R.T.: 4.742 min
Delta R.T.: -0.006 min
Response: 149823670
Conc: 651.60 ng/ml



#16 AR-1242-1

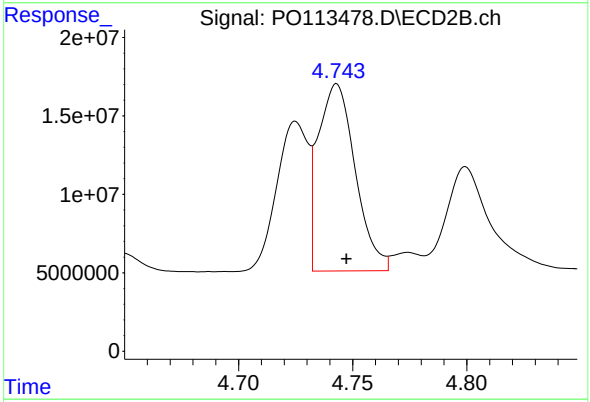
R.T.: 4.725 min
Delta R.T.: -0.005 min
Response: 91343543
Conc: 632.12 ng/ml



#17 AR-1242-2

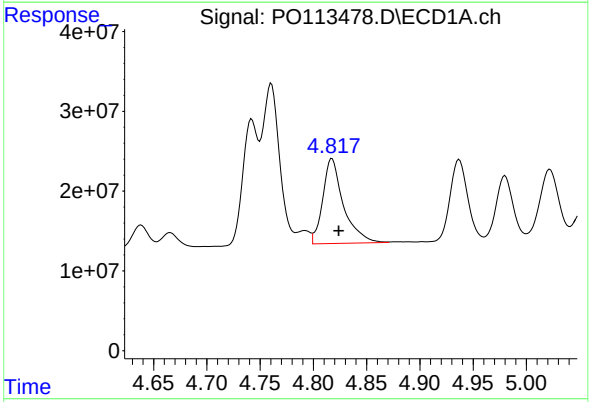
R.T.: 4.760 min
Delta R.T.: -0.006 min
Response: 227760534
Conc: 662.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



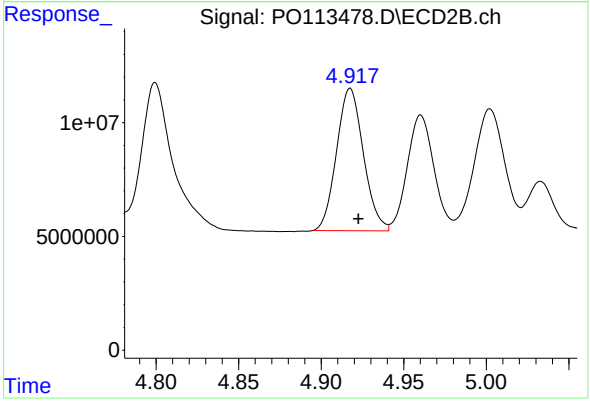
#17 AR-1242-2

R.T.: 4.743 min
Delta R.T.: -0.004 min
Response: 135232267
Conc: 623.45 ng/ml



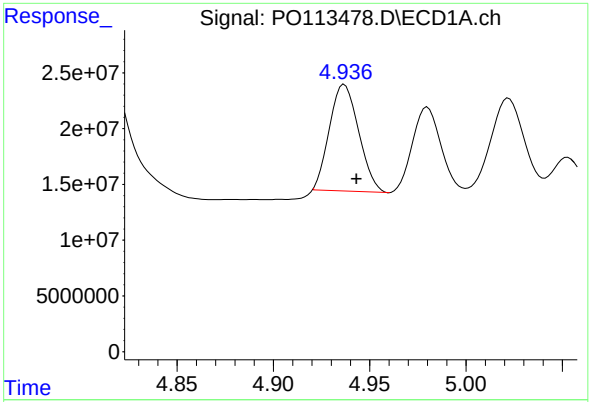
#18 AR-1242-3

R.T.: 4.817 min
Delta R.T.: -0.006 min
Response: 143837457
Conc: 648.25 ng/ml



#18 AR-1242-3

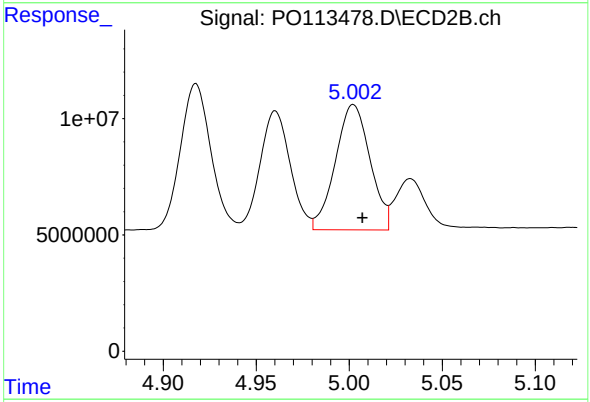
R.T.: 4.918 min
Delta R.T.: -0.005 min
Response: 70947214
Conc: 606.57 ng/ml



#19 AR-1242-4

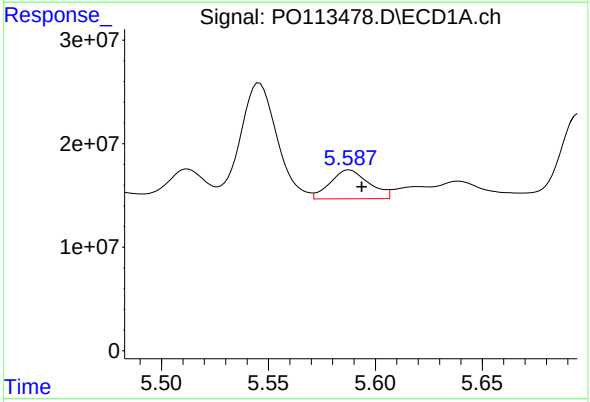
R.T.: 4.937 min
Delta R.T.: -0.006 min
Response: 100729185
Conc: 580.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



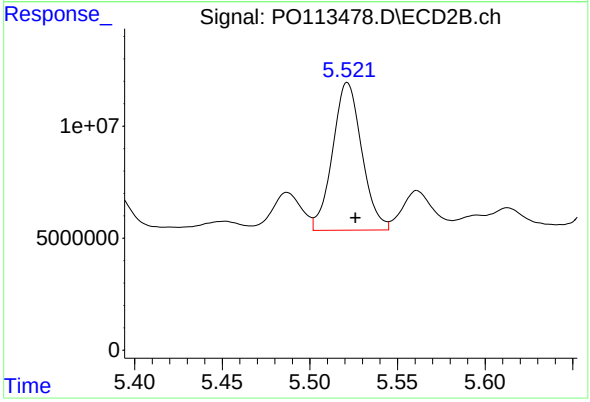
#19 AR-1242-4

R.T.: 5.002 min
Delta R.T.: -0.005 min
Response: 69921176
Conc: 594.38 ng/ml



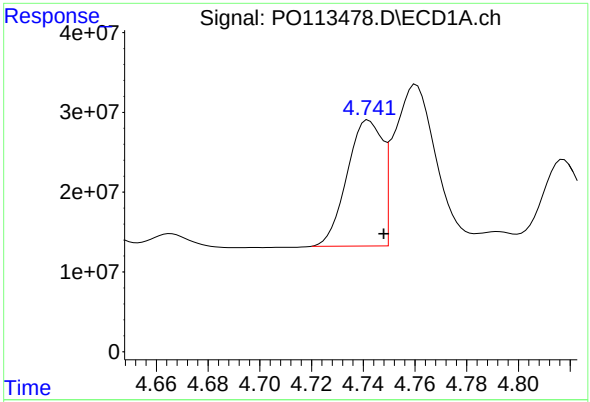
#20 AR-1242-5

R.T.: 5.588 min
Delta R.T.: -0.006 min
Response: 35319934
Conc: 176.46 ng/ml



#20 AR-1242-5

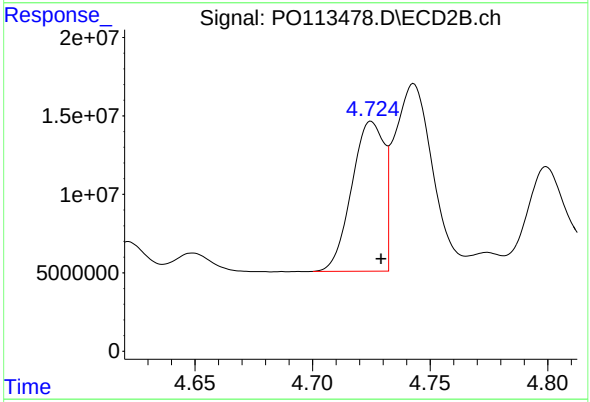
R.T.: 5.521 min
Delta R.T.: -0.005 min
Response: 76509193
Conc: 513.03 ng/ml



#21 AR-1248-1

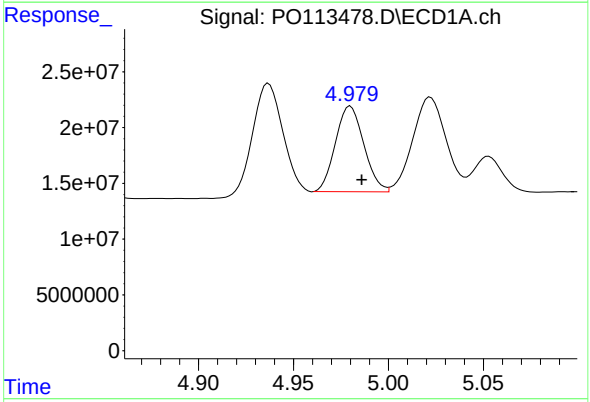
R.T.: 4.742 min
Delta R.T.: -0.006 min
Response: 149823670
Conc: 858.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



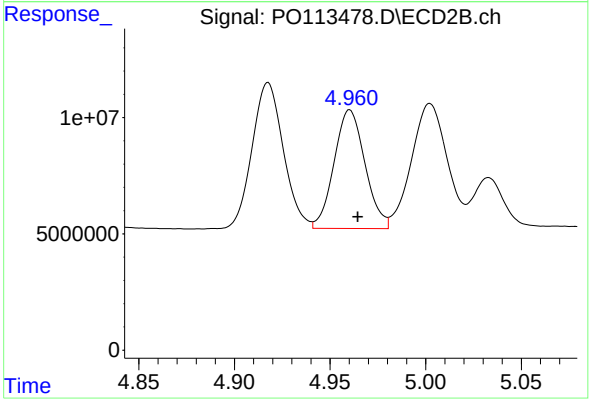
#21 AR-1248-1

R.T.: 4.725 min
Delta R.T.: -0.004 min
Response: 91343543
Conc: 819.14 ng/ml



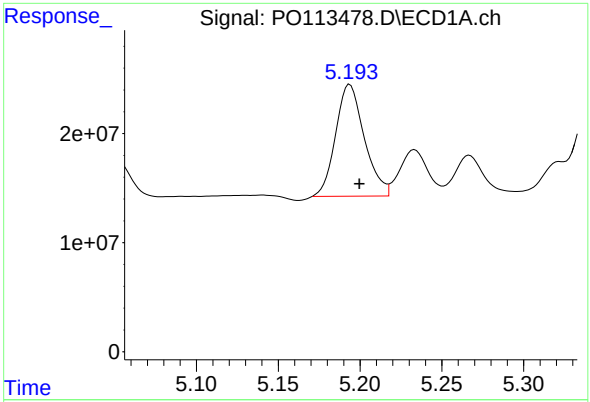
#22 AR-1248-2

R.T.: 4.980 min
Delta R.T.: -0.006 min
Response: 79974727
Conc: 330.66 ng/ml



#22 AR-1248-2

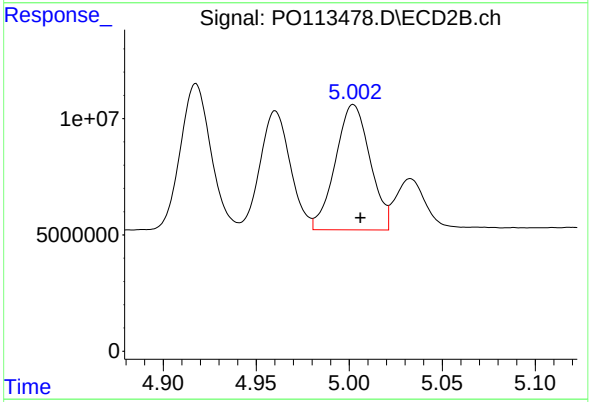
R.T.: 4.960 min
Delta R.T.: -0.004 min
Response: 57526704
Conc: 357.98 ng/ml



#23 AR-1248-3

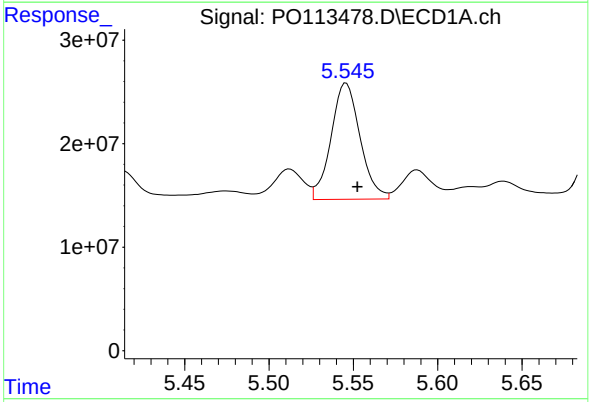
R.T.: 5.194 min
Delta R.T.: -0.006 min
Response: 125102223
Conc: 392.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



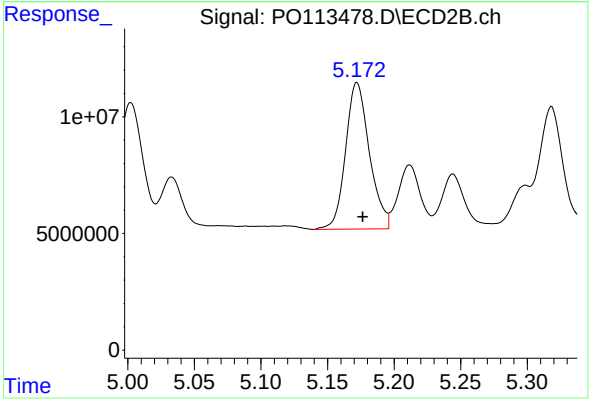
#23 AR-1248-3

R.T.: 5.002 min
Delta R.T.: -0.004 min
Response: 69921176
Conc: 412.12 ng/ml



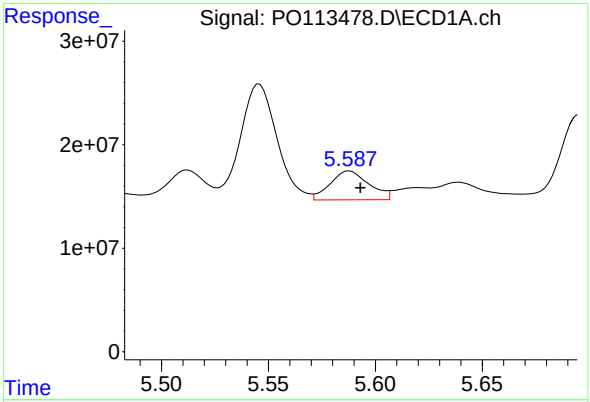
#24 AR-1248-4

R.T.: 5.546 min
Delta R.T.: -0.007 min
Response: 134552551
Conc: 269.32 ng/ml



#24 AR-1248-4

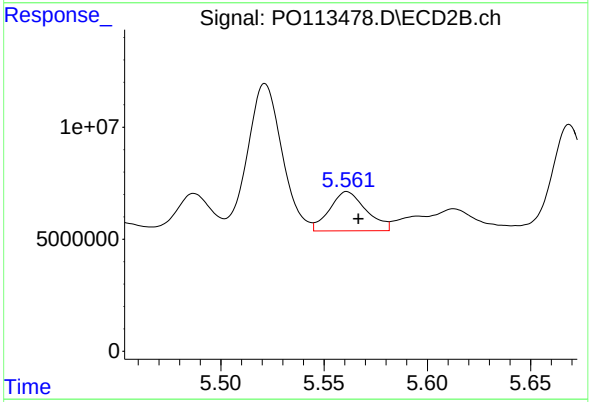
R.T.: 5.172 min
Delta R.T.: -0.004 min
Response: 78252607
Conc: 392.79 ng/ml



#25 AR-1248-5

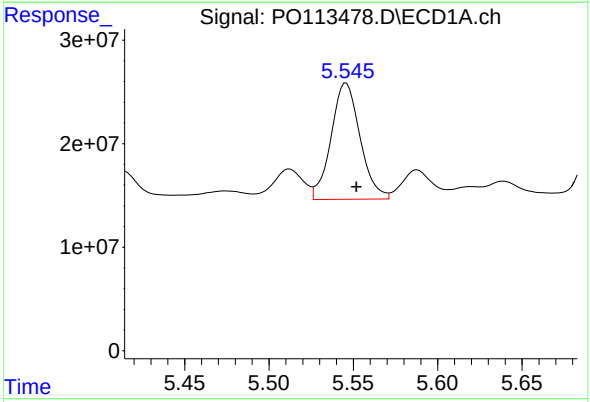
R.T.: 5.588 min
Delta R.T.: -0.005 min
Response: 35319934
Conc: 103.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



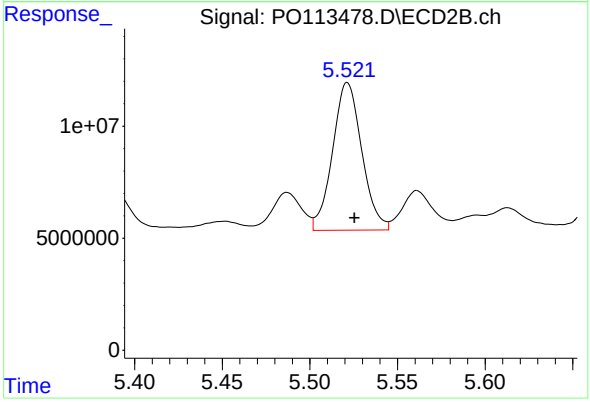
#25 AR-1248-5

R.T.: 5.561 min
Delta R.T.: -0.005 min
Response: 21592784
Conc: 101.71 ng/ml



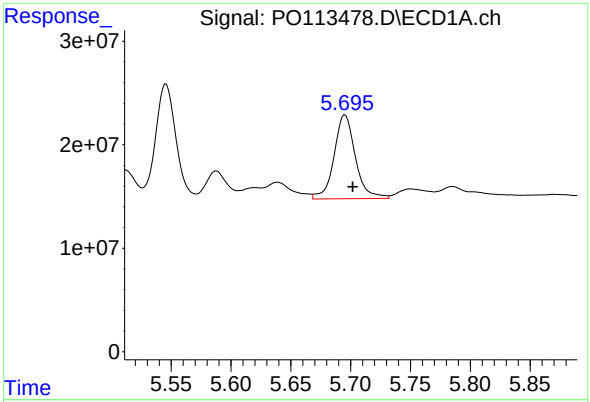
#26 AR-1254-1

R.T.: 5.546 min
Delta R.T.: -0.006 min
Response: 134552551
Conc: 249.18 ng/ml



#26 AR-1254-1

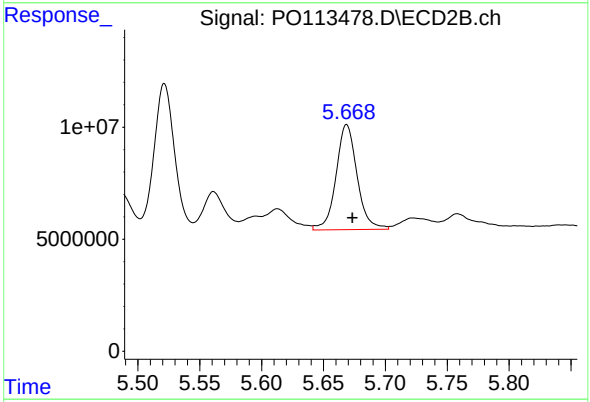
R.T.: 5.521 min
Delta R.T.: -0.004 min
Response: 76509193
Conc: 242.61 ng/ml



#27 AR-1254-2

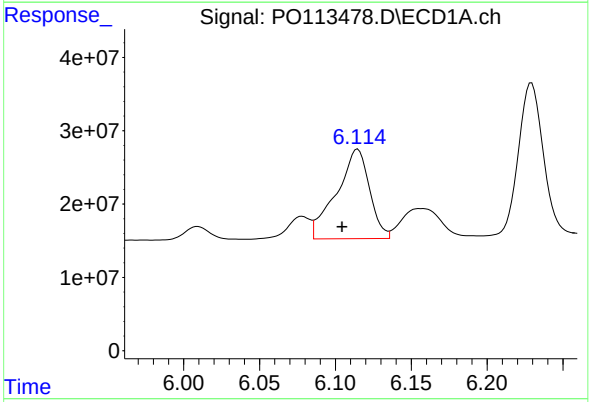
R.T.: 5.695 min
Delta R.T.: -0.006 min
Response: 100395264
Conc: 203.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



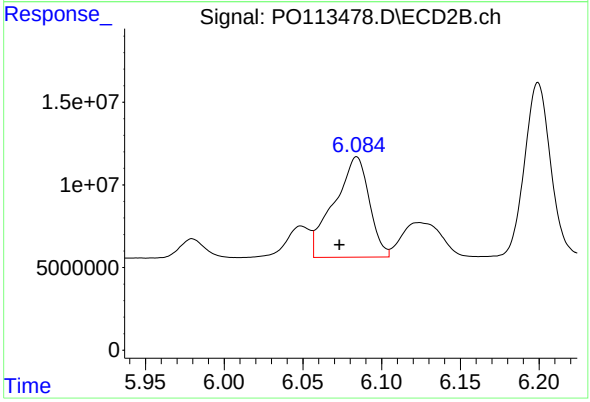
#27 AR-1254-2

R.T.: 5.669 min
Delta R.T.: -0.005 min
Response: 55617946
Conc: 198.40 ng/ml



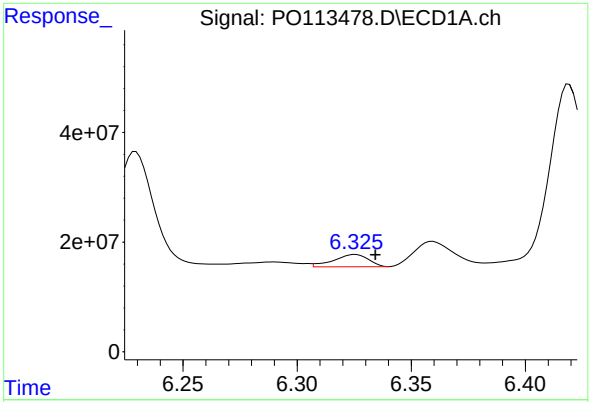
#28 AR-1254-3

R.T.: 6.115 min
Delta R.T.: 0.010 min
Response: 185604761
Conc: 251.20 ng/ml



#28 AR-1254-3

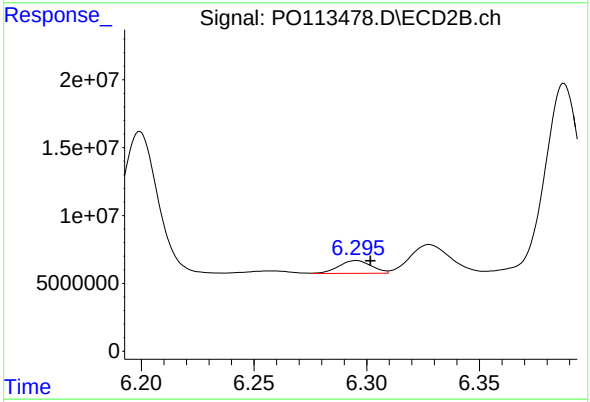
R.T.: 6.084 min
Delta R.T.: 0.011 min
Response: 94490125
Conc: 226.64 ng/ml



#29 AR-1254-4

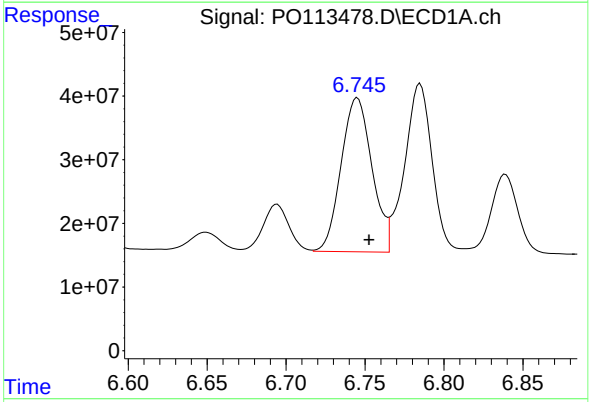
R.T.: 6.325 min
Delta R.T.: -0.009 min
Response: 23762424
Conc: 42.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



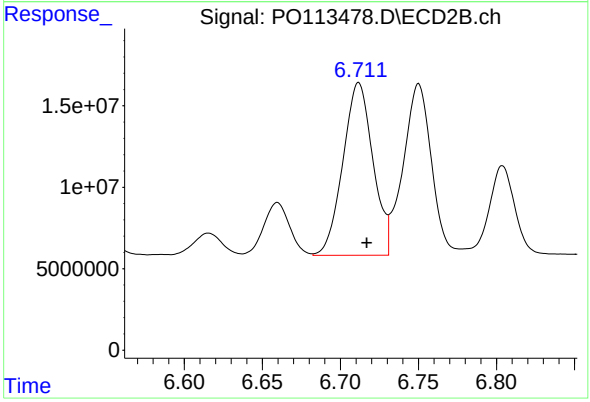
#29 AR-1254-4

R.T.: 6.295 min
Delta R.T.: -0.006 min
Response: 9428806
Conc: 34.31 ng/ml



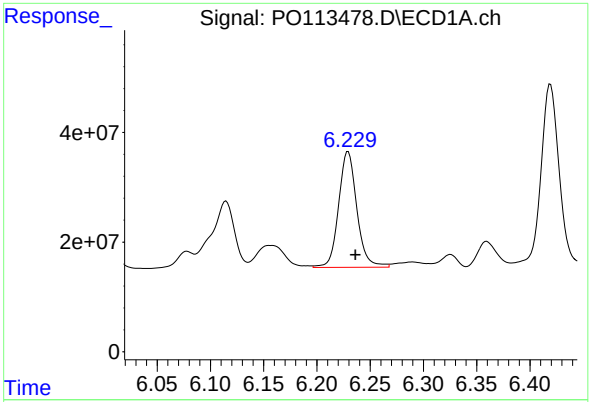
#30 AR-1254-5

R.T.: 6.745 min
Delta R.T.: -0.007 min
Response: 329081390
Conc: 469.46 ng/ml



#30 AR-1254-5

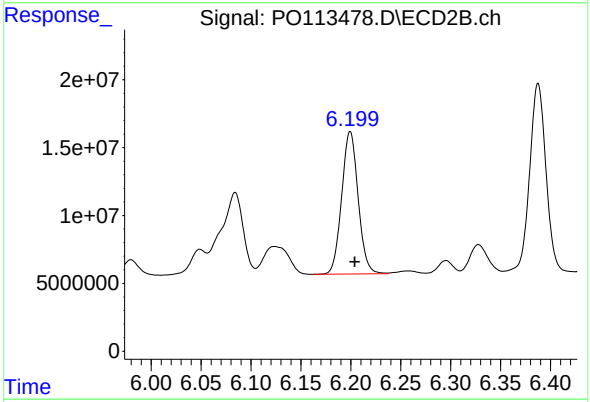
R.T.: 6.712 min
Delta R.T.: -0.005 min
Response: 141883793
Conc: 396.89 ng/ml



#31 AR-1260-1

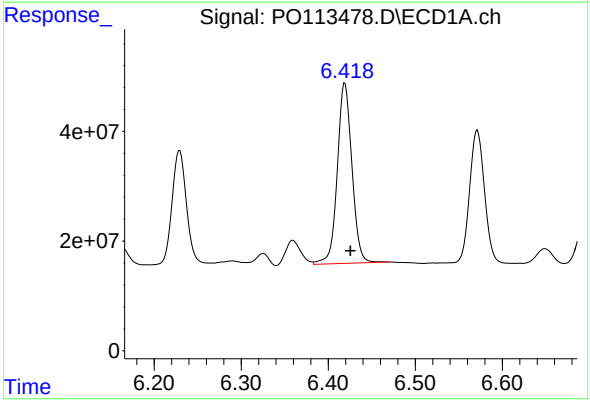
R.T.: 6.229 min
Delta R.T.: -0.007 min
Response: 251979191
Conc: 565.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



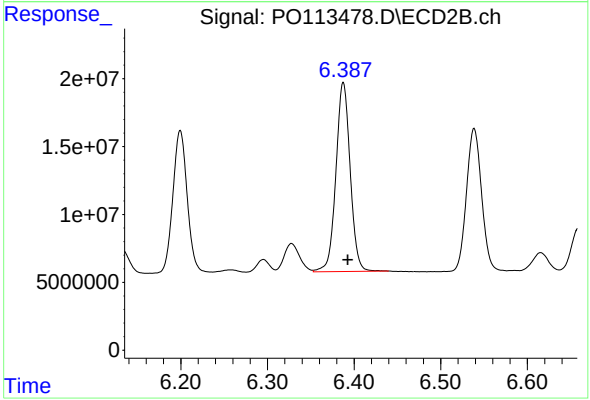
#31 AR-1260-1

R.T.: 6.199 min
Delta R.T.: -0.005 min
Response: 120624893
Conc: 472.91 ng/ml



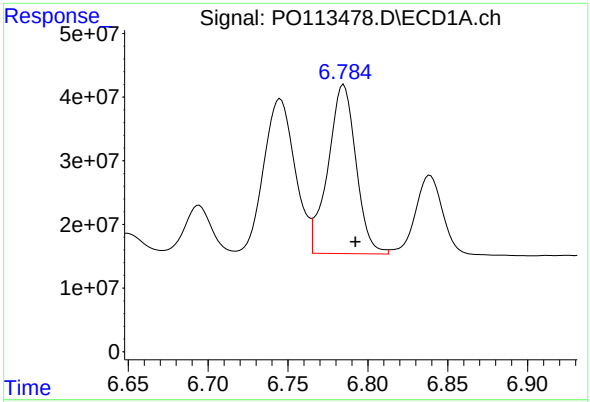
#32 AR-1260-2

R.T.: 6.419 min
Delta R.T.: -0.006 min
Response: 383881354
Conc: 559.01 ng/ml



#32 AR-1260-2

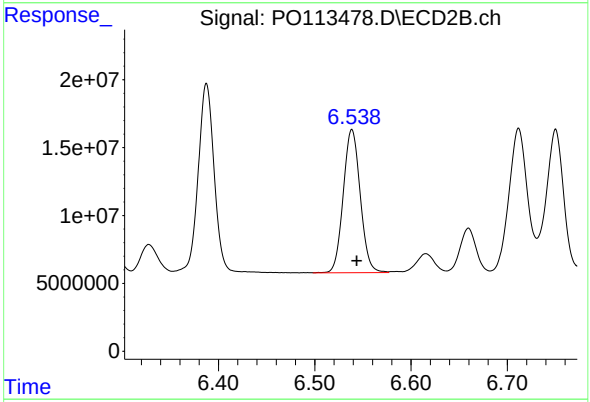
R.T.: 6.388 min
Delta R.T.: -0.005 min
Response: 159795744
Conc: 462.22 ng/ml



#33 AR-1260-3

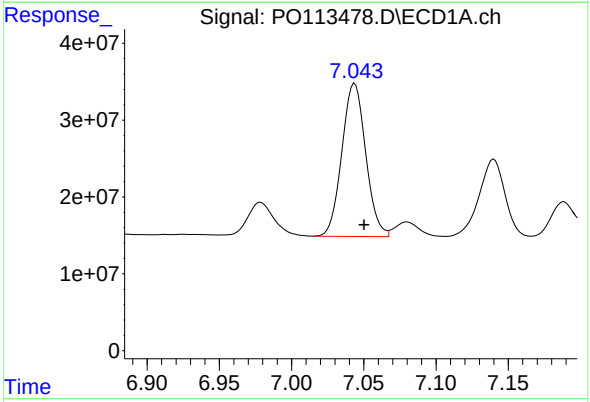
R.T.: 6.785 min
Delta R.T.: -0.007 min
Response: 323433002
Conc: 523.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



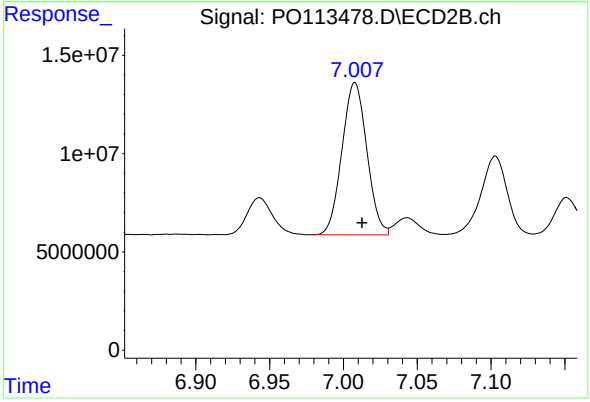
#33 AR-1260-3

R.T.: 6.539 min
Delta R.T.: -0.005 min
Response: 128752614
Conc: 432.88 ng/ml



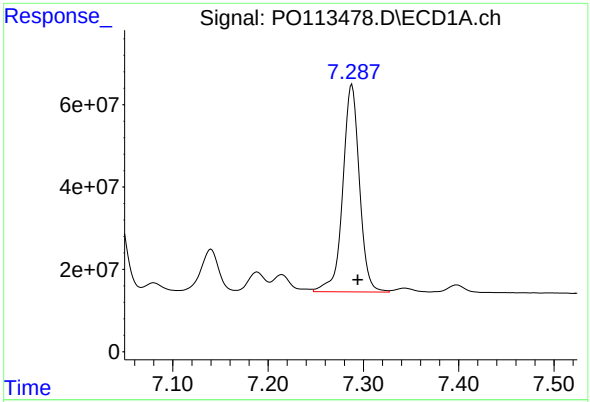
#34 AR-1260-4

R.T.: 7.044 min
Delta R.T.: -0.006 min
Response: 228183090
Conc: 509.48 ng/ml



#34 AR-1260-4

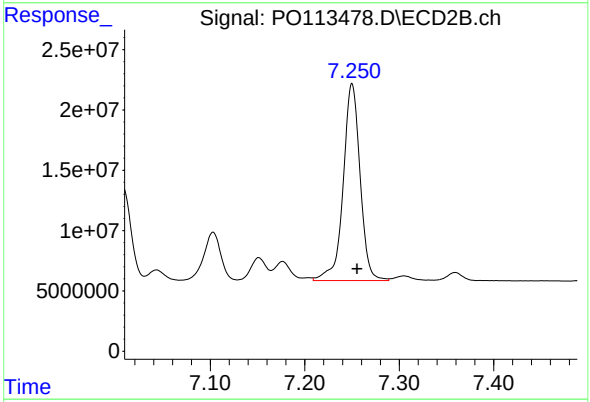
R.T.: 7.008 min
Delta R.T.: -0.005 min
Response: 90912792
Conc: 438.66 ng/ml



#35 AR-1260-5

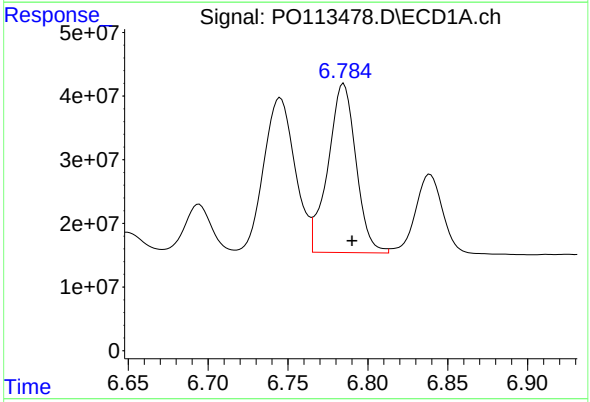
R.T.: 7.288 min
Delta R.T.: -0.006 min
Response: 612742915
Conc: 506.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



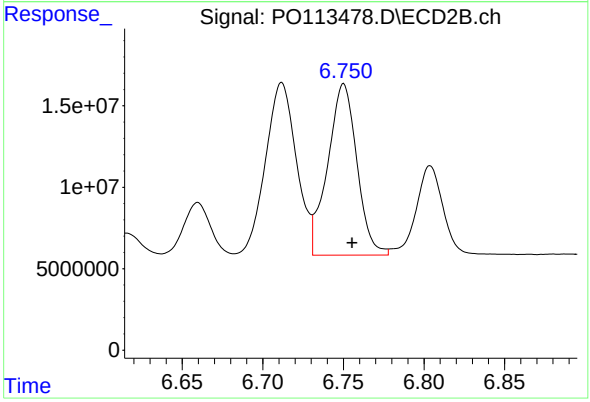
#35 AR-1260-5

R.T.: 7.250 min
Delta R.T.: -0.005 min
Response: 203230302
Conc: 433.85 ng/ml



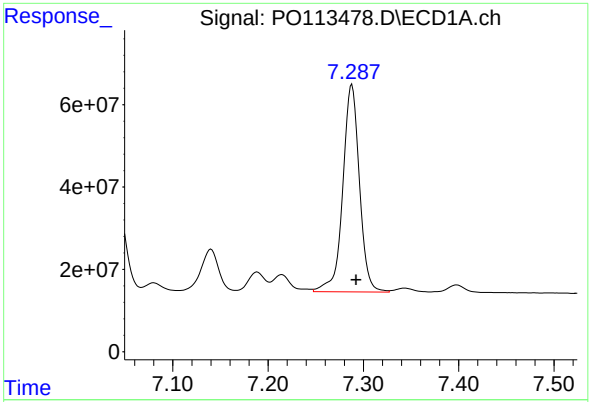
#36 AR-1262-1

R.T.: 6.785 min
Delta R.T.: -0.005 min
Response: 323433002
Conc: 353.18 ng/ml



#36 AR-1262-1

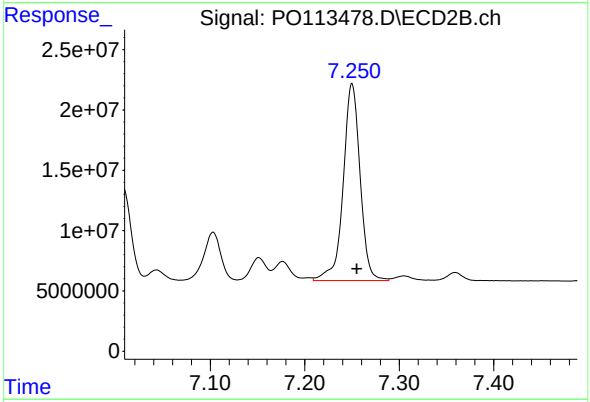
R.T.: 6.750 min
Delta R.T.: -0.005 min
Response: 132853124
Conc: 320.43 ng/ml



#37 AR-1262-2

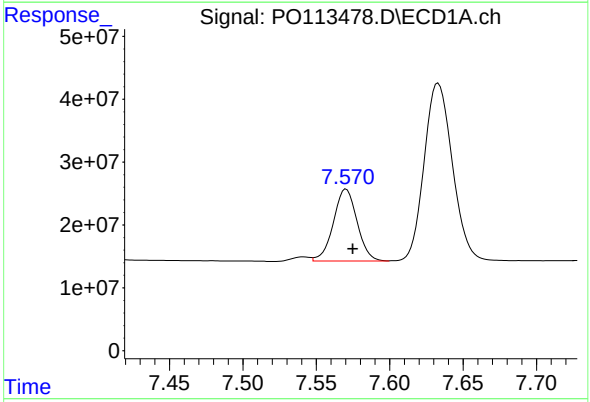
R.T.: 7.288 min
Delta R.T.: -0.004 min
Response: 612742915
Conc: 405.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



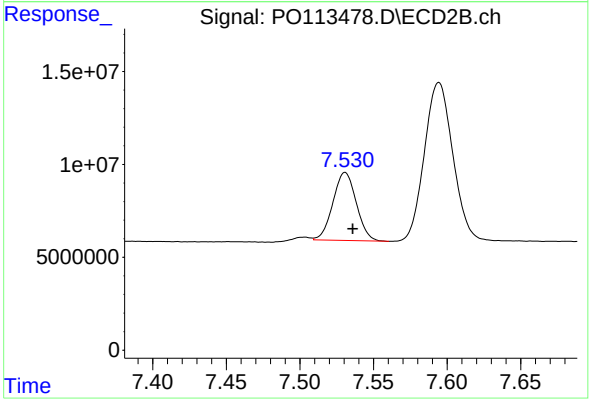
#37 AR-1262-2

R.T.: 7.250 min
Delta R.T.: -0.005 min
Response: 203230302
Conc: 392.59 ng/ml



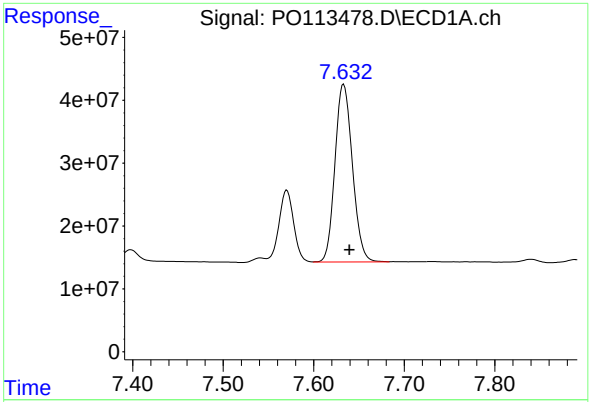
#38 AR-1262-3

R.T.: 7.570 min
Delta R.T.: -0.004 min
Response: 128626437
Conc: 232.13 ng/ml



#38 AR-1262-3

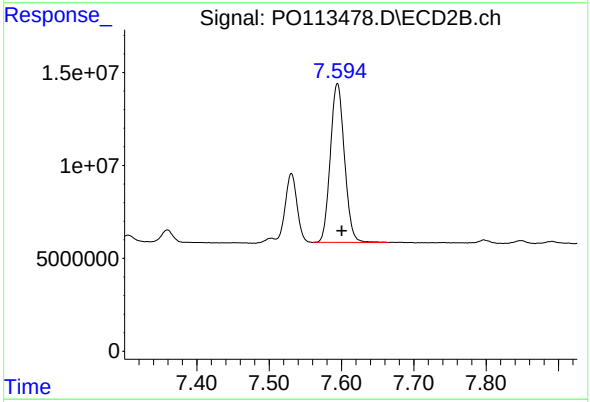
R.T.: 7.531 min
Delta R.T.: -0.005 min
Response: 40480804
Conc: 225.41 ng/ml



#39 AR-1262-4

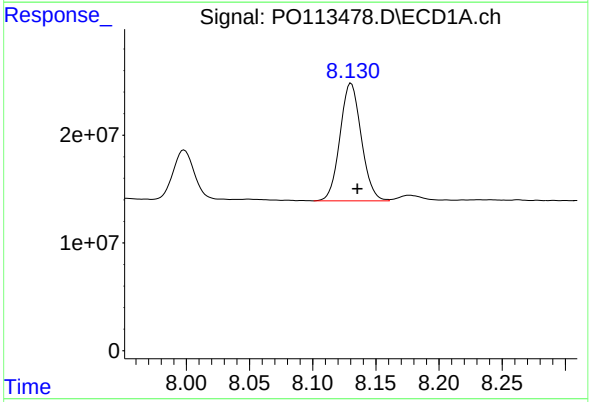
R.T.: 7.633 min
Delta R.T.: -0.006 min
Response: 378679498
Conc: 387.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



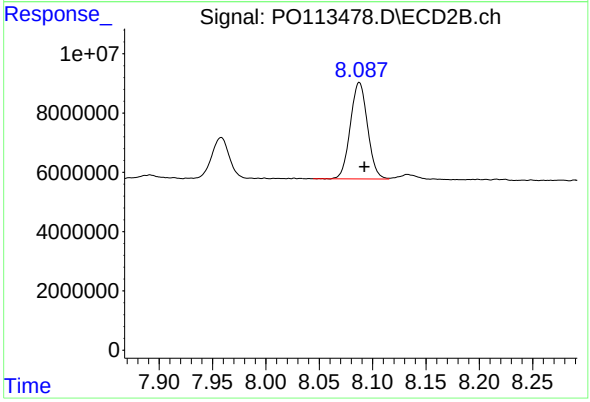
#39 AR-1262-4

R.T.: 7.594 min
Delta R.T.: -0.006 min
Response: 115985072
Conc: 400.08 ng/ml



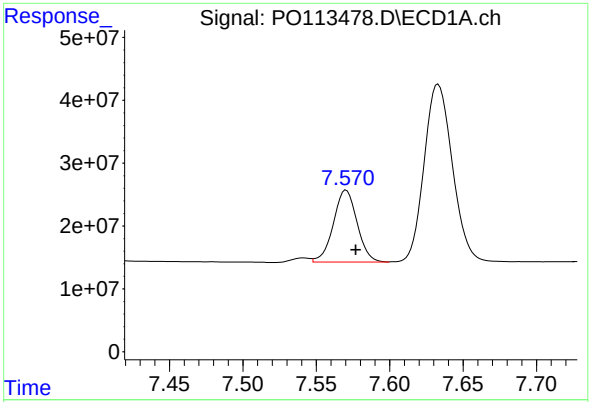
#40 AR-1262-5

R.T.: 8.130 min
Delta R.T.: -0.005 min
Response: 128097127
Conc: 307.28 ng/ml



#40 AR-1262-5

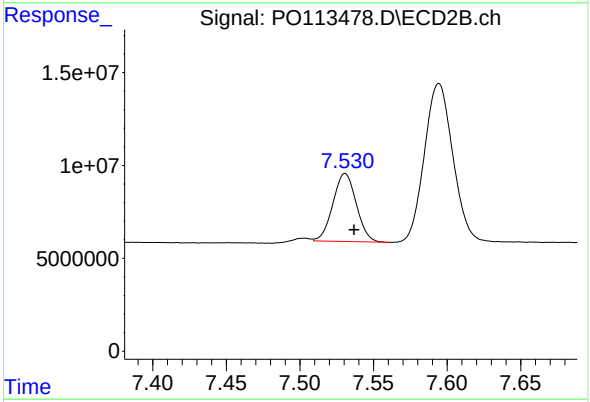
R.T.: 8.088 min
Delta R.T.: -0.005 min
Response: 36458236
Conc: 336.54 ng/ml



#41 AR-1268-1

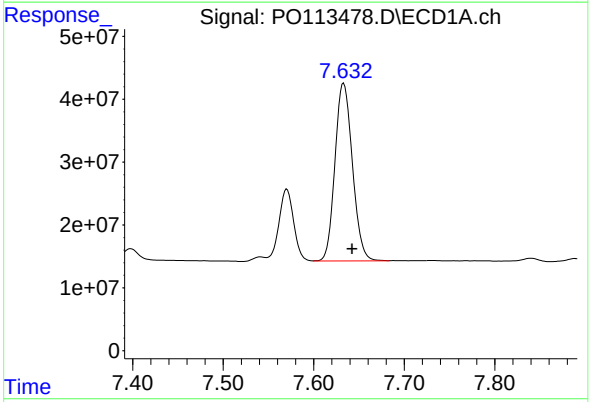
R.T.: 7.570 min
Delta R.T.: -0.007 min
Response: 128626437
Conc: 74.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



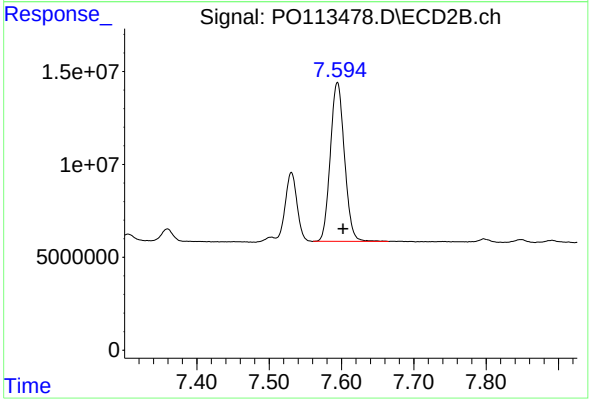
#41 AR-1268-1

R.T.: 7.531 min
Delta R.T.: -0.006 min
Response: 40480804
Conc: 79.46 ng/ml



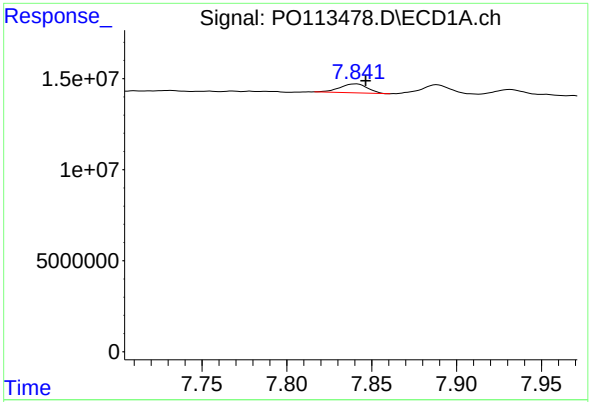
#42 AR-1268-2

R.T.: 7.633 min
Delta R.T.: -0.009 min
Response: 378679498
Conc: 261.49 ng/ml



#42 AR-1268-2

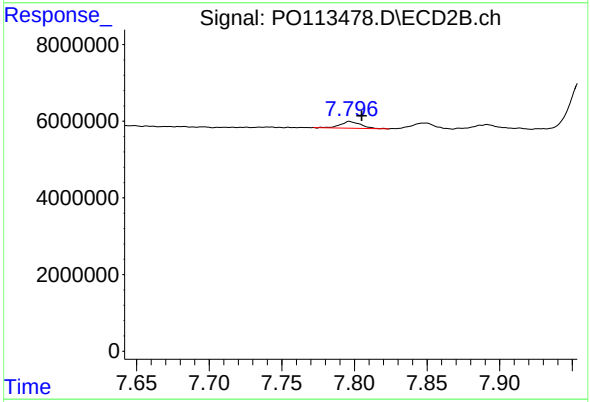
R.T.: 7.594 min
Delta R.T.: -0.008 min
Response: 115985072
Conc: 279.21 ng/ml



#43 AR-1268-3

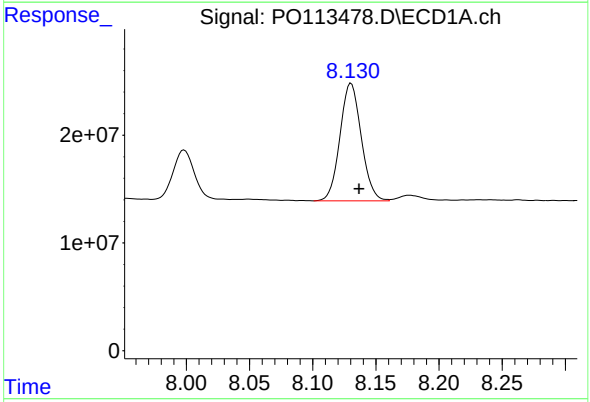
R.T.: 7.841 min
Delta R.T.: -0.006 min
Response: 5638458
Conc: 4.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



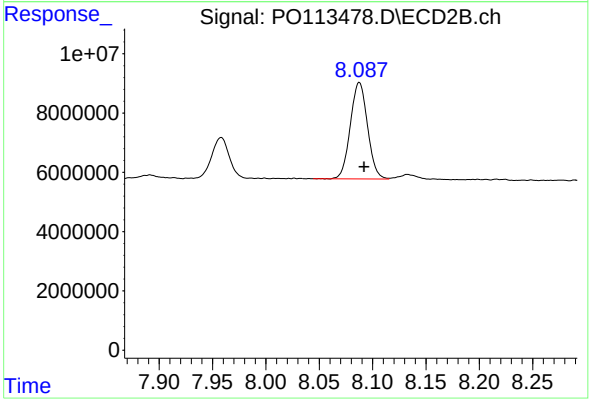
#43 AR-1268-3

R.T.: 7.797 min
Delta R.T.: -0.008 min
Response: 1687215
Conc: 5.17 ng/ml



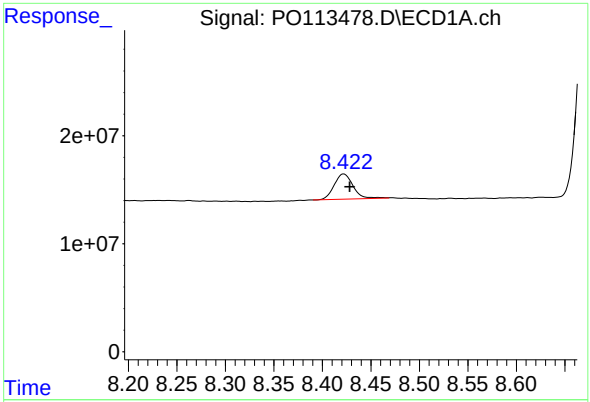
#44 AR-1268-4

R.T.: 8.130 min
Delta R.T.: -0.006 min
Response: 128097127
Conc: 278.07 ng/ml



#44 AR-1268-4

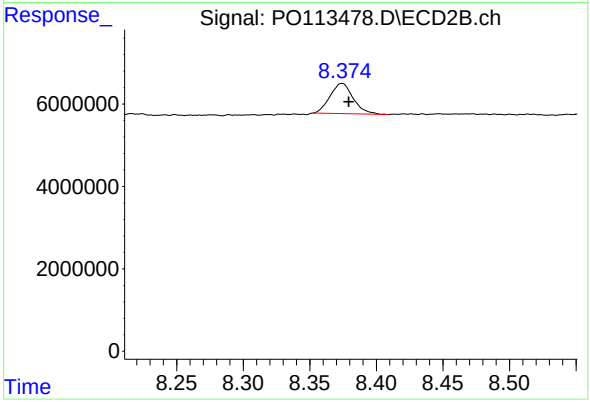
R.T.: 8.088 min
Delta R.T.: -0.004 min
Response: 36458236
Conc: 302.73 ng/ml



#45 AR-1268-5

R.T.: 8.422 min
Delta R.T.: -0.006 min
Response: 31611135
Conc: 9.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.374 min
Delta R.T.: -0.005 min
Response: 8884181
Conc: 11.38 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113484.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 21:15
Operator : YP/AJ
Sample : PB169547BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB169547BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:36:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.660	3.652	165.4E6	97230225	20.200	19.213	
2)	SA Decachlor...	8.676	8.621	134.3E6	40316798	19.369	21.277	
	Target Compounds							
3)	L1 AR-1016-1	4.744	4.724	125.8E6	77011024	471.184	451.482	
4)	L1 AR-1016-2	4.762	4.742	199.6E6	117.5E6	497.317	455.955	
5)	L1 AR-1016-3	4.819	4.917	125.2E6	60060602	490.949	430.189	
6)	L1 AR-1016-4	4.939	4.960	88962250	48275247	407.956	413.673	
7)	L1 AR-1016-5	5.195	5.172	101.8E6	63023323	459.193	442.176	
8)	L2 AR-1221-1	3.870	3.859	10604250	7344331	113.326	116.353	
9)	L2 AR-1221-2	3.957	3.945	12746914	9639738	188.702	206.537	
10)	L2 AR-1221-3	4.032	4.020	60801927	41437013	274.685	279.084	
11)	L3 AR-1232-1	4.032	4.020	60801927	41437013	349.424	352.948	
12)	L3 AR-1232-2	4.523	4.742	97206244	117.5E6	973.499	958.664	
13)	L3 AR-1232-3	4.762	4.917	199.6E6	60060602	1053.639	948.141	
14)	L3 AR-1232-4	4.939	5.001	88962250	59629737	944.703	1060.628	
15)	L3 AR-1232-5	4.981	5.172	68824038	63023323	1111.087	1052.783	
16)	L4 AR-1242-1	4.744	4.724	125.8E6	77011024	547.114	532.932	
17)	L4 AR-1242-2	4.762	4.742	199.6E6	117.5E6	580.978	541.602	
18)	L4 AR-1242-3	4.819	4.917	125.2E6	60060602	564.272	513.495	
19)	L4 AR-1242-4	4.939	5.001	88962250	59629737	512.861	506.894	
20)	L4 AR-1242-5	5.589	5.520	15575923	51698555	77.816	346.661	#
21)	L5 AR-1248-1	4.744	4.724	125.8E6	77011024	721.050	690.608	
22)	L5 AR-1248-2	4.981	4.960	68824038	48275247	284.555	300.408	
23)	L5 AR-1248-3	5.195	5.001	101.8E6	59629737	319.164	351.465	
24)	L5 AR-1248-4	5.547	5.172	89061353	63023323	178.264	316.350	#
25)	L5 AR-1248-5	5.589	5.561	15575923	9930143	45.611	46.775	
26)	L6 AR-1254-1	5.547	5.520	89061353	51698555	164.935	163.938	
27)	L6 AR-1254-2	5.697	5.668	91056121	49833729	184.528	177.762	
28)	L6 AR-1254-3	6.116	6.083	170.3E6	83515556	230.540	200.314	
29)	L6 AR-1254-4	6.330	6.296	18172712	7653729	32.626	27.848	
30)	L6 AR-1254-5	6.747	6.710	314.4E6	138.8E6	448.449	388.235	
31)	L7 AR-1260-1	6.231	6.198	224.4E6	110.5E6	503.062	433.162	
32)	L7 AR-1260-2	6.420	6.387	335.0E6	143.3E6	487.788	414.574	
33)	L7 AR-1260-3	6.786	6.537	249.0E6	118.9E6	403.196	399.693	
34)	L7 AR-1260-4	7.045	7.007	179.6E6	72649696	401.057	350.542	
35)	L7 AR-1260-5	7.289	7.249	522.1E6	161.2E6	431.248	344.072	
36)	L8 AR-1262-1	6.786	6.749	249.0E6	105.8E6	271.864	255.114	
37)	L8 AR-1262-2	7.289	7.249	522.1E6	161.2E6	345.272	311.344	
38)	L8 AR-1262-3	7.570	7.529	96620392	27104076	174.371	150.922	
39)	L8 AR-1262-4	7.634	7.593	320.3E6	89908955	327.480	310.136	
40)	L8 AR-1262-5	8.131	8.087	86619999	23815178	207.782	219.837	
41)	L9 AR-1268-1	7.570	7.529	96620392	27104076	56.146	53.201	

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113484.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 21:15
Operator : YP/AJ
Sample : PB169547BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB169547BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:36:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	7.634	7.593	320.3E6	89908955	221.155	216.438
43)	L9 AR-1268-3	7.841	7.797	6865339	2294358	5.691	7.027
44)	L9 AR-1268-4	8.131	8.087	86619999	23815178	188.033	197.747
45)	L9 AR-1268-5	8.422	8.372	23754832	6313988	7.450	8.085

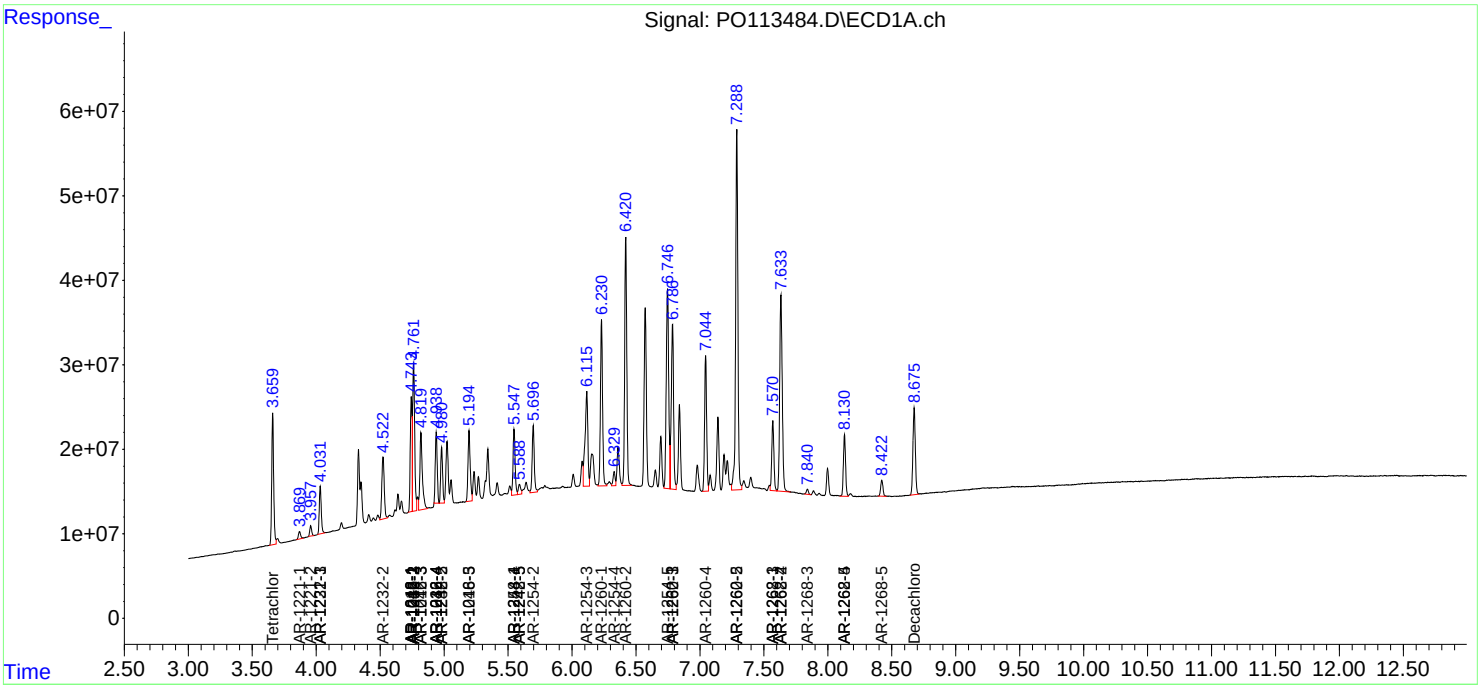
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

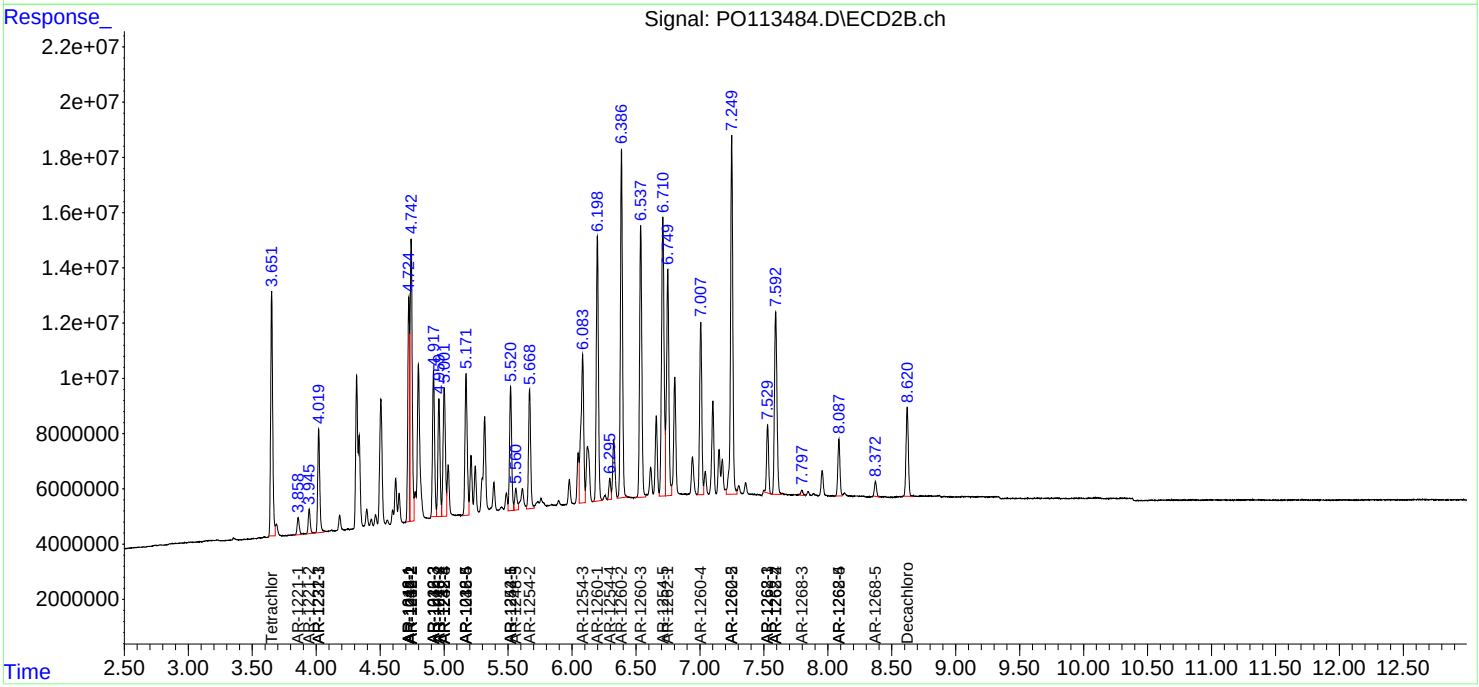
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113484.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 21:15
Operator : YP/AJ
Sample : PB169547BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

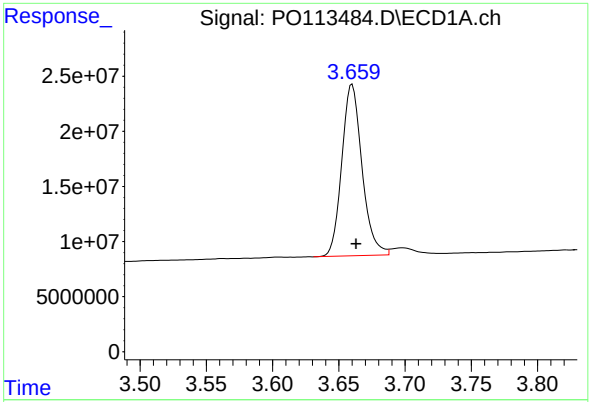
Instrument :
ECD_O
ClientSampleId :
PB169547BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:36:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



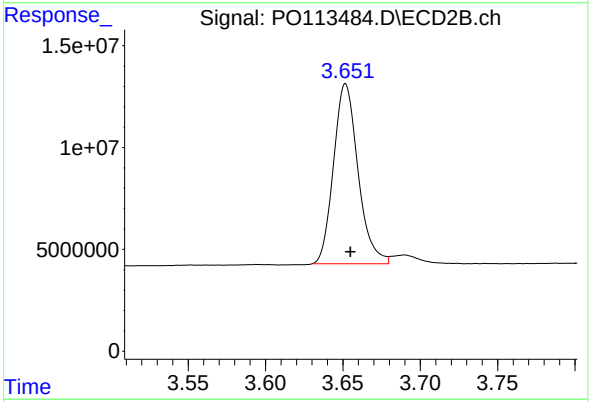




#1 Tetrachloro-m-xylene

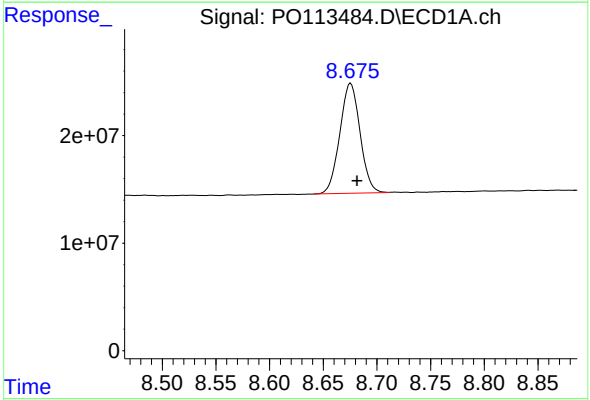
R.T.: 3.660 min
Delta R.T.: -0.003 min
Response: 165365966
Conc: 20.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BS



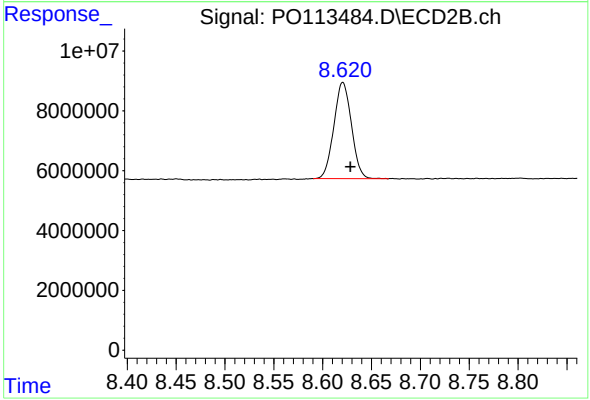
#1 Tetrachloro-m-xylene

R.T.: 3.652 min
Delta R.T.: -0.003 min
Response: 97230225
Conc: 19.21 ng/ml



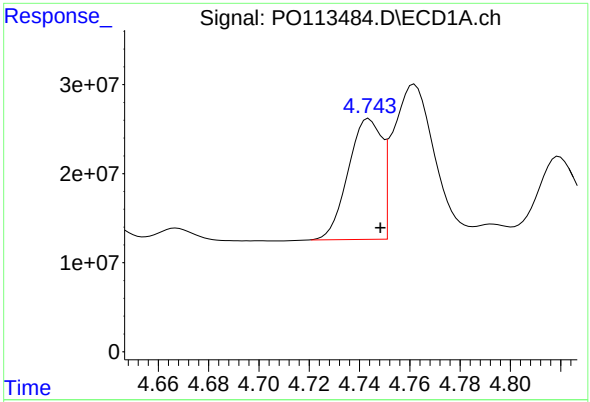
#2 Decachlorobiphenyl

R.T.: 8.676 min
Delta R.T.: -0.006 min
Response: 134253910
Conc: 19.37 ng/ml



#2 Decachlorobiphenyl

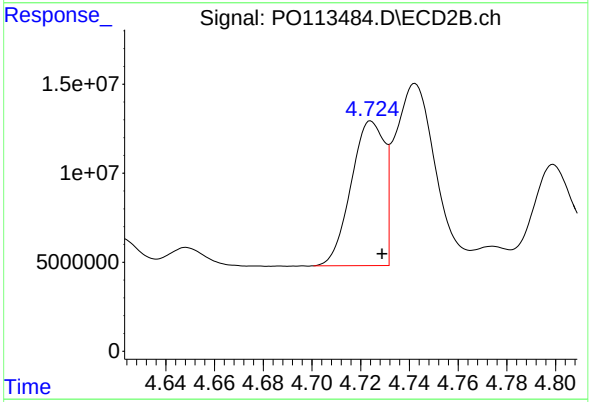
R.T.: 8.621 min
Delta R.T.: -0.008 min
Response: 40316798
Conc: 21.28 ng/ml



#3 AR-1016-1

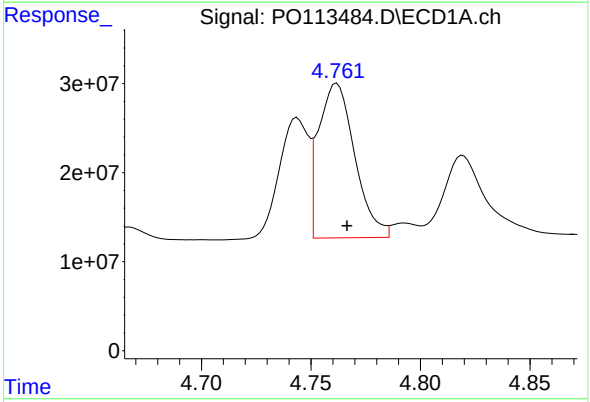
R.T.: 4.744 min
Delta R.T.: -0.004 min
Response: 125798938
Conc: 471.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BS



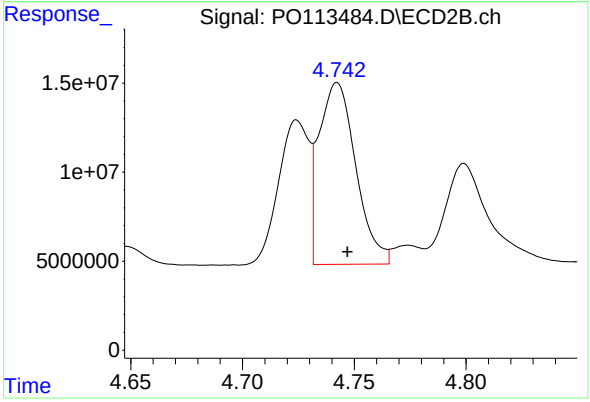
#3 AR-1016-1

R.T.: 4.724 min
Delta R.T.: -0.004 min
Response: 77011024
Conc: 451.48 ng/ml



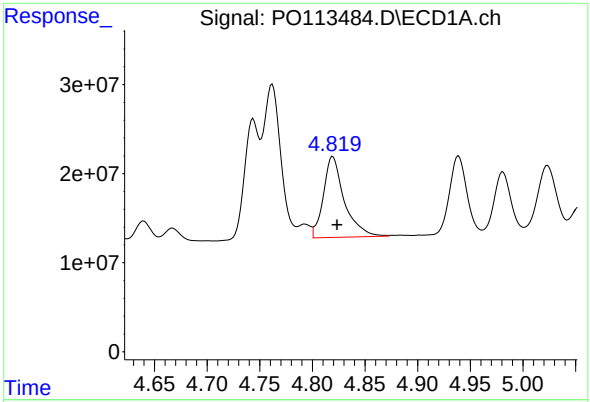
#4 AR-1016-2

R.T.: 4.762 min
Delta R.T.: -0.005 min
Response: 199638799
Conc: 497.32 ng/ml



#4 AR-1016-2

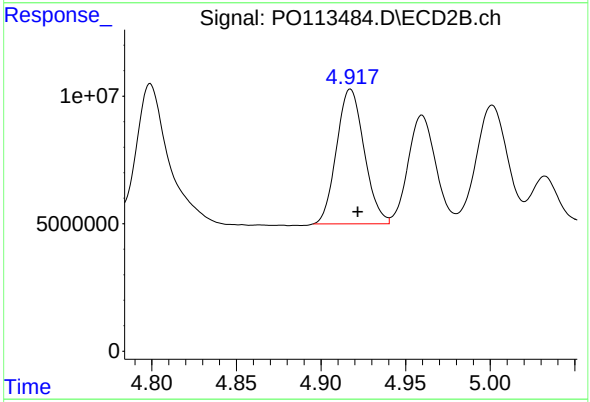
R.T.: 4.742 min
Delta R.T.: -0.005 min
Response: 117479628
Conc: 455.96 ng/ml



#5 AR-1016-3

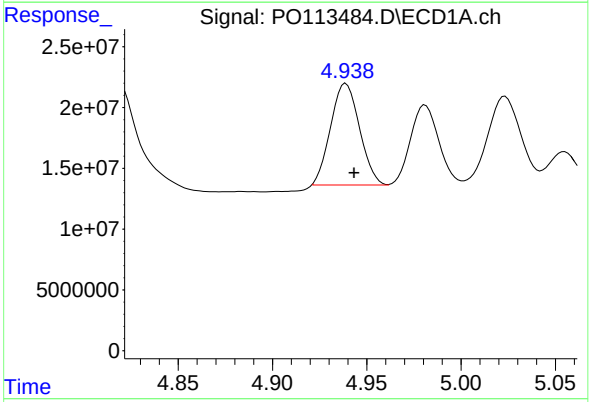
R.T.: 4.819 min
Delta R.T.: -0.004 min
Response: 125203123
Conc: 490.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BS



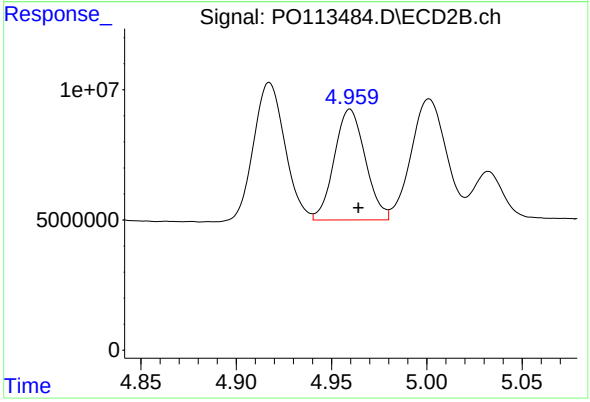
#5 AR-1016-3

R.T.: 4.917 min
Delta R.T.: -0.004 min
Response: 60060602
Conc: 430.19 ng/ml



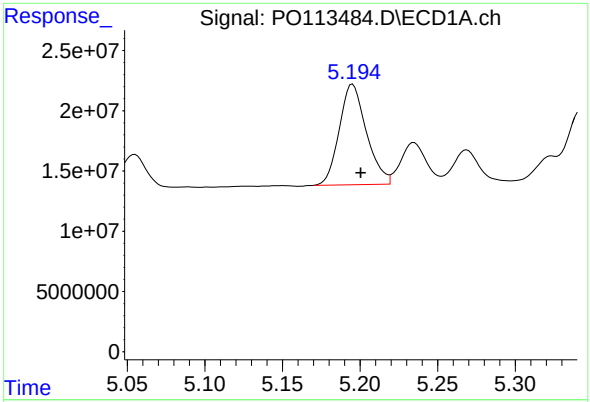
#6 AR-1016-4

R.T.: 4.939 min
Delta R.T.: -0.004 min
Response: 88962250
Conc: 407.96 ng/ml



#6 AR-1016-4

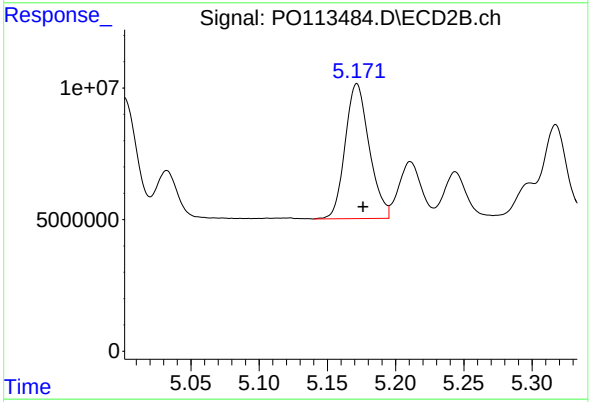
R.T.: 4.960 min
Delta R.T.: -0.004 min
Response: 48275247
Conc: 413.67 ng/ml



#7 AR-1016-5

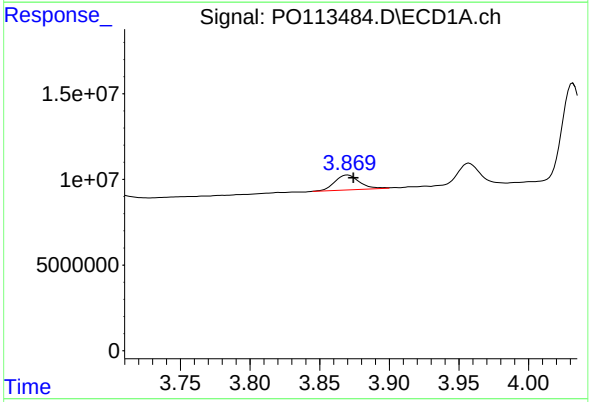
R.T.: 5.195 min
Delta R.T.: -0.005 min
Response: 101769994
Conc: 459.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BS



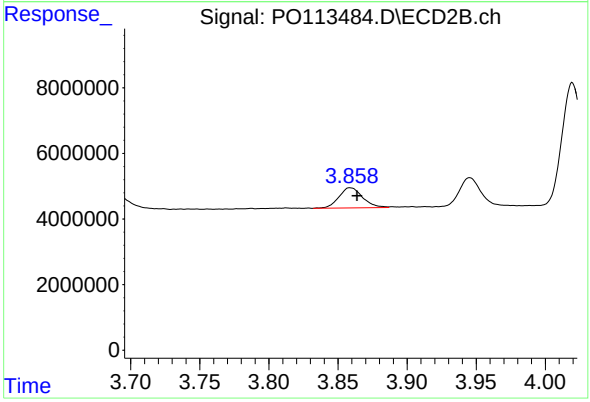
#7 AR-1016-5

R.T.: 5.172 min
Delta R.T.: -0.005 min
Response: 63023323
Conc: 442.18 ng/ml



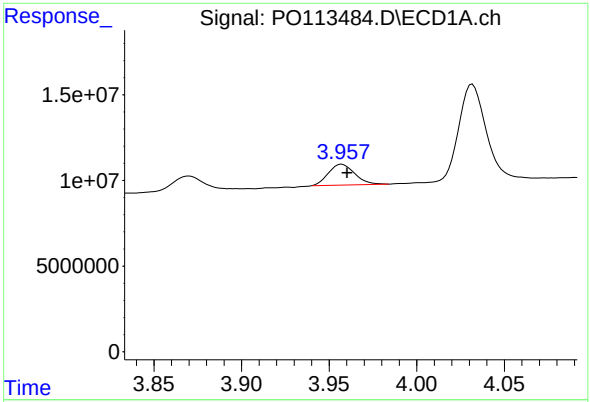
#8 AR-1221-1

R.T.: 3.870 min
Delta R.T.: -0.004 min
Response: 10604250
Conc: 113.33 ng/ml



#8 AR-1221-1

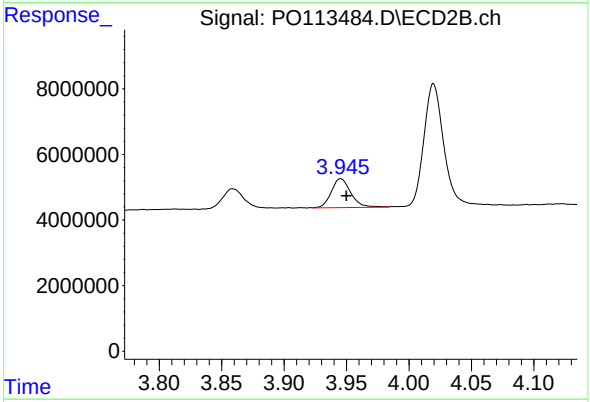
R.T.: 3.859 min
Delta R.T.: -0.005 min
Response: 7344331
Conc: 116.35 ng/ml



#9 AR-1221-2

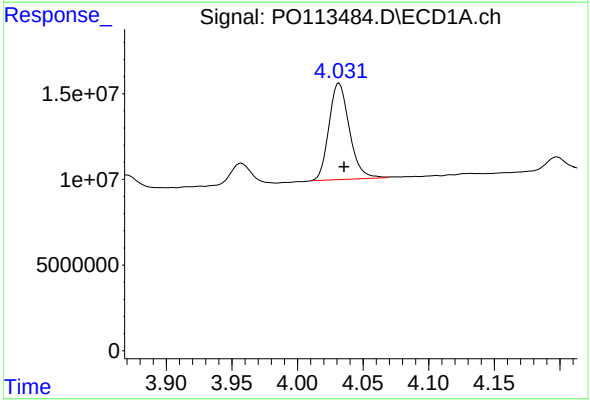
R.T.: 3.957 min
Delta R.T.: -0.003 min
Response: 12746914
Conc: 188.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BS



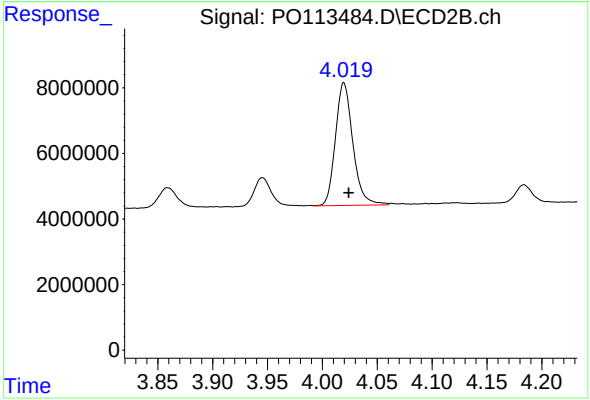
#9 AR-1221-2

R.T.: 3.945 min
Delta R.T.: -0.004 min
Response: 9639738
Conc: 206.54 ng/ml



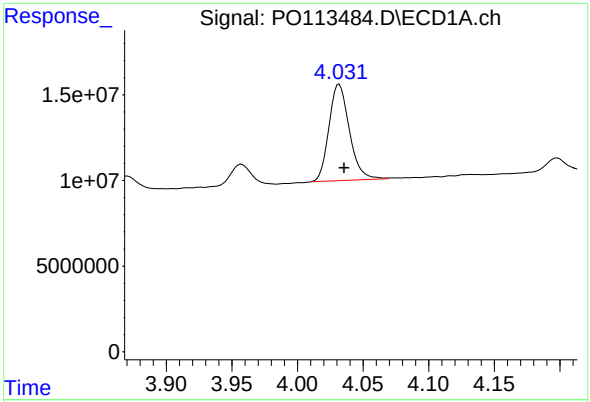
#10 AR-1221-3

R.T.: 4.032 min
Delta R.T.: -0.004 min
Response: 60801927
Conc: 274.69 ng/ml



#10 AR-1221-3

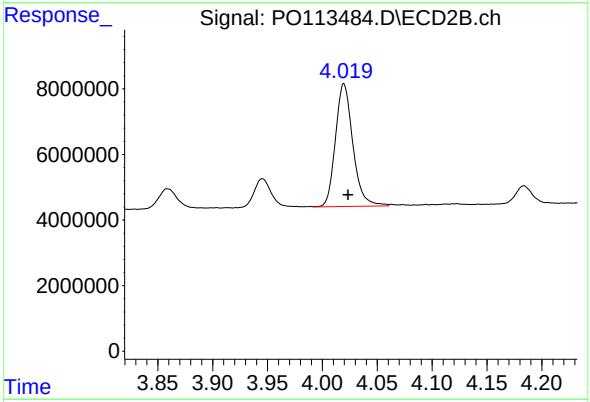
R.T.: 4.020 min
Delta R.T.: -0.005 min
Response: 41437013
Conc: 279.08 ng/ml



#11 AR-1232-1

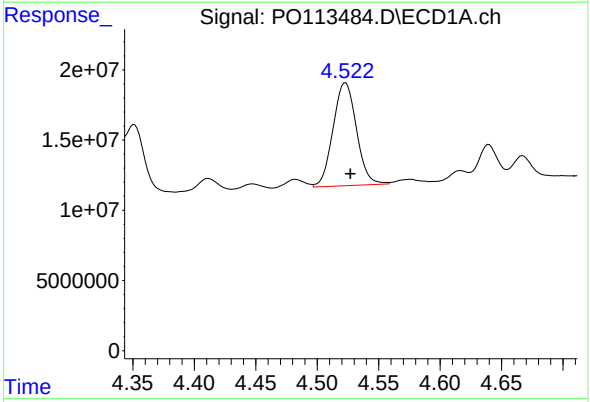
R.T.: 4.032 min
Delta R.T.: -0.004 min
Response: 60801927
Conc: 349.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BS



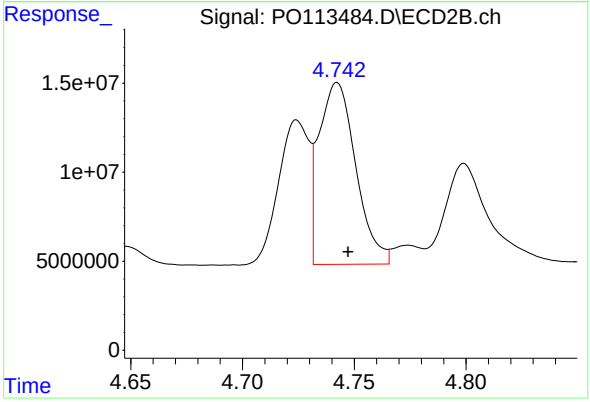
#11 AR-1232-1

R.T.: 4.020 min
Delta R.T.: -0.004 min
Response: 41437013
Conc: 352.95 ng/ml



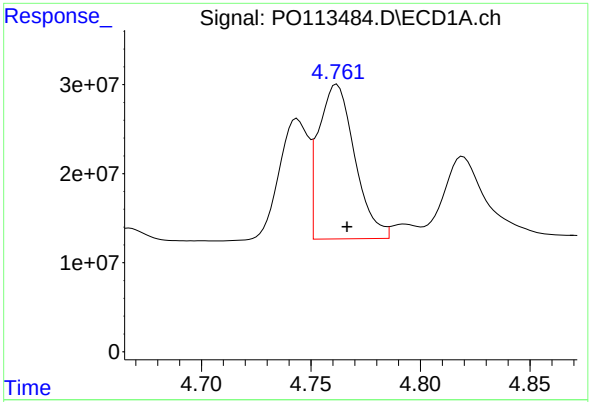
#12 AR-1232-2

R.T.: 4.523 min
Delta R.T.: -0.004 min
Response: 97206244
Conc: 973.50 ng/ml



#12 AR-1232-2

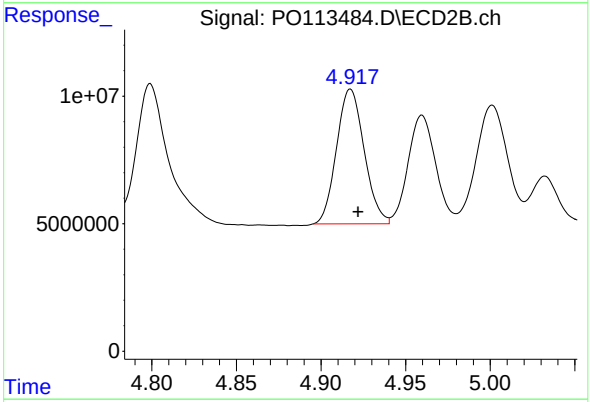
R.T.: 4.742 min
Delta R.T.: -0.005 min
Response: 117479628
Conc: 958.66 ng/ml



#13 AR-1232-3

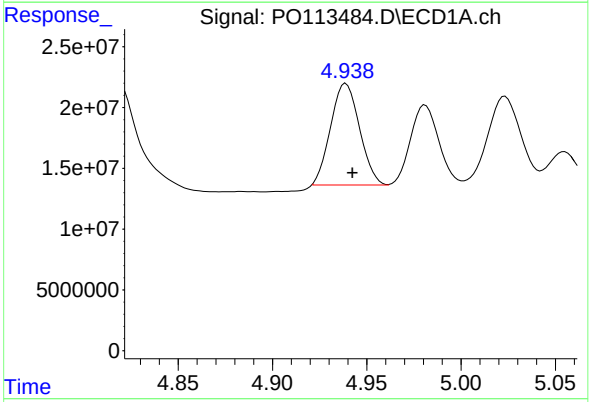
R.T.: 4.762 min
Delta R.T.: -0.005 min
Response: 199638799
Conc: 1053.64 ng/m

Instrument :
ECD_O
ClientSampleId :
PB169547BS



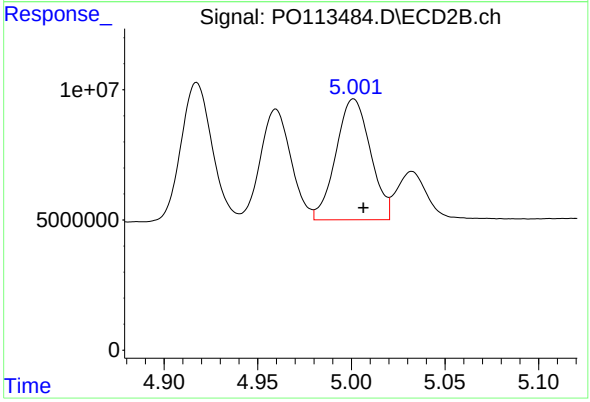
#13 AR-1232-3

R.T.: 4.917 min
Delta R.T.: -0.004 min
Response: 60060602
Conc: 948.14 ng/ml



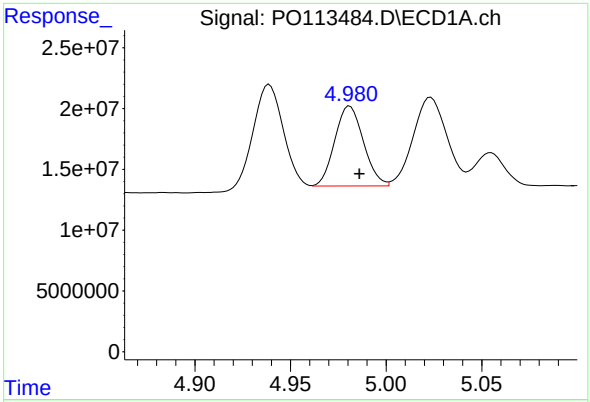
#14 AR-1232-4

R.T.: 4.939 min
Delta R.T.: -0.003 min
Response: 88962250
Conc: 944.70 ng/ml



#14 AR-1232-4

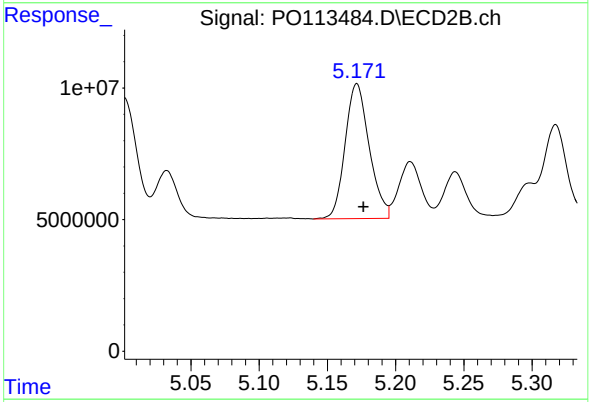
R.T.: 5.001 min
Delta R.T.: -0.005 min
Response: 59629737
Conc: 1060.63 ng/ml



#15 AR-1232-5

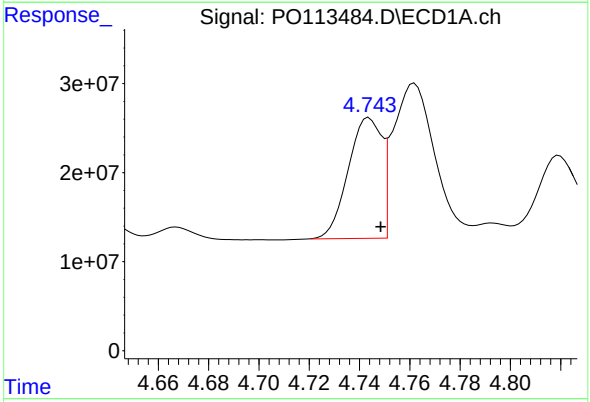
R.T.: 4.981 min
Delta R.T.: -0.005 min
Response: 68824038
Conc: 1111.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BS



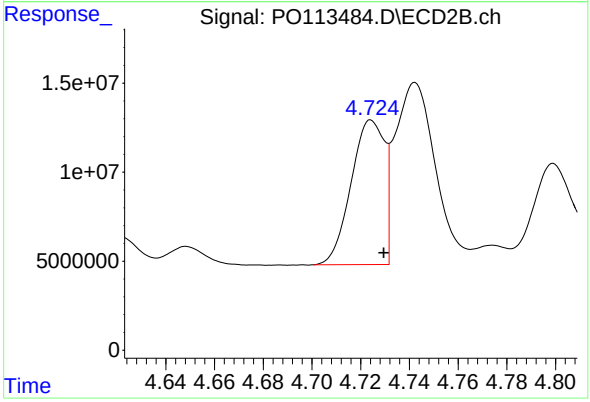
#15 AR-1232-5

R.T.: 5.172 min
Delta R.T.: -0.005 min
Response: 63023323
Conc: 1052.78 ng/ml



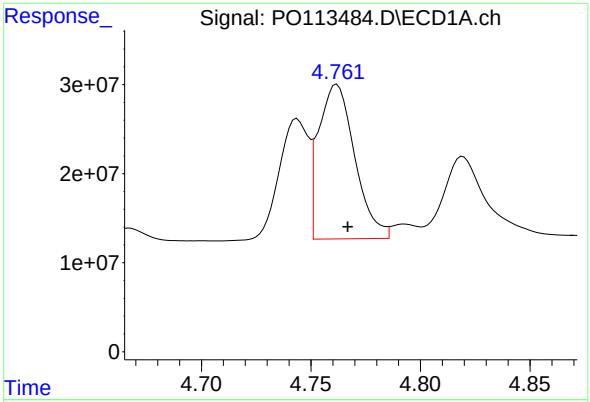
#16 AR-1242-1

R.T.: 4.744 min
Delta R.T.: -0.005 min
Response: 125798938
Conc: 547.11 ng/ml



#16 AR-1242-1

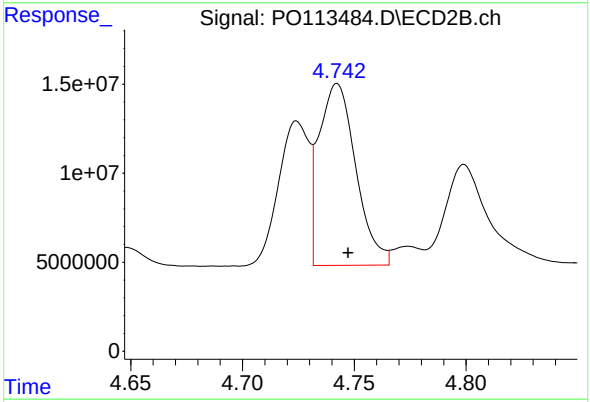
R.T.: 4.724 min
Delta R.T.: -0.005 min
Response: 77011024
Conc: 532.93 ng/ml



#17 AR-1242-2

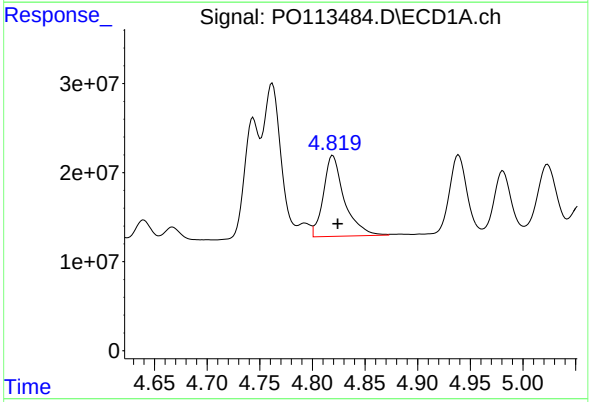
R.T.: 4.762 min
Delta R.T.: -0.005 min
Response: 199638799
Conc: 580.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BS



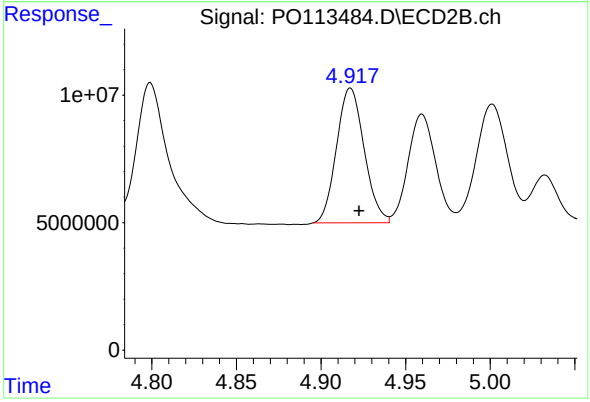
#17 AR-1242-2

R.T.: 4.742 min
Delta R.T.: -0.005 min
Response: 117479628
Conc: 541.60 ng/ml



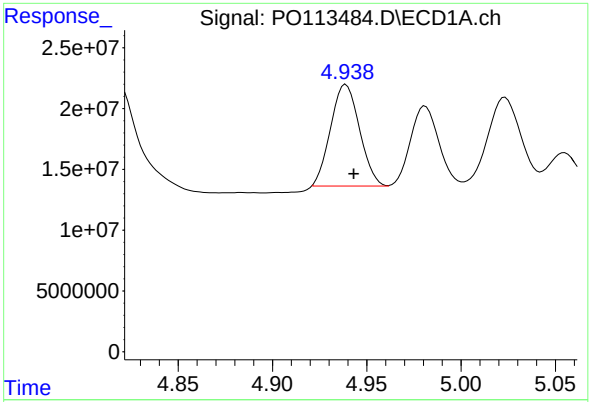
#18 AR-1242-3

R.T.: 4.819 min
Delta R.T.: -0.005 min
Response: 125203123
Conc: 564.27 ng/ml



#18 AR-1242-3

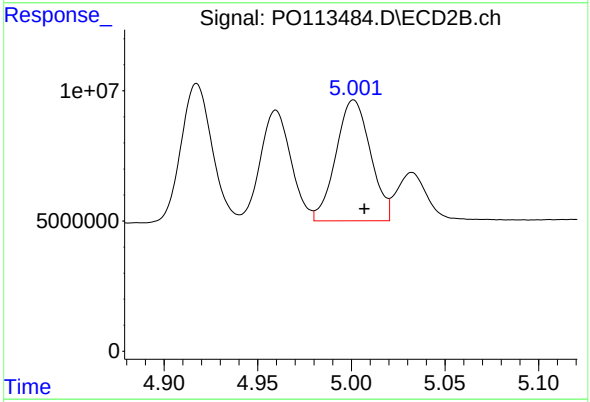
R.T.: 4.917 min
Delta R.T.: -0.005 min
Response: 60060602
Conc: 513.50 ng/ml



#19 AR-1242-4

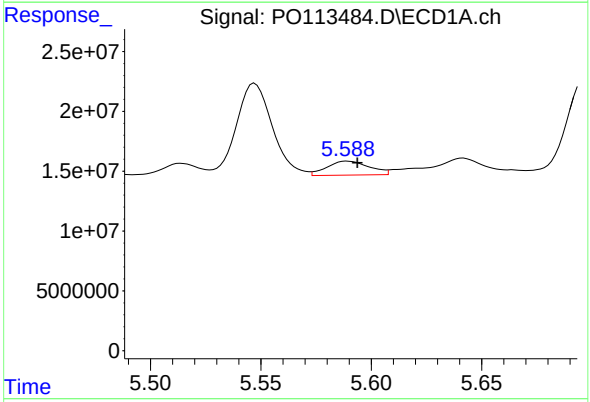
R.T.: 4.939 min
Delta R.T.: -0.004 min
Response: 88962250
Conc: 512.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BS



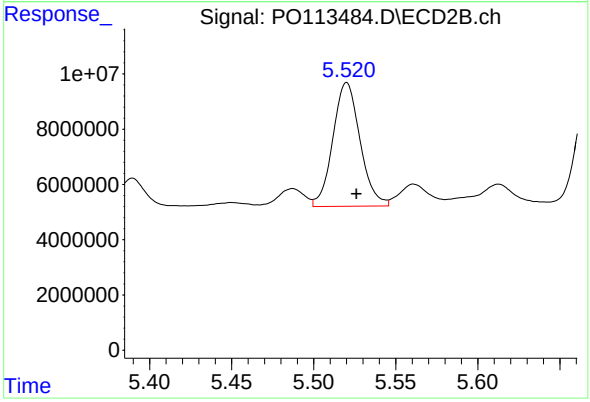
#19 AR-1242-4

R.T.: 5.001 min
Delta R.T.: -0.006 min
Response: 59629737
Conc: 506.89 ng/ml



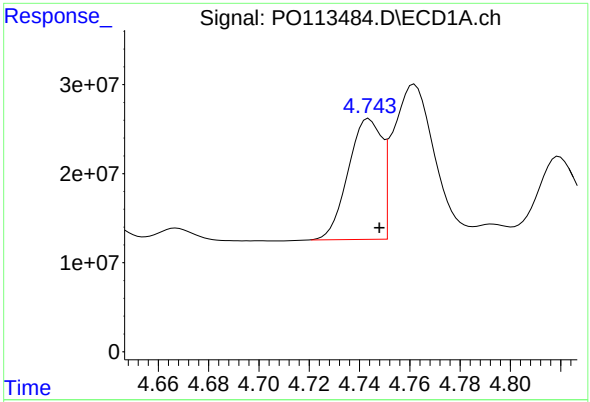
#20 AR-1242-5

R.T.: 5.589 min
Delta R.T.: -0.005 min
Response: 15575923
Conc: 77.82 ng/ml



#20 AR-1242-5

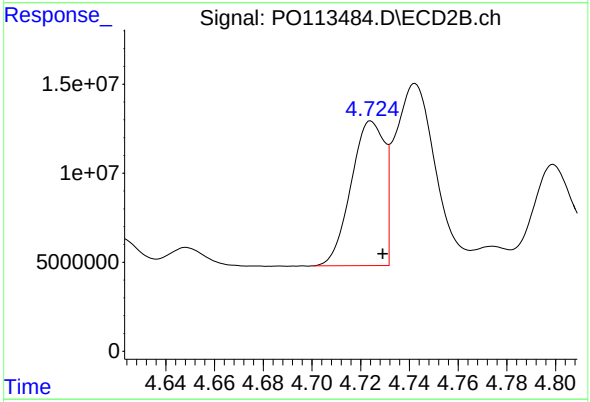
R.T.: 5.520 min
Delta R.T.: -0.006 min
Response: 51698555
Conc: 346.66 ng/ml



#21 AR-1248-1

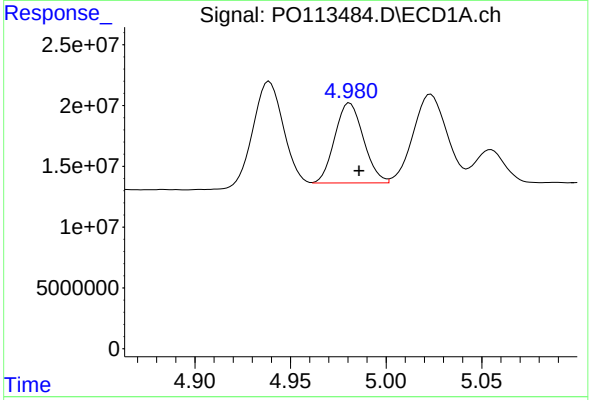
R.T.: 4.744 min
Delta R.T.: -0.004 min
Response: 125798938
Conc: 721.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BS



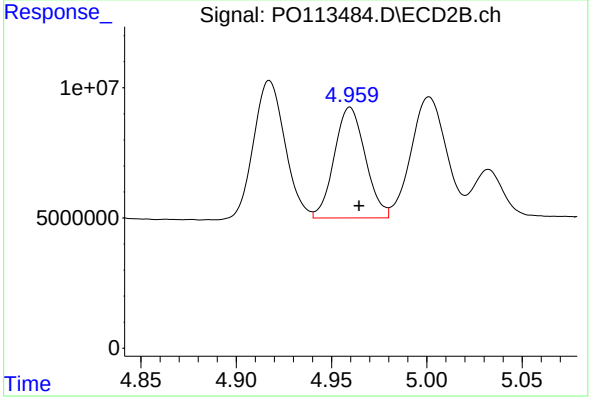
#21 AR-1248-1

R.T.: 4.724 min
Delta R.T.: -0.005 min
Response: 77011024
Conc: 690.61 ng/ml



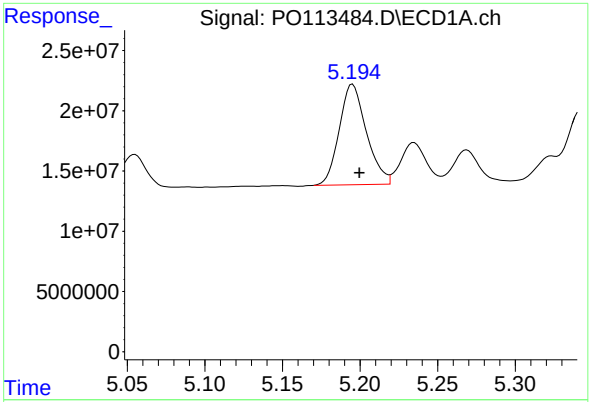
#22 AR-1248-2

R.T.: 4.981 min
Delta R.T.: -0.005 min
Response: 68824038
Conc: 284.55 ng/ml



#22 AR-1248-2

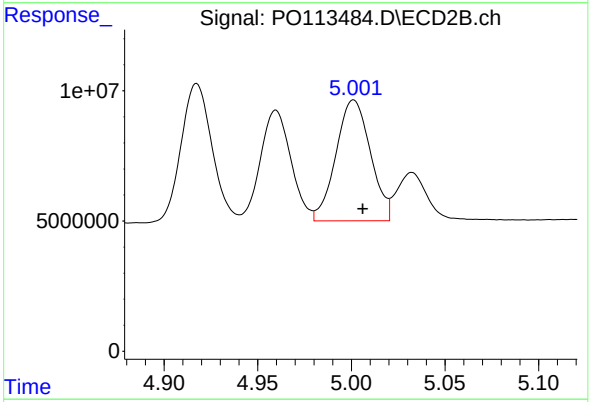
R.T.: 4.960 min
Delta R.T.: -0.005 min
Response: 48275247
Conc: 300.41 ng/ml



#23 AR-1248-3

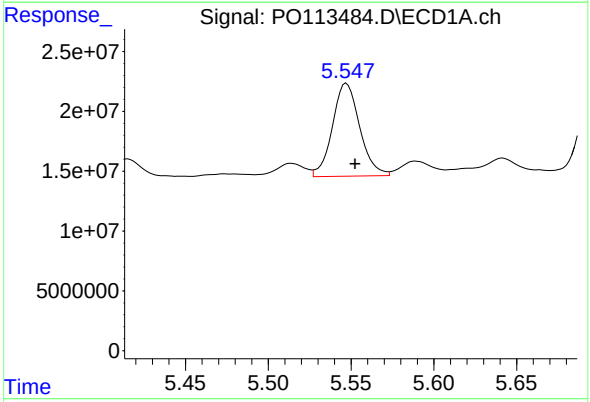
R.T.: 5.195 min
Delta R.T.: -0.004 min
Response: 101769994
Conc: 319.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BS



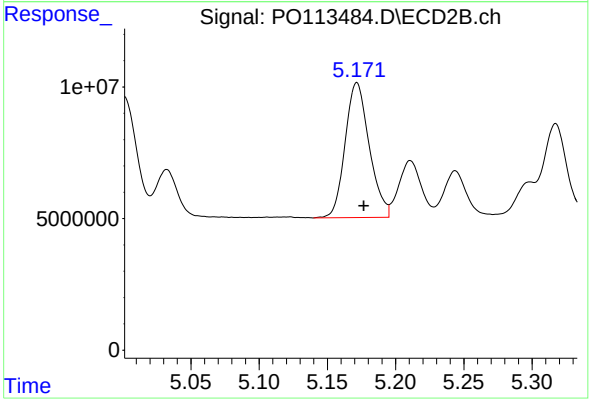
#23 AR-1248-3

R.T.: 5.001 min
Delta R.T.: -0.005 min
Response: 59629737
Conc: 351.46 ng/ml



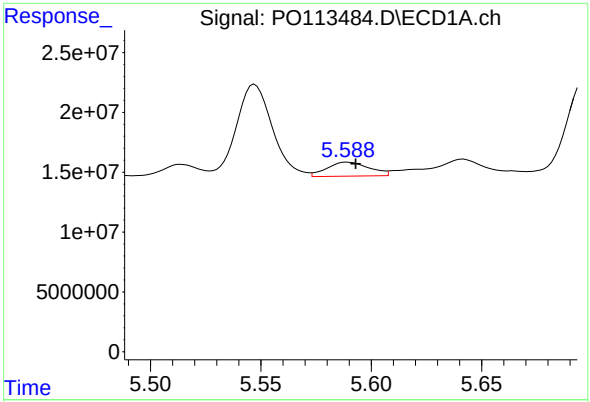
#24 AR-1248-4

R.T.: 5.547 min
Delta R.T.: -0.005 min
Response: 89061353
Conc: 178.26 ng/ml



#24 AR-1248-4

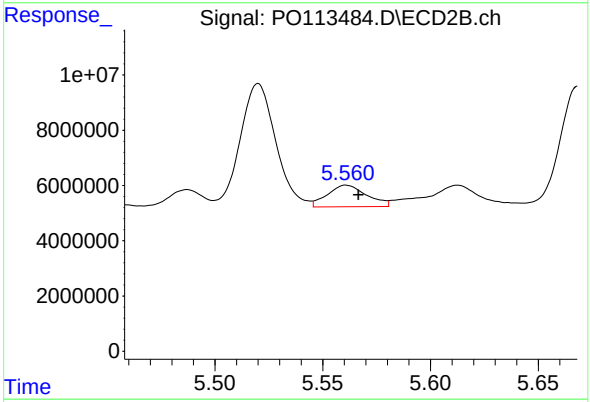
R.T.: 5.172 min
Delta R.T.: -0.005 min
Response: 63023323
Conc: 316.35 ng/ml



#25 AR-1248-5

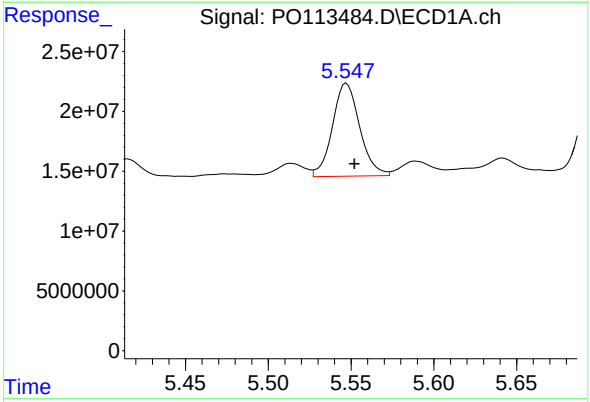
R.T.: 5.589 min
Delta R.T.: -0.004 min
Response: 15575923
Conc: 45.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BS



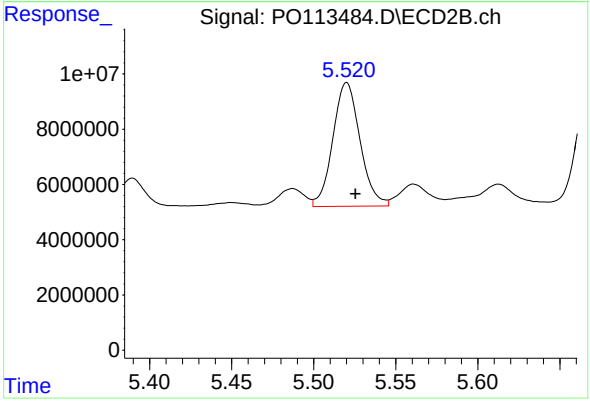
#25 AR-1248-5

R.T.: 5.561 min
Delta R.T.: -0.006 min
Response: 9930143
Conc: 46.77 ng/ml



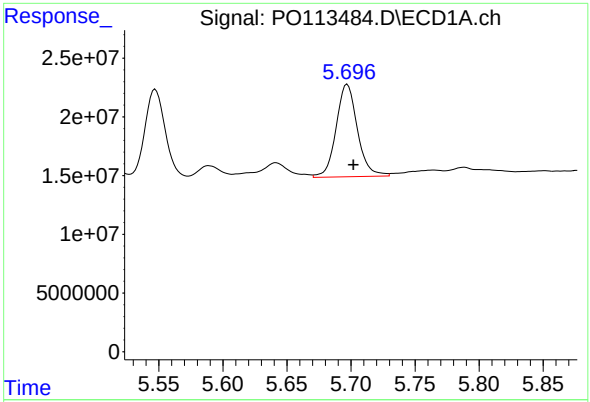
#26 AR-1254-1

R.T.: 5.547 min
Delta R.T.: -0.005 min
Response: 89061353
Conc: 164.94 ng/ml



#26 AR-1254-1

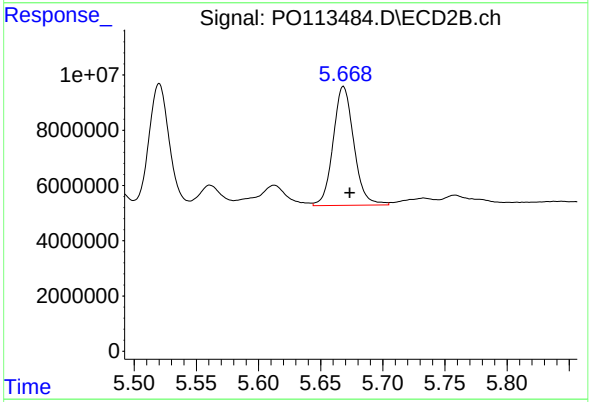
R.T.: 5.520 min
Delta R.T.: -0.005 min
Response: 51698555
Conc: 163.94 ng/ml



#27 AR-1254-2

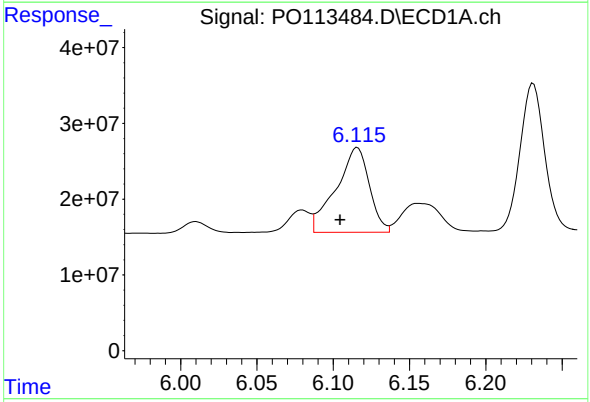
R.T.: 5.697 min
Delta R.T.: -0.005 min
Response: 91056121
Conc: 184.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BS



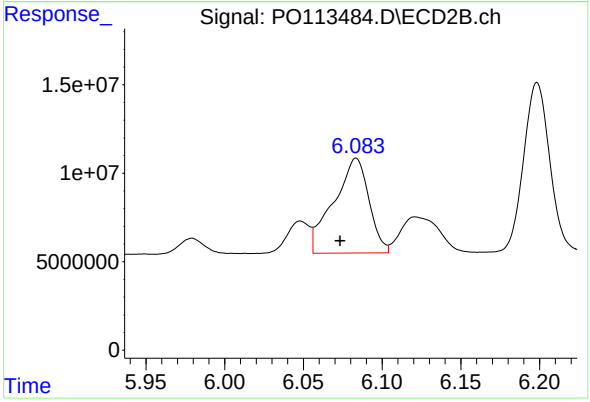
#27 AR-1254-2

R.T.: 5.668 min
Delta R.T.: -0.005 min
Response: 49833729
Conc: 177.76 ng/ml



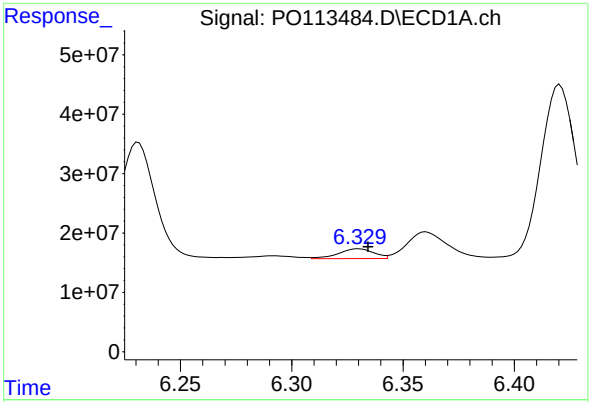
#28 AR-1254-3

R.T.: 6.116 min
Delta R.T.: 0.011 min
Response: 170340874
Conc: 230.54 ng/ml



#28 AR-1254-3

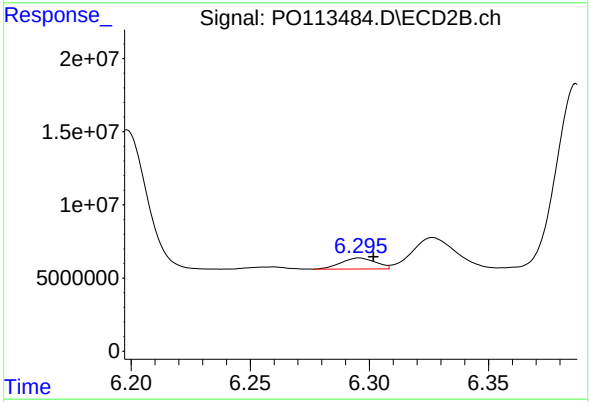
R.T.: 6.083 min
Delta R.T.: 0.010 min
Response: 83515556
Conc: 200.31 ng/ml



#29 AR-1254-4

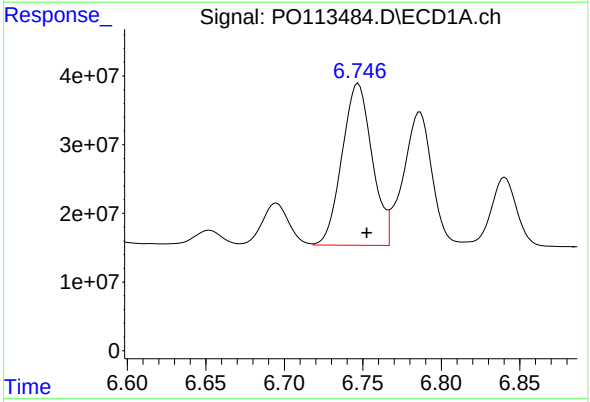
R.T.: 6.330 min
Delta R.T.: -0.004 min
Response: 18172712
Conc: 32.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BS



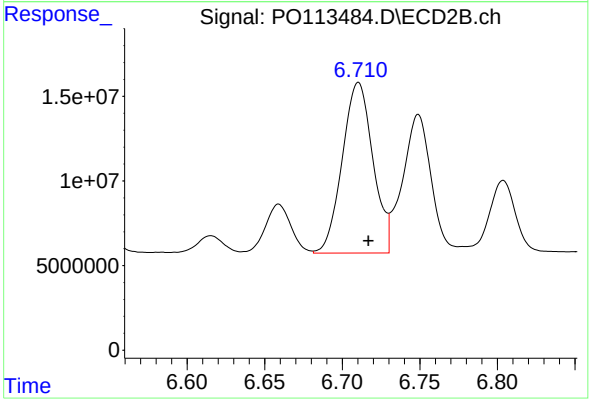
#29 AR-1254-4

R.T.: 6.296 min
Delta R.T.: -0.006 min
Response: 7653729
Conc: 27.85 ng/ml



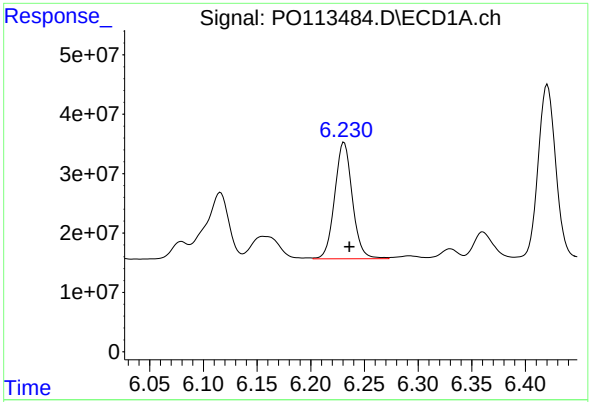
#30 AR-1254-5

R.T.: 6.747 min
Delta R.T.: -0.005 min
Response: 314350968
Conc: 448.45 ng/ml



#30 AR-1254-5

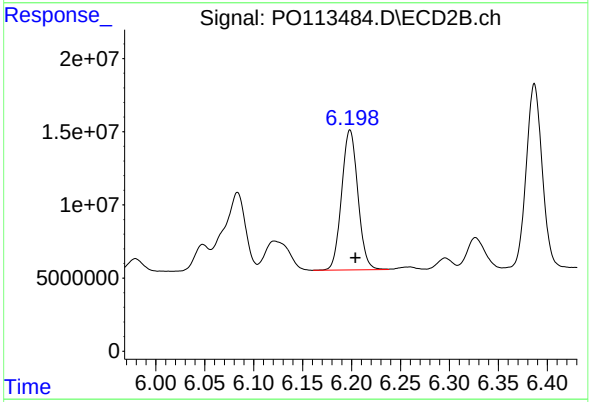
R.T.: 6.710 min
Delta R.T.: -0.006 min
Response: 138790489
Conc: 388.24 ng/ml



#31 AR-1260-1

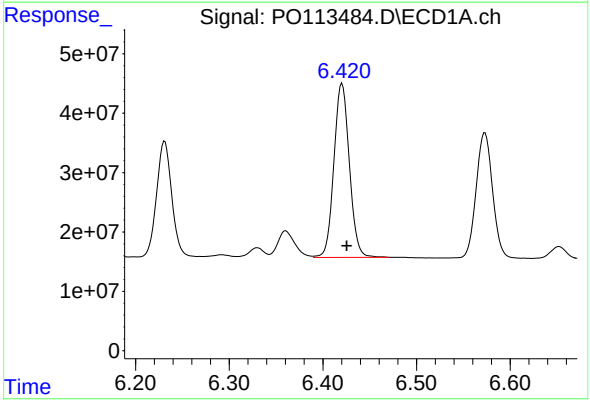
R.T.: 6.231 min
Delta R.T.: -0.005 min
Response: 224356091
Conc: 503.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BS



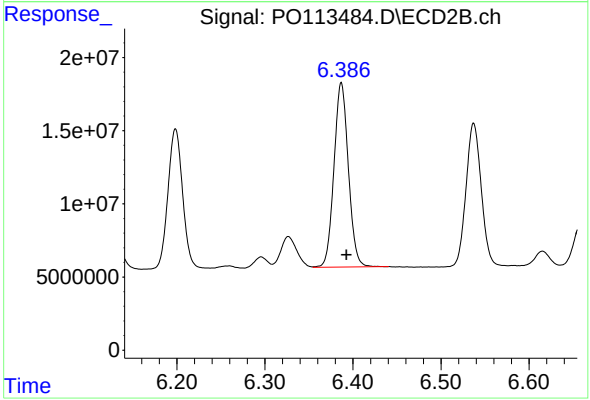
#31 AR-1260-1

R.T.: 6.198 min
Delta R.T.: -0.006 min
Response: 110486144
Conc: 433.16 ng/ml



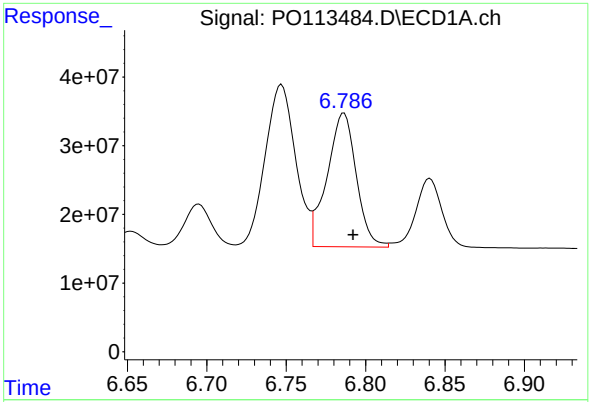
#32 AR-1260-2

R.T.: 6.420 min
Delta R.T.: -0.005 min
Response: 334974434
Conc: 487.79 ng/ml



#32 AR-1260-2

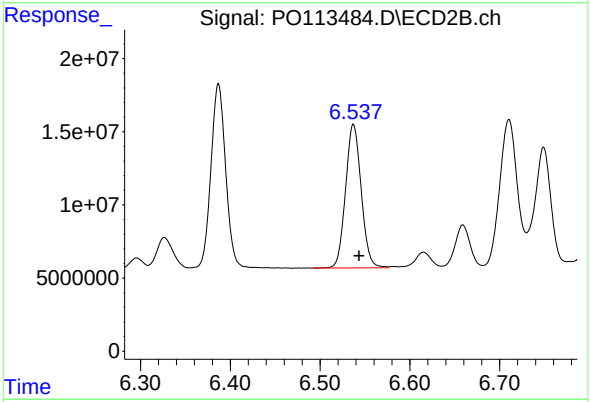
R.T.: 6.387 min
Delta R.T.: -0.006 min
Response: 143323016
Conc: 414.57 ng/ml



#33 AR-1260-3

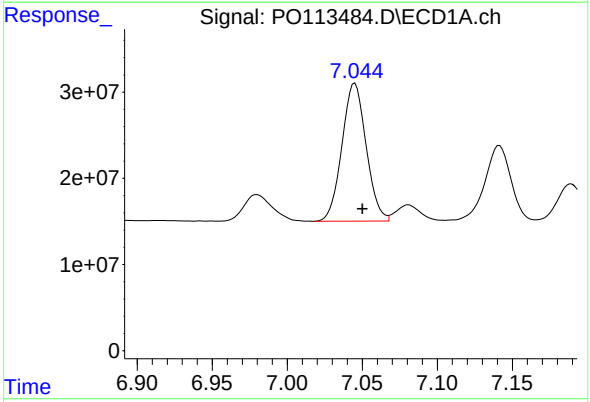
R.T.: 6.786 min
Delta R.T.: -0.006 min
Response: 248962933
Conc: 403.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BS



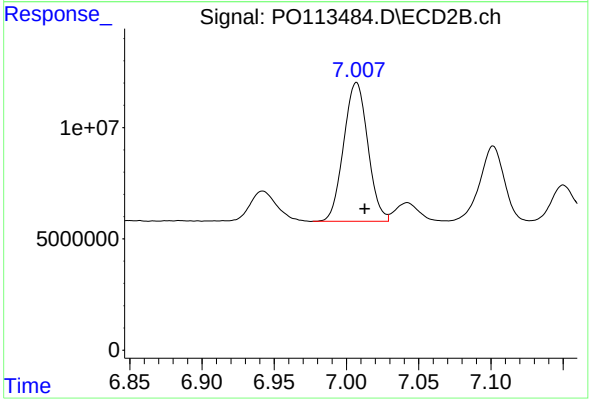
#33 AR-1260-3

R.T.: 6.537 min
Delta R.T.: -0.006 min
Response: 118882363
Conc: 399.69 ng/ml



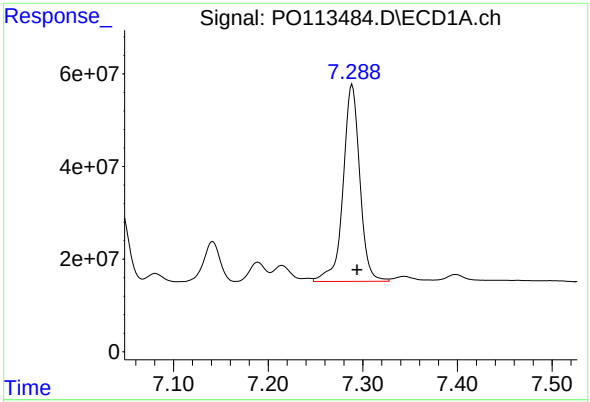
#34 AR-1260-4

R.T.: 7.045 min
Delta R.T.: -0.005 min
Response: 179623045
Conc: 401.06 ng/ml



#34 AR-1260-4

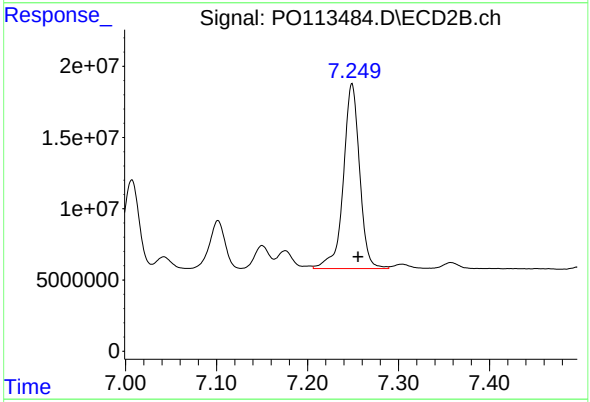
R.T.: 7.007 min
Delta R.T.: -0.006 min
Response: 72649696
Conc: 350.54 ng/ml



#35 AR-1260-5

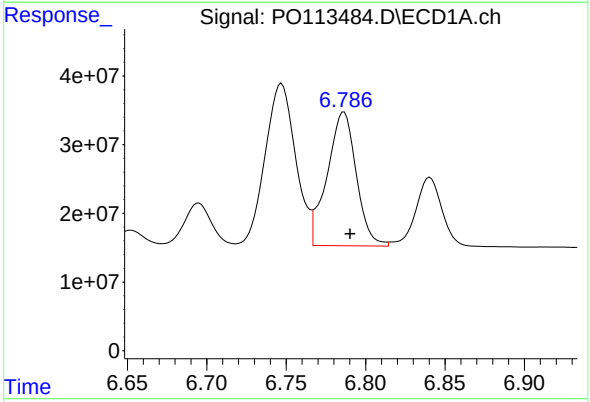
R.T.: 7.289 min
Delta R.T.: -0.005 min
Response: 522105570
Conc: 431.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BS



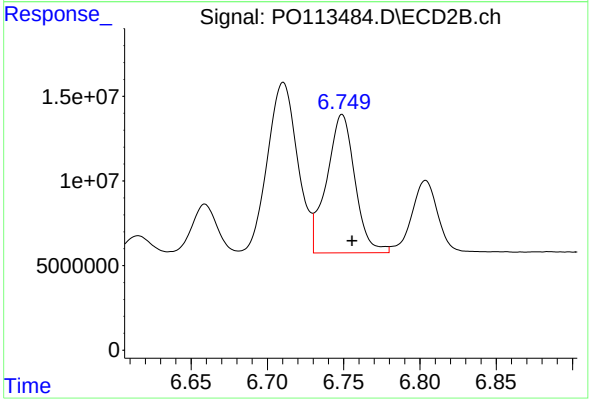
#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.006 min
Response: 161173655
Conc: 344.07 ng/ml



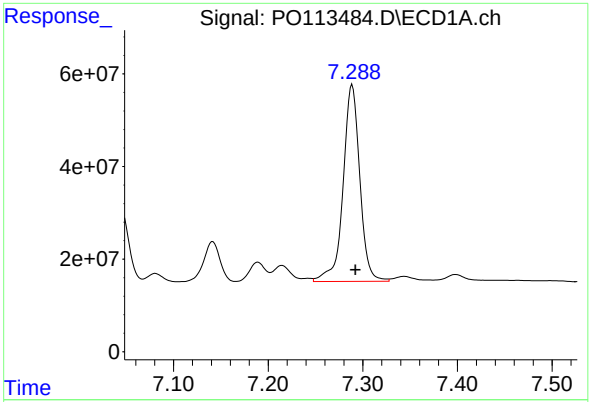
#36 AR-1262-1

R.T.: 6.786 min
Delta R.T.: -0.004 min
Response: 248962933
Conc: 271.86 ng/ml



#36 AR-1262-1

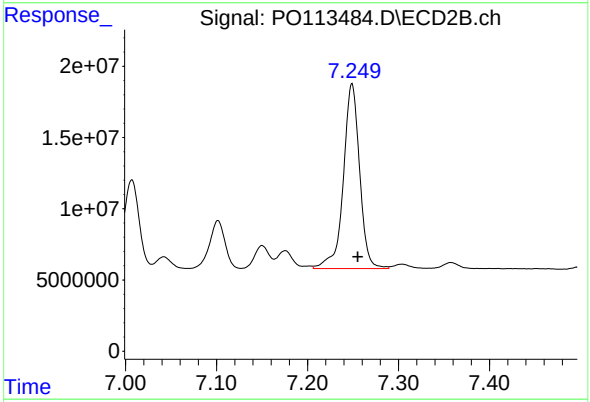
R.T.: 6.749 min
Delta R.T.: -0.006 min
Response: 105773899
Conc: 255.11 ng/ml



#37 AR-1262-2

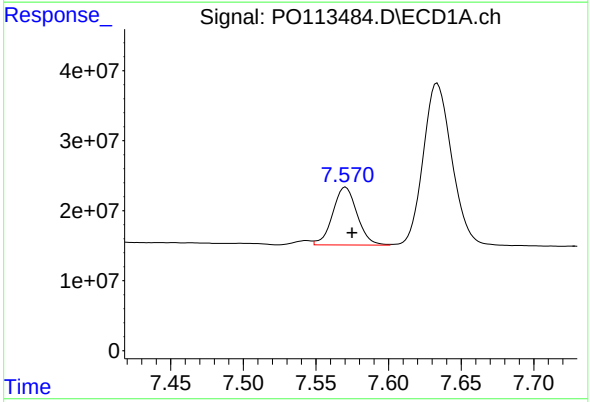
R.T.: 7.289 min
Delta R.T.: -0.003 min
Response: 522105570
Conc: 345.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BS



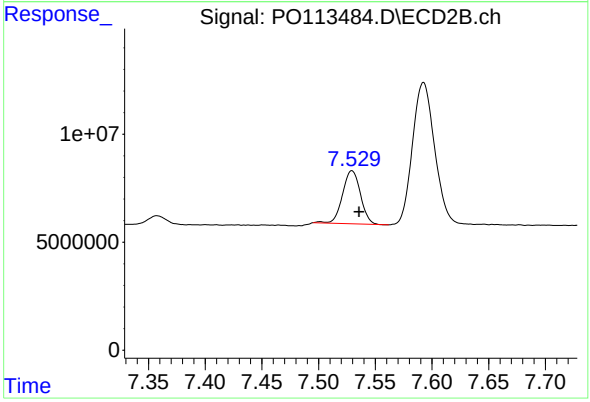
#37 AR-1262-2

R.T.: 7.249 min
Delta R.T.: -0.006 min
Response: 161173655
Conc: 311.34 ng/ml



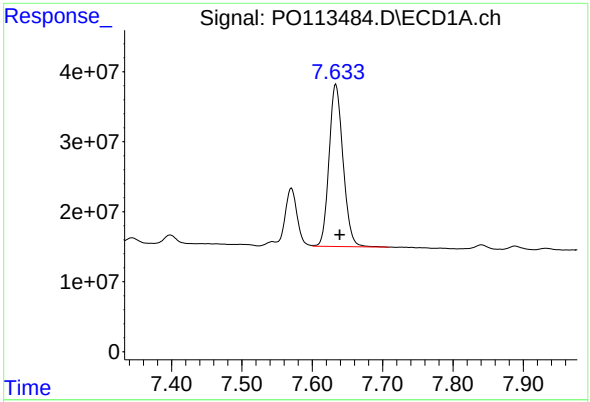
#38 AR-1262-3

R.T.: 7.570 min
Delta R.T.: -0.004 min
Response: 96620392
Conc: 174.37 ng/ml



#38 AR-1262-3

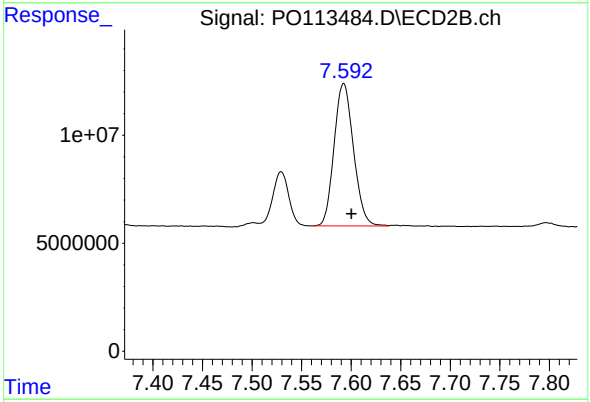
R.T.: 7.529 min
Delta R.T.: -0.006 min
Response: 27104076
Conc: 150.92 ng/ml



#39 AR-1262-4

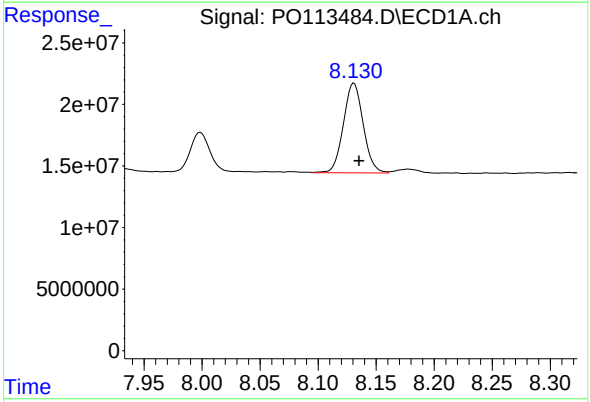
R.T.: 7.634 min
Delta R.T.: -0.006 min
Response: 320264709
Conc: 327.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BS



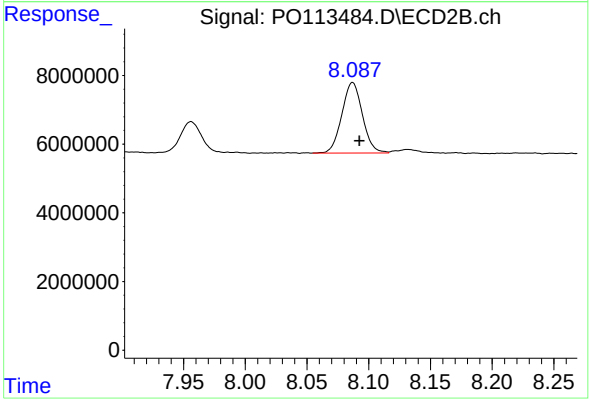
#39 AR-1262-4

R.T.: 7.593 min
Delta R.T.: -0.008 min
Response: 89908955
Conc: 310.14 ng/ml



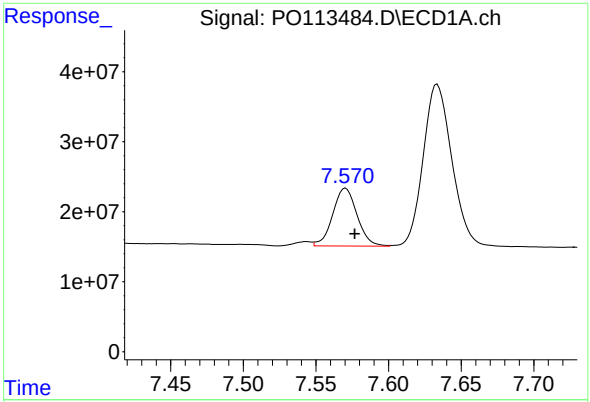
#40 AR-1262-5

R.T.: 8.131 min
Delta R.T.: -0.004 min
Response: 86619999
Conc: 207.78 ng/ml



#40 AR-1262-5

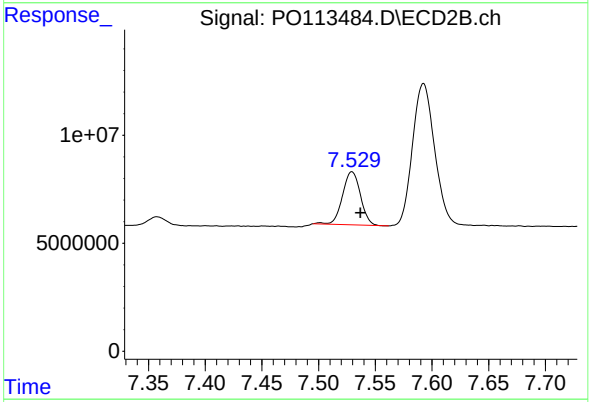
R.T.: 8.087 min
Delta R.T.: -0.005 min
Response: 23815178
Conc: 219.84 ng/ml



#41 AR-1268-1

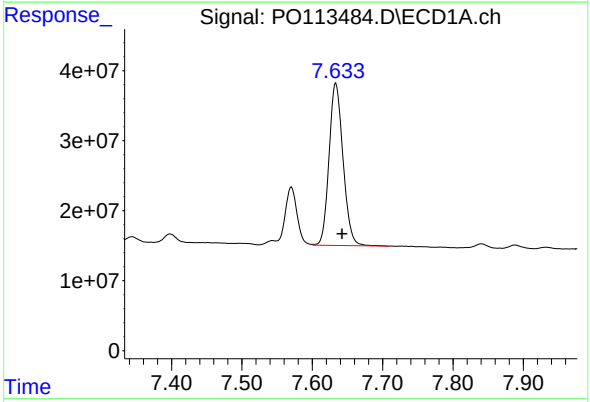
R.T.: 7.570 min
Delta R.T.: -0.006 min
Response: 96620392
Conc: 56.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BS



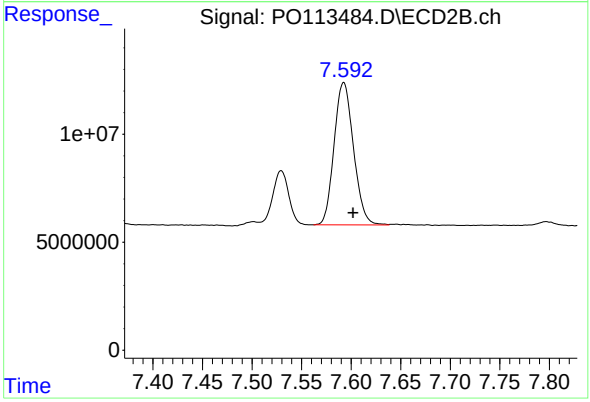
#41 AR-1268-1

R.T.: 7.529 min
Delta R.T.: -0.007 min
Response: 27104076
Conc: 53.20 ng/ml



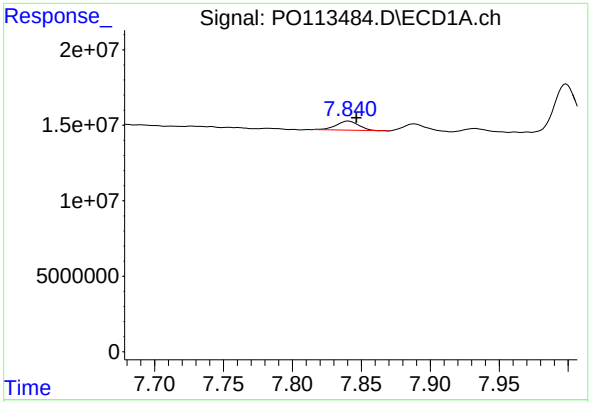
#42 AR-1268-2

R.T.: 7.634 min
Delta R.T.: -0.009 min
Response: 320264709
Conc: 221.15 ng/ml



#42 AR-1268-2

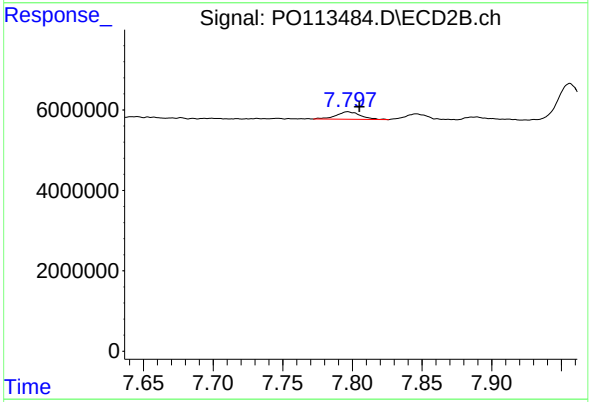
R.T.: 7.593 min
Delta R.T.: -0.010 min
Response: 89908955
Conc: 216.44 ng/ml



#43 AR-1268-3

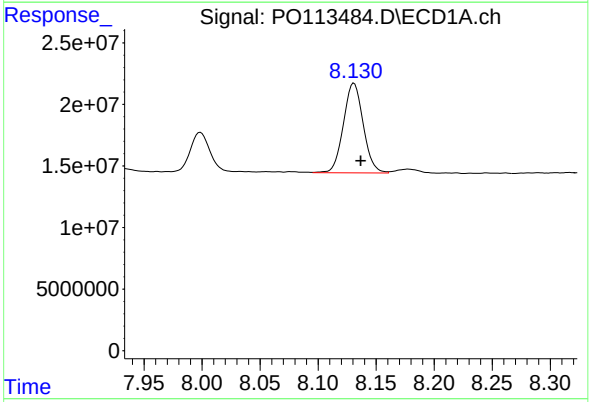
R.T.: 7.841 min
Delta R.T.: -0.006 min
Response: 6865339
Conc: 5.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BS



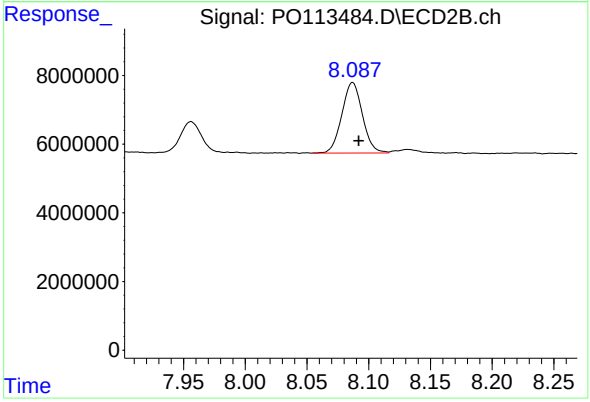
#43 AR-1268-3

R.T.: 7.797 min
Delta R.T.: -0.008 min
Response: 2294358
Conc: 7.03 ng/ml



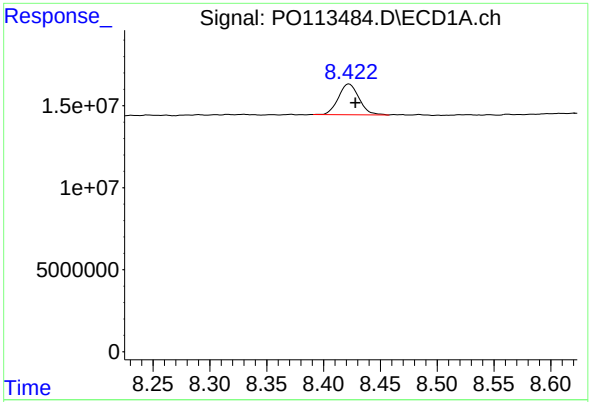
#44 AR-1268-4

R.T.: 8.131 min
Delta R.T.: -0.006 min
Response: 86619999
Conc: 188.03 ng/ml



#44 AR-1268-4

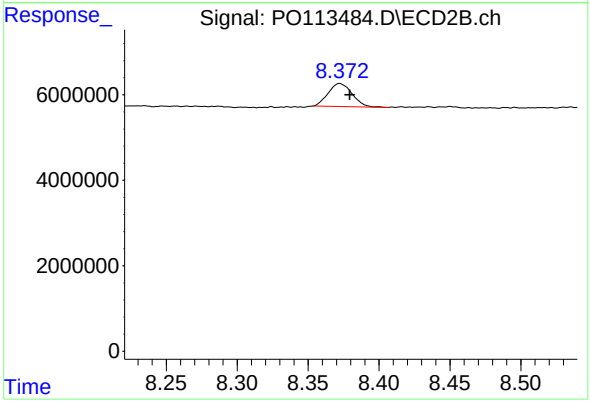
R.T.: 8.087 min
Delta R.T.: -0.005 min
Response: 23815178
Conc: 197.75 ng/ml



#45 AR-1268-5

R.T.: 8.422 min
Delta R.T.: -0.006 min
Response: 23754832
Conc: 7.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BS



#45 AR-1268-5

R.T.: 8.372 min
Delta R.T.: -0.007 min
Response: 6313988
Conc: 8.08 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113485.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 21:33
Operator : YP/AJ
Sample : PB169547BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB169547BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:36:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.660	3.651	160.0E6	94042684	19.547	18.583	
2)	SA Decachlor...	8.675	8.620	130.4E6	38829789	18.814	20.492	
	Target Compounds							
3)	L1 AR-1016-1	4.744	4.724	127.4E6	75153410	477.204	440.592	
4)	L1 AR-1016-2	4.762	4.742	191.7E6	114.1E6	477.578	443.025	
5)	L1 AR-1016-3	4.819	4.917	122.1E6	57976578	478.893	415.262	
6)	L1 AR-1016-4	4.939	4.959	91498415	46591285	419.587	399.243	
7)	L1 AR-1016-5	5.195	5.171	100.3E6	61173532	452.374	429.198	
8)	L2 AR-1221-1	3.871	3.858	10489863	7248410	112.103	114.833	
9)	L2 AR-1221-2	3.958	3.945	12299465	9471020	182.078	202.922	
10)	L2 AR-1221-3	4.032	4.019	59666495	41302443	269.556	278.178	
11)	L3 AR-1232-1	4.032	4.019	59666495	41302443	342.898	351.802	
12)	L3 AR-1232-2	4.523	4.742	94347210	114.1E6	944.866	931.479	
13)	L3 AR-1232-3	4.762	4.917	191.7E6	57976578	1011.819	915.242	
14)	L3 AR-1232-4	4.939	5.001	91498415	57663717	971.635	1025.658	
15)	L3 AR-1232-5	4.981	5.171	70507391	61173532	1138.263	1021.883	
16)	L4 AR-1242-1	4.744	4.724	127.4E6	75153410	554.104	520.077	
17)	L4 AR-1242-2	4.762	4.742	191.7E6	114.1E6	557.918	526.244	
18)	L4 AR-1242-3	4.819	4.917	122.1E6	57976578	550.415	495.678	
19)	L4 AR-1242-4	4.939	5.001	91498415	57663717	527.482	490.182	
20)	L4 AR-1242-5	5.589	5.521	15393120	49936502	76.903	334.846	#
21)	L5 AR-1248-1	4.744	4.724	127.4E6	75153410	730.262	673.950	
22)	L5 AR-1248-2	4.981	4.959	70507391	46591285	291.515	289.929	
23)	L5 AR-1248-3	5.195	5.001	100.3E6	57663717	314.425	339.877	
24)	L5 AR-1248-4	5.548	5.171	86769463	61173532	173.676	307.065	#
25)	L5 AR-1248-5	5.589	5.561	15393120	9818878	45.076	46.251	
26)	L6 AR-1254-1	5.548	5.521	86769463	49936502	160.691	158.351	
27)	L6 AR-1254-2	5.697	5.668	88831551	48770349	180.020	173.969	
28)	L6 AR-1254-3	6.115	6.083	164.5E6	81494666	222.597	195.467	
29)	L6 AR-1254-4	6.329	6.296	17442276	7720916	31.315	28.093	
30)	L6 AR-1254-5	6.747	6.711	312.8E6	136.9E6	446.289	382.968	
31)	L7 AR-1260-1	6.231	6.198	217.4E6	108.5E6	487.476	425.259	
32)	L7 AR-1260-2	6.421	6.387	325.2E6	140.8E6	473.604	407.300	
33)	L7 AR-1260-3	6.786	6.537	243.1E6	116.2E6	393.726	390.684	
34)	L7 AR-1260-4	7.045	7.006	176.1E6	71922282	393.277	347.032	
35)	L7 AR-1260-5	7.288	7.249	511.4E6	161.3E6	422.438	344.355	
36)	L8 AR-1262-1	6.786	6.750	243.1E6	103.4E6	265.478	249.335	
37)	L8 AR-1262-2	7.288	7.249	511.4E6	161.3E6	338.219	311.599	
38)	L8 AR-1262-3	7.571	7.530	96275832	26615409	173.749	148.201	
39)	L8 AR-1262-4	7.633	7.593	316.6E6	89153109	323.765	307.529	
40)	L8 AR-1262-5	8.131	8.087	85063365	23386792	204.048	215.882	
41)	L9 AR-1268-1	7.571	7.530	96275832	26615409	55.945	52.242	

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113485.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 21:33
Operator : YP/AJ
Sample : PB169547BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB169547BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:36:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	7.633	7.593	316.6E6	89153109	218.646	214.619
43)	L9 AR-1268-3	7.840	7.797	6806675	2302307	5.643	7.051
44)	L9 AR-1268-4	8.131	8.087	85063365	23386792	184.654	194.190
45)	L9 AR-1268-5	8.422	8.372	23461988	6444673	7.359	8.252

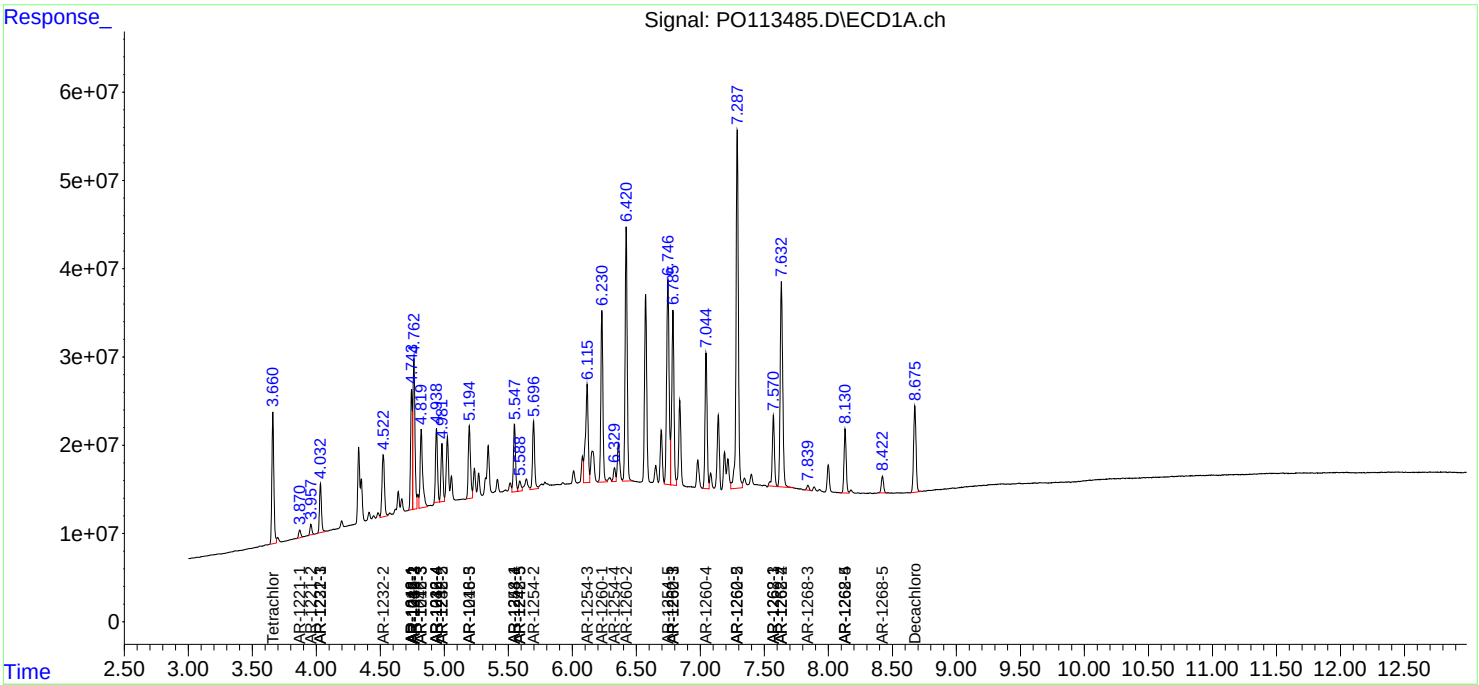
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

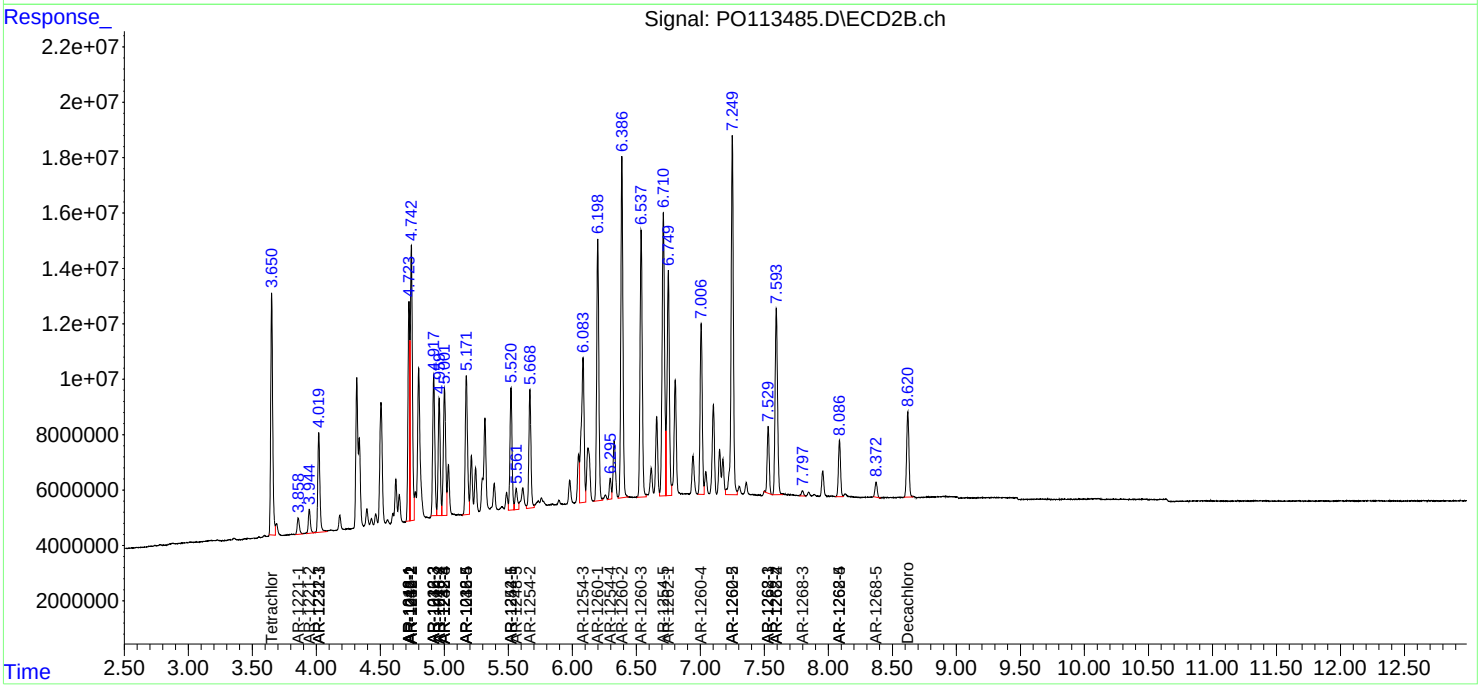
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113485.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 21:33
Operator : YP/AJ
Sample : PB169547BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

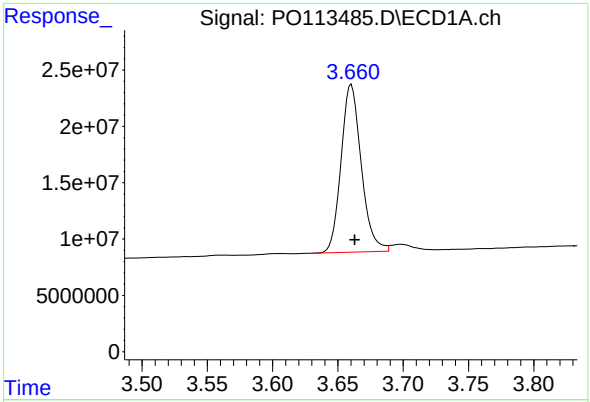
Instrument :
ECD_O
ClientSampleId :
PB169547BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:36:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



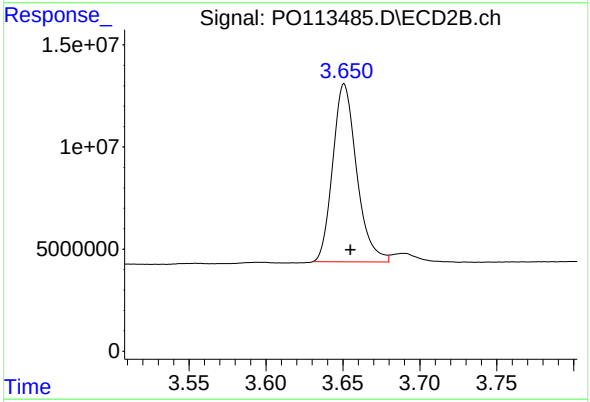




#1 Tetrachloro-m-xylene

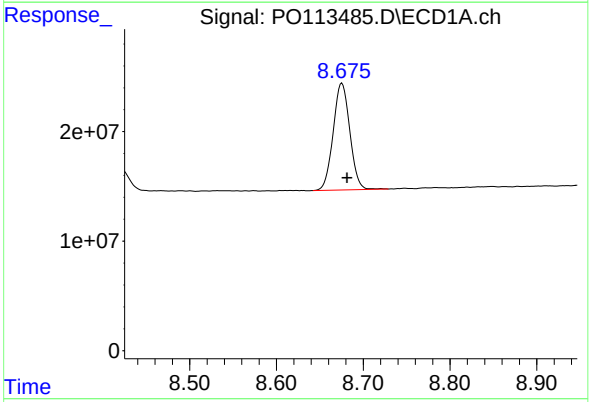
R.T.: 3.660 min
Delta R.T.: -0.003 min
Response: 160021011
Conc: 19.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BSD



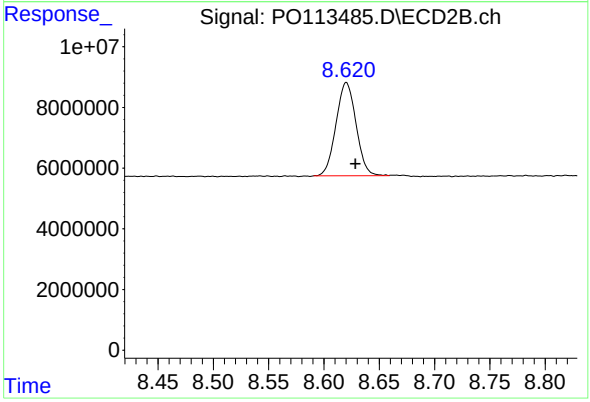
#1 Tetrachloro-m-xylene

R.T.: 3.651 min
Delta R.T.: -0.004 min
Response: 94042684
Conc: 18.58 ng/ml



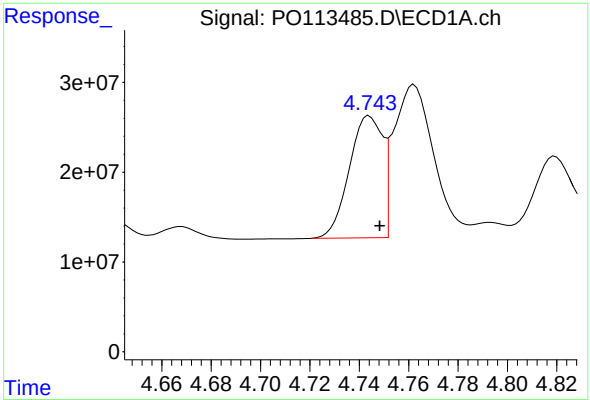
#2 Decachlorobiphenyl

R.T.: 8.675 min
Delta R.T.: -0.006 min
Response: 130410487
Conc: 18.81 ng/ml



#2 Decachlorobiphenyl

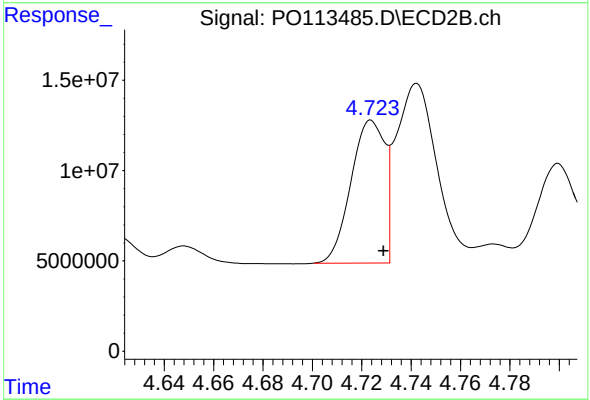
R.T.: 8.620 min
Delta R.T.: -0.008 min
Response: 38829789
Conc: 20.49 ng/ml



#3 AR-1016-1

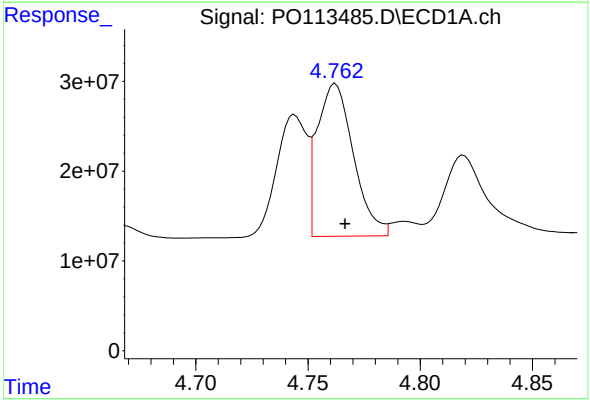
R.T.: 4.744 min
Delta R.T.: -0.004 min
Response: 127406080
Conc: 477.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BSD



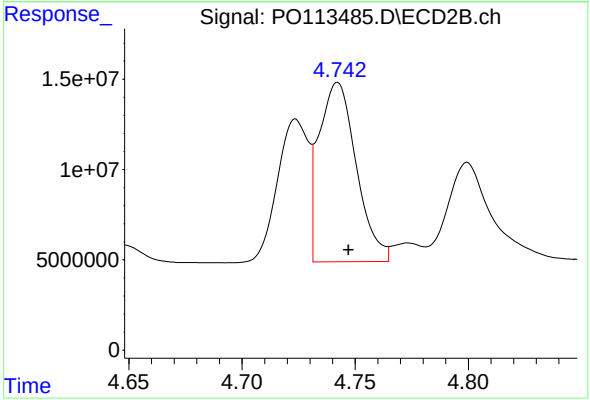
#3 AR-1016-1

R.T.: 4.724 min
Delta R.T.: -0.005 min
Response: 75153410
Conc: 440.59 ng/ml



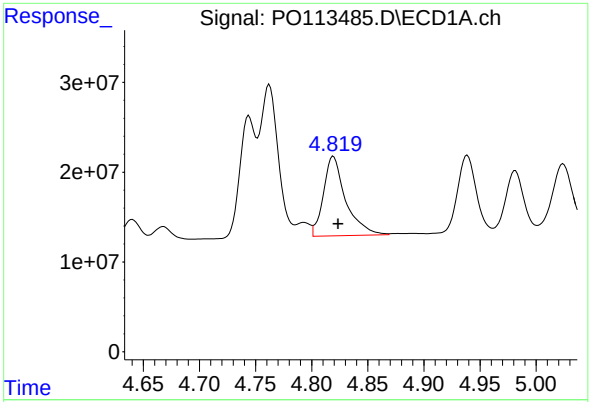
#4 AR-1016-2

R.T.: 4.762 min
Delta R.T.: -0.004 min
Response: 191714806
Conc: 477.58 ng/ml



#4 AR-1016-2

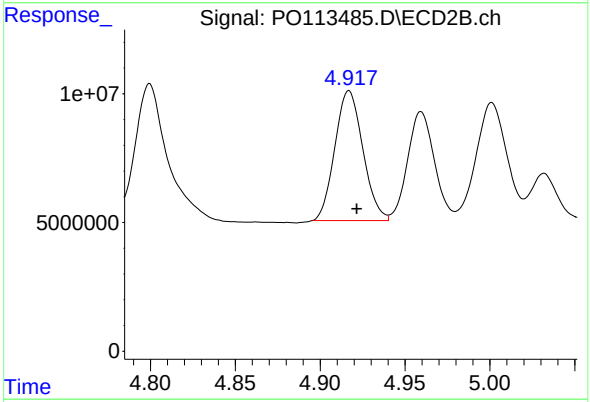
R.T.: 4.742 min
Delta R.T.: -0.005 min
Response: 114148188
Conc: 443.03 ng/ml



#5 AR-1016-3

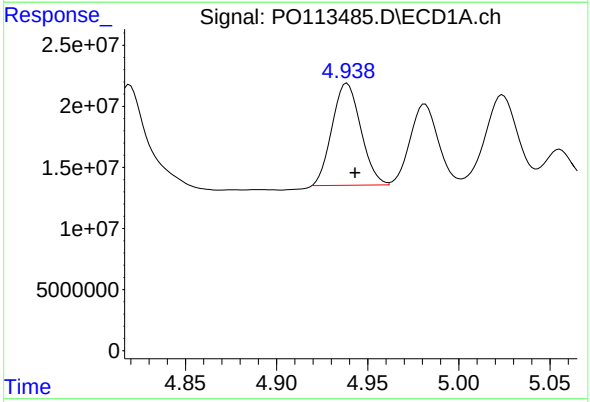
R.T.: 4.819 min
Delta R.T.: -0.004 min
Response: 122128472
Conc: 478.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BSD



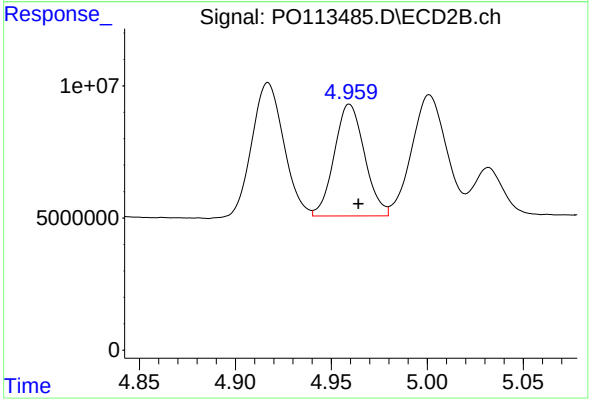
#5 AR-1016-3

R.T.: 4.917 min
Delta R.T.: -0.005 min
Response: 57976578
Conc: 415.26 ng/ml



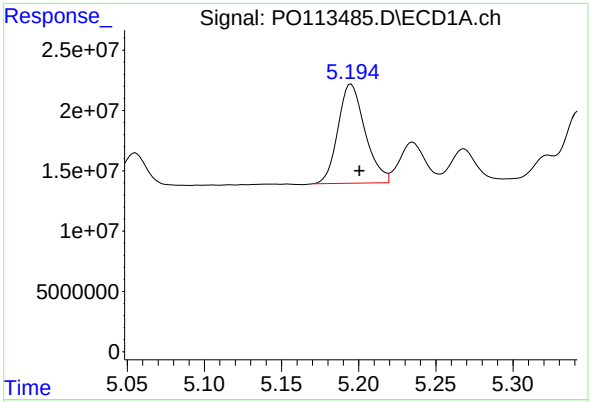
#6 AR-1016-4

R.T.: 4.939 min
Delta R.T.: -0.004 min
Response: 91498415
Conc: 419.59 ng/ml



#6 AR-1016-4

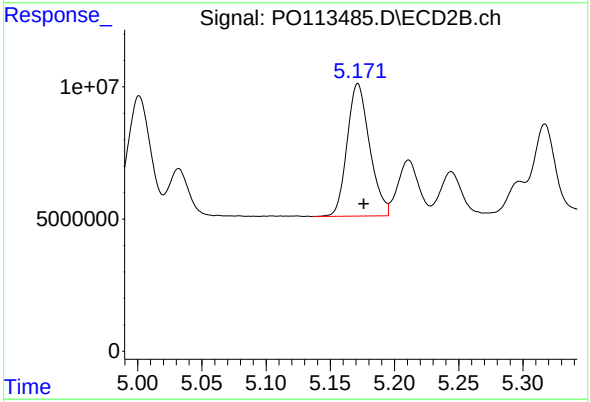
R.T.: 4.959 min
Delta R.T.: -0.005 min
Response: 46591285
Conc: 399.24 ng/ml



#7 AR-1016-5

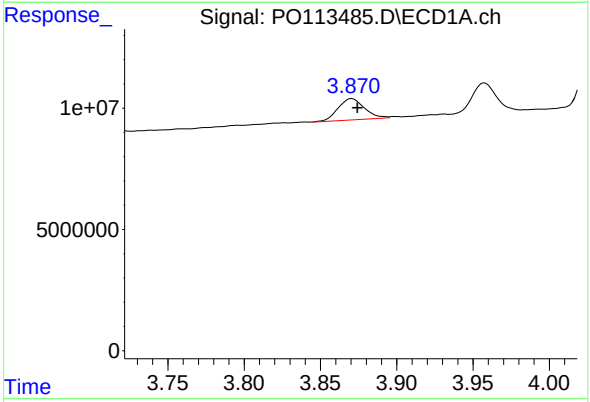
R.T.: 5.195 min
Delta R.T.: -0.005 min
Response: 100258709
Conc: 452.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BSD



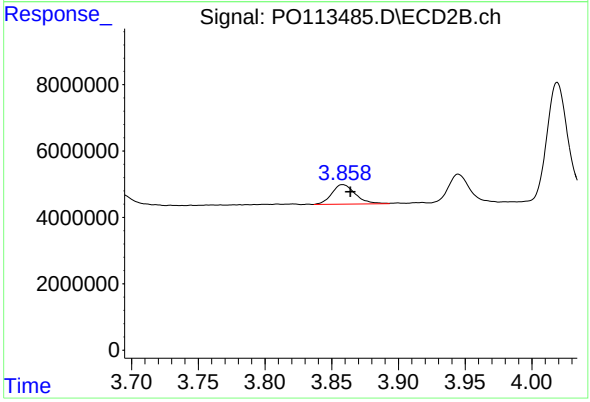
#7 AR-1016-5

R.T.: 5.171 min
Delta R.T.: -0.005 min
Response: 61173532
Conc: 429.20 ng/ml



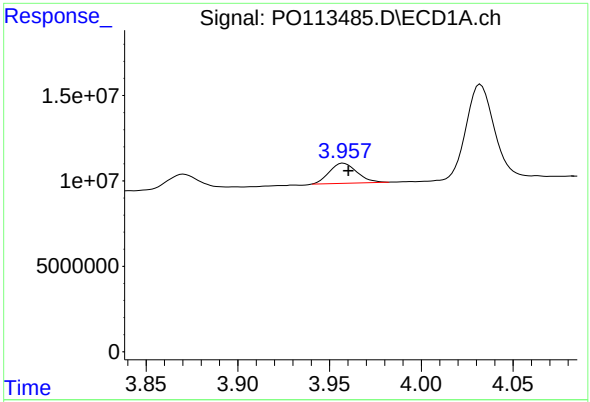
#8 AR-1221-1

R.T.: 3.871 min
Delta R.T.: -0.004 min
Response: 10489863
Conc: 112.10 ng/ml



#8 AR-1221-1

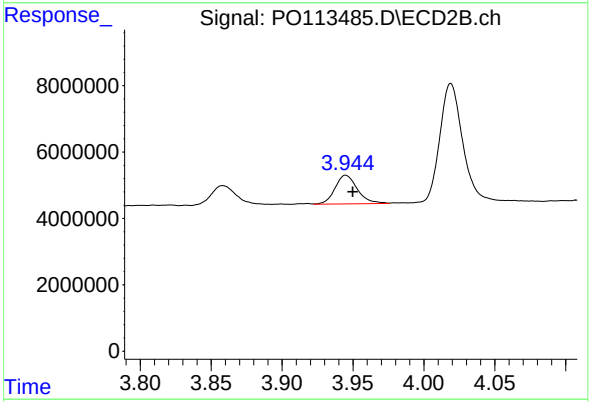
R.T.: 3.858 min
Delta R.T.: -0.006 min
Response: 7248410
Conc: 114.83 ng/ml



#9 AR-1221-2

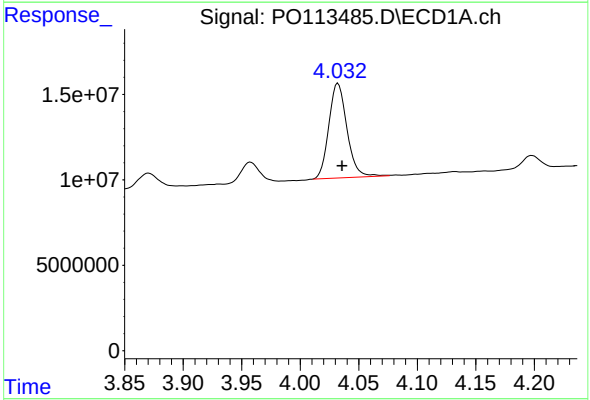
R.T.: 3.958 min
Delta R.T.: -0.003 min
Response: 12299465
Conc: 182.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BSD



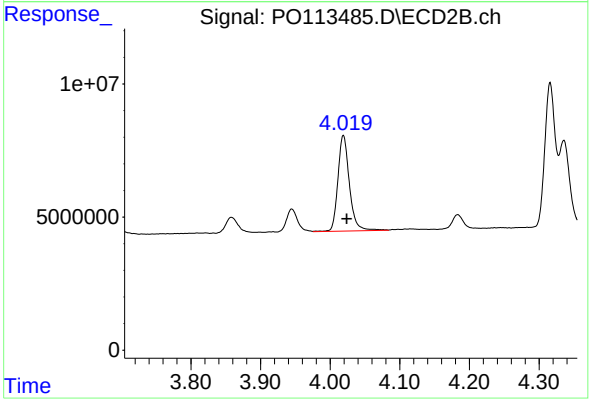
#9 AR-1221-2

R.T.: 3.945 min
Delta R.T.: -0.005 min
Response: 9471020
Conc: 202.92 ng/ml



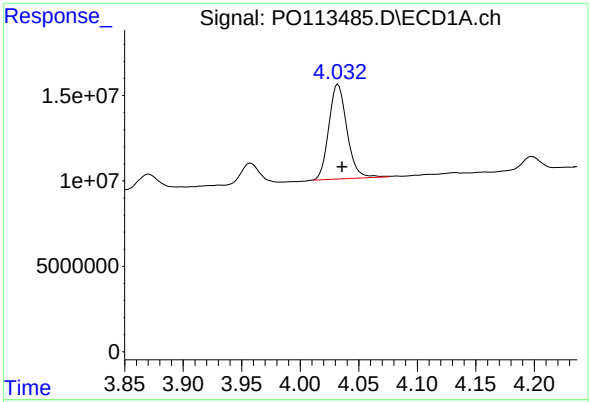
#10 AR-1221-3

R.T.: 4.032 min
Delta R.T.: -0.003 min
Response: 59666495
Conc: 269.56 ng/ml



#10 AR-1221-3

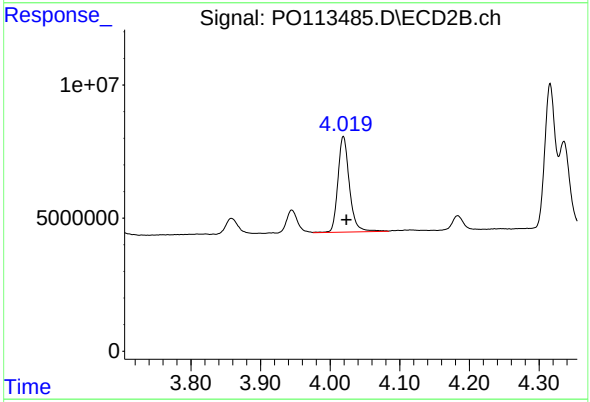
R.T.: 4.019 min
Delta R.T.: -0.005 min
Response: 41302443
Conc: 278.18 ng/ml



#11 AR-1232-1

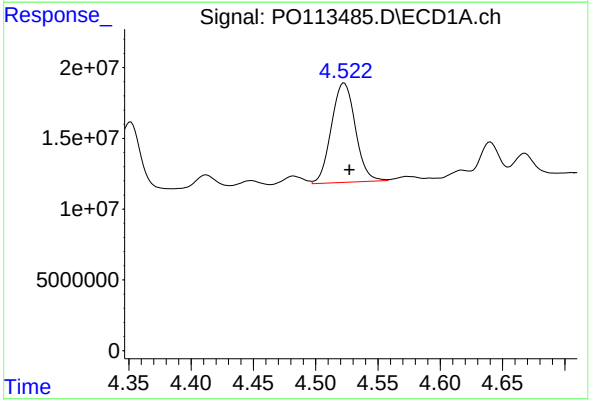
R.T.: 4.032 min
Delta R.T.: -0.003 min
Response: 59666495
Conc: 342.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BSD



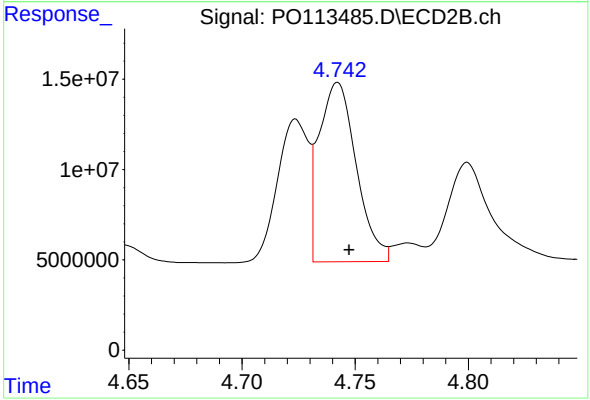
#11 AR-1232-1

R.T.: 4.019 min
Delta R.T.: -0.004 min
Response: 41302443
Conc: 351.80 ng/ml



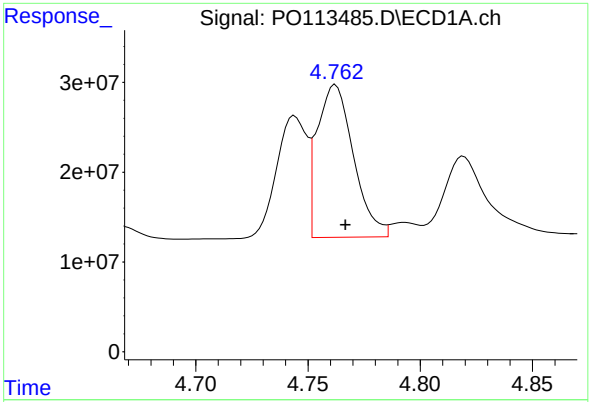
#12 AR-1232-2

R.T.: 4.523 min
Delta R.T.: -0.004 min
Response: 94347210
Conc: 944.87 ng/ml



#12 AR-1232-2

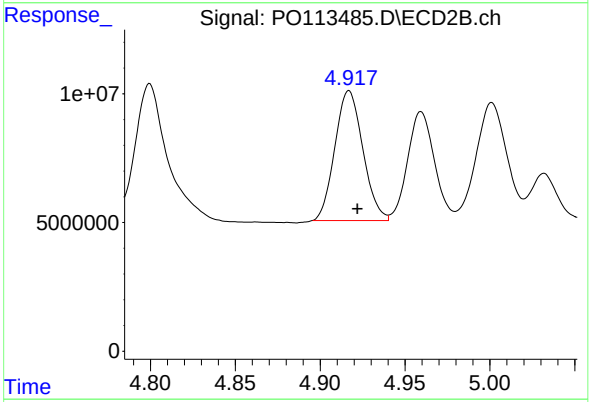
R.T.: 4.742 min
Delta R.T.: -0.005 min
Response: 114148188
Conc: 931.48 ng/ml



#13 AR-1232-3

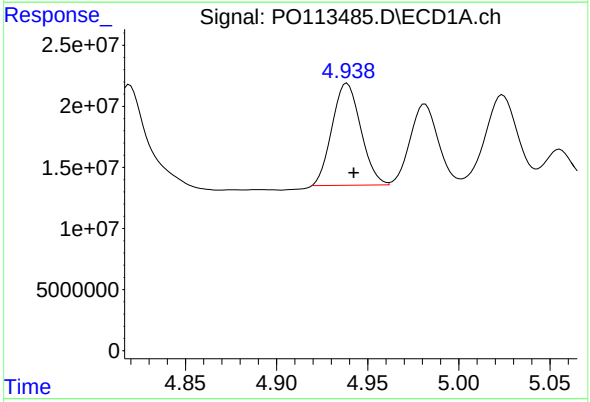
R.T.: 4.762 min
Delta R.T.: -0.004 min
Response: 191714806
Conc: 1011.82 ng/m

Instrument :
ECD_O
ClientSampleId :
PB169547BSD



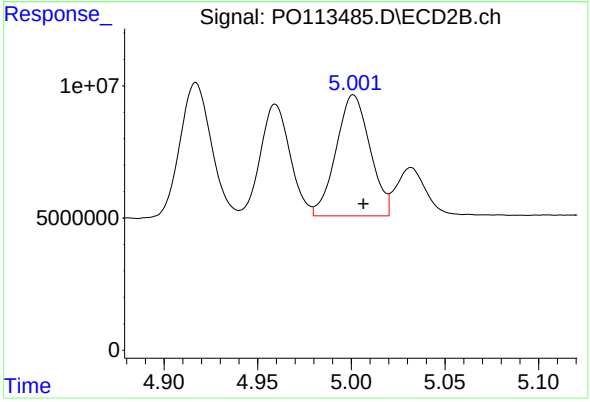
#13 AR-1232-3

R.T.: 4.917 min
Delta R.T.: -0.005 min
Response: 57976578
Conc: 915.24 ng/ml



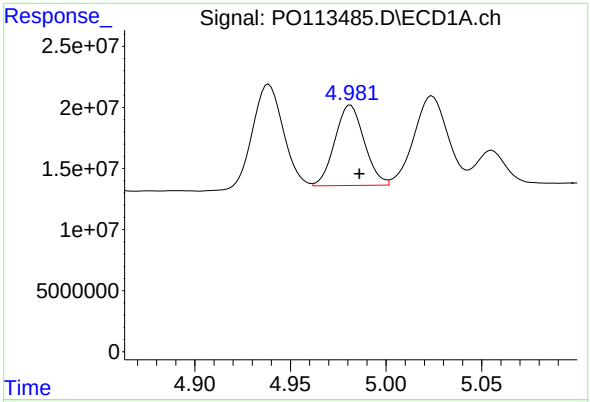
#14 AR-1232-4

R.T.: 4.939 min
Delta R.T.: -0.004 min
Response: 91498415
Conc: 971.63 ng/ml



#14 AR-1232-4

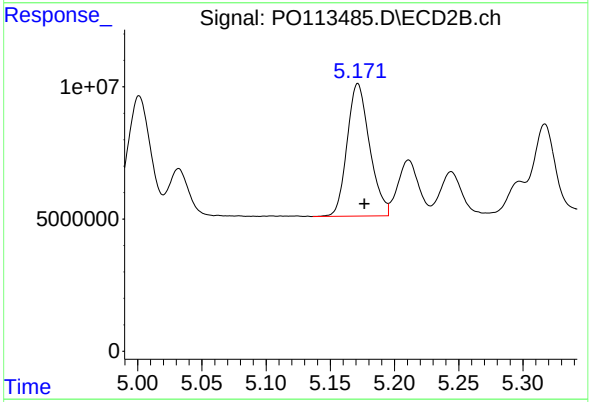
R.T.: 5.001 min
Delta R.T.: -0.005 min
Response: 57663717
Conc: 1025.66 ng/ml



#15 AR-1232-5

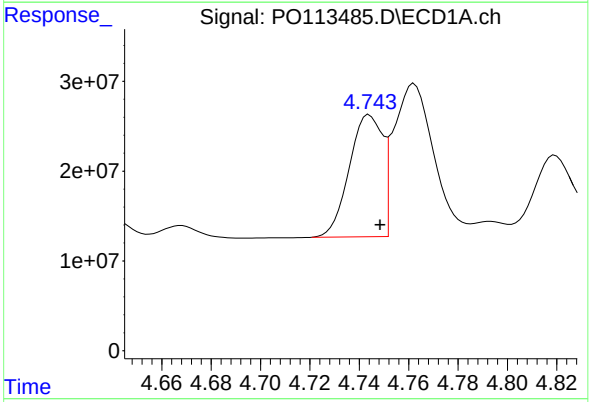
R.T.: 4.981 min
Delta R.T.: -0.005 min
Response: 70507391
Conc: 1138.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BSD



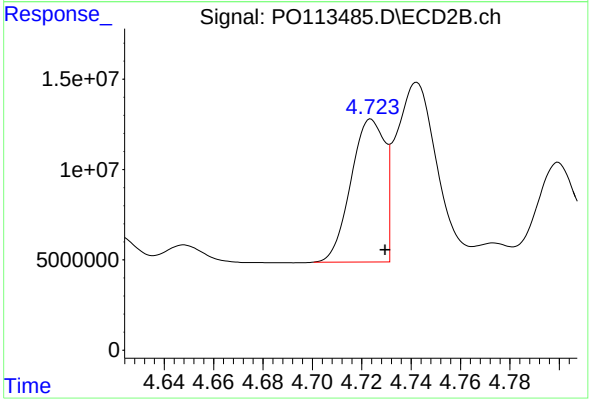
#15 AR-1232-5

R.T.: 5.171 min
Delta R.T.: -0.005 min
Response: 61173532
Conc: 1021.88 ng/ml



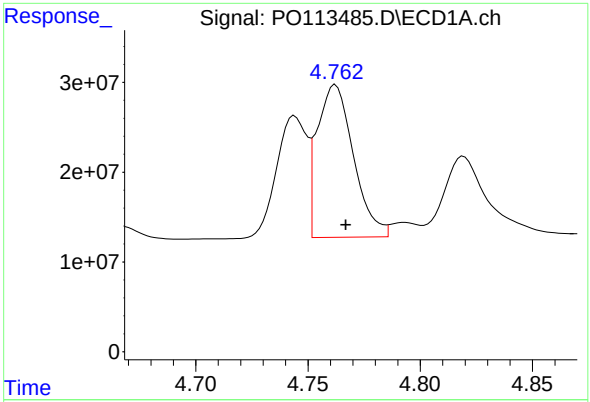
#16 AR-1242-1

R.T.: 4.744 min
Delta R.T.: -0.004 min
Response: 127406080
Conc: 554.10 ng/ml



#16 AR-1242-1

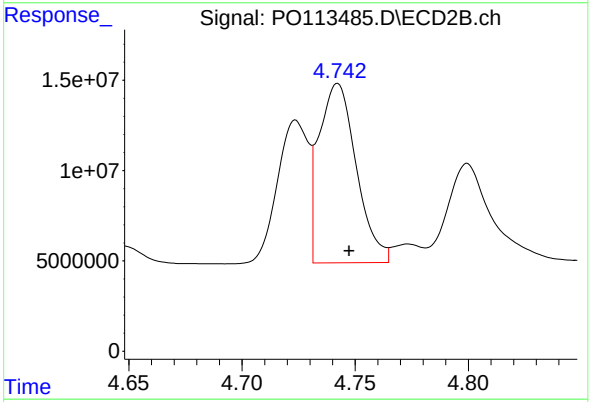
R.T.: 4.724 min
Delta R.T.: -0.006 min
Response: 75153410
Conc: 520.08 ng/ml



#17 AR-1242-2

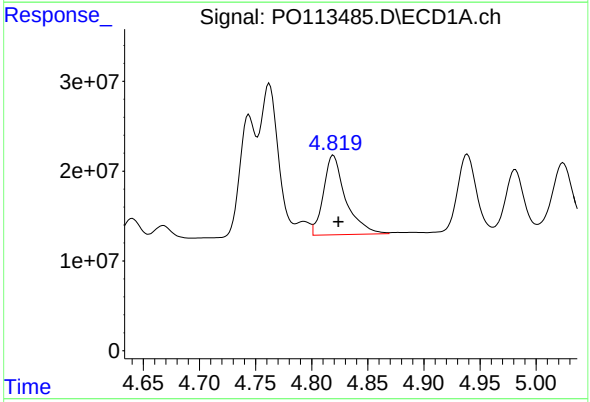
R.T.: 4.762 min
Delta R.T.: -0.005 min
Response: 191714806
Conc: 557.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BSD



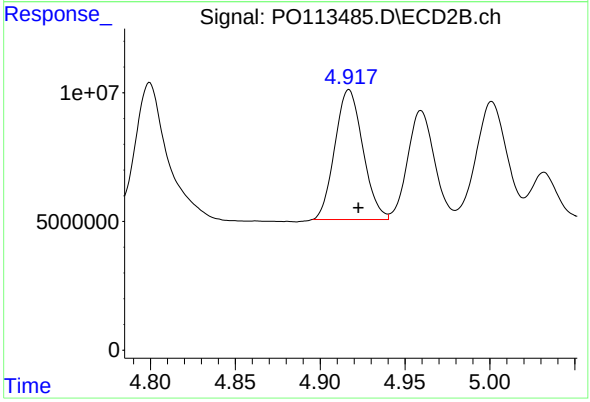
#17 AR-1242-2

R.T.: 4.742 min
Delta R.T.: -0.005 min
Response: 114148188
Conc: 526.24 ng/ml



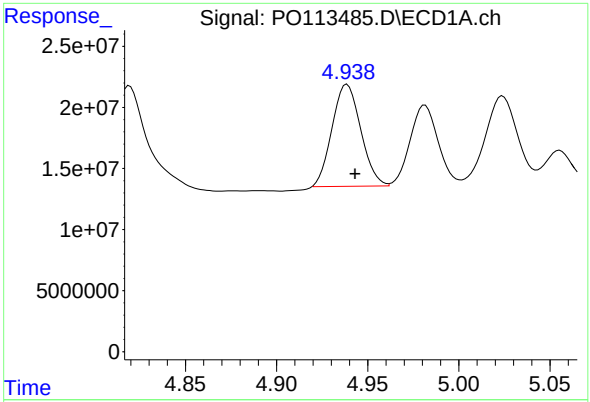
#18 AR-1242-3

R.T.: 4.819 min
Delta R.T.: -0.005 min
Response: 122128472
Conc: 550.42 ng/ml



#18 AR-1242-3

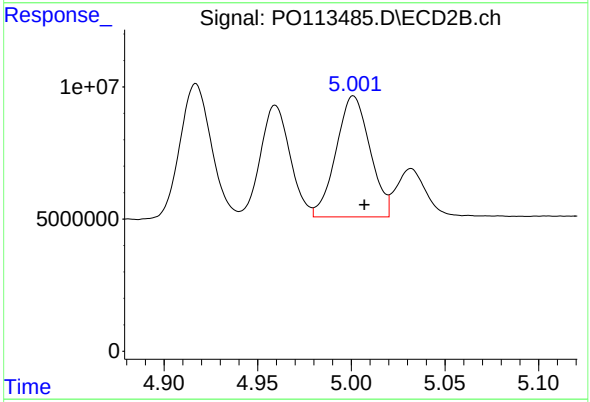
R.T.: 4.917 min
Delta R.T.: -0.006 min
Response: 57976578
Conc: 495.68 ng/ml



#19 AR-1242-4

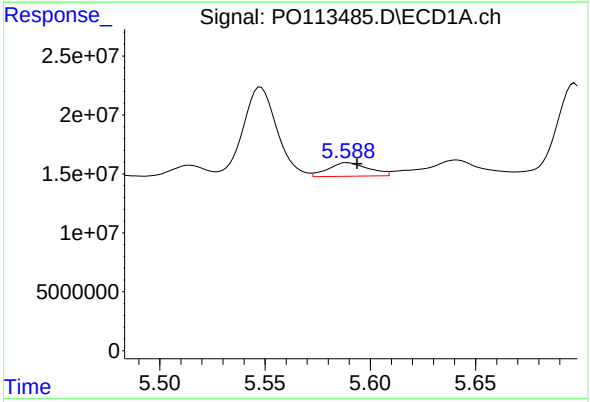
R.T.: 4.939 min
Delta R.T.: -0.004 min
Response: 91498415
Conc: 527.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BSD



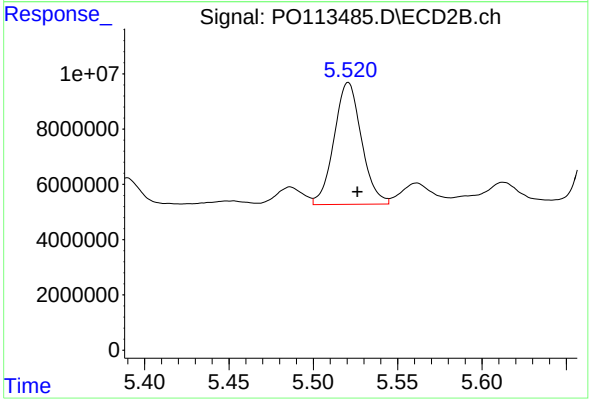
#19 AR-1242-4

R.T.: 5.001 min
Delta R.T.: -0.006 min
Response: 57663717
Conc: 490.18 ng/ml



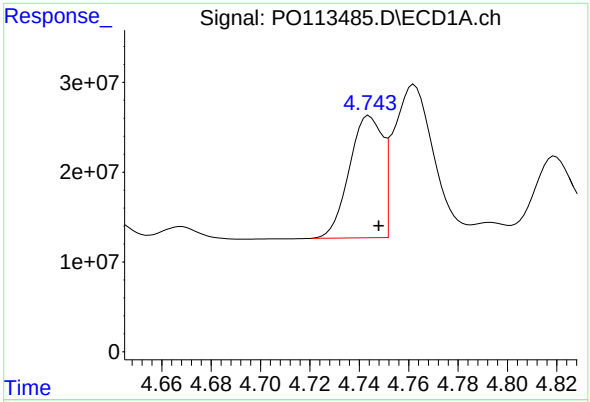
#20 AR-1242-5

R.T.: 5.589 min
Delta R.T.: -0.004 min
Response: 15393120
Conc: 76.90 ng/ml



#20 AR-1242-5

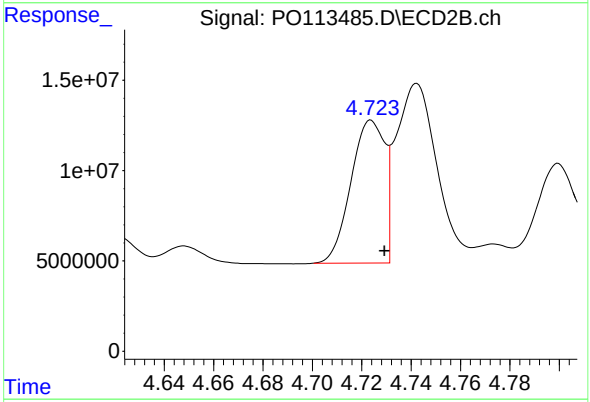
R.T.: 5.521 min
Delta R.T.: -0.005 min
Response: 49936502
Conc: 334.85 ng/ml



#21 AR-1248-1

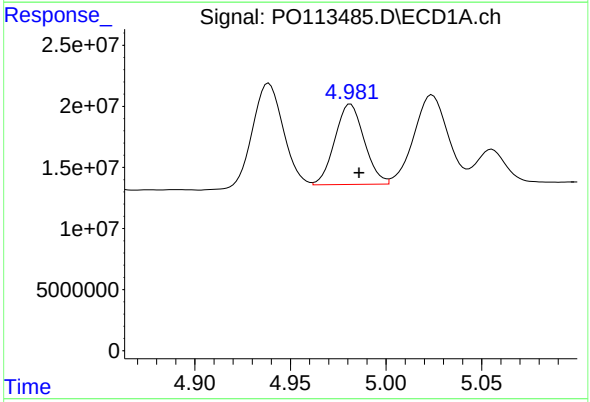
R.T.: 4.744 min
Delta R.T.: -0.004 min
Response: 127406080
Conc: 730.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BSD



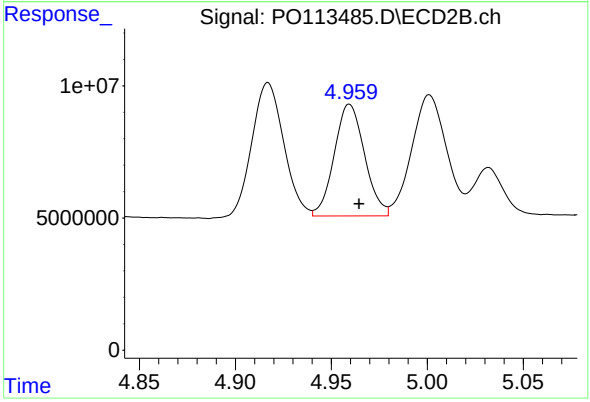
#21 AR-1248-1

R.T.: 4.724 min
Delta R.T.: -0.005 min
Response: 75153410
Conc: 673.95 ng/ml



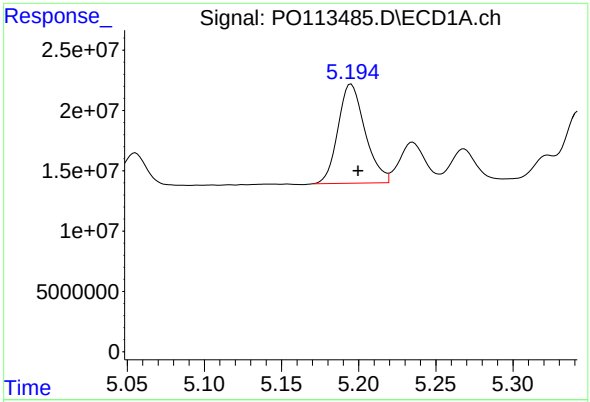
#22 AR-1248-2

R.T.: 4.981 min
Delta R.T.: -0.005 min
Response: 70507391
Conc: 291.51 ng/ml



#22 AR-1248-2

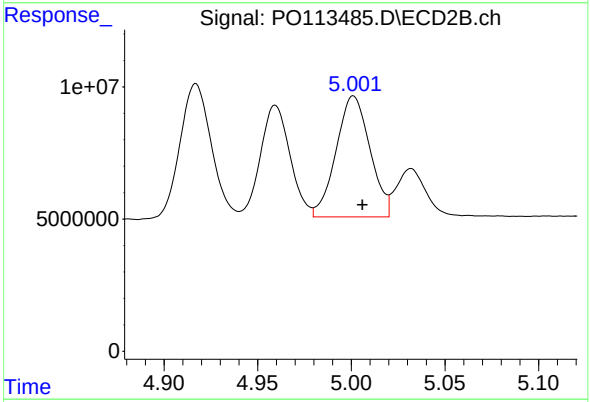
R.T.: 4.959 min
Delta R.T.: -0.005 min
Response: 46591285
Conc: 289.93 ng/ml



#23 AR-1248-3

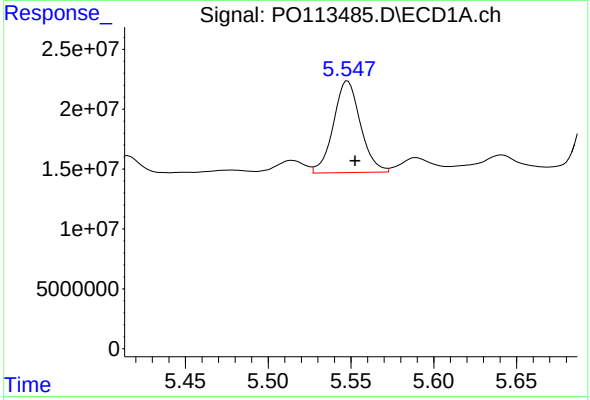
R.T.: 5.195 min
Delta R.T.: -0.005 min
Response: 100258709
Conc: 314.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BSD



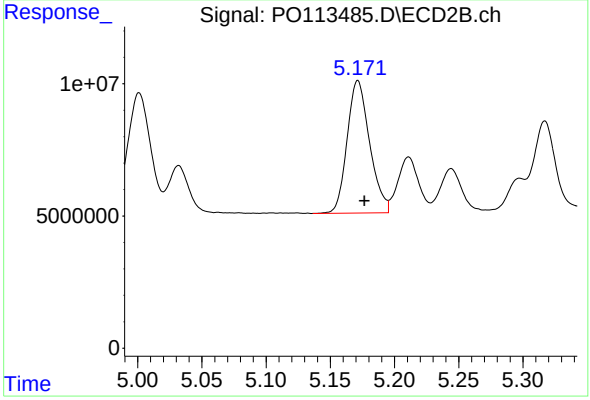
#23 AR-1248-3

R.T.: 5.001 min
Delta R.T.: -0.005 min
Response: 57663717
Conc: 339.88 ng/ml



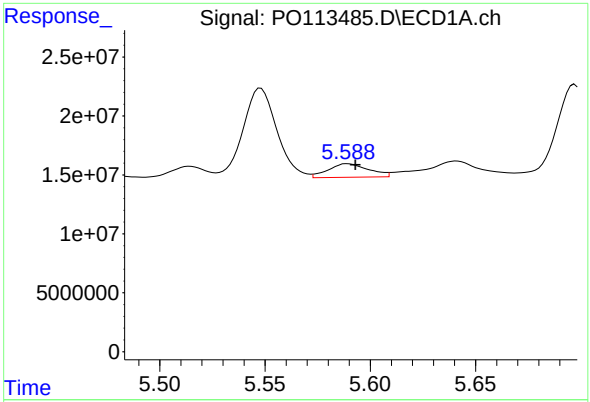
#24 AR-1248-4

R.T.: 5.548 min
Delta R.T.: -0.004 min
Response: 86769463
Conc: 173.68 ng/ml



#24 AR-1248-4

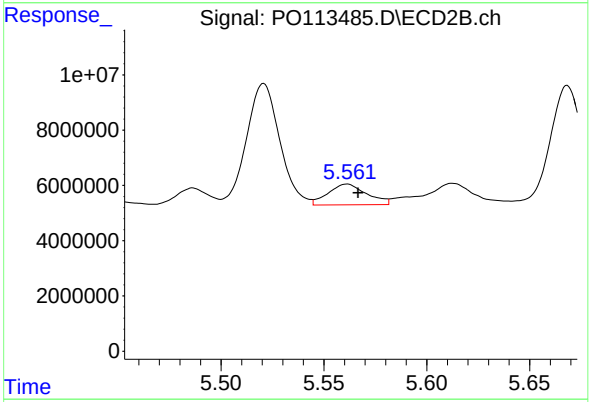
R.T.: 5.171 min
Delta R.T.: -0.005 min
Response: 61173532
Conc: 307.07 ng/ml



#25 AR-1248-5

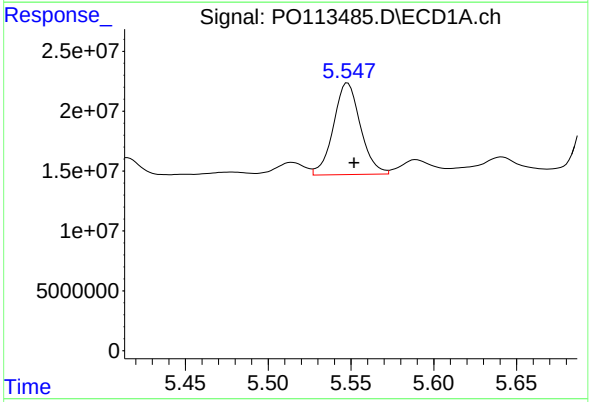
R.T.: 5.589 min
Delta R.T.: -0.004 min
Response: 15393120
Conc: 45.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BSD



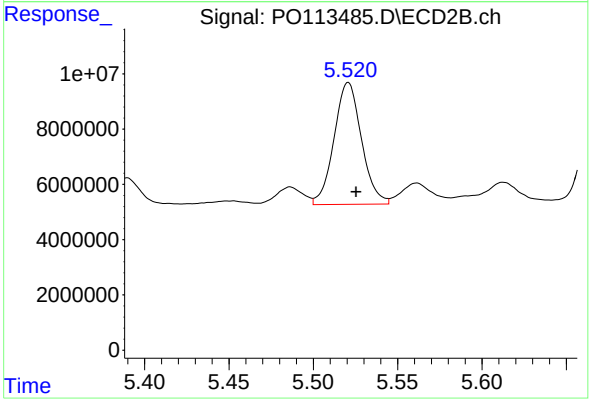
#25 AR-1248-5

R.T.: 5.561 min
Delta R.T.: -0.005 min
Response: 9818878
Conc: 46.25 ng/ml



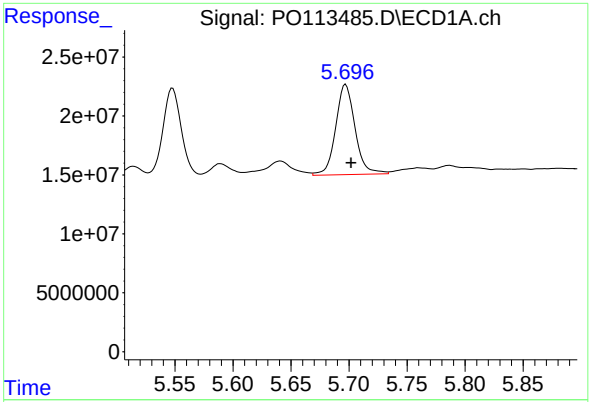
#26 AR-1254-1

R.T.: 5.548 min
Delta R.T.: -0.004 min
Response: 86769463
Conc: 160.69 ng/ml



#26 AR-1254-1

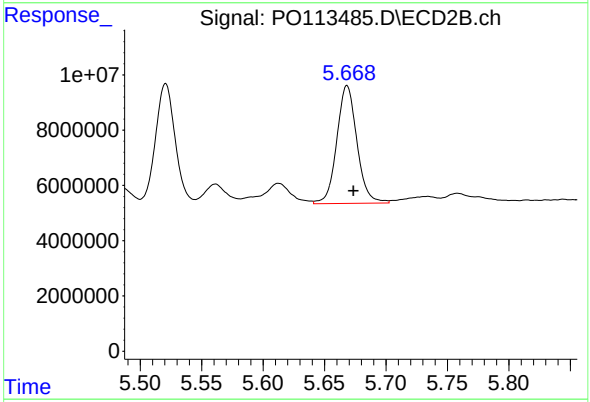
R.T.: 5.521 min
Delta R.T.: -0.005 min
Response: 49936502
Conc: 158.35 ng/ml



#27 AR-1254-2

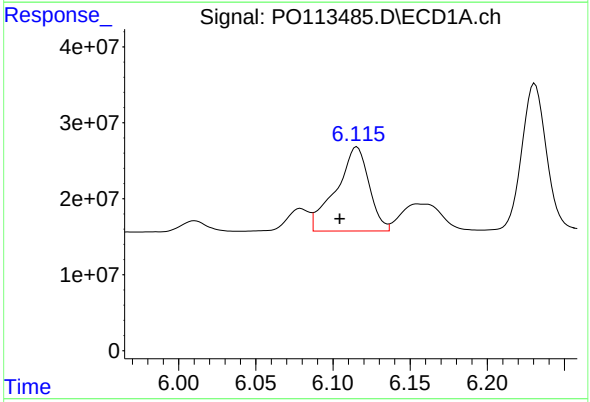
R.T.: 5.697 min
Delta R.T.: -0.005 min
Response: 88831551
Conc: 180.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BSD



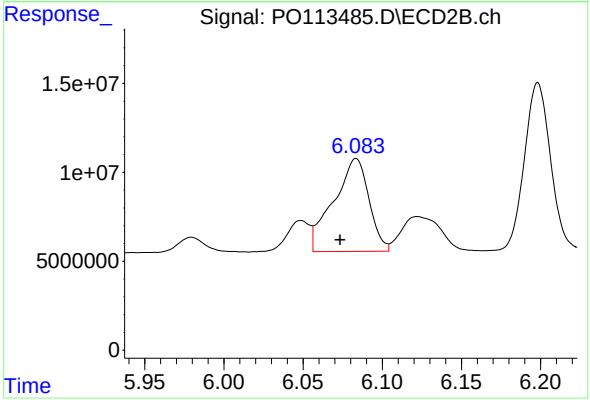
#27 AR-1254-2

R.T.: 5.668 min
Delta R.T.: -0.005 min
Response: 48770349
Conc: 173.97 ng/ml



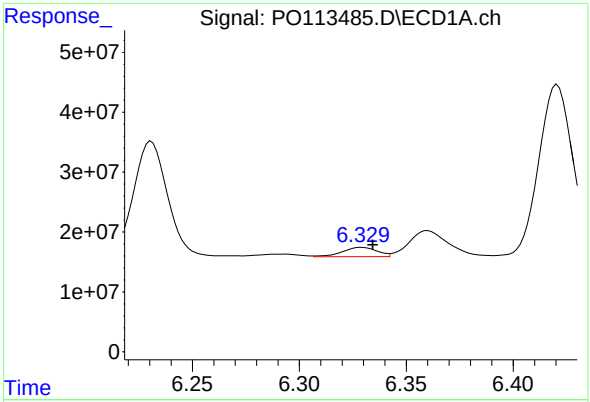
#28 AR-1254-3

R.T.: 6.115 min
Delta R.T.: 0.011 min
Response: 164472002
Conc: 222.60 ng/ml



#28 AR-1254-3

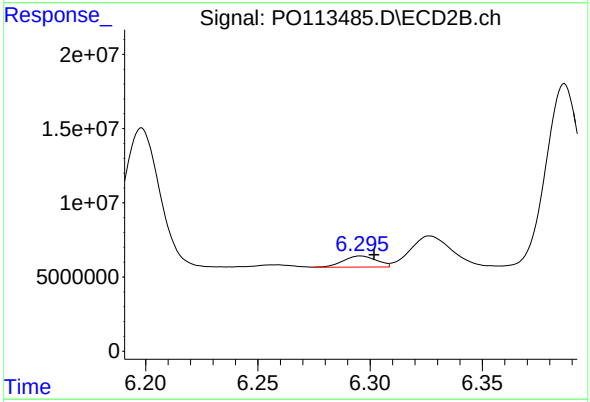
R.T.: 6.083 min
Delta R.T.: 0.010 min
Response: 81494666
Conc: 195.47 ng/ml



#29 AR-1254-4

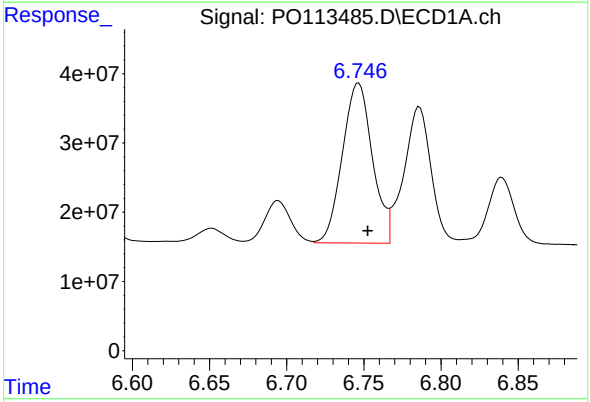
R.T.: 6.329 min
Delta R.T.: -0.005 min
Response: 17442276
Conc: 31.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BSD



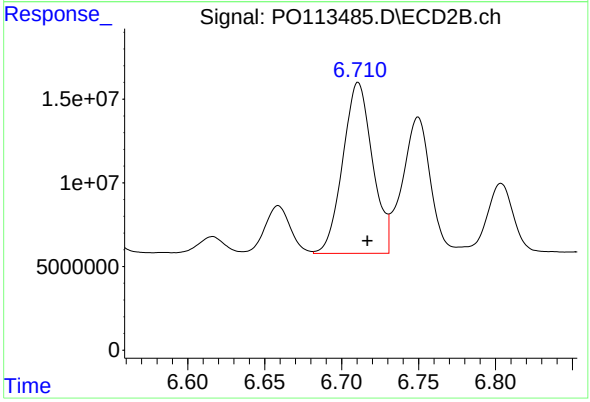
#29 AR-1254-4

R.T.: 6.296 min
Delta R.T.: -0.006 min
Response: 7720916
Conc: 28.09 ng/ml



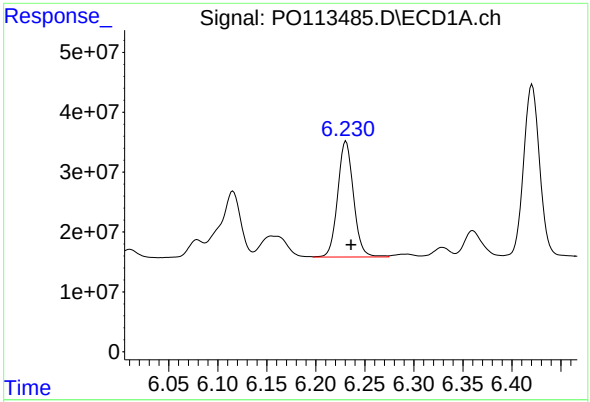
#30 AR-1254-5

R.T.: 6.747 min
Delta R.T.: -0.006 min
Response: 312836621
Conc: 446.29 ng/ml



#30 AR-1254-5

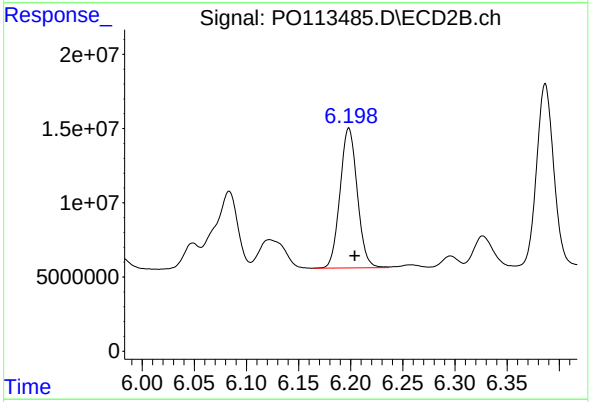
R.T.: 6.711 min
Delta R.T.: -0.006 min
Response: 136907327
Conc: 382.97 ng/ml



#31 AR-1260-1

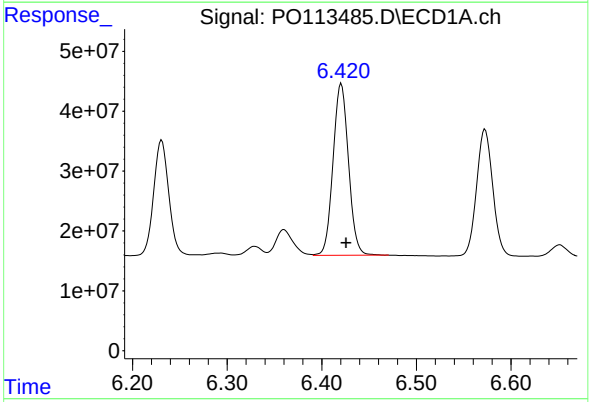
R.T.: 6.231 min
Delta R.T.: -0.005 min
Response: 217404928
Conc: 487.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BSD



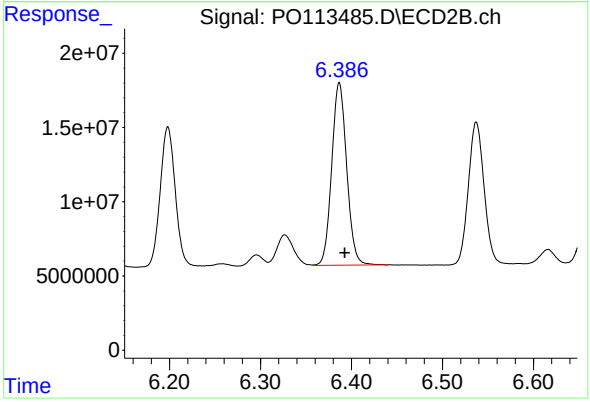
#31 AR-1260-1

R.T.: 6.198 min
Delta R.T.: -0.006 min
Response: 108470388
Conc: 425.26 ng/ml



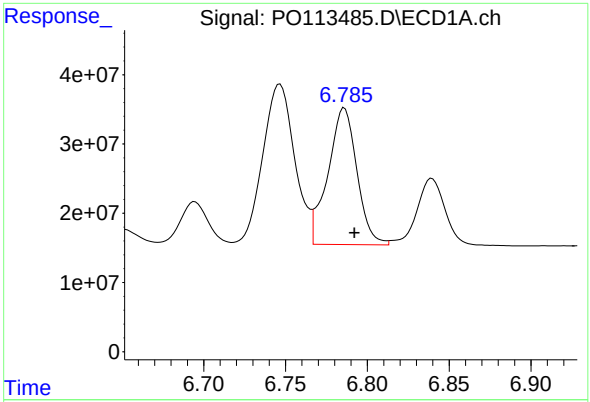
#32 AR-1260-2

R.T.: 6.421 min
Delta R.T.: -0.005 min
Response: 325234017
Conc: 473.60 ng/ml



#32 AR-1260-2

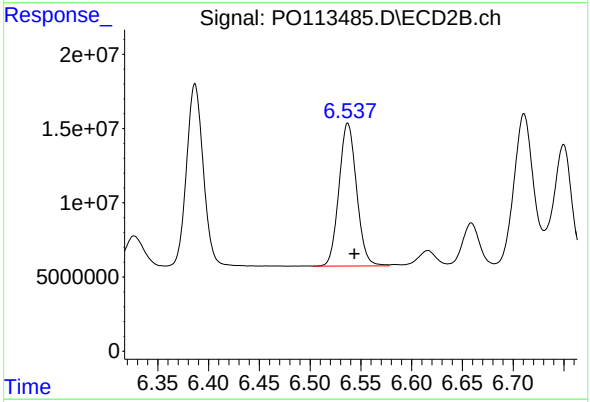
R.T.: 6.387 min
Delta R.T.: -0.006 min
Response: 140808447
Conc: 407.30 ng/ml



#33 AR-1260-3

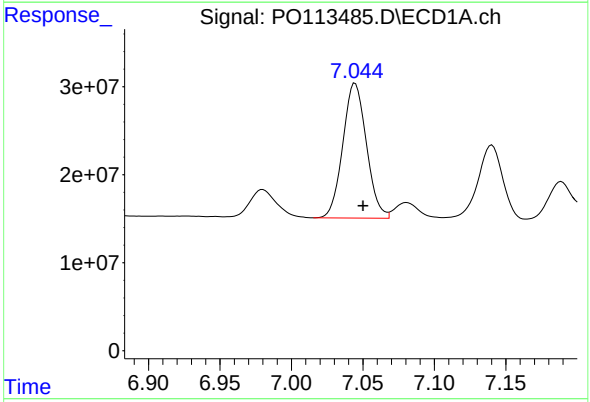
R.T.: 6.786 min
Delta R.T.: -0.006 min
Response: 243115289
Conc: 393.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BSD



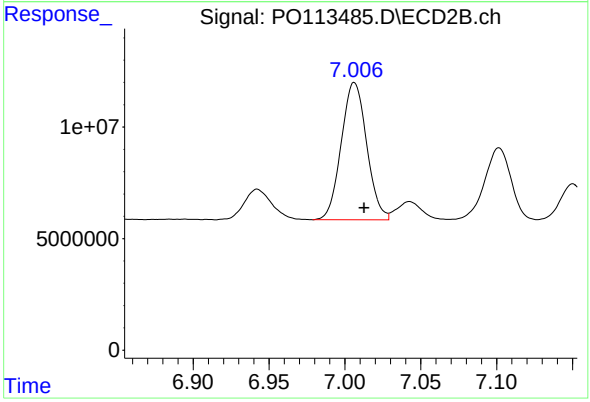
#33 AR-1260-3

R.T.: 6.537 min
Delta R.T.: -0.006 min
Response: 116202733
Conc: 390.68 ng/ml



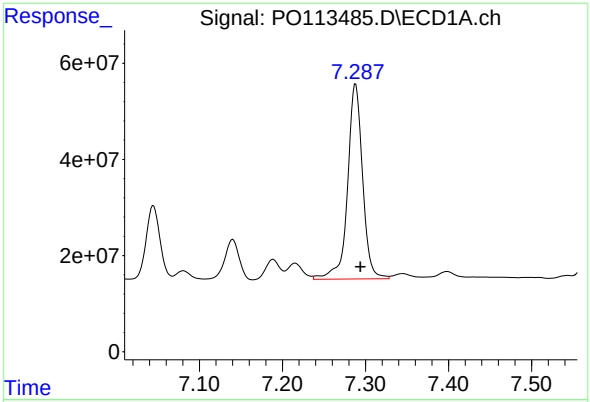
#34 AR-1260-4

R.T.: 7.045 min
Delta R.T.: -0.005 min
Response: 176138730
Conc: 393.28 ng/ml



#34 AR-1260-4

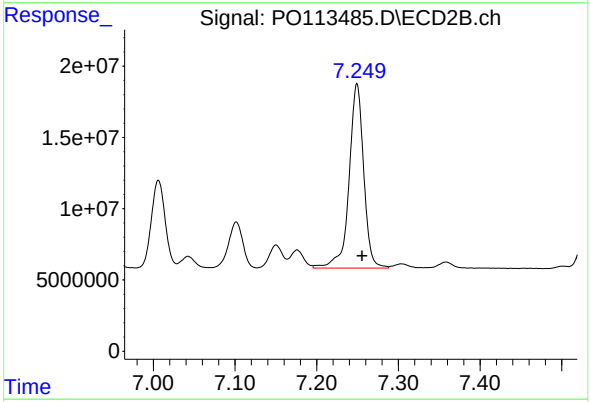
R.T.: 7.006 min
Delta R.T.: -0.006 min
Response: 71922282
Conc: 347.03 ng/ml



#35 AR-1260-5

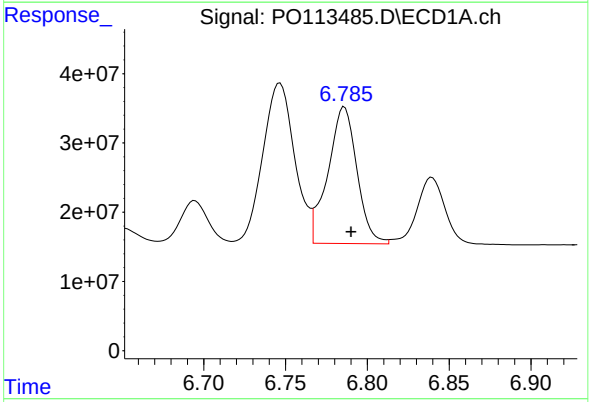
R.T.: 7.288 min
Delta R.T.: -0.006 min
Response: 511439221
Conc: 422.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BSD



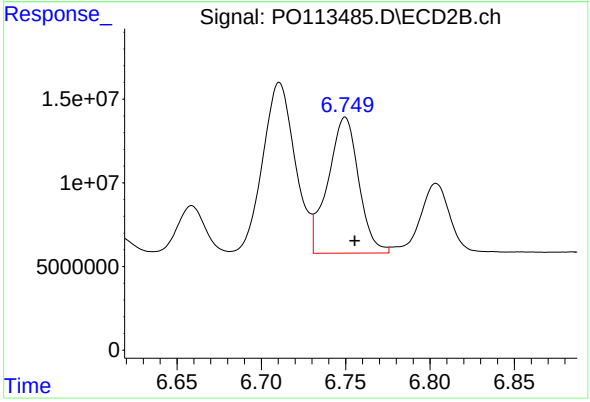
#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.006 min
Response: 161305796
Conc: 344.35 ng/ml



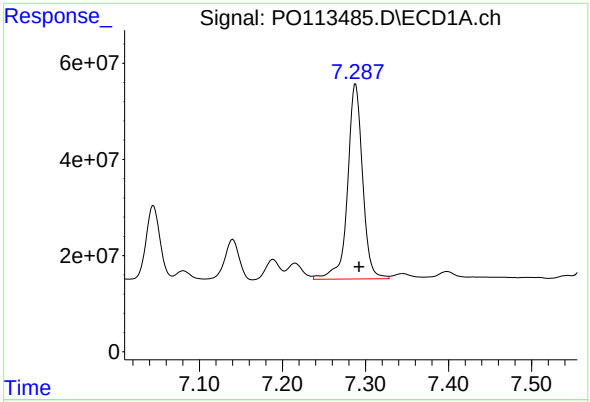
#36 AR-1262-1

R.T.: 6.786 min
Delta R.T.: -0.004 min
Response: 243115289
Conc: 265.48 ng/ml



#36 AR-1262-1

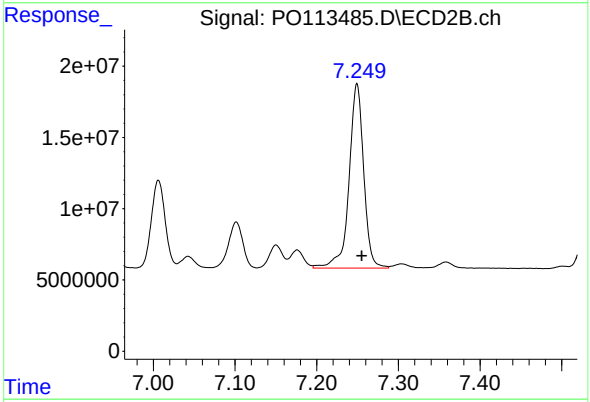
R.T.: 6.750 min
Delta R.T.: -0.006 min
Response: 103378026
Conc: 249.34 ng/ml



#37 AR-1262-2

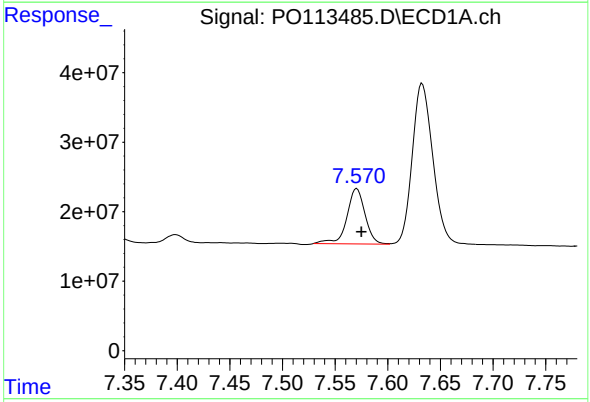
R.T.: 7.288 min
Delta R.T.: -0.004 min
Response: 511439221
Conc: 338.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BSD



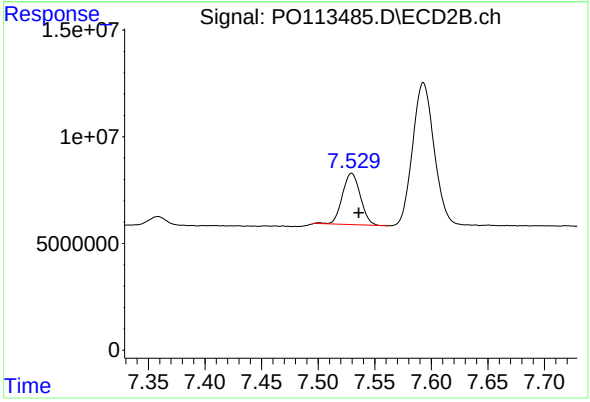
#37 AR-1262-2

R.T.: 7.249 min
Delta R.T.: -0.006 min
Response: 161305796
Conc: 311.60 ng/ml



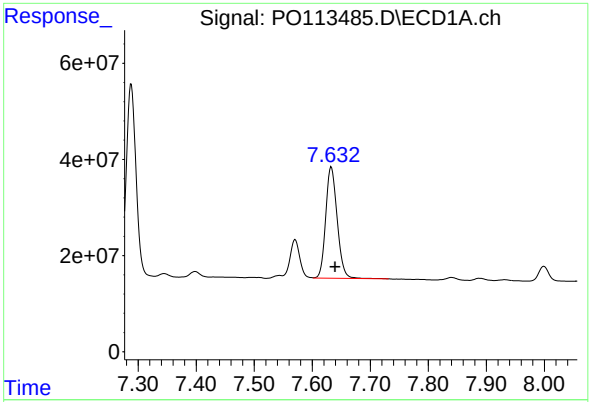
#38 AR-1262-3

R.T.: 7.571 min
Delta R.T.: -0.004 min
Response: 96275832
Conc: 173.75 ng/ml



#38 AR-1262-3

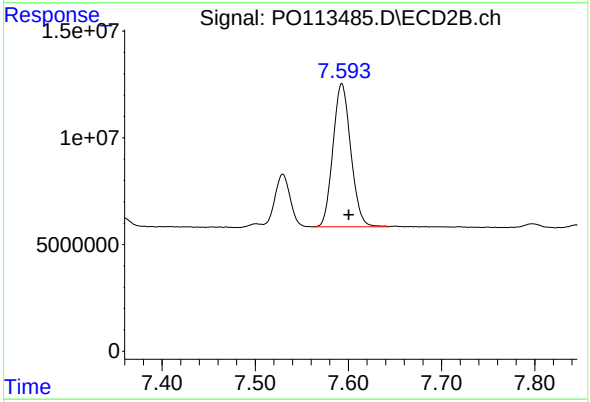
R.T.: 7.530 min
Delta R.T.: -0.006 min
Response: 26615409
Conc: 148.20 ng/ml



#39 AR-1262-4

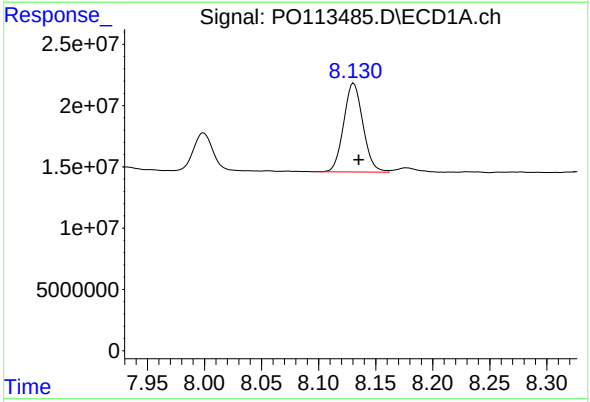
R.T.: 7.633 min
Delta R.T.: -0.006 min
Response: 316632405
Conc: 323.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BSD



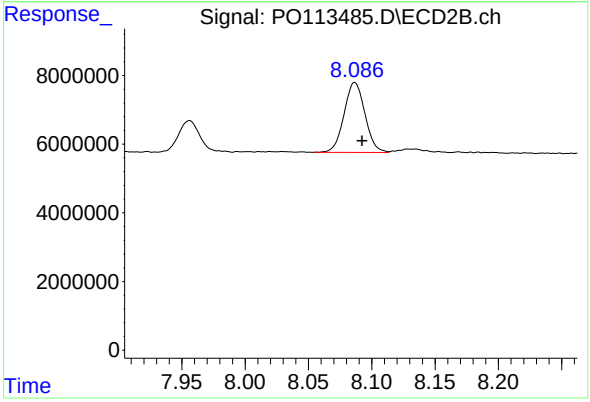
#39 AR-1262-4

R.T.: 7.593 min
Delta R.T.: -0.007 min
Response: 89153109
Conc: 307.53 ng/ml



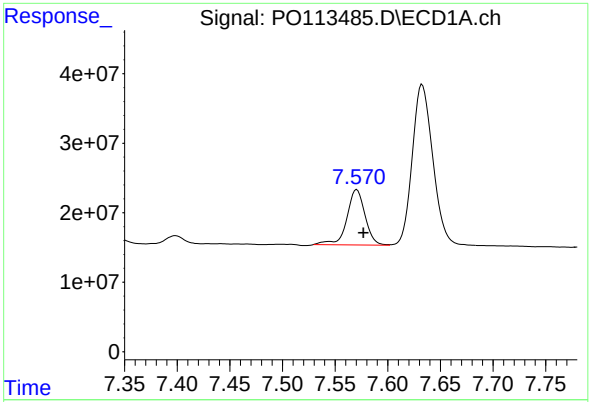
#40 AR-1262-5

R.T.: 8.131 min
Delta R.T.: -0.004 min
Response: 85063365
Conc: 204.05 ng/ml



#40 AR-1262-5

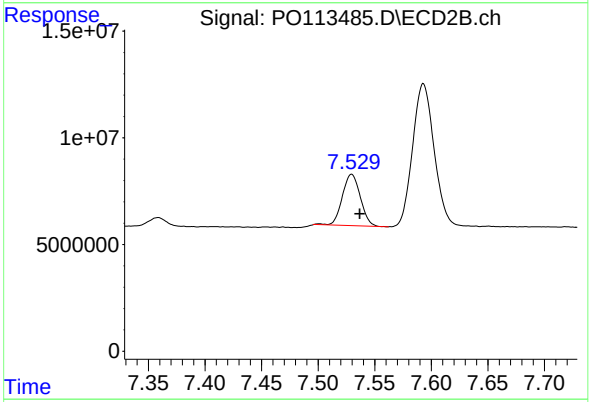
R.T.: 8.087 min
Delta R.T.: -0.006 min
Response: 23386792
Conc: 215.88 ng/ml



#41 AR-1268-1

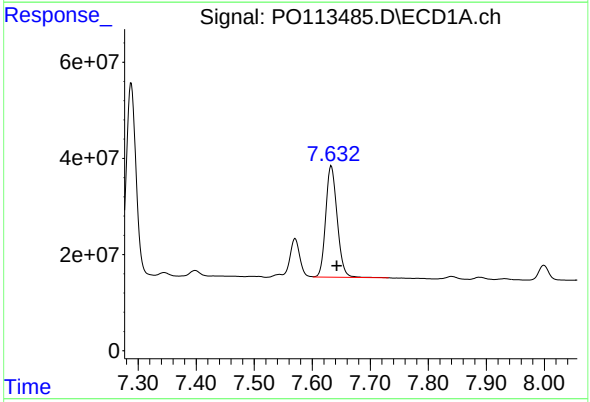
R.T.: 7.571 min
Delta R.T.: -0.006 min
Response: 96275832
Conc: 55.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BSD



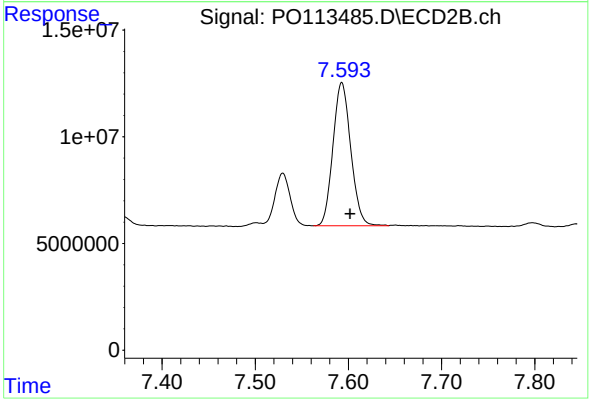
#41 AR-1268-1

R.T.: 7.530 min
Delta R.T.: -0.007 min
Response: 26615409
Conc: 52.24 ng/ml



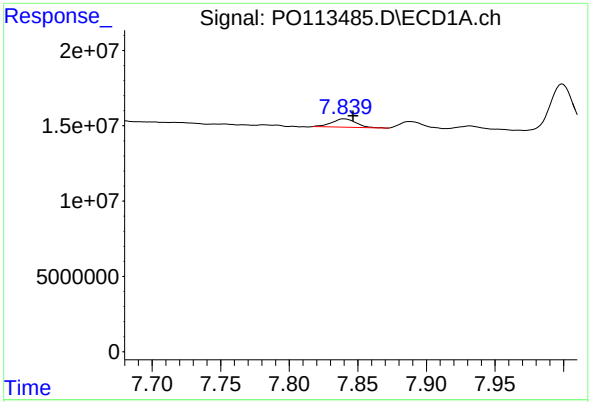
#42 AR-1268-2

R.T.: 7.633 min
Delta R.T.: -0.009 min
Response: 316632405
Conc: 218.65 ng/ml



#42 AR-1268-2

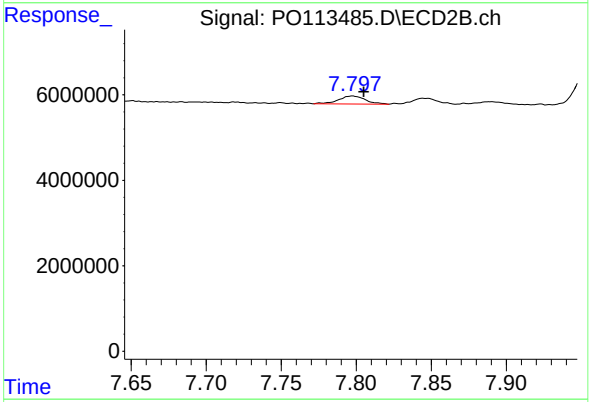
R.T.: 7.593 min
Delta R.T.: -0.009 min
Response: 89153109
Conc: 214.62 ng/ml



#43 AR-1268-3

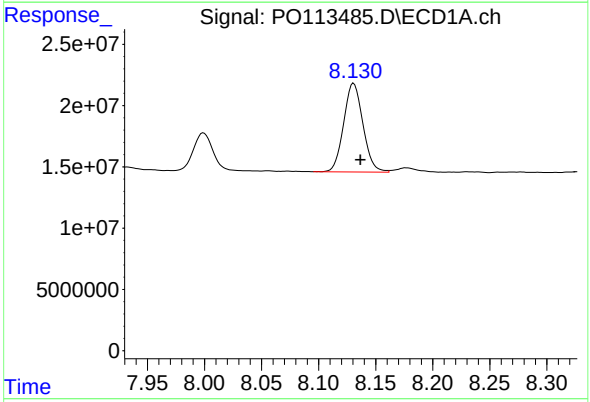
R.T.: 7.840 min
Delta R.T.: -0.006 min
Response: 6806675
Conc: 5.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BSD



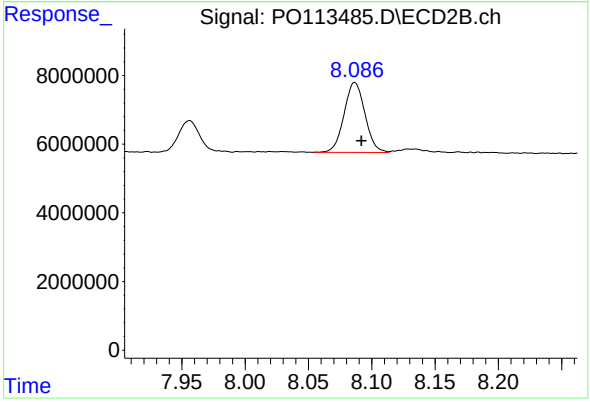
#43 AR-1268-3

R.T.: 7.797 min
Delta R.T.: -0.008 min
Response: 2302307
Conc: 7.05 ng/ml



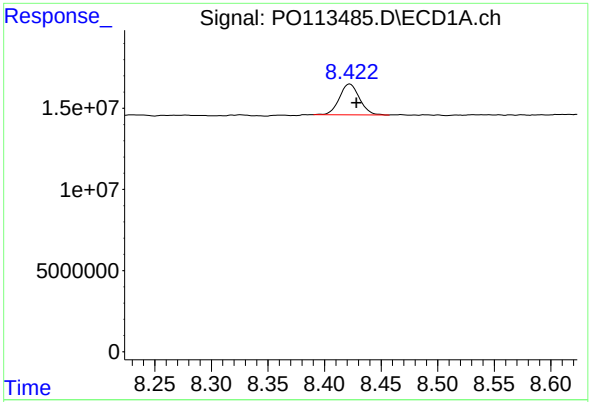
#44 AR-1268-4

R.T.: 8.131 min
Delta R.T.: -0.006 min
Response: 85063365
Conc: 184.65 ng/ml



#44 AR-1268-4

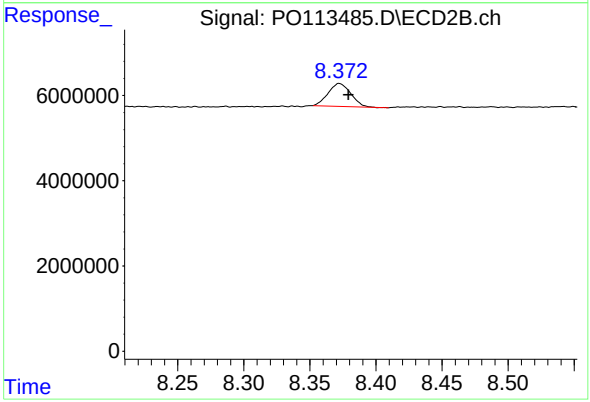
R.T.: 8.087 min
Delta R.T.: -0.005 min
Response: 23386792
Conc: 194.19 ng/ml



#45 AR-1268-5

R.T.: 8.422 min
Delta R.T.: -0.006 min
Response: 23461988
Conc: 7.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169547BSD



#45 AR-1268-5

R.T.: 8.372 min
Delta R.T.: -0.007 min
Response: 6444673
Conc: 8.25 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113488.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 23:23
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:37:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.659	3.651	477.9E6	277.1E6	58.377	54.756	
2)	SA Decachlor...	8.676	8.620	359.4E6	104.3E6	51.857	55.049	
	Target Compounds							
3)	L1 AR-1016-1	4.743	4.724	154.9E6	91398360	580.340	535.829	
4)	L1 AR-1016-2	4.762	4.742	234.5E6	138.6E6	584.229	537.786	
5)	L1 AR-1016-3	4.819	4.916	149.6E6	72079309	586.657	516.274	
6)	L1 AR-1016-4	4.938	4.959	111.2E6	58697905	510.155	502.986	
7)	L1 AR-1016-5	5.194	5.171	137.3E6	81701737	619.693	573.225	
8)	L2 AR-1221-1	3.869	3.858	13143669	9774247	140.464	154.849	
9)	L2 AR-1221-2	3.957	3.945	18796779	14556081	278.262	311.872	
10)	L2 AR-1221-3	4.032	4.019	76572061	52453169	345.930	353.279	
11)	L3 AR-1232-1	4.032	4.019	76572061	52453169	440.053	446.780	
12)	L3 AR-1232-2	4.522	4.742	117.3E6	138.6E6	1175.051	1130.717	
13)	L3 AR-1232-3	4.762	4.916	234.5E6	72079309	1237.775	1137.873	
14)	L3 AR-1232-4	4.938	5.002	111.2E6	72247067	1181.365	1285.051	
15)	L3 AR-1232-5	4.981	5.171	84125902	81701737	1358.119	1364.799	
16)	L4 AR-1242-1	4.743	4.724	154.9E6	91398360	673.860	632.495	
17)	L4 AR-1242-2	4.762	4.742	234.5E6	138.6E6	682.511	638.804	
18)	L4 AR-1242-3	4.819	4.916	149.6E6	72079309	674.273	616.251	
19)	L4 AR-1242-4	4.938	5.002	111.2E6	72247067	641.340	614.151	
20)	L4 AR-1242-5	5.589	5.520	39193918	79228517	195.811	531.261	#
21)	L5 AR-1248-1	4.743	4.724	154.9E6	91398360	888.091	819.629	
22)	L5 AR-1248-2	4.981	4.959	84125902	58697905	347.821	365.266	
23)	L5 AR-1248-3	5.194	5.002	137.3E6	72247067	430.721	425.833	
24)	L5 AR-1248-4	5.547	5.171	143.0E6	81701737	286.293	410.108	#
25)	L5 AR-1248-5	5.589	5.560	39193918	23189278	114.773	109.231	
26)	L6 AR-1254-1	5.547	5.520	143.0E6	79228517	264.887	251.237	
27)	L6 AR-1254-2	5.697	5.668	111.6E6	57793181	226.121	206.154	
28)	L6 AR-1254-3	6.116	6.084	205.6E6	101.3E6	278.233	242.911	
29)	L6 AR-1254-4	6.327	6.294	26471822	9349146	47.526	34.017	#
30)	L6 AR-1254-5	6.747	6.711	355.8E6	151.6E6	507.529	424.053	
31)	L7 AR-1260-1	6.231	6.198	271.8E6	127.7E6	609.526	500.657	
32)	L7 AR-1260-2	6.421	6.387	402.1E6	169.0E6	585.498	488.797	
33)	L7 AR-1260-3	6.786	6.538	352.3E6	135.8E6	570.593	456.712	
34)	L7 AR-1260-4	7.045	7.007	249.6E6	97518612	557.287	470.537	
35)	L7 AR-1260-5	7.289	7.249	665.5E6	215.1E6	549.722	459.290	
36)	L8 AR-1262-1	6.786	6.750	352.3E6	142.9E6	384.735	344.686	
37)	L8 AR-1262-2	7.289	7.249	665.5E6	215.1E6	440.127	415.602	
38)	L8 AR-1262-3	7.570	7.530	145.0E6	42080264	261.693	234.312	
39)	L8 AR-1262-4	7.635	7.593	430.9E6	122.1E6	440.557	421.314	
40)	L8 AR-1262-5	8.131	8.086	150.1E6	38146404	360.015	352.127	
41)	L9 AR-1268-1	7.570	7.530	145.0E6	42080264	84.262	82.597	

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113488.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 23:23
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:37:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.635	7.593	430.9E6	122.1E6	297.518	294.027
43) L9	AR-1268-3	7.841	7.799	6685982	1944435	5.542	5.955
44) L9	AR-1268-4	8.131	8.086	150.1E6	38146404	325.796	316.745
45) L9	AR-1268-5	8.423	8.372	32682789	8118752	10.250	10.396

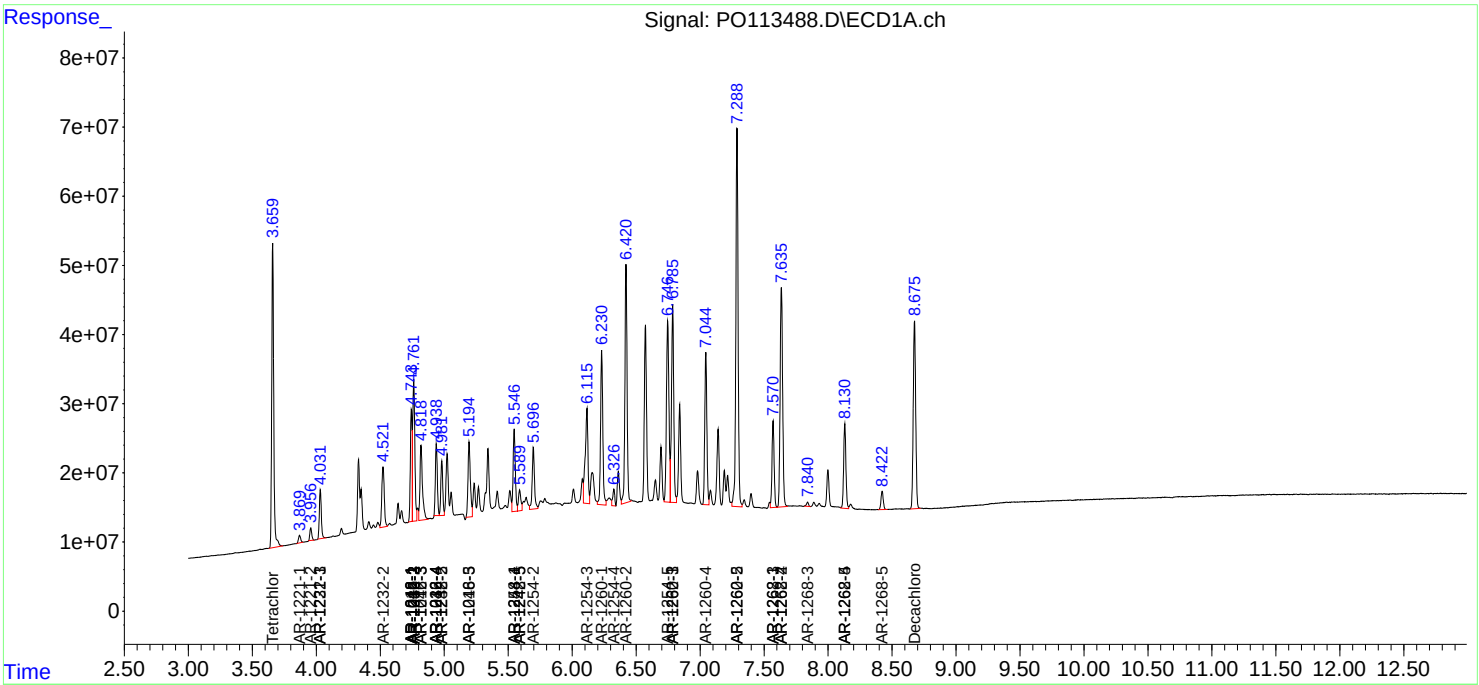
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

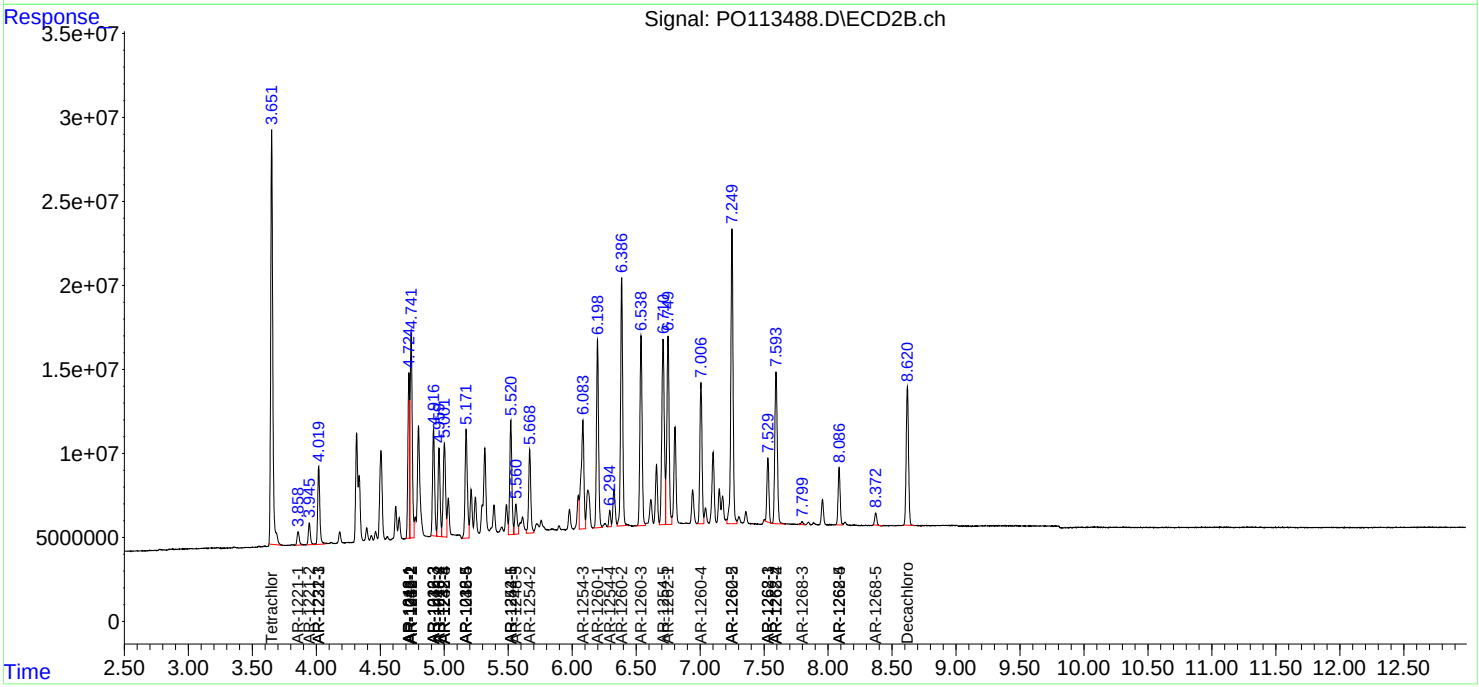
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113488.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 23:23
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

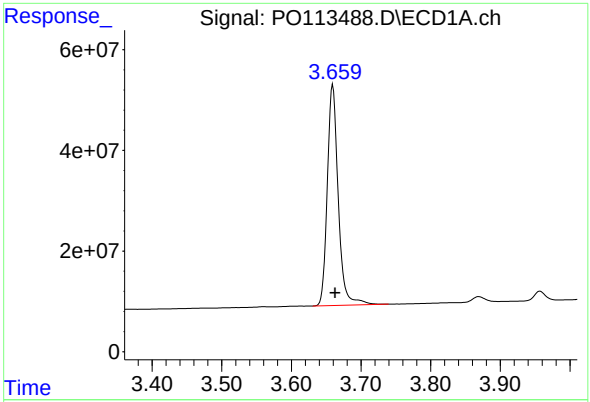
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:37:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



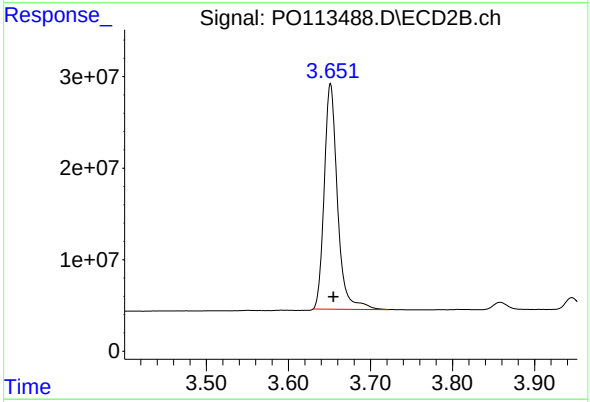




#1 Tetrachloro-m-xylene

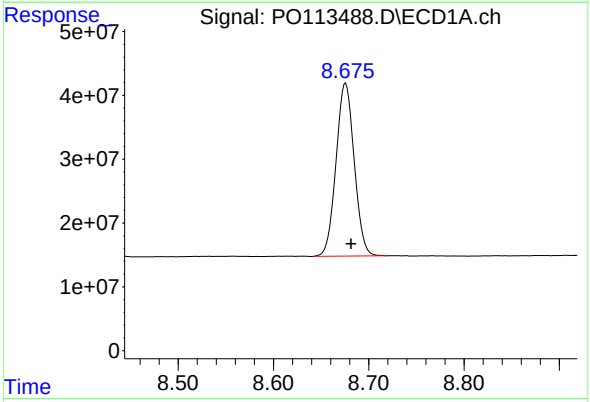
R.T.: 3.659 min
Delta R.T.: -0.004 min
Response: 477905122
Conc: 58.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



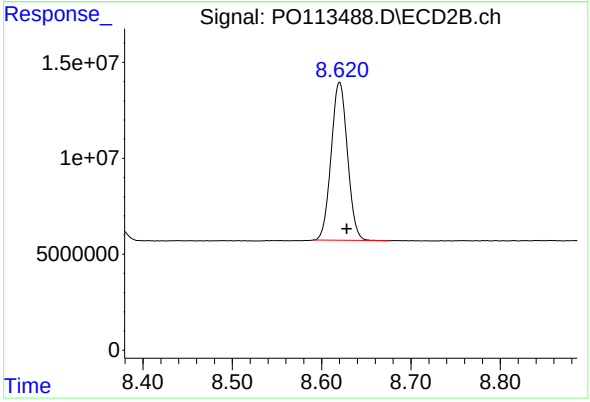
#1 Tetrachloro-m-xylene

R.T.: 3.651 min
Delta R.T.: -0.004 min
Response: 277101584
Conc: 54.76 ng/ml



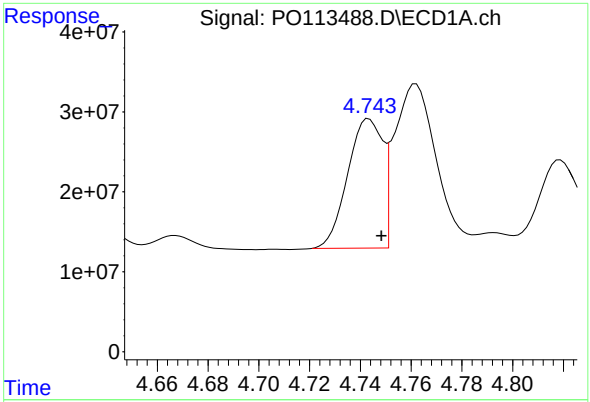
#2 Decachlorobiphenyl

R.T.: 8.676 min
Delta R.T.: -0.006 min
Response: 359444686
Conc: 51.86 ng/ml



#2 Decachlorobiphenyl

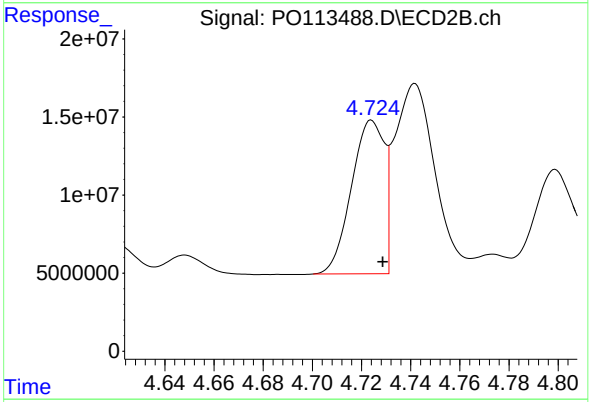
R.T.: 8.620 min
Delta R.T.: -0.008 min
Response: 104309802
Conc: 55.05 ng/ml



#3 AR-1016-1

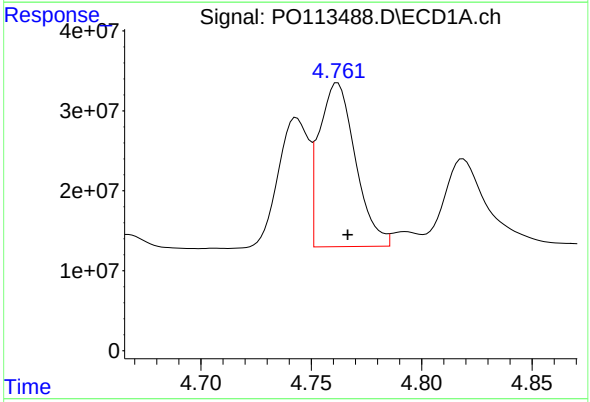
R.T.: 4.743 min
Delta R.T.: -0.005 min
Response: 154941892
Conc: 580.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



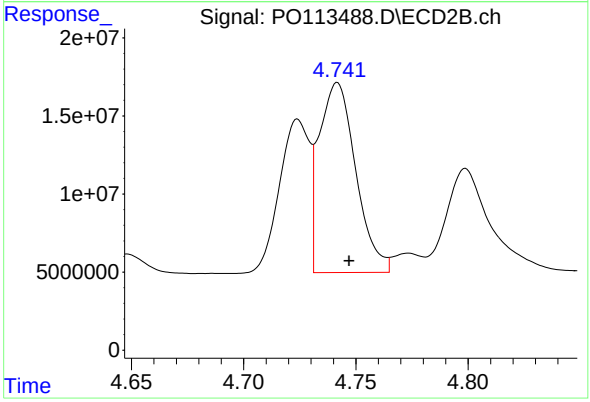
#3 AR-1016-1

R.T.: 4.724 min
Delta R.T.: -0.005 min
Response: 91398360
Conc: 535.83 ng/ml



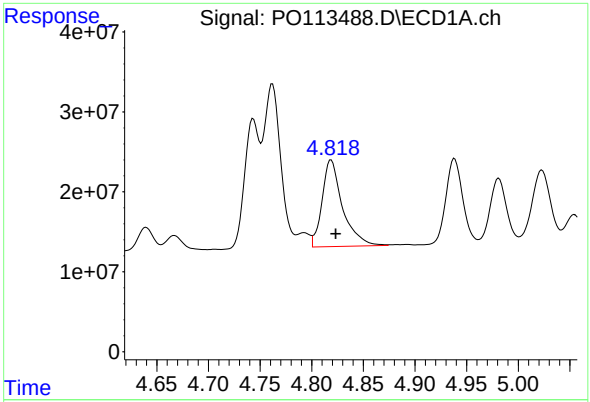
#4 AR-1016-2

R.T.: 4.762 min
Delta R.T.: -0.005 min
Response: 234528062
Conc: 584.23 ng/ml



#4 AR-1016-2

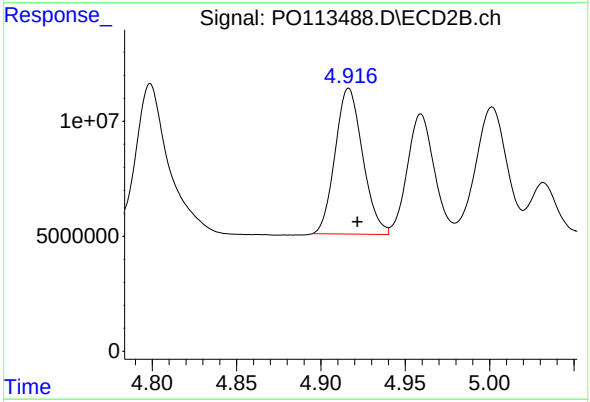
R.T.: 4.742 min
Delta R.T.: -0.005 min
Response: 138563804
Conc: 537.79 ng/ml



#5 AR-1016-3

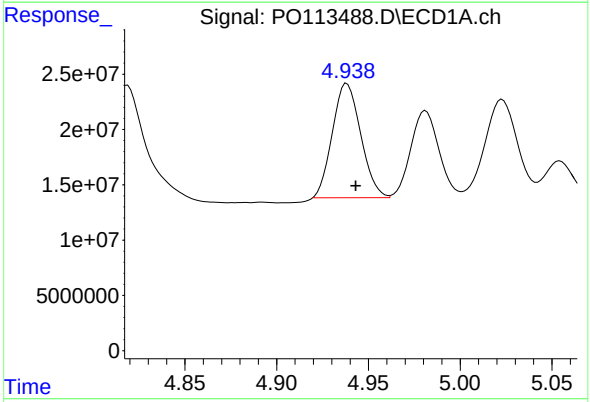
R.T.: 4.819 min
Delta R.T.: -0.005 min
Response: 149610583
Conc: 586.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



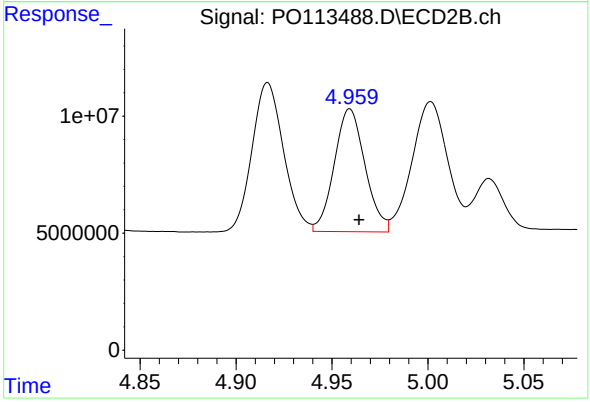
#5 AR-1016-3

R.T.: 4.916 min
Delta R.T.: -0.005 min
Response: 72079309
Conc: 516.27 ng/ml



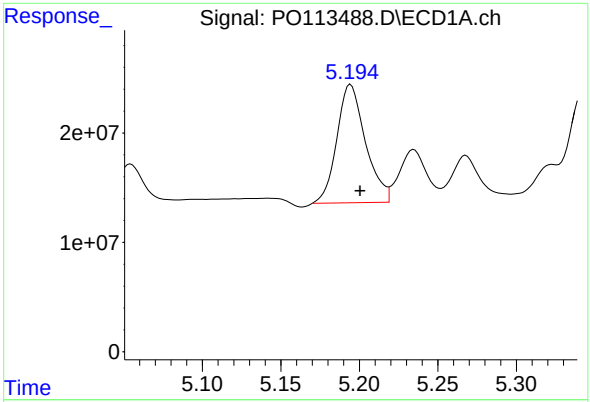
#6 AR-1016-4

R.T.: 4.938 min
Delta R.T.: -0.005 min
Response: 111248580
Conc: 510.16 ng/ml



#6 AR-1016-4

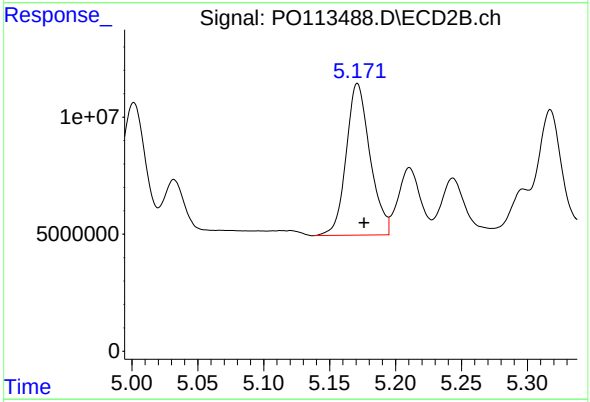
R.T.: 4.959 min
Delta R.T.: -0.005 min
Response: 58697905
Conc: 502.99 ng/ml



#7 AR-1016-5

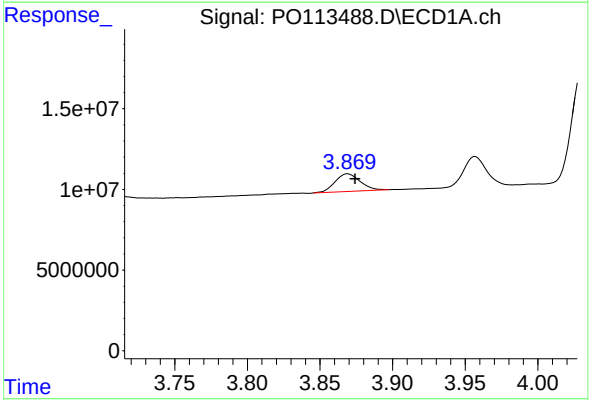
R.T.: 5.194 min
Delta R.T.: -0.006 min
Response: 137341234
Conc: 619.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



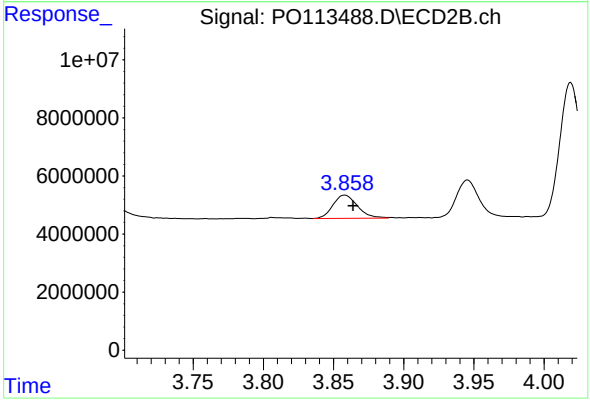
#7 AR-1016-5

R.T.: 5.171 min
Delta R.T.: -0.005 min
Response: 81701737
Conc: 573.22 ng/ml



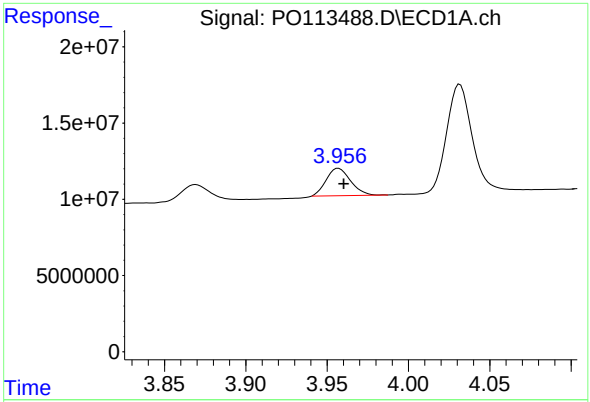
#8 AR-1221-1

R.T.: 3.869 min
Delta R.T.: -0.005 min
Response: 13143669
Conc: 140.46 ng/ml



#8 AR-1221-1

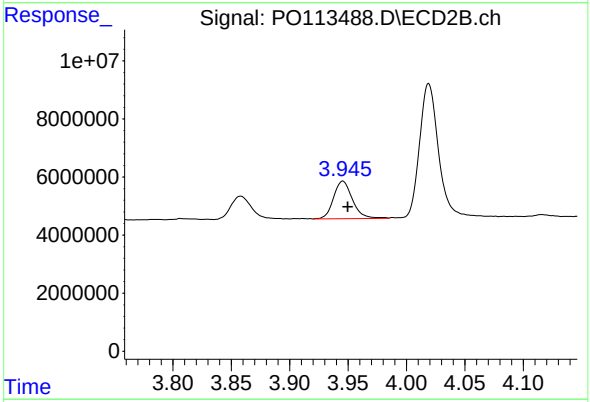
R.T.: 3.858 min
Delta R.T.: -0.006 min
Response: 9774247
Conc: 154.85 ng/ml



#9 AR-1221-2

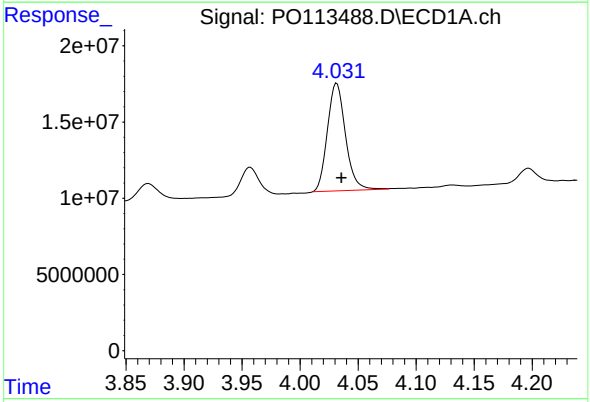
R.T.: 3.957 min
Delta R.T.: -0.003 min
Response: 18796779
Conc: 278.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



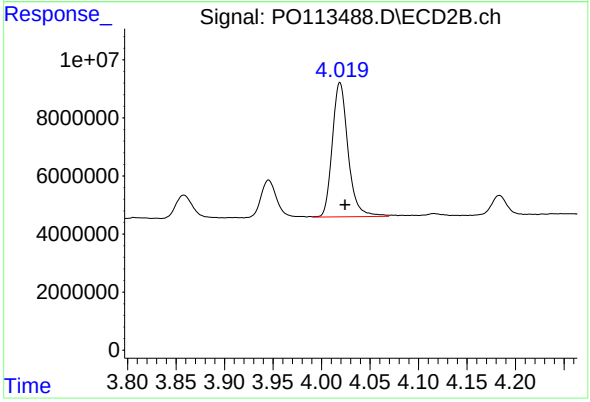
#9 AR-1221-2

R.T.: 3.945 min
Delta R.T.: -0.004 min
Response: 14556081
Conc: 311.87 ng/ml



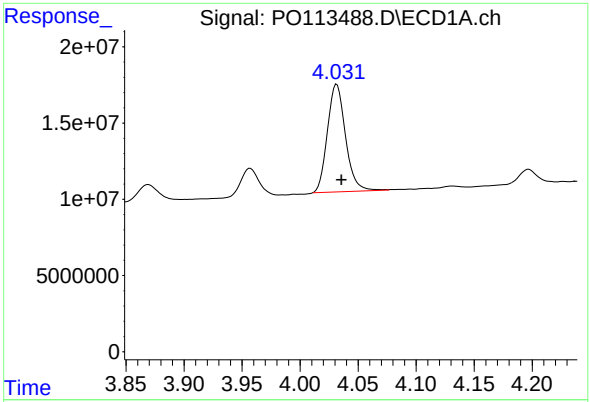
#10 AR-1221-3

R.T.: 4.032 min
Delta R.T.: -0.004 min
Response: 76572061
Conc: 345.93 ng/ml



#10 AR-1221-3

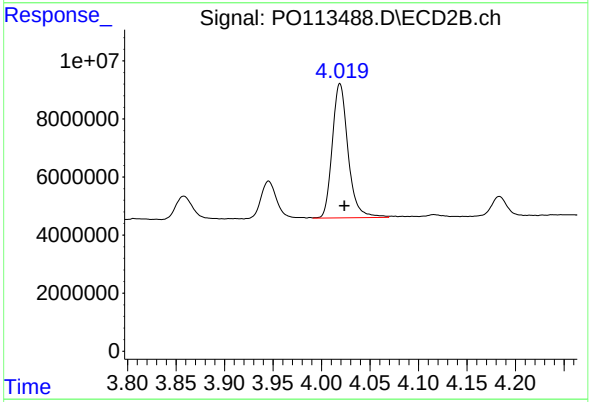
R.T.: 4.019 min
Delta R.T.: -0.005 min
Response: 52453169
Conc: 353.28 ng/ml



#11 AR-1232-1

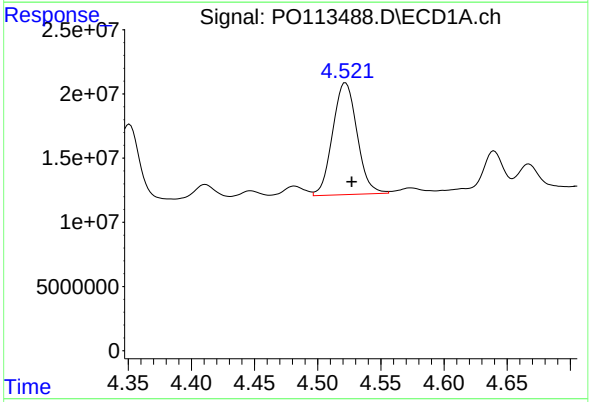
R.T.: 4.032 min
Delta R.T.: -0.004 min
Response: 76572061
Conc: 440.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



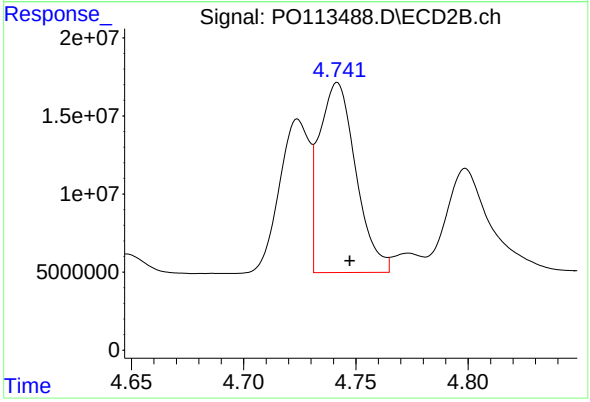
#11 AR-1232-1

R.T.: 4.019 min
Delta R.T.: -0.005 min
Response: 52453169
Conc: 446.78 ng/ml



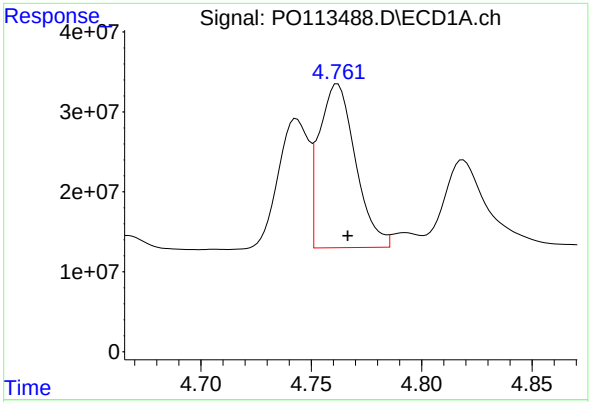
#12 AR-1232-2

R.T.: 4.522 min
Delta R.T.: -0.005 min
Response: 117331692
Conc: 1175.05 ng/ml



#12 AR-1232-2

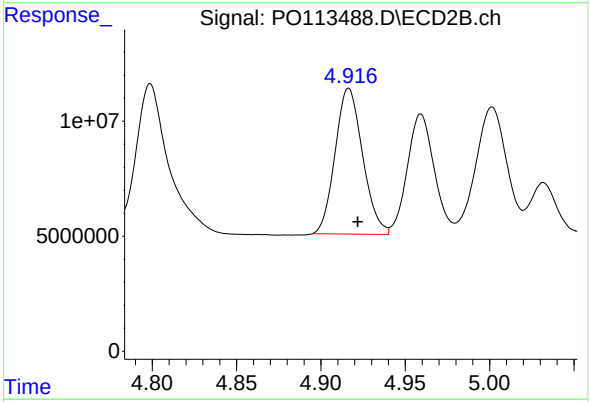
R.T.: 4.742 min
Delta R.T.: -0.006 min
Response: 138563804
Conc: 1130.72 ng/ml



#13 AR-1232-3

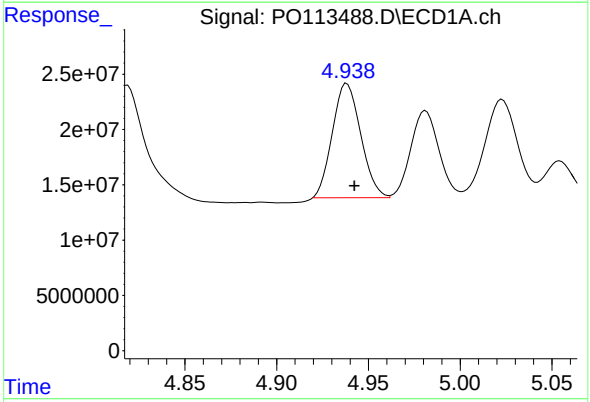
R.T.: 4.762 min
Delta R.T.: -0.005 min
Response: 234528062
Conc: 1237.78 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



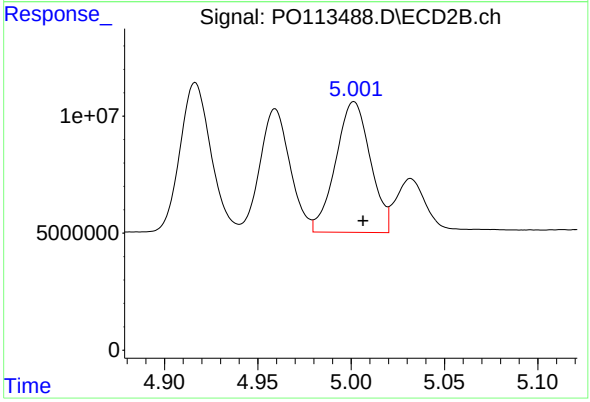
#13 AR-1232-3

R.T.: 4.916 min
Delta R.T.: -0.005 min
Response: 72079309
Conc: 1137.87 ng/ml



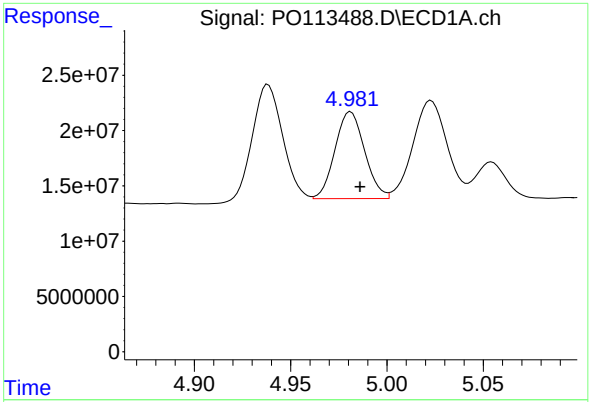
#14 AR-1232-4

R.T.: 4.938 min
Delta R.T.: -0.004 min
Response: 111248580
Conc: 1181.36 ng/ml



#14 AR-1232-4

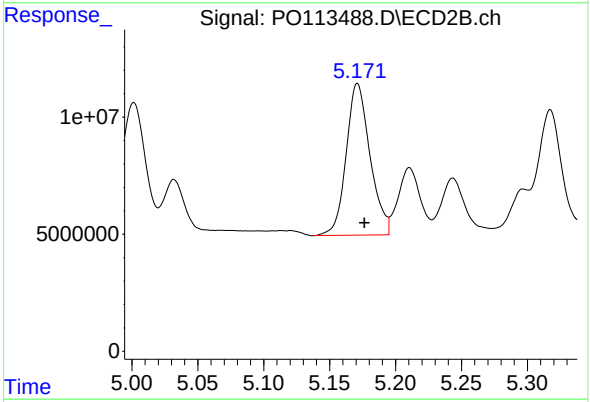
R.T.: 5.002 min
Delta R.T.: -0.005 min
Response: 72247067
Conc: 1285.05 ng/ml



#15 AR-1232-5

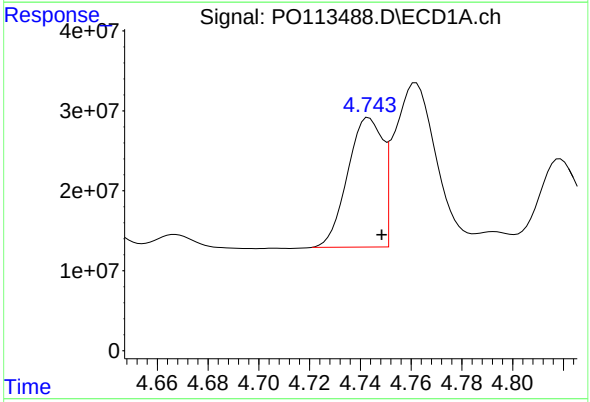
R.T.: 4.981 min
Delta R.T.: -0.005 min
Response: 84125902
Conc: 1358.12 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



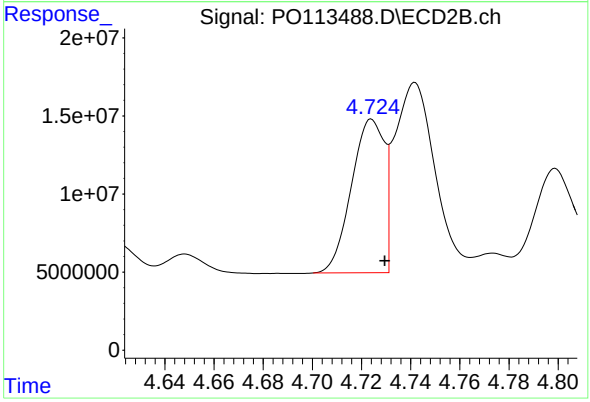
#15 AR-1232-5

R.T.: 5.171 min
Delta R.T.: -0.005 min
Response: 81701737
Conc: 1364.80 ng/ml



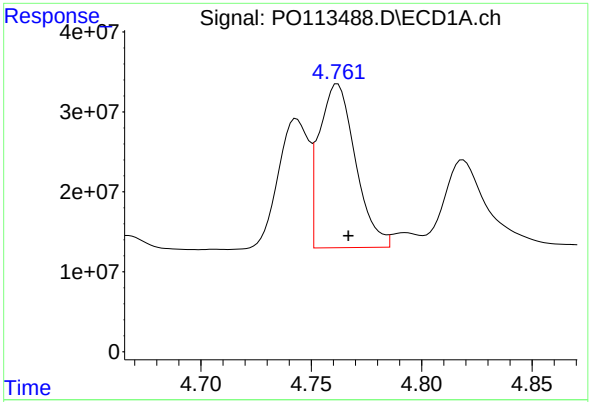
#16 AR-1242-1

R.T.: 4.743 min
Delta R.T.: -0.005 min
Response: 154941892
Conc: 673.86 ng/ml



#16 AR-1242-1

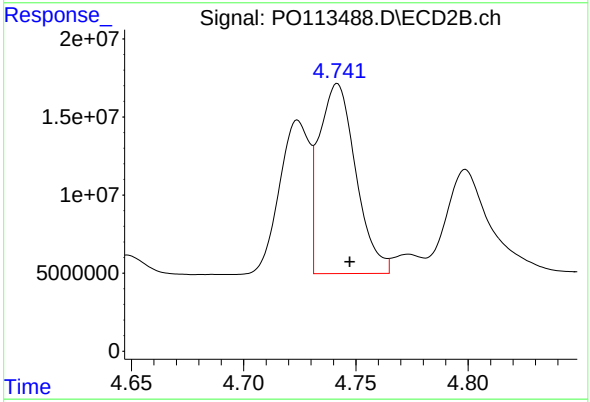
R.T.: 4.724 min
Delta R.T.: -0.005 min
Response: 91398360
Conc: 632.50 ng/ml



#17 AR-1242-2

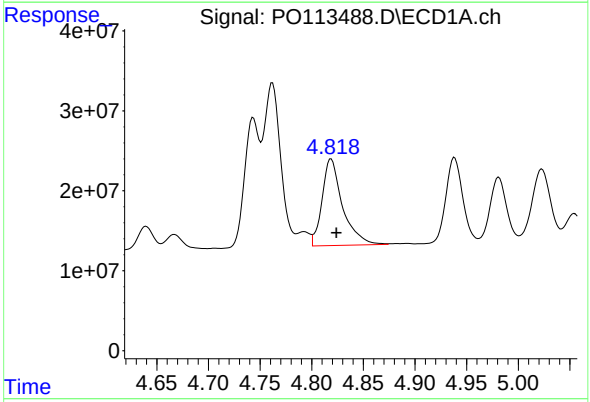
R.T.: 4.762 min
Delta R.T.: -0.005 min
Response: 234528062
Conc: 682.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



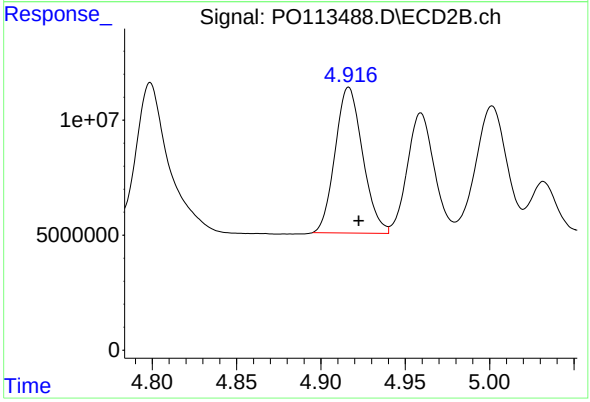
#17 AR-1242-2

R.T.: 4.742 min
Delta R.T.: -0.006 min
Response: 138563804
Conc: 638.80 ng/ml



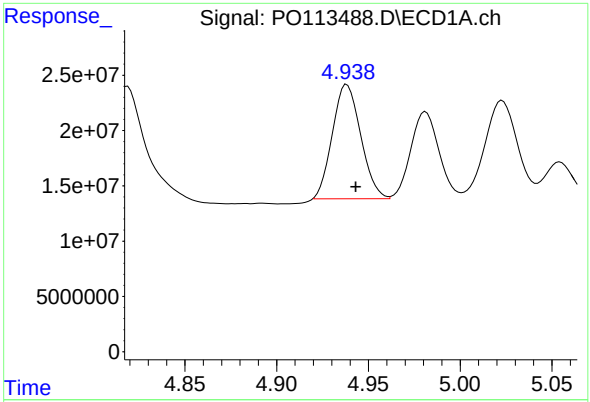
#18 AR-1242-3

R.T.: 4.819 min
Delta R.T.: -0.005 min
Response: 149610583
Conc: 674.27 ng/ml



#18 AR-1242-3

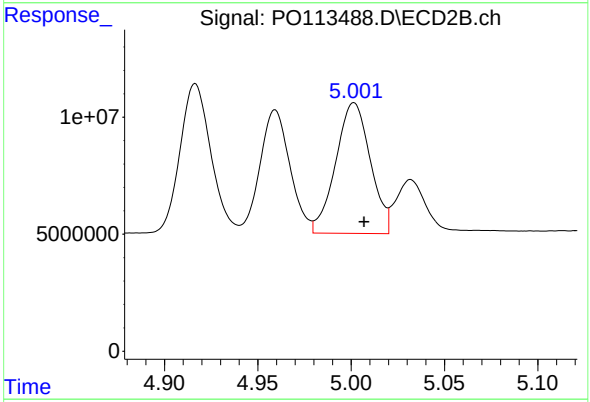
R.T.: 4.916 min
Delta R.T.: -0.006 min
Response: 72079309
Conc: 616.25 ng/ml



#19 AR-1242-4

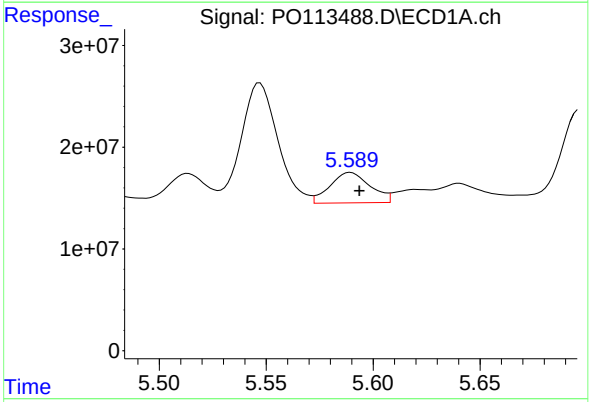
R.T.: 4.938 min
Delta R.T.: -0.005 min
Response: 111248580
Conc: 641.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



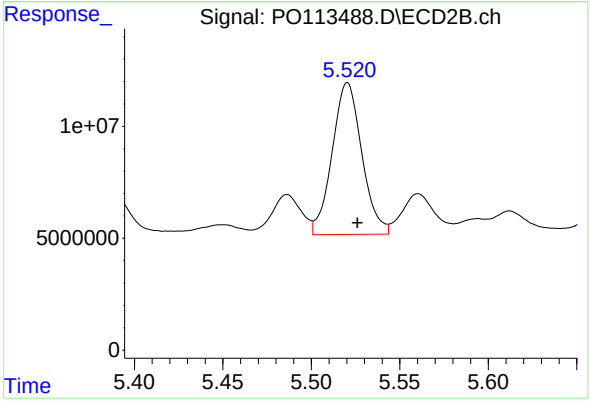
#19 AR-1242-4

R.T.: 5.002 min
Delta R.T.: -0.005 min
Response: 72247067
Conc: 614.15 ng/ml



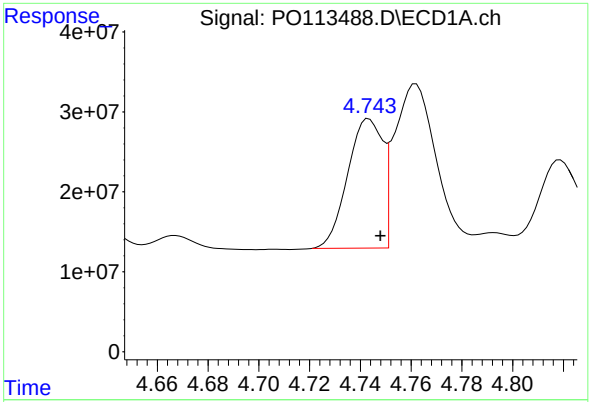
#20 AR-1242-5

R.T.: 5.589 min
Delta R.T.: -0.004 min
Response: 39193918
Conc: 195.81 ng/ml



#20 AR-1242-5

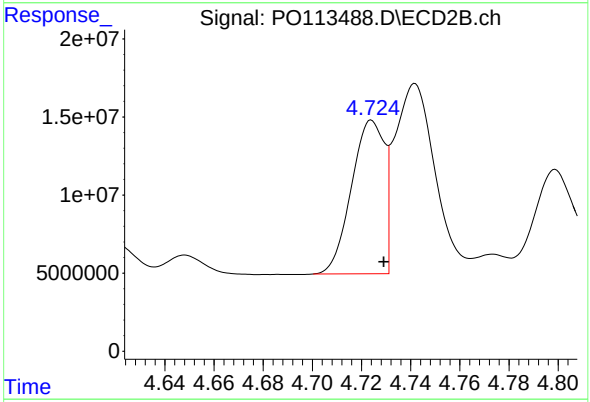
R.T.: 5.520 min
Delta R.T.: -0.006 min
Response: 79228517
Conc: 531.26 ng/ml



#21 AR-1248-1

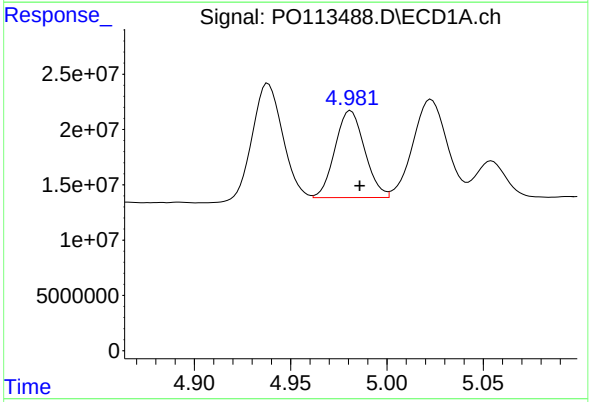
R.T.: 4.743 min
Delta R.T.: -0.005 min
Response: 154941892
Conc: 888.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



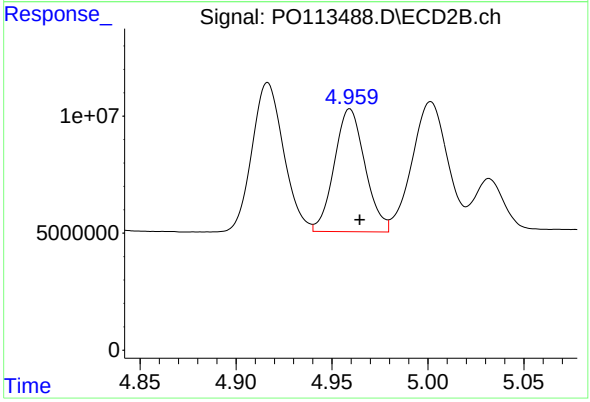
#21 AR-1248-1

R.T.: 4.724 min
Delta R.T.: -0.005 min
Response: 91398360
Conc: 819.63 ng/ml



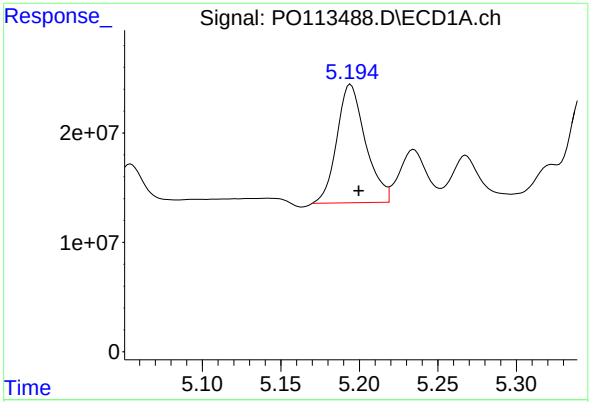
#22 AR-1248-2

R.T.: 4.981 min
Delta R.T.: -0.005 min
Response: 84125902
Conc: 347.82 ng/ml



#22 AR-1248-2

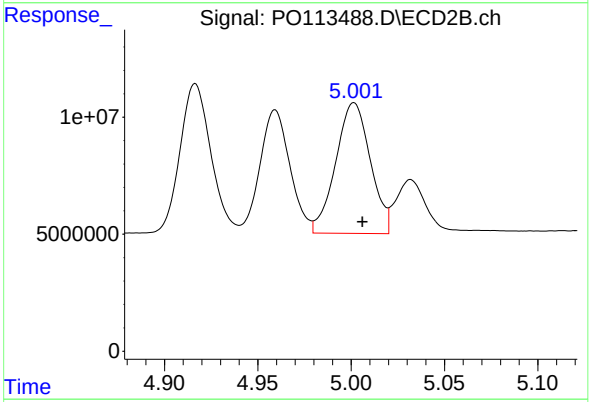
R.T.: 4.959 min
Delta R.T.: -0.005 min
Response: 58697905
Conc: 365.27 ng/ml



#23 AR-1248-3

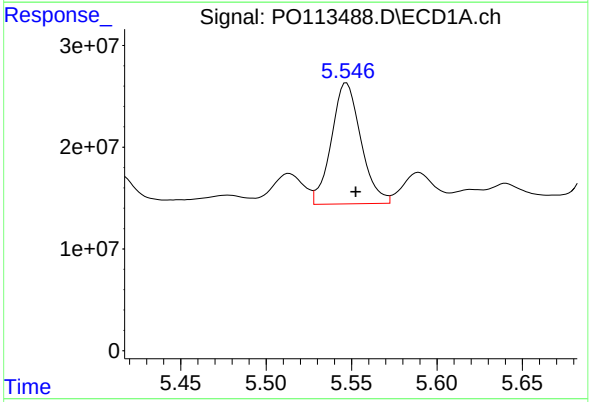
R.T.: 5.194 min
Delta R.T.: -0.005 min
Response: 137341234
Conc: 430.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



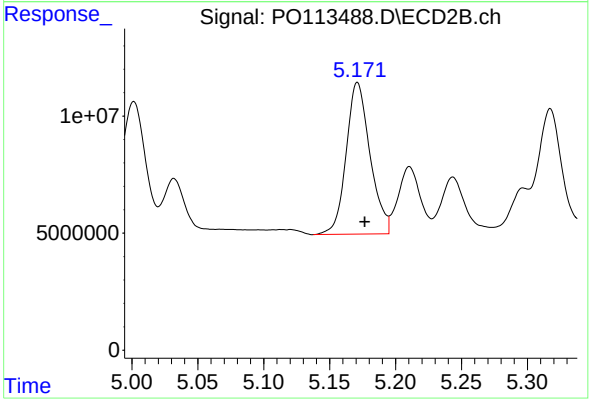
#23 AR-1248-3

R.T.: 5.002 min
Delta R.T.: -0.005 min
Response: 72247067
Conc: 425.83 ng/ml



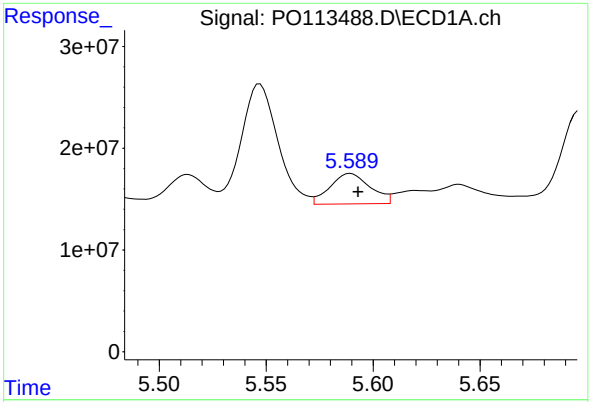
#24 AR-1248-4

R.T.: 5.547 min
Delta R.T.: -0.005 min
Response: 143033071
Conc: 286.29 ng/ml



#24 AR-1248-4

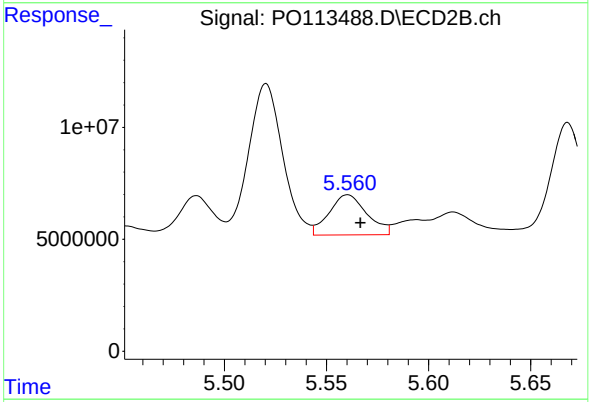
R.T.: 5.171 min
Delta R.T.: -0.005 min
Response: 81701737
Conc: 410.11 ng/ml



#25 AR-1248-5

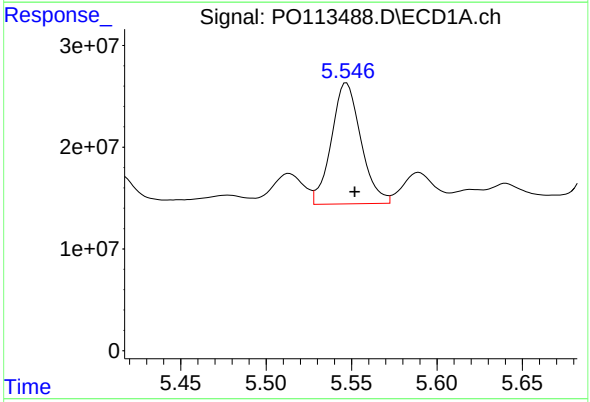
R.T.: 5.589 min
Delta R.T.: -0.004 min
Response: 39193918
Conc: 114.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



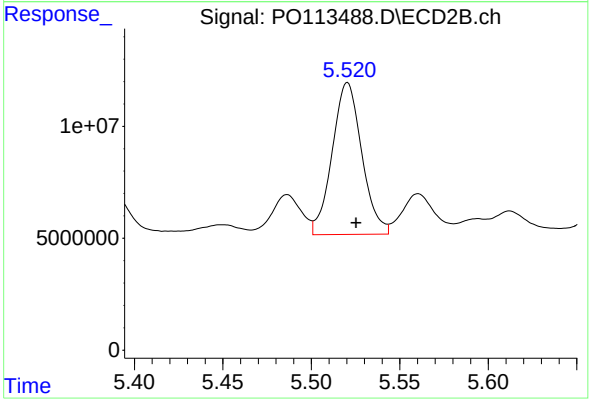
#25 AR-1248-5

R.T.: 5.560 min
Delta R.T.: -0.006 min
Response: 23189278
Conc: 109.23 ng/ml



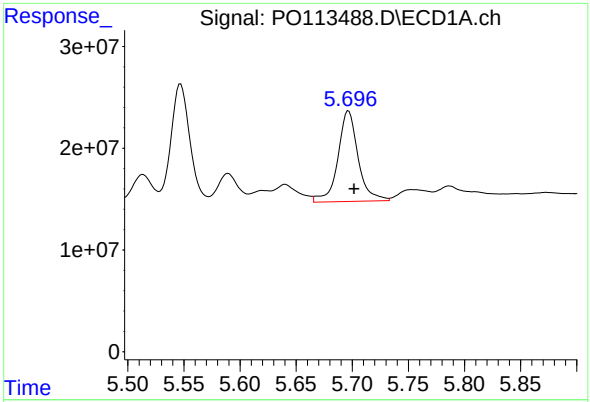
#26 AR-1254-1

R.T.: 5.547 min
Delta R.T.: -0.005 min
Response: 143033071
Conc: 264.89 ng/ml



#26 AR-1254-1

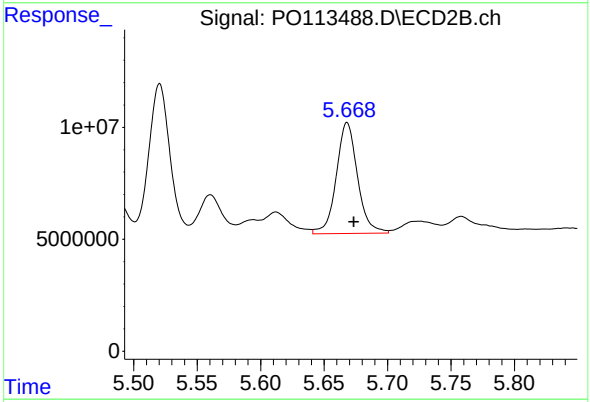
R.T.: 5.520 min
Delta R.T.: -0.005 min
Response: 79228517
Conc: 251.24 ng/ml



#27 AR-1254-2

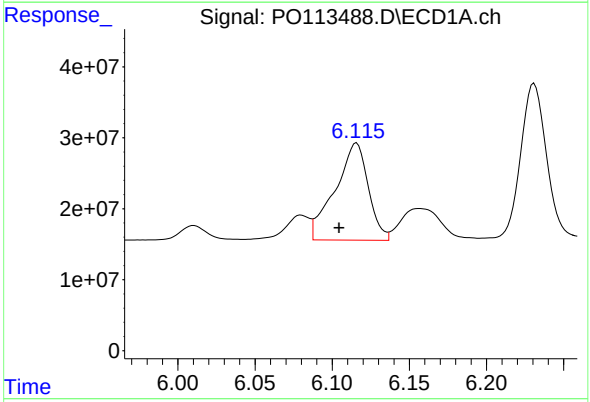
R.T.: 5.697 min
Delta R.T.: -0.005 min
Response: 111580452
Conc: 226.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



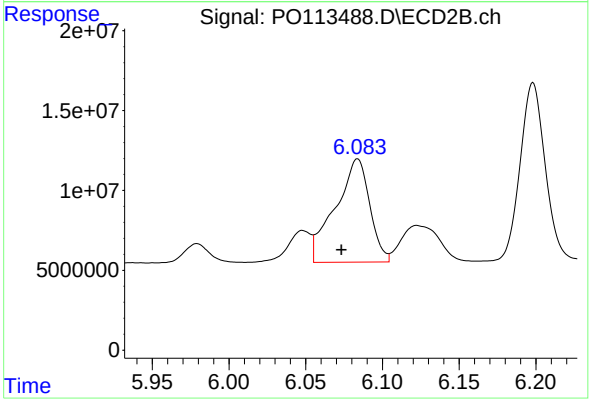
#27 AR-1254-2

R.T.: 5.668 min
Delta R.T.: -0.005 min
Response: 57793181
Conc: 206.15 ng/ml



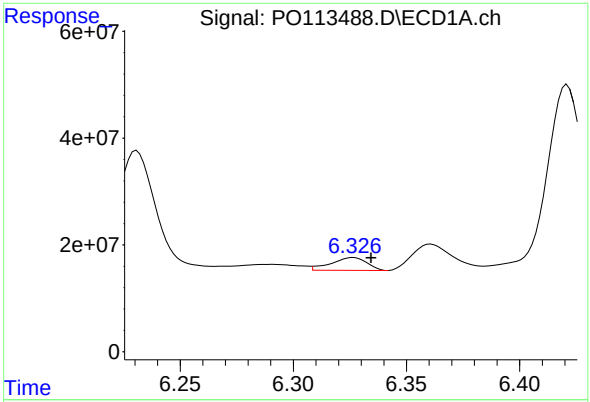
#28 AR-1254-3

R.T.: 6.116 min
Delta R.T.: 0.011 min
Response: 205579814
Conc: 278.23 ng/ml



#28 AR-1254-3

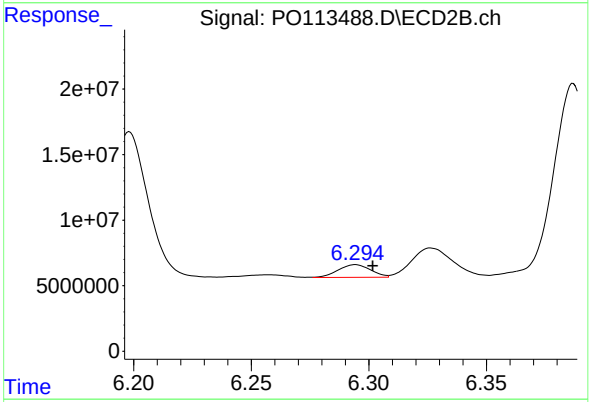
R.T.: 6.084 min
Delta R.T.: 0.011 min
Response: 101274923
Conc: 242.91 ng/ml



#29 AR-1254-4

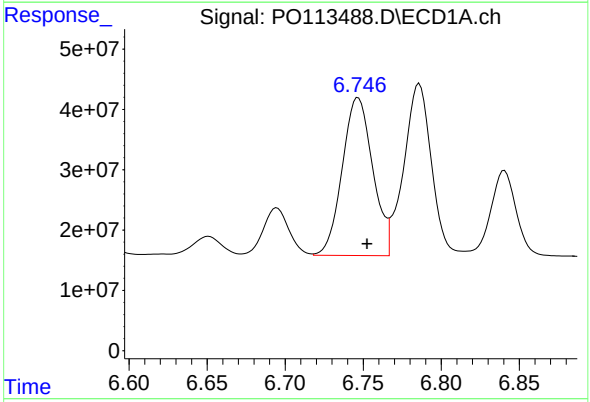
R.T.: 6.327 min
Delta R.T.: -0.008 min
Response: 26471822
Conc: 47.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



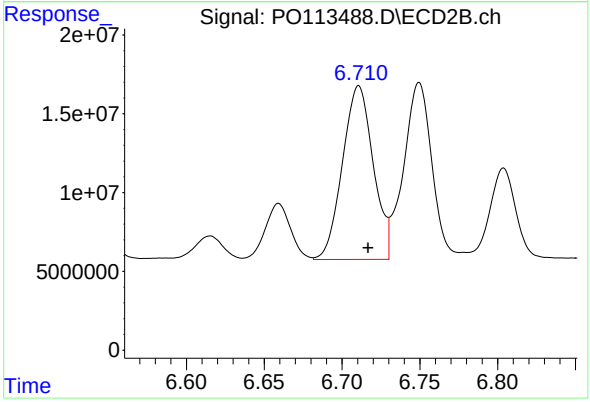
#29 AR-1254-4

R.T.: 6.294 min
Delta R.T.: -0.007 min
Response: 9349146
Conc: 34.02 ng/ml



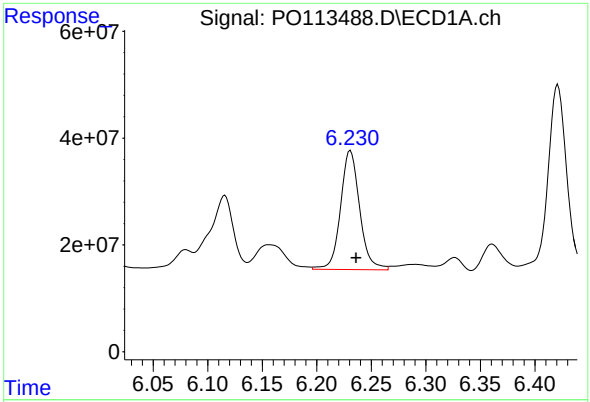
#30 AR-1254-5

R.T.: 6.747 min
Delta R.T.: -0.006 min
Response: 355764477
Conc: 507.53 ng/ml



#30 AR-1254-5

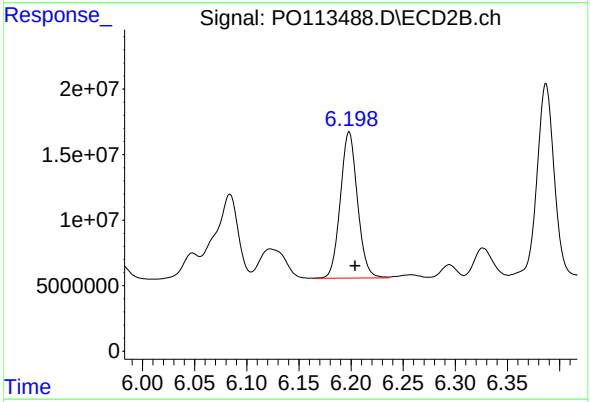
R.T.: 6.711 min
Delta R.T.: -0.006 min
Response: 151595034
Conc: 424.05 ng/ml



#31 AR-1260-1

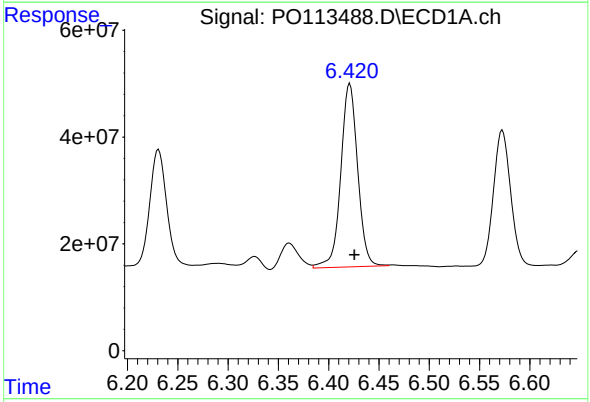
R.T.: 6.231 min
Delta R.T.: -0.005 min
Response: 271836550
Conc: 609.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



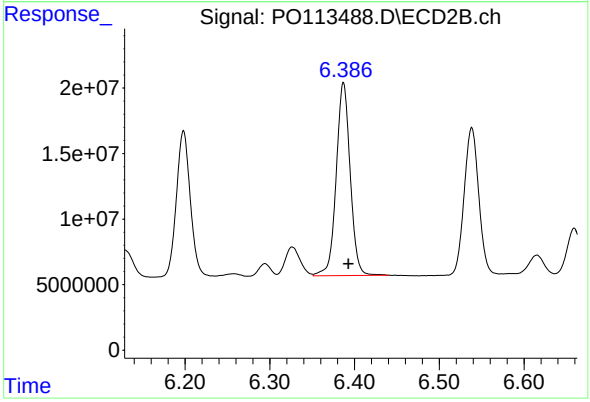
#31 AR-1260-1

R.T.: 6.198 min
Delta R.T.: -0.006 min
Response: 127701928
Conc: 500.66 ng/ml



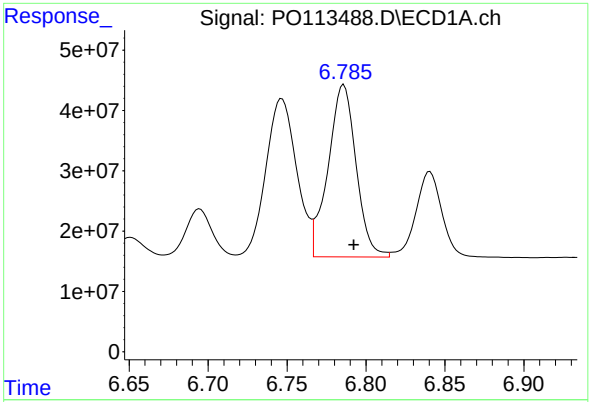
#32 AR-1260-2

R.T.: 6.421 min
Delta R.T.: -0.004 min
Response: 402073769
Conc: 585.50 ng/ml



#32 AR-1260-2

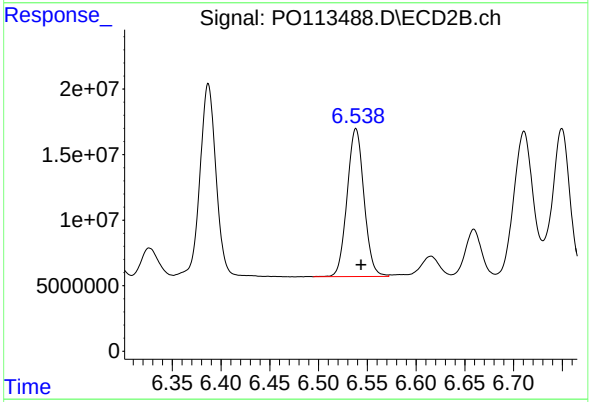
R.T.: 6.387 min
Delta R.T.: -0.006 min
Response: 168982802
Conc: 488.80 ng/ml



#33 AR-1260-3

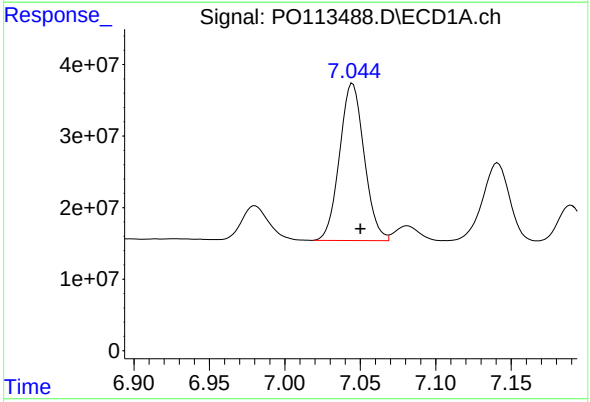
R.T.: 6.786 min
Delta R.T.: -0.006 min
Response: 352326253
Conc: 570.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



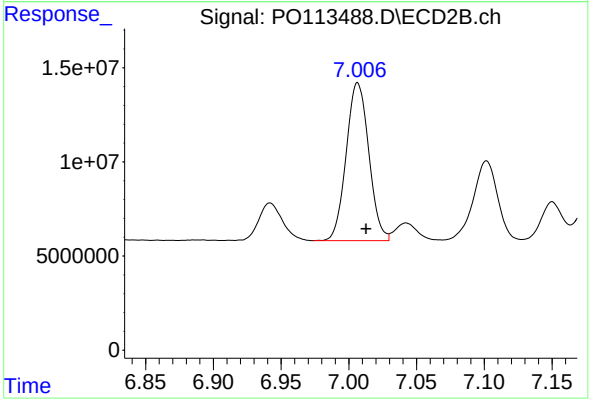
#33 AR-1260-3

R.T.: 6.538 min
Delta R.T.: -0.005 min
Response: 135841653
Conc: 456.71 ng/ml



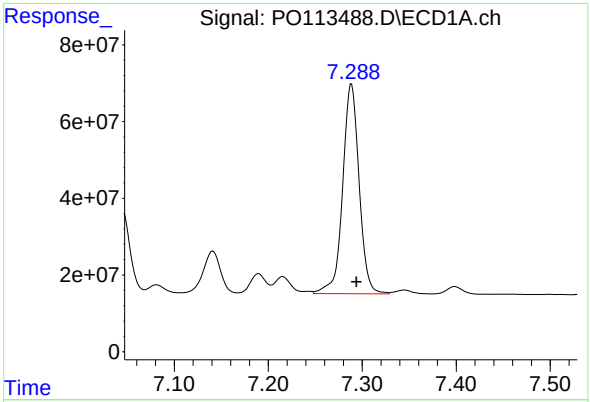
#34 AR-1260-4

R.T.: 7.045 min
Delta R.T.: -0.005 min
Response: 249594753
Conc: 557.29 ng/ml



#34 AR-1260-4

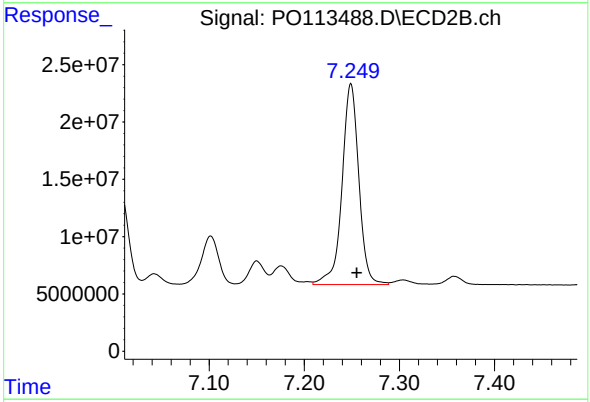
R.T.: 7.007 min
Delta R.T.: -0.006 min
Response: 97518612
Conc: 470.54 ng/ml



#35 AR-1260-5

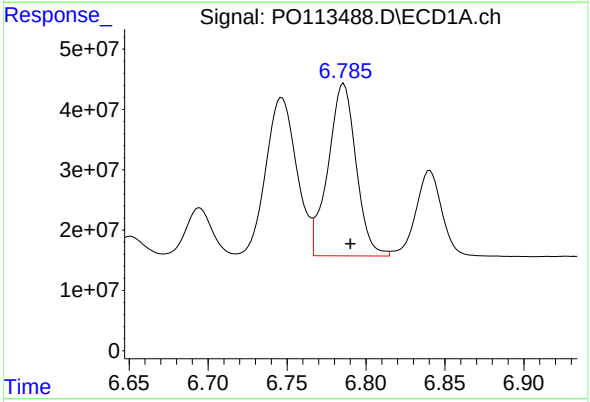
R.T.: 7.289 min
Delta R.T.: -0.005 min
Response: 665539939
Conc: 549.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



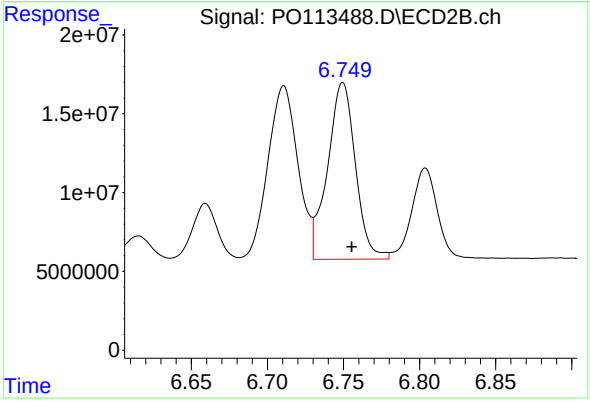
#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.006 min
Response: 215144999
Conc: 459.29 ng/ml



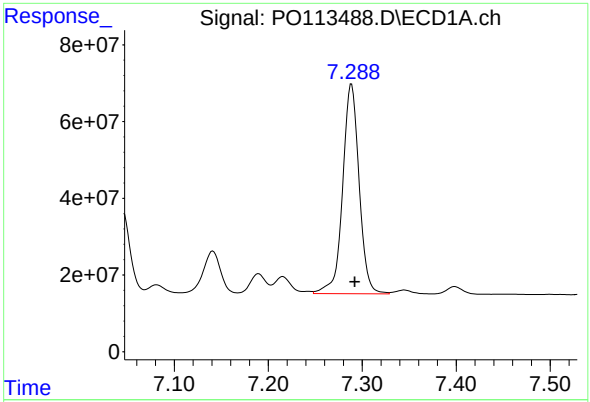
#36 AR-1262-1

R.T.: 6.786 min
Delta R.T.: -0.004 min
Response: 352326253
Conc: 384.74 ng/ml



#36 AR-1262-1

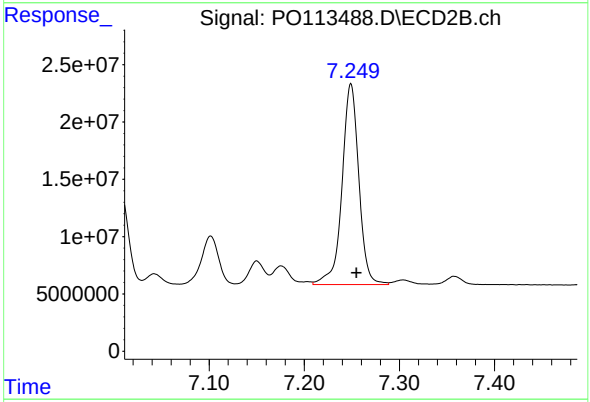
R.T.: 6.750 min
Delta R.T.: -0.006 min
Response: 142911645
Conc: 344.69 ng/ml



#37 AR-1262-2

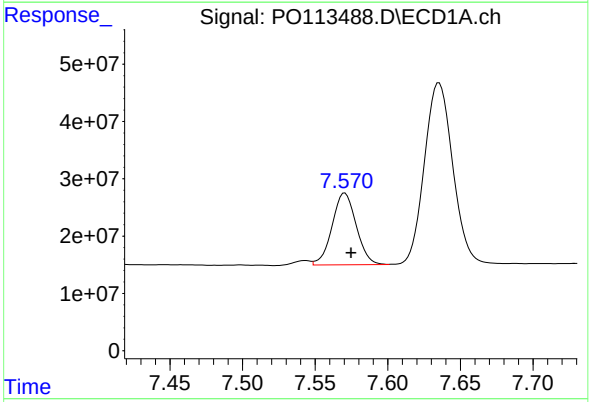
R.T.: 7.289 min
Delta R.T.: -0.004 min
Response: 665539939
Conc: 440.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



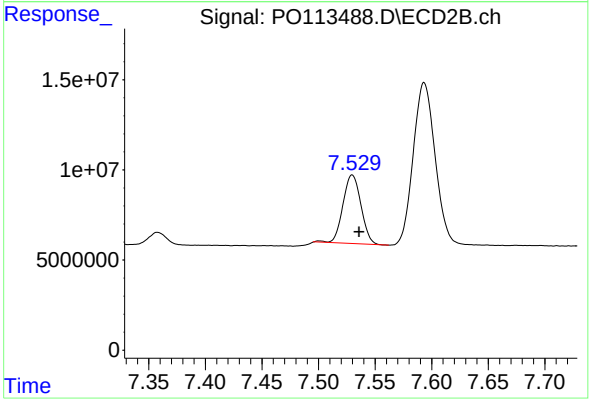
#37 AR-1262-2

R.T.: 7.249 min
Delta R.T.: -0.006 min
Response: 215144999
Conc: 415.60 ng/ml



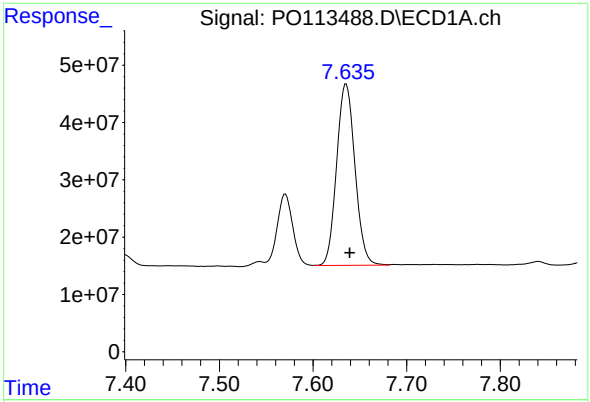
#38 AR-1262-3

R.T.: 7.570 min
Delta R.T.: -0.004 min
Response: 145005917
Conc: 261.69 ng/ml



#38 AR-1262-3

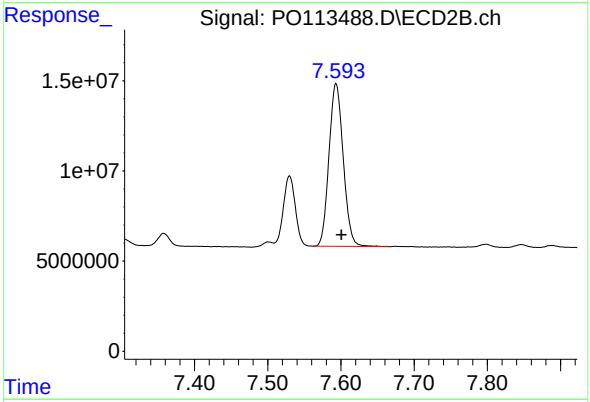
R.T.: 7.530 min
Delta R.T.: -0.006 min
Response: 42080264
Conc: 234.31 ng/ml



#39 AR-1262-4

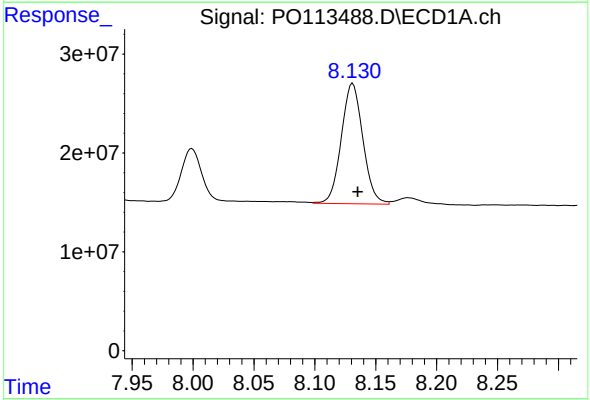
R.T.: 7.635 min
Delta R.T.: -0.004 min
Response: 430850472
Conc: 440.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



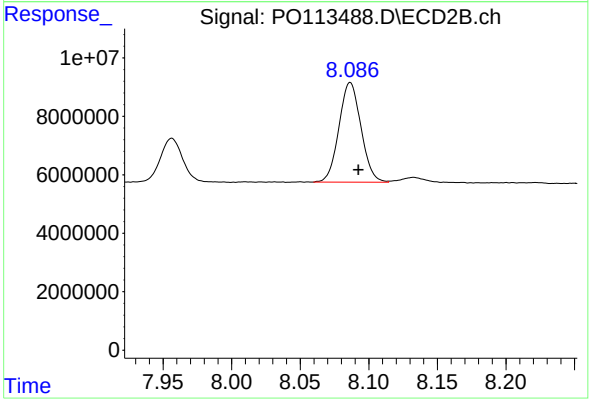
#39 AR-1262-4

R.T.: 7.593 min
Delta R.T.: -0.007 min
Response: 122139566
Conc: 421.31 ng/ml



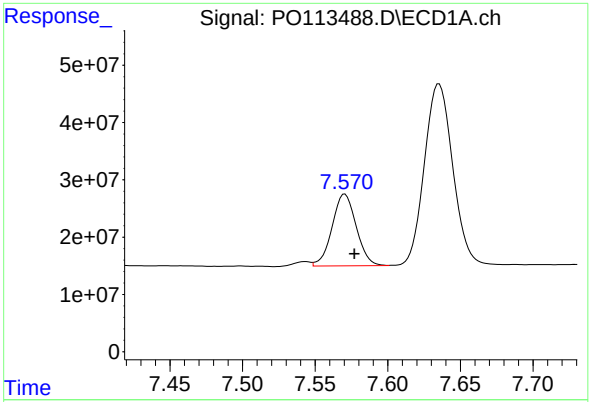
#40 AR-1262-5

R.T.: 8.131 min
Delta R.T.: -0.004 min
Response: 150082517
Conc: 360.02 ng/ml



#40 AR-1262-5

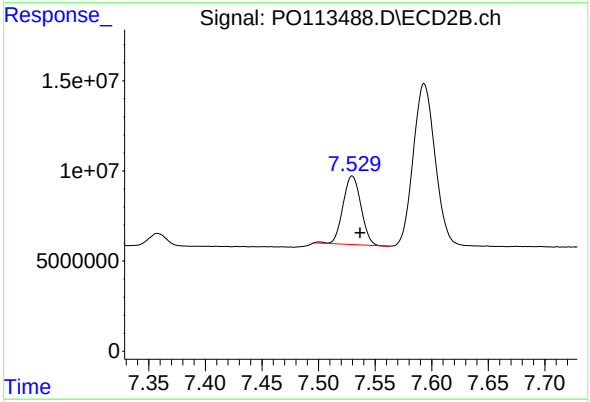
R.T.: 8.086 min
Delta R.T.: -0.006 min
Response: 38146404
Conc: 352.13 ng/ml



#41 AR-1268-1

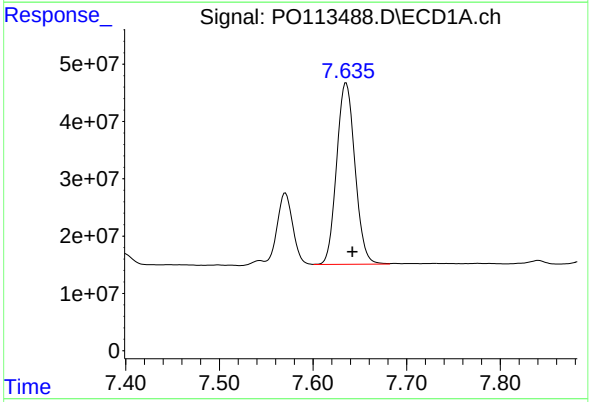
R.T.: 7.570 min
Delta R.T.: -0.006 min
Response: 145005917
Conc: 84.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



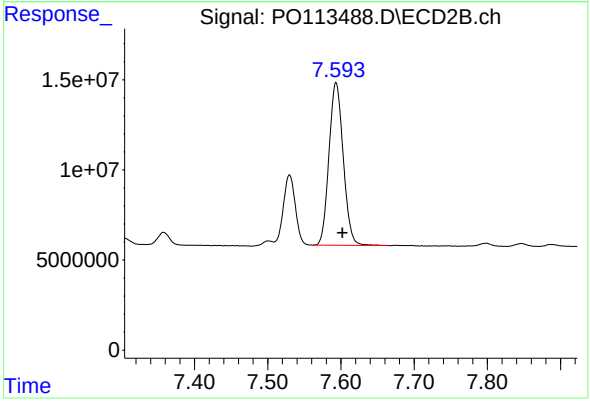
#41 AR-1268-1

R.T.: 7.530 min
Delta R.T.: -0.007 min
Response: 42080264
Conc: 82.60 ng/ml



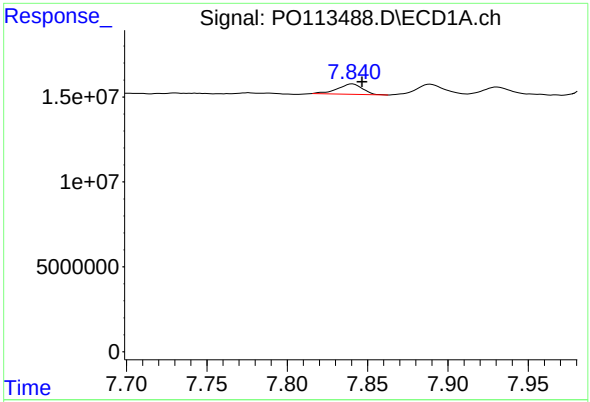
#42 AR-1268-2

R.T.: 7.635 min
Delta R.T.: -0.007 min
Response: 430850472
Conc: 297.52 ng/ml



#42 AR-1268-2

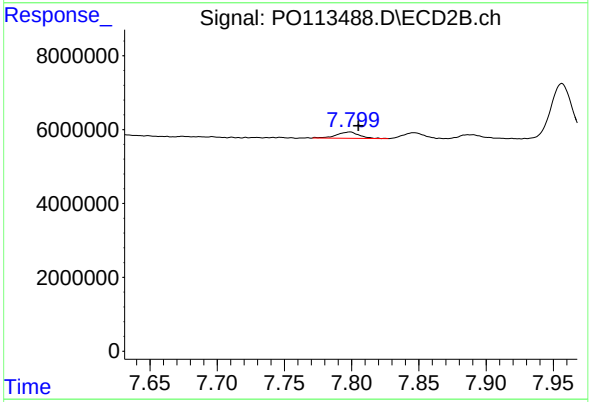
R.T.: 7.593 min
Delta R.T.: -0.009 min
Response: 122139566
Conc: 294.03 ng/ml



#43 AR-1268-3

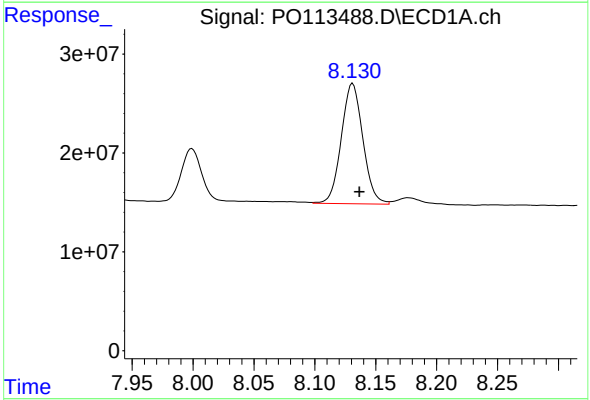
R.T.: 7.841 min
Delta R.T.: -0.006 min
Response: 6685982
Conc: 5.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



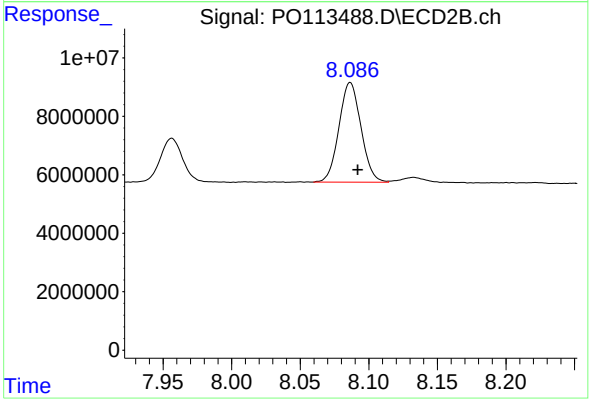
#43 AR-1268-3

R.T.: 7.799 min
Delta R.T.: -0.006 min
Response: 1944435
Conc: 5.96 ng/ml



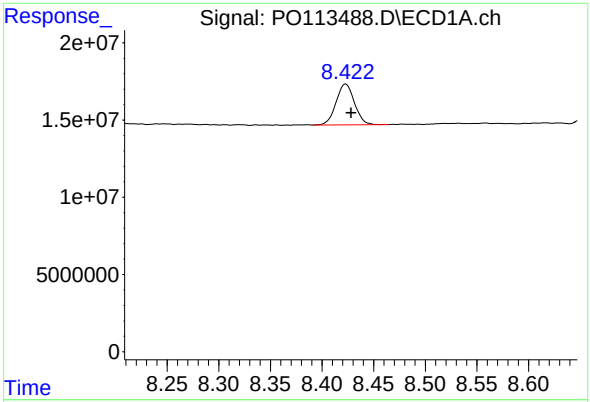
#44 AR-1268-4

R.T.: 8.131 min
Delta R.T.: -0.006 min
Response: 150082517
Conc: 325.80 ng/ml



#44 AR-1268-4

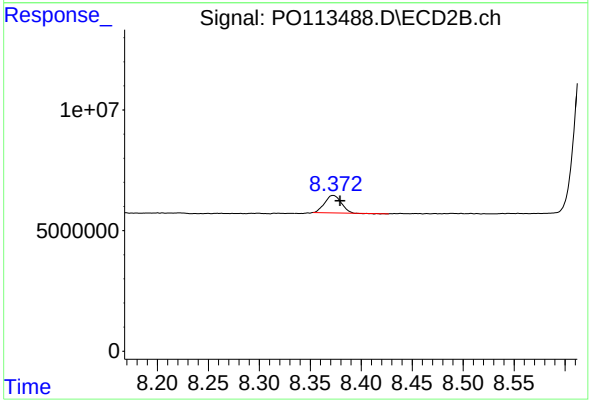
R.T.: 8.086 min
Delta R.T.: -0.005 min
Response: 38146404
Conc: 316.74 ng/ml



#45 AR-1268-5

R.T.: 8.423 min
Delta R.T.: -0.005 min
Response: 32682789
Conc: 10.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.372 min
Delta R.T.: -0.007 min
Response: 8118752
Conc: 10.40 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074495.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:07
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: Aug 19 11:23:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.657	3.801	7024957	19122429	5.741	3.955	#
2)	SA Decachlor...	10.436	8.818	5509179	34572334	5.579	4.610	
	Target Compounds							
3)	L1 AR-1016-1	5.809	4.902	2665466	25477095	60.816	50.018	
4)	L1 AR-1016-2	5.831	4.960	4003808	10729046	63.369	45.077	#
5)	L1 AR-1016-3	5.894	5.081	3406314	7029920	75.223	50.977	#
6)	L1 AR-1016-4	5.990	5.119	2521976	7240890	70.628	51.793	#
7)	L1 AR-1016-5	6.283	5.333	1827989	10255452	55.083	61.749	
31)	L7 AR-1260-1	7.401	6.364	3621398	18274802	62.644	48.704	
32)	L7 AR-1260-2	7.654	6.549	4330850	27742209	62.841	52.461	
33)	L7 AR-1260-3	8.011	6.704	3312808	26298630	64.365	65.936	
34)	L7 AR-1260-4	8.240	7.175	4425970	24770745	69.809	64.576	
35)	L7 AR-1260-5	8.564	7.413	6997672	47160390	62.472	47.814	

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

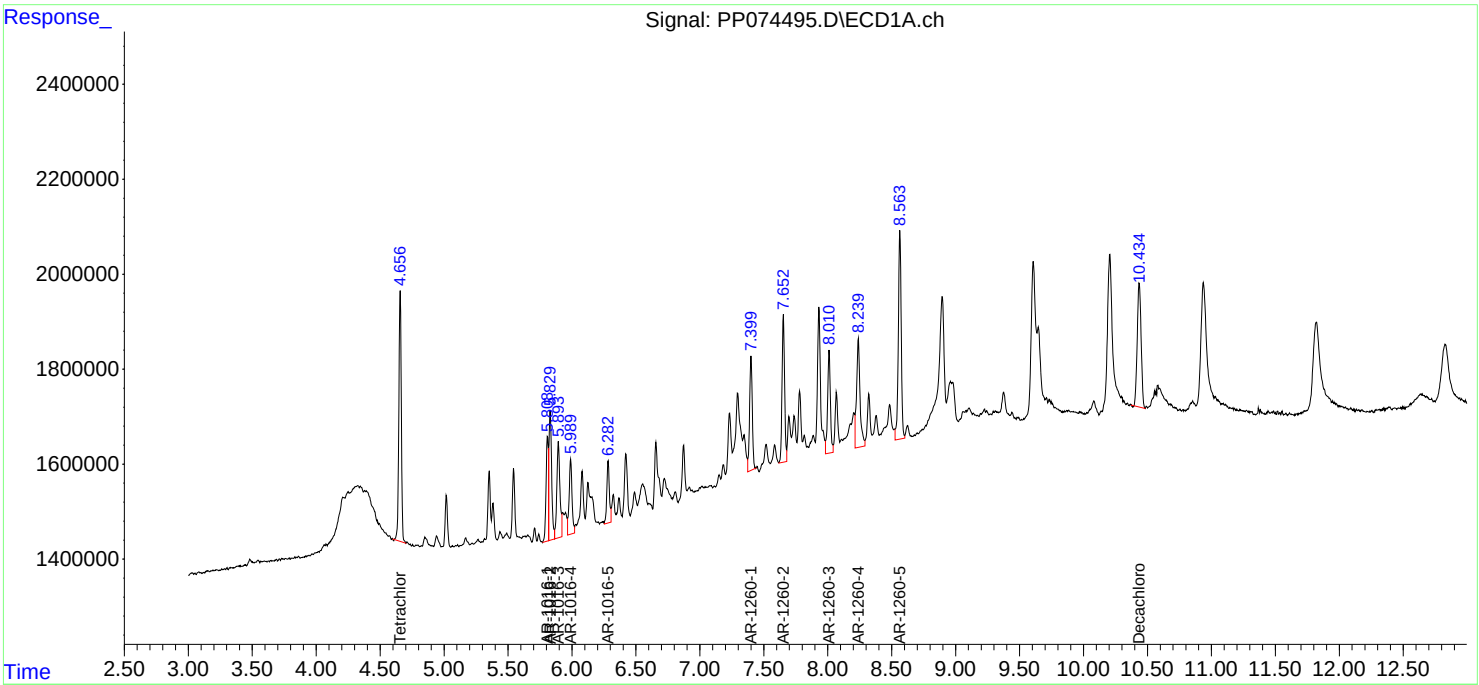
Quantitation Report (Not Reviewed)

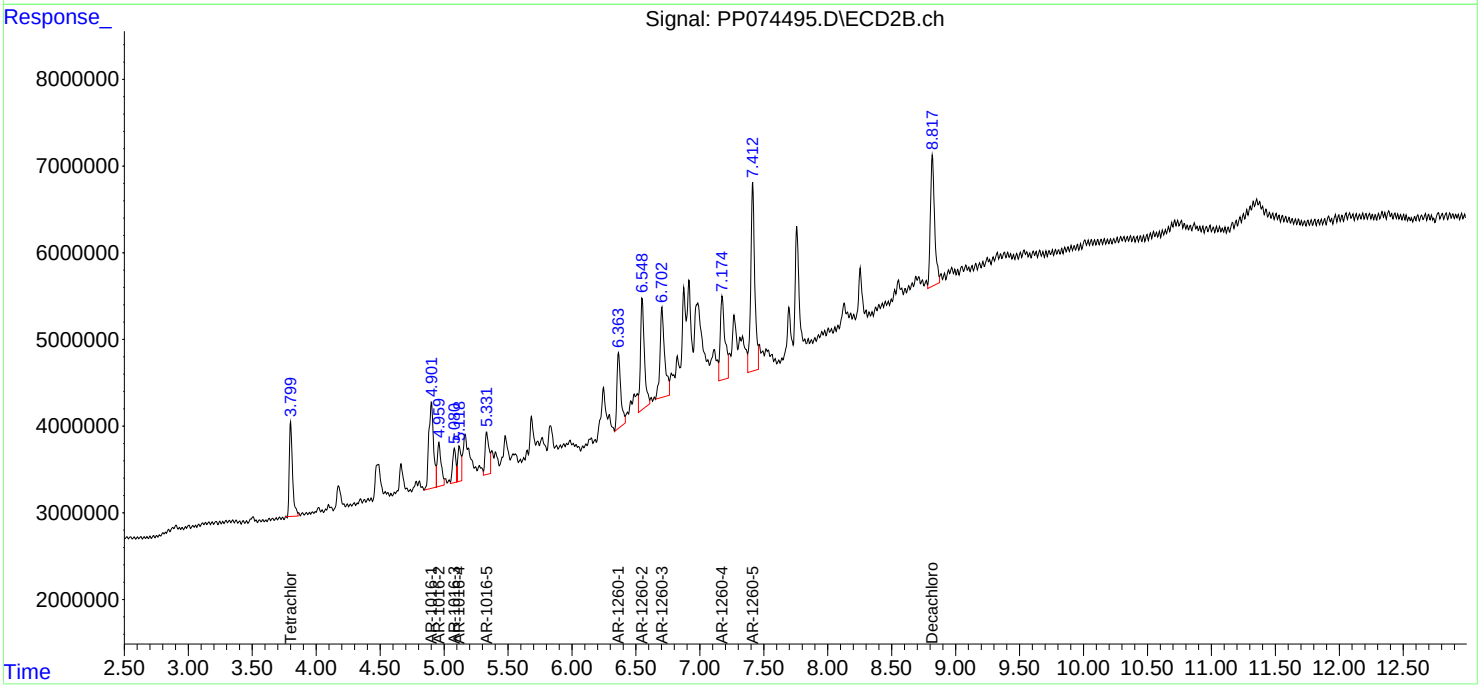
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074495.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:07
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

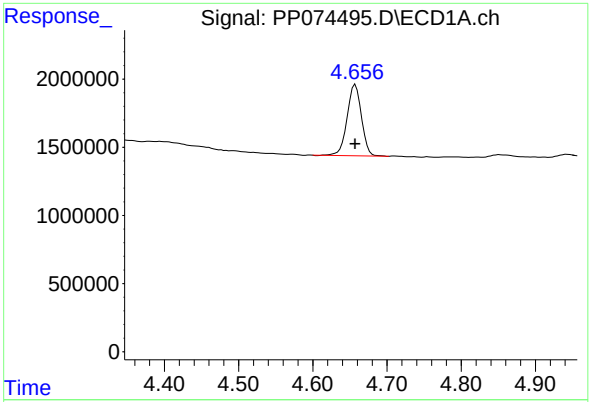
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 11:23:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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



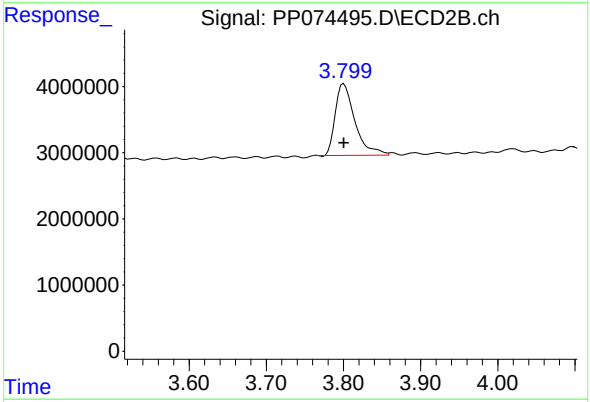




#1 Tetrachloro-m-xylene

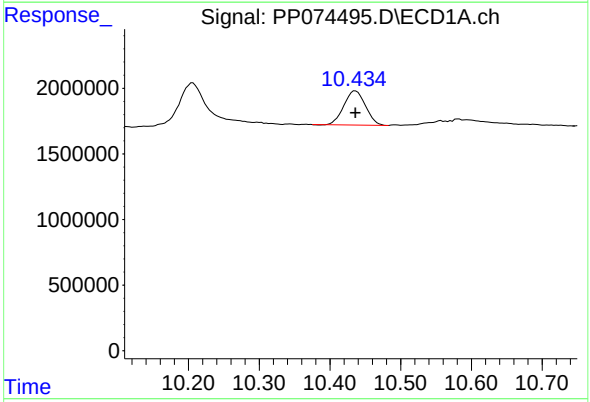
R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 7024957
Conc: 5.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



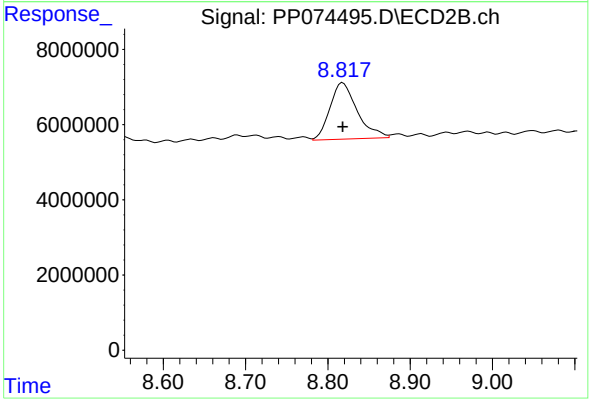
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 19122429
Conc: 3.95 ng/ml



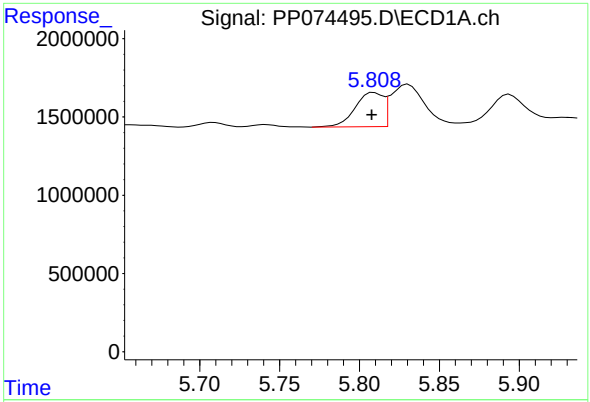
#2 Decachlorobiphenyl

R.T.: 10.436 min
Delta R.T.: 0.000 min
Response: 5509179
Conc: 5.58 ng/ml



#2 Decachlorobiphenyl

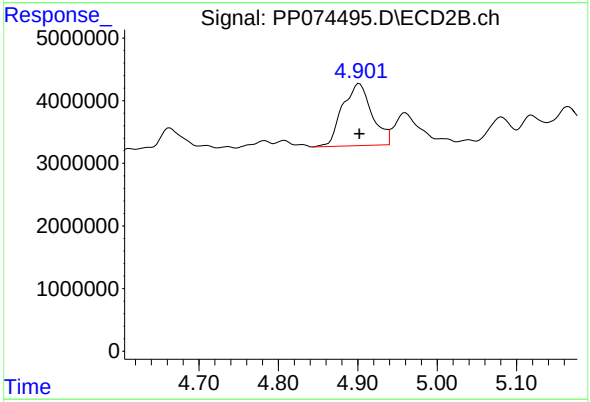
R.T.: 8.818 min
Delta R.T.: 0.000 min
Response: 34572334
Conc: 4.61 ng/ml



#3 AR-1016-1

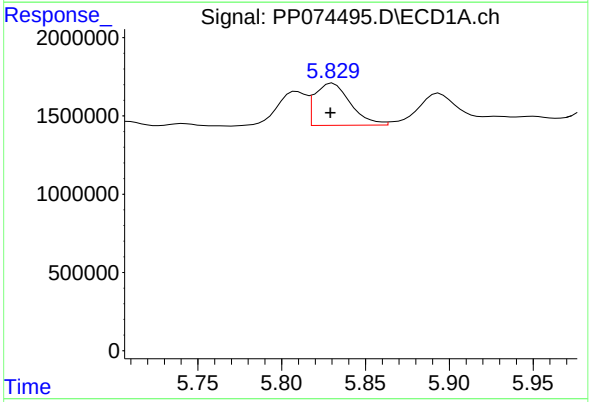
R.T.: 5.809 min
Delta R.T.: 0.001 min
Response: 2665466
Conc: 60.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



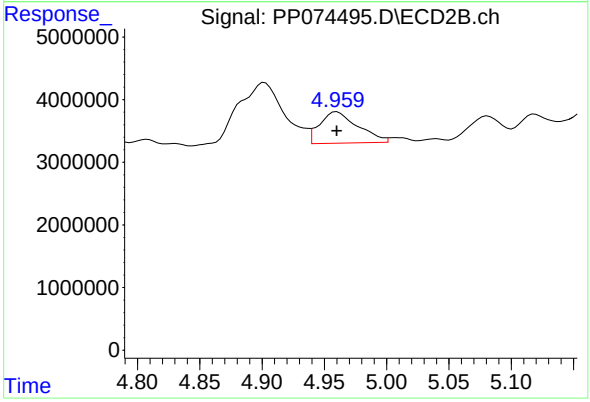
#3 AR-1016-1

R.T.: 4.902 min
Delta R.T.: 0.000 min
Response: 25477095
Conc: 50.02 ng/ml



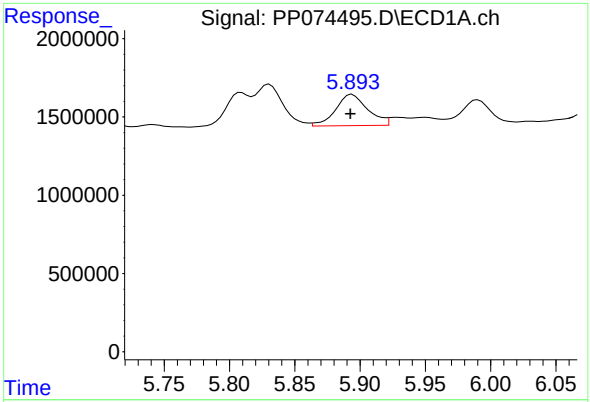
#4 AR-1016-2

R.T.: 5.831 min
Delta R.T.: 0.001 min
Response: 4003808
Conc: 63.37 ng/ml



#4 AR-1016-2

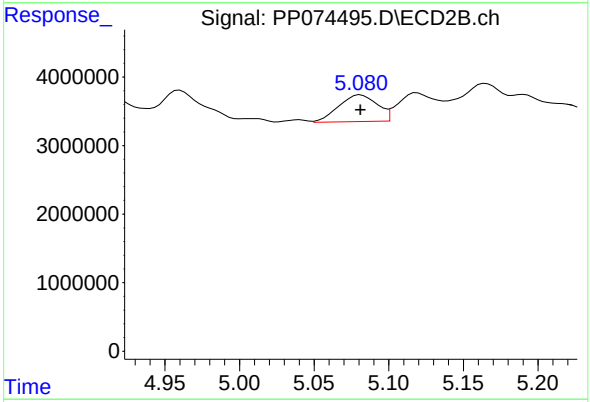
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 10729046
Conc: 45.08 ng/ml



#5 AR-1016-3

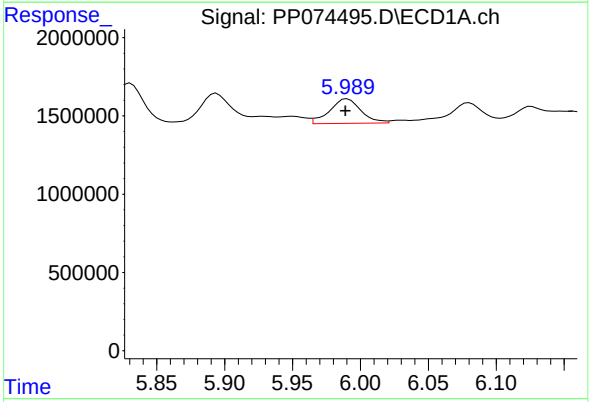
R.T.: 5.894 min
Delta R.T.: 0.001 min
Response: 3406314
Conc: 75.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



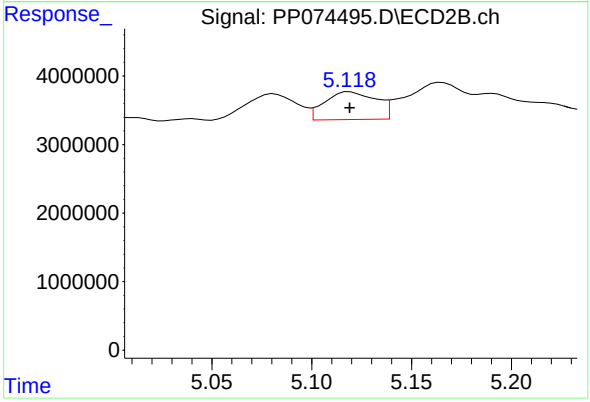
#5 AR-1016-3

R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 7029920
Conc: 50.98 ng/ml



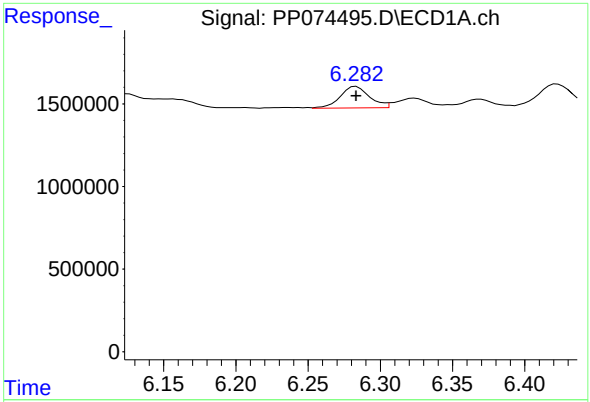
#6 AR-1016-4

R.T.: 5.990 min
Delta R.T.: 0.001 min
Response: 2521976
Conc: 70.63 ng/ml



#6 AR-1016-4

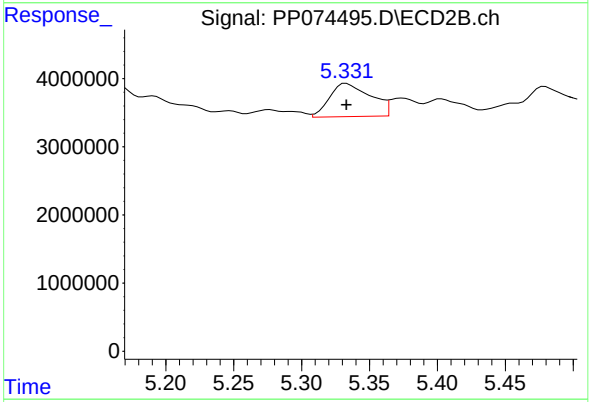
R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 7240890
Conc: 51.79 ng/ml



#7 AR-1016-5

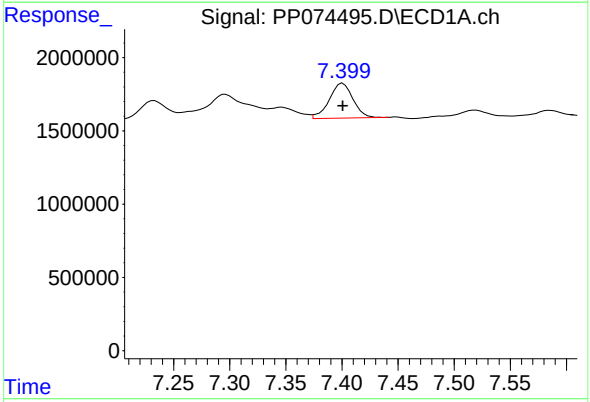
R.T.: 6.283 min
Delta R.T.: 0.000 min
Response: 1827989
Conc: 55.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



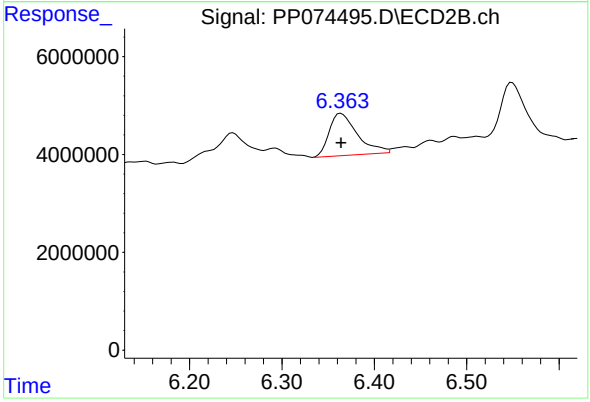
#7 AR-1016-5

R.T.: 5.333 min
Delta R.T.: 0.000 min
Response: 10255452
Conc: 61.75 ng/ml



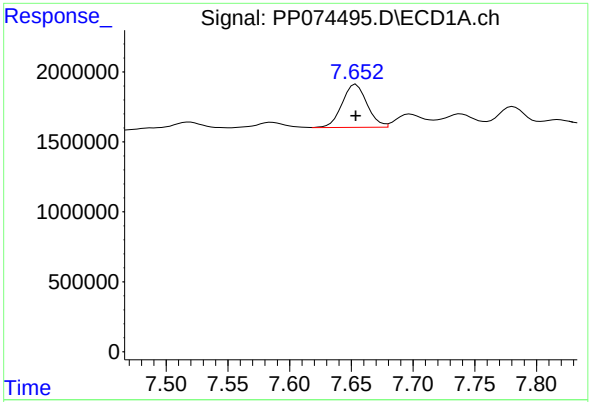
#31 AR-1260-1

R.T.: 7.401 min
Delta R.T.: 0.000 min
Response: 3621398
Conc: 62.64 ng/ml



#31 AR-1260-1

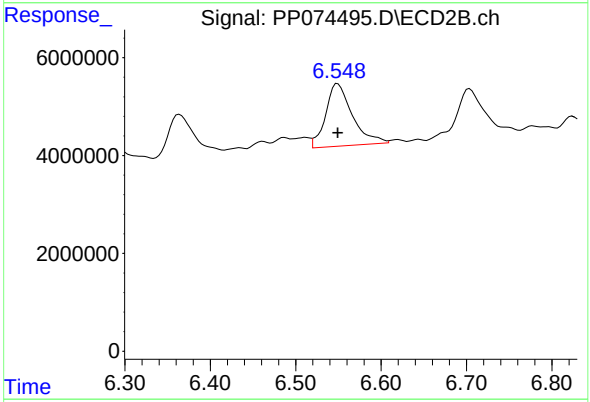
R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 18274802
Conc: 48.70 ng/ml



#32 AR-1260-2

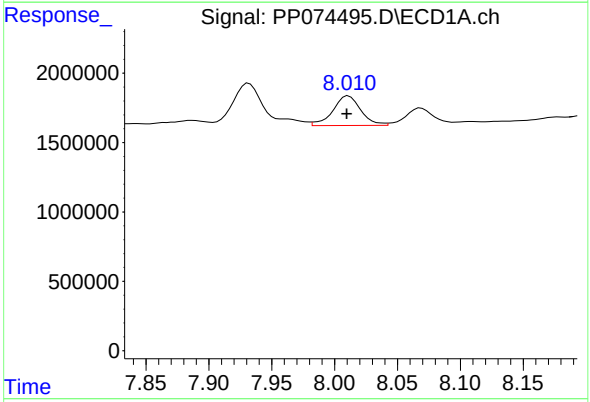
R.T.: 7.654 min
Delta R.T.: 0.000 min
Response: 4330850
Conc: 62.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



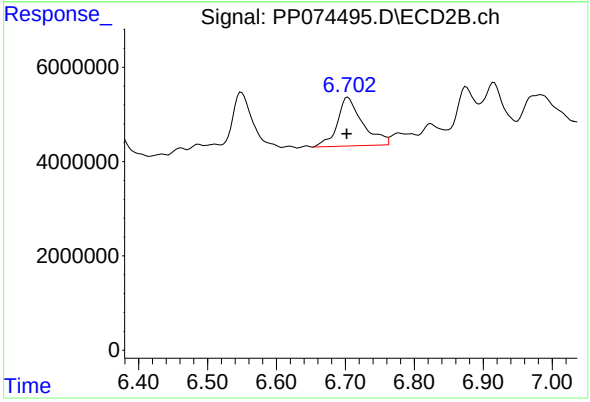
#32 AR-1260-2

R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 27742209
Conc: 52.46 ng/ml



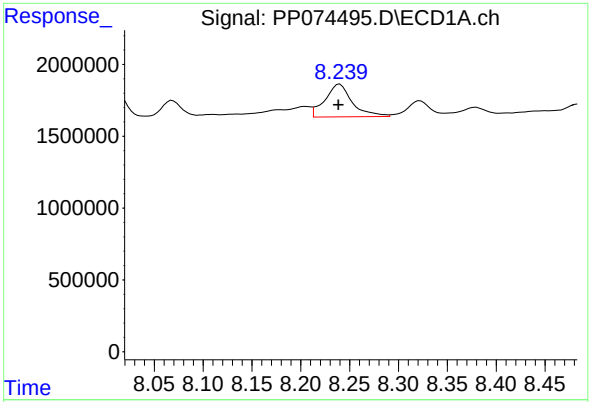
#33 AR-1260-3

R.T.: 8.011 min
Delta R.T.: 0.001 min
Response: 3312808
Conc: 64.37 ng/ml



#33 AR-1260-3

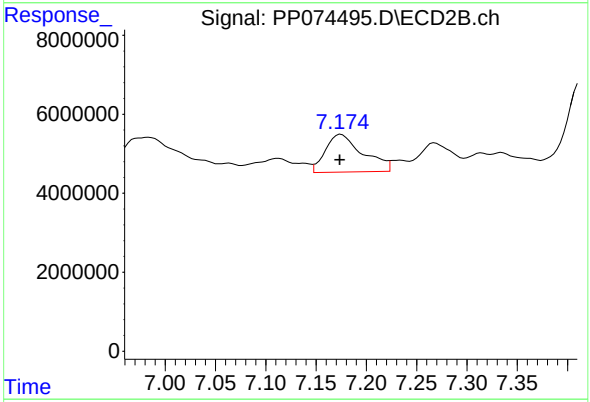
R.T.: 6.704 min
Delta R.T.: 0.001 min
Response: 26298630
Conc: 65.94 ng/ml



#34 AR-1260-4

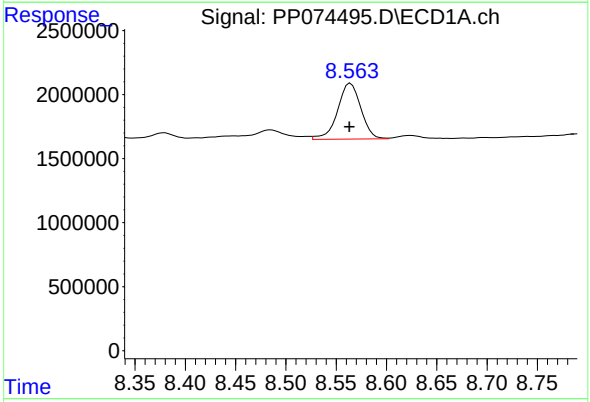
R.T.: 8.240 min
Delta R.T.: 0.001 min
Response: 4425970
Conc: 69.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



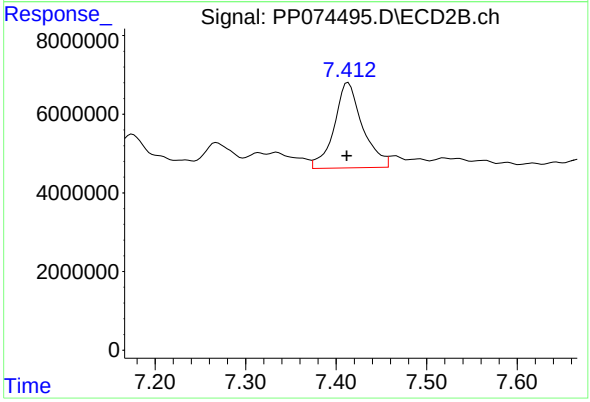
#34 AR-1260-4

R.T.: 7.175 min
Delta R.T.: 0.002 min
Response: 24770745
Conc: 64.58 ng/ml



#35 AR-1260-5

R.T.: 8.564 min
Delta R.T.: 0.001 min
Response: 6997672
Conc: 62.47 ng/ml



#35 AR-1260-5

R.T.: 7.413 min
Delta R.T.: 0.001 min
Response: 47160390
Conc: 47.81 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074497.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:39
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: Aug 20 06:13:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:12:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.655	3.799	58746394	255.4E6	50.000	50.000
2)	SA Decachlor...	10.434	8.815	49336755	375.4E6	50.000	50.000
	Target Compounds						
11)	L3 AR-1232-1	5.016	4.172	15186953	64047715	500.000	500.000
12)	L3 AR-1232-2	5.542	4.899	7879113	115.9E6	500.000	500.000
13)	L3 AR-1232-3	5.828	5.076	15271847	30029881	500.000	500.000
14)	L3 AR-1232-4	5.988	5.159	8634636	52735846	500.000	723.830 #
15)	L3 AR-1232-5	6.077	5.332	6490477	31041901	500.000	500.000

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

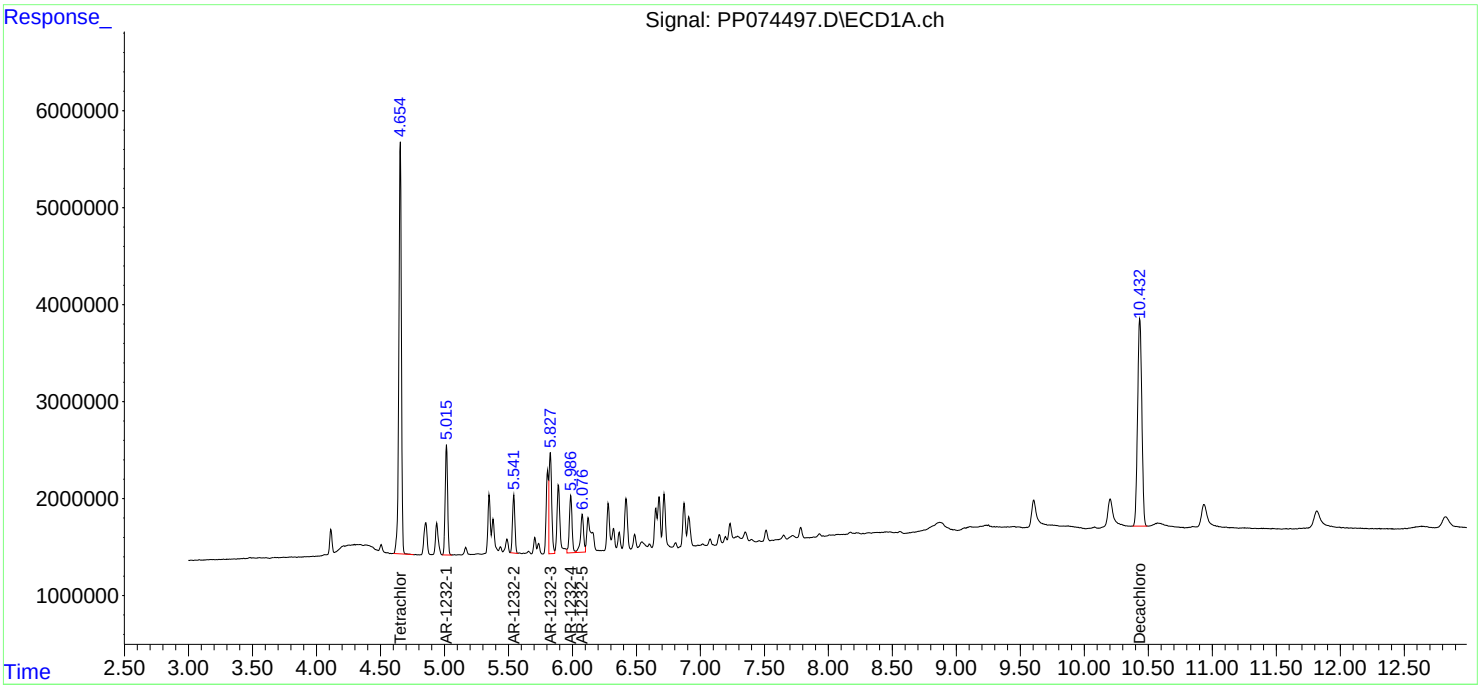
Quantitation Report (Not Reviewed)

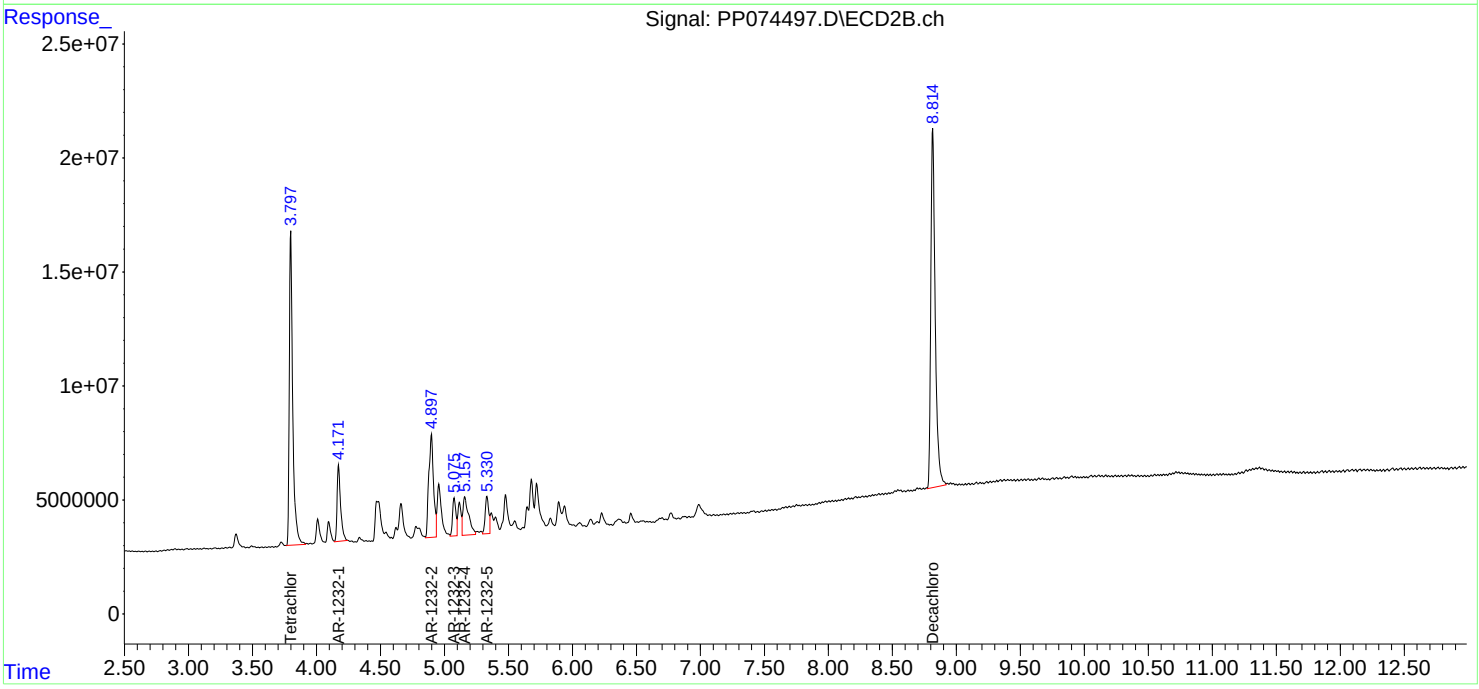
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074497.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:39
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

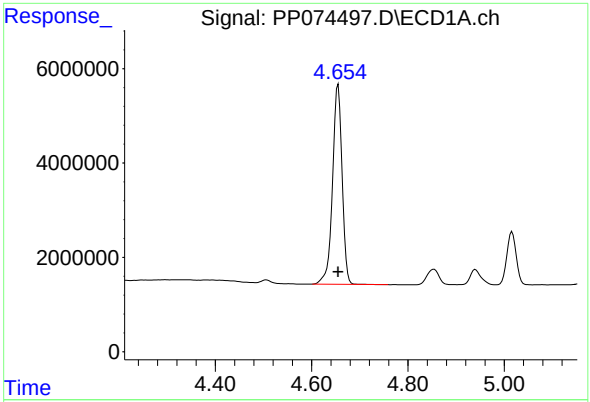
Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:13:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:12:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



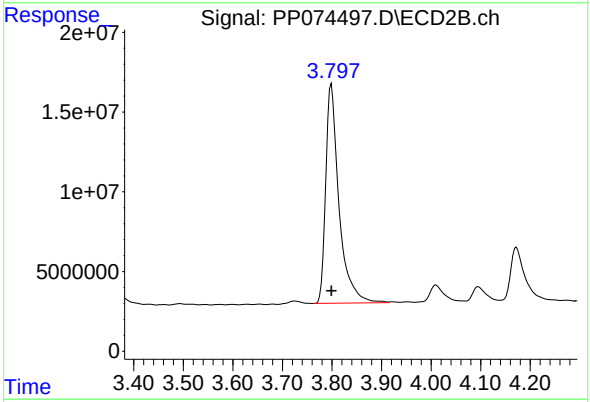




#1 Tetrachloro-m-xylene

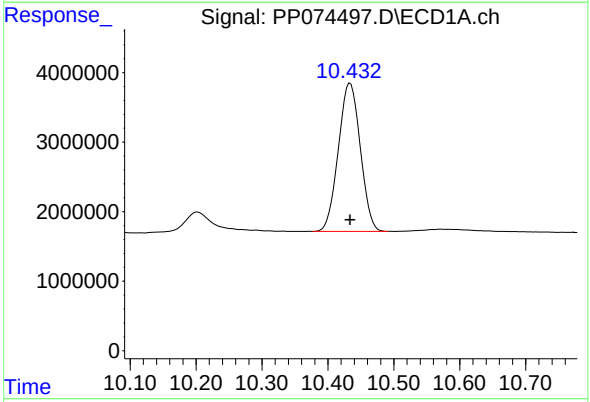
R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 58746394
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



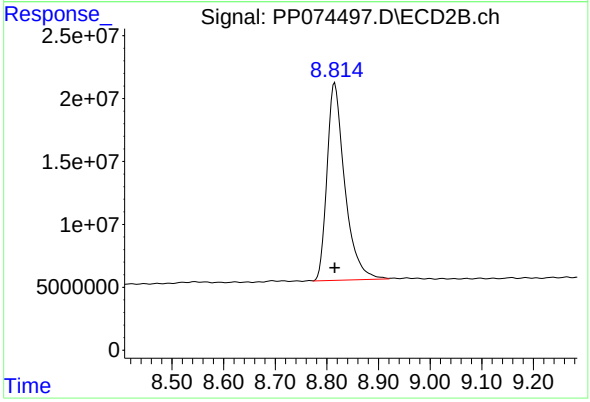
#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 255428387
Conc: 50.00 ng/ml



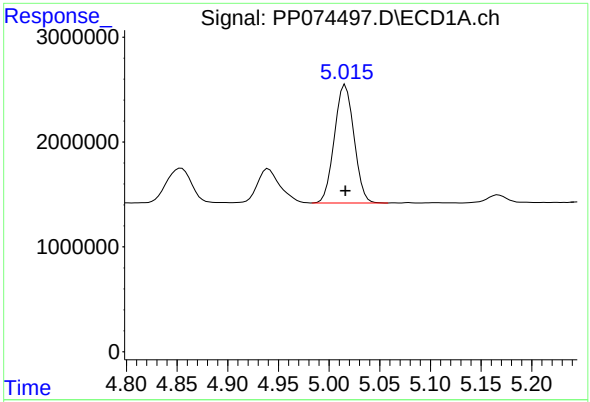
#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: 0.000 min
Response: 49336755
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

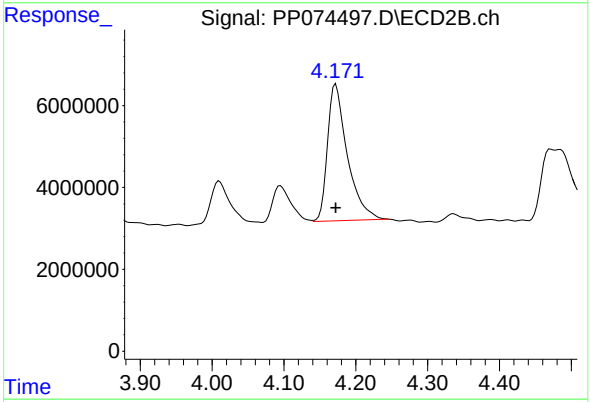
R.T.: 8.815 min
Delta R.T.: 0.000 min
Response: 375424839
Conc: 50.00 ng/ml



#11 AR-1232-1

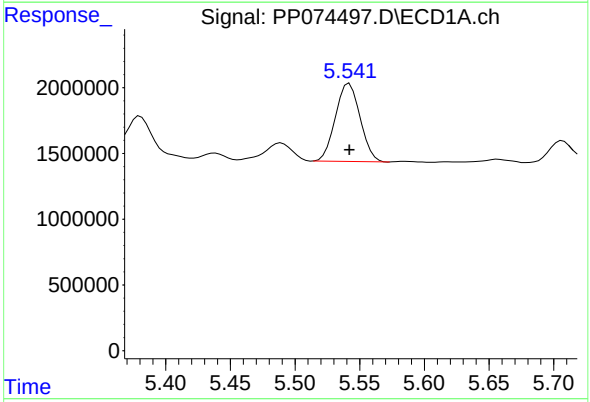
R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 15186953
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



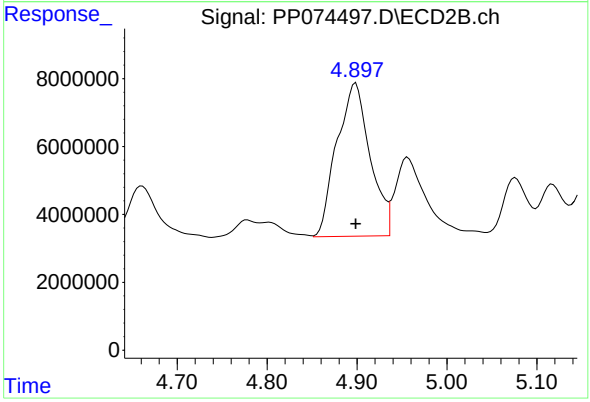
#11 AR-1232-1

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 64047715
Conc: 500.00 ng/ml



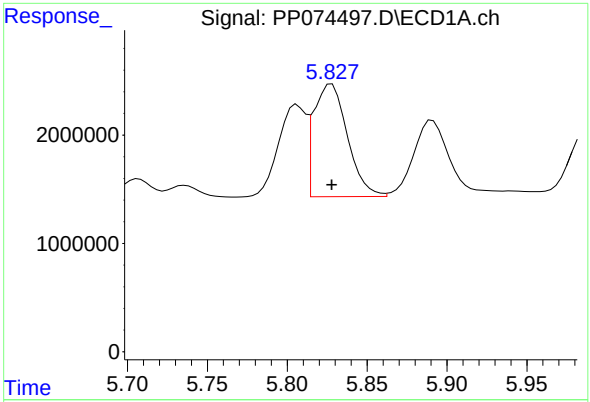
#12 AR-1232-2

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 7879113
Conc: 500.00 ng/ml



#12 AR-1232-2

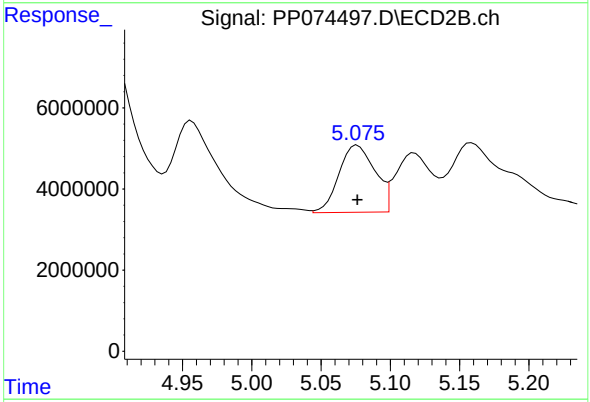
R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 115896682
Conc: 500.00 ng/ml



#13 AR-1232-3

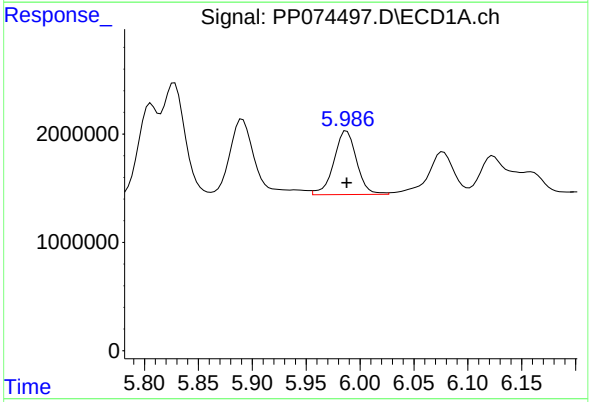
R.T.: 5.828 min
Delta R.T.: 0.000 min
Response: 15271847
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



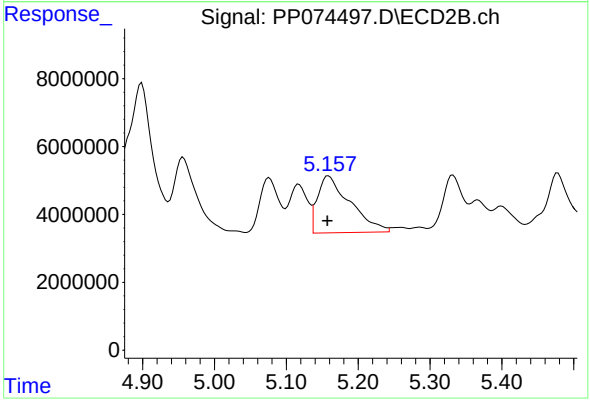
#13 AR-1232-3

R.T.: 5.076 min
Delta R.T.: 0.000 min
Response: 30029881
Conc: 500.00 ng/ml



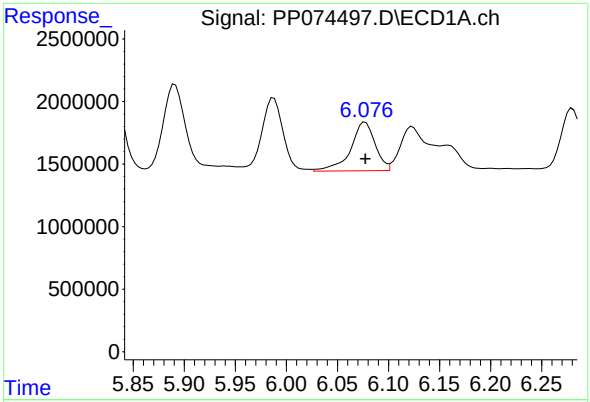
#14 AR-1232-4

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 8634636
Conc: 500.00 ng/ml



#14 AR-1232-4

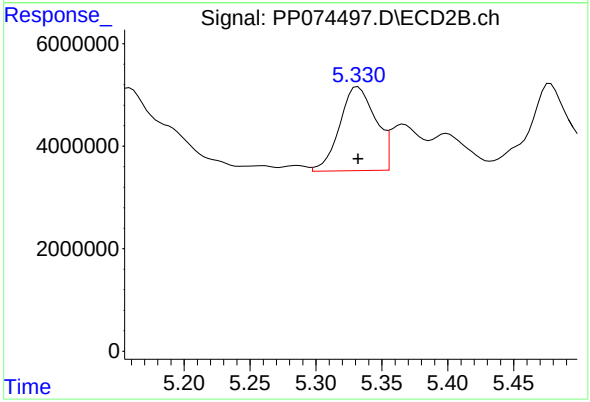
R.T.: 5.159 min
Delta R.T.: 0.002 min
Response: 52735846
Conc: 723.83 ng/ml



#15 AR-1232-5

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 6490477
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



#15 AR-1232-5

R.T.: 5.332 min
Delta R.T.: 0.000 min
Response: 31041901
Conc: 500.00 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074498.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:55
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: Aug 19 13:23:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.655	3.799	110.2E6	555.2E6	94.277	102.648
2)	SA Decachlor...	10.434	8.816	94257109	743.9E6	92.733	97.953
	Target Compounds						
16)	L4 AR-1242-1	5.807	4.900	33534775	426.2E6	928.998	984.768
17)	L4 AR-1242-2	5.828	4.957	50582395	203.0E6	932.415	985.806
18)	L4 AR-1242-3	5.892	5.076	33349694	114.7E6	909.705	983.673
19)	L4 AR-1242-4	5.989	5.159	27192200	209.7E6	920.414	1264.573 #
20)	L4 AR-1242-5	6.718	5.681	29731727	176.2E6	923.938	949.598

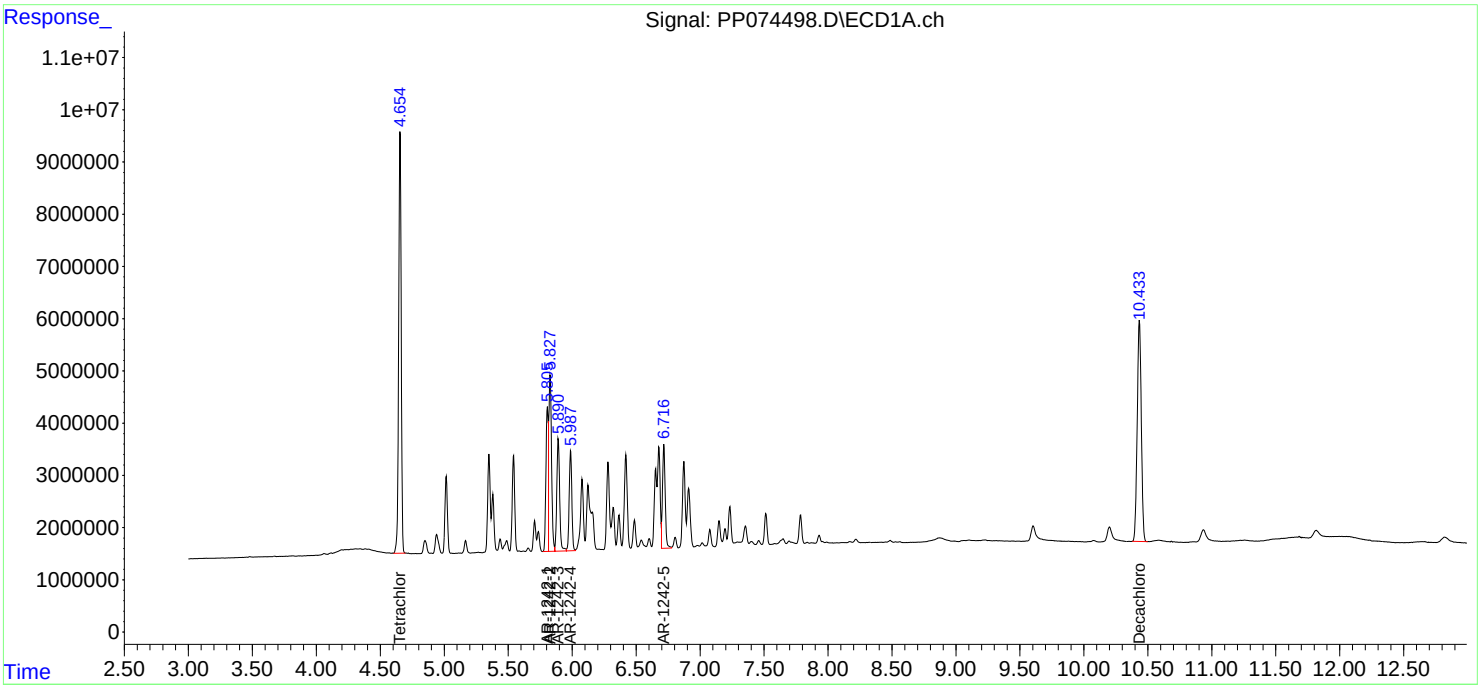
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

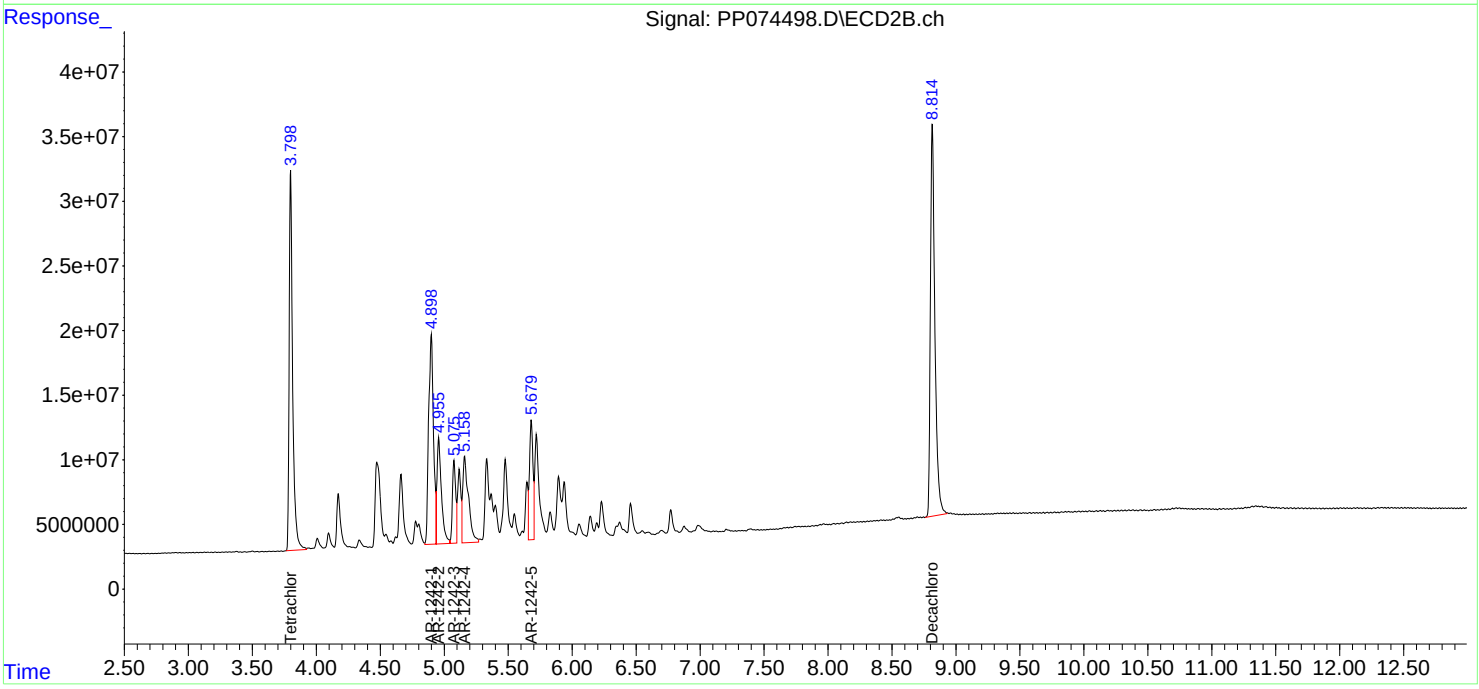
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074498.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:55
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

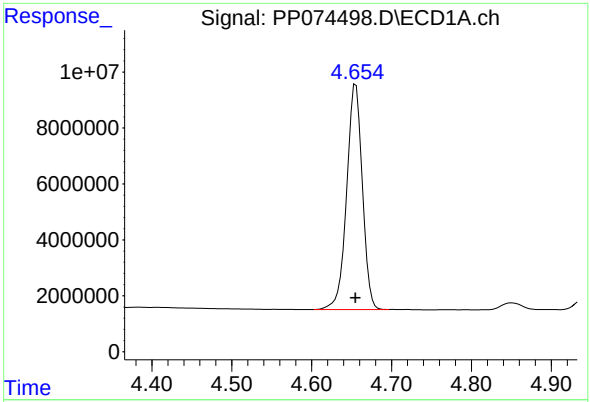
Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:23:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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



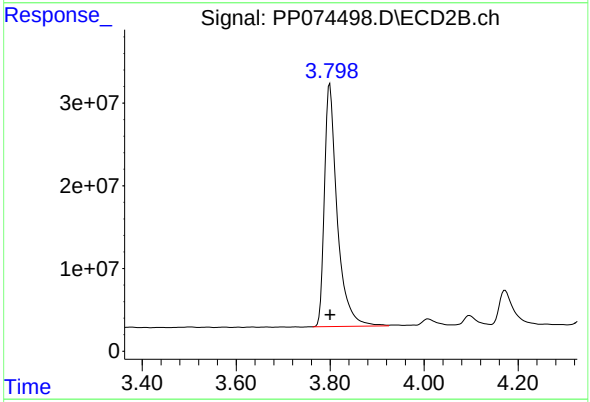




#1 Tetrachloro-m-xylene

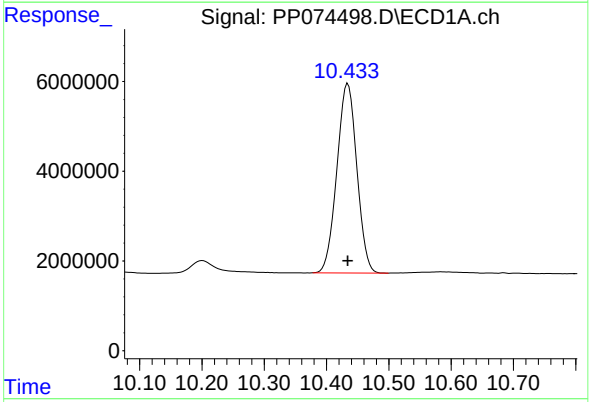
R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 110162396
Conc: 94.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



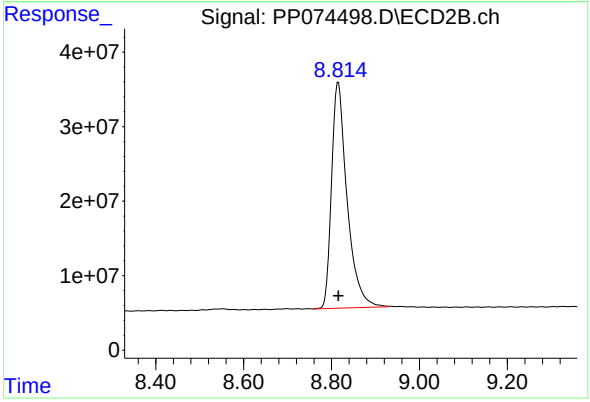
#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 555225547
Conc: 102.65 ng/ml



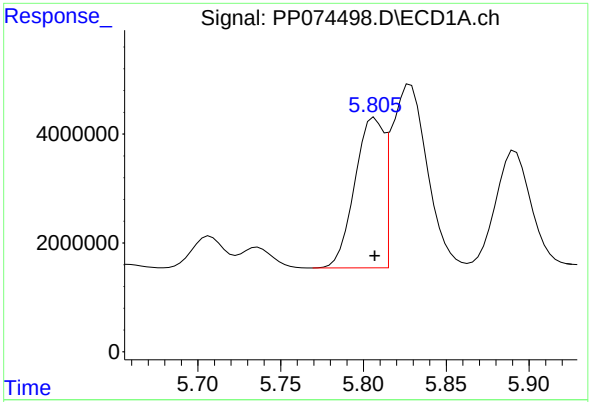
#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: 0.000 min
Response: 94257109
Conc: 92.73 ng/ml



#2 Decachlorobiphenyl

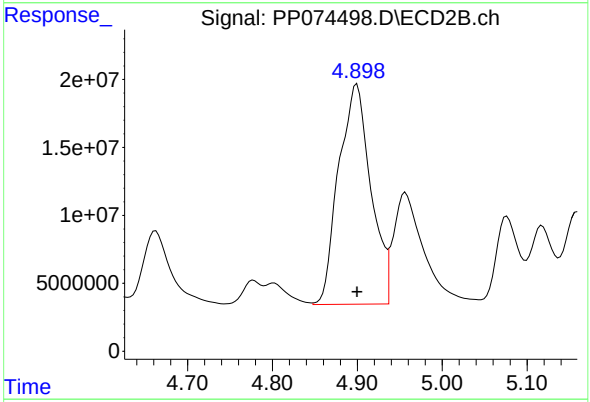
R.T.: 8.816 min
Delta R.T.: 0.000 min
Response: 743948581
Conc: 97.95 ng/ml



#16 AR-1242-1

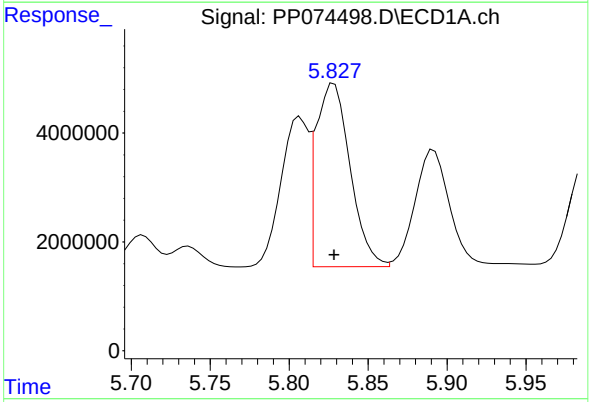
R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 33534775
Conc: 929.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



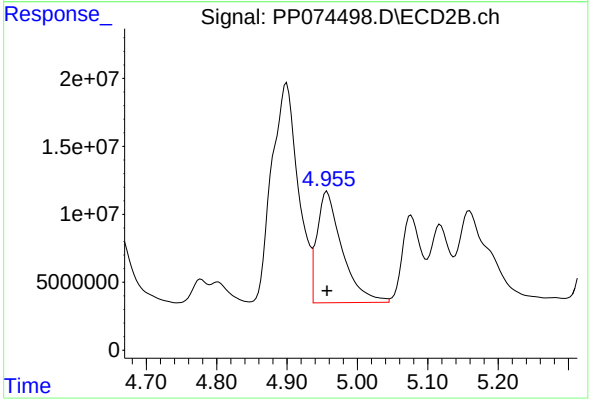
#16 AR-1242-1

R.T.: 4.900 min
Delta R.T.: 0.000 min
Response: 426248141
Conc: 984.77 ng/ml



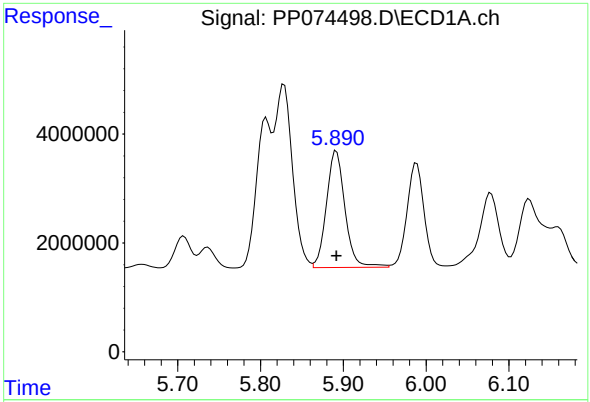
#17 AR-1242-2

R.T.: 5.828 min
Delta R.T.: 0.000 min
Response: 50582395
Conc: 932.41 ng/ml



#17 AR-1242-2

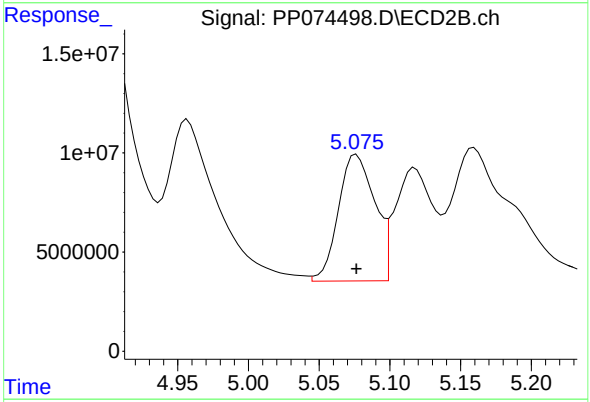
R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 202991737
Conc: 985.81 ng/ml



#18 AR-1242-3

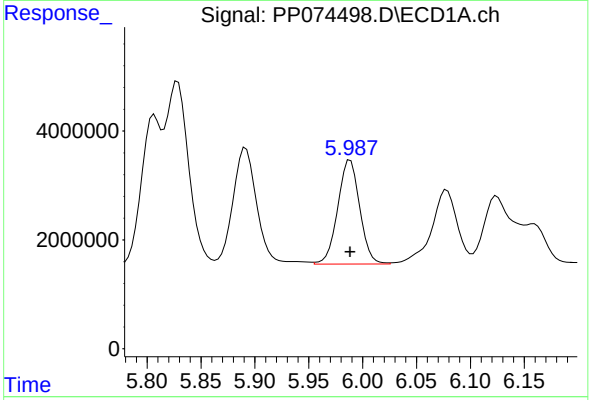
R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 33349694
Conc: 909.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



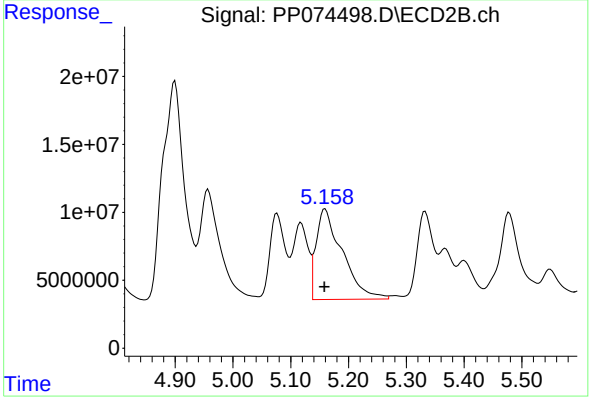
#18 AR-1242-3

R.T.: 5.076 min
Delta R.T.: 0.000 min
Response: 114667914
Conc: 983.67 ng/ml



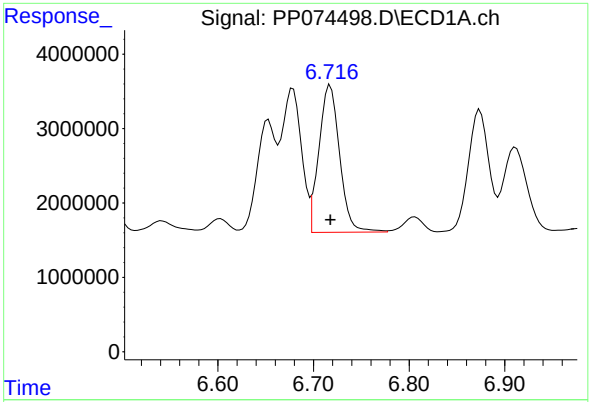
#19 AR-1242-4

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 27192200
Conc: 920.41 ng/ml



#19 AR-1242-4

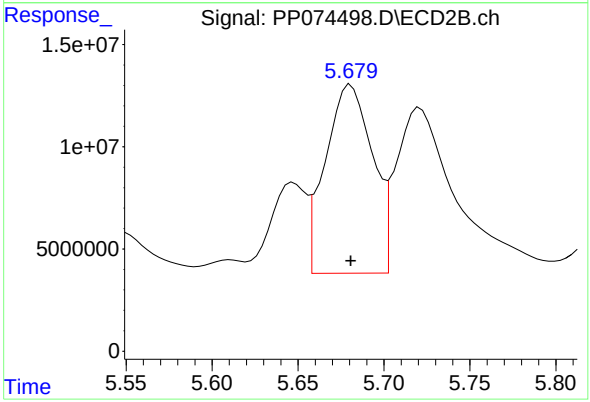
R.T.: 5.159 min
Delta R.T.: 0.001 min
Response: 209691690
Conc: 1264.57 ng/ml



#20 AR-1242-5

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 29731727
Conc: 923.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



#20 AR-1242-5

R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 176244820
Conc: 949.60 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074499.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 12:12
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: Aug 19 13:26:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.658	3.802	86349070	412.2E6	74.262	75.797
2)	SA Decachlor...	10.437	8.817	74892062	573.5E6	74.115	75.344
	Target Compounds						
16)	L4 AR-1242-1	5.809	4.901	26397194	324.0E6	737.408	749.001
17)	L4 AR-1242-2	5.831	4.960	39340318	155.5E6	733.271	753.574
18)	L4 AR-1242-3	5.894	5.078	26560976	89250623	732.822	760.349
19)	L4 AR-1242-4	5.991	5.163	21474232	165.4E6	734.419	1025.857 #
20)	L4 AR-1242-5	6.720	5.682	23050385	144.9E6	727.198	770.068

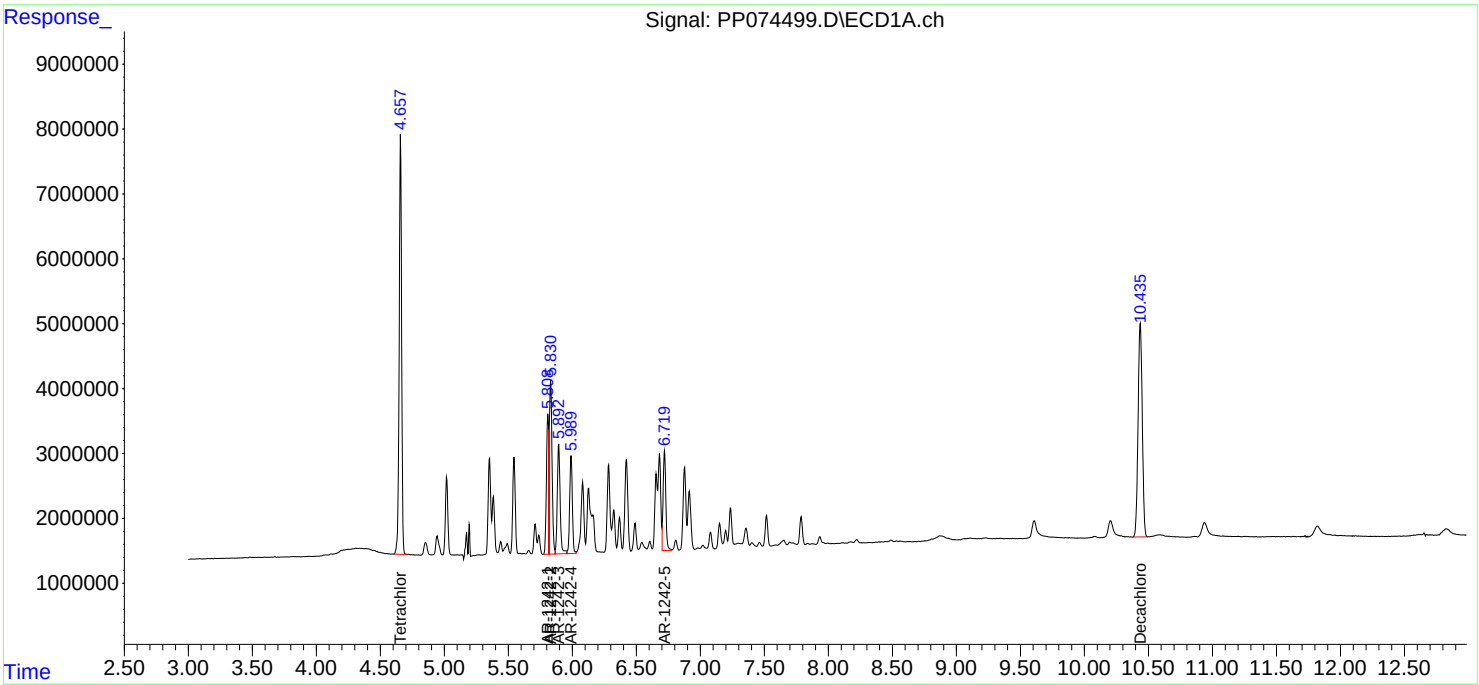
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

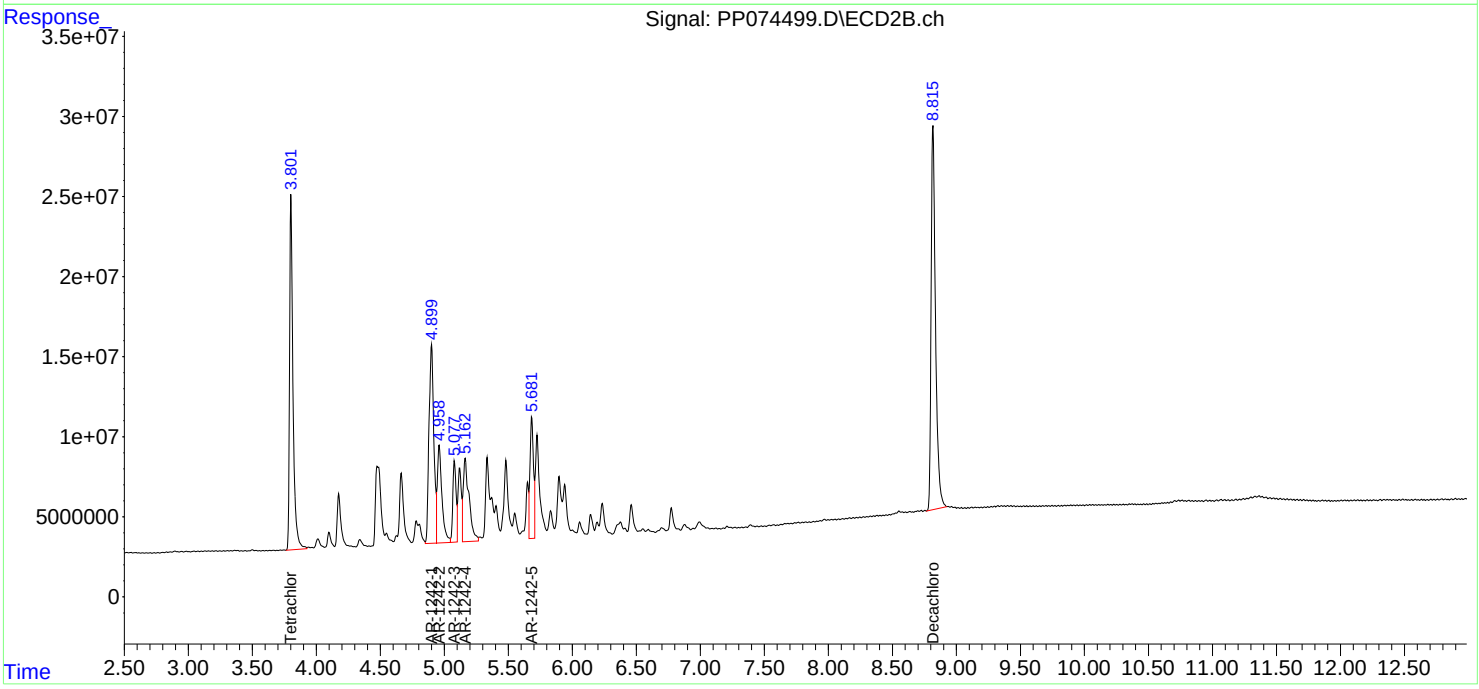
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074499.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 12:12
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

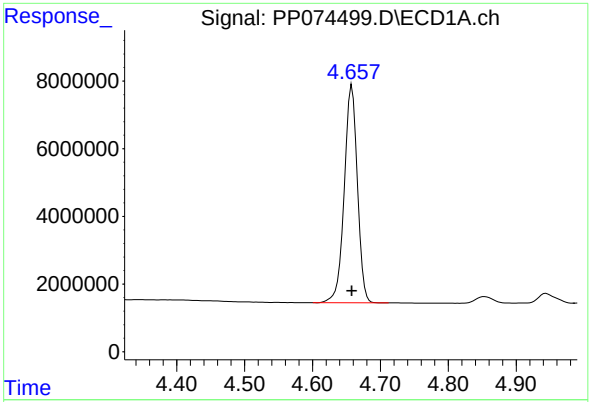
Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:26:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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



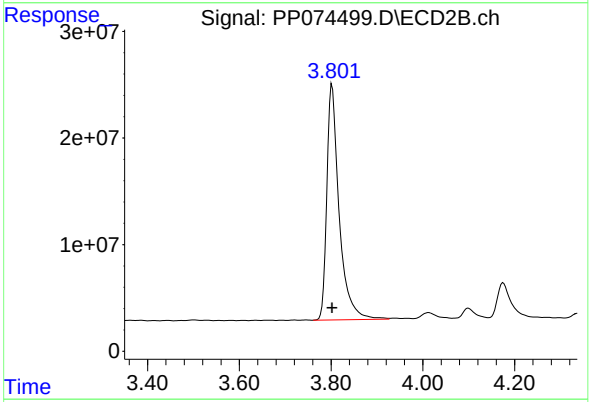




#1 Tetrachloro-m-xylene

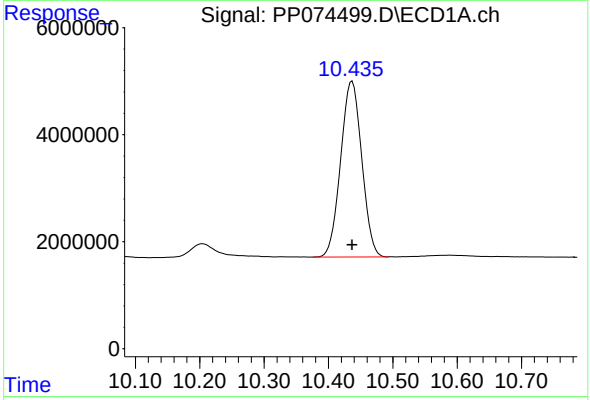
R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 86349070
Conc: 74.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



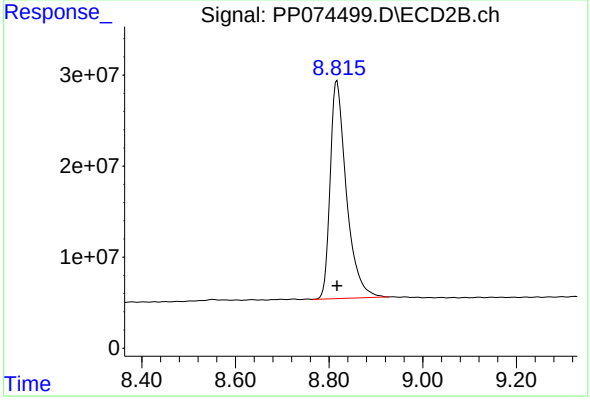
#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: 0.000 min
Response: 412174509
Conc: 75.80 ng/ml



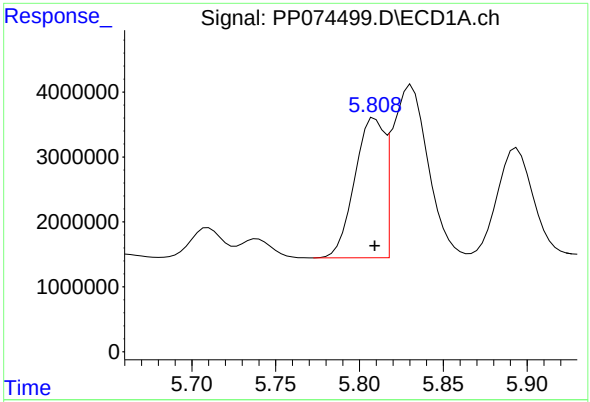
#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 74892062
Conc: 74.12 ng/ml



#2 Decachlorobiphenyl

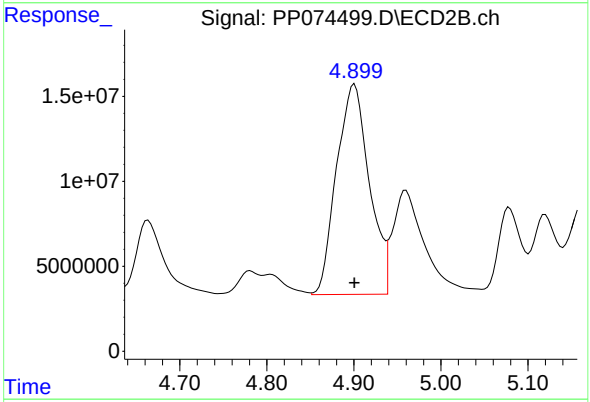
R.T.: 8.817 min
Delta R.T.: 0.000 min
Response: 573549063
Conc: 75.34 ng/ml



#16 AR-1242-1

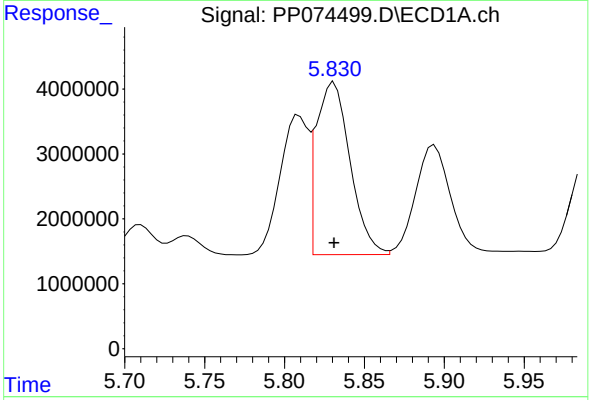
R.T.: 5.809 min
Delta R.T.: 0.000 min
Response: 26397194
Conc: 737.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



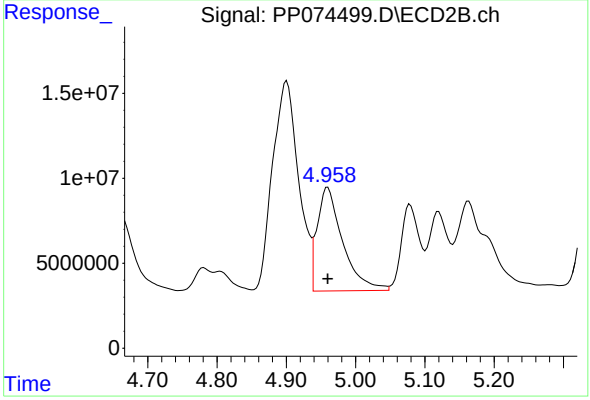
#16 AR-1242-1

R.T.: 4.901 min
Delta R.T.: 0.000 min
Response: 323982884
Conc: 749.00 ng/ml



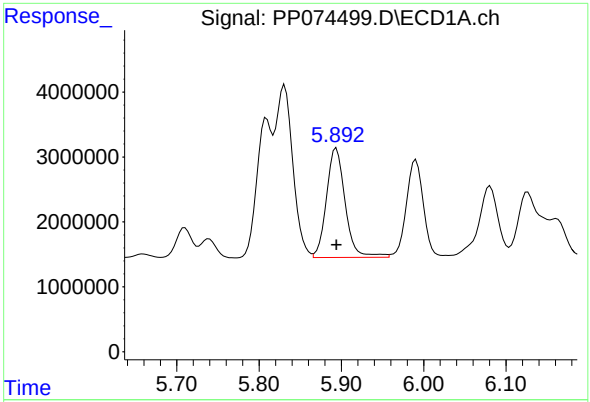
#17 AR-1242-2

R.T.: 5.831 min
Delta R.T.: 0.000 min
Response: 39340318
Conc: 733.27 ng/ml



#17 AR-1242-2

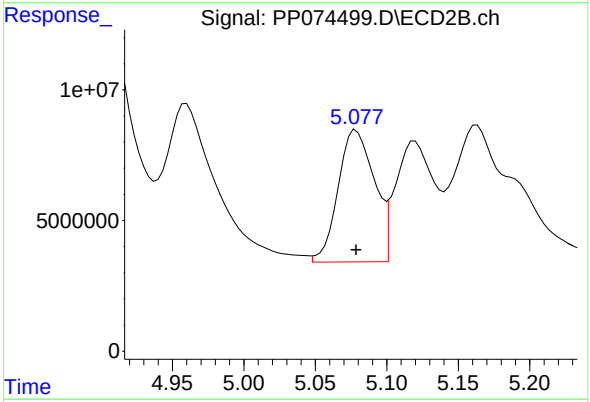
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 155542353
Conc: 753.57 ng/ml



#18 AR-1242-3

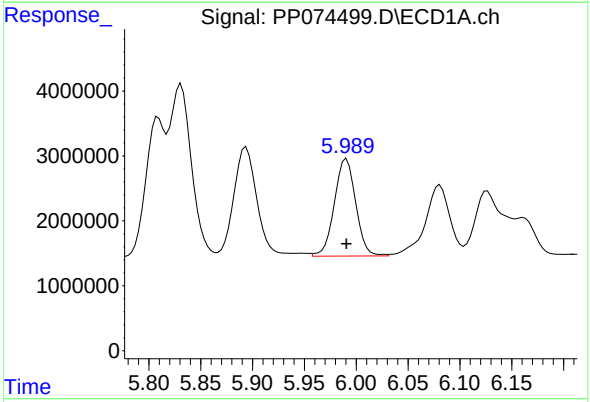
R.T.: 5.894 min
Delta R.T.: 0.000 min
Response: 26560976
Conc: 732.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



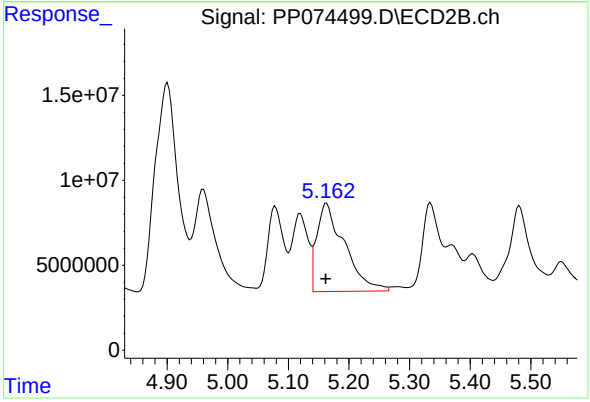
#18 AR-1242-3

R.T.: 5.078 min
Delta R.T.: 0.000 min
Response: 89250623
Conc: 760.35 ng/ml



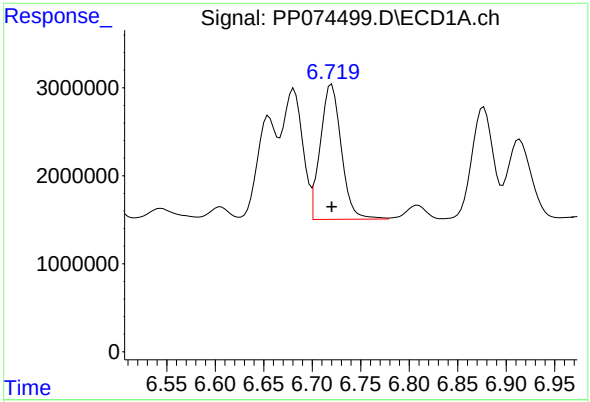
#19 AR-1242-4

R.T.: 5.991 min
Delta R.T.: 0.000 min
Response: 21474232
Conc: 734.42 ng/ml



#19 AR-1242-4

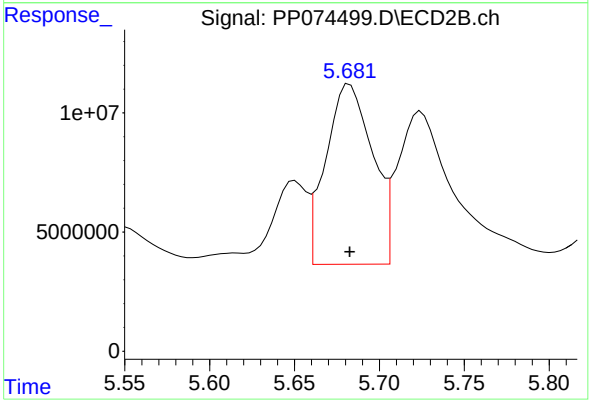
R.T.: 5.163 min
Delta R.T.: 0.001 min
Response: 165374750
Conc: 1025.86 ng/ml



#20 AR-1242-5

R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 23050385
Conc: 727.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



#20 AR-1242-5

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 144862190
Conc: 770.07 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074500.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 12:28
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: Aug 19 13:20:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.655	3.799	61768053	263.3E6	50.000	50.000
2)	SA Decachlor...	10.434	8.814	54515432	387.5E6	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	5.807	4.898	19330395	219.7E6	500.000	500.000
17)	L4 AR-1242-2	5.828	4.957	28957608	104.4E6	500.000	500.000
18)	L4 AR-1242-3	5.891	5.076	19985033	59237210	500.000	500.000
19)	L4 AR-1242-4	5.988	5.160	15947348	110.7E6	500.000	643.469 #
20)	L4 AR-1242-5	6.717	5.679	17313490	97476940	500.000	500.000

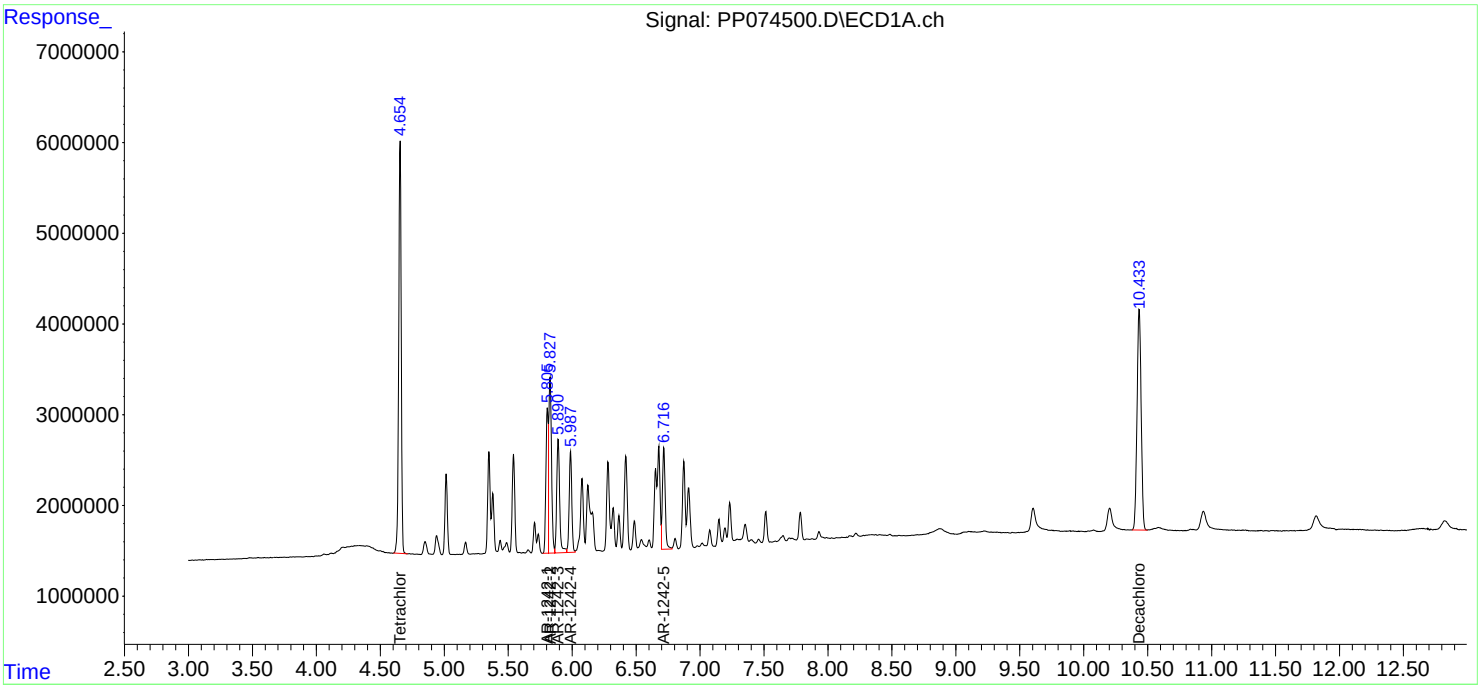
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

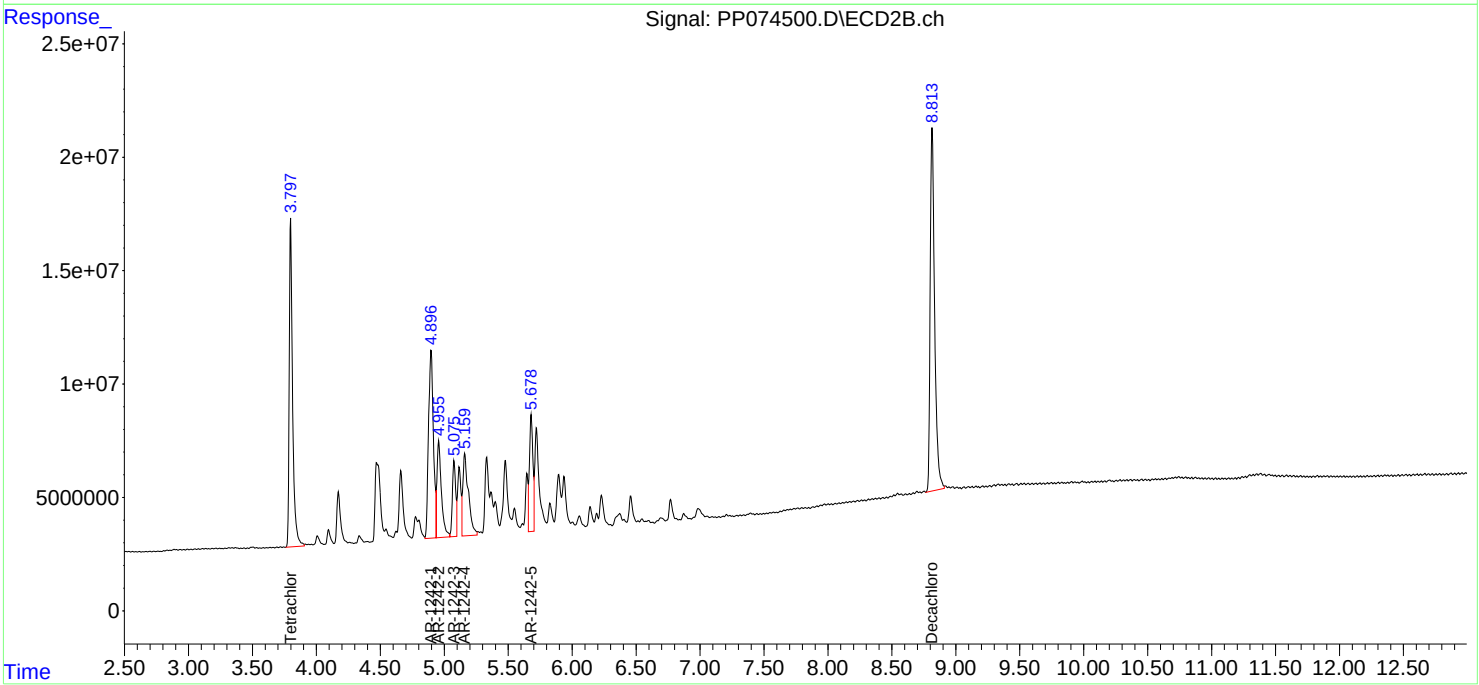
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074500.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 12:28
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

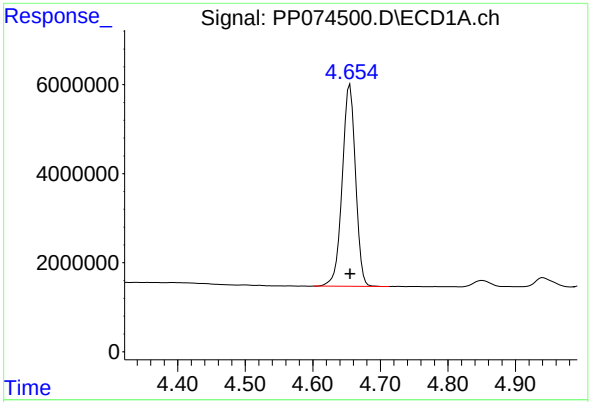
Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:20:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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



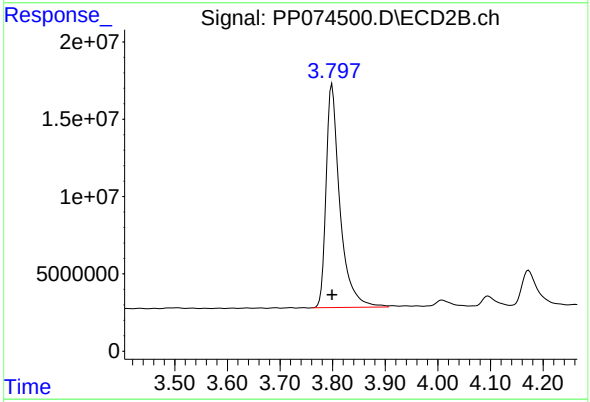




#1 Tetrachloro-m-xylene

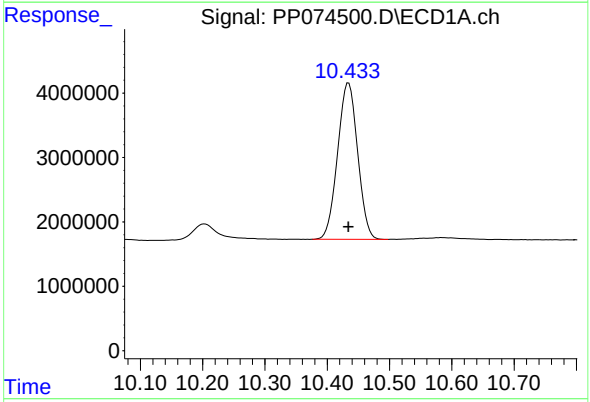
R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 61768053
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



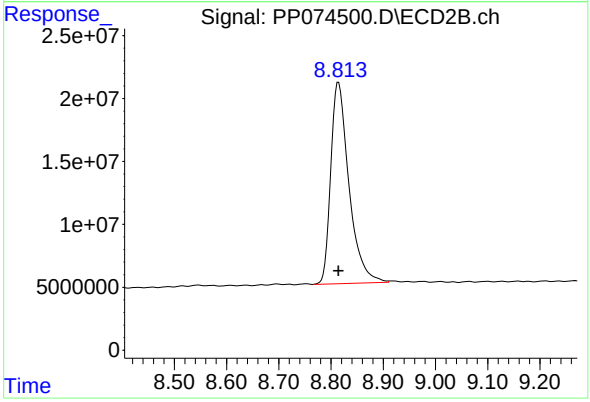
#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 263289751
Conc: 50.00 ng/ml



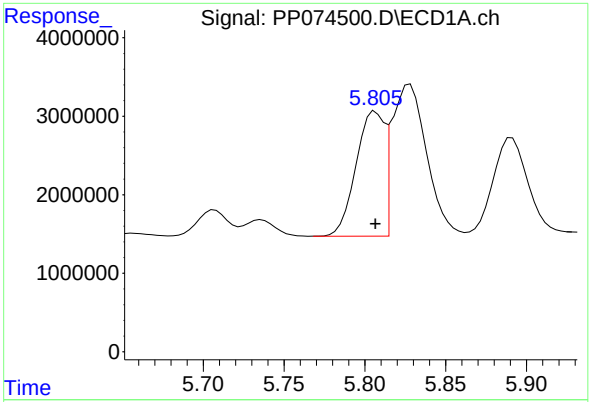
#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: 0.000 min
Response: 54515432
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

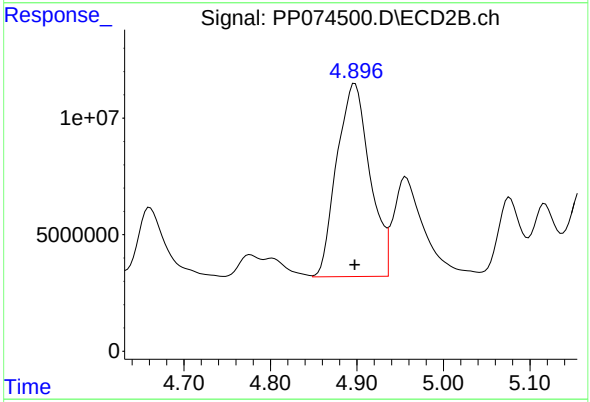
R.T.: 8.814 min
Delta R.T.: 0.000 min
Response: 387519048
Conc: 50.00 ng/ml



#16 AR-1242-1

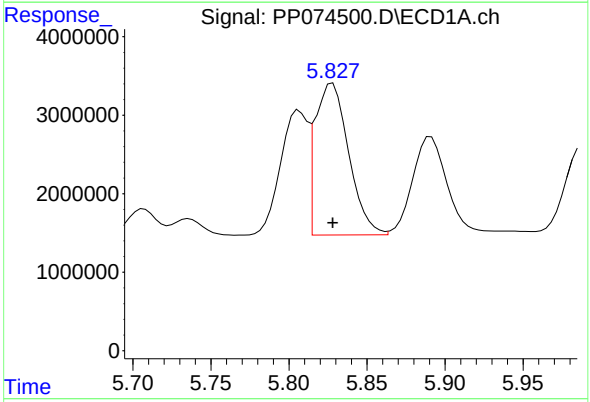
R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 19330395
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



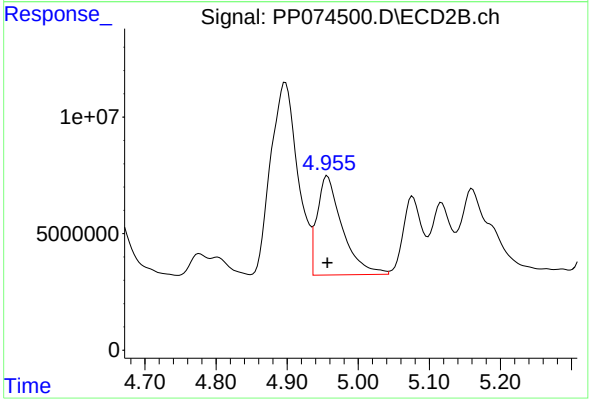
#16 AR-1242-1

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 219717044
Conc: 500.00 ng/ml



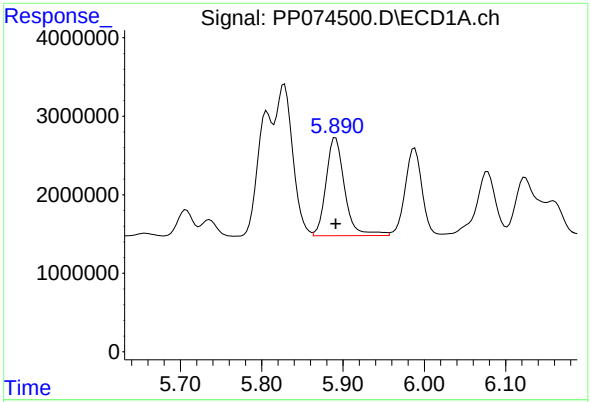
#17 AR-1242-2

R.T.: 5.828 min
Delta R.T.: 0.000 min
Response: 28957608
Conc: 500.00 ng/ml



#17 AR-1242-2

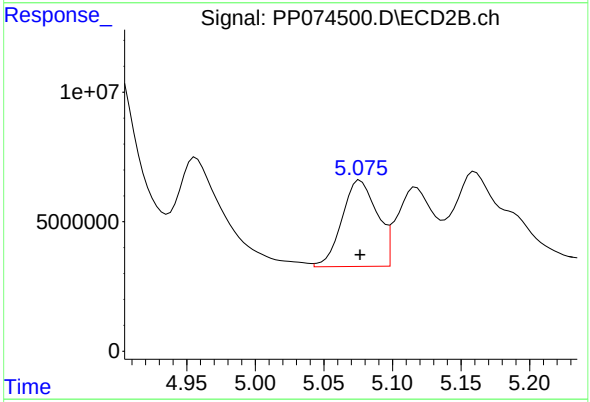
R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 104418566
Conc: 500.00 ng/ml



#18 AR-1242-3

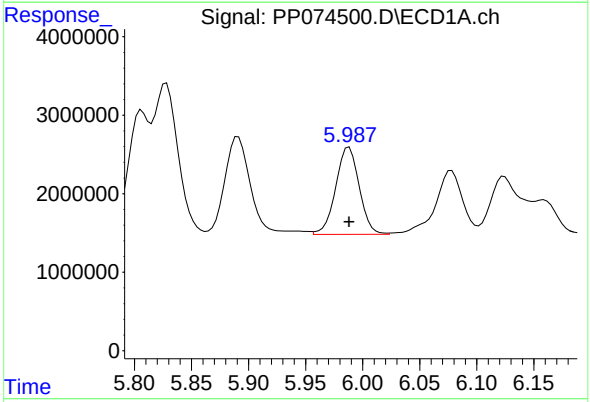
R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 19985033
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



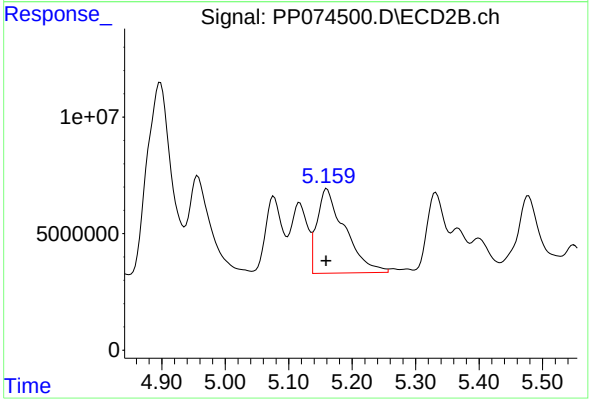
#18 AR-1242-3

R.T.: 5.076 min
Delta R.T.: 0.000 min
Response: 59237210
Conc: 500.00 ng/ml



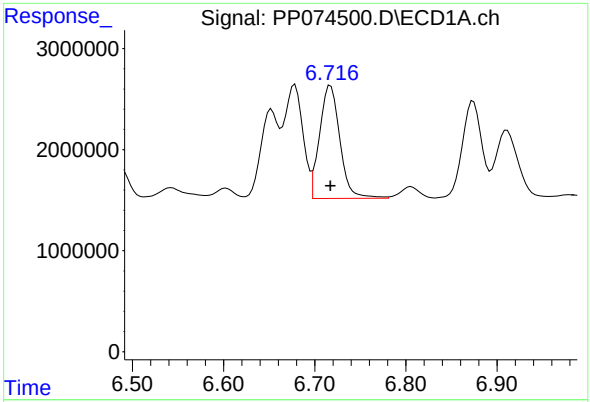
#19 AR-1242-4

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 15947348
Conc: 500.00 ng/ml



#19 AR-1242-4

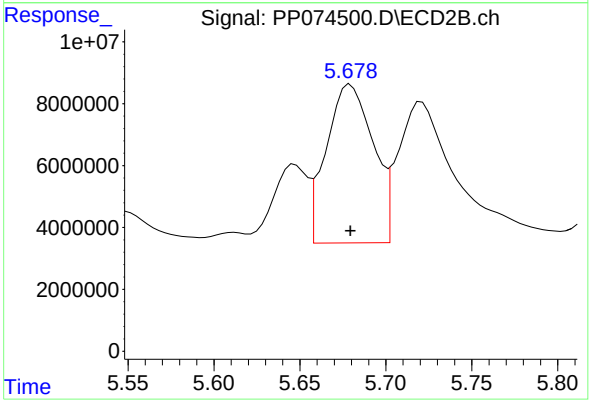
R.T.: 5.160 min
Delta R.T.: 0.001 min
Response: 110694100
Conc: 643.47 ng/ml



#20 AR-1242-5

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 17313490
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



#20 AR-1242-5

R.T.: 5.679 min
Delta R.T.: 0.000 min
Response: 97476940
Conc: 500.00 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074501.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 12:44
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: Aug 19 13:29:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.658	3.802	31800678	118.0E6	26.721	22.435
2)	SA Decachlor...	10.437	8.817	28324807	184.7E6	27.206	24.441
	Target Compounds						
16)	L4 AR-1242-1	5.810	4.901	10310435	106.8E6	277.473	247.620
17)	L4 AR-1242-2	5.831	4.959	15526062	51090902	278.425	248.140
18)	L4 AR-1242-3	5.894	5.079	10970993	31438734	287.541	263.142
19)	L4 AR-1242-4	5.991	5.162	8954111	59767526	289.928	362.702 #
20)	L4 AR-1242-5	6.720	5.682	9712723	49681879	290.054	260.430

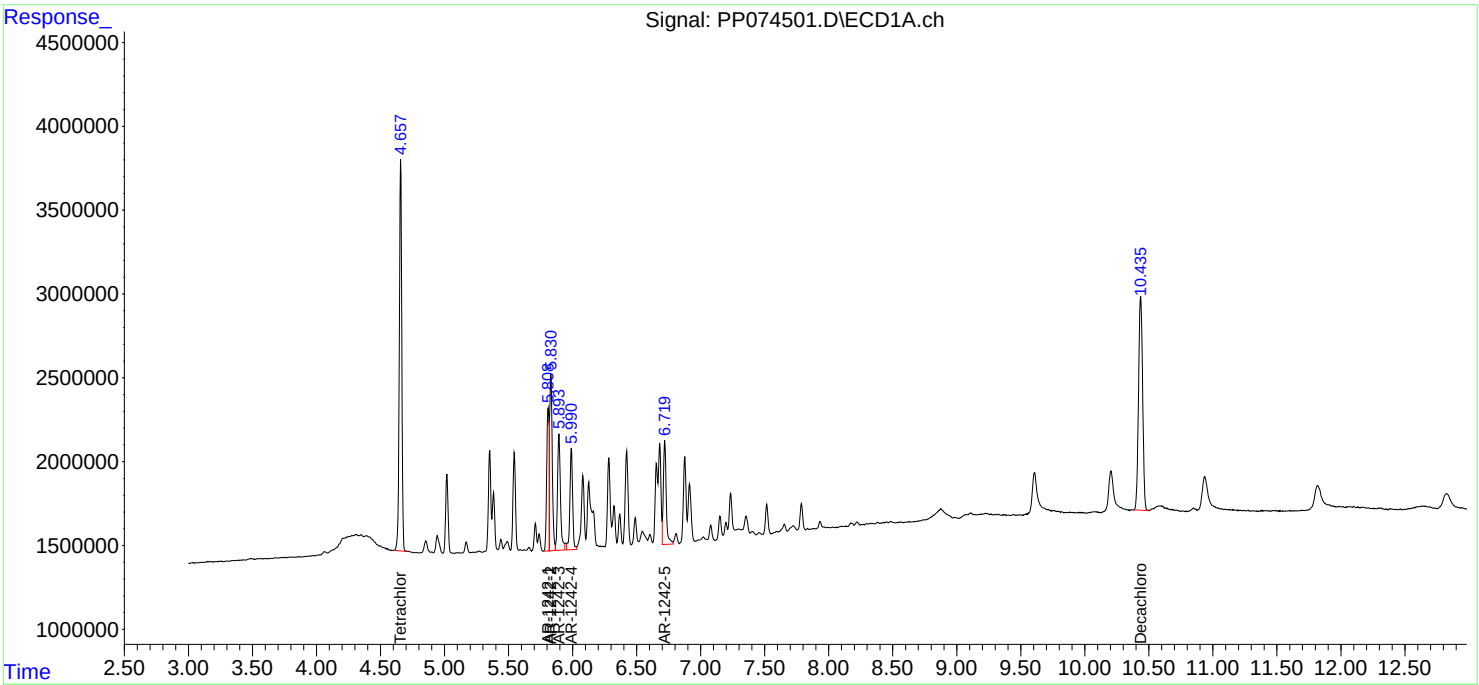
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

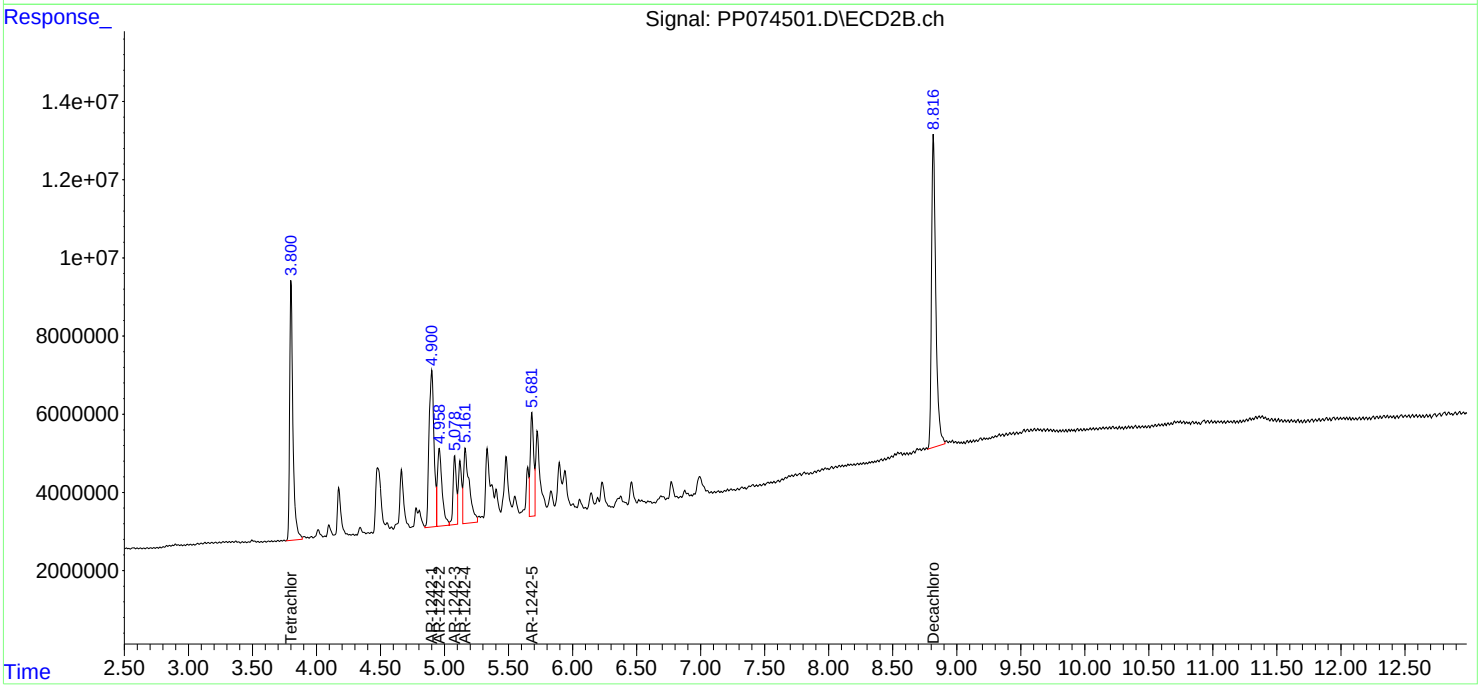
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074501.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 12:44
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

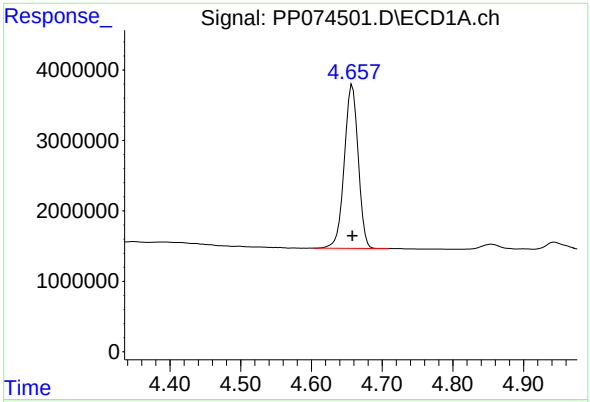
Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:29:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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



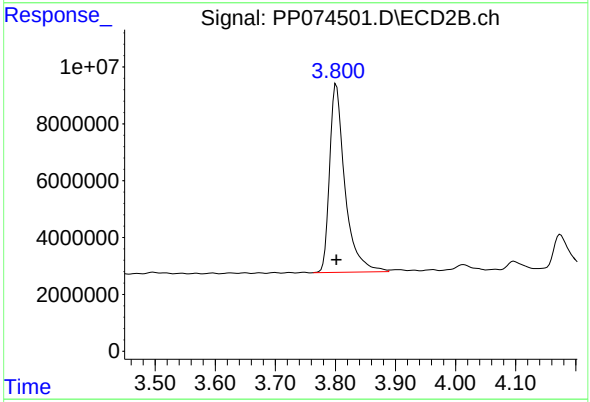




#1 Tetrachloro-m-xylene

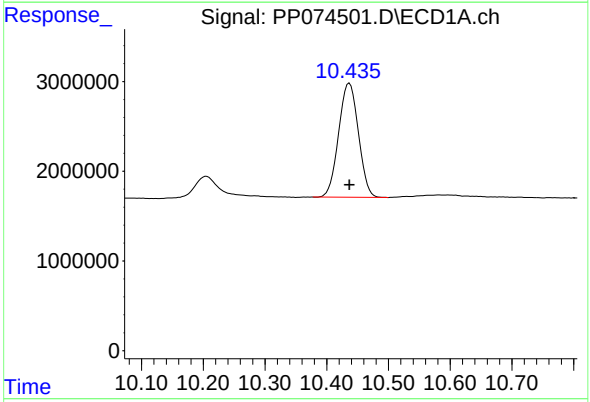
R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 31800678
Conc: 26.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



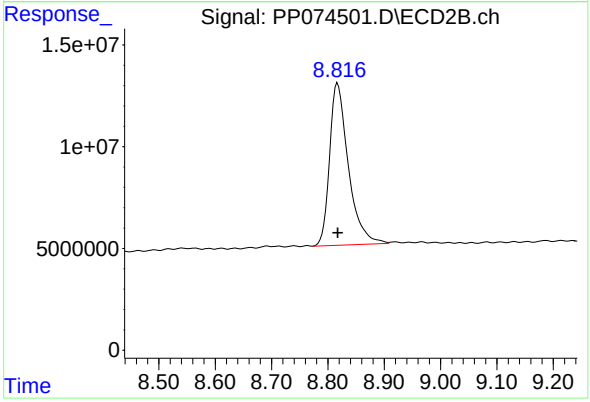
#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: 0.000 min
Response: 117966079
Conc: 22.44 ng/ml



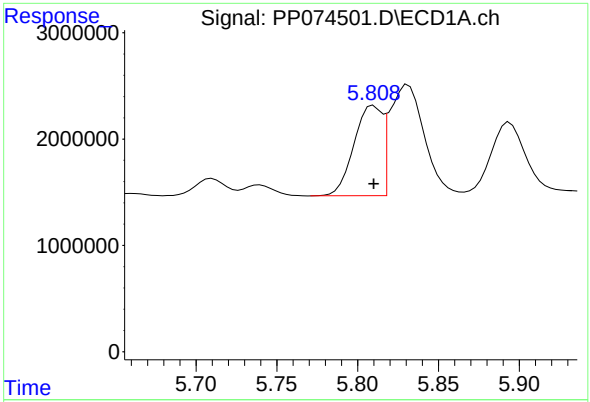
#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 28324807
Conc: 27.21 ng/ml



#2 Decachlorobiphenyl

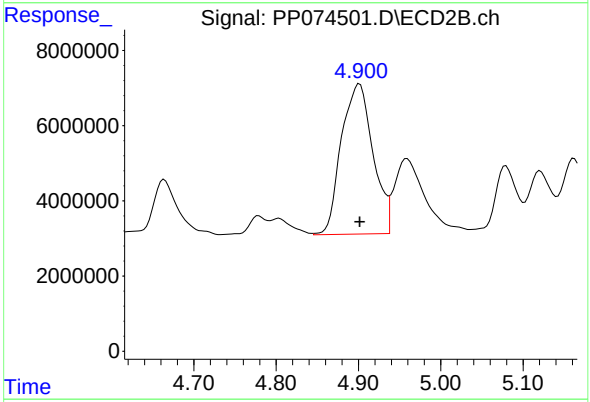
R.T.: 8.817 min
Delta R.T.: 0.000 min
Response: 184678720
Conc: 24.44 ng/ml



#16 AR-1242-1

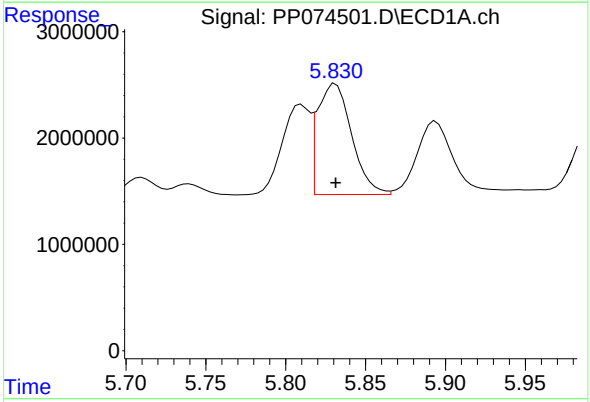
R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 10310435
Conc: 277.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



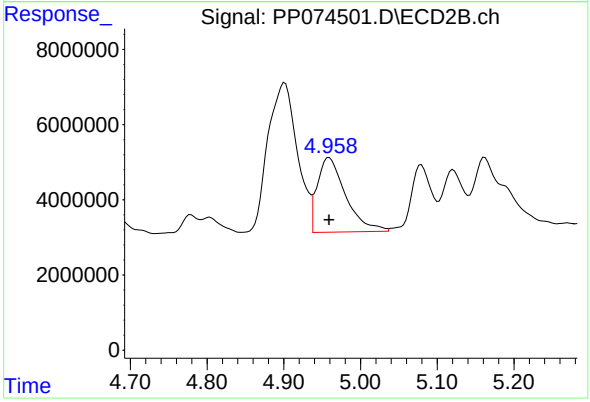
#16 AR-1242-1

R.T.: 4.901 min
Delta R.T.: 0.000 min
Response: 106769716
Conc: 247.62 ng/ml



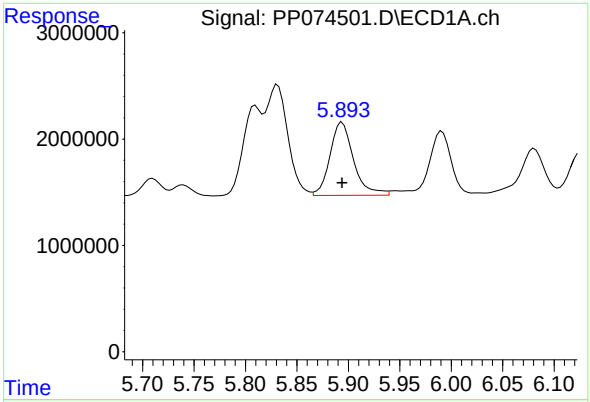
#17 AR-1242-2

R.T.: 5.831 min
Delta R.T.: 0.000 min
Response: 15526062
Conc: 278.42 ng/ml



#17 AR-1242-2

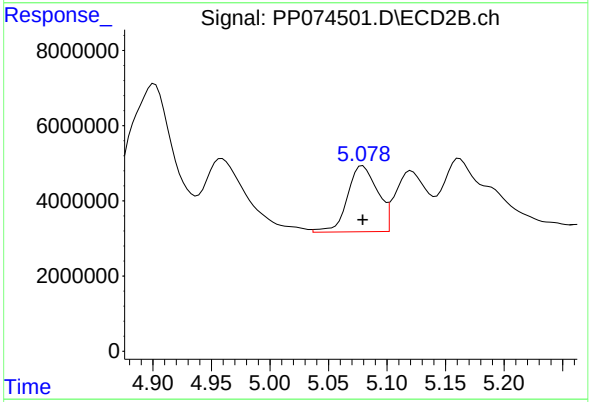
R.T.: 4.959 min
Delta R.T.: 0.000 min
Response: 51090902
Conc: 248.14 ng/ml



#18 AR-1242-3

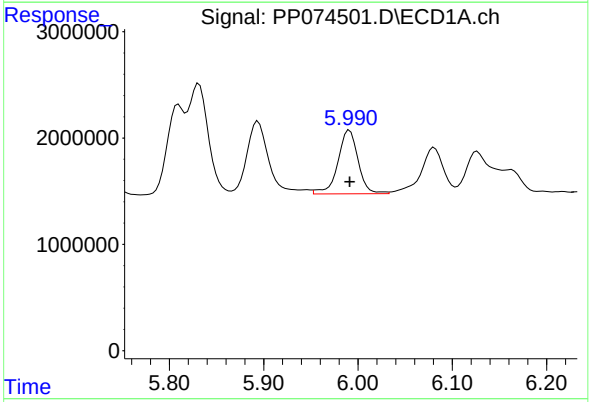
R.T.: 5.894 min
Delta R.T.: 0.000 min
Response: 10970993
Conc: 287.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



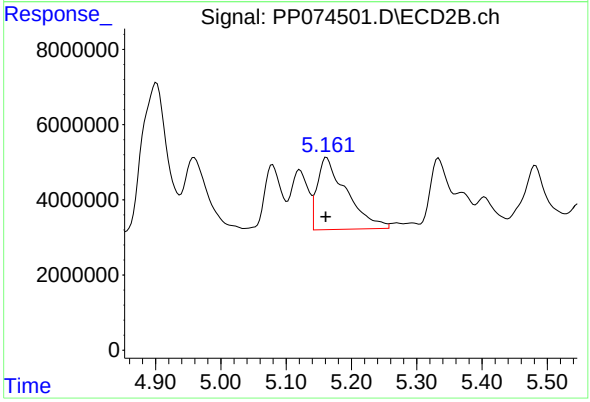
#18 AR-1242-3

R.T.: 5.079 min
Delta R.T.: 0.000 min
Response: 31438734
Conc: 263.14 ng/ml



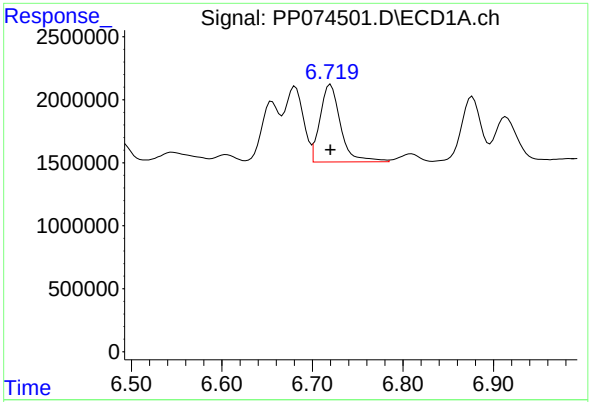
#19 AR-1242-4

R.T.: 5.991 min
Delta R.T.: 0.000 min
Response: 8954111
Conc: 289.93 ng/ml



#19 AR-1242-4

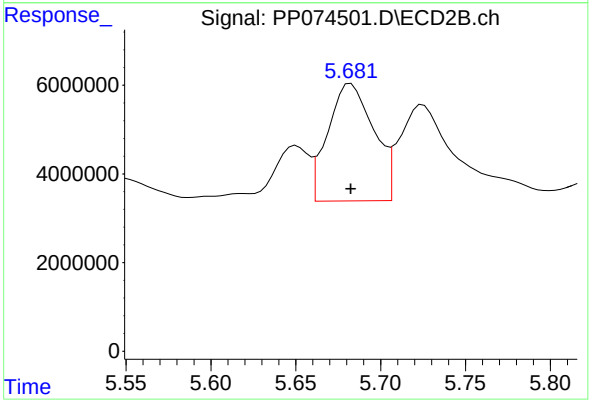
R.T.: 5.162 min
Delta R.T.: 0.001 min
Response: 59767526
Conc: 362.70 ng/ml



#20 AR-1242-5

R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 9712723
Conc: 290.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



#20 AR-1242-5

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 49681879
Conc: 260.43 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074502.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:00
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:33:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.656	3.798	6391941	16722681	5.292	3.430 #
2)	SA Decachlor...	10.435	8.815	5418588	33484970	5.162	4.535
	Target Compounds						
16)	L4 AR-1242-1	5.808	4.899	2152801	19201283	56.482	45.527
17)	L4 AR-1242-2	5.829	4.955	3235335	8891532	57.580	44.395
18)	L4 AR-1242-3	5.893	5.077	2870037	5679652	70.403	48.011 #
19)	L4 AR-1242-4	5.989	5.158	2122697	15059806	65.480	90.720 #
20)	L4 AR-1242-5	6.718	5.680	2757635	8137241	78.060	43.946 #

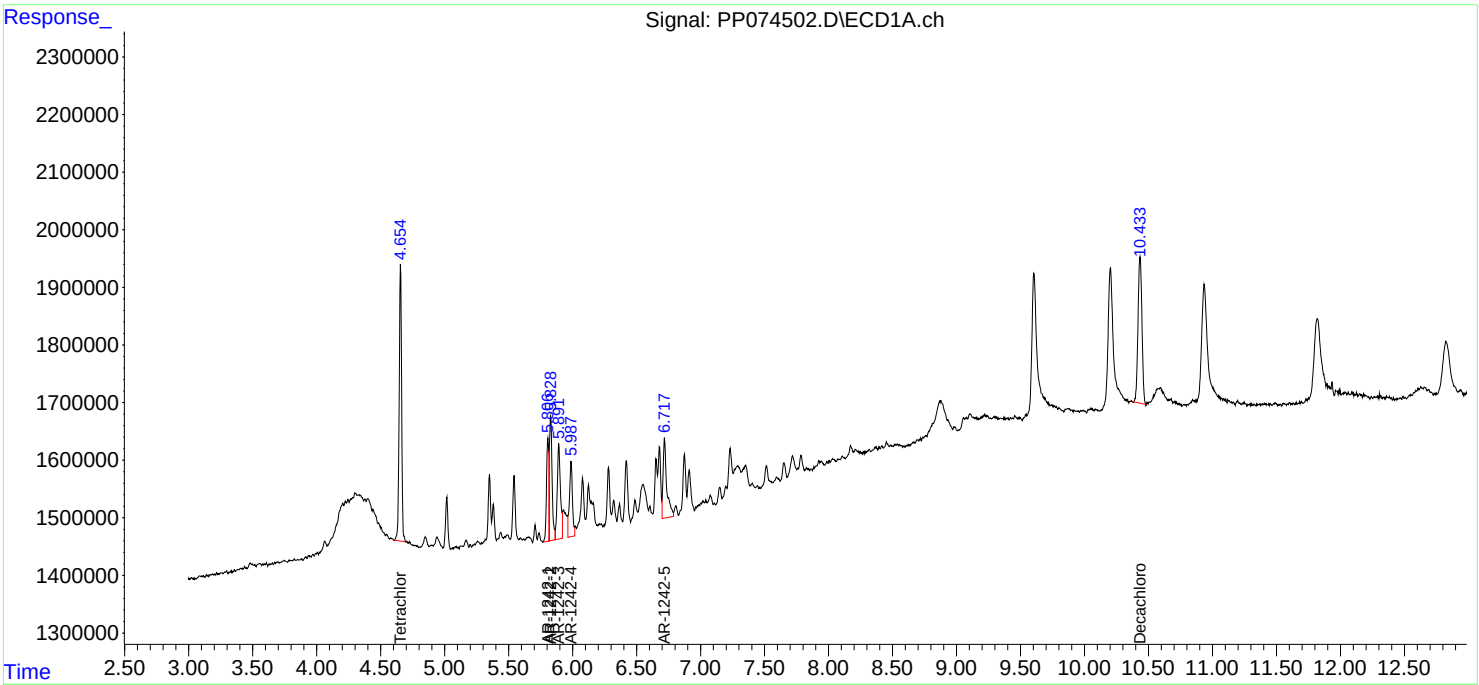
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

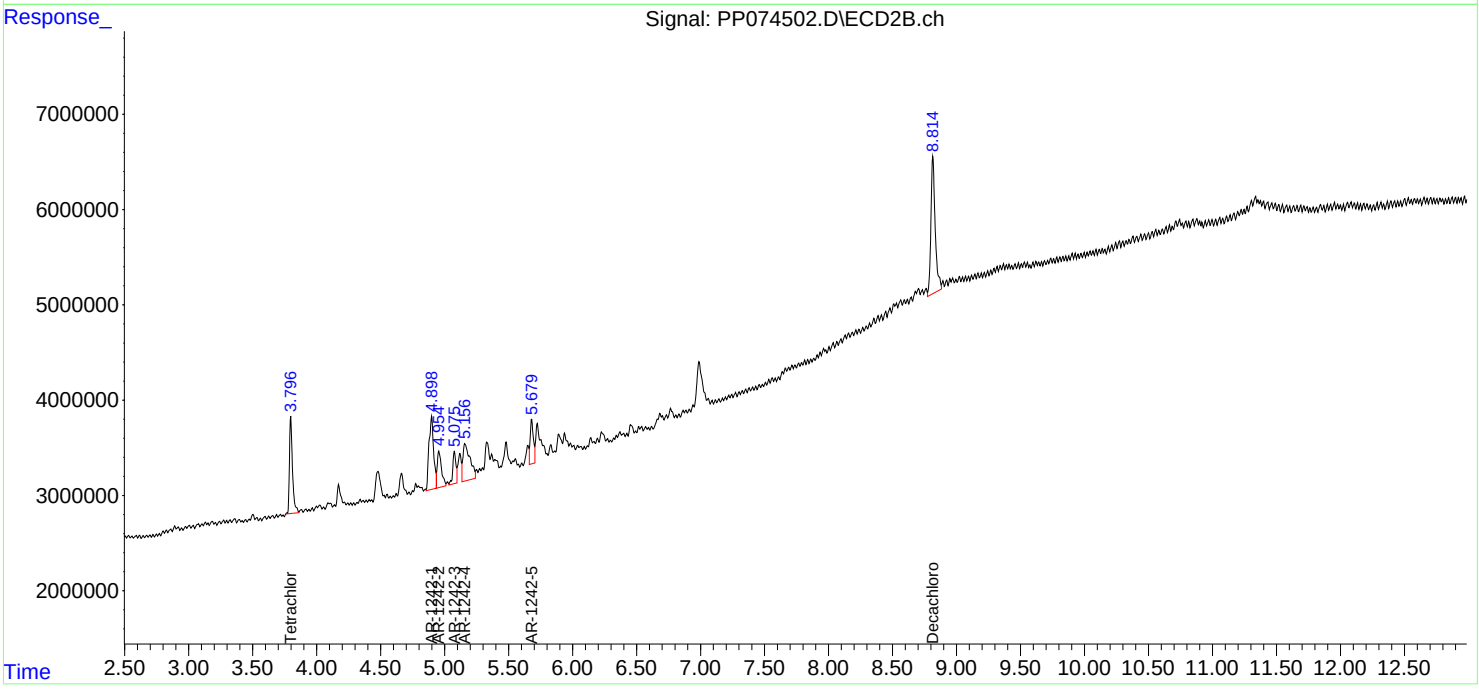
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074502.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:00
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

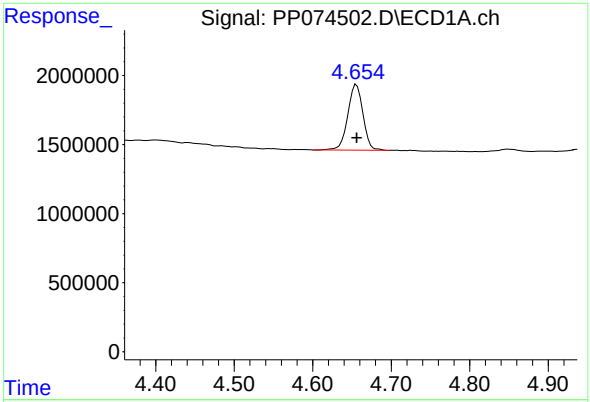
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:33:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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



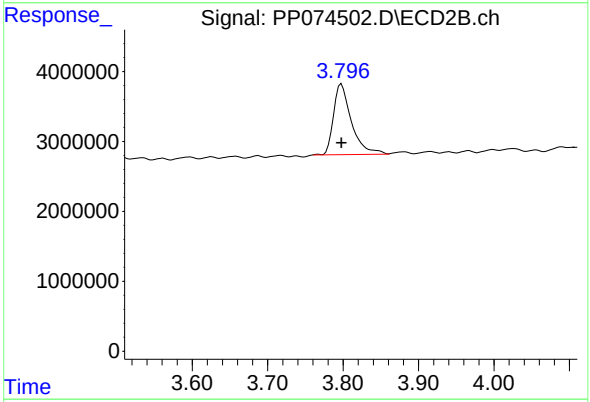




#1 Tetrachloro-m-xylene

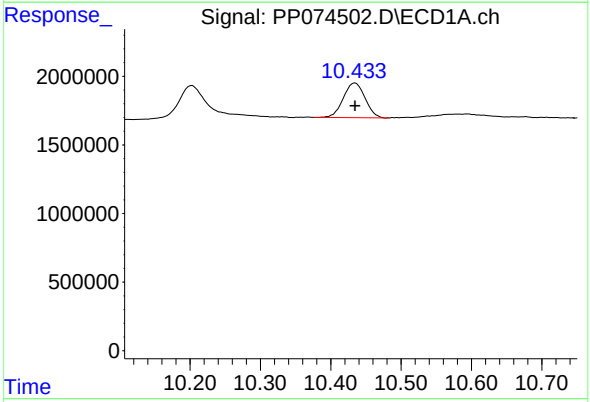
R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 6391941
Conc: 5.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



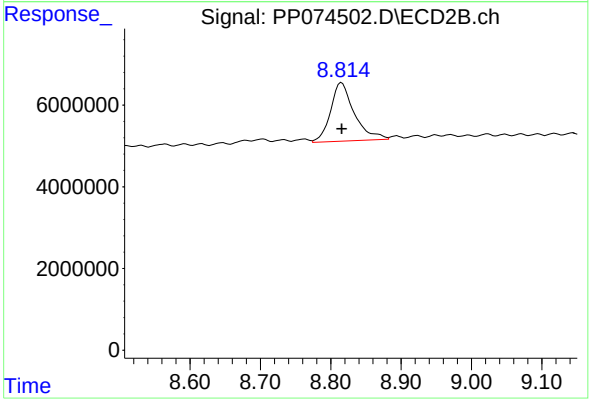
#1 Tetrachloro-m-xylene

R.T.: 3.798 min
Delta R.T.: 0.000 min
Response: 16722681
Conc: 3.43 ng/ml



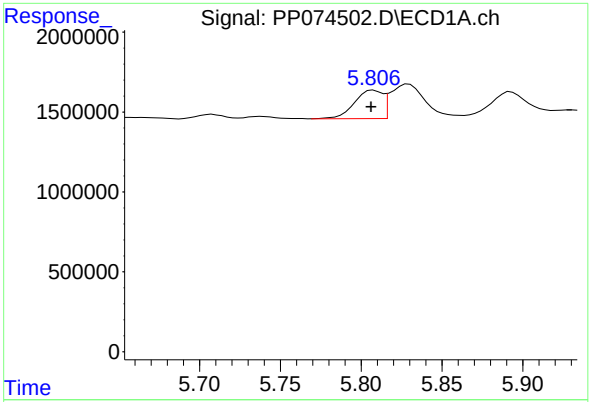
#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: 0.000 min
Response: 5418588
Conc: 5.16 ng/ml



#2 Decachlorobiphenyl

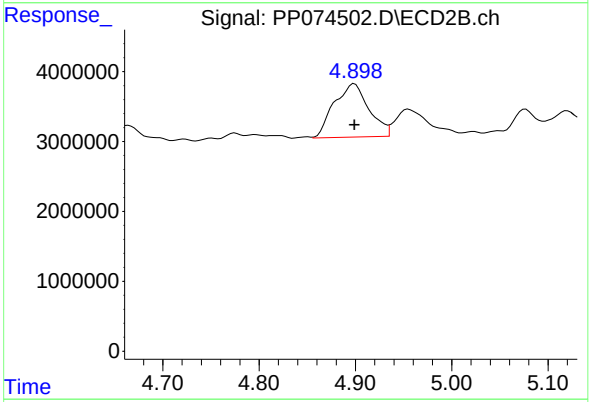
R.T.: 8.815 min
Delta R.T.: 0.000 min
Response: 33484970
Conc: 4.53 ng/ml



#16 AR-1242-1

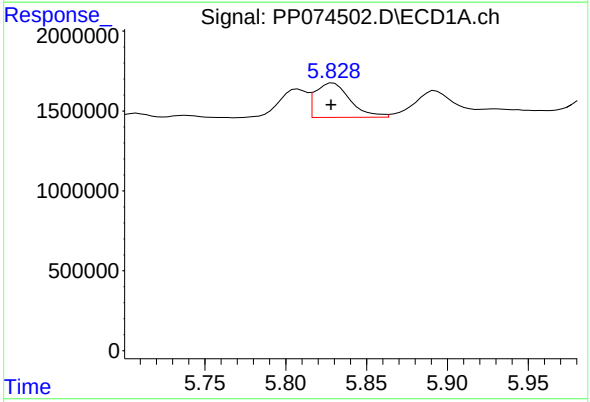
R.T.: 5.808 min
Delta R.T.: 0.001 min
Response: 2152801
Conc: 56.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



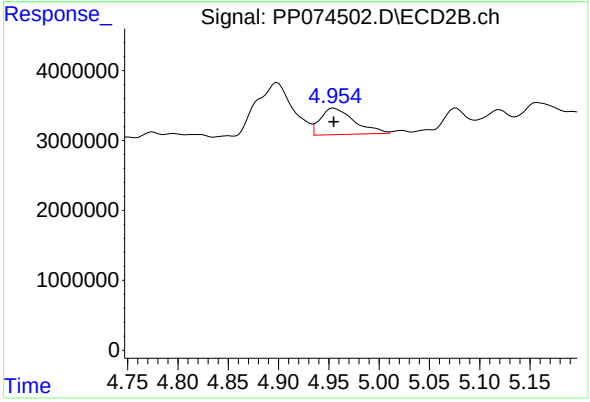
#16 AR-1242-1

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 19201283
Conc: 45.53 ng/ml



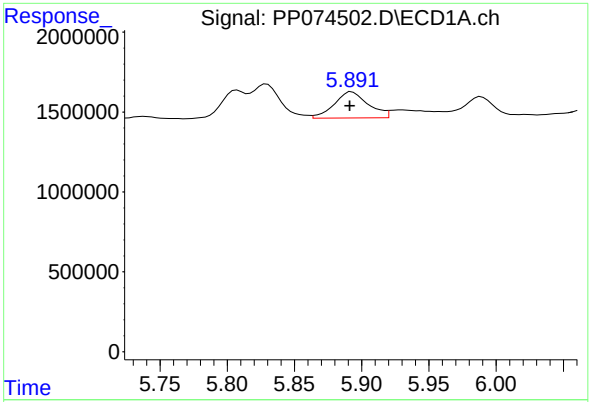
#17 AR-1242-2

R.T.: 5.829 min
Delta R.T.: 0.001 min
Response: 3235335
Conc: 57.58 ng/ml



#17 AR-1242-2

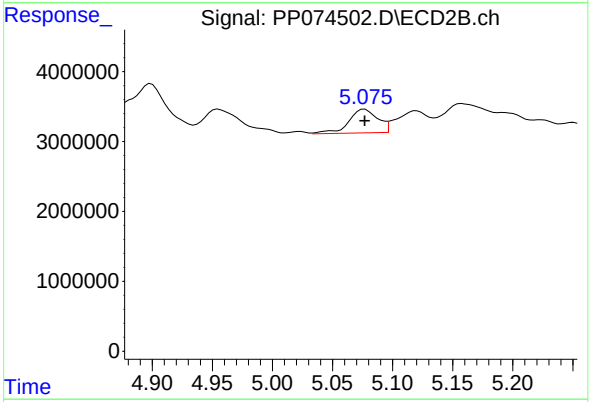
R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 8891532
Conc: 44.39 ng/ml



#18 AR-1242-3

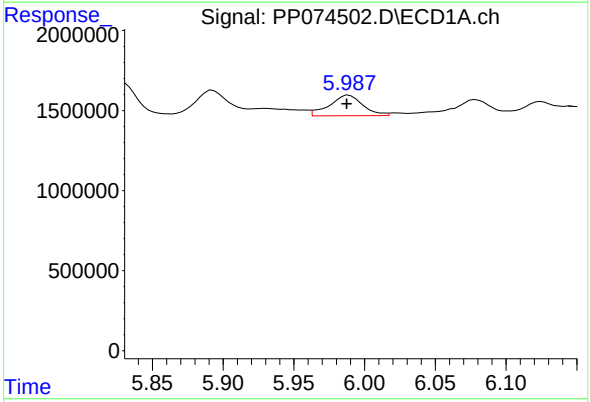
R.T.: 5.893 min
Delta R.T.: 0.001 min
Response: 2870037
Conc: 70.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



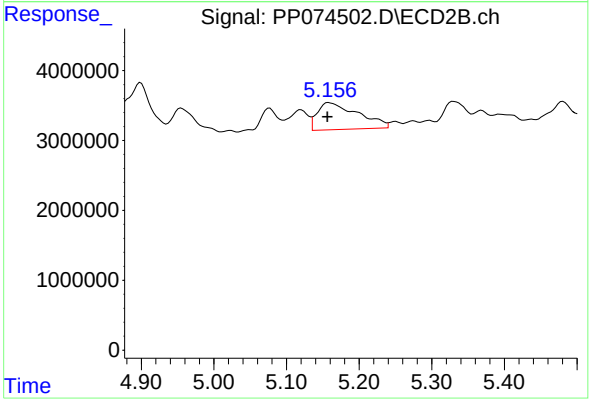
#18 AR-1242-3

R.T.: 5.077 min
Delta R.T.: 0.000 min
Response: 5679652
Conc: 48.01 ng/ml



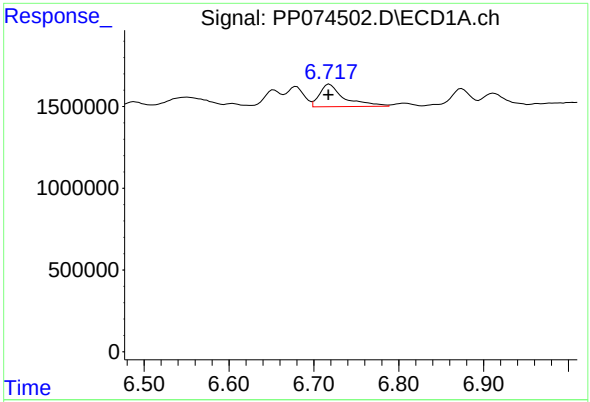
#19 AR-1242-4

R.T.: 5.989 min
Delta R.T.: 0.002 min
Response: 2122697
Conc: 65.48 ng/ml



#19 AR-1242-4

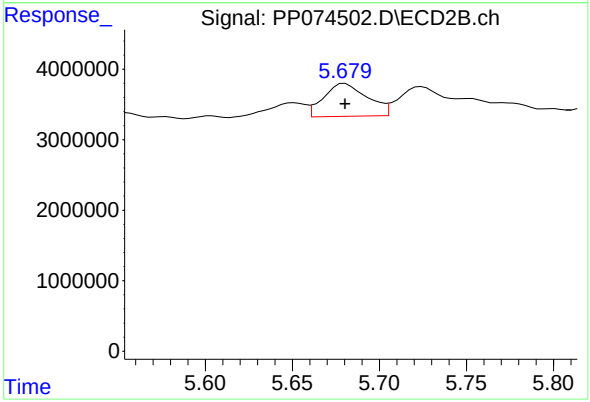
R.T.: 5.158 min
Delta R.T.: 0.002 min
Response: 15059806
Conc: 90.72 ng/ml



#20 AR-1242-5

R.T.: 6.718 min
Delta R.T.: 0.001 min
Response: 2757635
Conc: 78.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



#20 AR-1242-5

R.T.: 5.680 min
Delta R.T.: 0.000 min
Response: 8137241
Conc: 43.95 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074503.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:16
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: Aug 20 05:04:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 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...	4.655	3.800	110.1E6	492.2E6	91.706	99.983
2)	SA Decachlor...	10.435	8.815	95099389	736.2E6	88.794	93.998
	Target Compounds						
21)	L5 AR-1248-1	5.806	4.897	26825393	276.8E6	869.659	941.101
22)	L5 AR-1248-2	6.078	5.118	37601198	170.4E6	870.163	925.395
23)	L5 AR-1248-3	6.281	5.158	41457218	321.7E6	885.508	1413.224 #
24)	L5 AR-1248-4	6.679	5.331	47576379	216.0E6	874.270	940.843
25)	L5 AR-1248-5	6.718	5.721	47007884	365.9E6	868.926	946.465

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

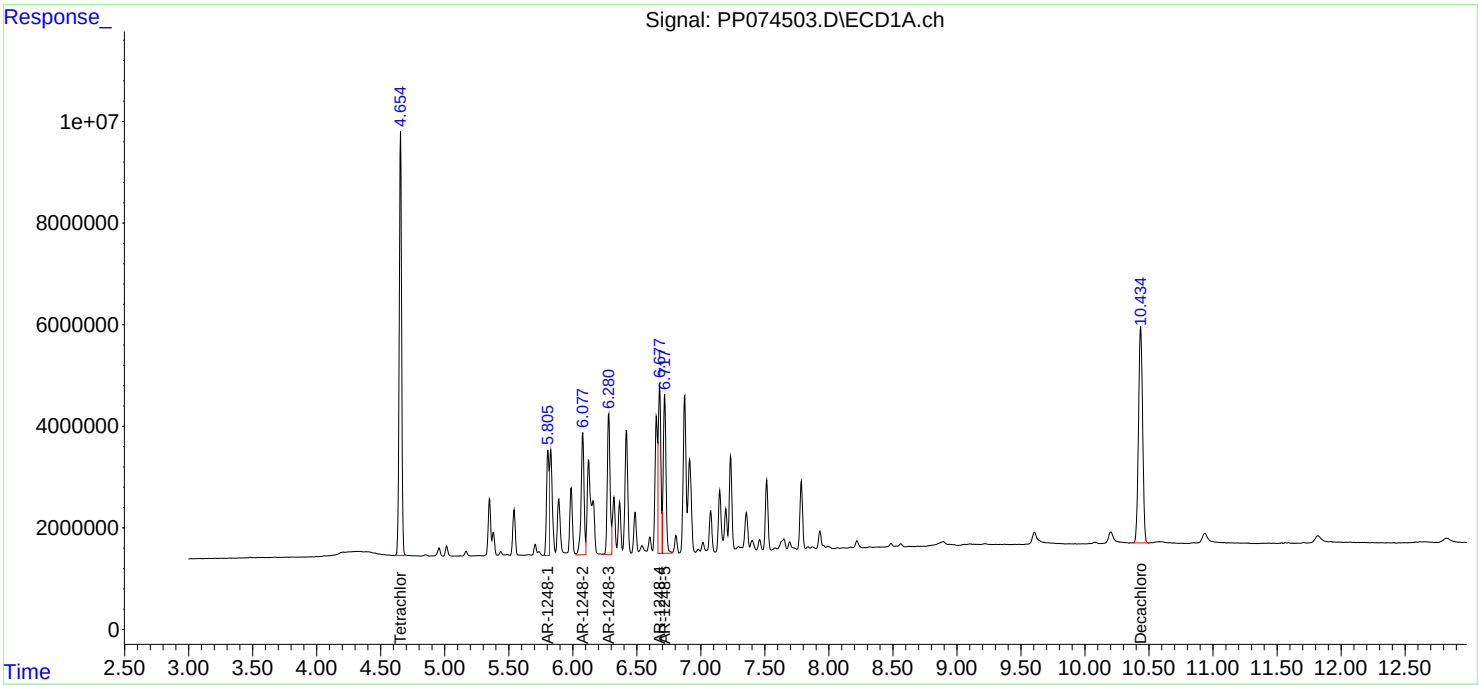
Quantitation Report (Not Reviewed)

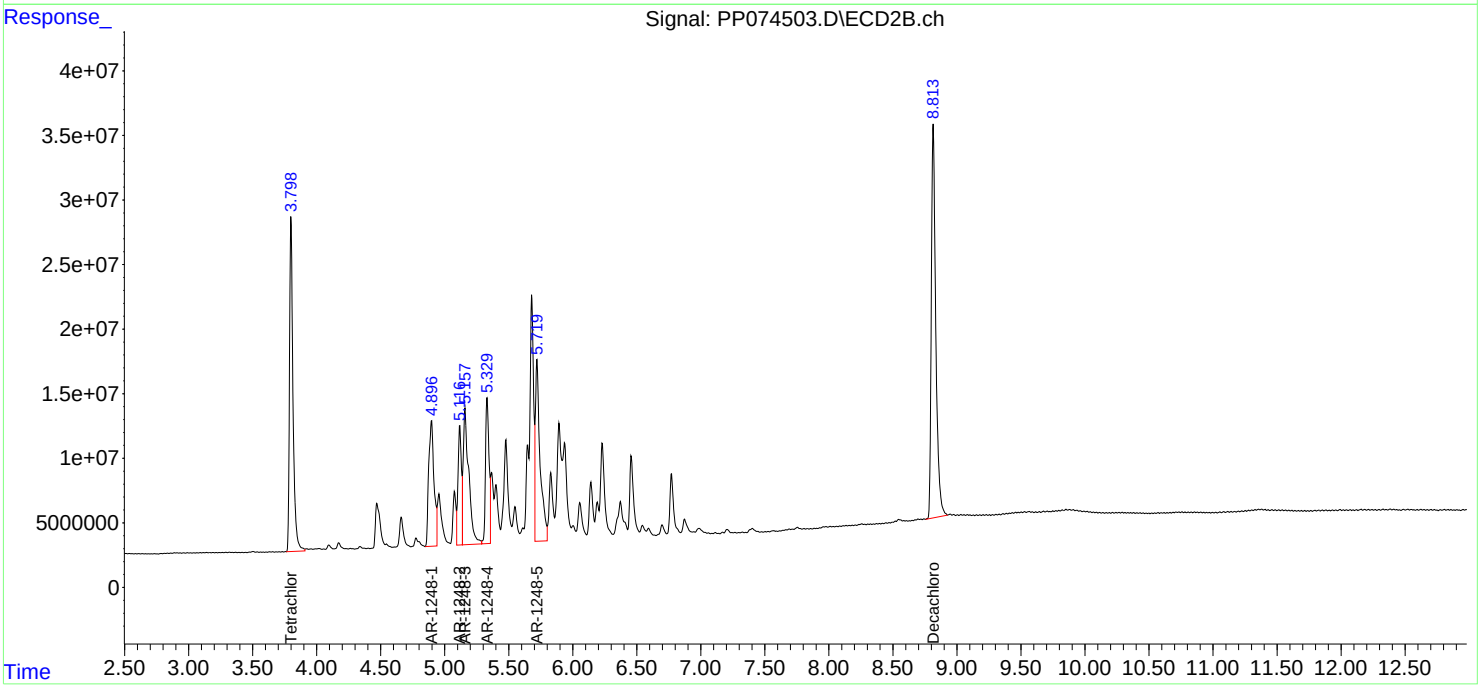
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074503.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:16
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

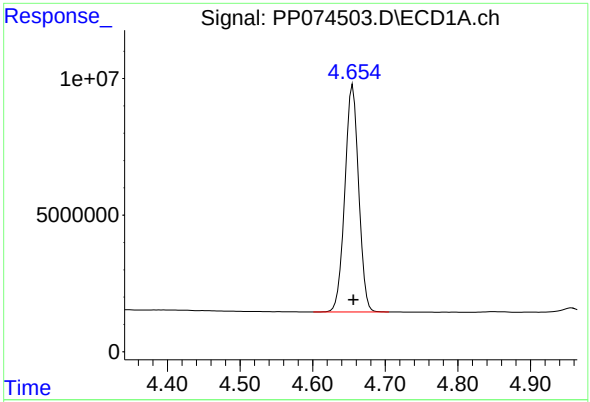
Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:04:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 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



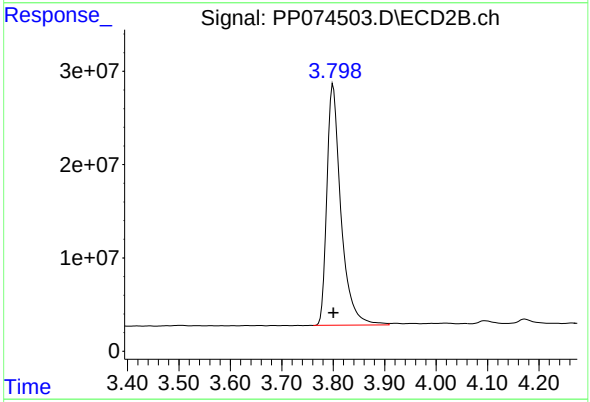




#1 Tetrachloro-m-xylene

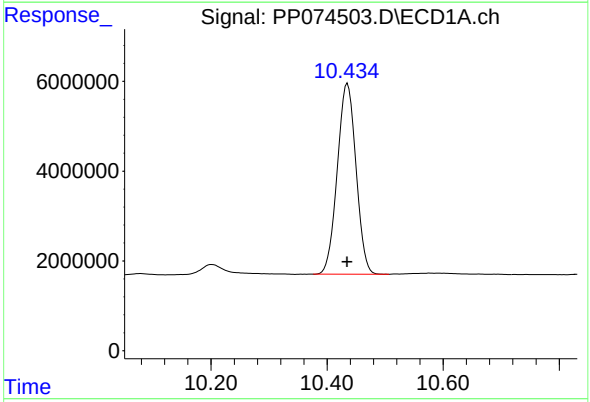
R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 110099195
Conc: 91.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



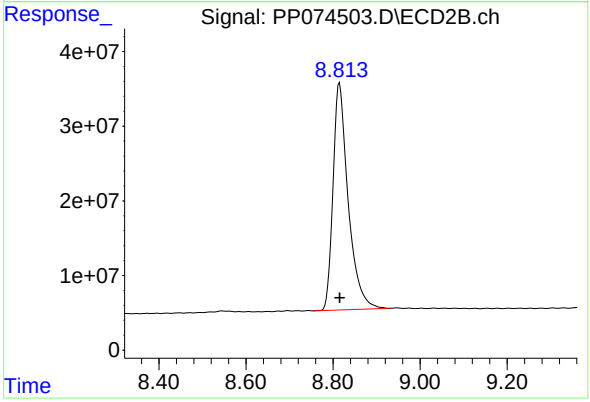
#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 492177520
Conc: 99.98 ng/ml



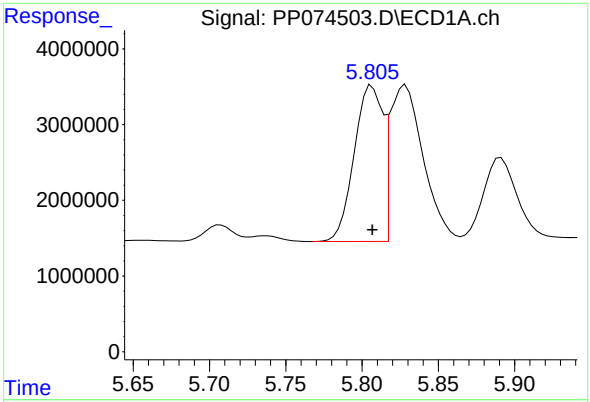
#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: 0.000 min
Response: 95099389
Conc: 88.79 ng/ml



#2 Decachlorobiphenyl

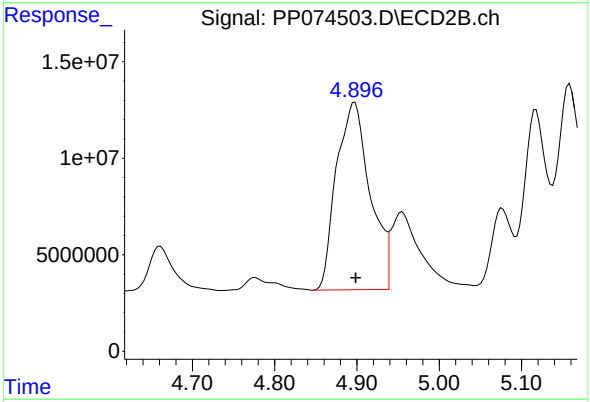
R.T.: 8.815 min
Delta R.T.: 0.000 min
Response: 736217044
Conc: 94.00 ng/ml



#21 AR-1248-1

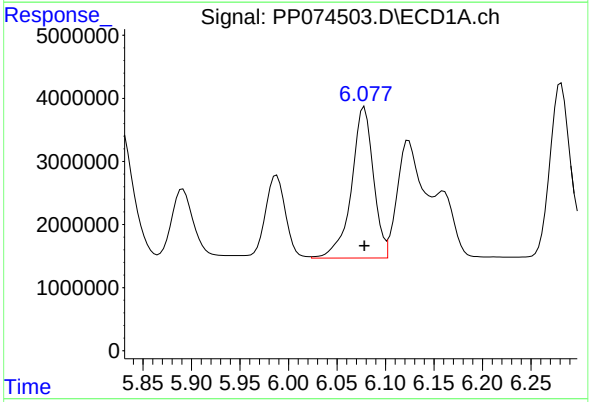
R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 26825393
Conc: 869.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



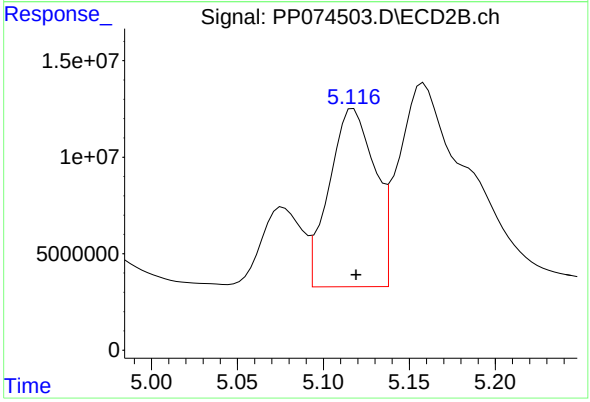
#21 AR-1248-1

R.T.: 4.897 min
Delta R.T.: -0.001 min
Response: 276787529
Conc: 941.10 ng/ml



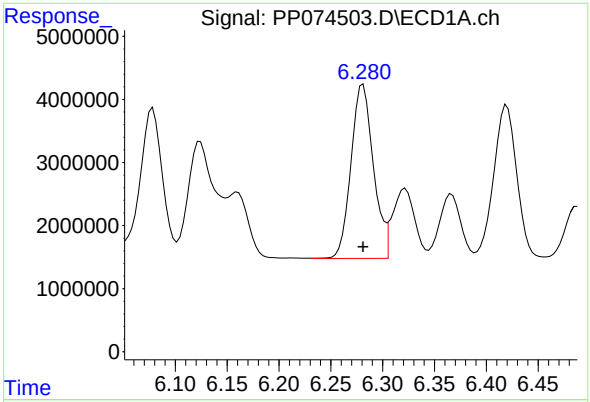
#22 AR-1248-2

R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 37601198
Conc: 870.16 ng/ml



#22 AR-1248-2

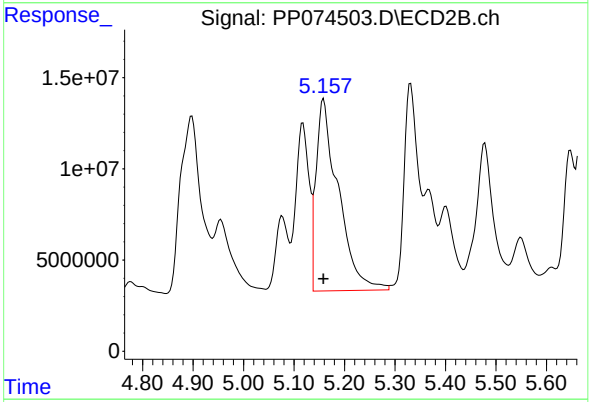
R.T.: 5.118 min
Delta R.T.: -0.001 min
Response: 170428062
Conc: 925.40 ng/ml



#23 AR-1248-3

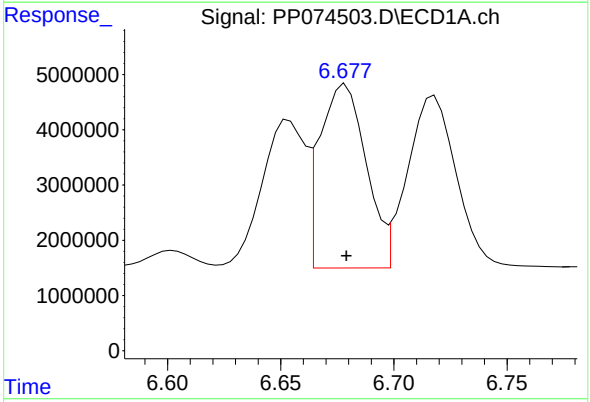
R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 41457218
Conc: 885.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



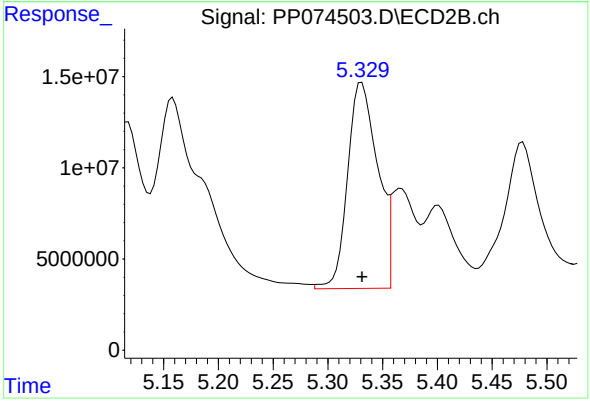
#23 AR-1248-3

R.T.: 5.158 min
Delta R.T.: 0.000 min
Response: 321682829
Conc: 1413.22 ng/ml



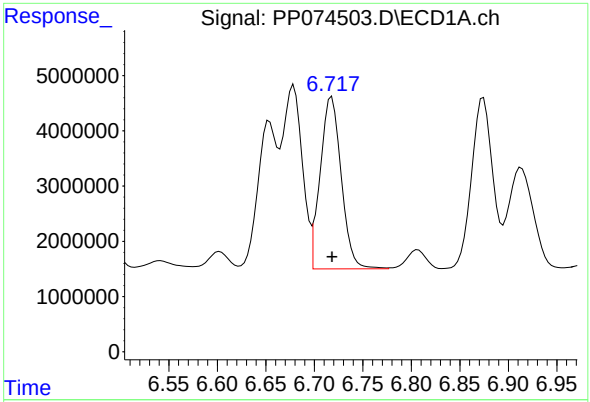
#24 AR-1248-4

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 47576379
Conc: 874.27 ng/ml



#24 AR-1248-4

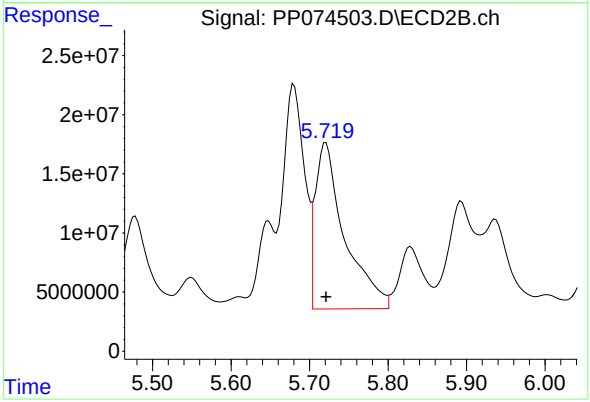
R.T.: 5.331 min
Delta R.T.: 0.000 min
Response: 216013976
Conc: 940.84 ng/ml



#25 AR-1248-5

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 47007884
Conc: 868.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



#25 AR-1248-5

R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 365899980
Conc: 946.47 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074504.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:33
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: Aug 20 05:05:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 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...	4.659	3.803	86008422	395.4E6	71.640	80.329
2)	SA Decachlor...	10.439	8.818	75691794	571.8E6	70.673	72.999
	Target Compounds						
21)	L5 AR-1248-1	5.810	4.902	21304287	204.7E6	690.669	696.142
22)	L5 AR-1248-2	6.082	5.122	29923107	132.7E6	692.477	720.722
23)	L5 AR-1248-3	6.284	5.163	32832116	242.9E6	701.279	1067.215 #
24)	L5 AR-1248-4	6.682	5.334	38171735	166.6E6	701.449	725.726
25)	L5 AR-1248-5	6.721	5.724	37544119	283.6E6	693.991	733.686

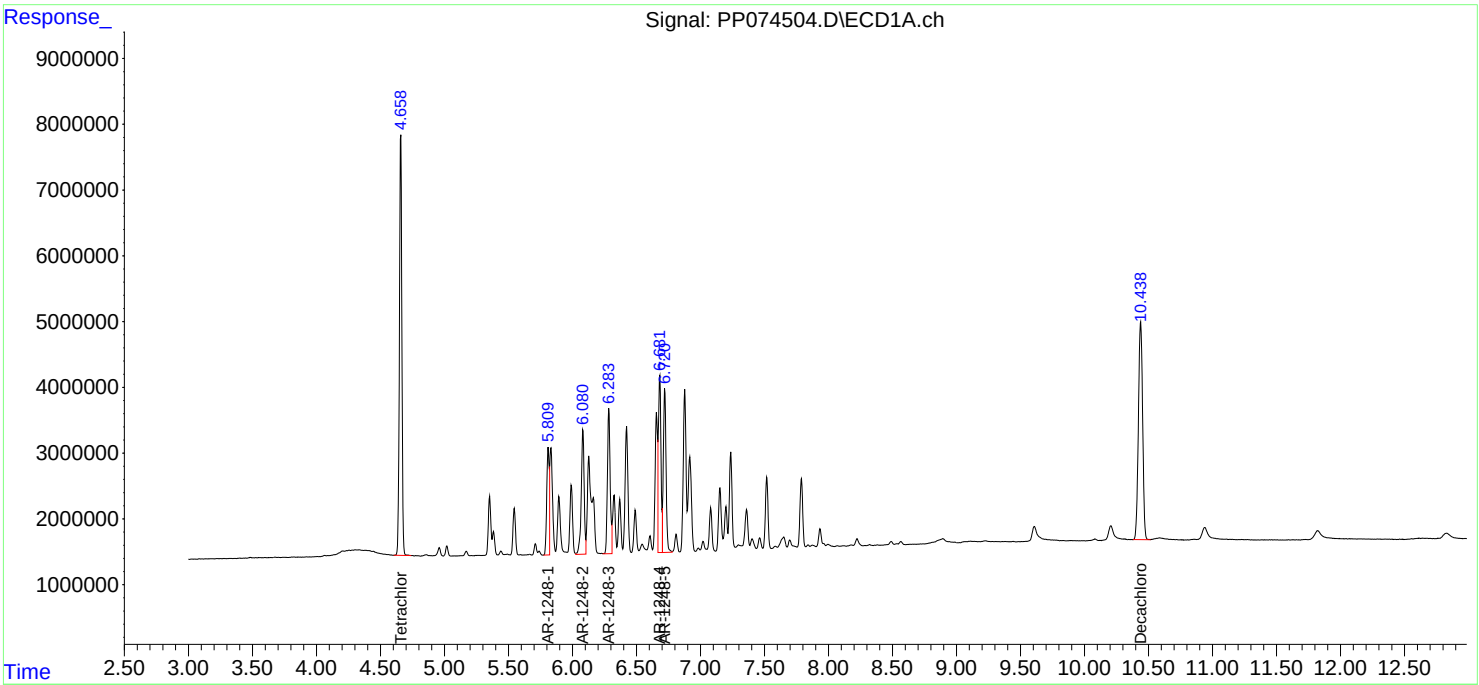
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

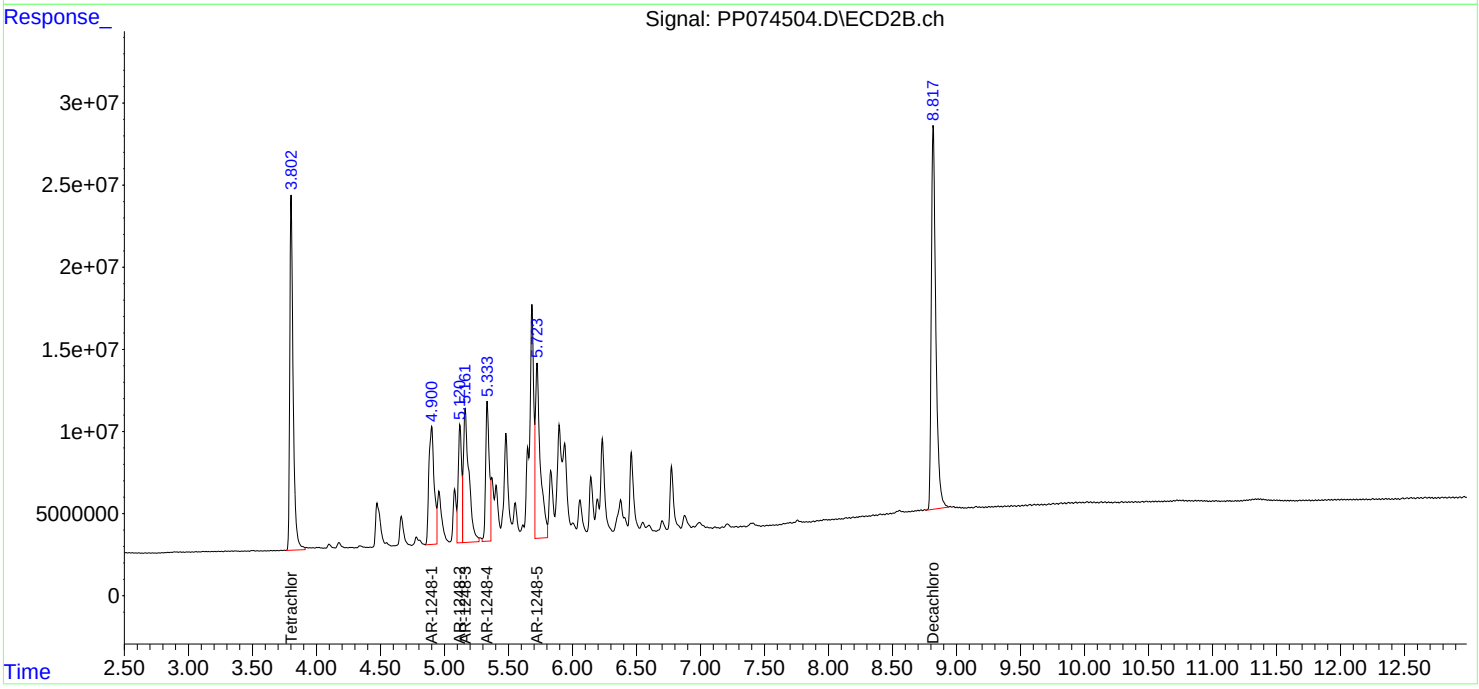
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074504.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:33
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

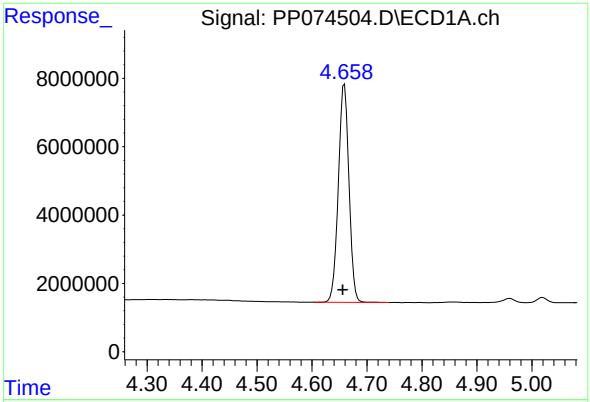
Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 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



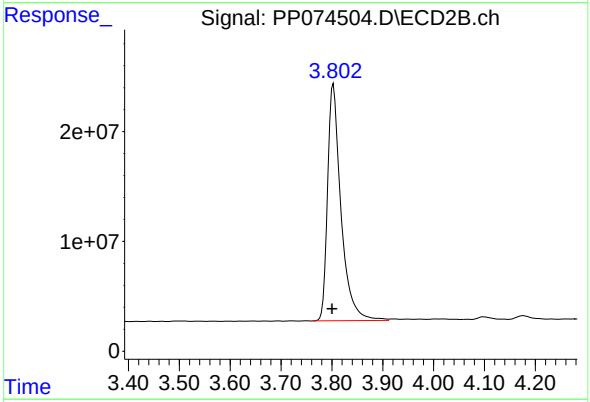




#1 Tetrachloro-m-xylene

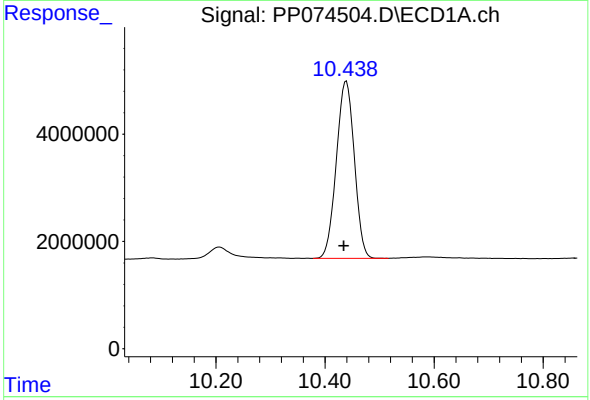
R.T.: 4.659 min
Delta R.T.: 0.003 min
Response: 86008422
Conc: 71.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



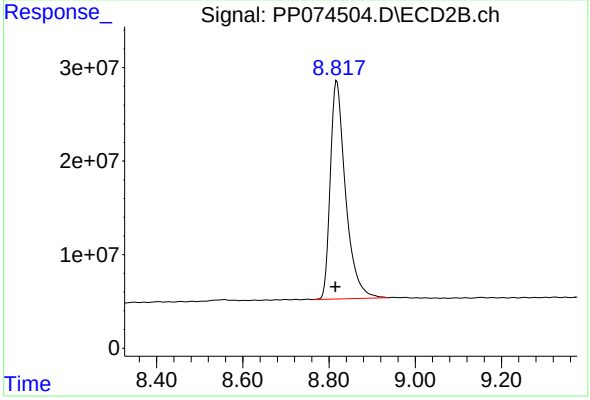
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.002 min
Response: 395428187
Conc: 80.33 ng/ml



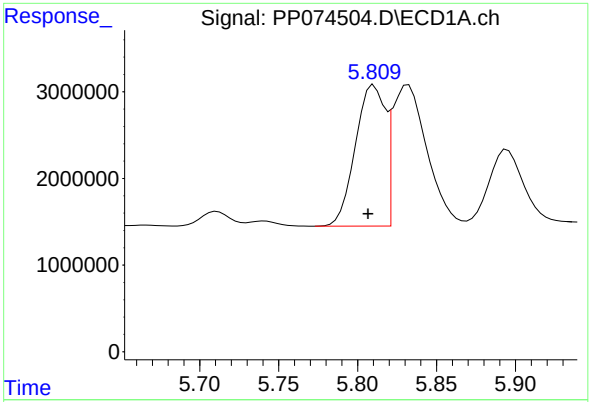
#2 Decachlorobiphenyl

R.T.: 10.439 min
Delta R.T.: 0.004 min
Response: 75691794
Conc: 70.67 ng/ml



#2 Decachlorobiphenyl

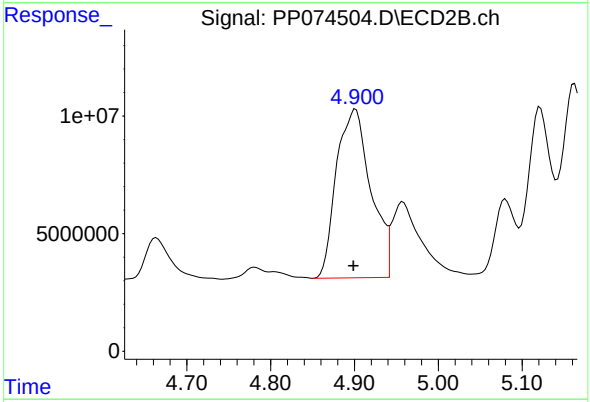
R.T.: 8.818 min
Delta R.T.: 0.003 min
Response: 571751151
Conc: 73.00 ng/ml



#21 AR-1248-1

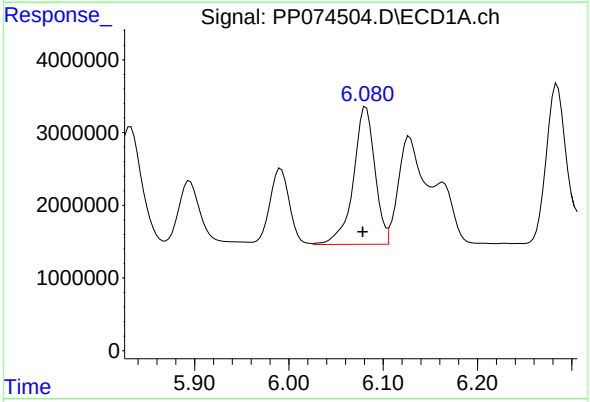
R.T.: 5.810 min
Delta R.T.: 0.004 min
Response: 21304287
Conc: 690.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



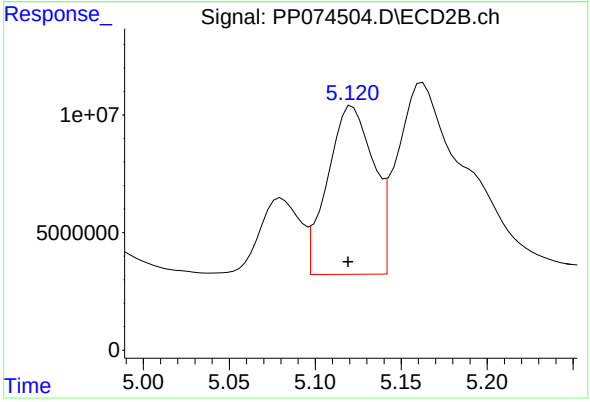
#21 AR-1248-1

R.T.: 4.902 min
Delta R.T.: 0.003 min
Response: 204742425
Conc: 696.14 ng/ml



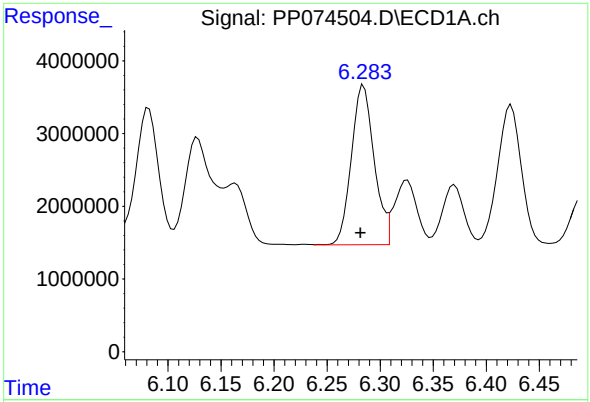
#22 AR-1248-2

R.T.: 6.082 min
Delta R.T.: 0.003 min
Response: 29923107
Conc: 692.48 ng/ml



#22 AR-1248-2

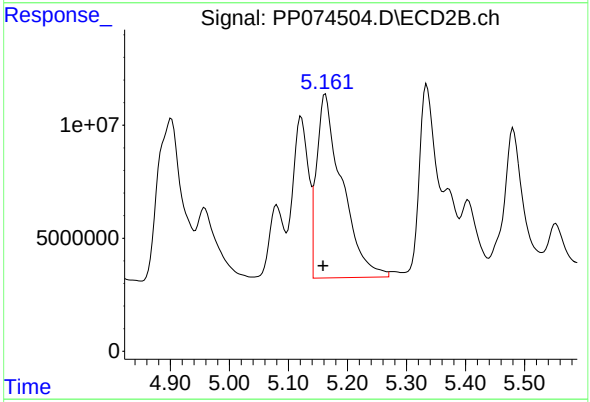
R.T.: 5.122 min
Delta R.T.: 0.003 min
Response: 132733755
Conc: 720.72 ng/ml



#23 AR-1248-3

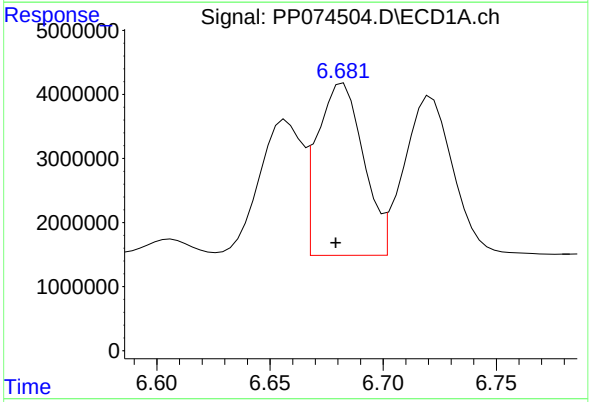
R.T.: 6.284 min
Delta R.T.: 0.003 min
Response: 32832116
Conc: 701.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



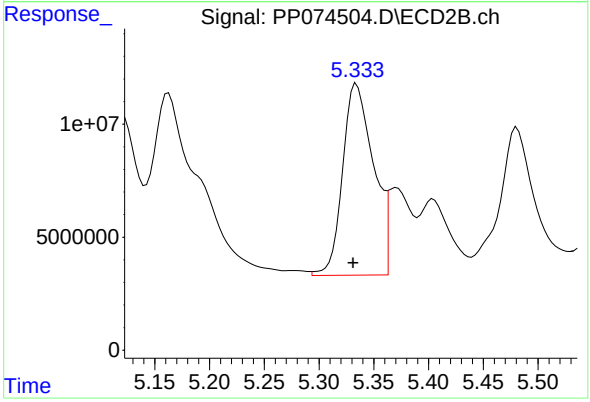
#23 AR-1248-3

R.T.: 5.163 min
Delta R.T.: 0.004 min
Response: 242923221
Conc: 1067.22 ng/ml



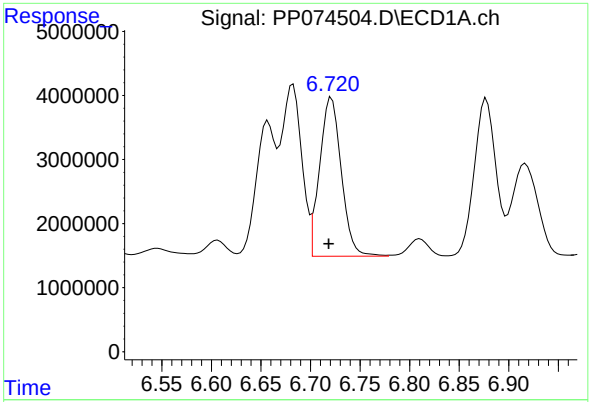
#24 AR-1248-4

R.T.: 6.682 min
Delta R.T.: 0.003 min
Response: 38171735
Conc: 701.45 ng/ml



#24 AR-1248-4

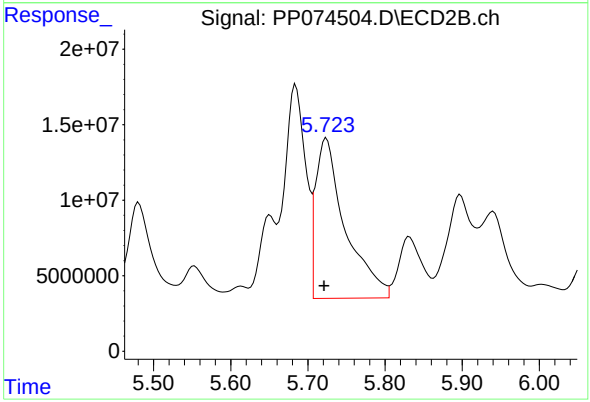
R.T.: 5.334 min
Delta R.T.: 0.003 min
Response: 166624074
Conc: 725.73 ng/ml



#25 AR-1248-5

R.T.: 6.721 min
Delta R.T.: 0.003 min
Response: 37544119
Conc: 693.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



#25 AR-1248-5

R.T.: 5.724 min
Delta R.T.: 0.003 min
Response: 283640150
Conc: 733.69 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074505.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:49
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: Aug 20 05:05:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 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...	4.656	3.801	60028320	246.1E6	50.000	50.000
2)	SA Decachlor...	10.435	8.815	53550623	391.6E6	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	5.807	4.899	15422936	147.1E6	500.000	500.000
22)	L5 AR-1248-2	6.078	5.119	21605843	92083909	500.000	500.000
23)	L5 AR-1248-3	6.281	5.160	23408730	164.8E6	500.000	723.889 #
24)	L5 AR-1248-4	6.679	5.331	27209215	114.8E6	500.000	500.000
25)	L5 AR-1248-5	6.718	5.721	27049432	193.3E6	500.000	500.000

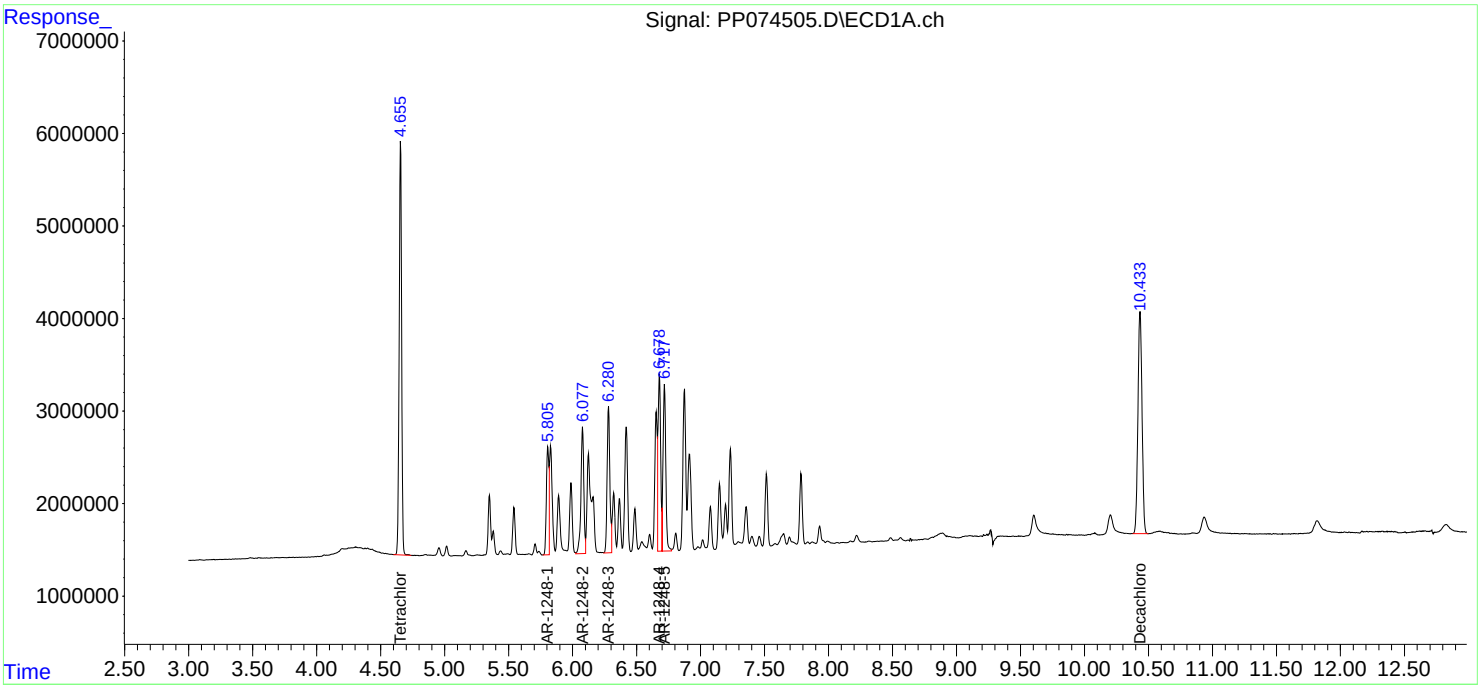
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

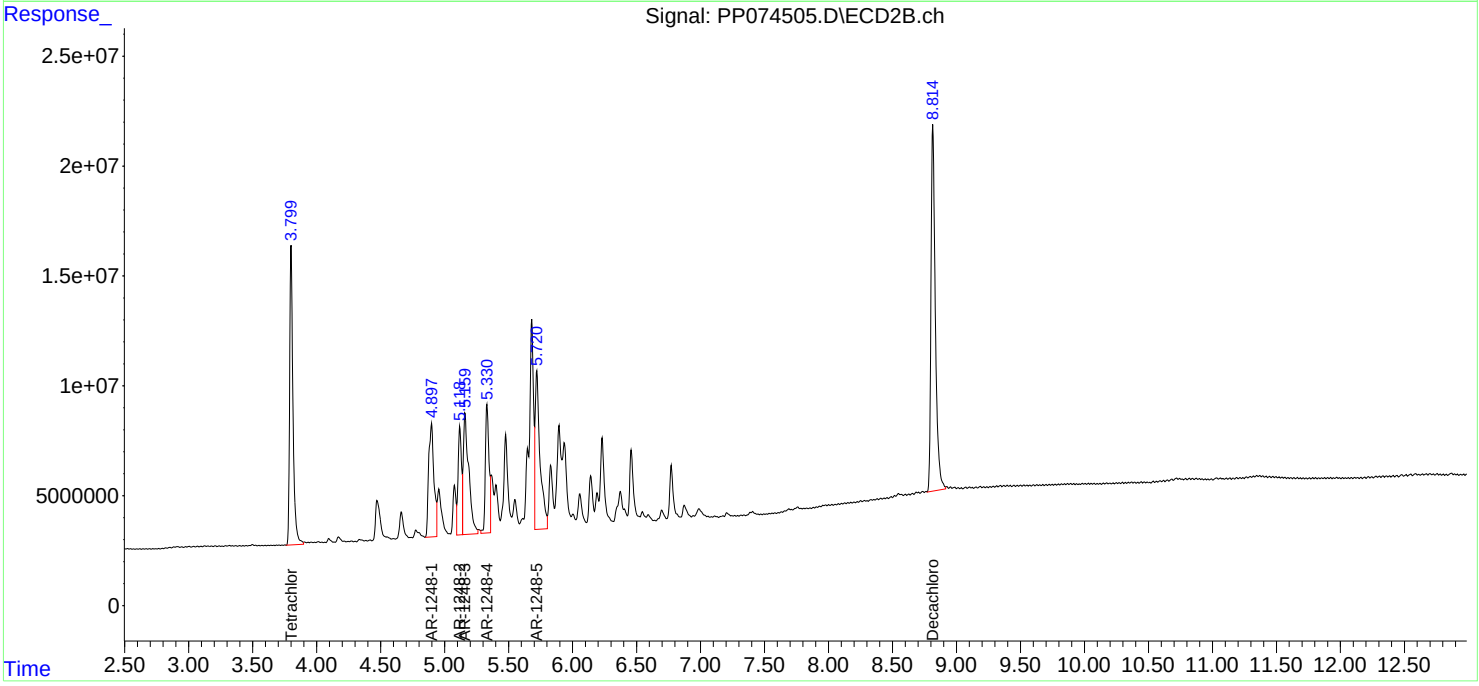
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074505.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:49
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

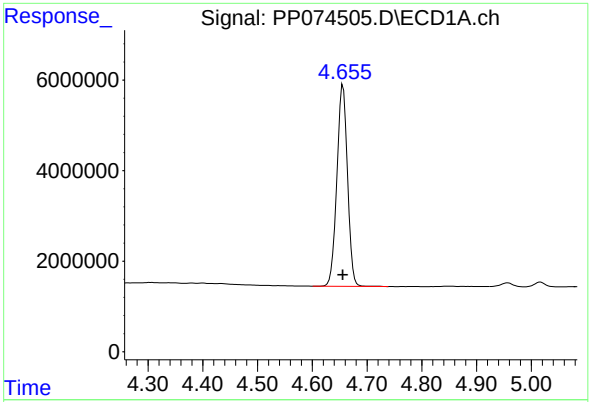
Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 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



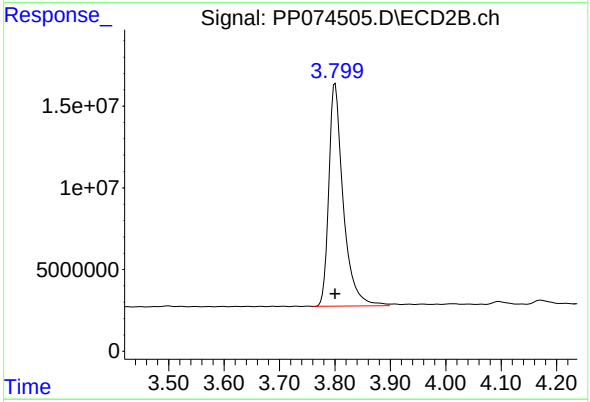




#1 Tetrachloro-m-xylene

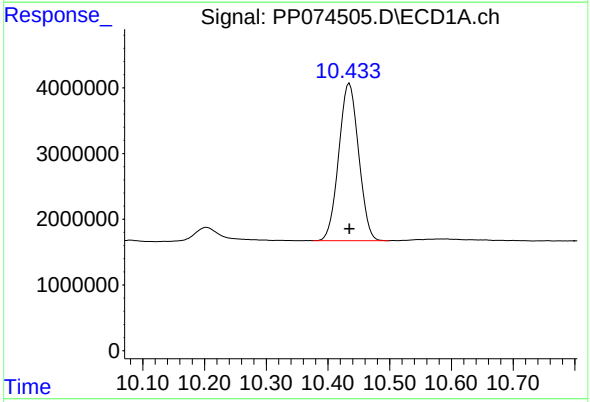
R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 60028320
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



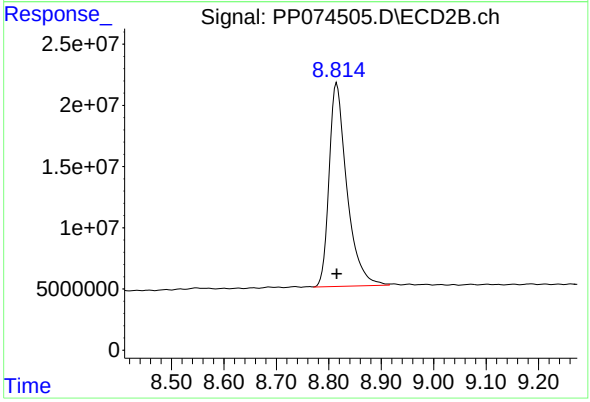
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 246130771
Conc: 50.00 ng/ml



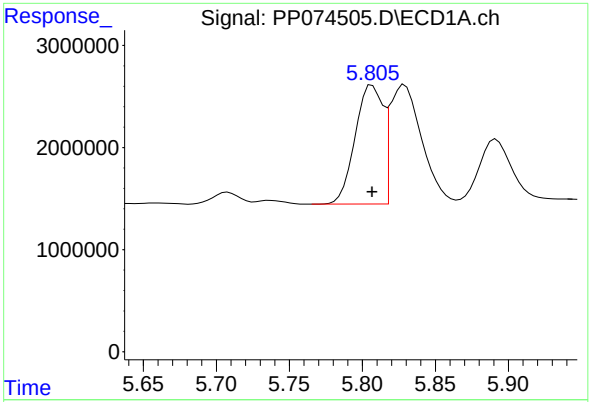
#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: 0.000 min
Response: 53550623
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

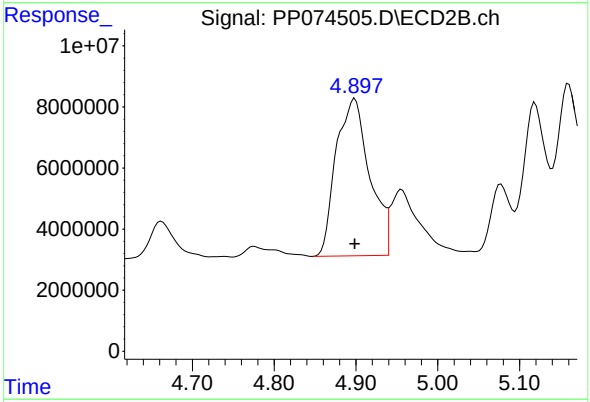
R.T.: 8.815 min
Delta R.T.: 0.000 min
Response: 391614288
Conc: 50.00 ng/ml



#21 AR-1248-1

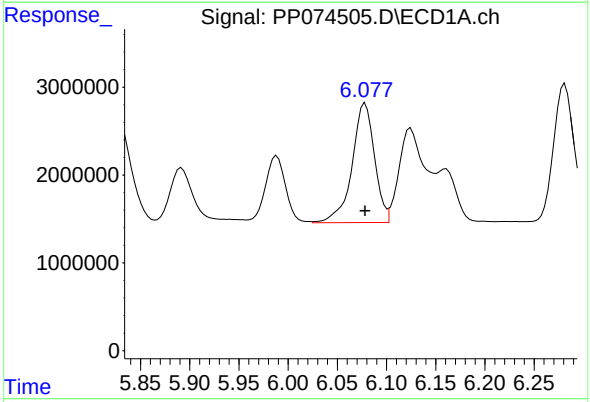
R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 15422936
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



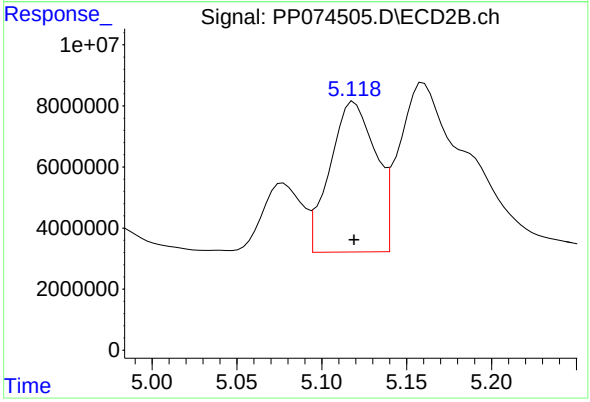
#21 AR-1248-1

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 147055095
Conc: 500.00 ng/ml



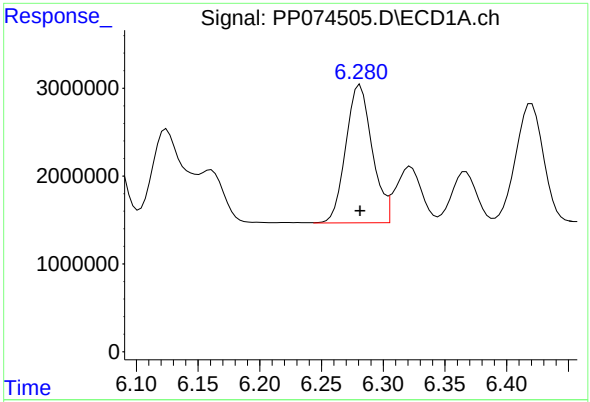
#22 AR-1248-2

R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 21605843
Conc: 500.00 ng/ml



#22 AR-1248-2

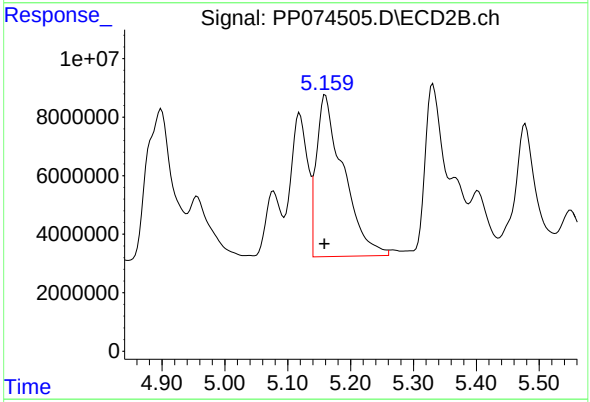
R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 92083909
Conc: 500.00 ng/ml



#23 AR-1248-3

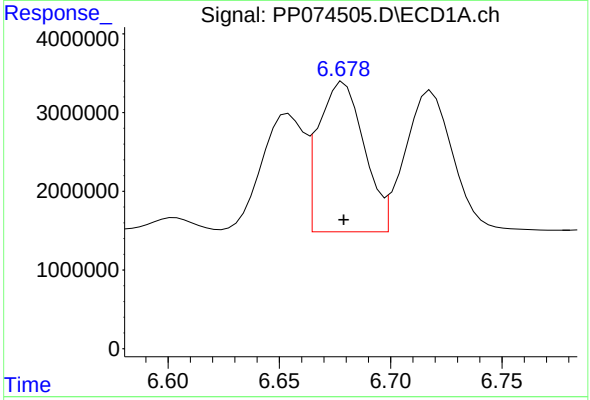
R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 23408730
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



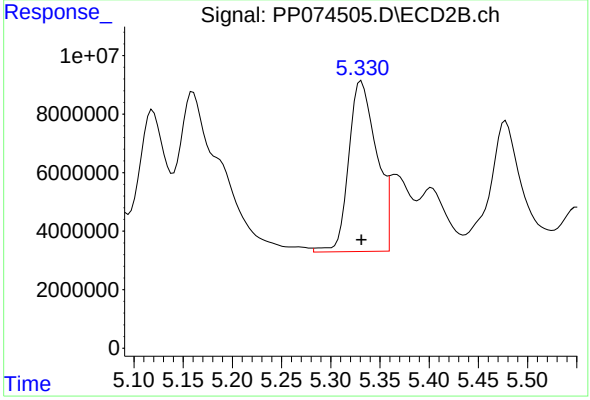
#23 AR-1248-3

R.T.: 5.160 min
Delta R.T.: 0.001 min
Response: 164774152
Conc: 723.89 ng/ml



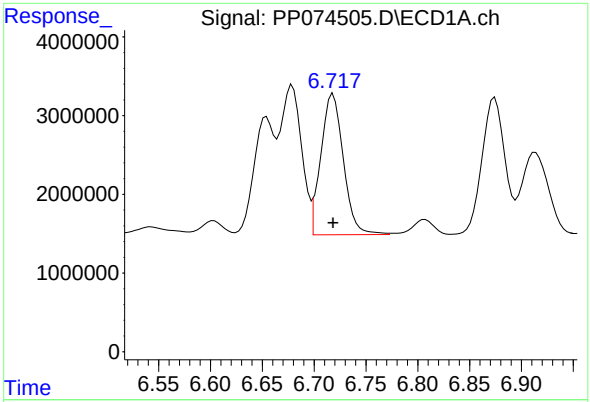
#24 AR-1248-4

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 27209215
Conc: 500.00 ng/ml



#24 AR-1248-4

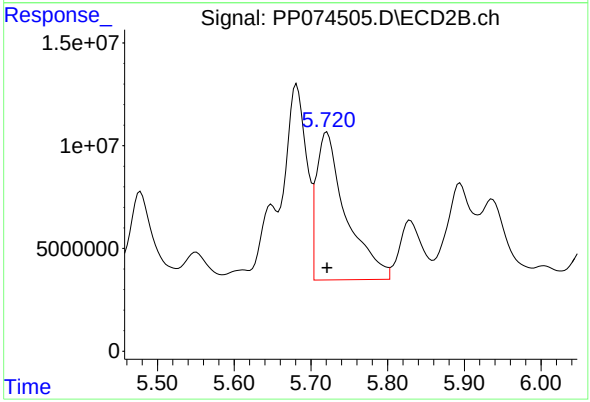
R.T.: 5.331 min
Delta R.T.: 0.000 min
Response: 114798132
Conc: 500.00 ng/ml



#25 AR-1248-5

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 27049432
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



#25 AR-1248-5

R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 193298180
Conc: 500.00 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074506.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:05
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: Aug 20 05:05:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 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...	4.657	3.800	31924312	118.9E6	26.591	24.146
2)	SA Decachlor...	10.436	8.815	29199630	195.8E6	27.264	24.994
	Target Compounds						
21)	L5 AR-1248-1	5.808	4.899	8518595	71878916	276.166	244.395
22)	L5 AR-1248-2	6.080	5.119	12195931	47171019	282.237	256.131
23)	L5 AR-1248-3	6.282	5.160	12988856	82985642	277.436	364.574 #
24)	L5 AR-1248-4	6.680	5.333	15166776	55484288	278.707	241.660
25)	L5 AR-1248-5	6.719	5.722	15479077	98298762	286.126	254.267

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

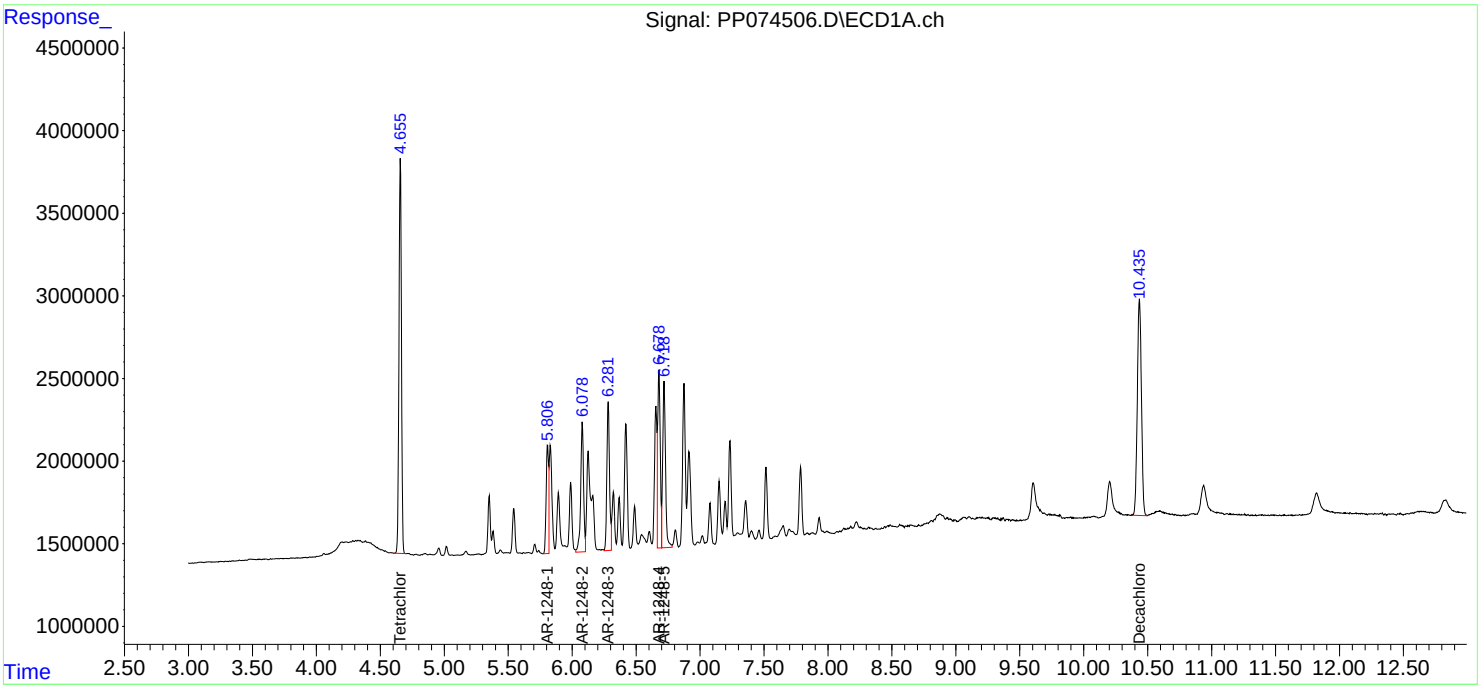
Quantitation Report (Not Reviewed)

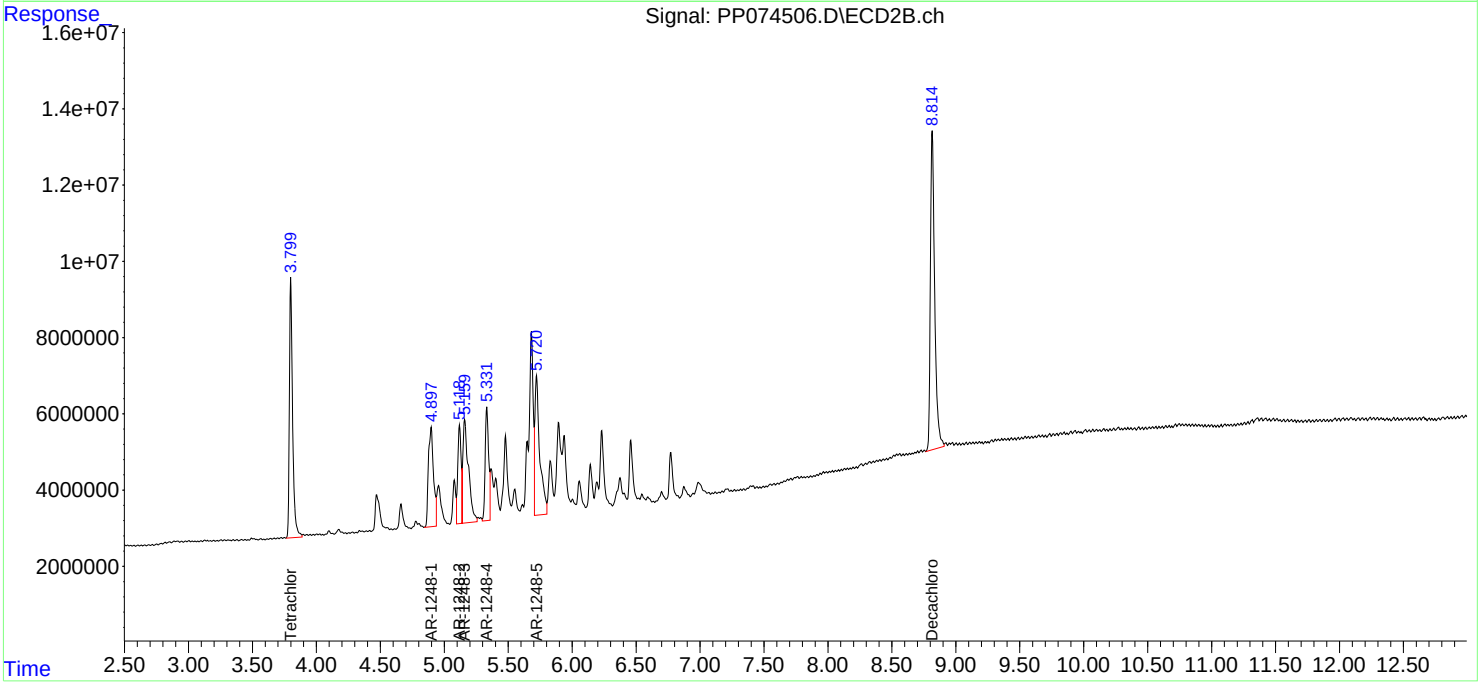
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074506.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:05
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

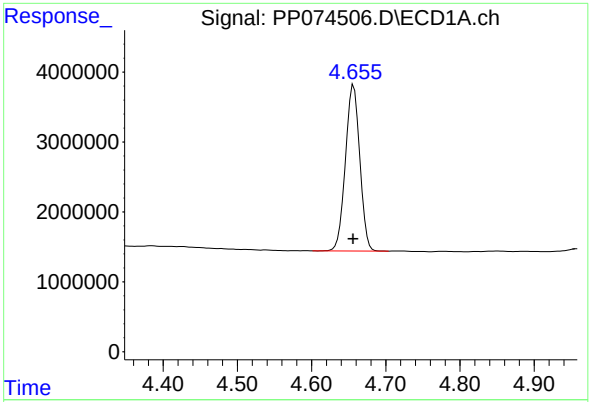
Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 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



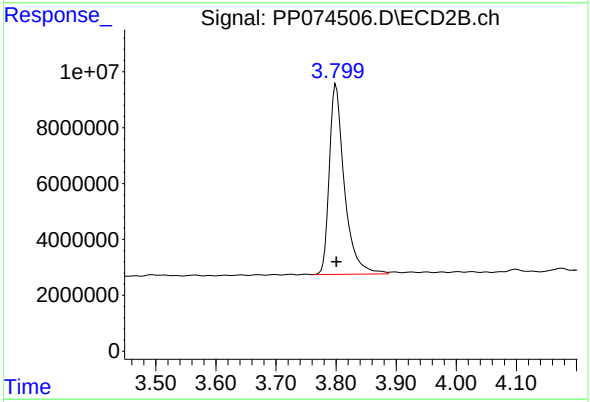




#1 Tetrachloro-m-xylene

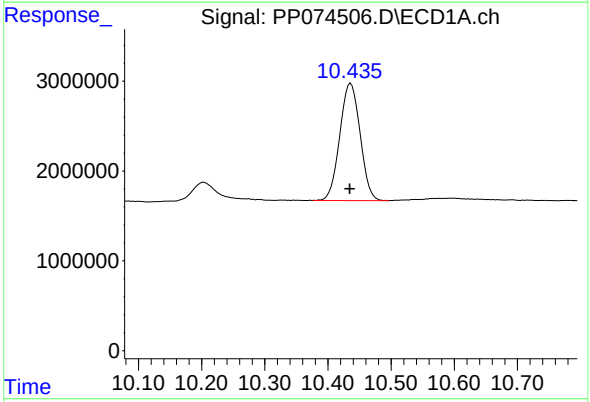
R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 31924312
Conc: 26.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



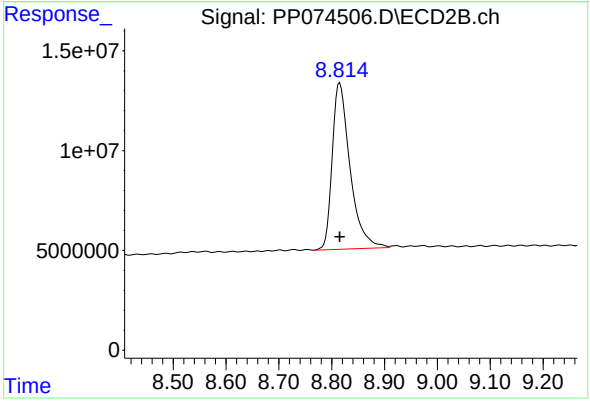
#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 118859923
Conc: 24.15 ng/ml



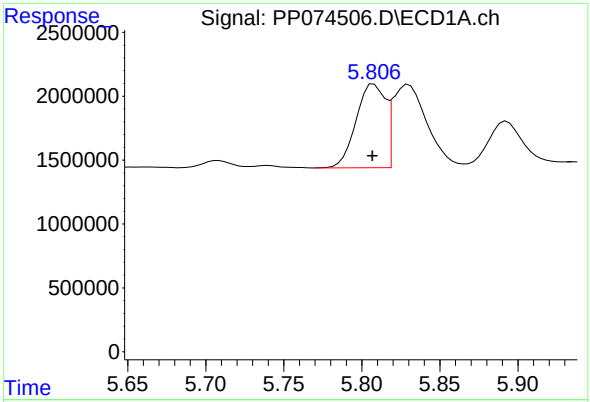
#2 Decachlorobiphenyl

R.T.: 10.436 min
Delta R.T.: 0.001 min
Response: 29199630
Conc: 27.26 ng/ml



#2 Decachlorobiphenyl

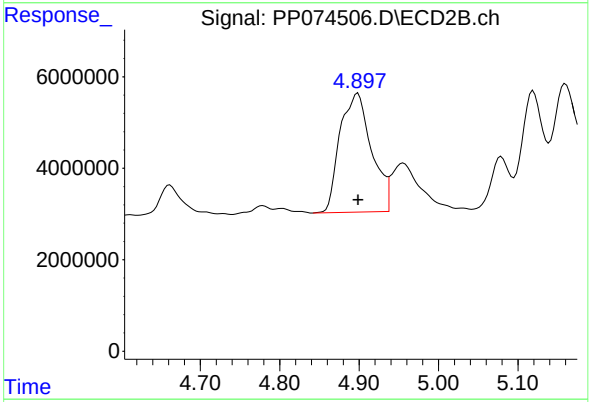
R.T.: 8.815 min
Delta R.T.: 0.000 min
Response: 195760353
Conc: 24.99 ng/ml



#21 AR-1248-1

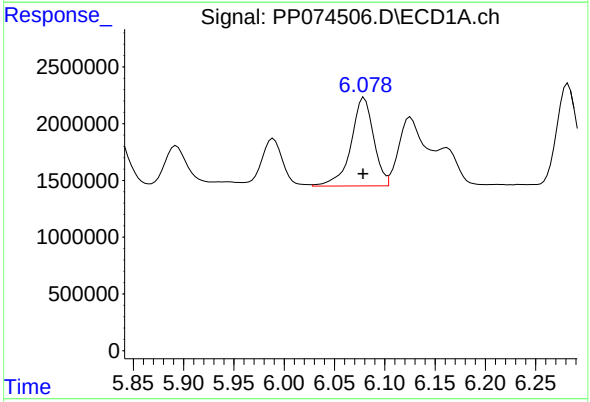
R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 8518595
Conc: 276.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



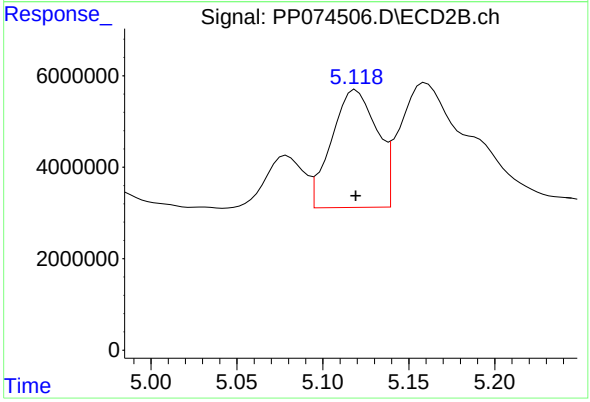
#21 AR-1248-1

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 71878916
Conc: 244.39 ng/ml



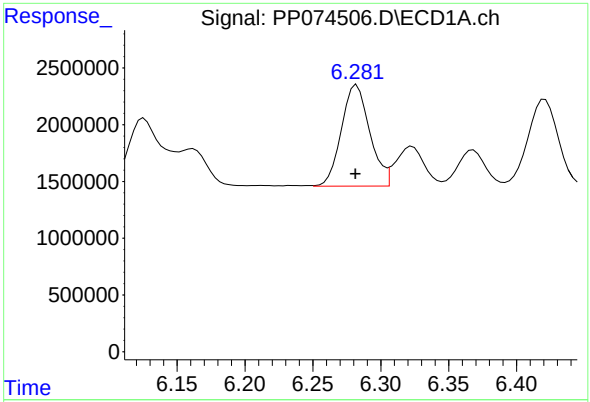
#22 AR-1248-2

R.T.: 6.080 min
Delta R.T.: 0.001 min
Response: 12195931
Conc: 282.24 ng/ml



#22 AR-1248-2

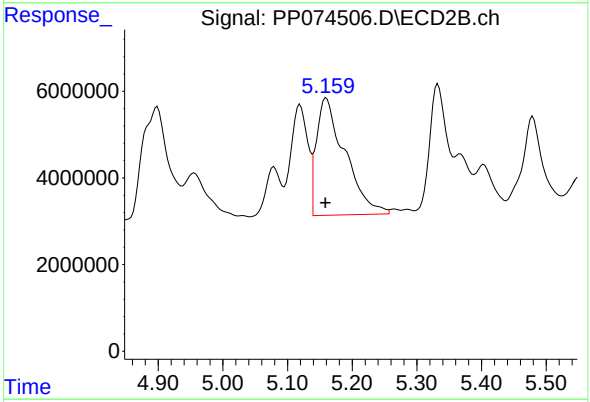
R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 47171019
Conc: 256.13 ng/ml



#23 AR-1248-3

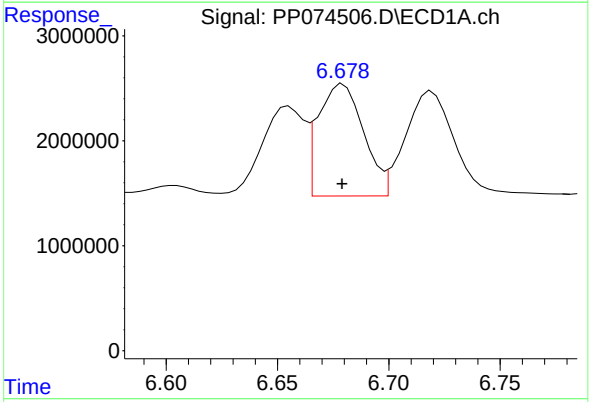
R.T.: 6.282 min
Delta R.T.: 0.001 min
Response: 12988856
Conc: 277.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



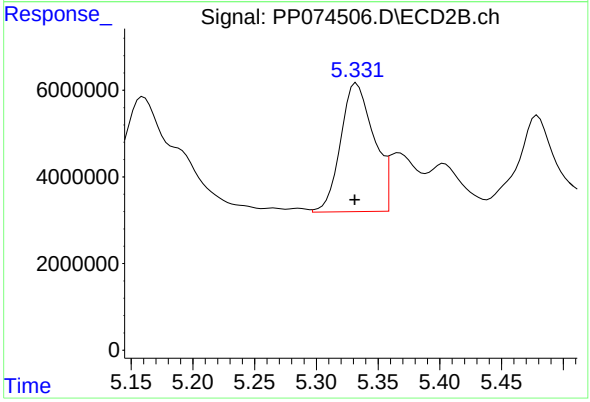
#23 AR-1248-3

R.T.: 5.160 min
Delta R.T.: 0.001 min
Response: 82985642
Conc: 364.57 ng/ml



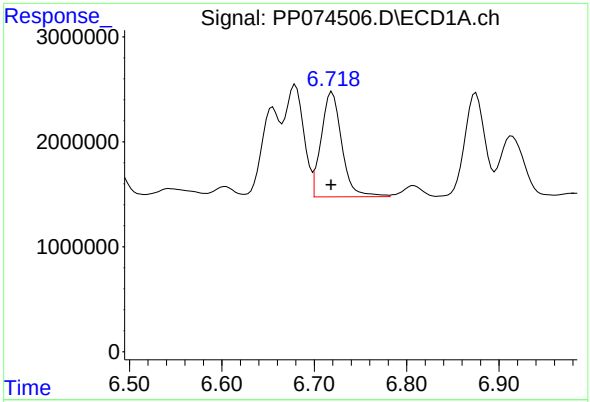
#24 AR-1248-4

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 15166776
Conc: 278.71 ng/ml



#24 AR-1248-4

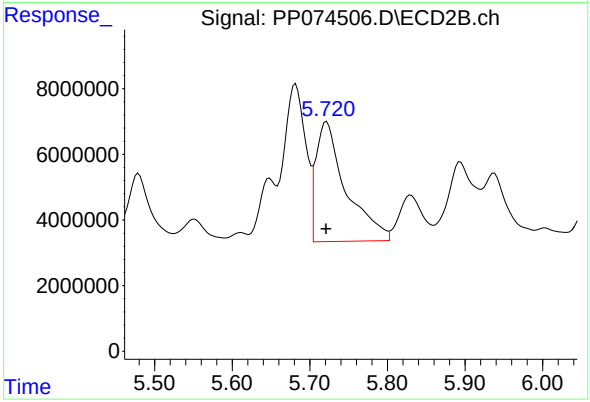
R.T.: 5.333 min
Delta R.T.: 0.001 min
Response: 55484288
Conc: 241.66 ng/ml



#25 AR-1248-5

R.T.: 6.719 min
Delta R.T.: 0.001 min
Response: 15479077
Conc: 286.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



#25 AR-1248-5

R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 98298762
Conc: 254.27 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074507.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:21
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: Aug 20 05:05:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 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...	4.655	3.799	6057310	15338885	5.045	3.116 #
2)	SA Decachlor...	10.435	8.816	5286868	30885168	4.936	3.943
	Target Compounds						
21)	L5 AR-1248-1	5.807	4.899	1548436	12465555	50.199	42.384
22)	L5 AR-1248-2	6.078	5.120	2622328	8175959	60.686	44.394 #
23)	L5 AR-1248-3	6.281	5.159	2475589	11167270	52.877	49.060
24)	L5 AR-1248-4	6.678	5.331	3072323	10019619	56.457	43.640
25)	L5 AR-1248-5	6.718	5.721	3901592	13405394	72.120	34.675 #

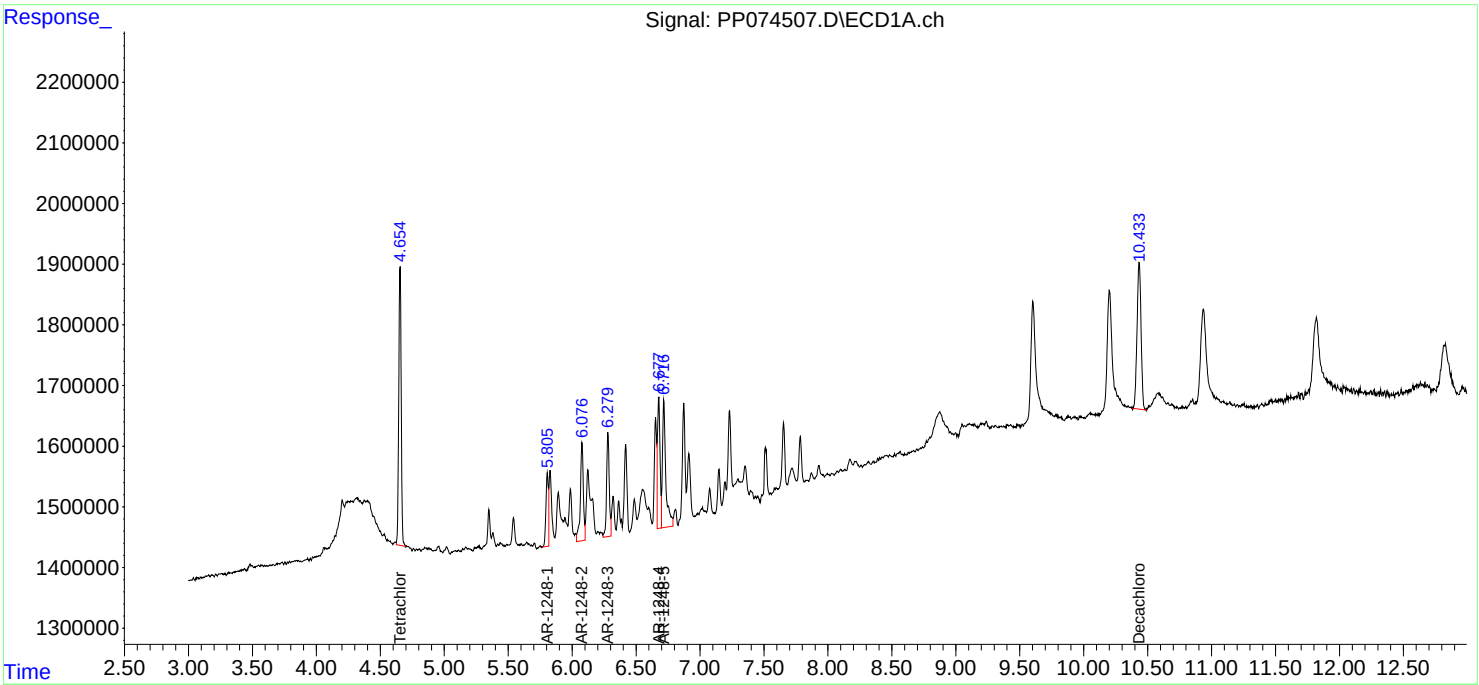
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

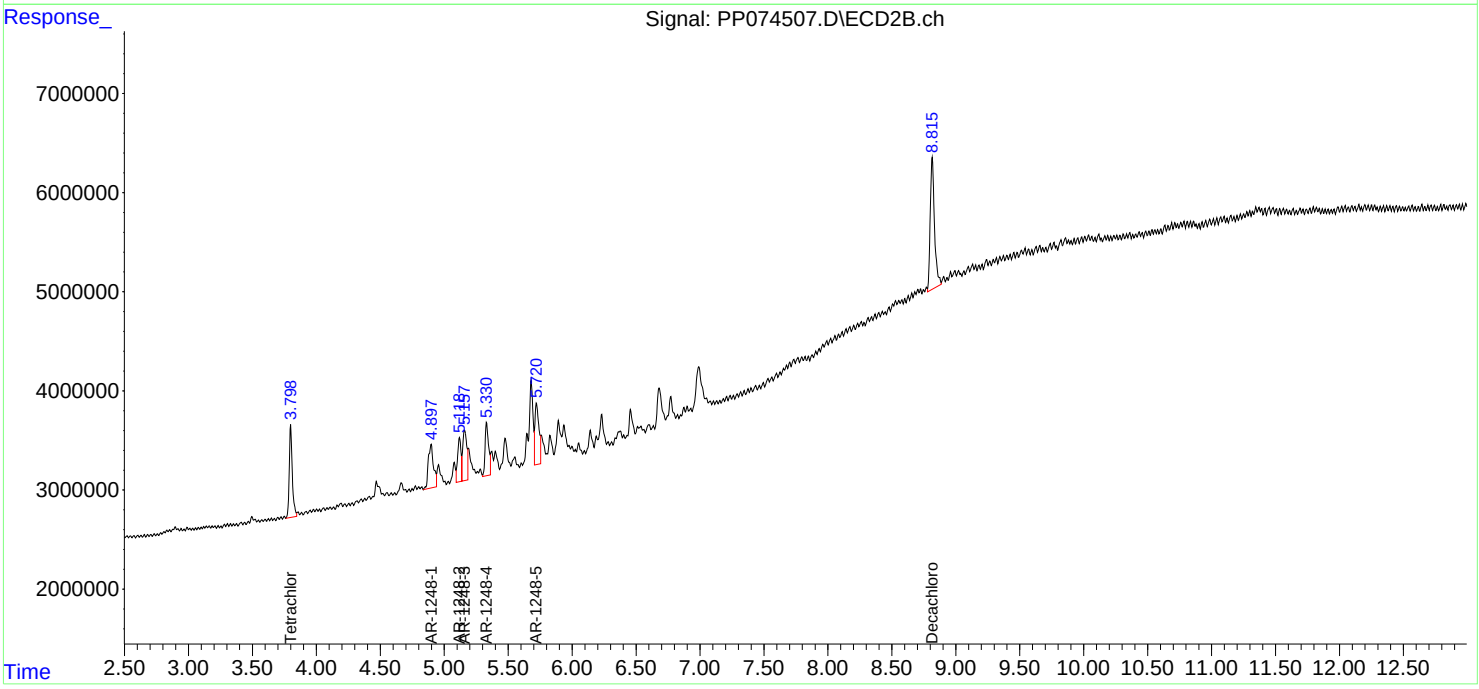
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074507.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:21
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

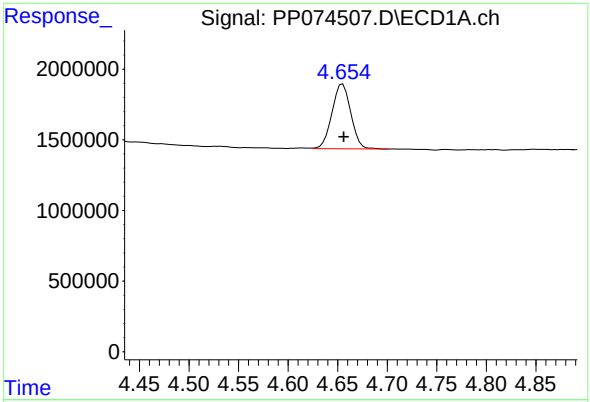
Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 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



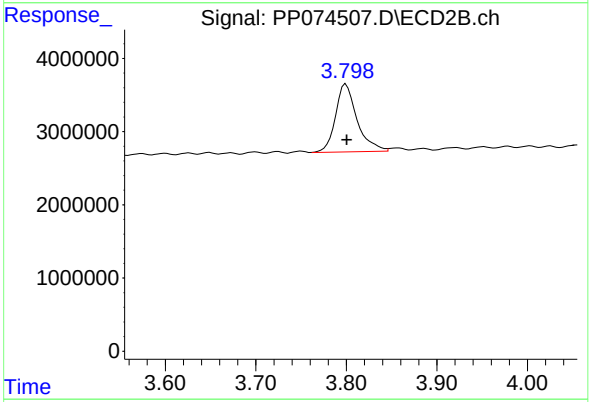




#1 Tetrachloro-m-xylene

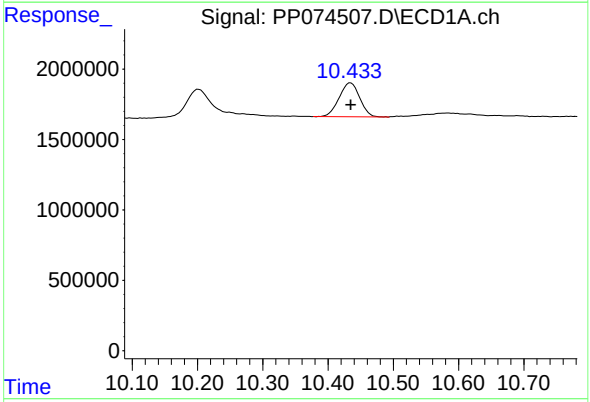
R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 6057310
Conc: 5.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



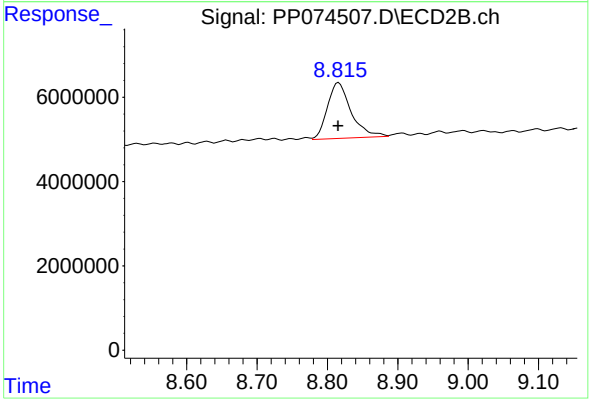
#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: -0.001 min
Response: 15338885
Conc: 3.12 ng/ml



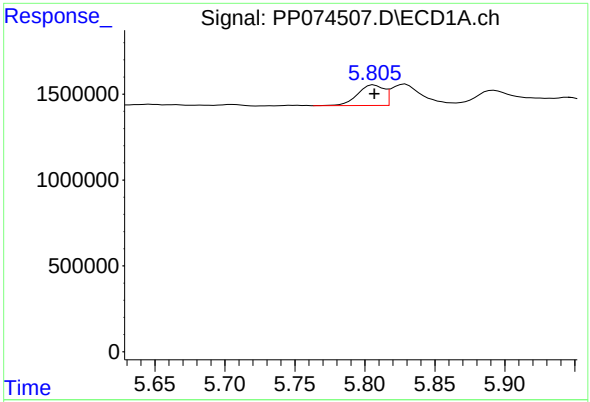
#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: 0.000 min
Response: 5286868
Conc: 4.94 ng/ml



#2 Decachlorobiphenyl

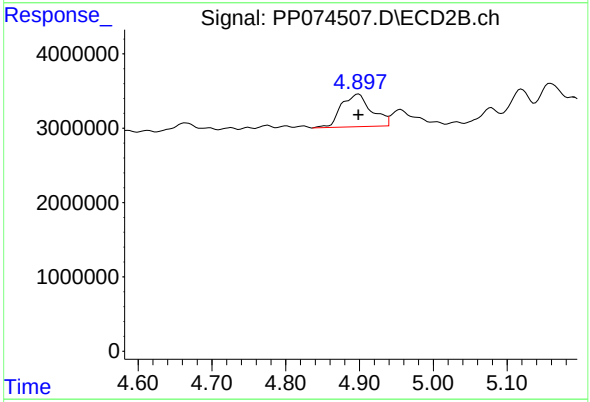
R.T.: 8.816 min
Delta R.T.: 0.000 min
Response: 30885168
Conc: 3.94 ng/ml



#21 AR-1248-1

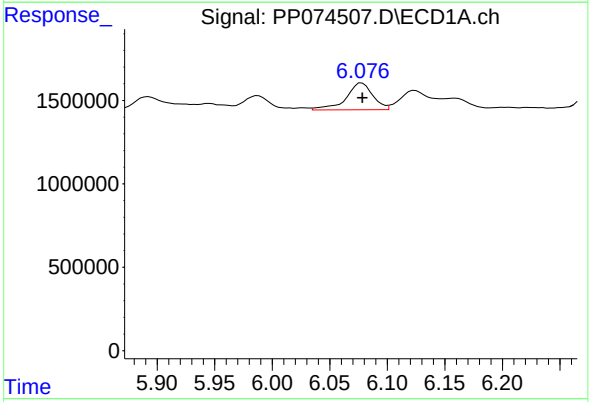
R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 1548436
Conc: 50.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



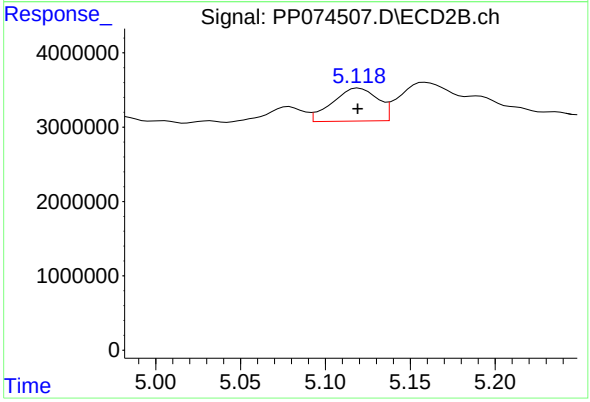
#21 AR-1248-1

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 12465555
Conc: 42.38 ng/ml



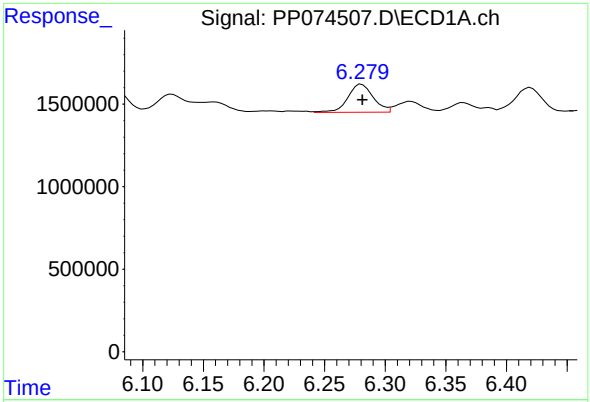
#22 AR-1248-2

R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 2622328
Conc: 60.69 ng/ml



#22 AR-1248-2

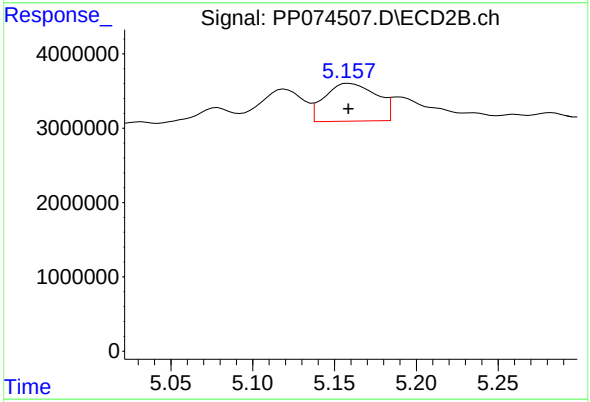
R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 8175959
Conc: 44.39 ng/ml



#23 AR-1248-3

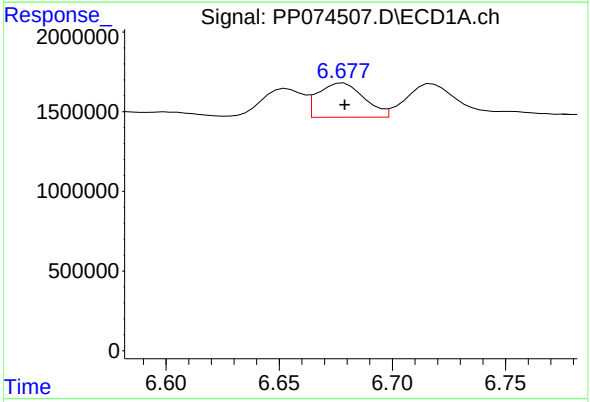
R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 2475589
Conc: 52.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



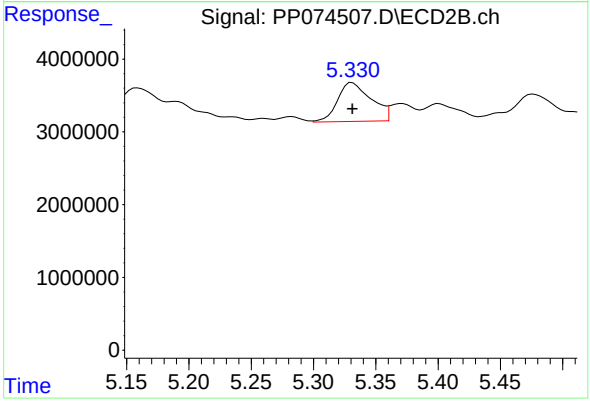
#23 AR-1248-3

R.T.: 5.159 min
Delta R.T.: 0.000 min
Response: 11167270
Conc: 49.06 ng/ml



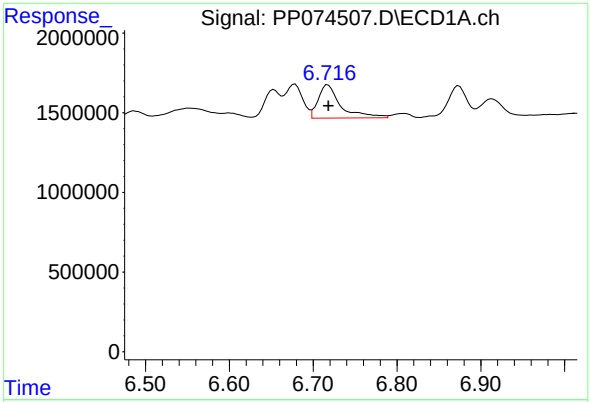
#24 AR-1248-4

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 3072323
Conc: 56.46 ng/ml



#24 AR-1248-4

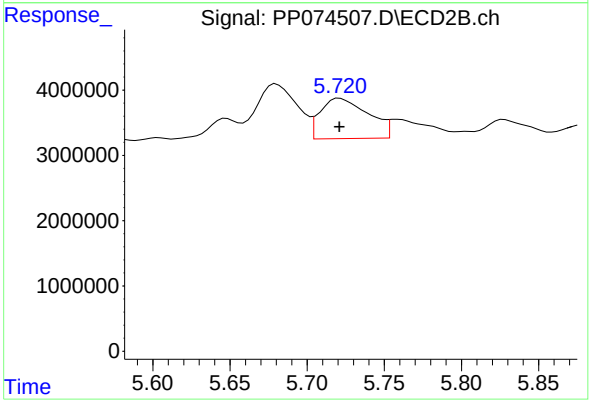
R.T.: 5.331 min
Delta R.T.: 0.000 min
Response: 10019619
Conc: 43.64 ng/ml



#25 AR-1248-5

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 3901592
Conc: 72.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



#25 AR-1248-5

R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 13405394
Conc: 34.68 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074508.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:37
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: Aug 20 05:23:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.659	3.803	107.5E6	508.3E6	90.613	102.092
2)	SA Decachlor...	10.437	8.817	95581017	757.0E6	91.315	99.926
	Target Compounds						
26)	L6 AR-1254-1	6.659	5.685	69623831	450.8E6	1182.158	912.704
27)	L6 AR-1254-2	6.875	5.832	68997007	327.6E6	867.960	937.272
28)	L6 AR-1254-3	7.237	6.235	75433146	632.2E6	882.576	952.736
29)	L6 AR-1254-4	7.518	6.462	56817907	465.7E6	882.596	941.555
30)	L6 AR-1254-5	7.935	6.878	71518563	564.5E6	880.319	1130.787 #

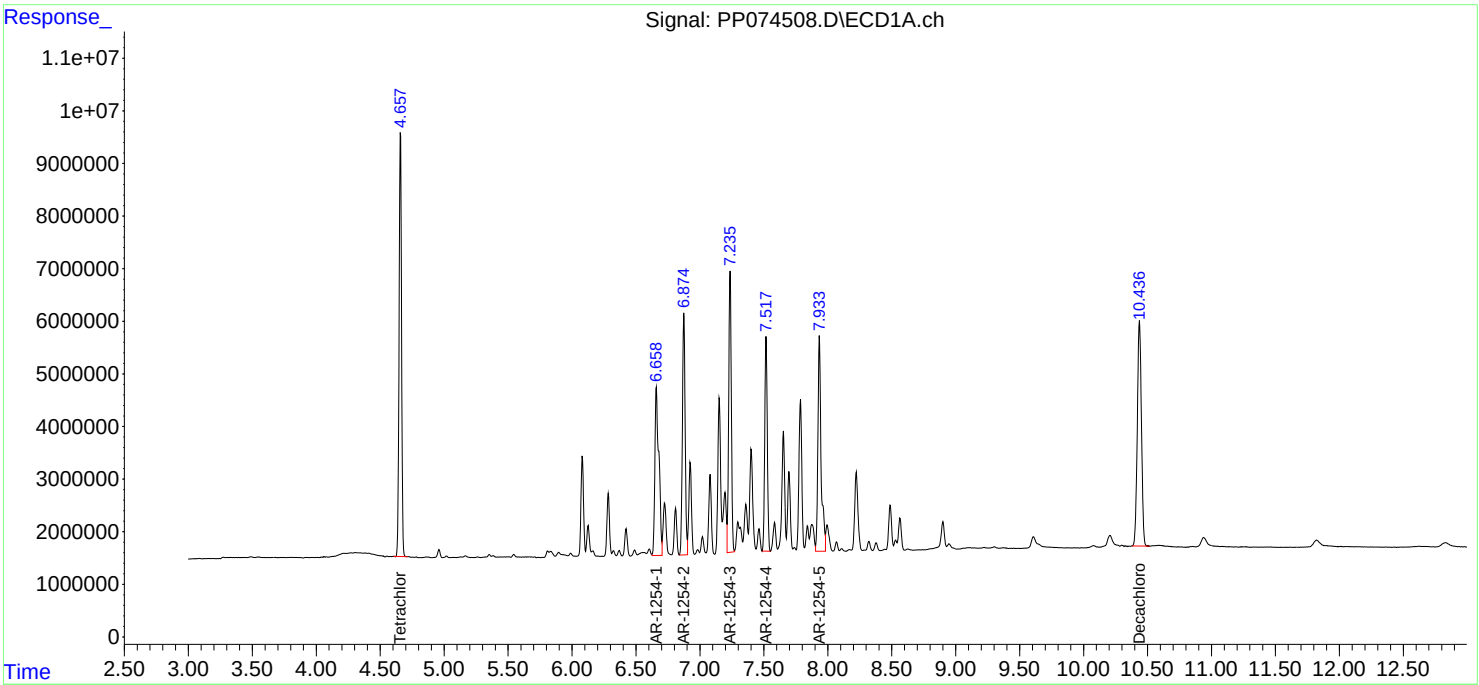
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

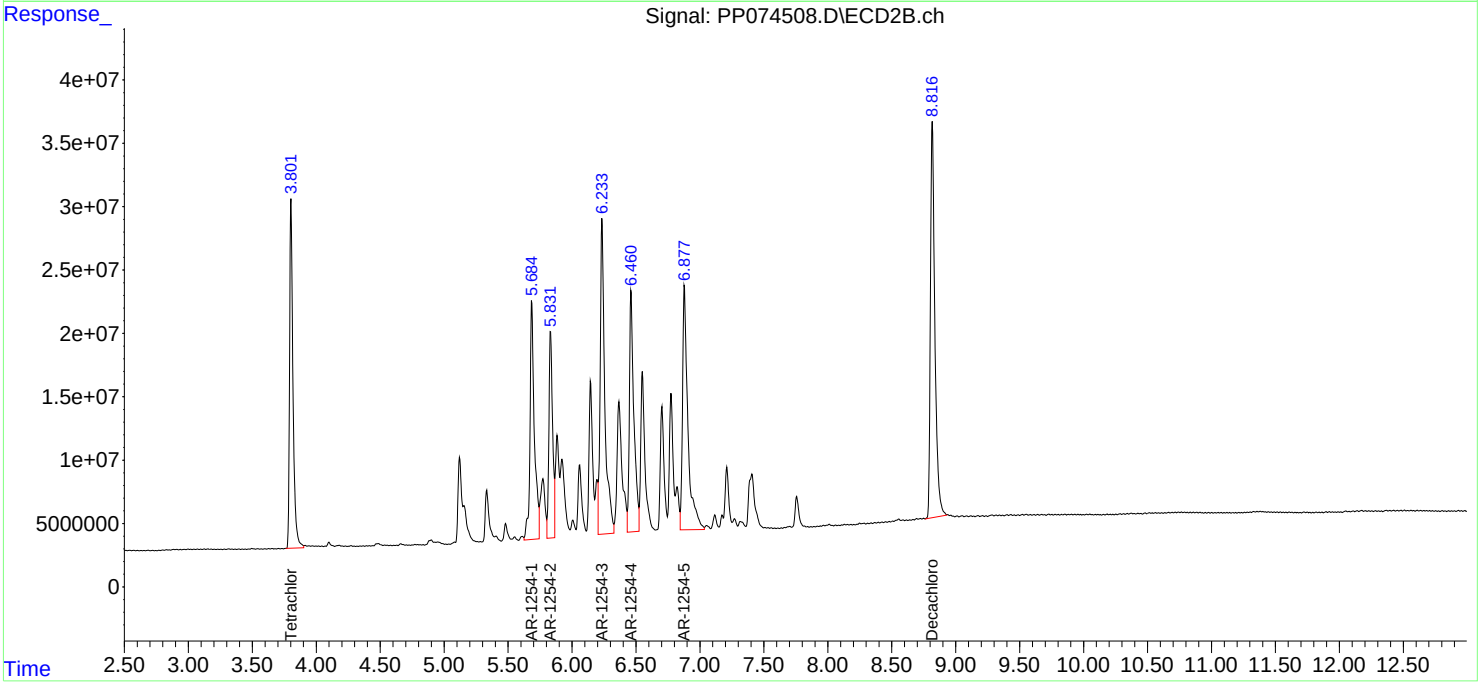
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074508.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:37
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

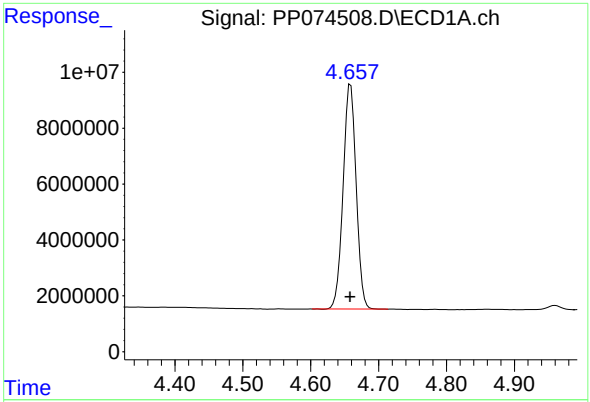
Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:23:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



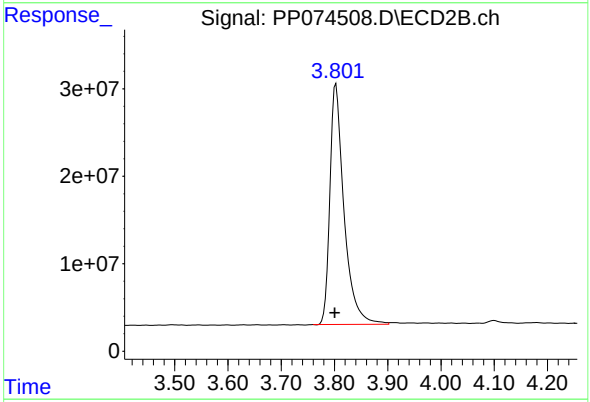




#1 Tetrachloro-m-xylene

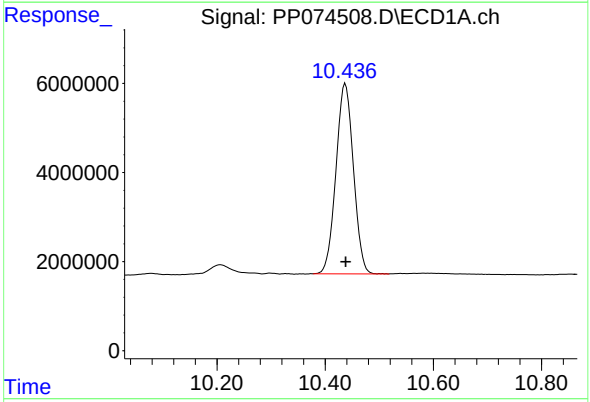
R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 107489552
Conc: 90.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



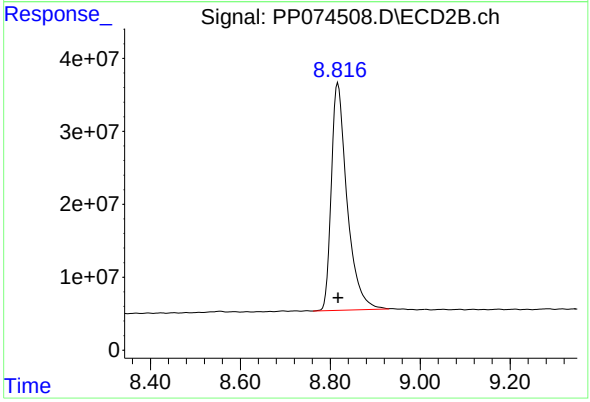
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.002 min
Response: 508319801
Conc: 102.09 ng/ml



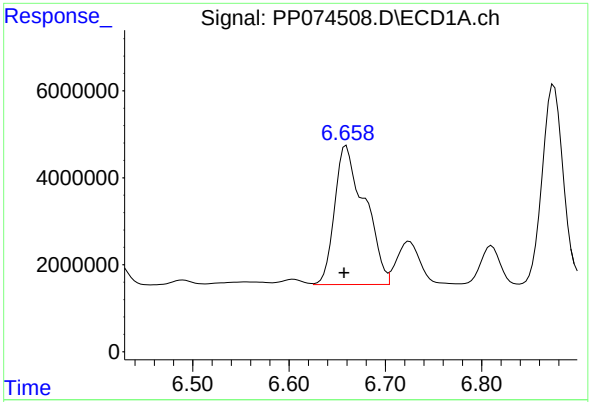
#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 95581017
Conc: 91.32 ng/ml



#2 Decachlorobiphenyl

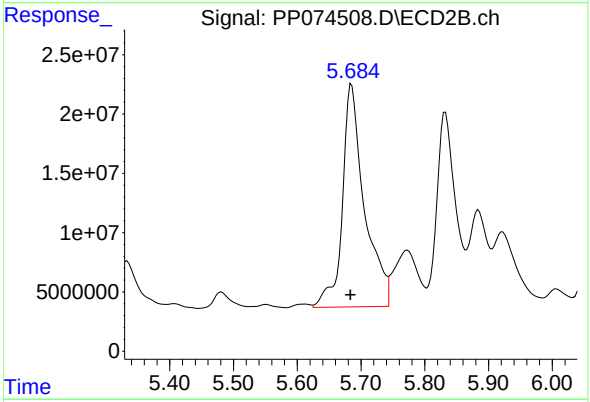
R.T.: 8.817 min
Delta R.T.: 0.000 min
Response: 757029286
Conc: 99.93 ng/ml



#26 AR-1254-1

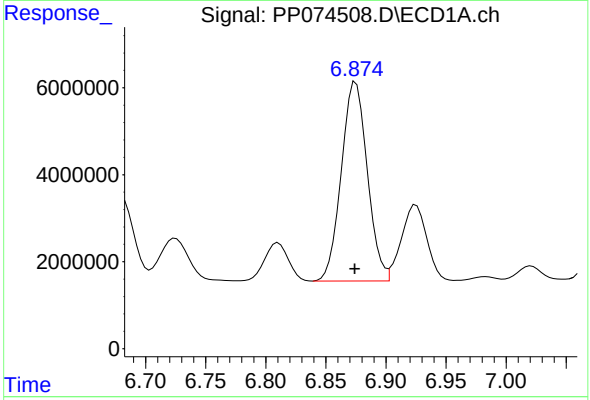
R.T.: 6.659 min
Delta R.T.: 0.002 min
Response: 69623831
Conc: 1182.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



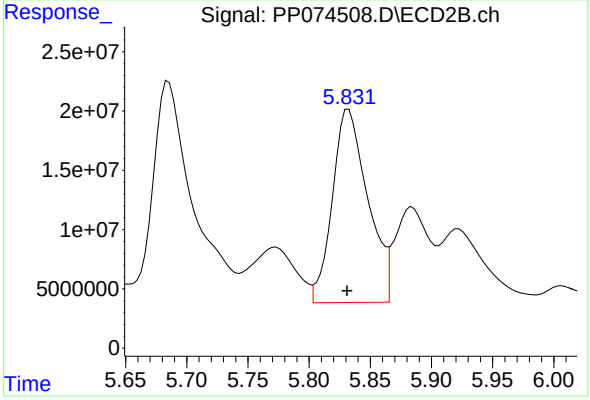
#26 AR-1254-1

R.T.: 5.685 min
Delta R.T.: 0.001 min
Response: 450774429
Conc: 912.70 ng/ml



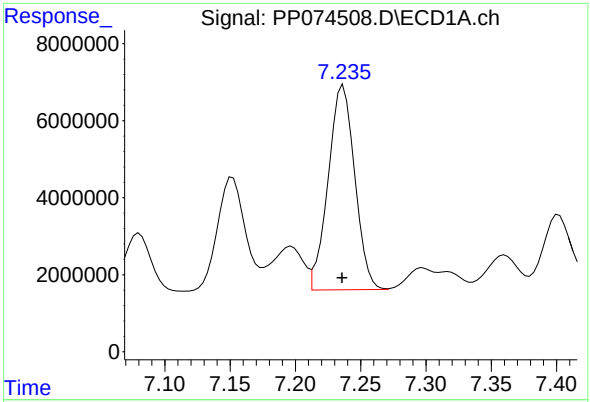
#27 AR-1254-2

R.T.: 6.875 min
Delta R.T.: 0.000 min
Response: 68997007
Conc: 867.96 ng/ml



#27 AR-1254-2

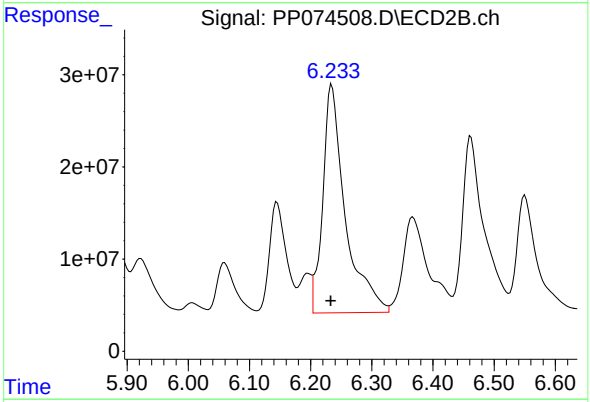
R.T.: 5.832 min
Delta R.T.: 0.001 min
Response: 327603431
Conc: 937.27 ng/ml



#28 AR-1254-3

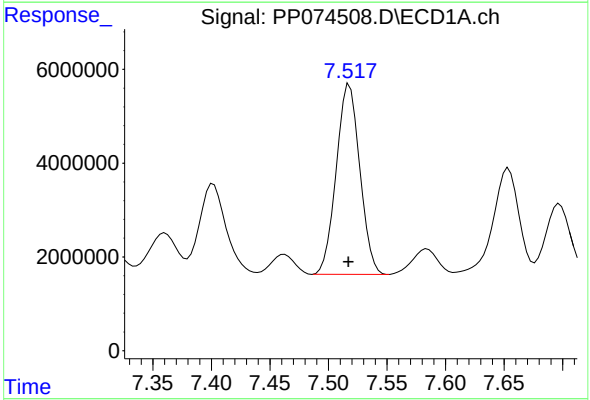
R.T.: 7.237 min
Delta R.T.: 0.001 min
Response: 75433146
Conc: 882.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



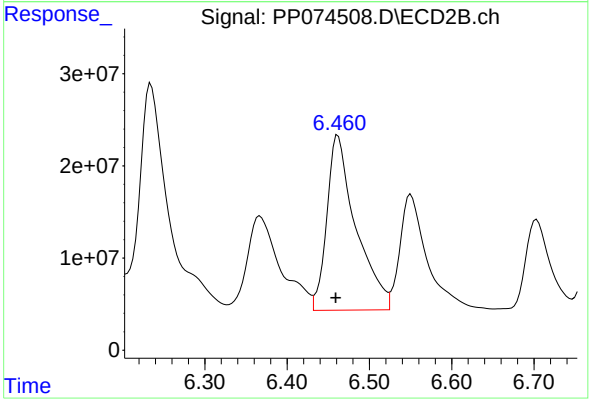
#28 AR-1254-3

R.T.: 6.235 min
Delta R.T.: 0.001 min
Response: 632195702
Conc: 952.74 ng/ml



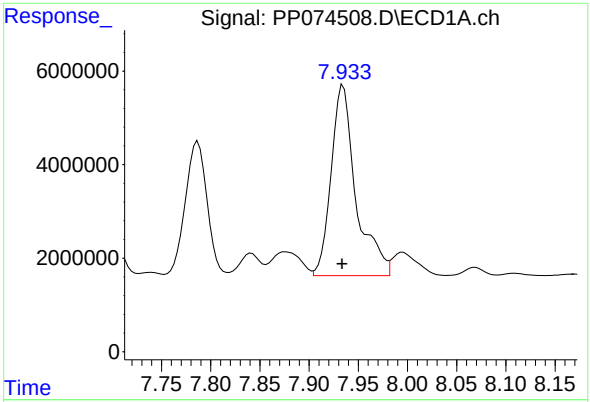
#29 AR-1254-4

R.T.: 7.518 min
Delta R.T.: 0.000 min
Response: 56817907
Conc: 882.60 ng/ml



#29 AR-1254-4

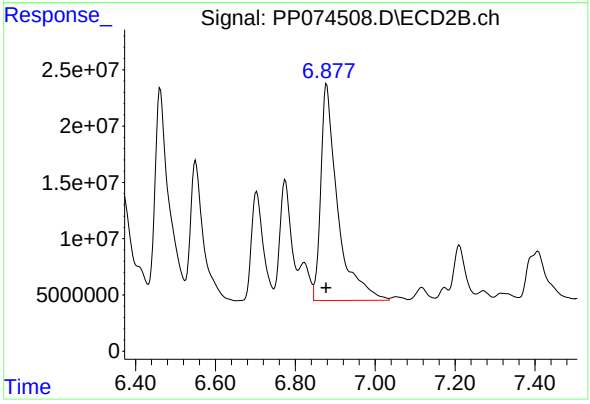
R.T.: 6.462 min
Delta R.T.: 0.003 min
Response: 465715221
Conc: 941.55 ng/ml



#30 AR-1254-5

R.T.: 7.935 min
Delta R.T.: 0.000 min
Response: 71518563
Conc: 880.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



#30 AR-1254-5

R.T.: 6.878 min
Delta R.T.: 0.002 min
Response: 564498757
Conc: 1130.79 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074509.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:53
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: Aug 20 05:24:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.657	3.801	84355338	368.0E6	71.111	73.905
2)	SA Decachlor...	10.435	8.816	73886975	571.7E6	70.589	75.465
	Target Compounds						
26)	L6 AR-1254-1	6.657	5.683	55937968	345.4E6	949.783	699.283 #
27)	L6 AR-1254-2	6.873	5.830	55301971	262.7E6	695.681	751.609
28)	L6 AR-1254-3	7.235	6.232	60201798	489.0E6	704.368	736.926
29)	L6 AR-1254-4	7.516	6.459	45192418	356.9E6	702.008	721.543
30)	L6 AR-1254-5	7.932	6.876	57258258	450.7E6	704.789	902.924 #

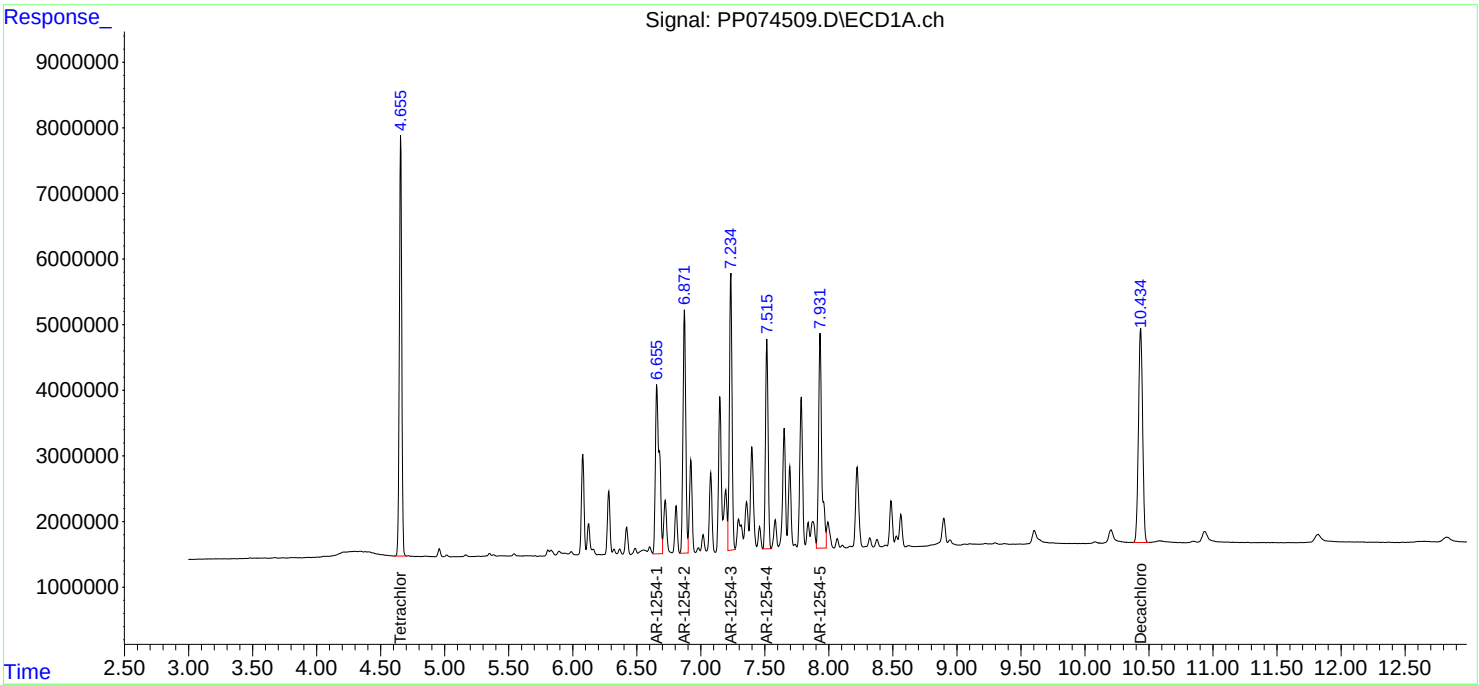
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

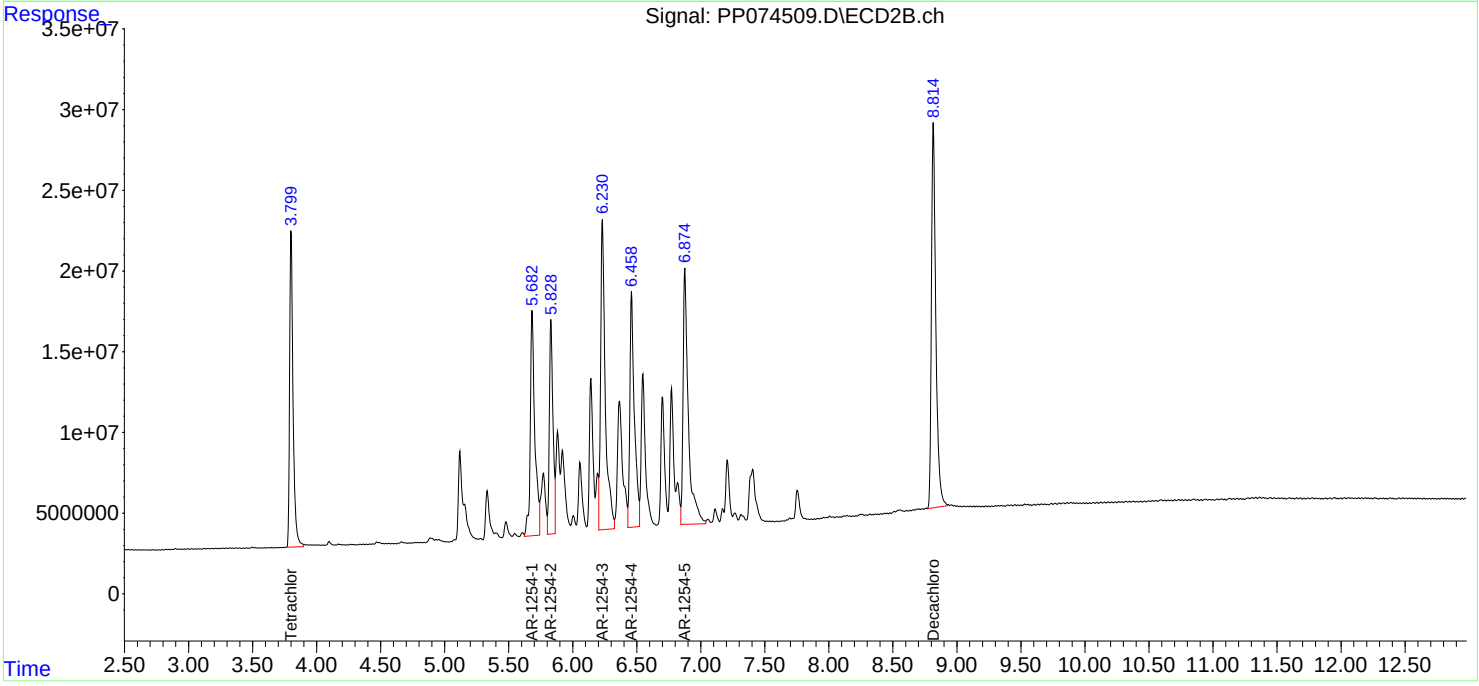
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074509.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:53
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

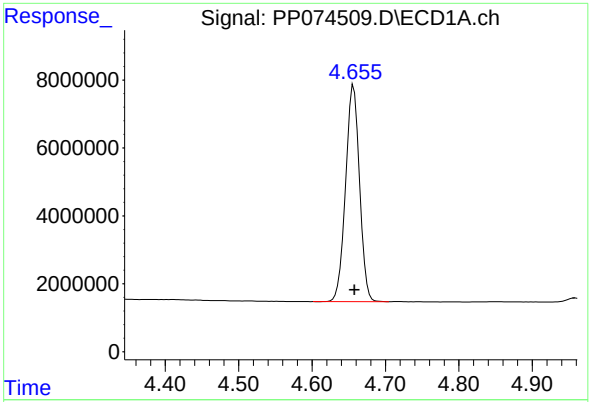
Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:24:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



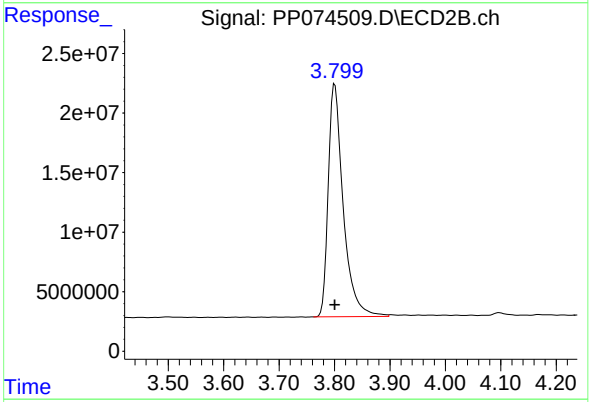




#1 Tetrachloro-m-xylene

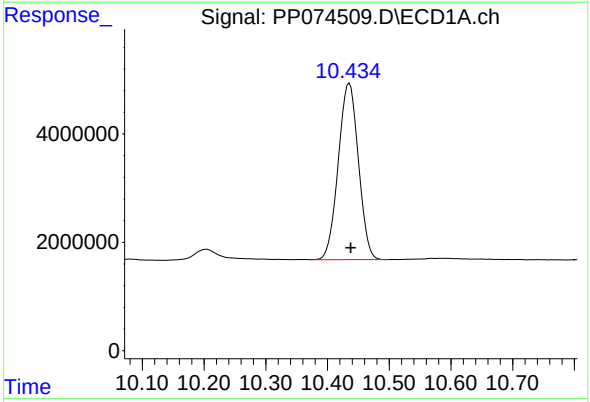
R.T.: 4.657 min
Delta R.T.: -0.001 min
Response: 84355338
Conc: 71.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



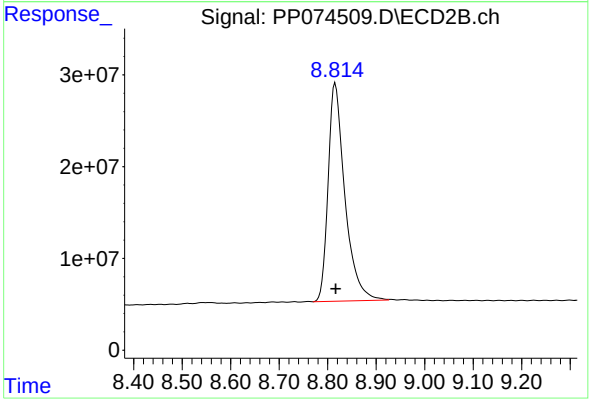
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 367974801
Conc: 73.90 ng/ml



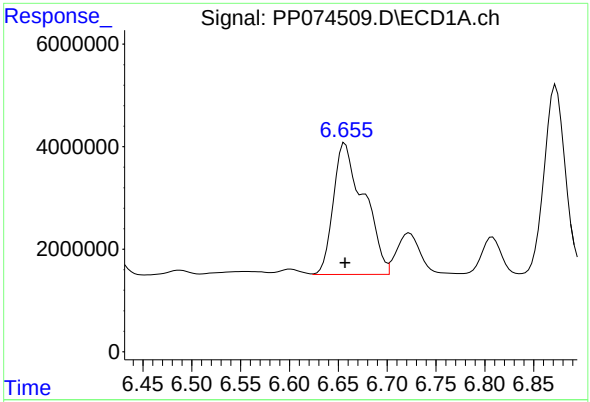
#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: -0.003 min
Response: 73886975
Conc: 70.59 ng/ml



#2 Decachlorobiphenyl

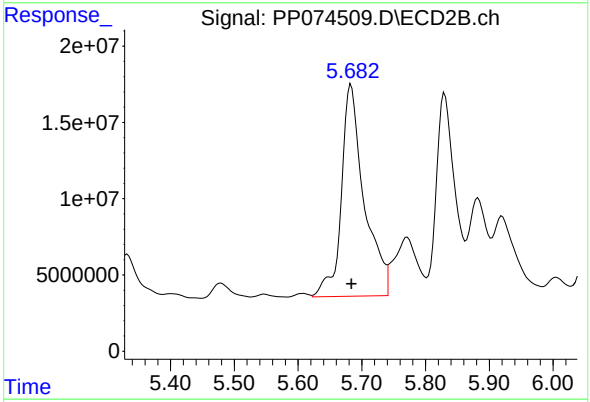
R.T.: 8.816 min
Delta R.T.: -0.001 min
Response: 571714548
Conc: 75.47 ng/ml



#26 AR-1254-1

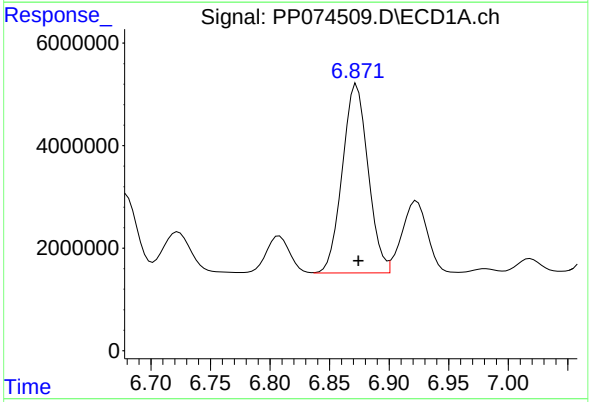
R.T.: 6.657 min
Delta R.T.: 0.000 min
Response: 55937968
Conc: 949.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



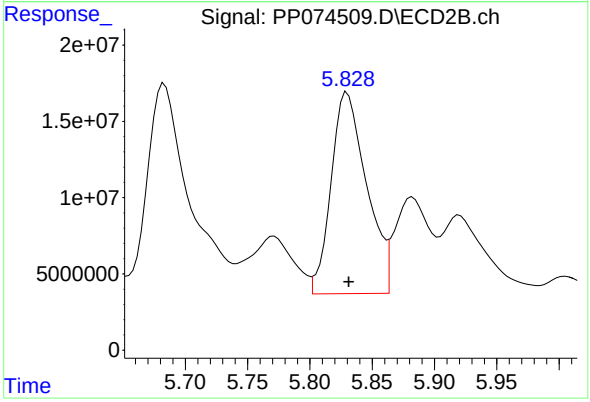
#26 AR-1254-1

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 345368367
Conc: 699.28 ng/ml



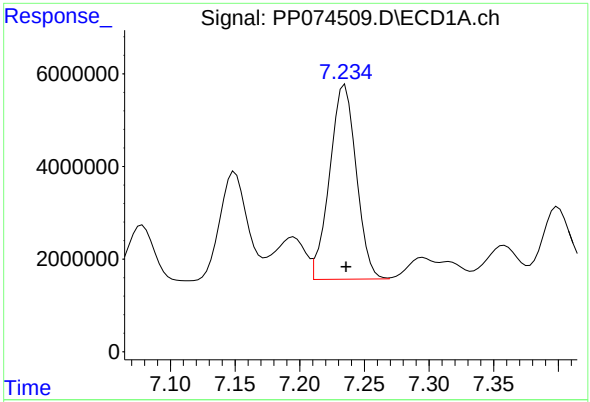
#27 AR-1254-2

R.T.: 6.873 min
Delta R.T.: -0.001 min
Response: 55301971
Conc: 695.68 ng/ml



#27 AR-1254-2

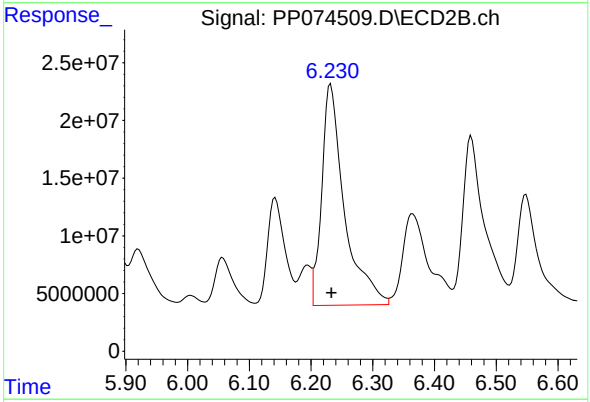
R.T.: 5.830 min
Delta R.T.: -0.001 min
Response: 262709061
Conc: 751.61 ng/ml



#28 AR-1254-3

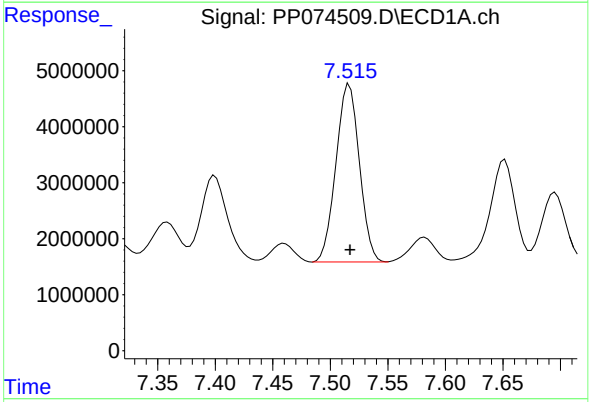
R.T.: 7.235 min
Delta R.T.: 0.000 min
Response: 60201798
Conc: 704.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



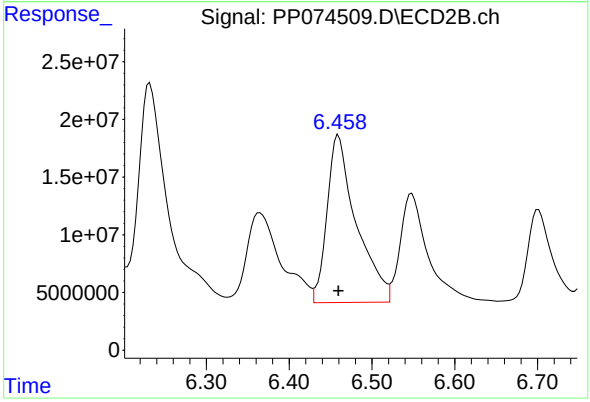
#28 AR-1254-3

R.T.: 6.232 min
Delta R.T.: -0.002 min
Response: 488993494
Conc: 736.93 ng/ml



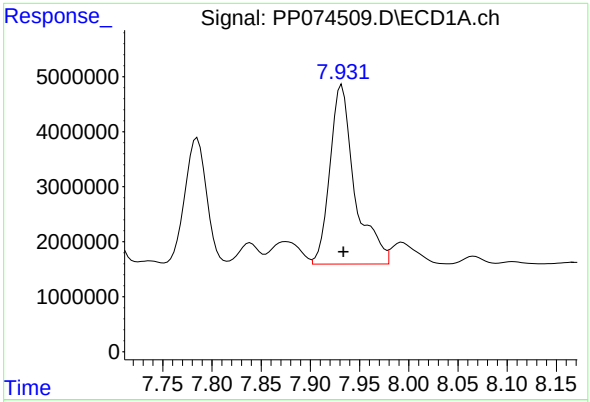
#29 AR-1254-4

R.T.: 7.516 min
Delta R.T.: 0.000 min
Response: 45192418
Conc: 702.01 ng/ml



#29 AR-1254-4

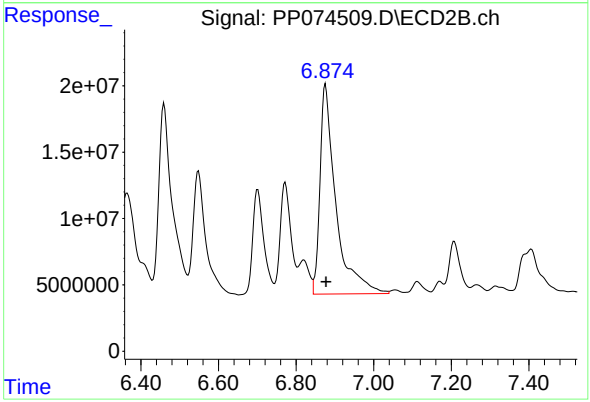
R.T.: 6.459 min
Delta R.T.: 0.000 min
Response: 356892319
Conc: 721.54 ng/ml



#30 AR-1254-5

R.T.: 7.932 min
Delta R.T.: -0.002 min
Response: 57258258
Conc: 704.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



#30 AR-1254-5

R.T.: 6.876 min
Delta R.T.: -0.001 min
Response: 450747495
Conc: 902.92 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074510.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 15:10
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: Aug 20 05:24:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.658	3.801	59312230	249.0E6	50.000	50.000
2)	SA Decachlor...	10.438	8.817	52335799	378.8E6	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	6.658	5.684	40372353	246.9E6	685.491	500.000 #
27)	L6 AR-1254-2	6.874	5.831	39746657	174.8E6	500.000	500.000
28)	L6 AR-1254-3	7.236	6.233	42734643	331.8E6	500.000	500.000
29)	L6 AR-1254-4	7.517	6.459	32187957	247.3E6	500.000	500.000
30)	L6 AR-1254-5	7.934	6.877	40620840	249.6E6	500.000	500.000

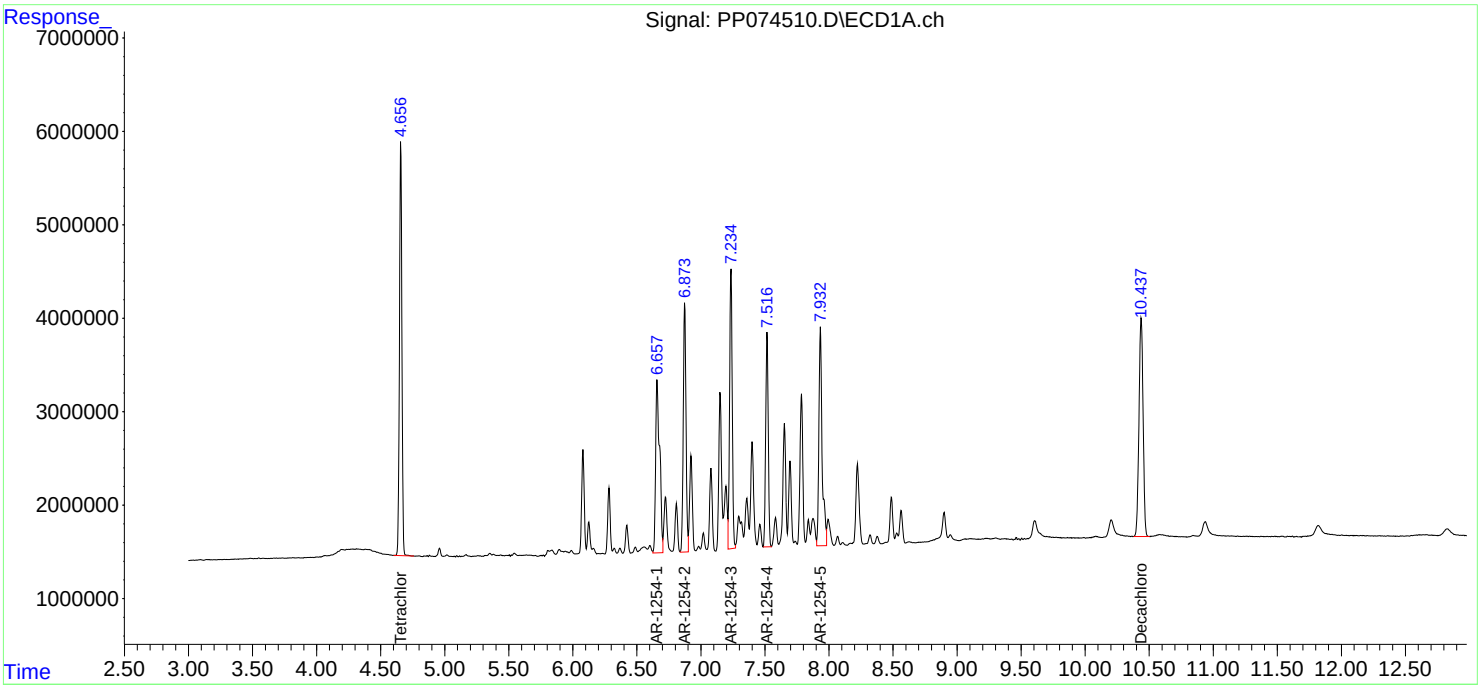
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

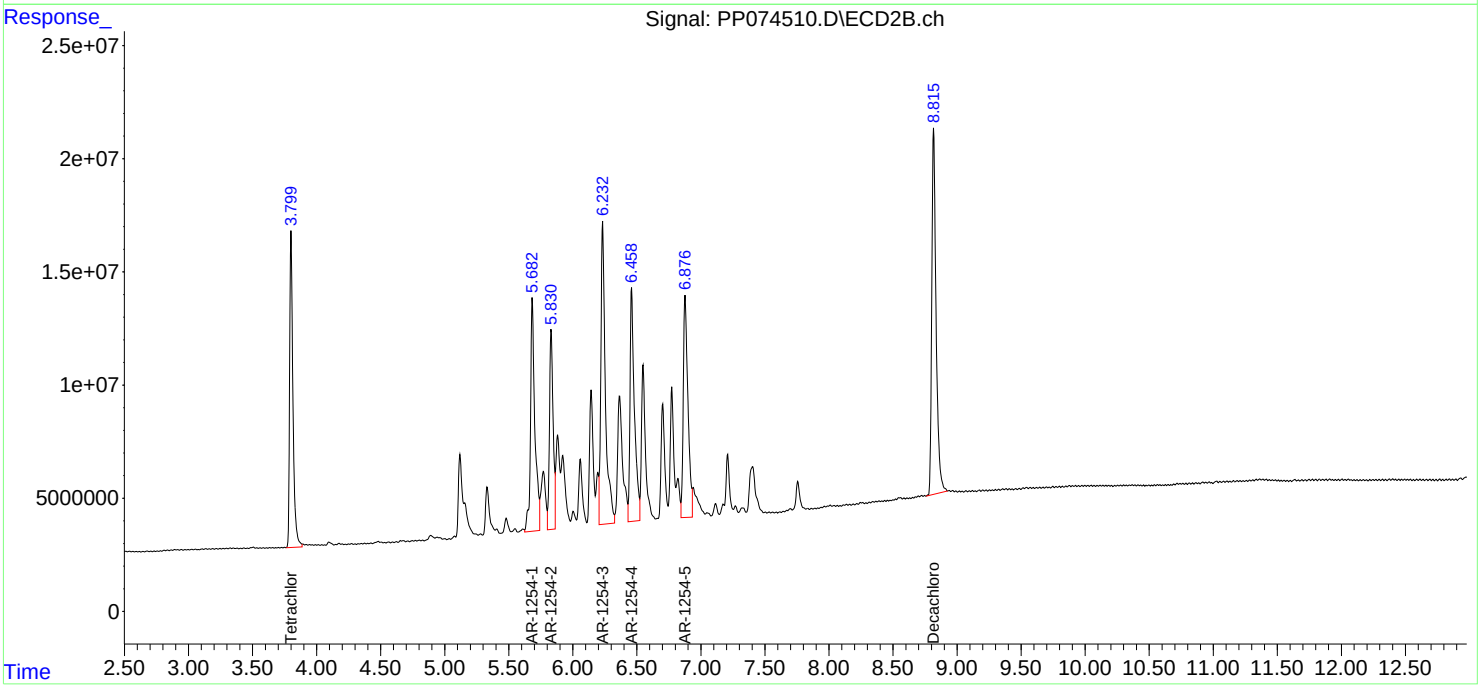
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074510.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 15:10
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

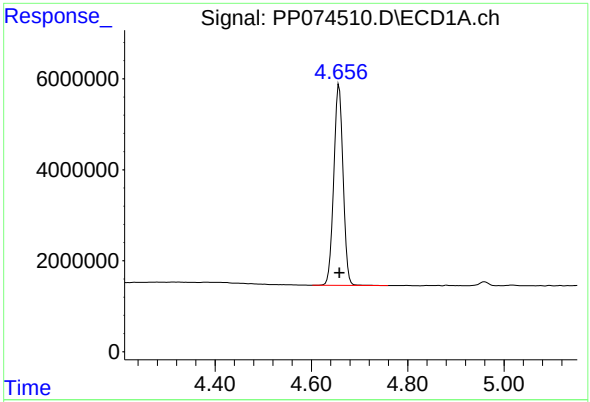
Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:24:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



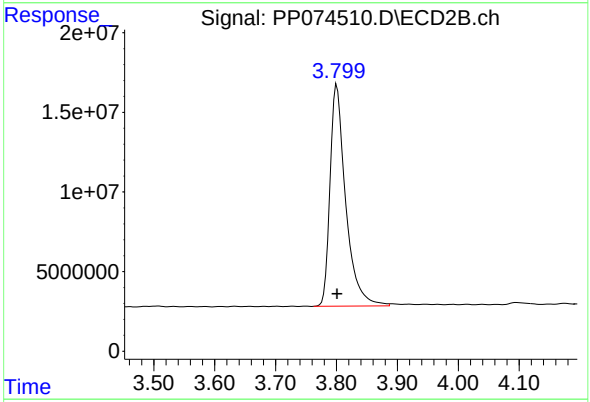




#1 Tetrachloro-m-xylene

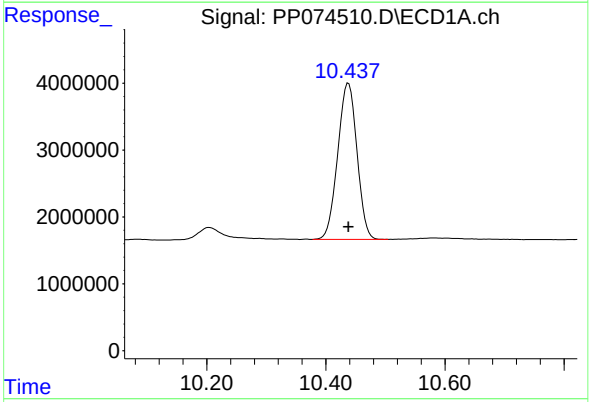
R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 59312230
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



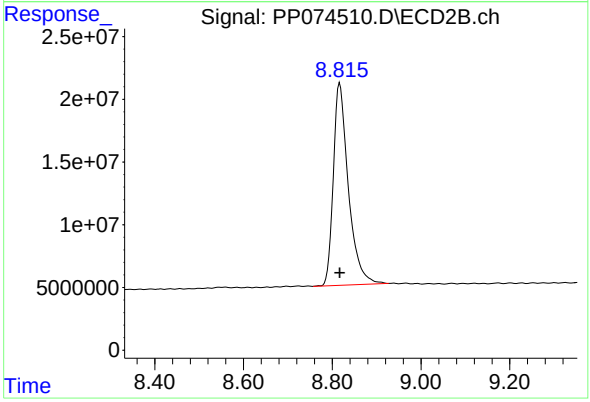
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 248951660
Conc: 50.00 ng/ml



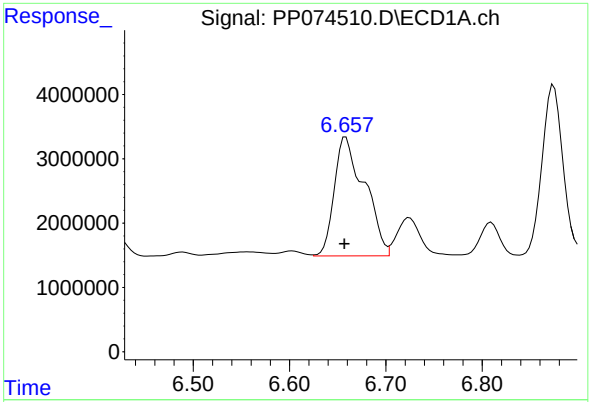
#2 Decachlorobiphenyl

R.T.: 10.438 min
Delta R.T.: 0.000 min
Response: 52335799
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

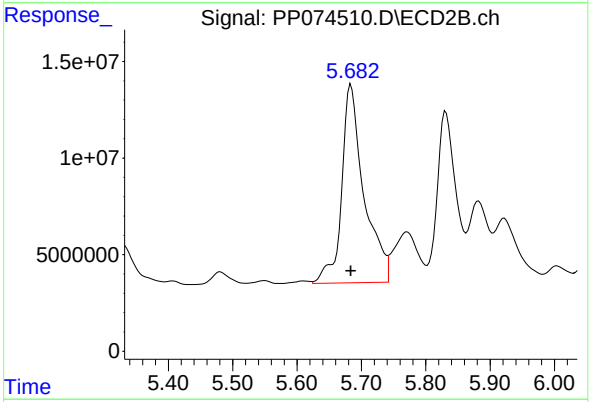
R.T.: 8.817 min
Delta R.T.: 0.000 min
Response: 378794188
Conc: 50.00 ng/ml



#26 AR-1254-1

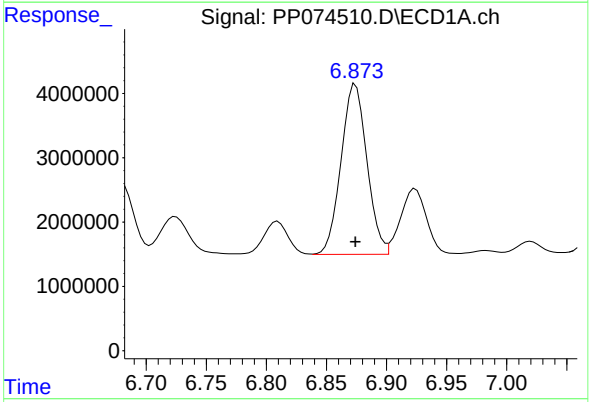
R.T.: 6.658 min
Delta R.T.: 0.001 min
Response: 40372353
Conc: 685.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



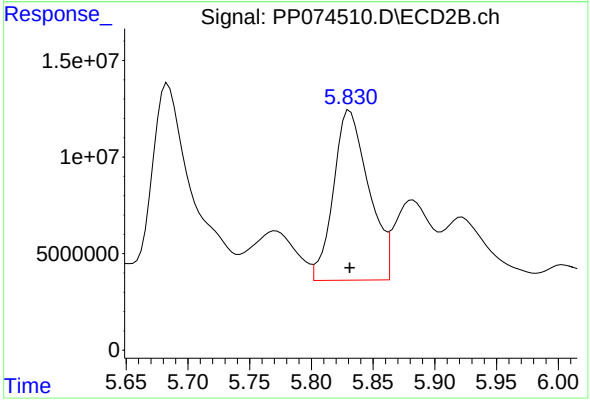
#26 AR-1254-1

R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 246944521
Conc: 500.00 ng/ml



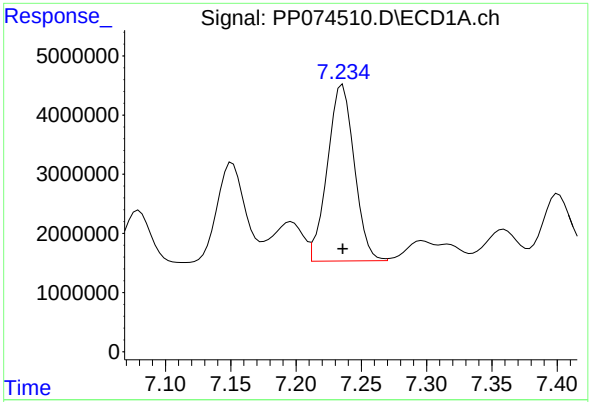
#27 AR-1254-2

R.T.: 6.874 min
Delta R.T.: 0.000 min
Response: 39746657
Conc: 500.00 ng/ml



#27 AR-1254-2

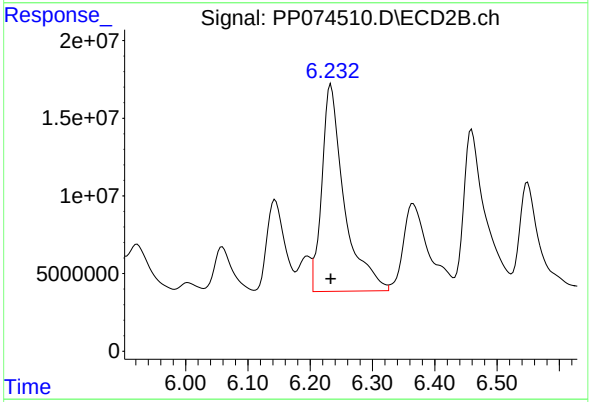
R.T.: 5.831 min
Delta R.T.: 0.000 min
Response: 174764355
Conc: 500.00 ng/ml



#28 AR-1254-3

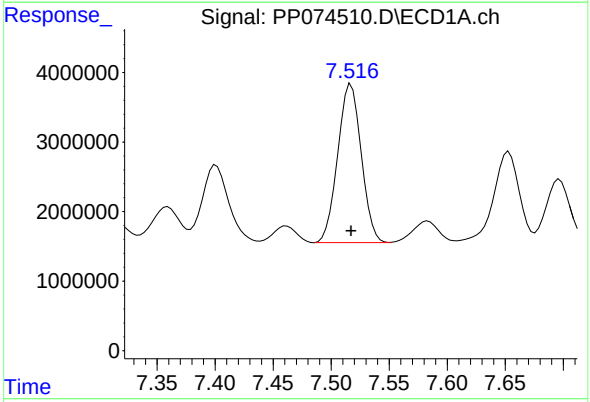
R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 42734643
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



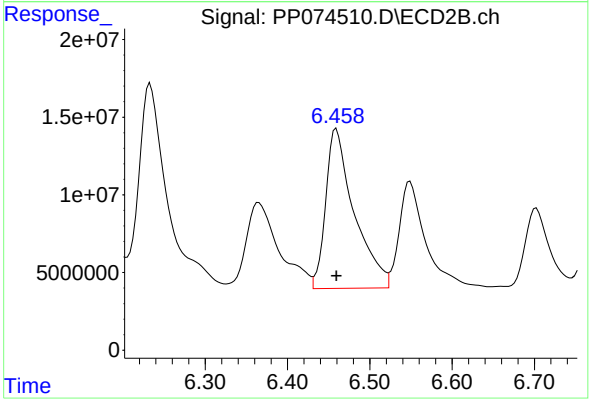
#28 AR-1254-3

R.T.: 6.233 min
Delta R.T.: 0.000 min
Response: 331779068
Conc: 500.00 ng/ml



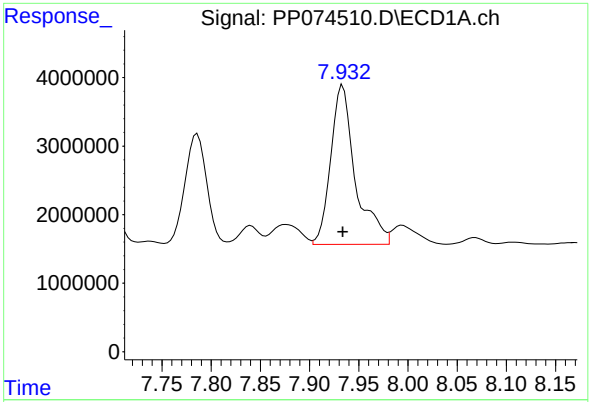
#29 AR-1254-4

R.T.: 7.517 min
Delta R.T.: 0.000 min
Response: 32187957
Conc: 500.00 ng/ml



#29 AR-1254-4

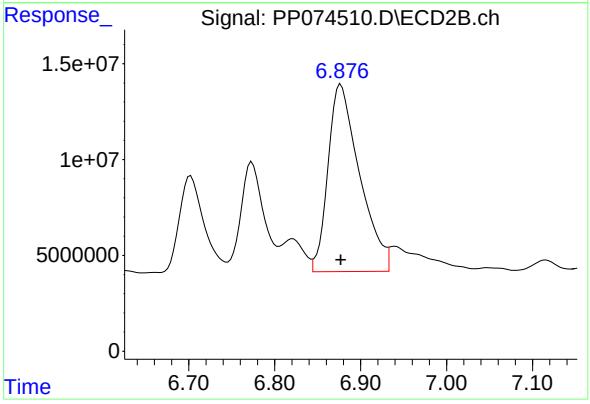
R.T.: 6.459 min
Delta R.T.: 0.000 min
Response: 247311763
Conc: 500.00 ng/ml



#30 AR-1254-5

R.T.: 7.934 min
Delta R.T.: 0.000 min
Response: 40620840
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



#30 AR-1254-5

R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 249604262
Conc: 500.00 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074511.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 15:42
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: Aug 20 05:24:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.657	3.800	31994256	115.5E6	26.971	23.196
2)	SA Decachlor...	10.435	8.815	28652955	191.8E6	27.374	25.314
	Target Compounds						
26)	L6 AR-1254-1	6.657	5.683	22673228	119.9E6	384.974	242.811 #
27)	L6 AR-1254-2	6.873	5.829	22034196	89396429	277.183	255.763
28)	L6 AR-1254-3	7.234	6.233	23677562	156.6E6	277.030	235.946
29)	L6 AR-1254-4	7.516	6.458	17794501	118.2E6	276.416	238.941
30)	L6 AR-1254-5	7.932	6.875	22325080	128.4E6	274.798	257.251

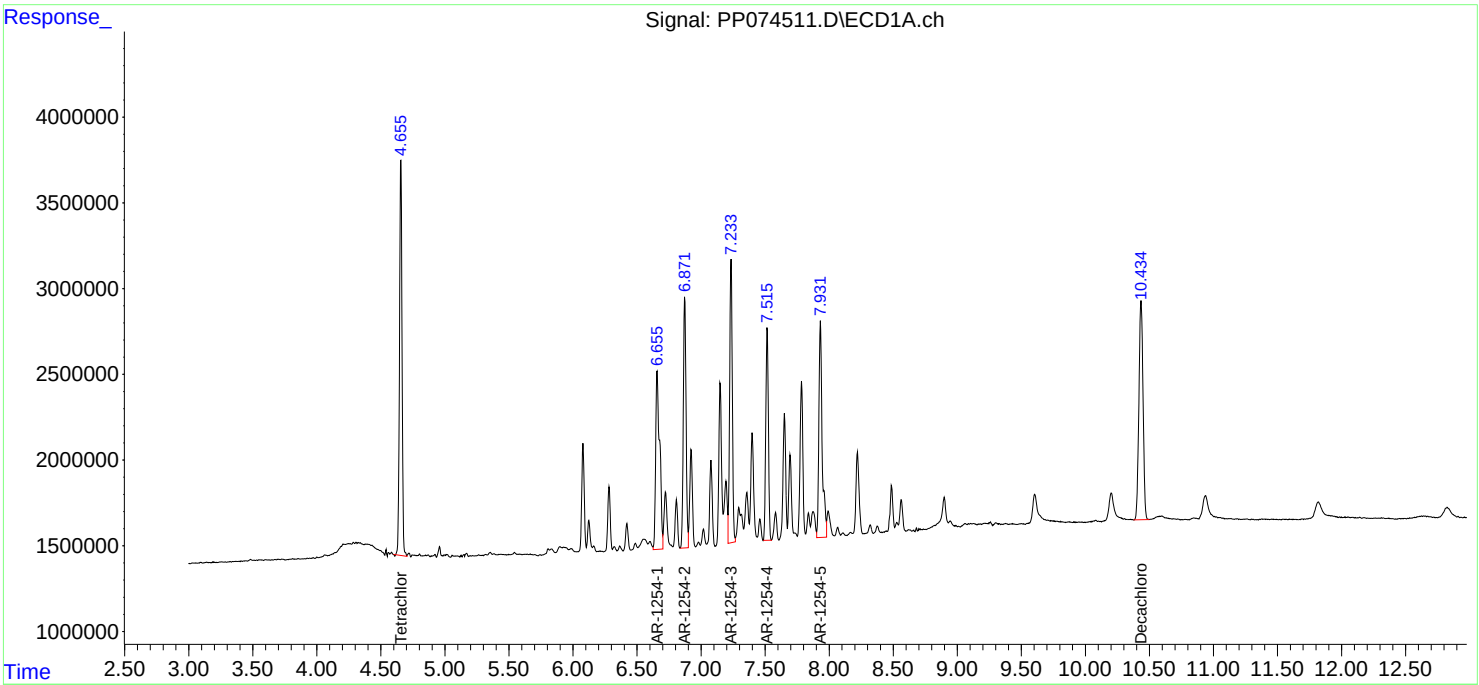
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

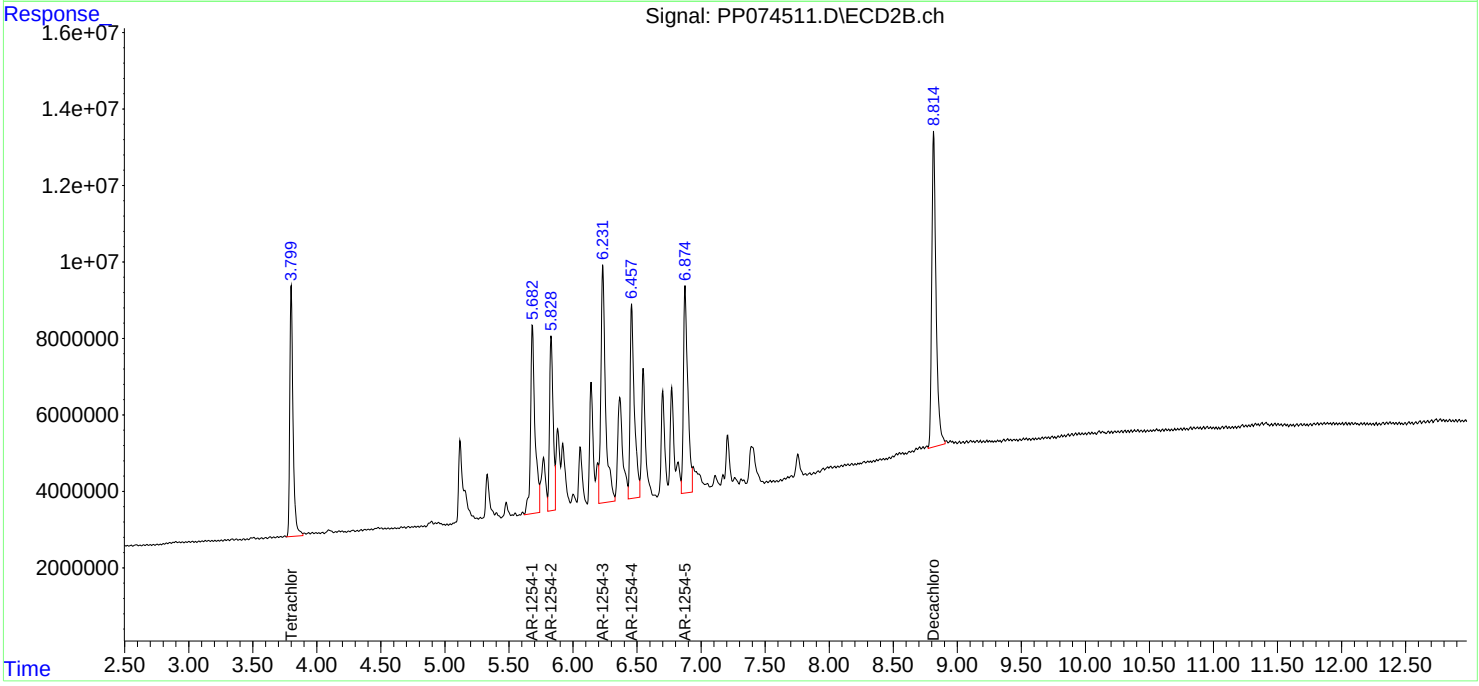
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074511.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 15:42
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

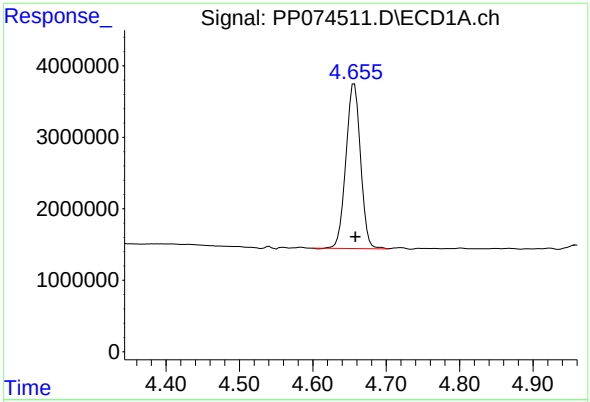
Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:24:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



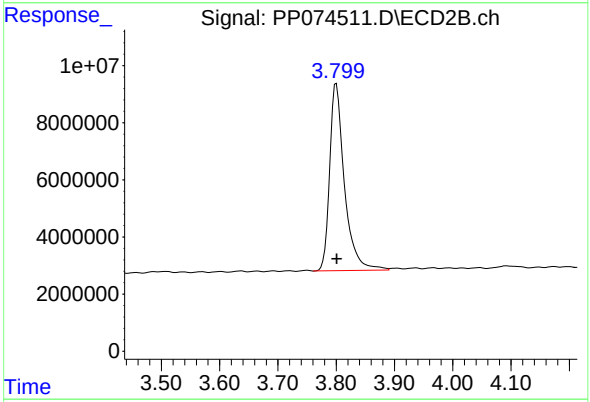




#1 Tetrachloro-m-xylene

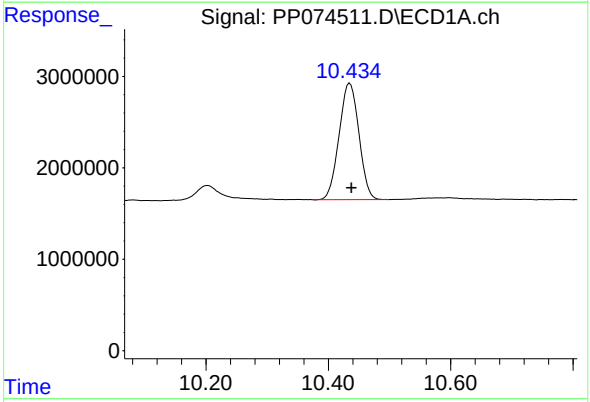
R.T.: 4.657 min
Delta R.T.: -0.001 min
Response: 31994256
Conc: 26.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



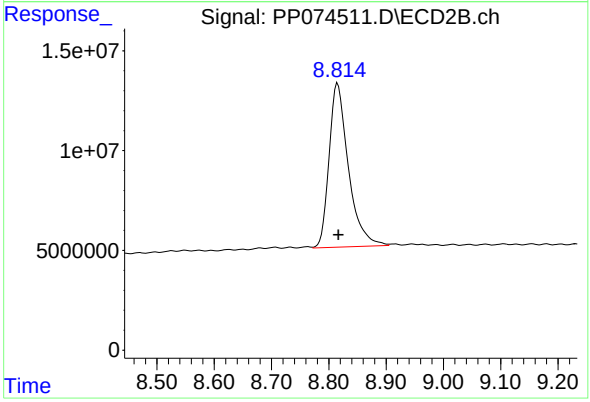
#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 115494066
Conc: 23.20 ng/ml



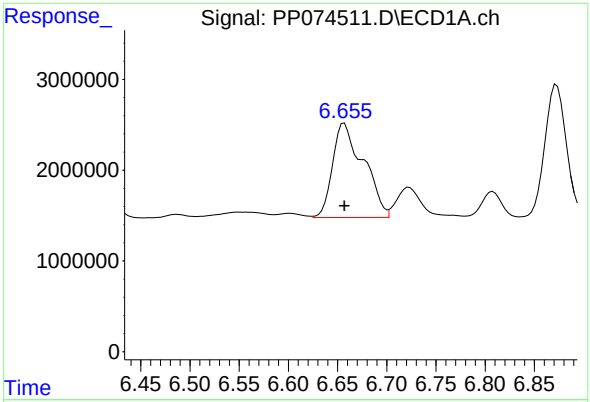
#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: -0.003 min
Response: 28652955
Conc: 27.37 ng/ml



#2 Decachlorobiphenyl

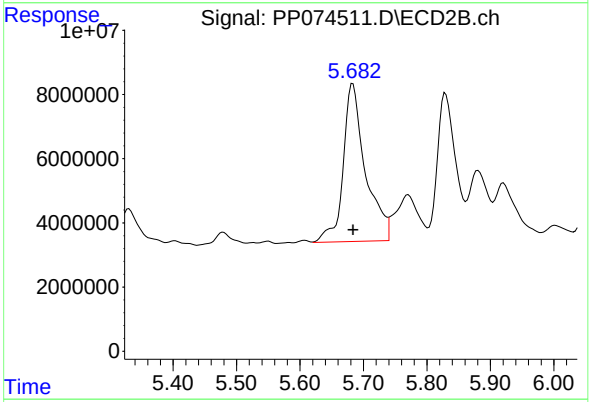
R.T.: 8.815 min
Delta R.T.: -0.002 min
Response: 191779450
Conc: 25.31 ng/ml



#26 AR-1254-1

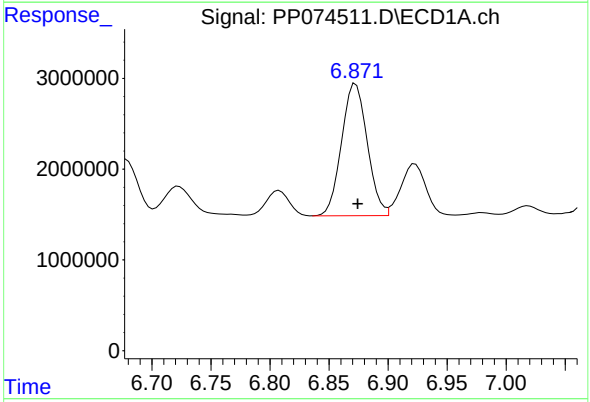
R.T.: 6.657 min
Delta R.T.: 0.000 min
Response: 22673228
Conc: 384.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



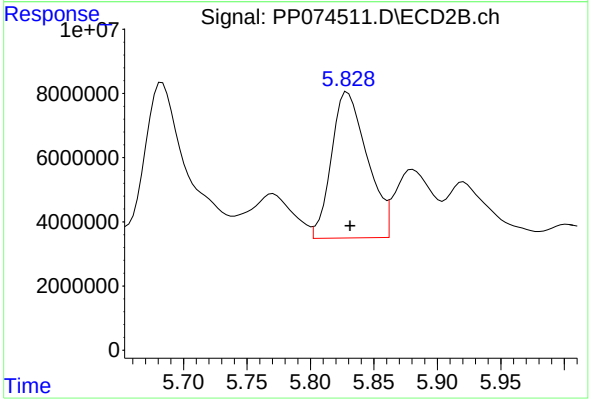
#26 AR-1254-1

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 119921848
Conc: 242.81 ng/ml



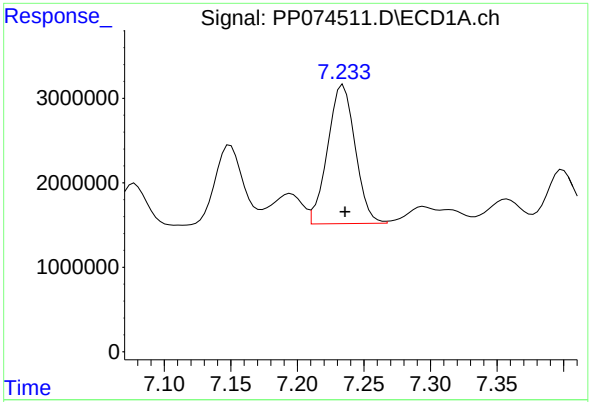
#27 AR-1254-2

R.T.: 6.873 min
Delta R.T.: -0.002 min
Response: 22034196
Conc: 277.18 ng/ml



#27 AR-1254-2

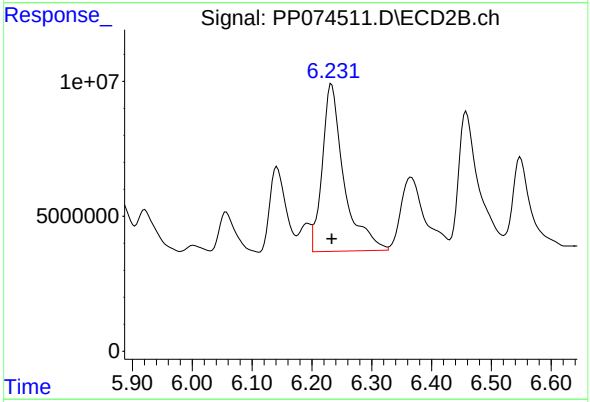
R.T.: 5.829 min
Delta R.T.: -0.002 min
Response: 89396429
Conc: 255.76 ng/ml



#28 AR-1254-3

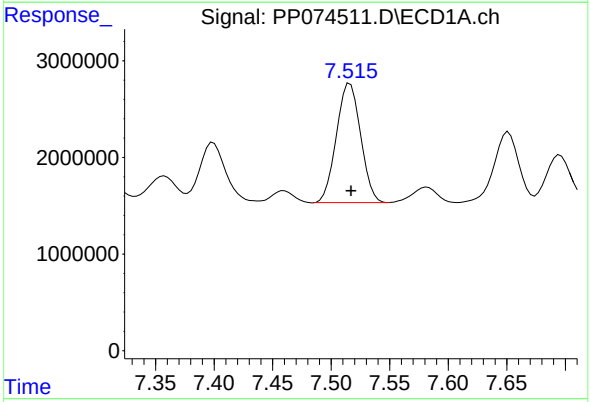
R.T.: 7.234 min
Delta R.T.: -0.001 min
Response: 23677562
Conc: 277.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



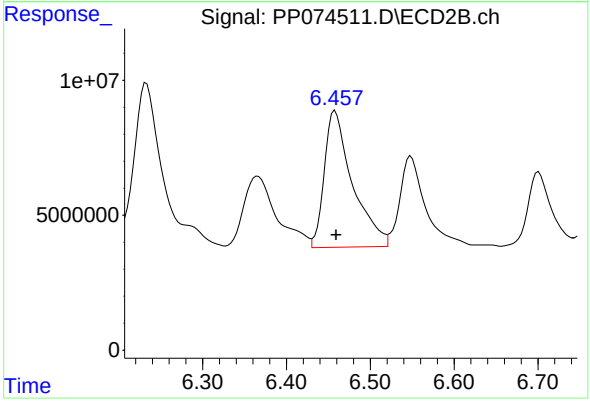
#28 AR-1254-3

R.T.: 6.233 min
Delta R.T.: 0.000 min
Response: 156563611
Conc: 235.95 ng/ml



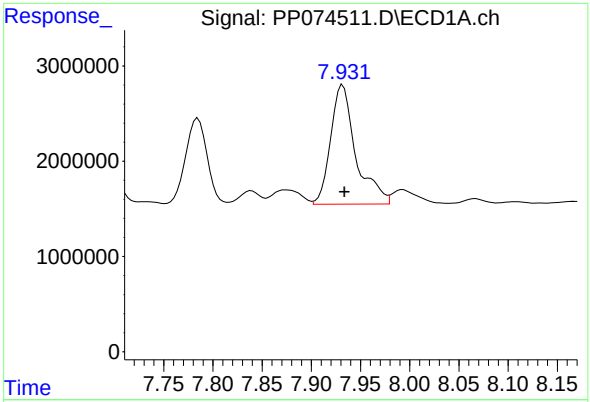
#29 AR-1254-4

R.T.: 7.516 min
Delta R.T.: -0.001 min
Response: 17794501
Conc: 276.42 ng/ml



#29 AR-1254-4

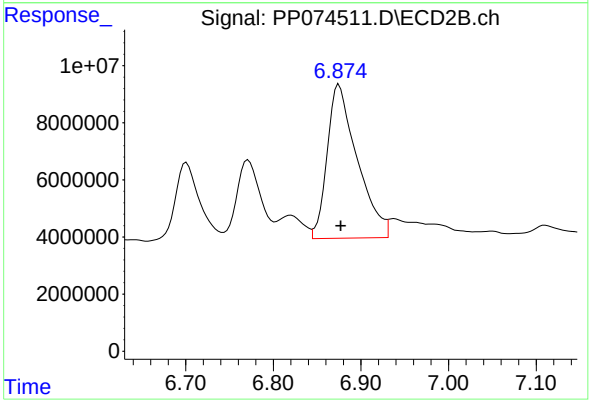
R.T.: 6.458 min
Delta R.T.: -0.001 min
Response: 118185848
Conc: 238.94 ng/ml



#30 AR-1254-5

R.T.: 7.932 min
Delta R.T.: -0.002 min
Response: 22325080
Conc: 274.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



#30 AR-1254-5

R.T.: 6.875 min
Delta R.T.: -0.002 min
Response: 128421857
Conc: 257.25 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074512.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 15:58
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: Aug 20 05:25:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.655	3.799	6824177	16356890	5.753	3.285 #
2)	SA Decachlor...	10.435	8.814	5925526	36307802	5.661	4.793
	Target Compounds						
26)	L6 AR-1254-1	6.655	5.682	5080627	24935505	86.265	50.488 #
27)	L6 AR-1254-2	6.872	5.830	4885847	18783341	61.462	53.739
28)	L6 AR-1254-3	7.233	6.232	6010459	26251359	70.323	39.562 #
29)	L6 AR-1254-4	7.515	6.457	3846980	21709681	59.758	43.891 #
30)	L6 AR-1254-5	7.931	6.876	4851004	21373298	59.711	42.814 #

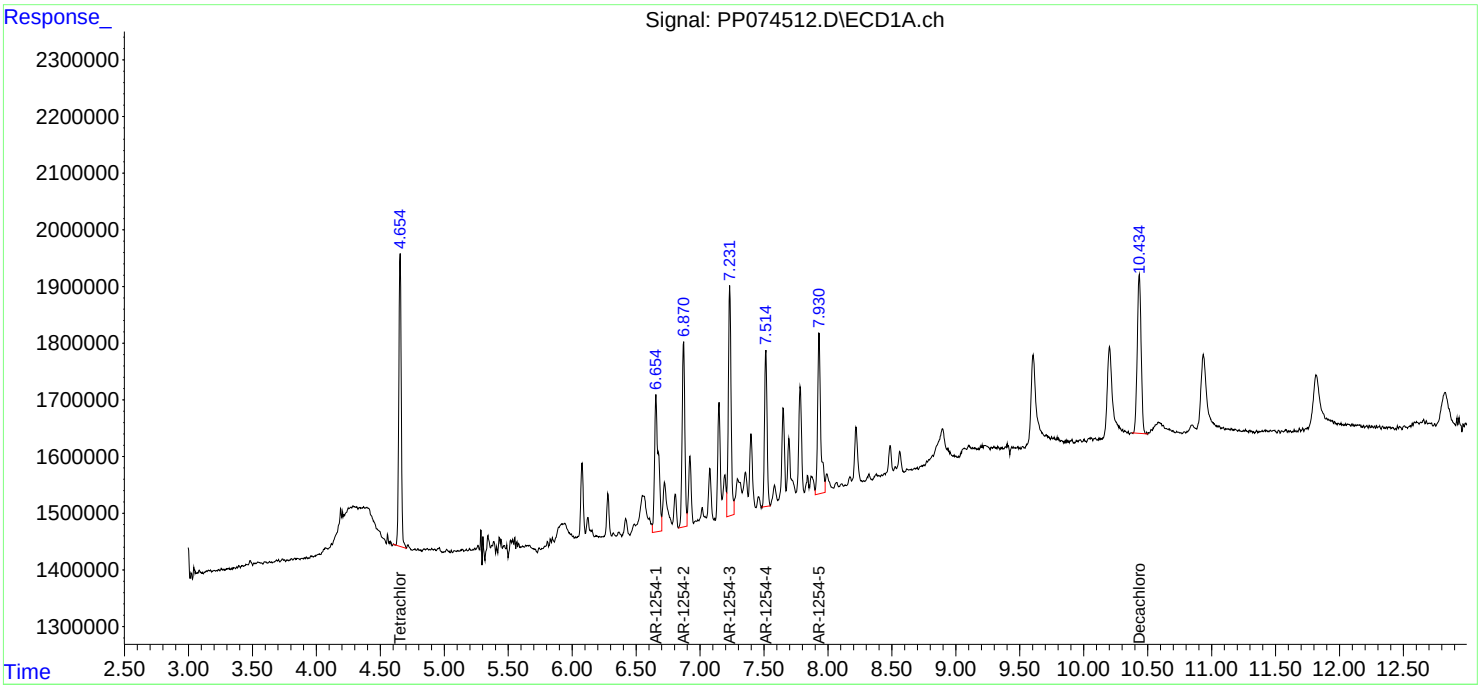
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

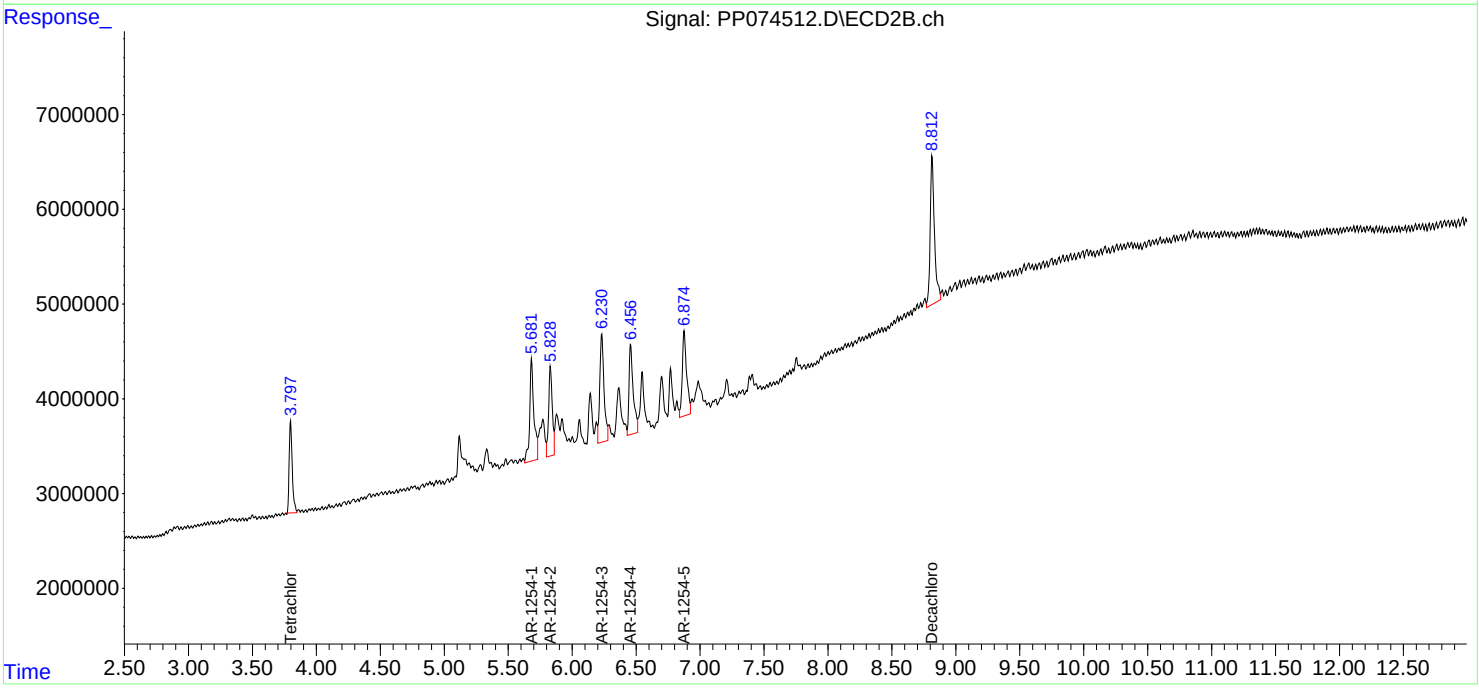
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074512.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 15:58
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

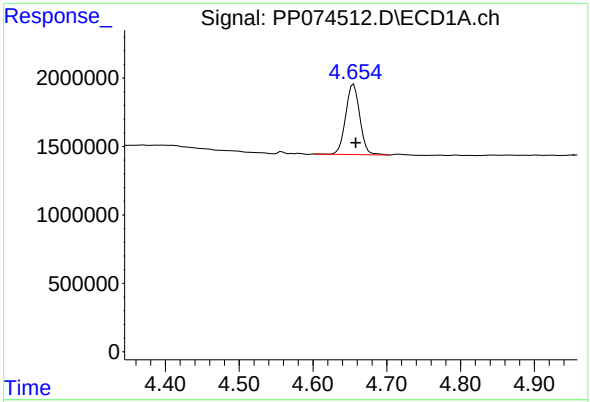
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:25:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



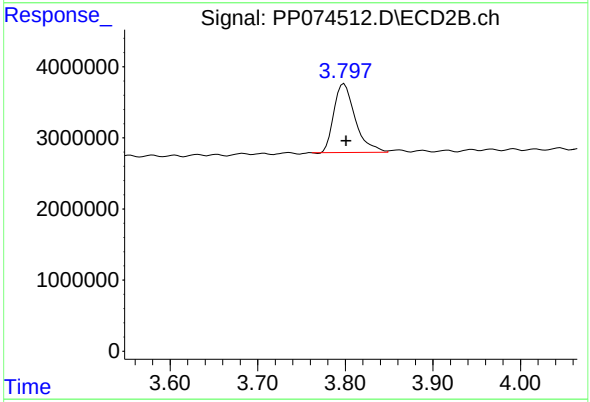




#1 Tetrachloro-m-xylene

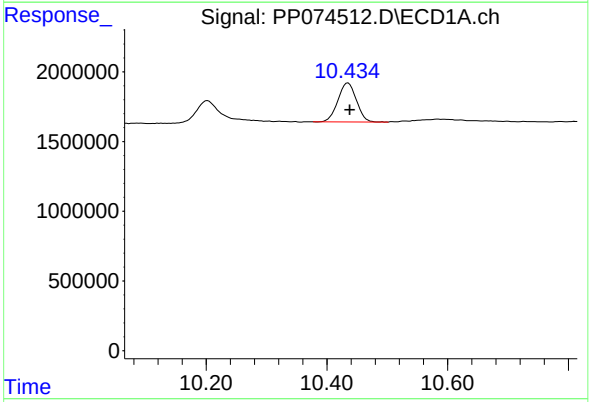
R.T.: 4.655 min
Delta R.T.: -0.003 min
Response: 6824177
Conc: 5.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



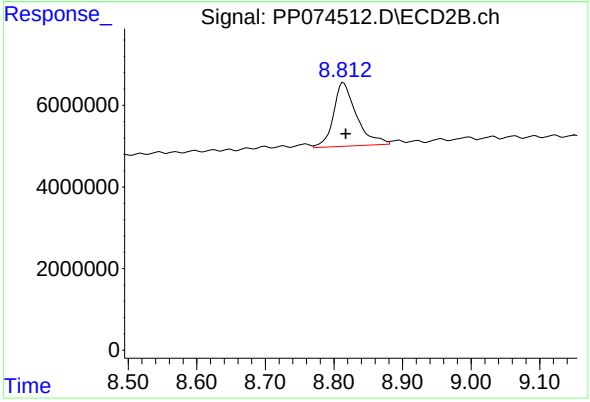
#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: -0.002 min
Response: 16356890
Conc: 3.29 ng/ml



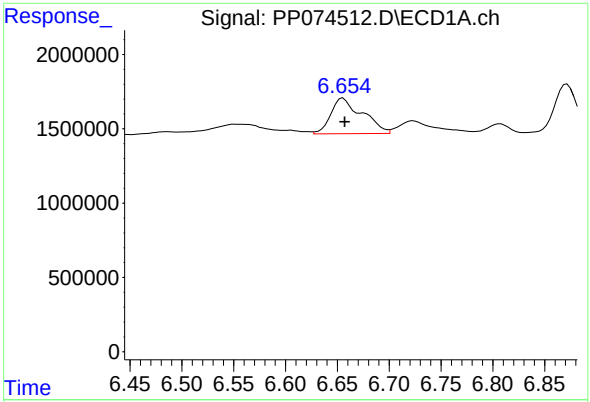
#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: -0.003 min
Response: 5925526
Conc: 5.66 ng/ml



#2 Decachlorobiphenyl

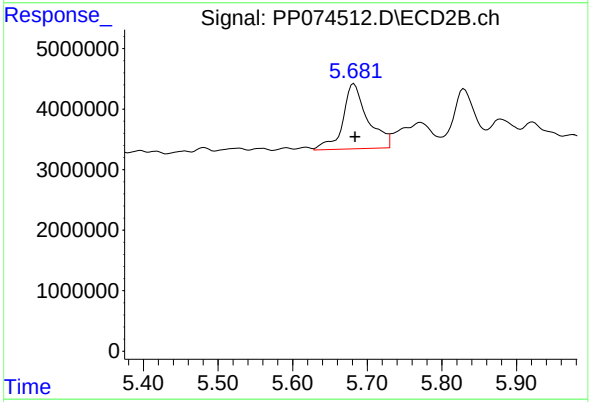
R.T.: 8.814 min
Delta R.T.: -0.003 min
Response: 36307802
Conc: 4.79 ng/ml



#26 AR-1254-1

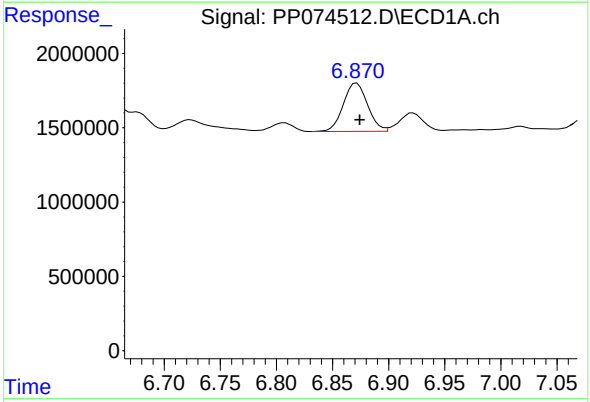
R.T.: 6.655 min
Delta R.T.: -0.002 min
Response: 5080627
Conc: 86.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



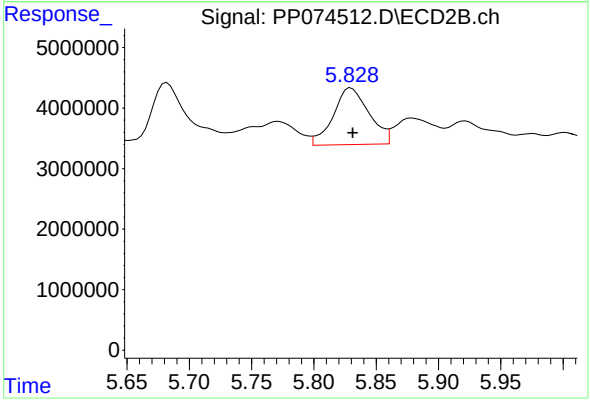
#26 AR-1254-1

R.T.: 5.682 min
Delta R.T.: -0.002 min
Response: 24935505
Conc: 50.49 ng/ml



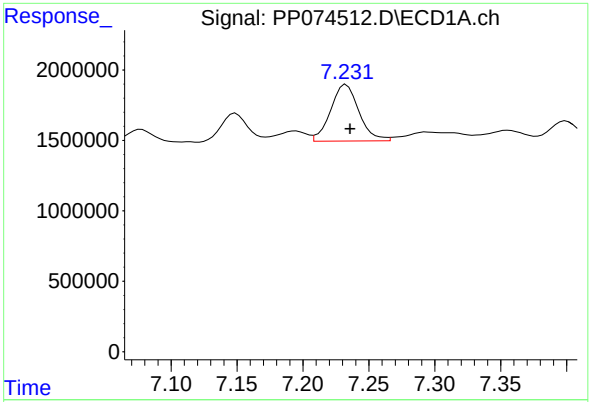
#27 AR-1254-2

R.T.: 6.872 min
Delta R.T.: -0.003 min
Response: 4885847
Conc: 61.46 ng/ml



#27 AR-1254-2

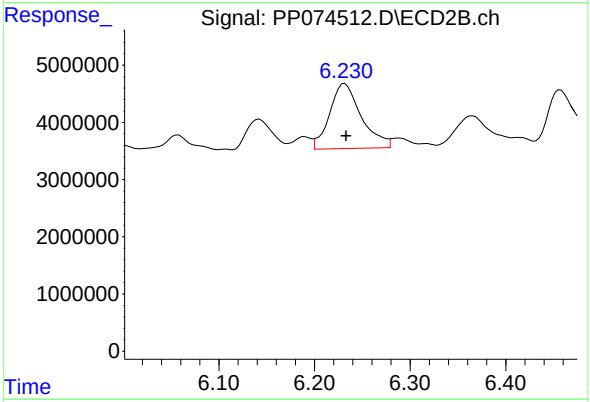
R.T.: 5.830 min
Delta R.T.: -0.001 min
Response: 18783341
Conc: 53.74 ng/ml



#28 AR-1254-3

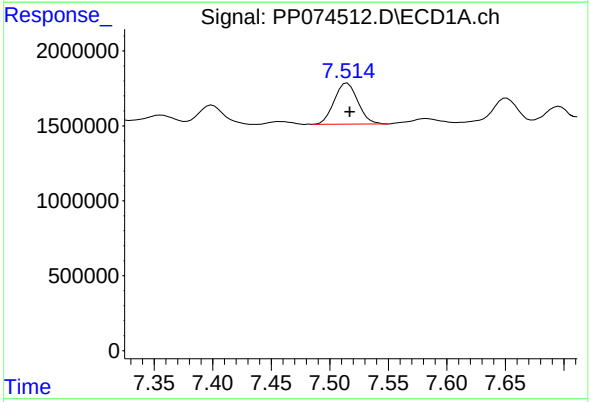
R.T.: 7.233 min
Delta R.T.: -0.003 min
Response: 6010459
Conc: 70.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



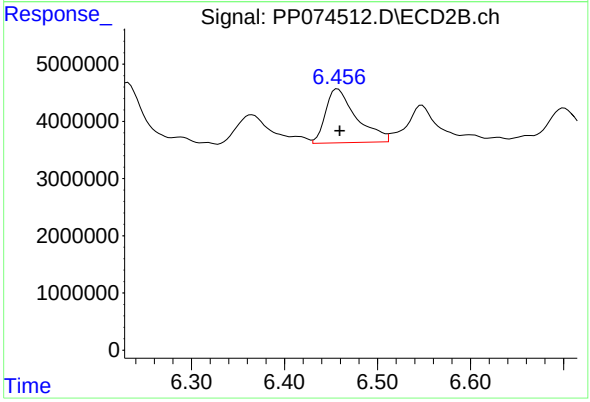
#28 AR-1254-3

R.T.: 6.232 min
Delta R.T.: -0.002 min
Response: 26251359
Conc: 39.56 ng/ml



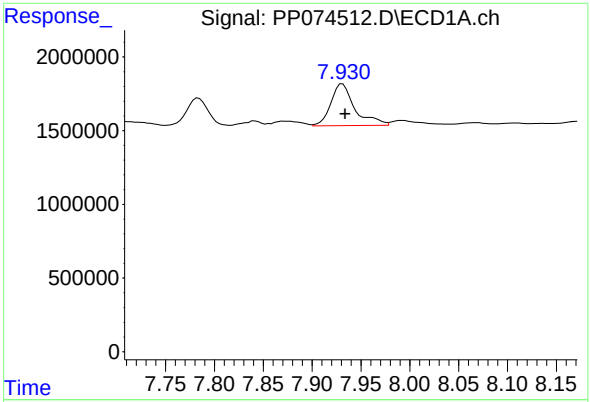
#29 AR-1254-4

R.T.: 7.515 min
Delta R.T.: -0.002 min
Response: 3846980
Conc: 59.76 ng/ml



#29 AR-1254-4

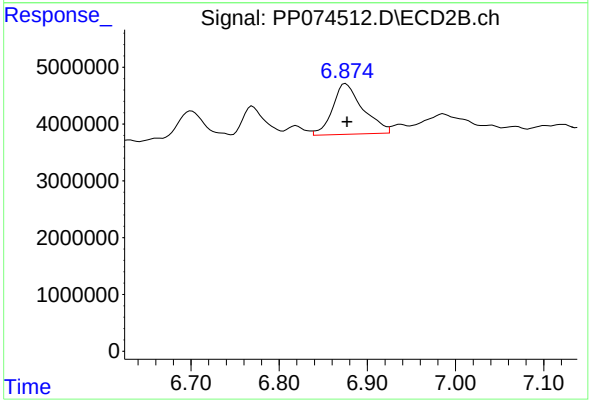
R.T.: 6.457 min
Delta R.T.: -0.002 min
Response: 21709681
Conc: 43.89 ng/ml



#30 AR-1254-5

R.T.: 7.931 min
Delta R.T.: -0.003 min
Response: 4851004
Conc: 59.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



#30 AR-1254-5

R.T.: 6.876 min
Delta R.T.: -0.001 min
Response: 21373298
Conc: 42.81 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074518.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 17:36
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: Aug 20 05:49:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.655	3.798	5929694	14218278	4.878	2.880	#
2)	SA Decachlor...	10.433	8.813	9232334	53747483	5.082	3.729	#
	Target Compounds							
41)	L9 AR-1268-1	8.884	7.693	9026003	52383576	56.483	33.865	#
42)	L9 AR-1268-2	8.980	7.756	7560556	47155232	51.096	32.686	#
43)	L9 AR-1268-3	9.219	7.964	6519117	39184495	52.404	34.869	#
44)	L9 AR-1268-4	9.647	8.250	3622509	12757141	52.359	30.733	#
45)	L9 AR-1268-5	10.078	8.549	19064676	111.1E6	51.212	32.473	#

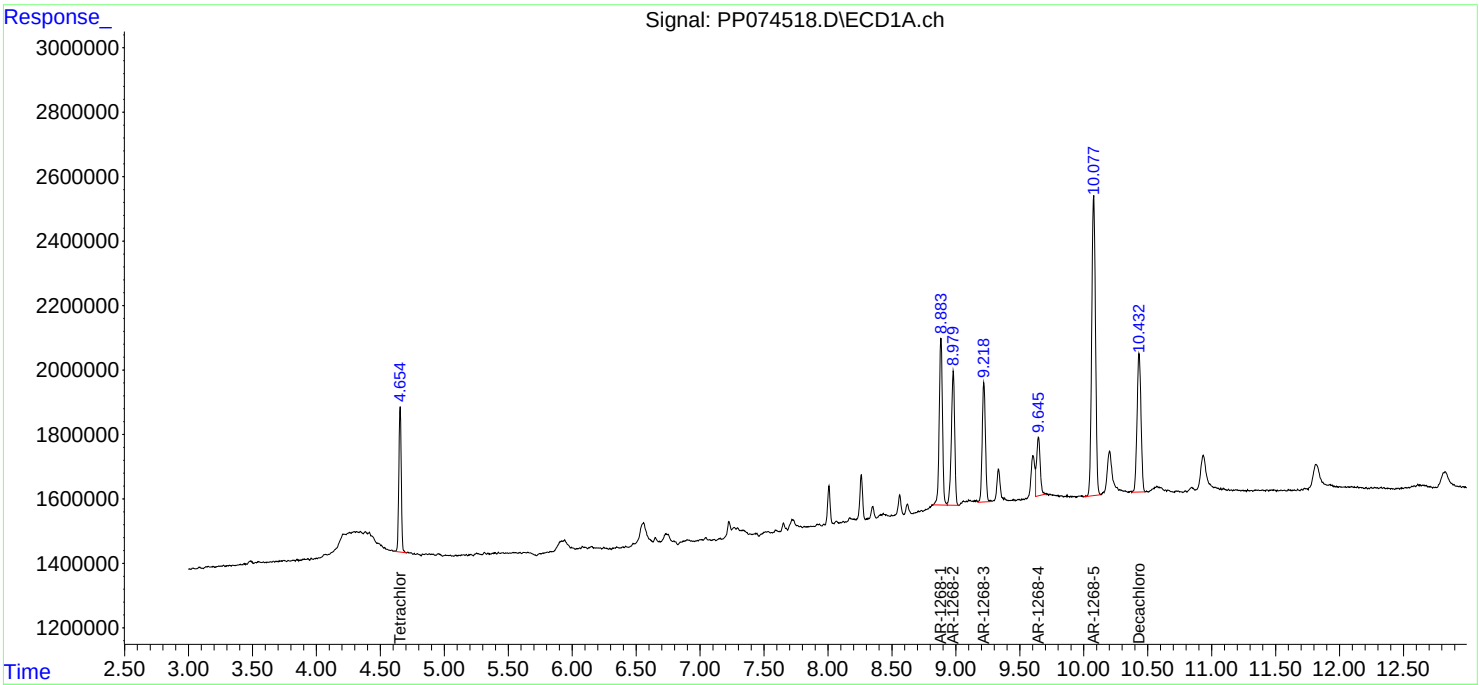
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

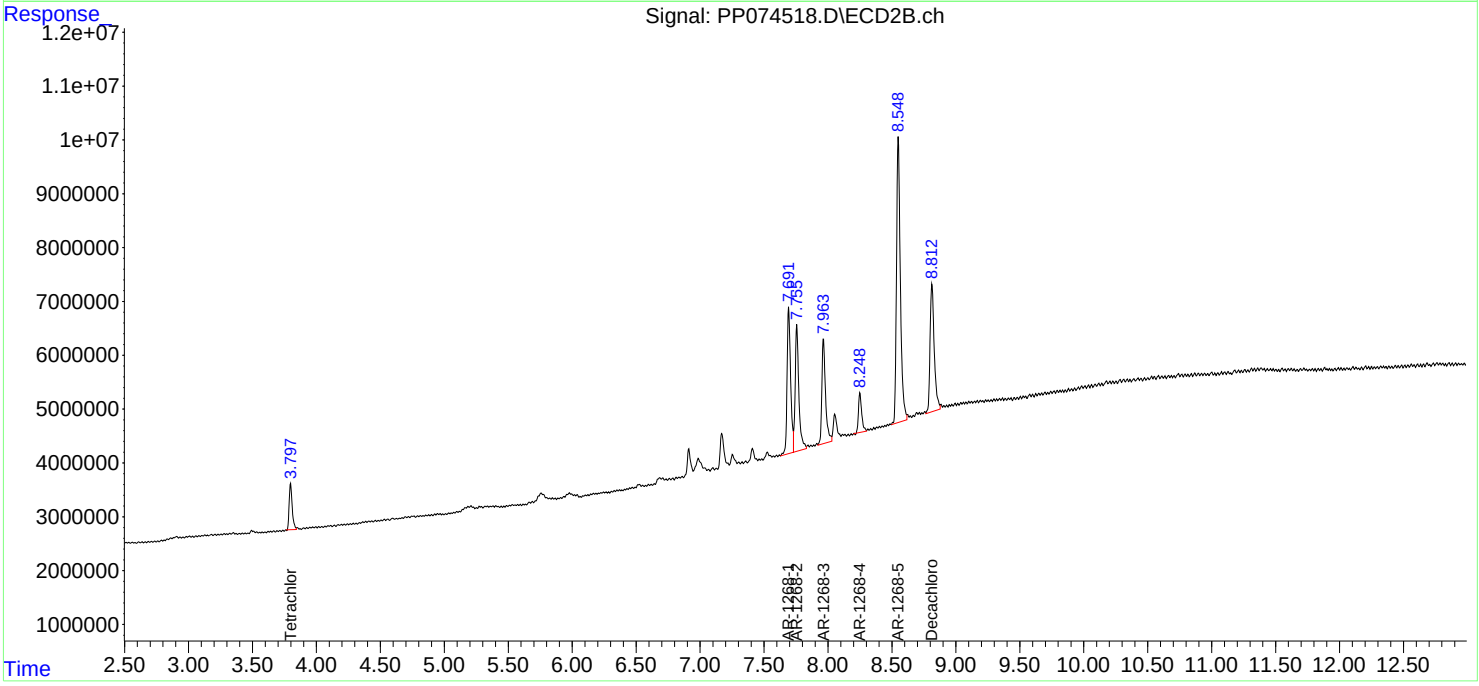
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074518.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 17:36
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

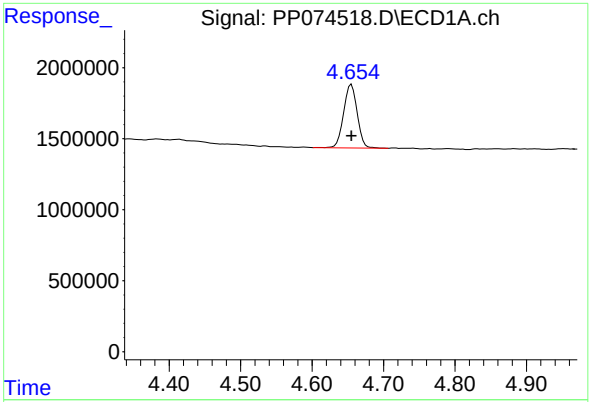
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:49:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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



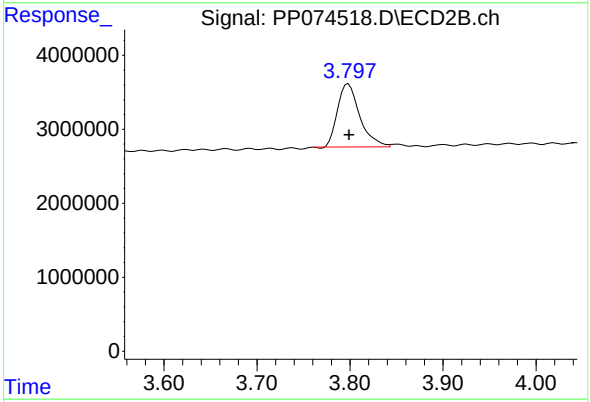




#1 Tetrachloro-m-xylene

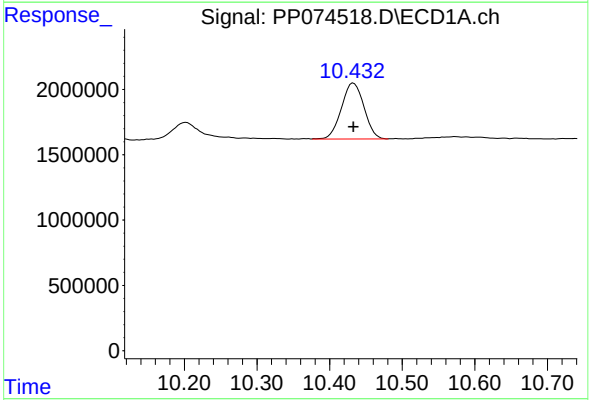
R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 5929694
Conc: 4.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



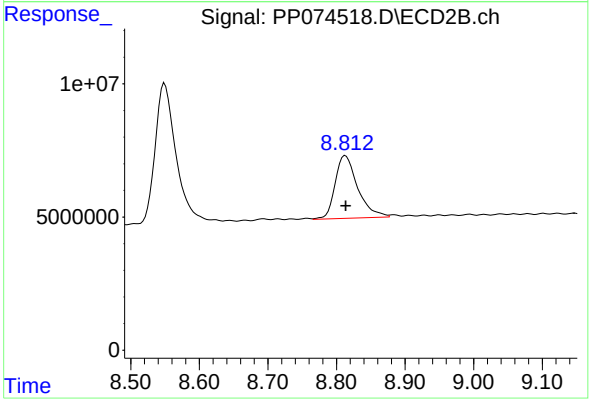
#1 Tetrachloro-m-xylene

R.T.: 3.798 min
Delta R.T.: 0.000 min
Response: 14218278
Conc: 2.88 ng/ml



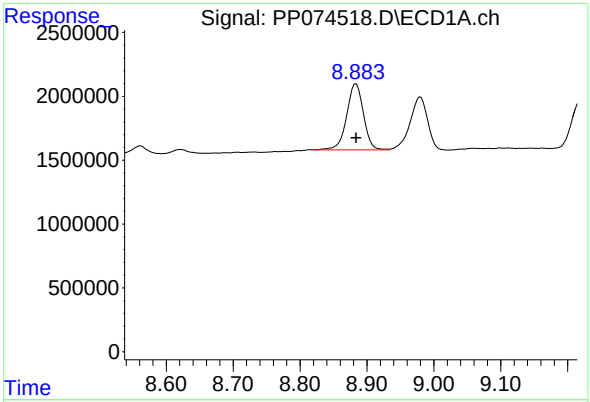
#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.000 min
Response: 9232334
Conc: 5.08 ng/ml



#2 Decachlorobiphenyl

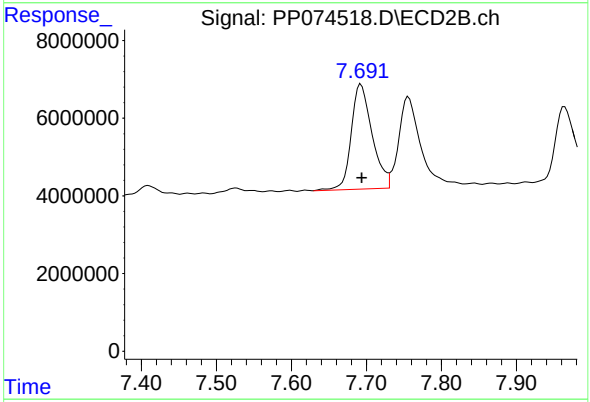
R.T.: 8.813 min
Delta R.T.: 0.000 min
Response: 53747483
Conc: 3.73 ng/ml



#41 AR-1268-1

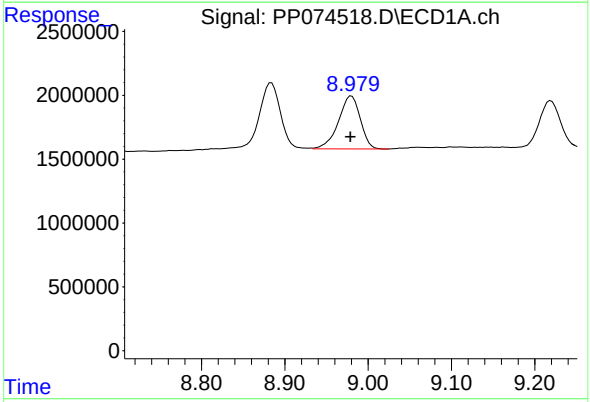
R.T.: 8.884 min
Delta R.T.: 0.000 min
Response: 9026003
Conc: 56.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



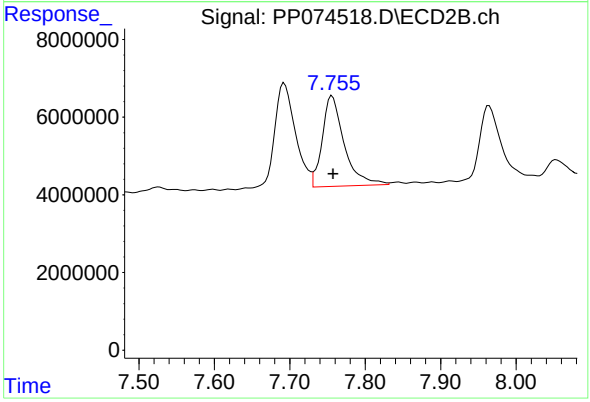
#41 AR-1268-1

R.T.: 7.693 min
Delta R.T.: -0.001 min
Response: 52383576
Conc: 33.87 ng/ml



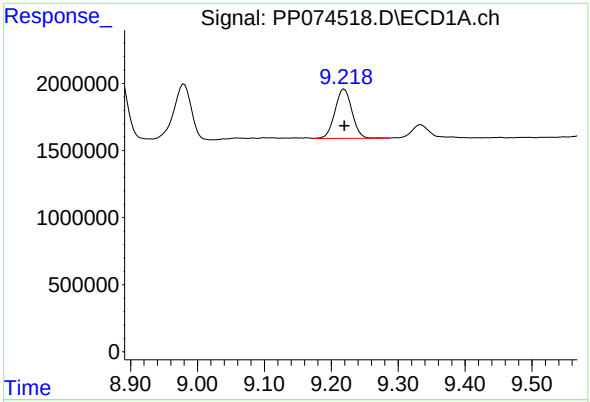
#42 AR-1268-2

R.T.: 8.980 min
Delta R.T.: 0.001 min
Response: 7560556
Conc: 51.10 ng/ml



#42 AR-1268-2

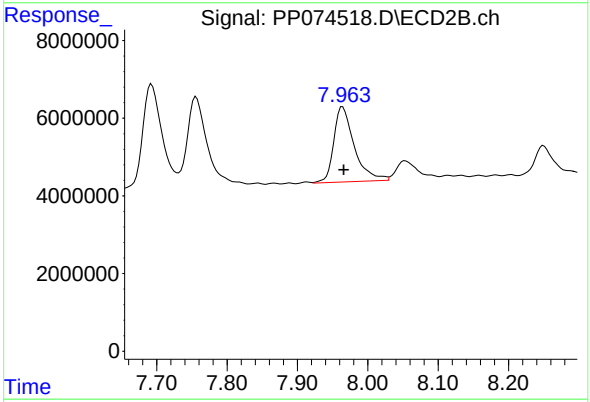
R.T.: 7.756 min
Delta R.T.: -0.001 min
Response: 47155232
Conc: 32.69 ng/ml



#43 AR-1268-3

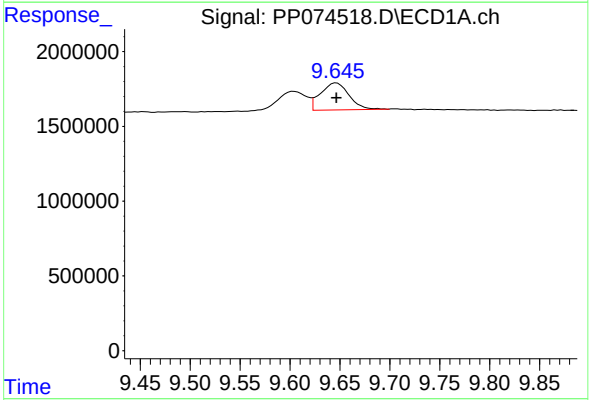
R.T.: 9.219 min
Delta R.T.: 0.000 min
Response: 6519117
Conc: 52.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



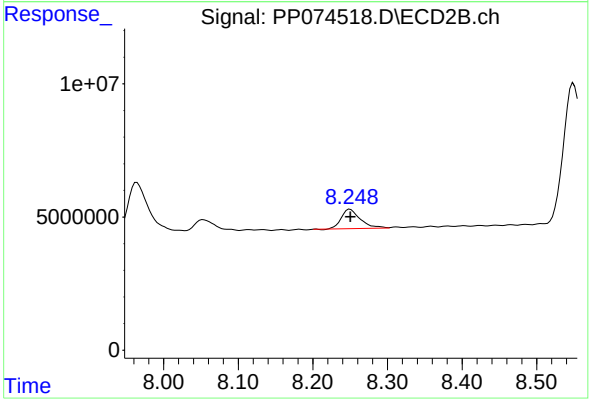
#43 AR-1268-3

R.T.: 7.964 min
Delta R.T.: -0.001 min
Response: 39184495
Conc: 34.87 ng/ml



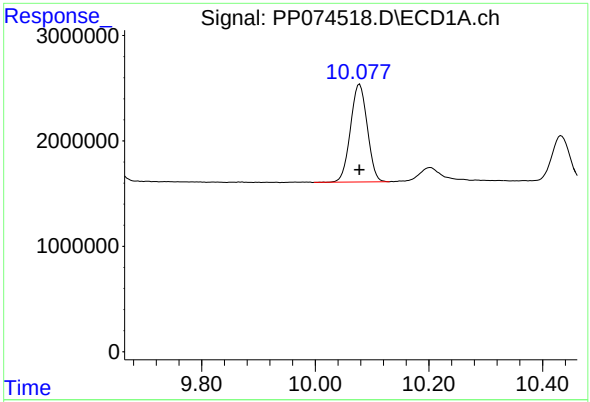
#44 AR-1268-4

R.T.: 9.647 min
Delta R.T.: 0.000 min
Response: 3622509
Conc: 52.36 ng/ml



#44 AR-1268-4

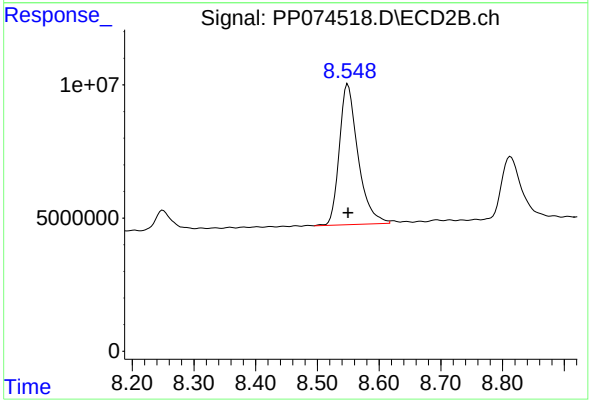
R.T.: 8.250 min
Delta R.T.: 0.000 min
Response: 12757141
Conc: 30.73 ng/ml



#45 AR-1268-5

R.T.: 10.078 min
Delta R.T.: 0.000 min
Response: 19064676
Conc: 51.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



#45 AR-1268-5

R.T.: 8.549 min
Delta R.T.: 0.000 min
Response: 111087591
Conc: 32.47 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074520.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 19:13
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 07:34:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.655	3.800	61135884	251.3E6	49.960	51.980	
2)	SA Decachlor...	10.431	8.814	53404053	390.6E6	54.079	52.086	
	Target Compounds							
3)	L1 AR-1016-1	5.806	4.899	19151882	227.5E6	434.393	446.594	
4)	L1 AR-1016-2	5.828	4.957	28372669	113.8E6	451.495	477.986	
5)	L1 AR-1016-3	5.890	5.077	19007473	66780181	423.198	484.253	
6)	L1 AR-1016-4	5.987	5.118	15591341	52176731	443.165	373.215	
7)	L1 AR-1016-5	6.280	5.332	15414821	60722583	464.497	365.615	
8)	L2 AR-1221-1	4.851	4.010	2398009	7913612	136.306	127.912	
9)	L2 AR-1221-2	4.941	4.097	3575088	9970175	267.653	220.520	
10)	L2 AR-1221-3	5.016	4.172	11629697	46039173	306.749	280.225	
11)	L3 AR-1232-1	5.016	4.172	11629697	46039173	382.884	359.413	
12)	L3 AR-1232-2	5.542	4.899	14710079	227.5E6	933.486	981.368	
13)	L3 AR-1232-3	5.828	5.077	28372669	66780181	928.921	1111.896	
14)	L3 AR-1232-4	5.987	5.161	15591341	134.0E6	902.837	1818.375	#
15)	L3 AR-1232-5	6.077	5.332	13090392	60722583	1008.431	978.074	
16)	L4 AR-1242-1	5.806	4.899	19151882	227.5E6	500.373	539.355	
17)	L4 AR-1242-2	5.828	4.957	28372669	113.8E6	502.331	568.037	
18)	L4 AR-1242-3	5.890	5.077	19007473	66780181	468.131	564.507	
19)	L4 AR-1242-4	5.987	5.161	15591341	134.0E6	491.192	783.057	#
20)	L4 AR-1242-5	6.716	5.680	20582509	107.6E6	570.617	581.233	
21)	L5 AR-1248-1	5.806	4.899	19151882	227.5E6	633.664	823.757	#
22)	L5 AR-1248-2	6.077	5.118	13090392	52176731	303.749	295.192	
23)	L5 AR-1248-3	6.280	5.161	15414821	134.0E6	330.056	589.902	#
24)	L5 AR-1248-4	6.677	5.332	16836929	60722583	306.122	278.517	
25)	L5 AR-1248-5	6.716	5.720	20582509	137.0E6	371.054	373.044	
26)	L6 AR-1254-1	6.652	5.680	16195631	107.6E6	277.944	225.763	
27)	L6 AR-1254-2	6.872	5.827	16590811	33231865	203.279	94.373	#
28)	L6 AR-1254-3	7.228	6.230	13848897	38727598	155.245	62.483	#
29)	L6 AR-1254-4	7.513	6.457	3963718	31225763	60.135	66.633	
30)	L6 AR-1254-5	7.929	6.871	1399533	10303689	16.845	21.006	
31)	L7 AR-1260-1	7.399	6.373	876411	23824604	15.160	63.494	#
32)	L7 AR-1260-2	7.649	6.519	1535117	23918442	22.275	45.230	#
33)	L7 AR-1260-3	8.018	6.698	112109	6537732	2.161	15.099	#
34)	L7 AR-1260-4	8.218	7.171	786980	1028159	12.337	2.695	#
35)	L7 AR-1260-5	8.597f	7.410	65071	1074464	0.574	1.070	#
36)	L8 AR-1262-1	8.257	6.948	62346	2191081	0.810	3.098	#
37)	L8 AR-1262-2	8.597	7.171	65071	1028159	0.492	1.975	#
38)	L8 AR-1262-3	8.865	7.706	647020	37319381	6.656	80.034	#
39)	L8 AR-1262-4	0.000	7.720f	0	63417543	N.D.	77.163	#
40)	L8 AR-1262-5	9.683	8.258	48492	333747	0.796	0.931	
41)	L9 AR-1268-1	8.865	7.706	647020	37319381	3.993	26.458	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074520.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 19:13
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 07:34:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.720f	0	63417543	N.D.	46.513 #
43) L9	AR-1268-3	9.207	7.977	222660	915286	1.802	0.877 #
44) L9	AR-1268-4	9.683f	8.258	48492	333747	0.721	0.871
45) L9	AR-1268-5	10.073	8.550	428631	1330808	1.158	0.424 #

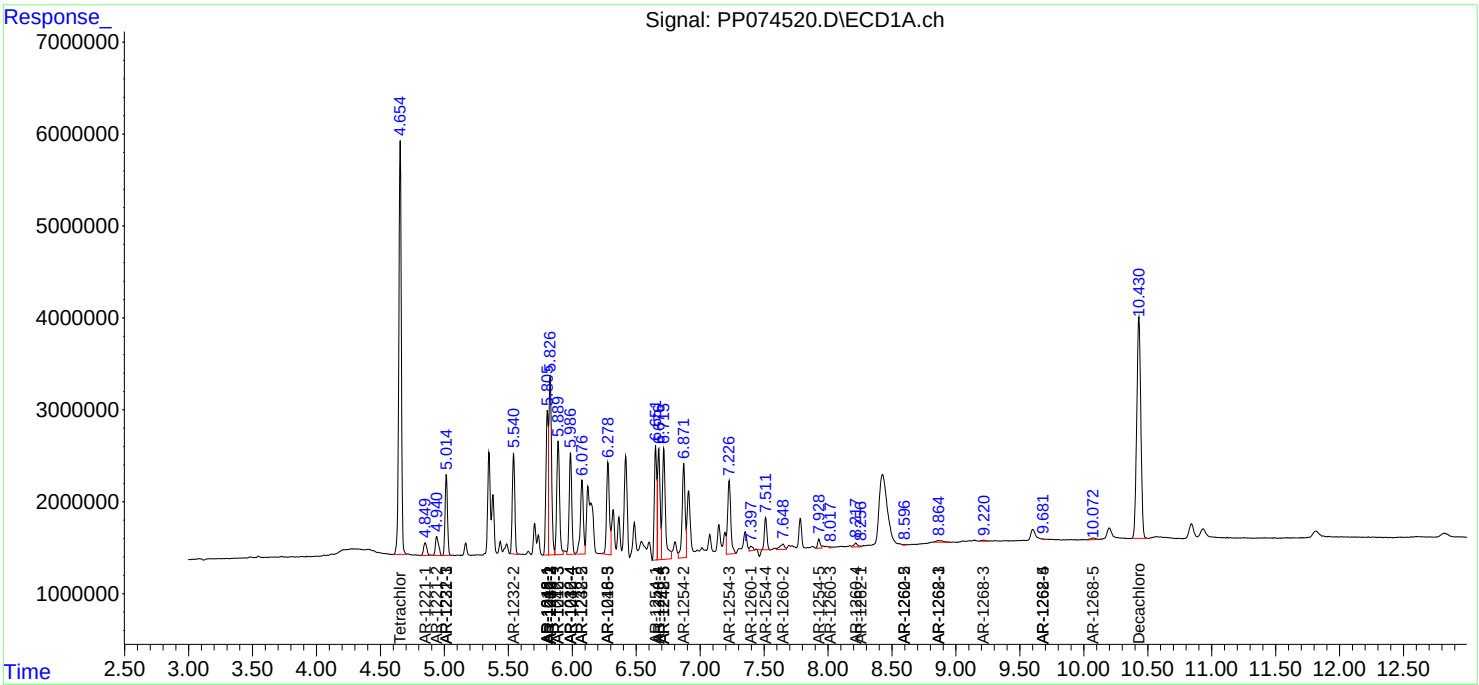
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

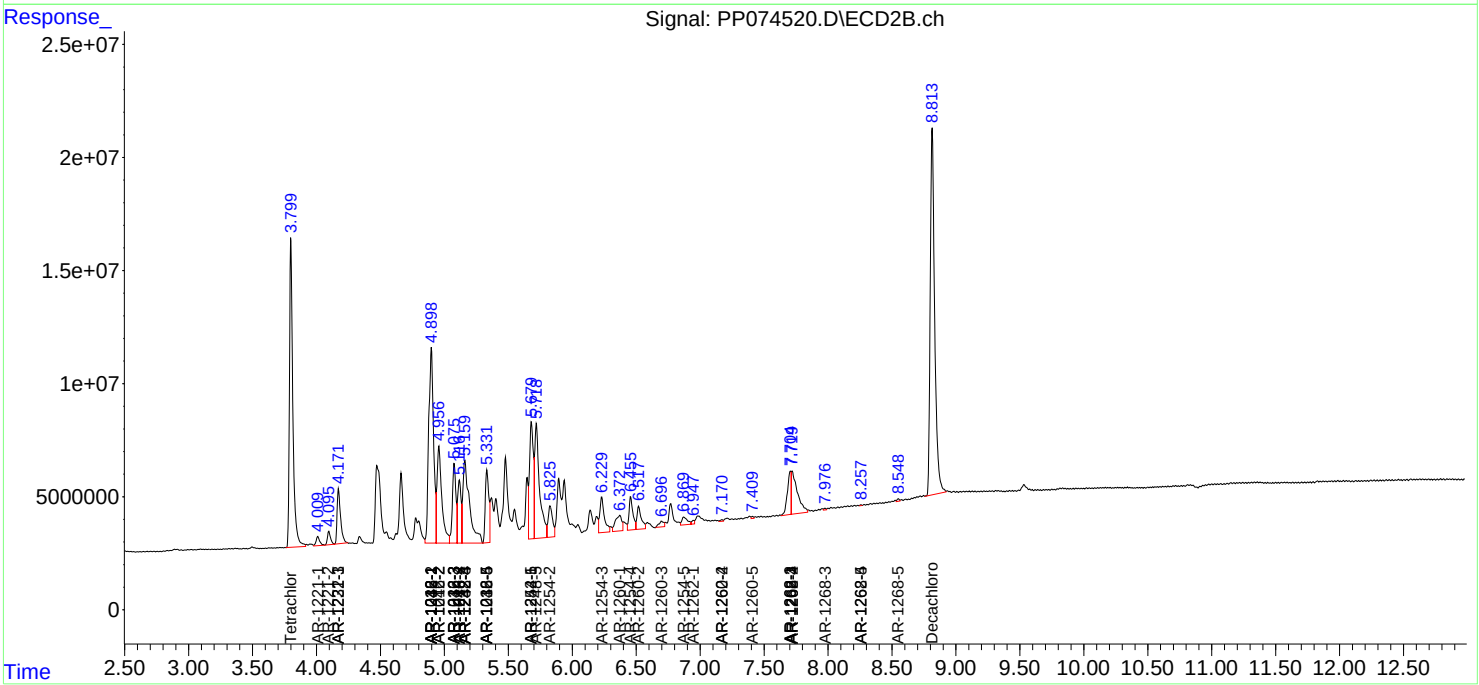
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074520.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 19:13
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 47 Sample Multiplier: 1

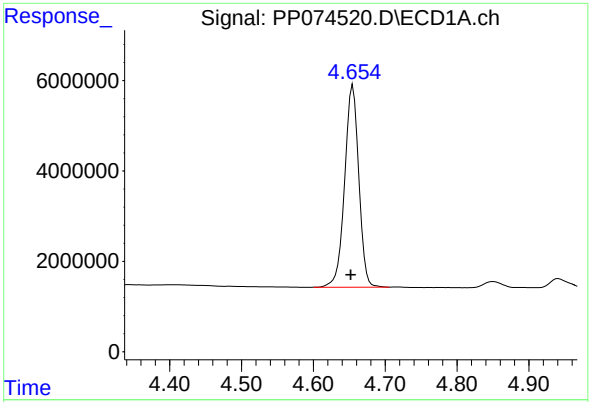
Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 07:34:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



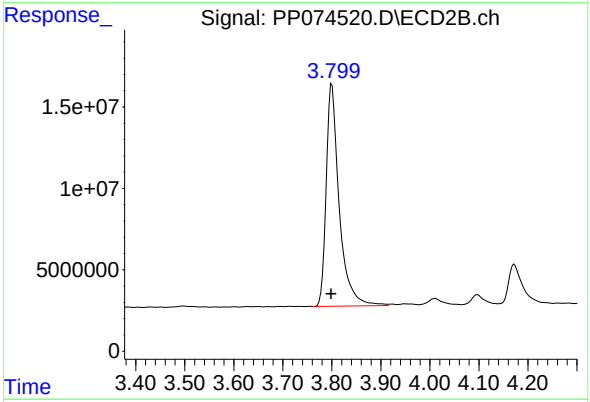




#1 Tetrachloro-m-xylene

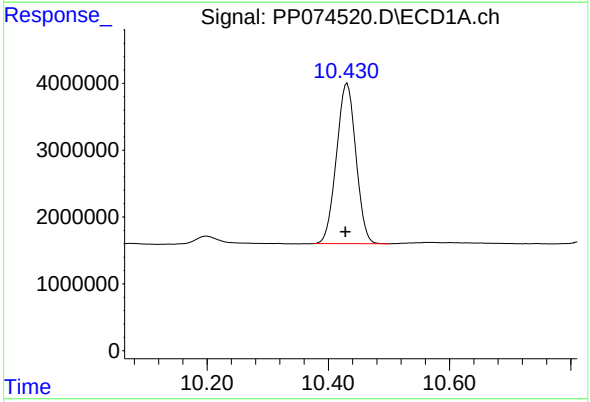
R.T.: 4.655 min
Delta R.T.: 0.003 min
Response: 61135884
Conc: 49.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1242



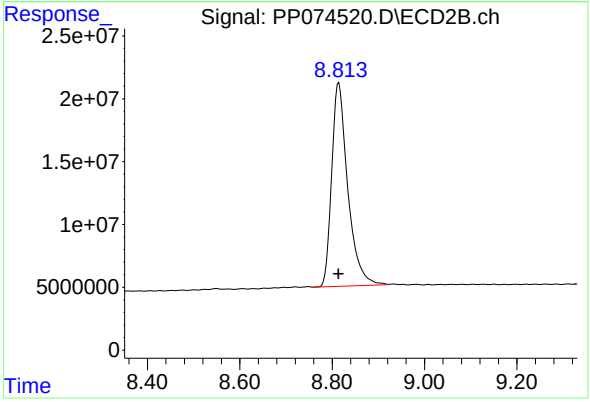
#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: 0.001 min
Response: 251343147
Conc: 51.98 ng/ml



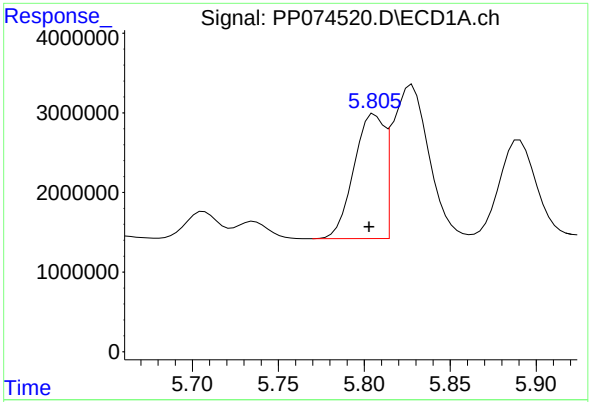
#2 Decachlorobiphenyl

R.T.: 10.431 min
Delta R.T.: 0.003 min
Response: 53404053
Conc: 54.08 ng/ml



#2 Decachlorobiphenyl

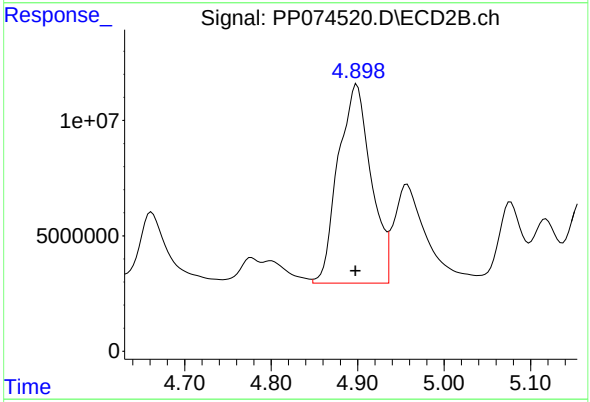
R.T.: 8.814 min
Delta R.T.: 0.000 min
Response: 390600437
Conc: 52.09 ng/ml



#3 AR-1016-1

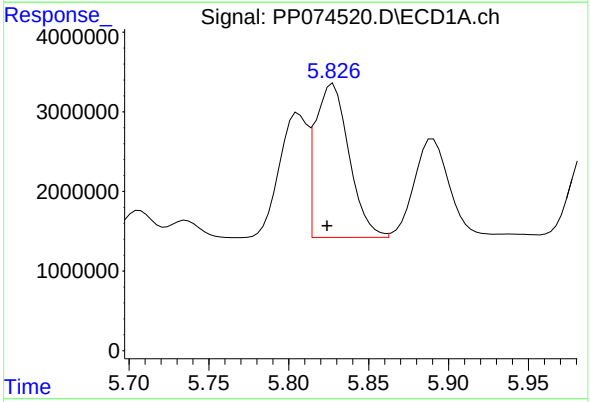
R.T.: 5.806 min
Delta R.T.: 0.003 min
Response: 19151882
Conc: 434.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1242



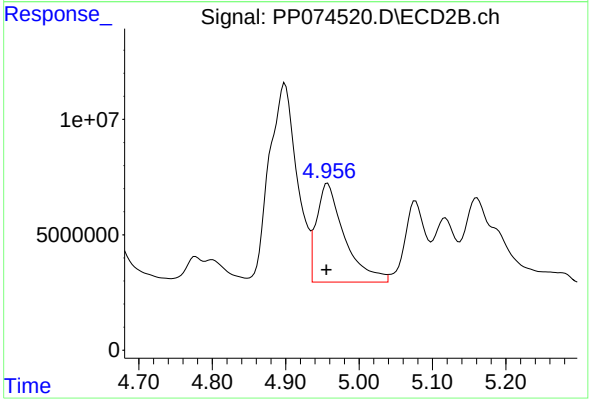
#3 AR-1016-1

R.T.: 4.899 min
Delta R.T.: 0.002 min
Response: 227474604
Conc: 446.59 ng/ml



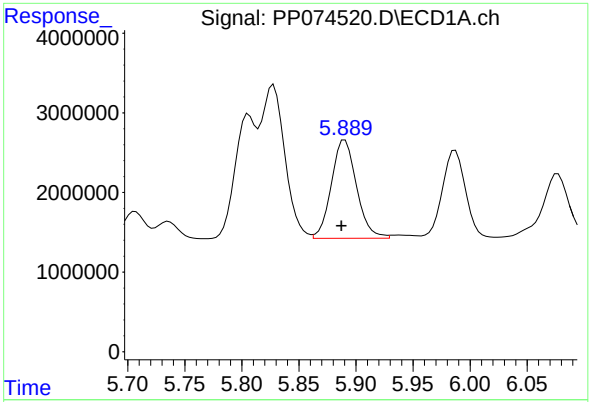
#4 AR-1016-2

R.T.: 5.828 min
Delta R.T.: 0.004 min
Response: 28372669
Conc: 451.49 ng/ml



#4 AR-1016-2

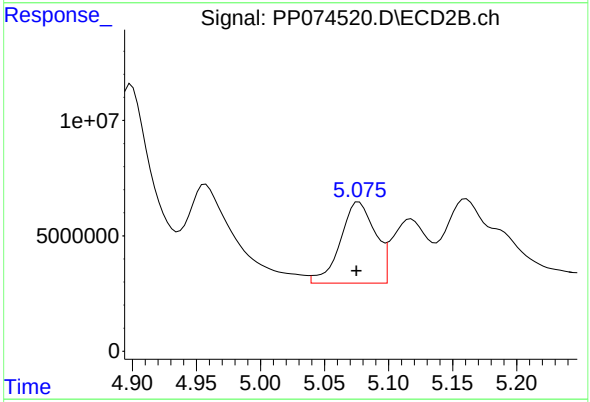
R.T.: 4.957 min
Delta R.T.: 0.002 min
Response: 113767896
Conc: 477.99 ng/ml



#5 AR-1016-3

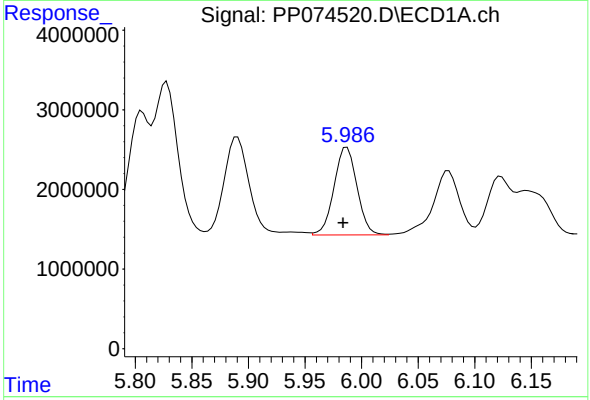
R.T.: 5.890 min
Delta R.T.: 0.003 min
Response: 19007473
Conc: 423.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1242



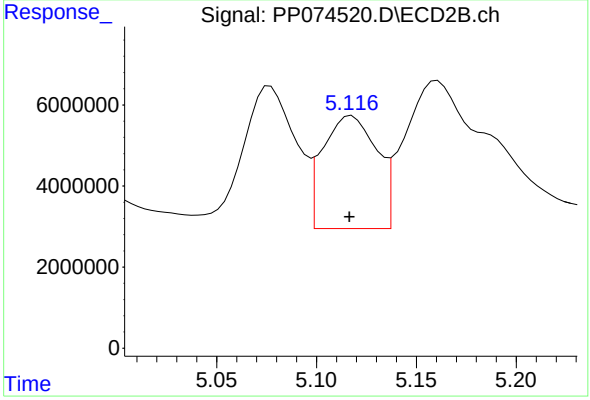
#5 AR-1016-3

R.T.: 5.077 min
Delta R.T.: 0.002 min
Response: 66780181
Conc: 484.25 ng/ml



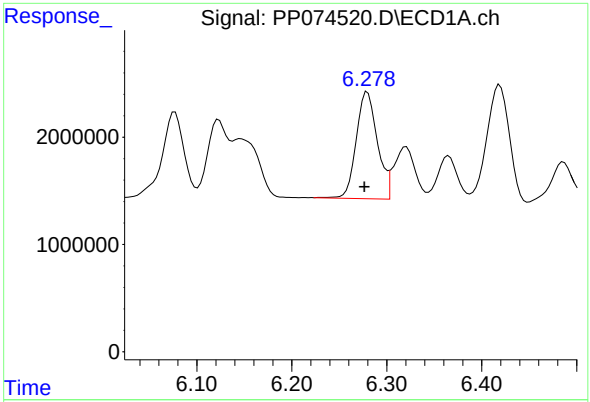
#6 AR-1016-4

R.T.: 5.987 min
Delta R.T.: 0.003 min
Response: 15591341
Conc: 443.16 ng/ml



#6 AR-1016-4

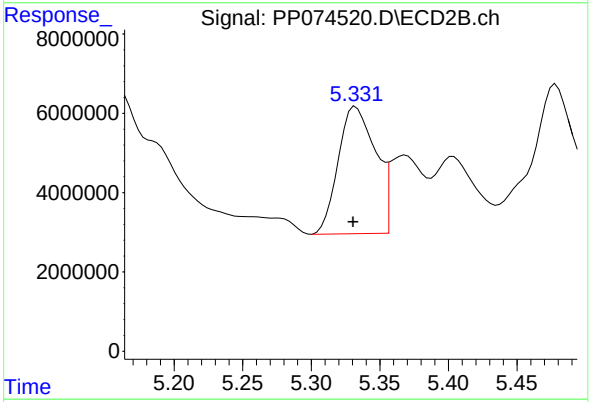
R.T.: 5.118 min
Delta R.T.: 0.001 min
Response: 52176731
Conc: 373.22 ng/ml



#7 AR-1016-5

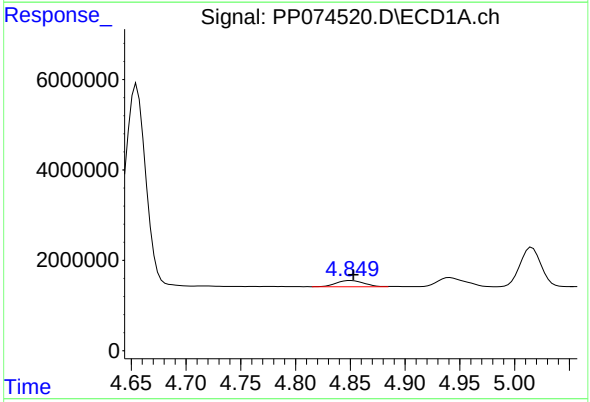
R.T.: 6.280 min
Delta R.T.: 0.003 min
Response: 15414821
Conc: 464.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1242



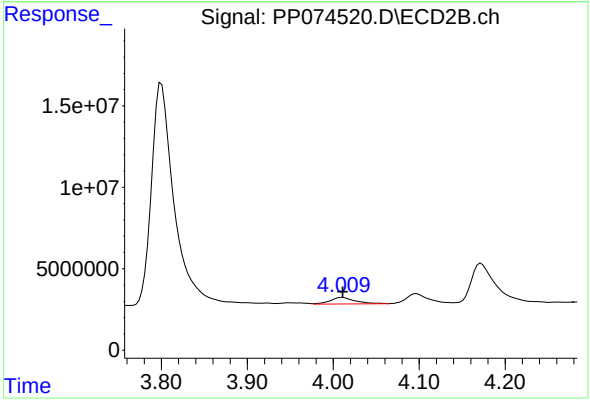
#7 AR-1016-5

R.T.: 5.332 min
Delta R.T.: 0.002 min
Response: 60722583
Conc: 365.62 ng/ml



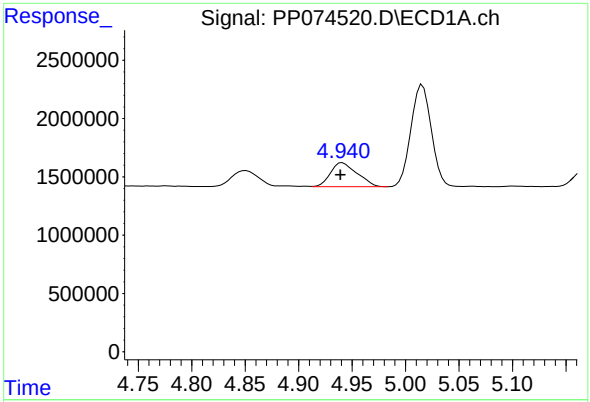
#8 AR-1221-1

R.T.: 4.851 min
Delta R.T.: -0.002 min
Response: 2398009
Conc: 136.31 ng/ml



#8 AR-1221-1

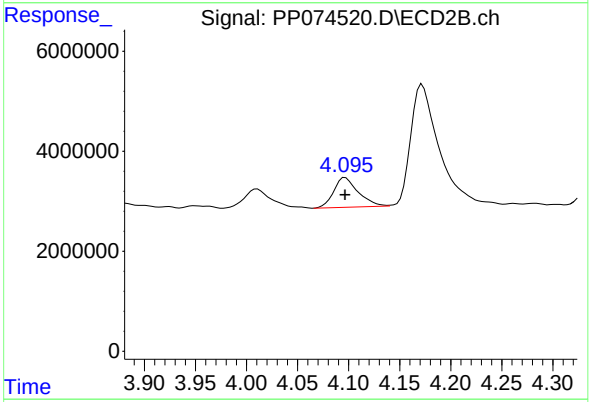
R.T.: 4.010 min
Delta R.T.: 0.000 min
Response: 7913612
Conc: 127.91 ng/ml



#9 AR-1221-2

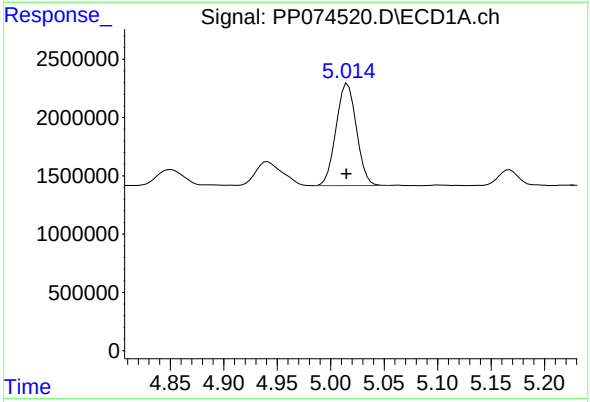
R.T.: 4.941 min
Delta R.T.: 0.002 min
Response: 3575088
Conc: 267.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1242



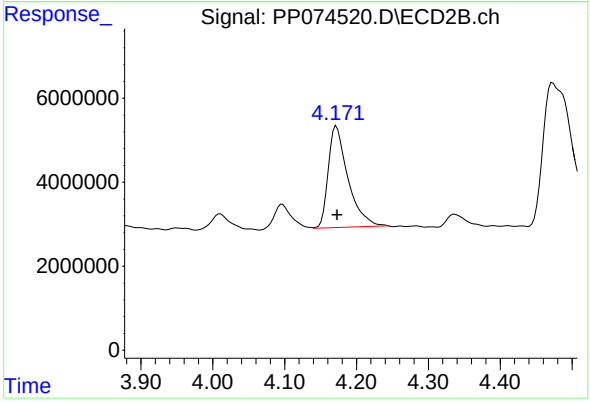
#9 AR-1221-2

R.T.: 4.097 min
Delta R.T.: 0.000 min
Response: 9970175
Conc: 220.52 ng/ml



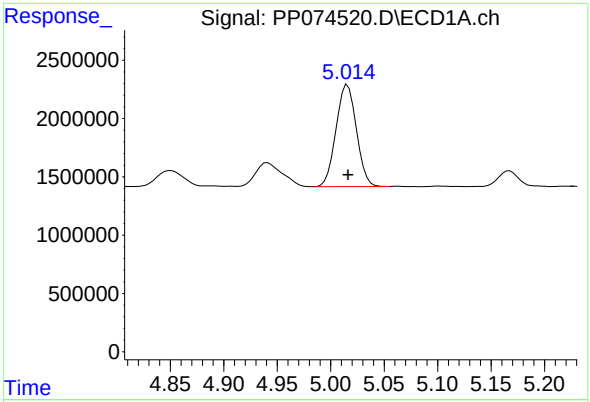
#10 AR-1221-3

R.T.: 5.016 min
Delta R.T.: 0.001 min
Response: 11629697
Conc: 306.75 ng/ml



#10 AR-1221-3

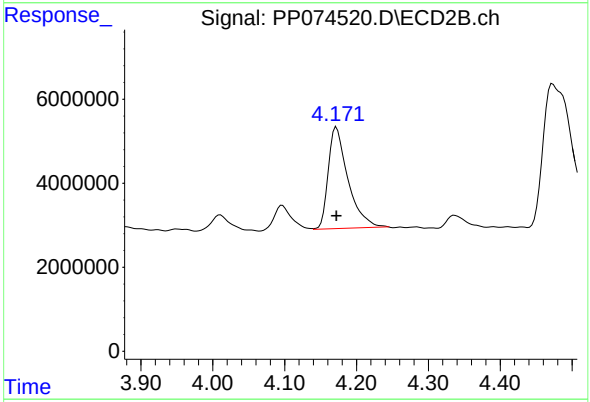
R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 46039173
Conc: 280.22 ng/ml



#11 AR-1232-1

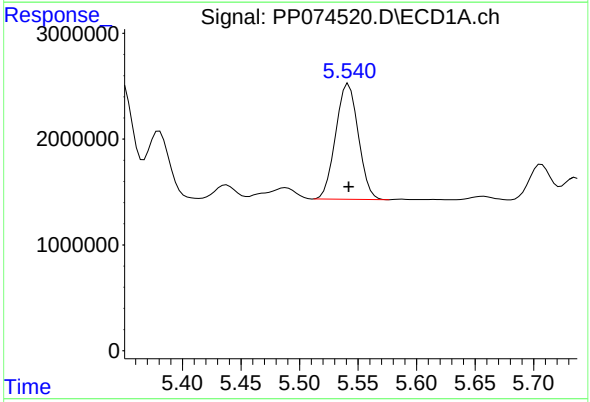
R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 11629697
Conc: 382.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1242



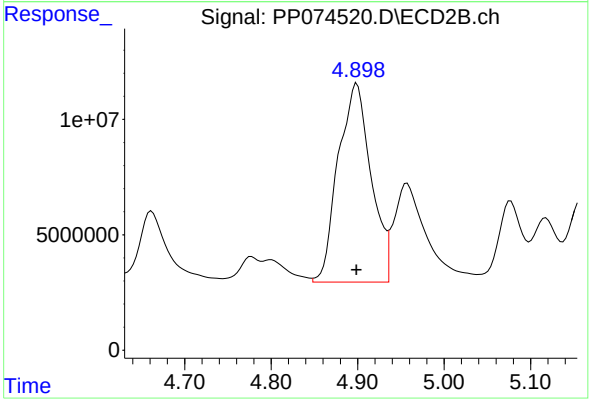
#11 AR-1232-1

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 46039173
Conc: 359.41 ng/ml



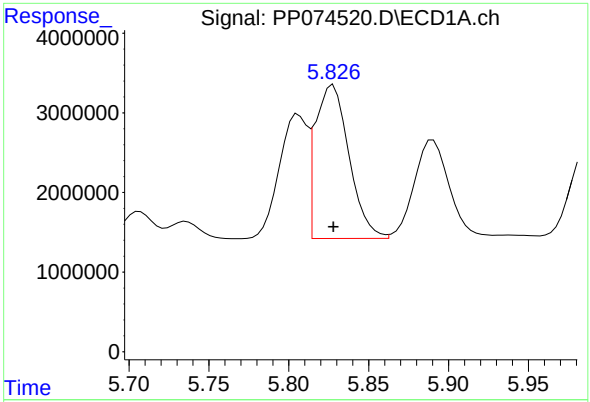
#12 AR-1232-2

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 14710079
Conc: 933.49 ng/ml



#12 AR-1232-2

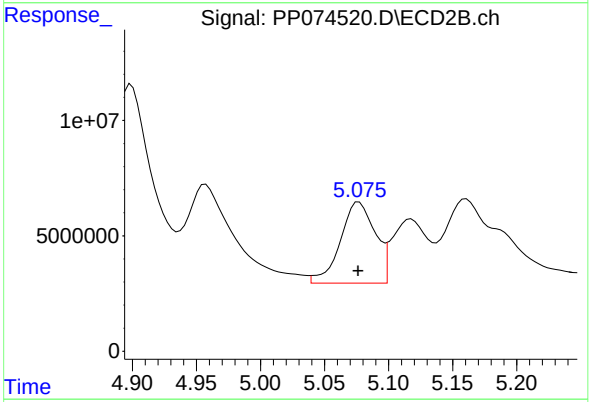
R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 227474604
Conc: 981.37 ng/ml



#13 AR-1232-3

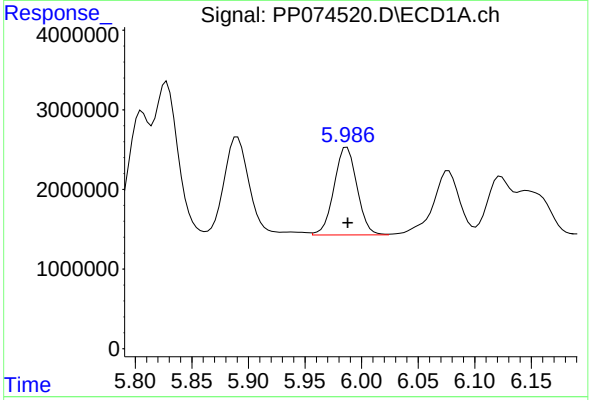
R.T.: 5.828 min
Delta R.T.: 0.000 min
Response: 28372669
Conc: 928.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1242



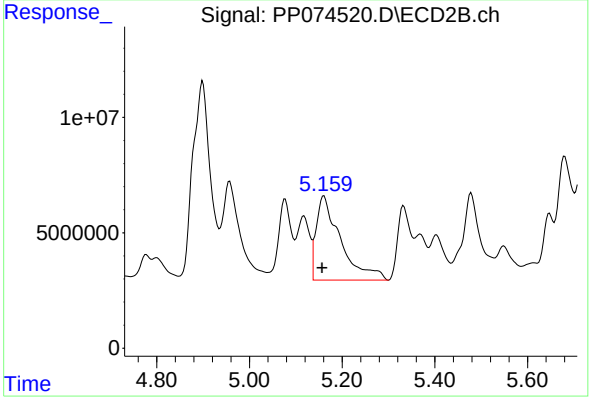
#13 AR-1232-3

R.T.: 5.077 min
Delta R.T.: 0.000 min
Response: 66780181
Conc: 1111.90 ng/ml



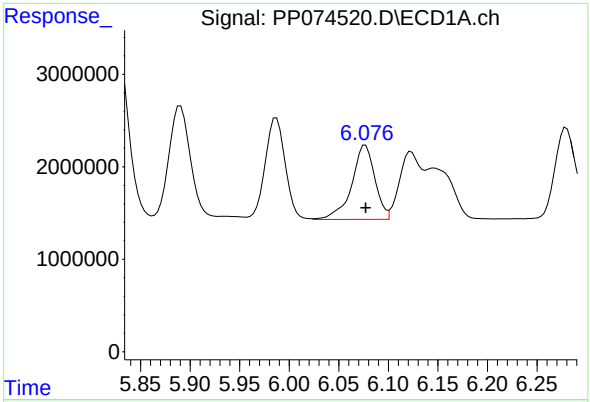
#14 AR-1232-4

R.T.: 5.987 min
Delta R.T.: 0.000 min
Response: 15591341
Conc: 902.84 ng/ml



#14 AR-1232-4

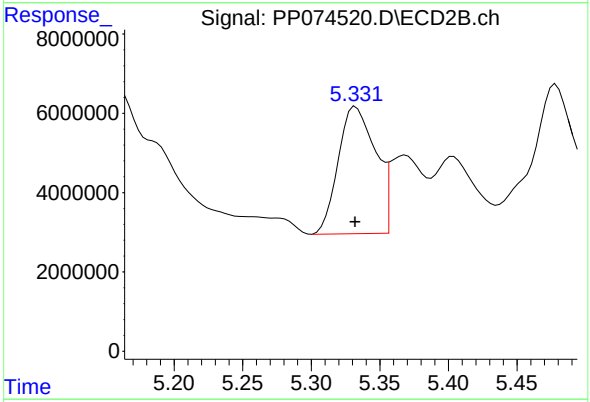
R.T.: 5.161 min
Delta R.T.: 0.003 min
Response: 134027668
Conc: 1818.38 ng/ml



#15 AR-1232-5

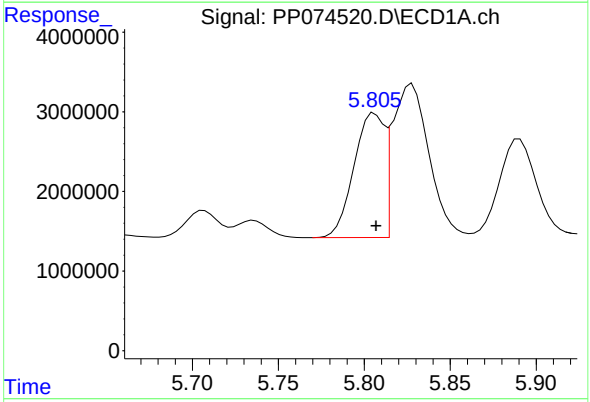
R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 13090392
Conc: 1008.43 ng/m

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1242



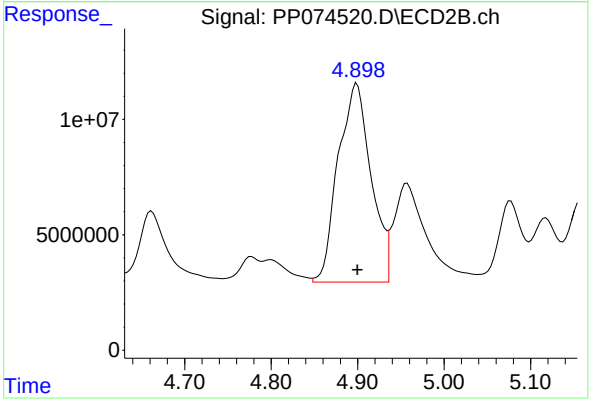
#15 AR-1232-5

R.T.: 5.332 min
Delta R.T.: 0.000 min
Response: 60722583
Conc: 978.07 ng/ml



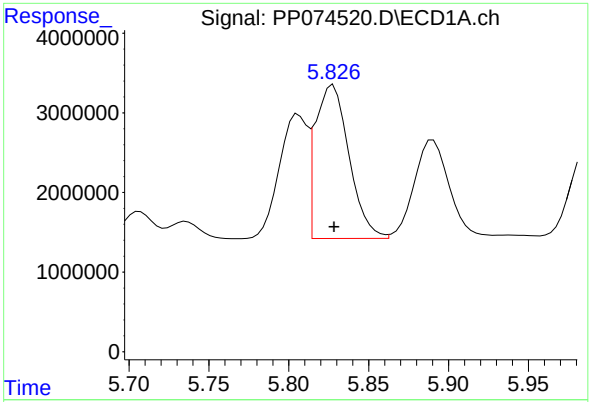
#16 AR-1242-1

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 19151882
Conc: 500.37 ng/ml



#16 AR-1242-1

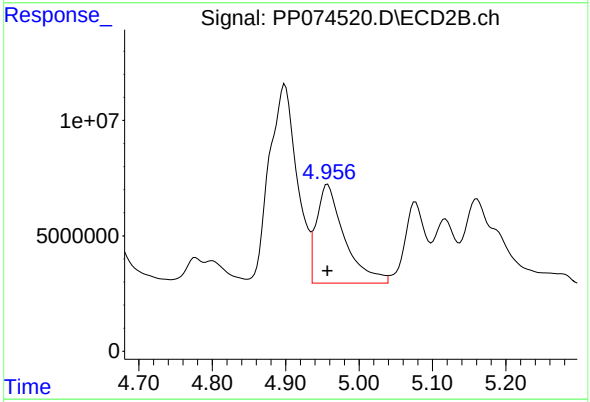
R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 227474604
Conc: 539.36 ng/ml



#17 AR-1242-2

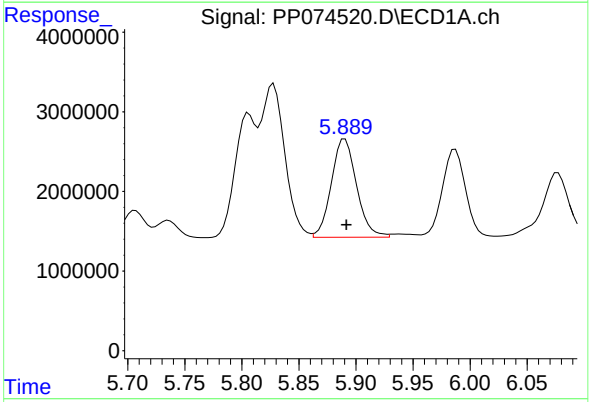
R.T.: 5.828 min
Delta R.T.: 0.000 min
Response: 28372669
Conc: 502.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1242



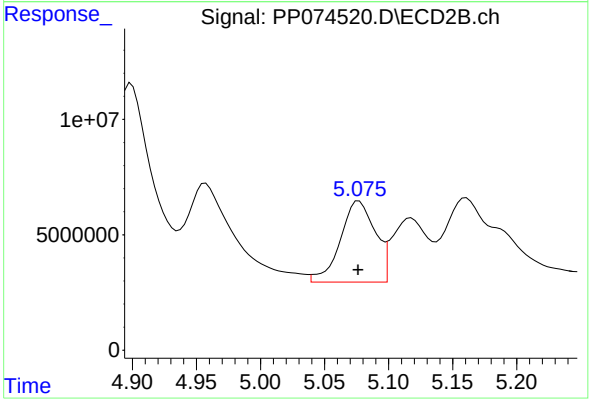
#17 AR-1242-2

R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 113767896
Conc: 568.04 ng/ml



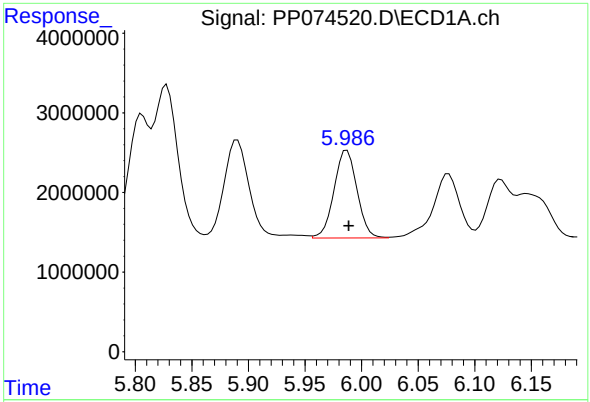
#18 AR-1242-3

R.T.: 5.890 min
Delta R.T.: -0.001 min
Response: 19007473
Conc: 468.13 ng/ml



#18 AR-1242-3

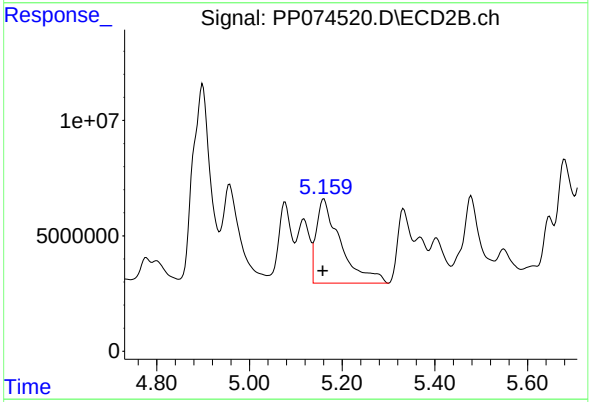
R.T.: 5.077 min
Delta R.T.: 0.000 min
Response: 66780181
Conc: 564.51 ng/ml



#19 AR-1242-4

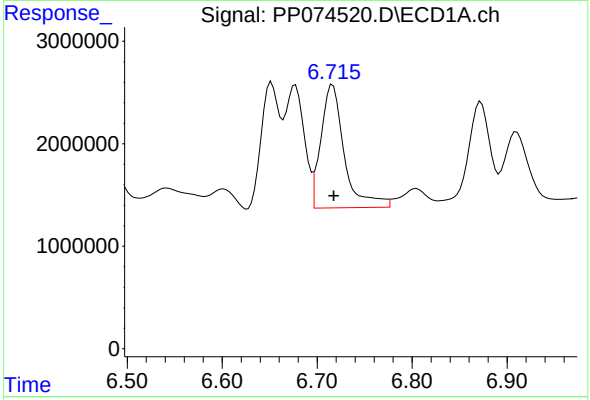
R.T.: 5.987 min
Delta R.T.: -0.001 min
Response: 15591341
Conc: 491.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1242



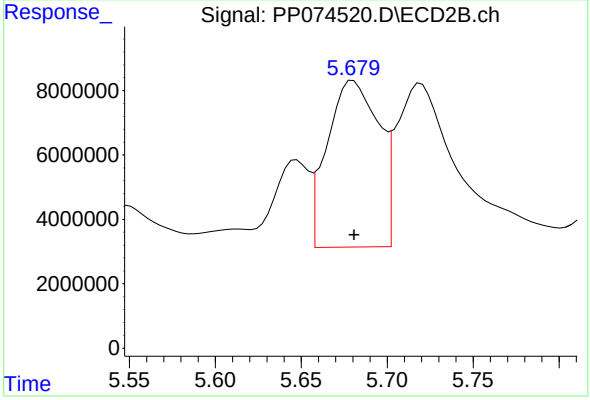
#19 AR-1242-4

R.T.: 5.161 min
Delta R.T.: 0.003 min
Response: 134027668
Conc: 783.06 ng/ml



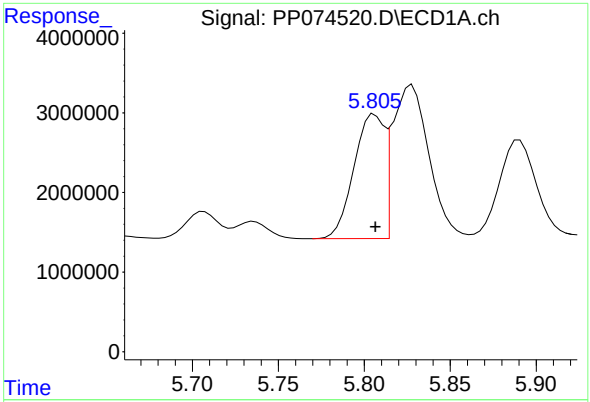
#20 AR-1242-5

R.T.: 6.716 min
Delta R.T.: -0.001 min
Response: 20582509
Conc: 570.62 ng/ml



#20 AR-1242-5

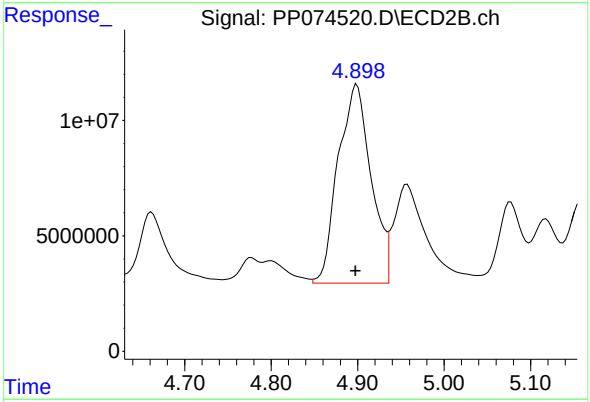
R.T.: 5.680 min
Delta R.T.: 0.000 min
Response: 107623434
Conc: 581.23 ng/ml



#21 AR-1248-1

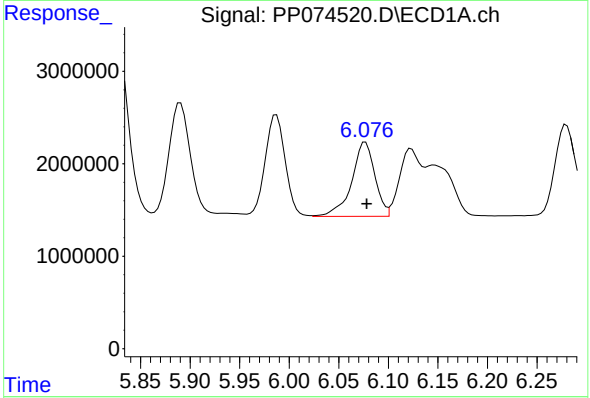
R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 19151882
Conc: 633.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1242



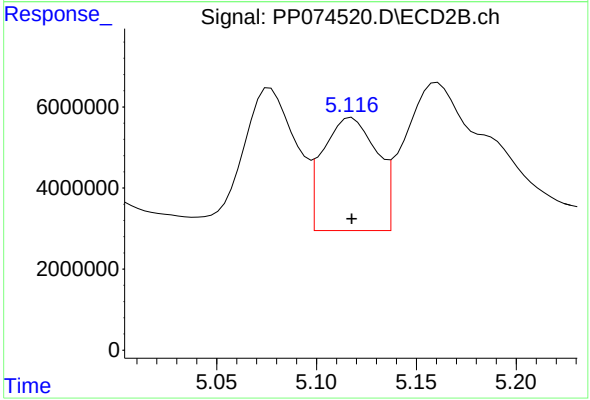
#21 AR-1248-1

R.T.: 4.899 min
Delta R.T.: 0.002 min
Response: 227474604
Conc: 823.76 ng/ml



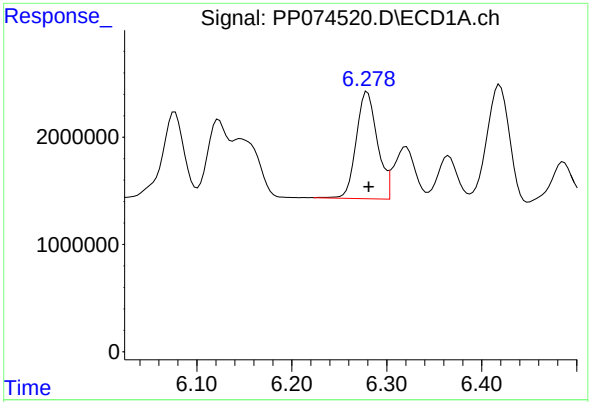
#22 AR-1248-2

R.T.: 6.077 min
Delta R.T.: -0.001 min
Response: 13090392
Conc: 303.75 ng/ml



#22 AR-1248-2

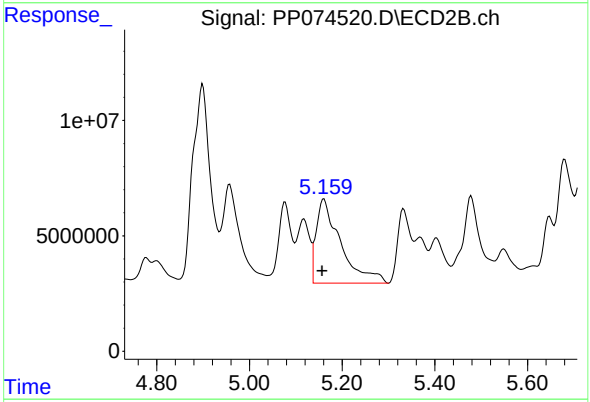
R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 52176731
Conc: 295.19 ng/ml



#23 AR-1248-3

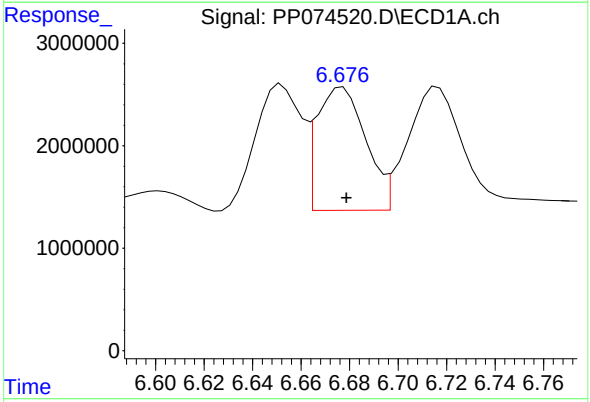
R.T.: 6.280 min
Delta R.T.: -0.001 min
Response: 15414821
Conc: 330.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1242



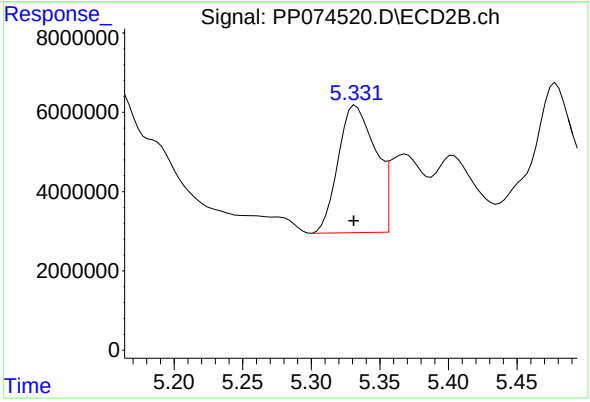
#23 AR-1248-3

R.T.: 5.161 min
Delta R.T.: 0.004 min
Response: 134027668
Conc: 589.90 ng/ml



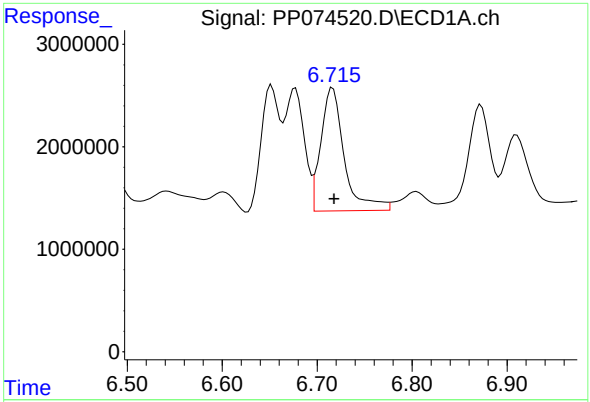
#24 AR-1248-4

R.T.: 6.677 min
Delta R.T.: -0.002 min
Response: 16836929
Conc: 306.12 ng/ml



#24 AR-1248-4

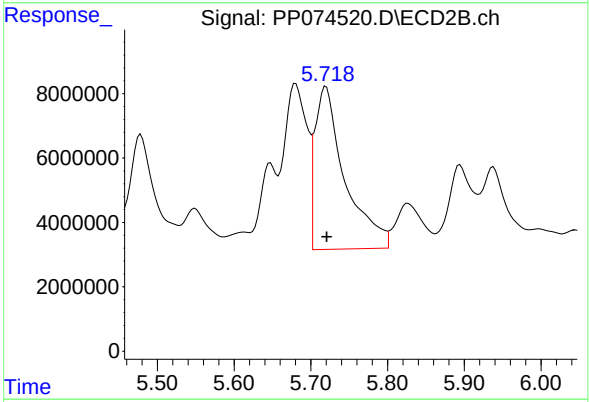
R.T.: 5.332 min
Delta R.T.: 0.002 min
Response: 60722583
Conc: 278.52 ng/ml



#25 AR-1248-5

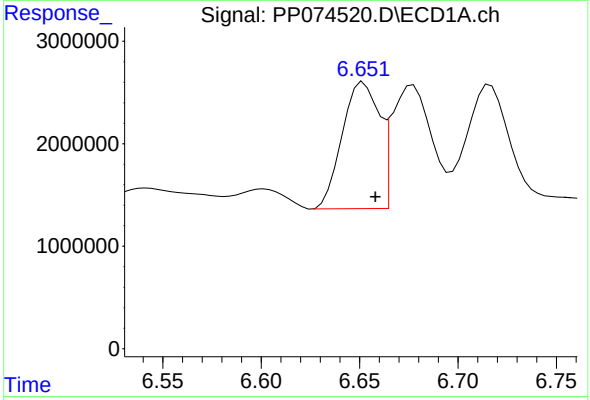
R.T.: 6.716 min
Delta R.T.: -0.002 min
Response: 20582509
Conc: 371.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1242



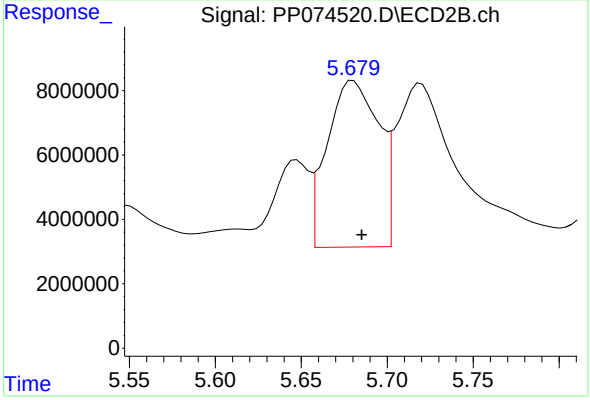
#25 AR-1248-5

R.T.: 5.720 min
Delta R.T.: -0.001 min
Response: 137027425
Conc: 373.04 ng/ml



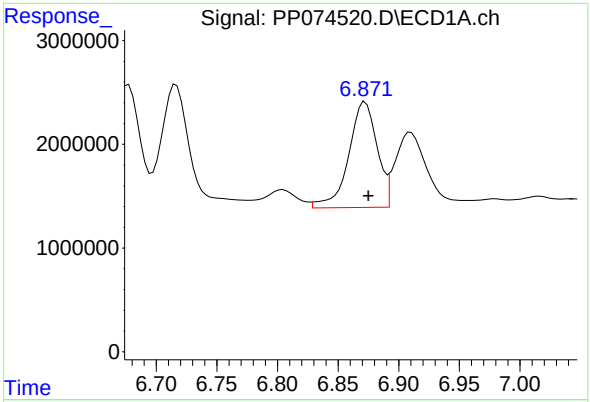
#26 AR-1254-1

R.T.: 6.652 min
Delta R.T.: -0.006 min
Response: 16195631
Conc: 277.94 ng/ml



#26 AR-1254-1

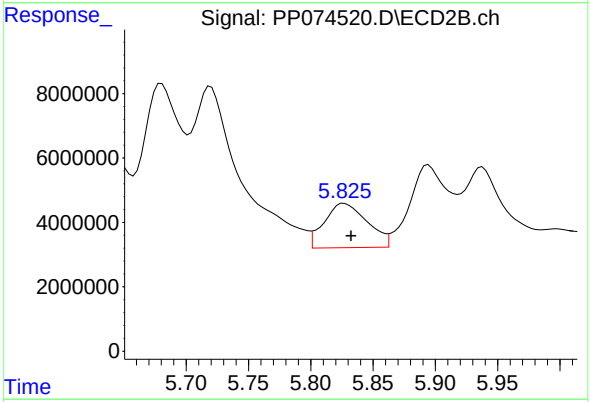
R.T.: 5.680 min
Delta R.T.: -0.005 min
Response: 107623434
Conc: 225.76 ng/ml



#27 AR-1254-2

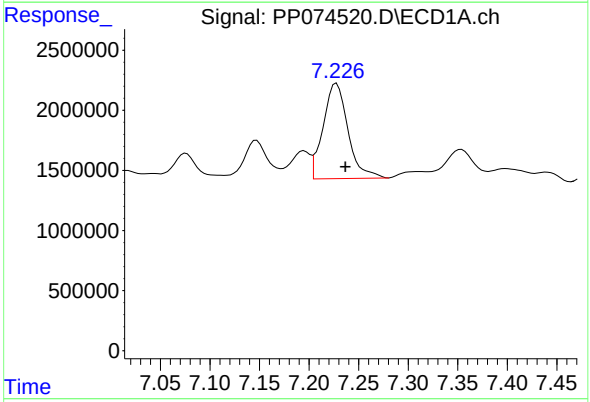
R.T.: 6.872 min
Delta R.T.: -0.003 min
Response: 16590811
Conc: 203.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1242



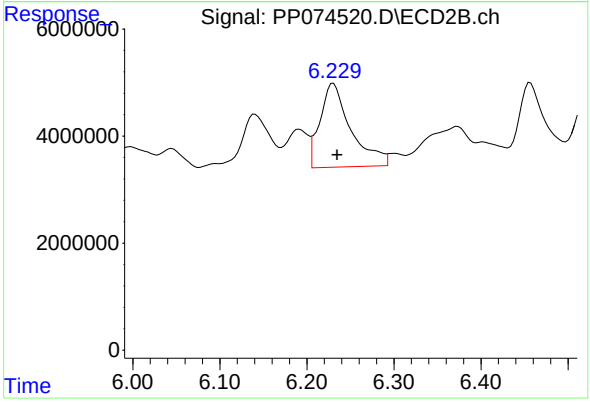
#27 AR-1254-2

R.T.: 5.827 min
Delta R.T.: -0.005 min
Response: 33231865
Conc: 94.37 ng/ml



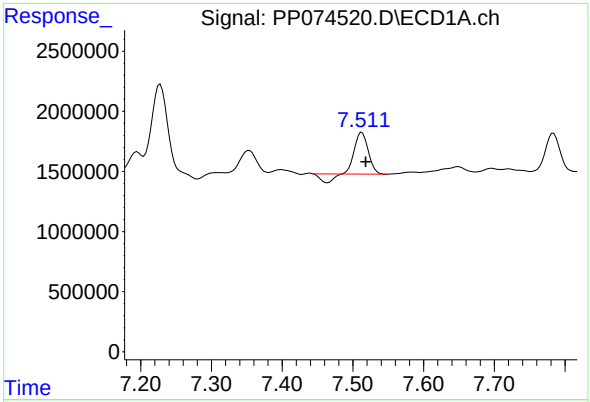
#28 AR-1254-3

R.T.: 7.228 min
Delta R.T.: -0.009 min
Response: 13848897
Conc: 155.25 ng/ml



#28 AR-1254-3

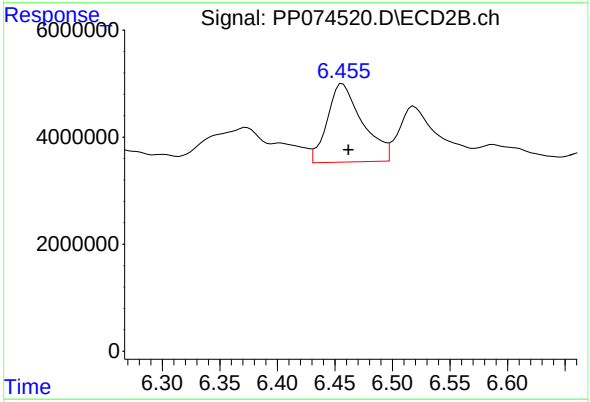
R.T.: 6.230 min
Delta R.T.: -0.004 min
Response: 38727598
Conc: 62.48 ng/ml



#29 AR-1254-4

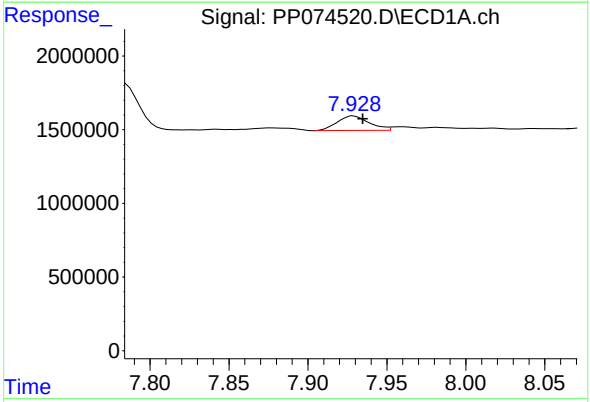
R.T.: 7.513 min
Delta R.T.: -0.005 min
Response: 3963718
Conc: 60.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1242



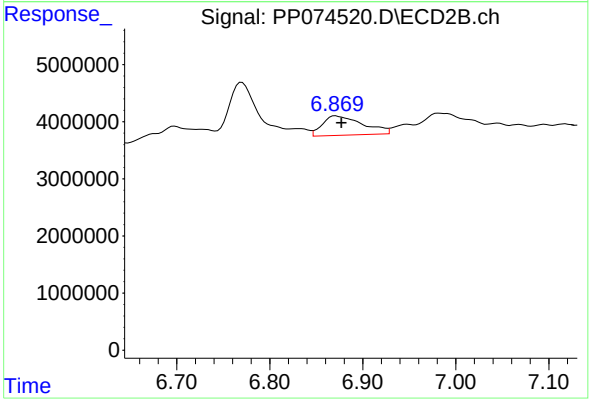
#29 AR-1254-4

R.T.: 6.457 min
Delta R.T.: -0.005 min
Response: 31225763
Conc: 66.63 ng/ml



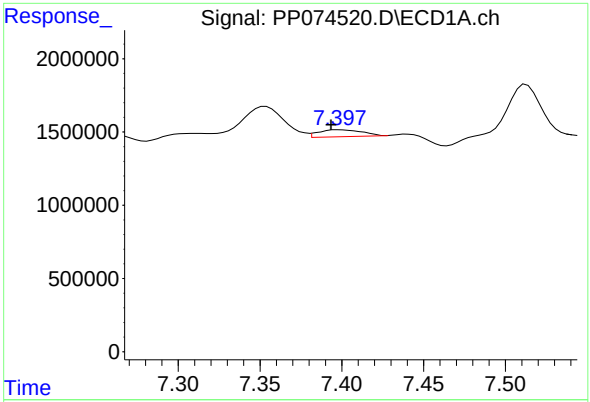
#30 AR-1254-5

R.T.: 7.929 min
Delta R.T.: -0.005 min
Response: 1399533
Conc: 16.84 ng/ml



#30 AR-1254-5

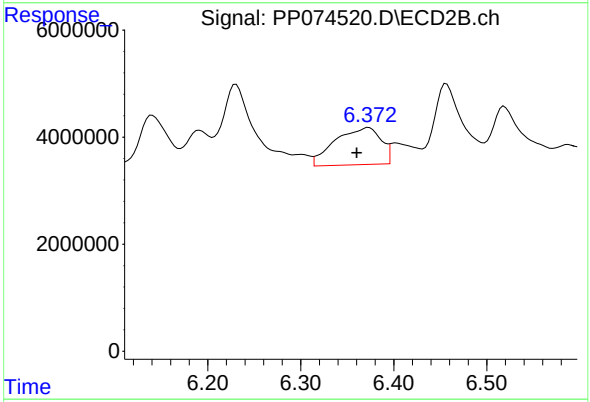
R.T.: 6.871 min
Delta R.T.: -0.006 min
Response: 10303689
Conc: 21.01 ng/ml



#31 AR-1260-1

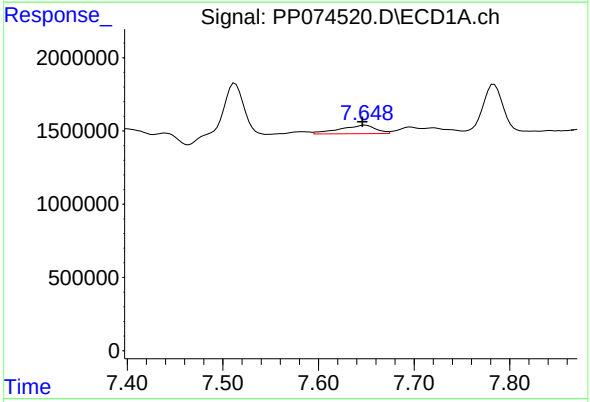
R.T.: 7.399 min
Delta R.T.: 0.005 min
Response: 876411
Conc: 15.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1242



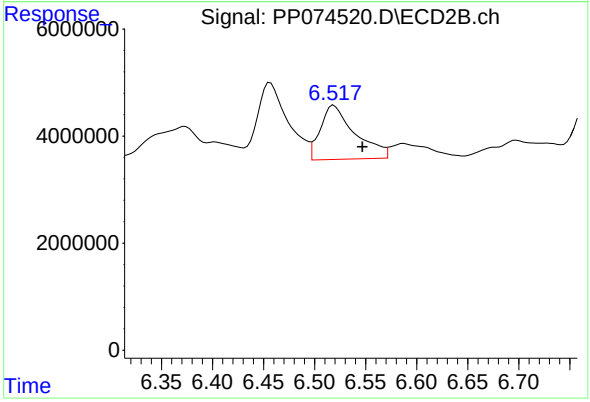
#31 AR-1260-1

R.T.: 6.373 min
Delta R.T.: 0.013 min
Response: 23824604
Conc: 63.49 ng/ml



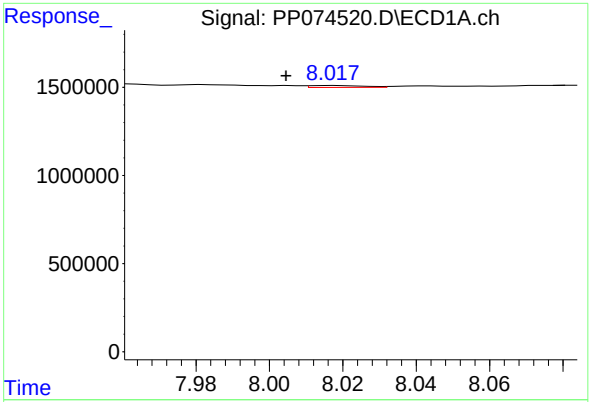
#32 AR-1260-2

R.T.: 7.649 min
Delta R.T.: 0.003 min
Response: 1535117
Conc: 22.27 ng/ml



#32 AR-1260-2

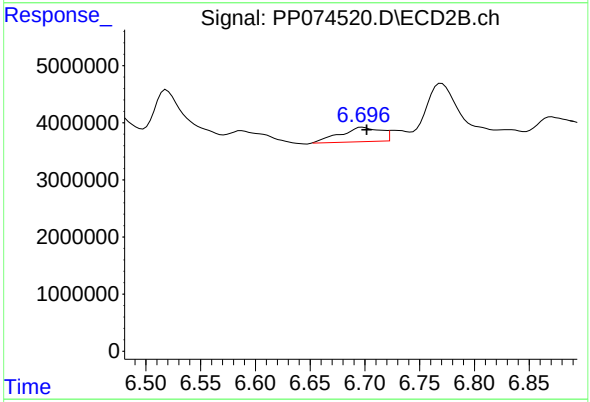
R.T.: 6.519 min
Delta R.T.: -0.028 min
Response: 23918442
Conc: 45.23 ng/ml



#33 AR-1260-3

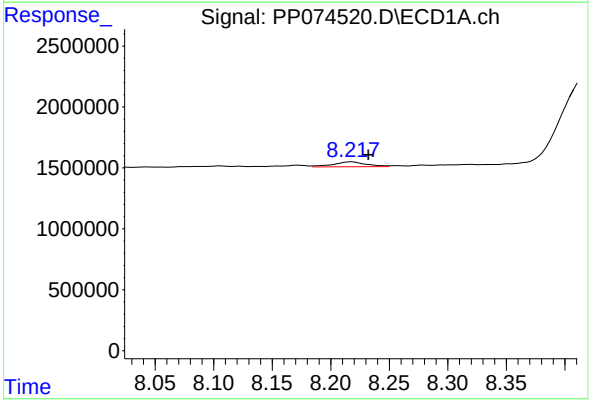
R.T.: 8.018 min
Delta R.T.: 0.013 min
Response: 112109
Conc: 2.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1242



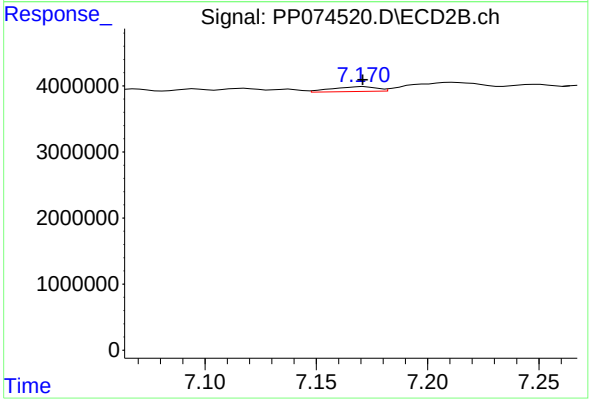
#33 AR-1260-3

R.T.: 6.698 min
Delta R.T.: -0.004 min
Response: 6537732
Conc: 15.10 ng/ml



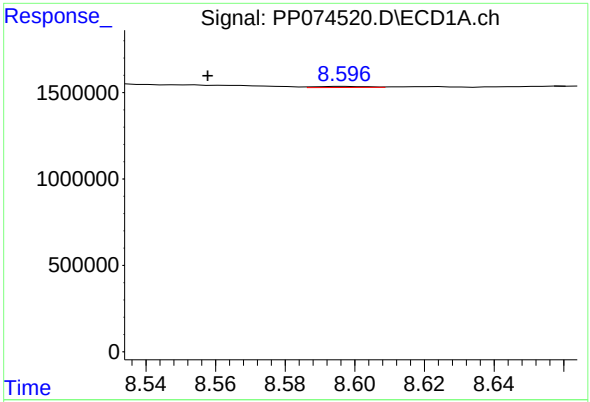
#34 AR-1260-4

R.T.: 8.218 min
Delta R.T.: -0.014 min
Response: 786980
Conc: 12.34 ng/ml



#34 AR-1260-4

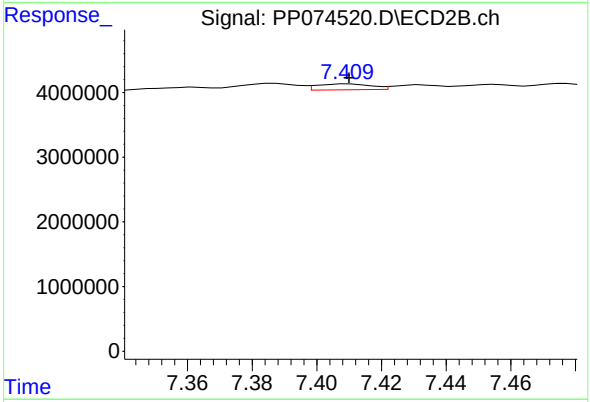
R.T.: 7.171 min
Delta R.T.: 0.000 min
Response: 1028159
Conc: 2.70 ng/ml



#35 AR-1260-5

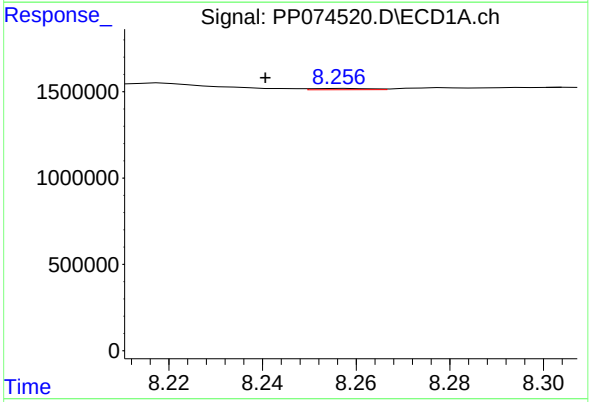
R.T.: 8.597 min
Delta R.T.: 0.039 min
Response: 65071
Conc: 0.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1242



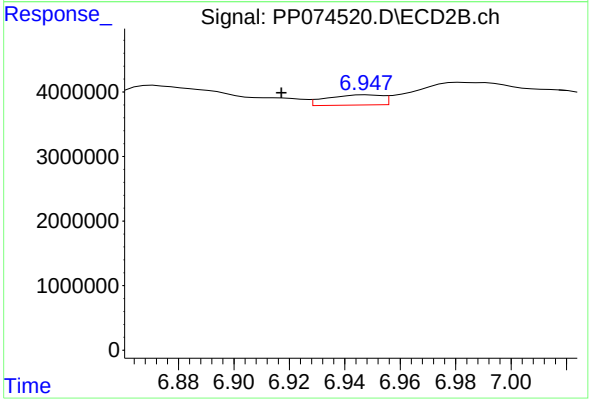
#35 AR-1260-5

R.T.: 7.410 min
Delta R.T.: 0.000 min
Response: 1074464
Conc: 1.07 ng/ml



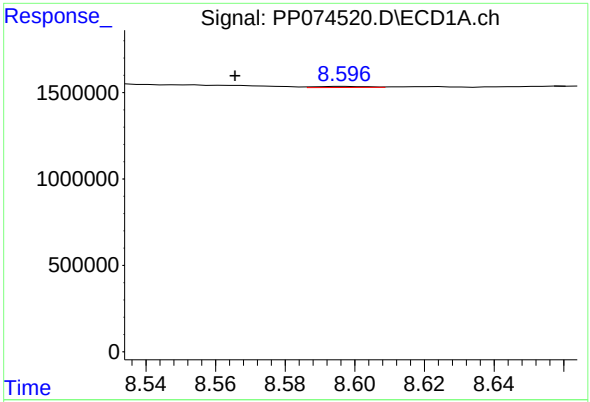
#36 AR-1262-1

R.T.: 8.257 min
Delta R.T.: 0.016 min
Response: 62346
Conc: 0.81 ng/ml



#36 AR-1262-1

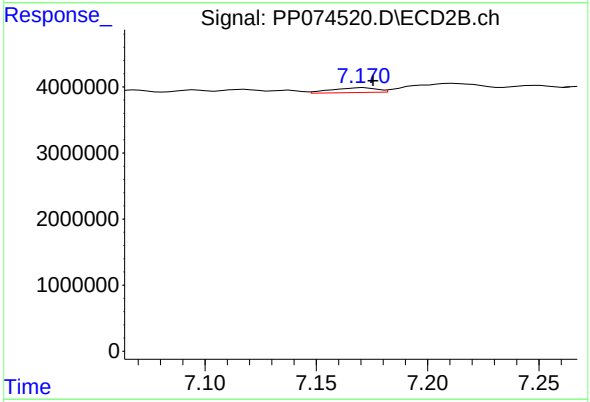
R.T.: 6.948 min
Delta R.T.: 0.031 min
Response: 2191081
Conc: 3.10 ng/ml



#37 AR-1262-2

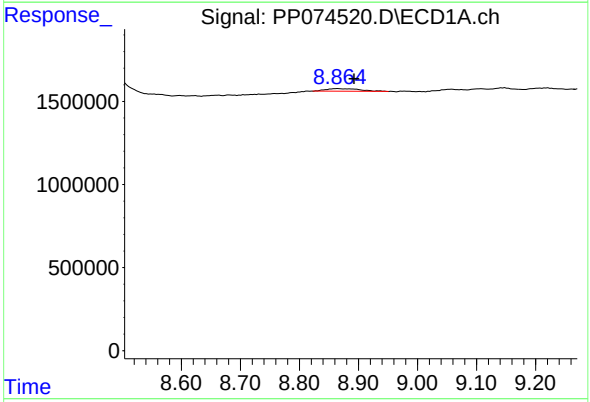
R.T.: 8.597 min
Delta R.T.: 0.032 min
Response: 65071
Conc: 0.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1242



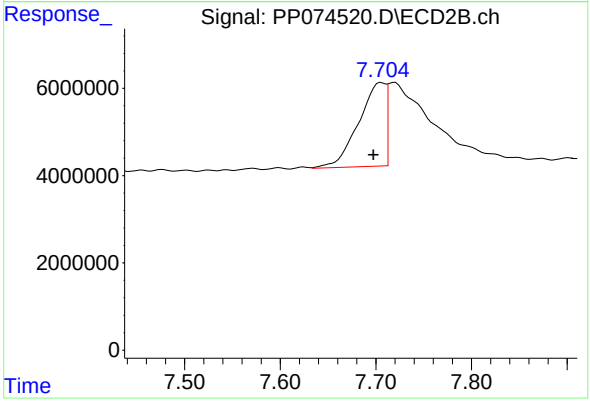
#37 AR-1262-2

R.T.: 7.171 min
Delta R.T.: -0.004 min
Response: 1028159
Conc: 1.97 ng/ml



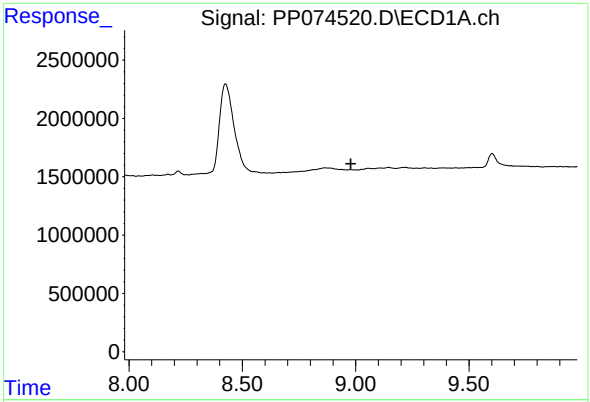
#38 AR-1262-3

R.T.: 8.865 min
Delta R.T.: -0.028 min
Response: 647020
Conc: 6.66 ng/ml



#38 AR-1262-3

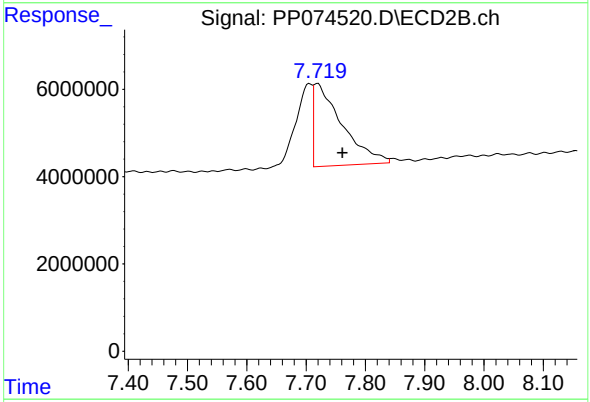
R.T.: 7.706 min
Delta R.T.: 0.008 min
Response: 37319381
Conc: 80.03 ng/ml



#39 AR-1262-4

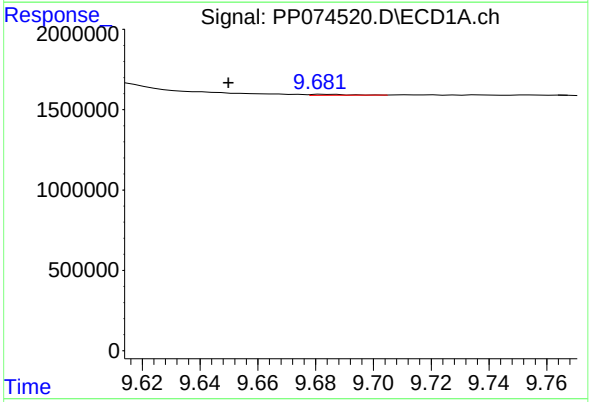
R.T.: 0.000 min
Exp R.T. : 8.979 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1242



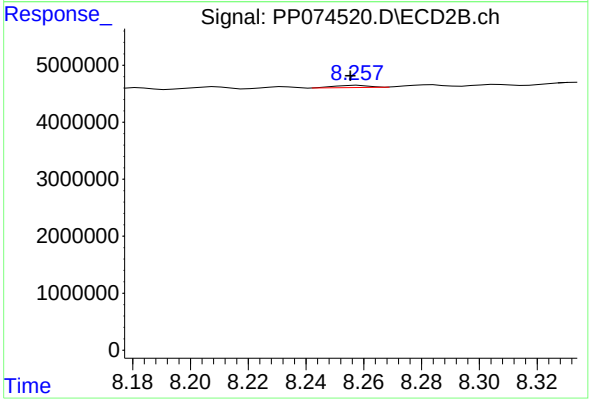
#39 AR-1262-4

R.T.: 7.720 min
Delta R.T.: -0.041 min
Response: 63417543
Conc: 77.16 ng/ml



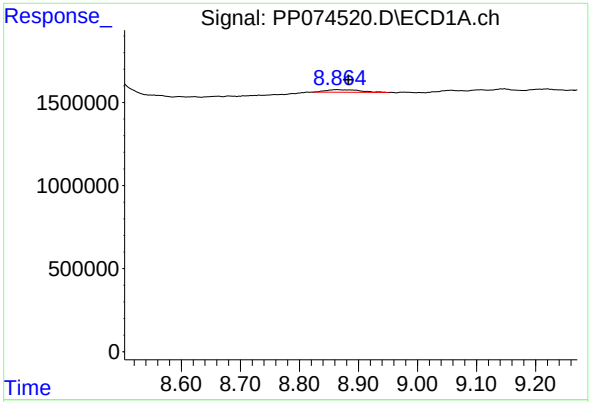
#40 AR-1262-5

R.T.: 9.683 min
Delta R.T.: 0.033 min
Response: 48492
Conc: 0.80 ng/ml



#40 AR-1262-5

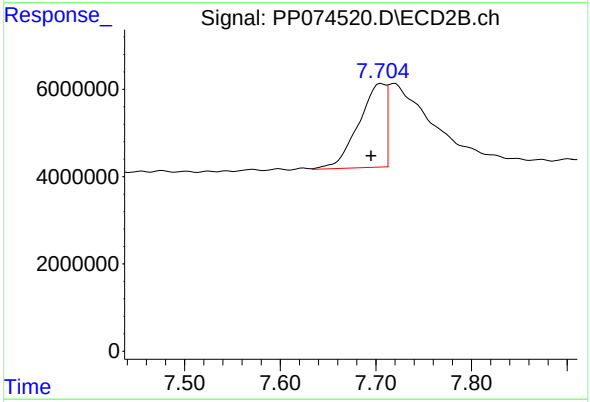
R.T.: 8.258 min
Delta R.T.: 0.003 min
Response: 333747
Conc: 0.93 ng/ml



#41 AR-1268-1

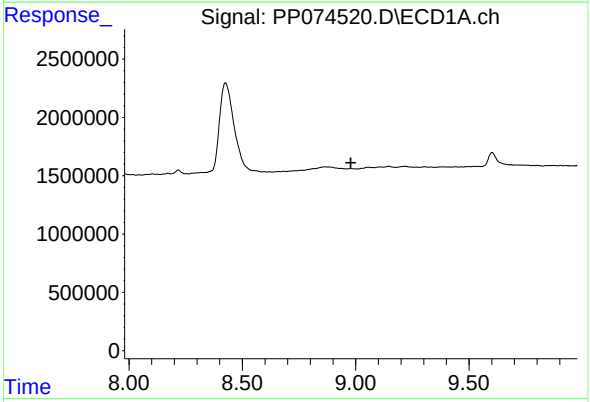
R.T.: 8.865 min
Delta R.T.: -0.018 min
Response: 647020
Conc: 3.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1242



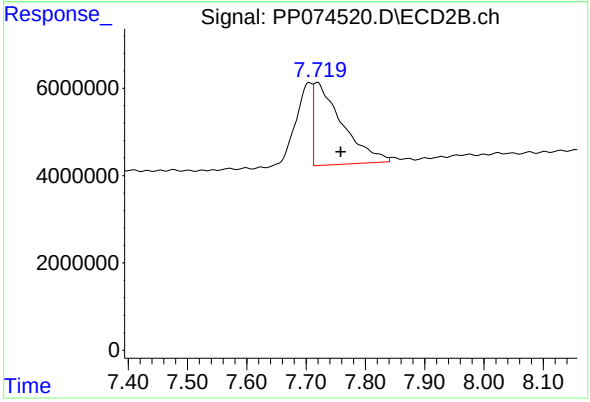
#41 AR-1268-1

R.T.: 7.706 min
Delta R.T.: 0.011 min
Response: 37319381
Conc: 26.46 ng/ml



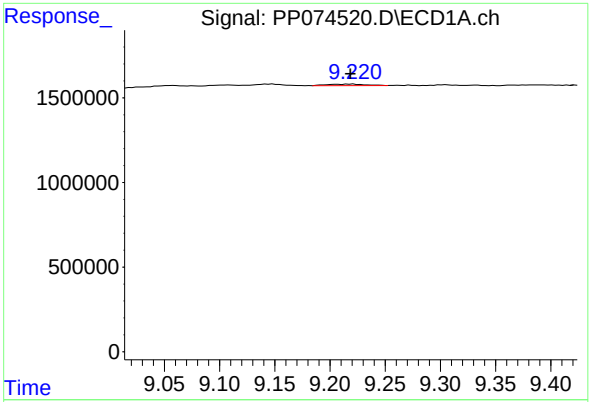
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.978 min
Response: 0
Conc: N.D.



#42 AR-1268-2

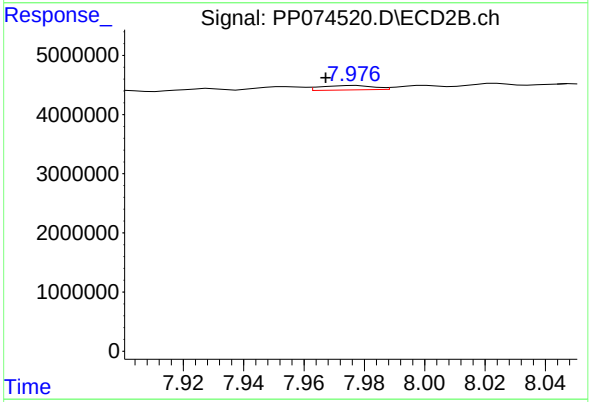
R.T.: 7.720 min
Delta R.T.: -0.038 min
Response: 63417543
Conc: 46.51 ng/ml



#43 AR-1268-3

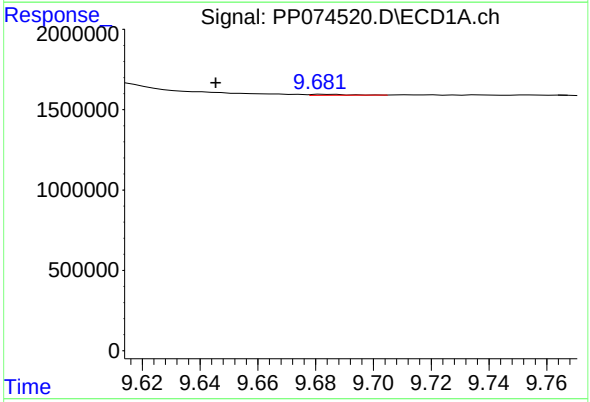
R.T.: 9.207 min
Delta R.T.: -0.011 min
Response: 222660
Conc: 1.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1242



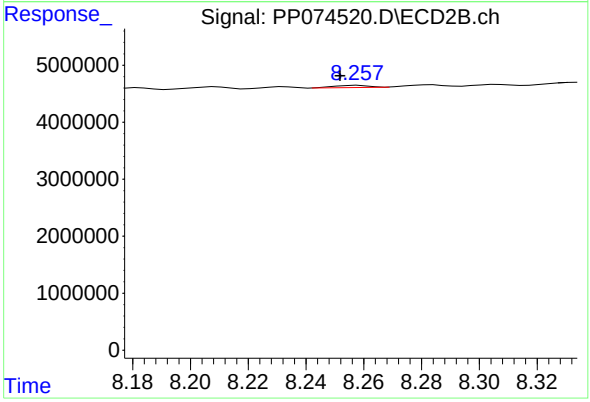
#43 AR-1268-3

R.T.: 7.977 min
Delta R.T.: 0.010 min
Response: 915286
Conc: 0.88 ng/ml



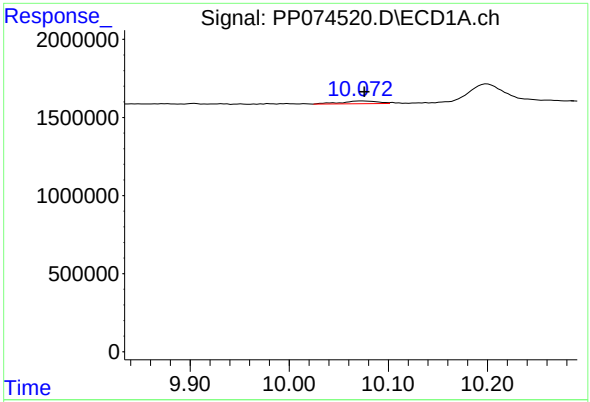
#44 AR-1268-4

R.T.: 9.683 min
Delta R.T.: 0.038 min
Response: 48492
Conc: 0.72 ng/ml



#44 AR-1268-4

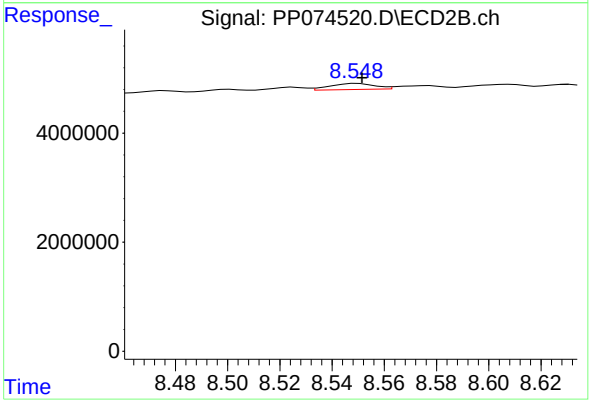
R.T.: 8.258 min
Delta R.T.: 0.006 min
Response: 333747
Conc: 0.87 ng/ml



#45 AR-1268-5

R.T.: 10.073 min
Delta R.T.: -0.003 min
Response: 428631
Conc: 1.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1242



#45 AR-1268-5

R.T.: 8.550 min
Delta R.T.: -0.002 min
Response: 1330808
Conc: 0.42 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074521.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 19:29
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:24:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.652	3.800	59071103	245.5E6	48.273	50.777	
2)	SA Decachlor...	10.426	8.814	53112171	392.5E6	53.784	52.342	
	Target Compounds							
3)	L1 AR-1016-1	5.803	4.899	15042012	140.4E6	341.175	275.550	
4)	L1 AR-1016-2	5.825	4.956	17746992	52588032	282.408	220.944	
5)	L1 AR-1016-3	5.888	5.078	10066156	36566881	224.121	265.163	
6)	L1 AR-1016-4	5.984	5.118	10769032	94490320	306.097	675.881	#
7)	L1 AR-1016-5	6.277	5.332	23315343	110.6E6	702.564	665.972	
8)	L2 AR-1221-1	4.846	4.006	216898	747816	12.329	12.087	
9)	L2 AR-1221-2	4.954	4.096	1214218	3909444	90.904	86.469	
10)	L2 AR-1221-3	5.013	4.173	1279256	4993605	33.742	30.394	
11)	L3 AR-1232-1	5.013	4.173	1279256	4993605	42.117	38.983	
12)	L3 AR-1232-2	5.539	4.899	6687296	140.4E6	424.369	605.507	#
13)	L3 AR-1232-3	5.825	5.078	17746992	36566881	581.036	608.842	
14)	L3 AR-1232-4	5.984	5.161	10769032	161.6E6	623.595	2192.991	#
15)	L3 AR-1232-5	6.074	5.332	21382962	110.6E6	1647.256	1781.574	
16)	L4 AR-1242-1	5.803	4.899	15042012	140.4E6	392.996	332.784	
17)	L4 AR-1242-2	5.825	4.956	17746992	52588032	314.206	262.569	
18)	L4 AR-1242-3	5.888	5.078	10066156	36566881	247.917	309.108	
19)	L4 AR-1242-4	5.984	5.161	10769032	161.6E6	339.269	944.380	#
20)	L4 AR-1242-5	6.714	5.681	26936491	186.4E6	746.771	1006.617	#
21)	L5 AR-1248-1	5.803	4.899	15042012	140.4E6	497.684	508.260	
22)	L5 AR-1248-2	6.074	5.118	21382962	94490320	496.170	534.582	
23)	L5 AR-1248-3	6.277	5.161	23315343	161.6E6	499.219	711.431	#
24)	L5 AR-1248-4	6.675	5.332	26915269	110.6E6	489.361	507.322	
25)	L5 AR-1248-5	6.714	5.722	26936491	191.5E6	485.601	521.315	
26)	L6 AR-1254-1	6.650	5.681	20442764	186.4E6	350.832	390.991	
27)	L6 AR-1254-2	6.870	5.829	26686373	57988154	326.975	164.677	#
28)	L6 AR-1254-3	7.229	6.231	16004914	86391291	179.414	139.385	
29)	L6 AR-1254-4	7.510	6.457	11092455	66443525	168.288	141.784	
30)	L6 AR-1254-5	7.926	6.873	3448917	14778189	41.511	30.129	#
31)	L7 AR-1260-1	7.396	6.372	1752654	36681561	30.318	97.759	#
32)	L7 AR-1260-2	7.644	6.547	2664185	8615864	38.658	16.293	#
33)	L7 AR-1260-3	7.991	6.698	570343	7559229	10.992	17.458	#
34)	L7 AR-1260-4	8.215	7.165	1398266	439289	21.919	1.152	#
35)	L7 AR-1260-5	8.556	7.409	601058	2988177	5.300	2.975	#
36)	L8 AR-1262-1	8.215	6.938	1398266	1407859	18.156	1.991	#
37)	L8 AR-1262-2	8.556	7.165	601058	439289	4.540	0.844	#
38)	L8 AR-1262-3	8.888	7.697	667952	1593207	6.871	3.417	#
39)	L8 AR-1262-4	0.000	7.756	0	4110283	N.D.	5.001	#
40)	L8 AR-1262-5	9.674	8.254	98092	713137	1.609	1.990	
41)	L9 AR-1268-1	8.888	7.697	667952	1593207	4.122	1.130	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074521.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 19:29
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:24:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.756	0	4110283	N.D.	3.015 #
43) L9	AR-1268-3	9.216	7.956	213416	942917	1.727	0.904 #
44) L9	AR-1268-4	9.674	8.254	98092	713137	1.458	1.862 #
45) L9	AR-1268-5	10.067	8.558	437264	781232	1.181	0.249 #

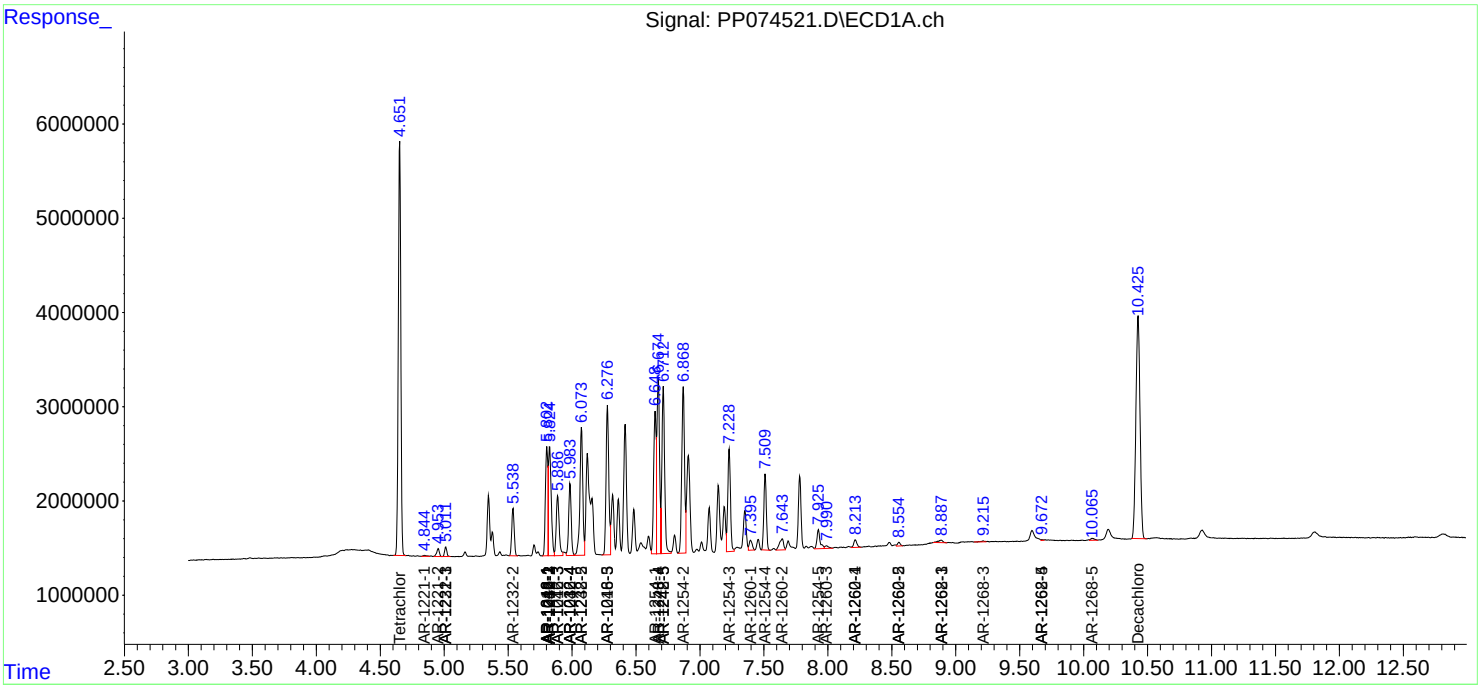
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

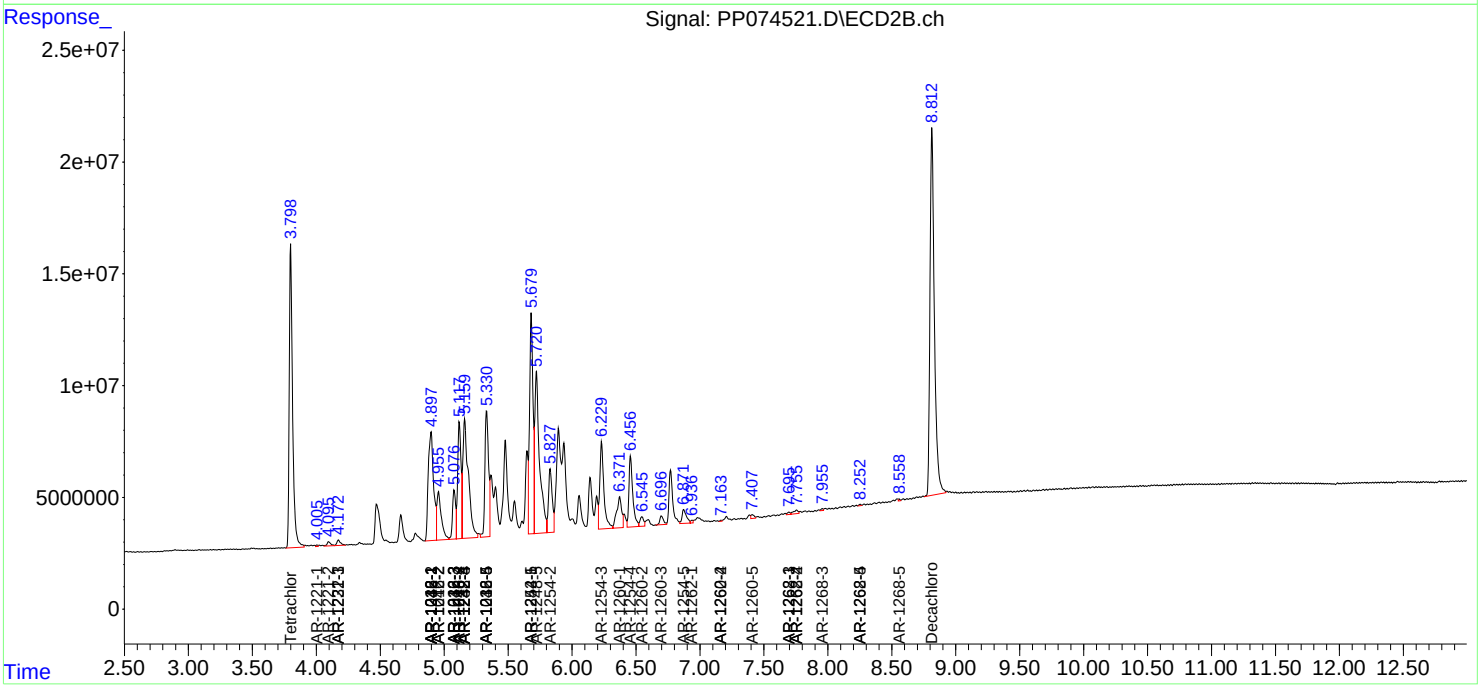
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074521.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 19:29
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

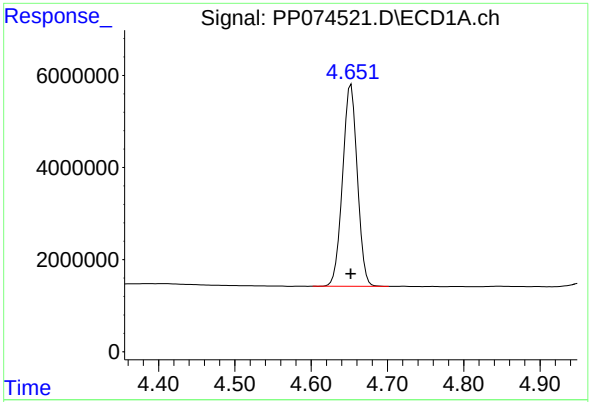
Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:24:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



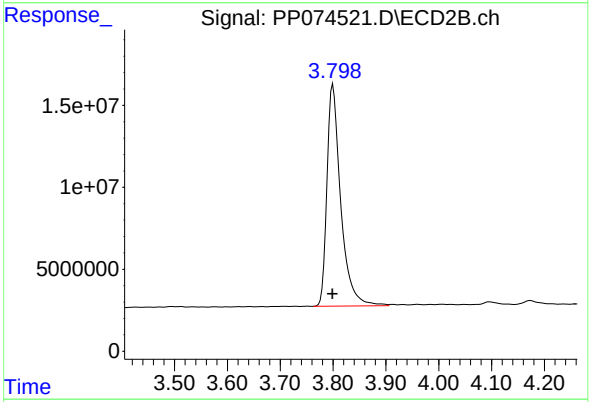




#1 Tetrachloro-m-xylene

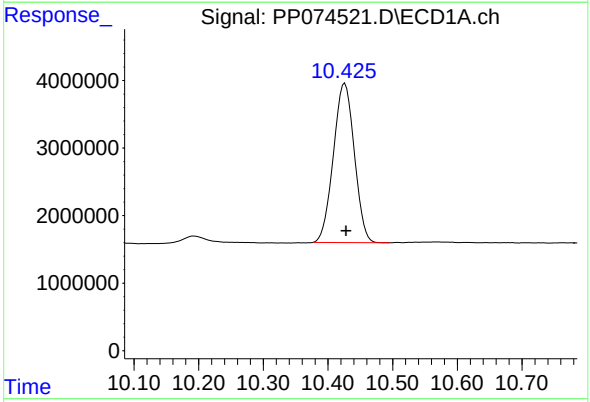
R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 59071103
Conc: 48.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1248



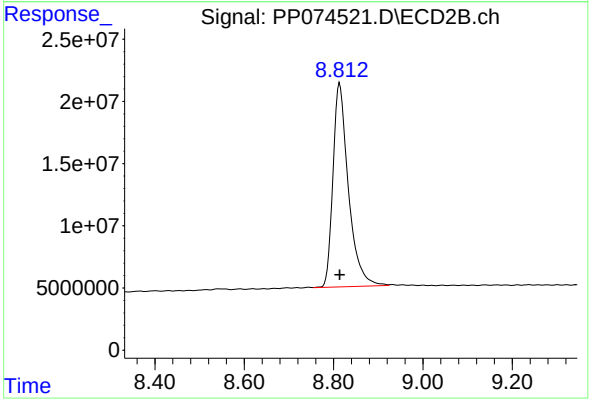
#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 245528806
Conc: 50.78 ng/ml



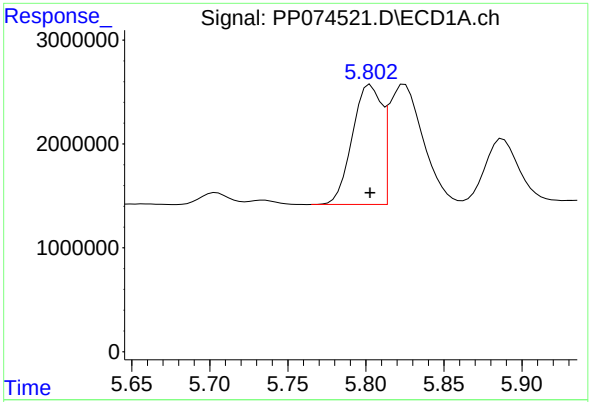
#2 Decachlorobiphenyl

R.T.: 10.426 min
Delta R.T.: -0.002 min
Response: 53112171
Conc: 53.78 ng/ml



#2 Decachlorobiphenyl

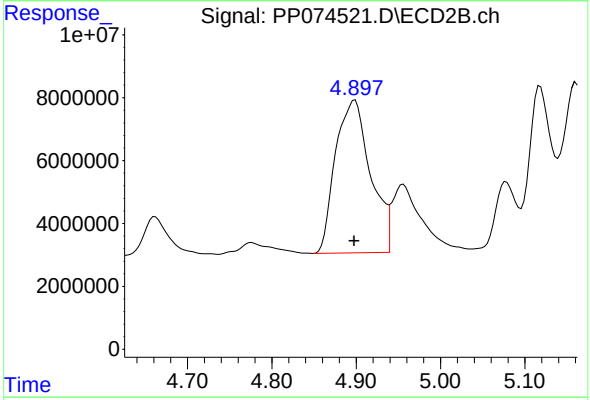
R.T.: 8.814 min
Delta R.T.: 0.000 min
Response: 392519727
Conc: 52.34 ng/ml



#3 AR-1016-1

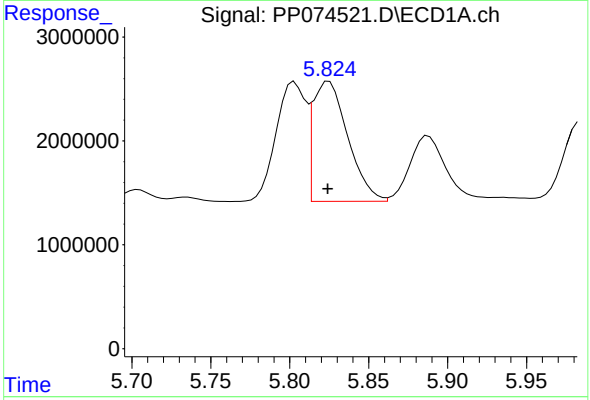
R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 15042012
Conc: 341.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1248



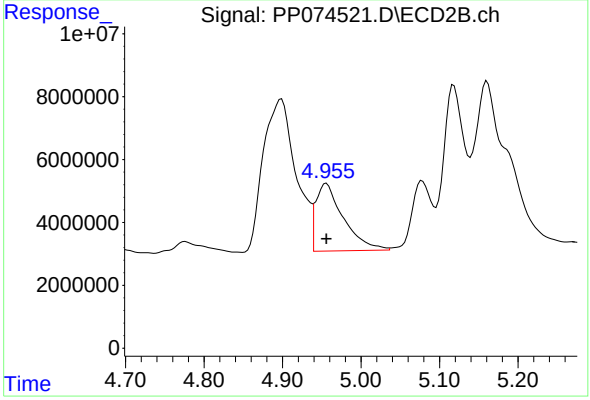
#3 AR-1016-1

R.T.: 4.899 min
Delta R.T.: 0.001 min
Response: 140352493
Conc: 275.55 ng/ml



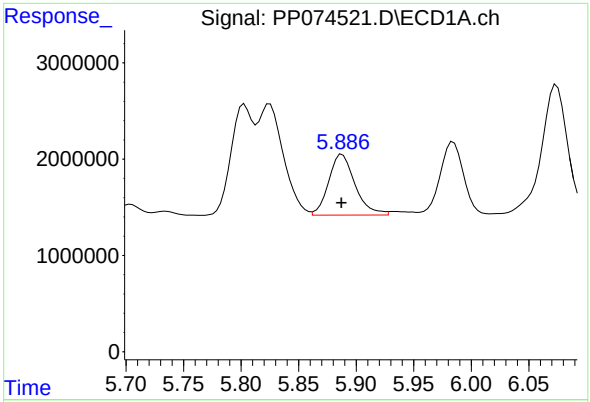
#4 AR-1016-2

R.T.: 5.825 min
Delta R.T.: 0.000 min
Response: 17746992
Conc: 282.41 ng/ml



#4 AR-1016-2

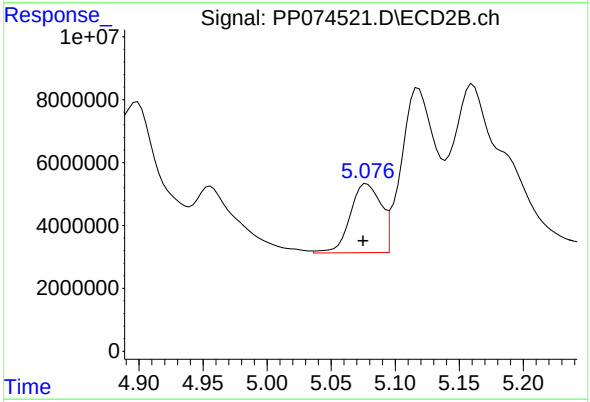
R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 52588032
Conc: 220.94 ng/ml



#5 AR-1016-3

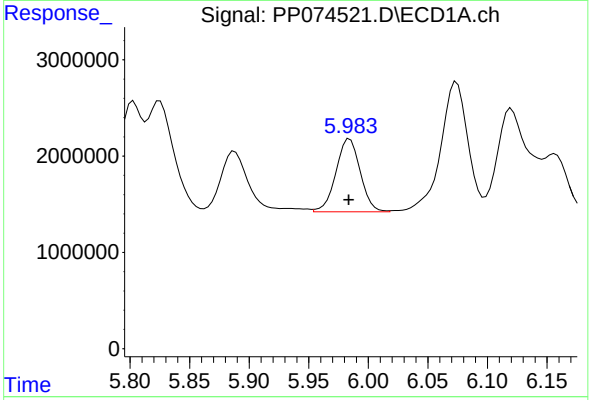
R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 10066156
Conc: 224.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1248



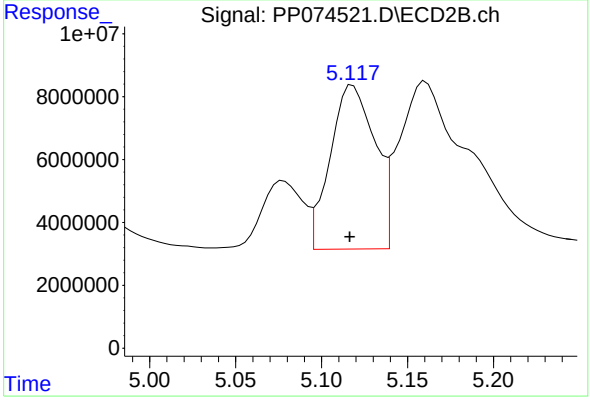
#5 AR-1016-3

R.T.: 5.078 min
Delta R.T.: 0.003 min
Response: 36566881
Conc: 265.16 ng/ml



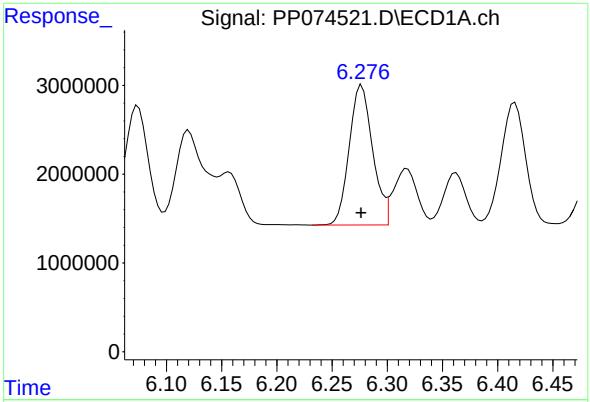
#6 AR-1016-4

R.T.: 5.984 min
Delta R.T.: 0.000 min
Response: 10769032
Conc: 306.10 ng/ml



#6 AR-1016-4

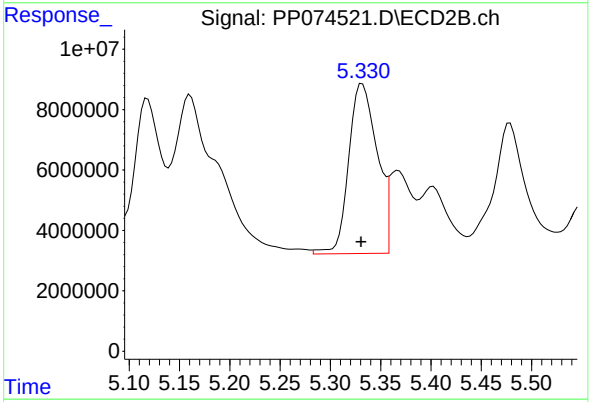
R.T.: 5.118 min
Delta R.T.: 0.002 min
Response: 94490320
Conc: 675.88 ng/ml



#7 AR-1016-5

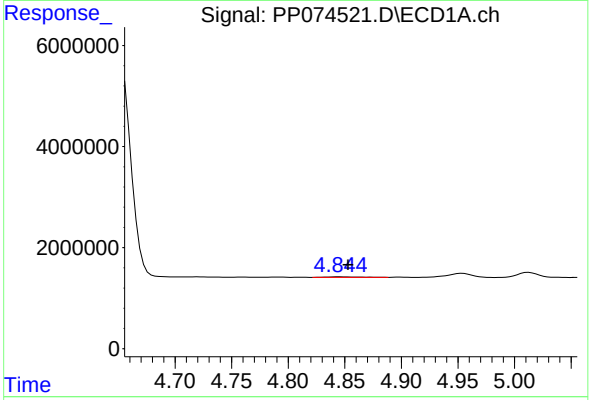
R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 23315343
Conc: 702.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1248



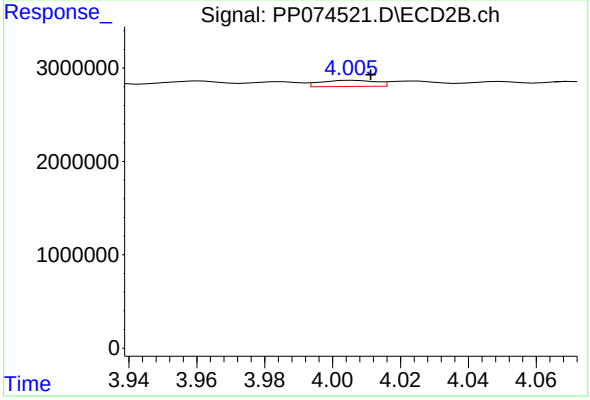
#7 AR-1016-5

R.T.: 5.332 min
Delta R.T.: 0.001 min
Response: 110606875
Conc: 665.97 ng/ml



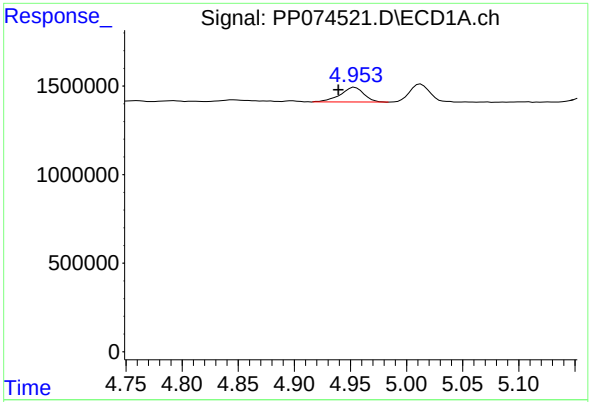
#8 AR-1221-1

R.T.: 4.846 min
Delta R.T.: -0.007 min
Response: 216898
Conc: 12.33 ng/ml



#8 AR-1221-1

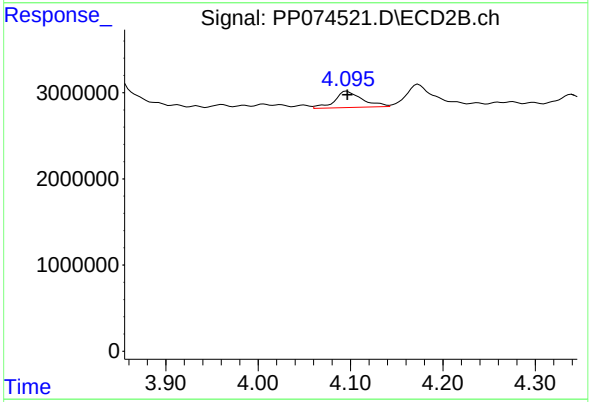
R.T.: 4.006 min
Delta R.T.: -0.005 min
Response: 747816
Conc: 12.09 ng/ml



#9 AR-1221-2

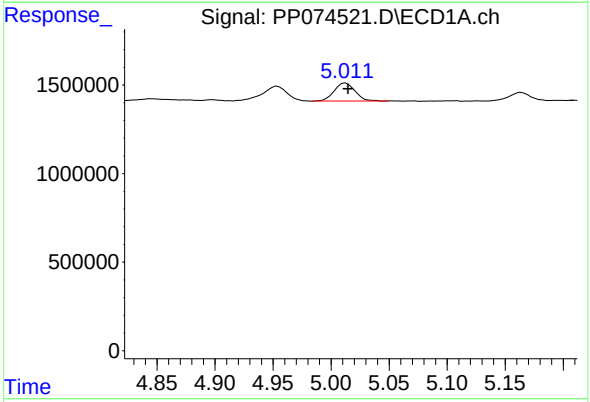
R.T.: 4.954 min
Delta R.T.: 0.015 min
Response: 1214218
Conc: 90.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1248



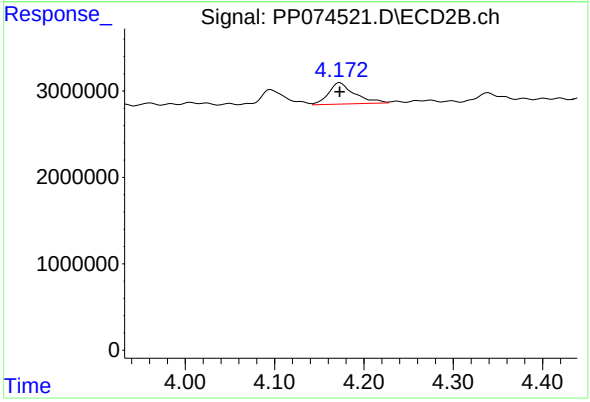
#9 AR-1221-2

R.T.: 4.096 min
Delta R.T.: 0.000 min
Response: 3909444
Conc: 86.47 ng/ml



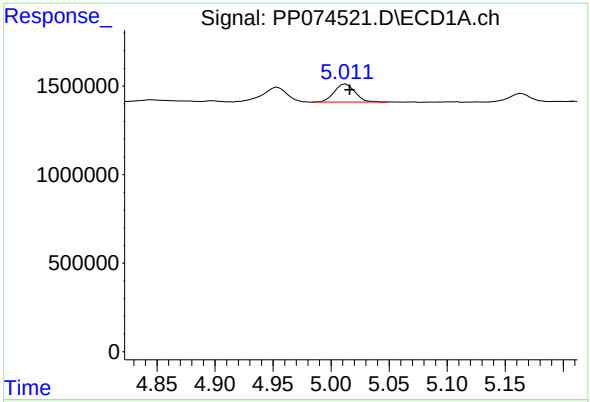
#10 AR-1221-3

R.T.: 5.013 min
Delta R.T.: -0.002 min
Response: 1279256
Conc: 33.74 ng/ml



#10 AR-1221-3

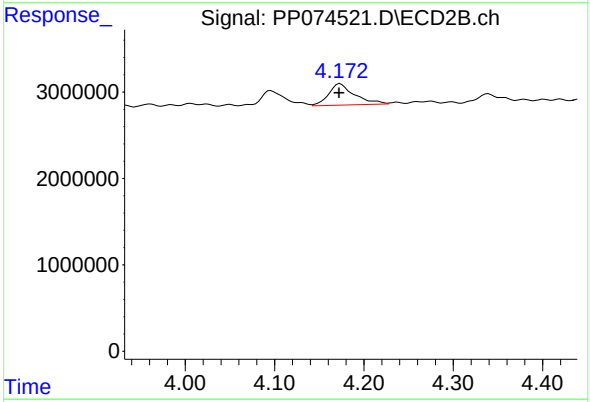
R.T.: 4.173 min
Delta R.T.: 0.000 min
Response: 4993605
Conc: 30.39 ng/ml



#11 AR-1232-1

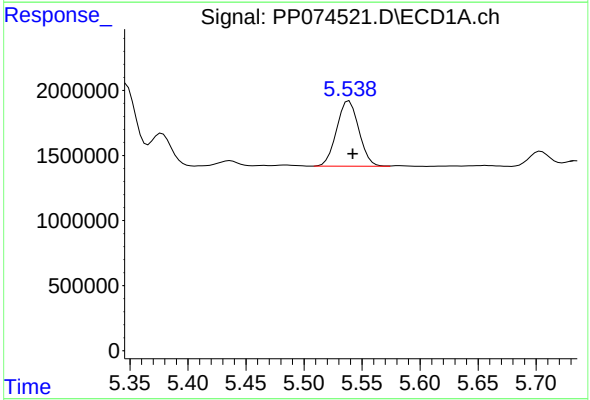
R.T.: 5.013 min
Delta R.T.: -0.003 min
Response: 1279256
Conc: 42.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1248



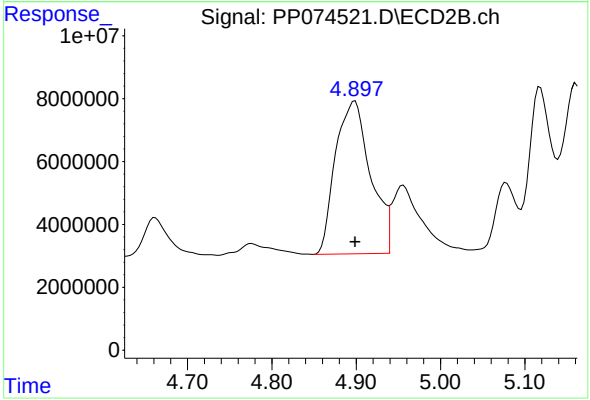
#11 AR-1232-1

R.T.: 4.173 min
Delta R.T.: 0.001 min
Response: 4993605
Conc: 38.98 ng/ml



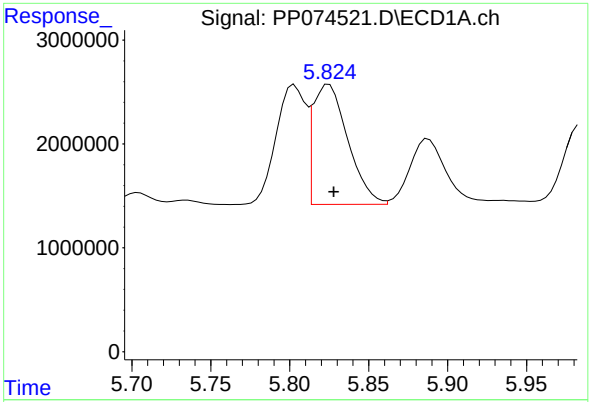
#12 AR-1232-2

R.T.: 5.539 min
Delta R.T.: -0.003 min
Response: 6687296
Conc: 424.37 ng/ml



#12 AR-1232-2

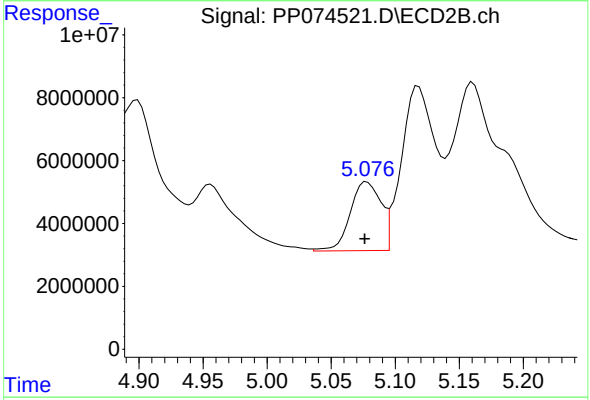
R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 140352493
Conc: 605.51 ng/ml



#13 AR-1232-3

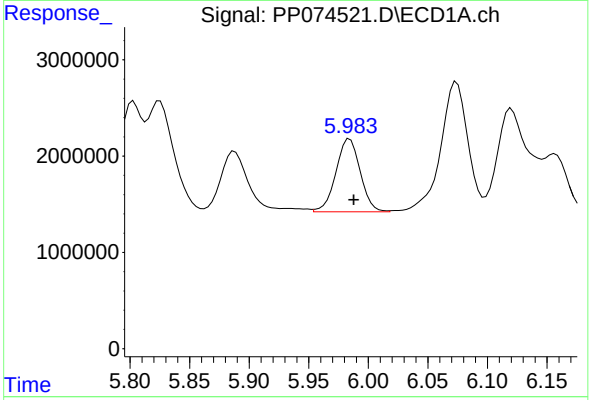
R.T.: 5.825 min
Delta R.T.: -0.003 min
Response: 17746992
Conc: 581.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1248



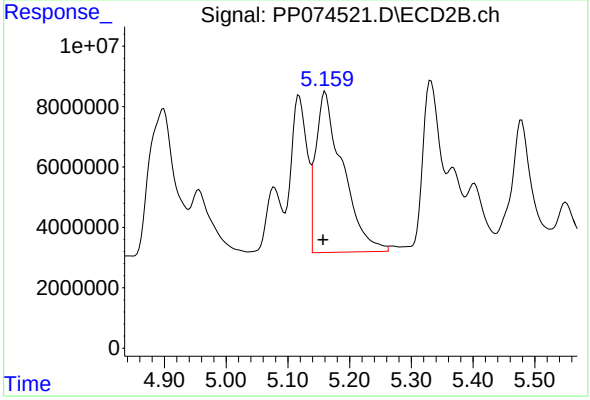
#13 AR-1232-3

R.T.: 5.078 min
Delta R.T.: 0.002 min
Response: 36566881
Conc: 608.84 ng/ml



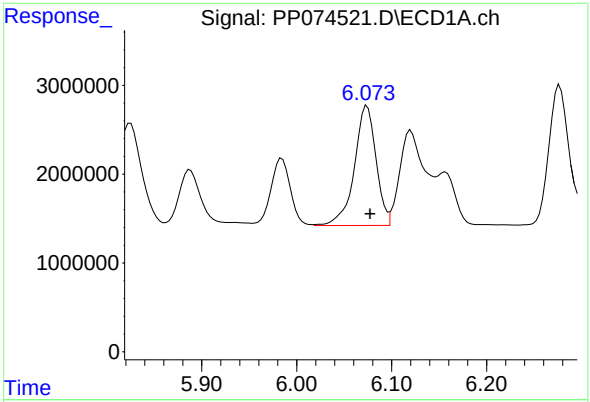
#14 AR-1232-4

R.T.: 5.984 min
Delta R.T.: -0.003 min
Response: 10769032
Conc: 623.60 ng/ml



#14 AR-1232-4

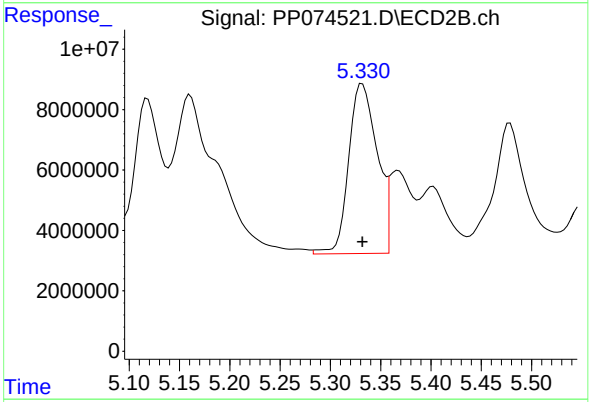
R.T.: 5.161 min
Delta R.T.: 0.003 min
Response: 161639634
Conc: 2192.99 ng/ml



#15 AR-1232-5

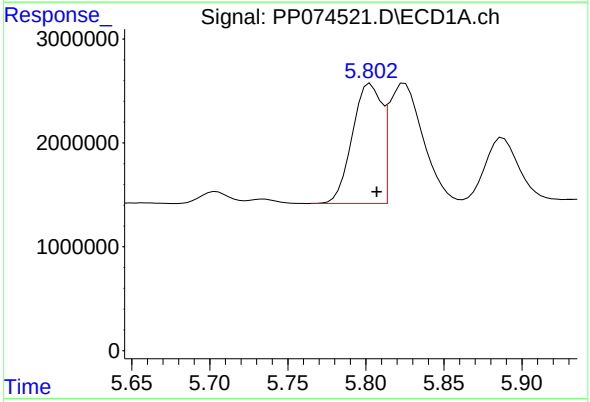
R.T.: 6.074 min
Delta R.T.: -0.003 min
Response: 21382962
Conc: 1647.26 ng/m

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1248



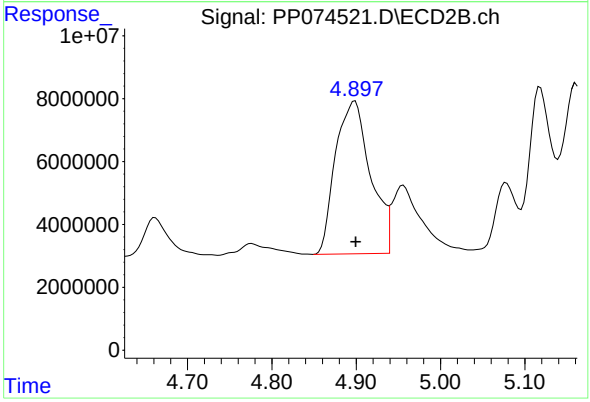
#15 AR-1232-5

R.T.: 5.332 min
Delta R.T.: 0.000 min
Response: 110606875
Conc: 1781.57 ng/ml



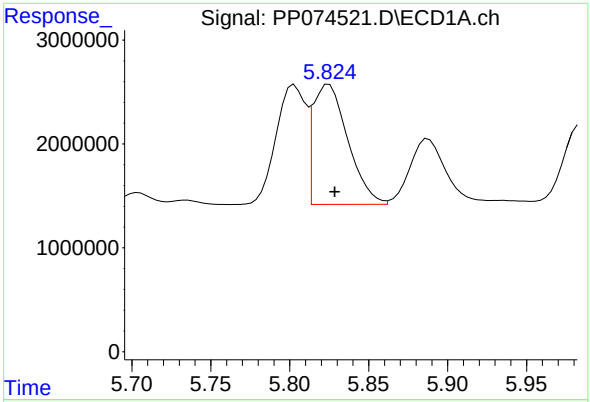
#16 AR-1242-1

R.T.: 5.803 min
Delta R.T.: -0.004 min
Response: 15042012
Conc: 393.00 ng/ml



#16 AR-1242-1

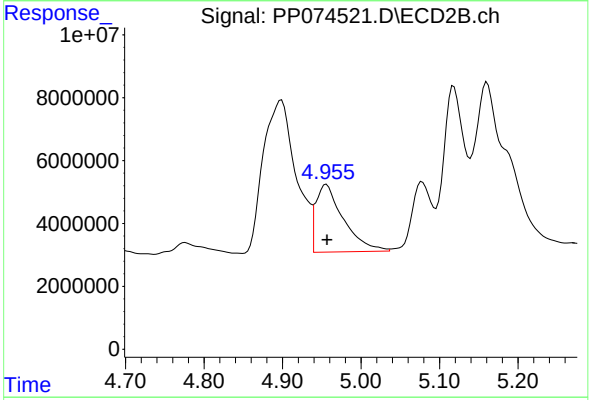
R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 140352493
Conc: 332.78 ng/ml



#17 AR-1242-2

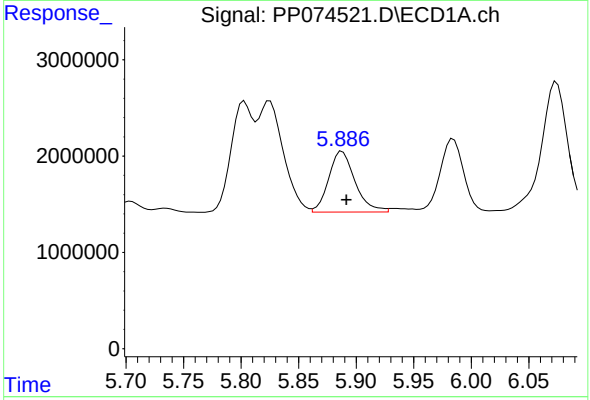
R.T.: 5.825 min
Delta R.T.: -0.003 min
Response: 17746992
Conc: 314.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1248



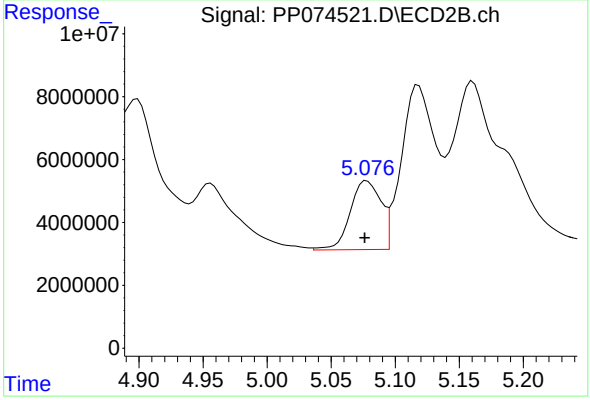
#17 AR-1242-2

R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 52588032
Conc: 262.57 ng/ml



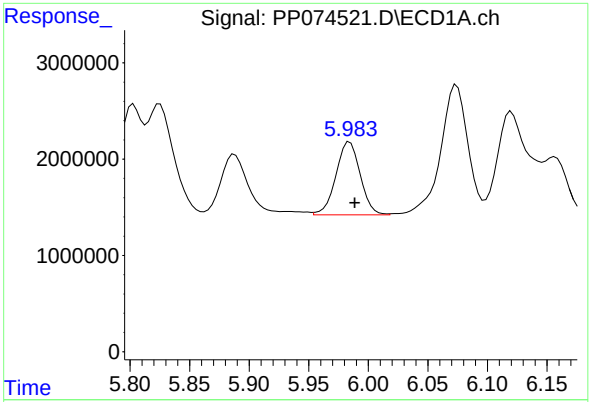
#18 AR-1242-3

R.T.: 5.888 min
Delta R.T.: -0.004 min
Response: 10066156
Conc: 247.92 ng/ml



#18 AR-1242-3

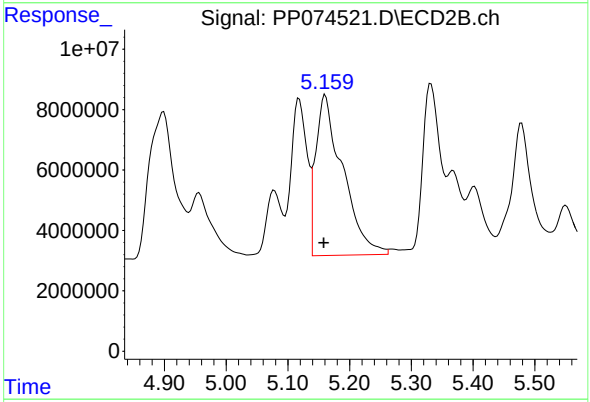
R.T.: 5.078 min
Delta R.T.: 0.002 min
Response: 36566881
Conc: 309.11 ng/ml



#19 AR-1242-4

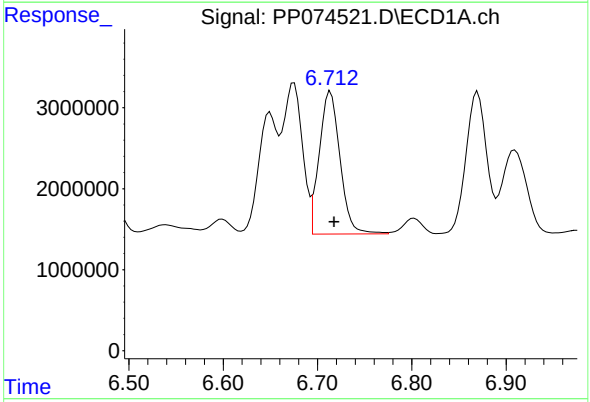
R.T.: 5.984 min
Delta R.T.: -0.004 min
Response: 10769032
Conc: 339.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1248



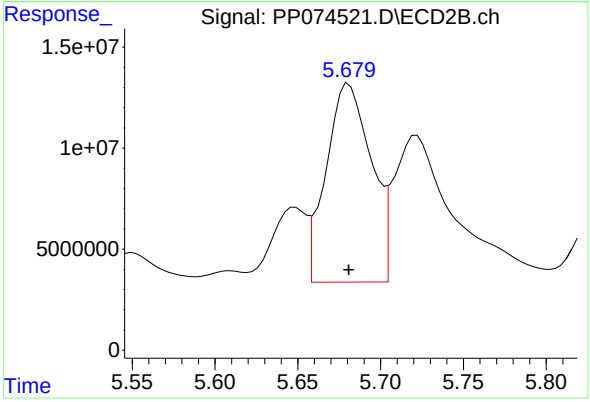
#19 AR-1242-4

R.T.: 5.161 min
Delta R.T.: 0.003 min
Response: 161639634
Conc: 944.38 ng/ml



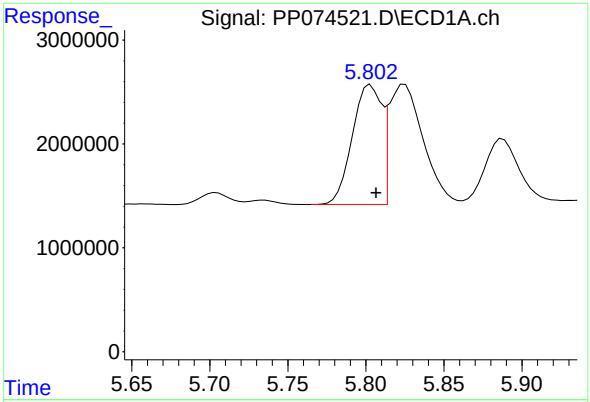
#20 AR-1242-5

R.T.: 6.714 min
Delta R.T.: -0.004 min
Response: 26936491
Conc: 746.77 ng/ml



#20 AR-1242-5

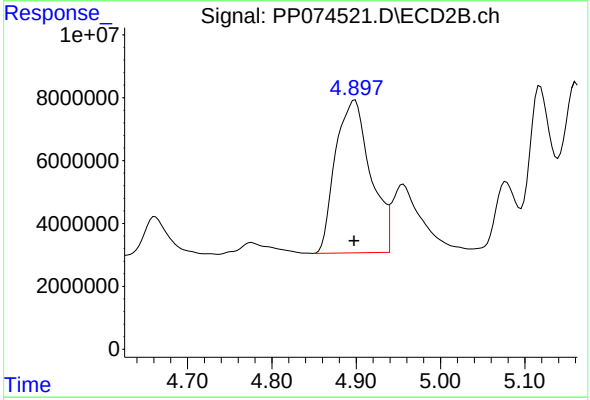
R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 186389413
Conc: 1006.62 ng/ml



#21 AR-1248-1

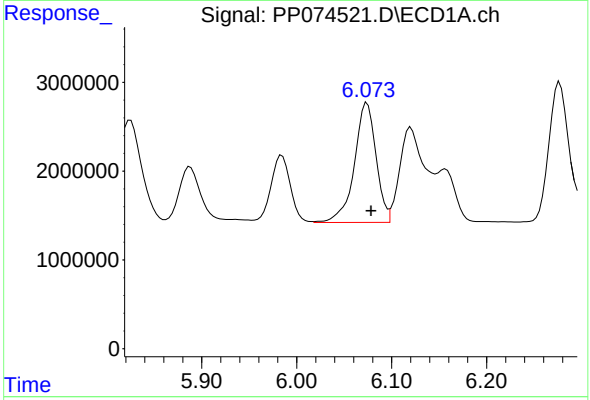
R.T.: 5.803 min
Delta R.T.: -0.003 min
Response: 15042012
Conc: 497.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1248



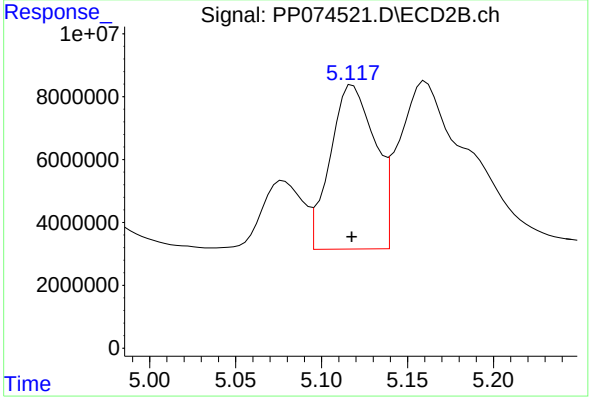
#21 AR-1248-1

R.T.: 4.899 min
Delta R.T.: 0.001 min
Response: 140352493
Conc: 508.26 ng/ml



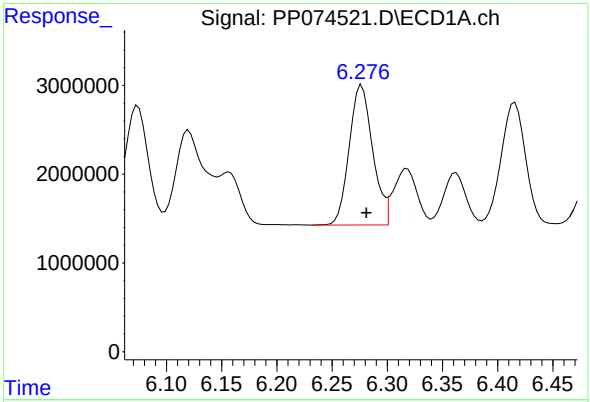
#22 AR-1248-2

R.T.: 6.074 min
Delta R.T.: -0.004 min
Response: 21382962
Conc: 496.17 ng/ml



#22 AR-1248-2

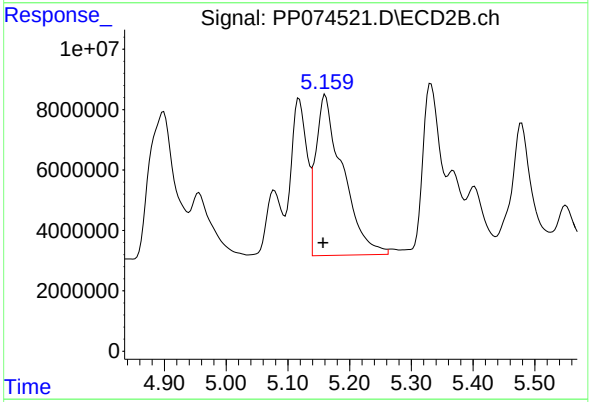
R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 94490320
Conc: 534.58 ng/ml



#23 AR-1248-3

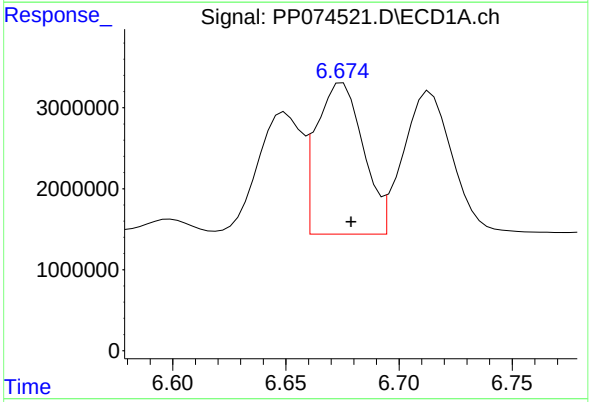
R.T.: 6.277 min
Delta R.T.: -0.004 min
Response: 23315343
Conc: 499.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1248



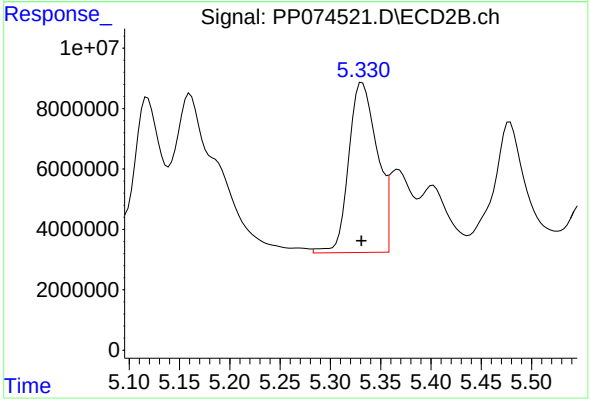
#23 AR-1248-3

R.T.: 5.161 min
Delta R.T.: 0.003 min
Response: 161639634
Conc: 711.43 ng/ml



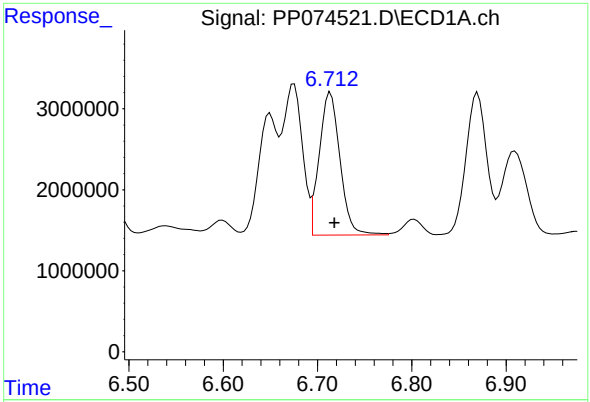
#24 AR-1248-4

R.T.: 6.675 min
Delta R.T.: -0.004 min
Response: 26915269
Conc: 489.36 ng/ml



#24 AR-1248-4

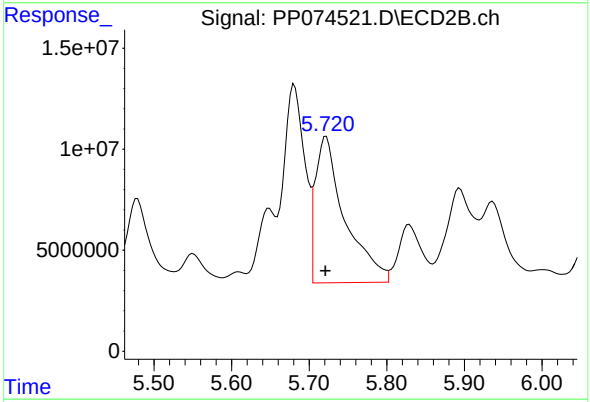
R.T.: 5.332 min
Delta R.T.: 0.000 min
Response: 110606875
Conc: 507.32 ng/ml



#25 AR-1248-5

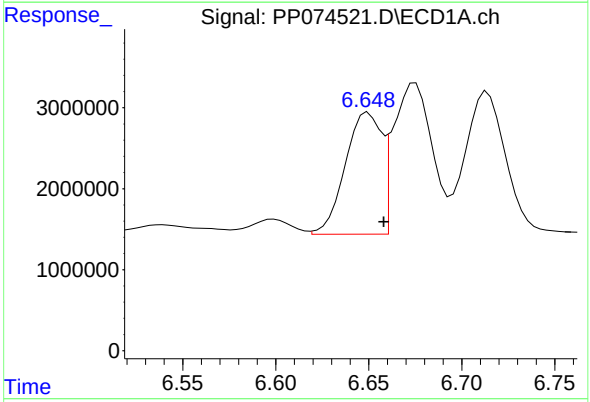
R.T.: 6.714 min
Delta R.T.: -0.004 min
Response: 26936491
Conc: 485.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1248



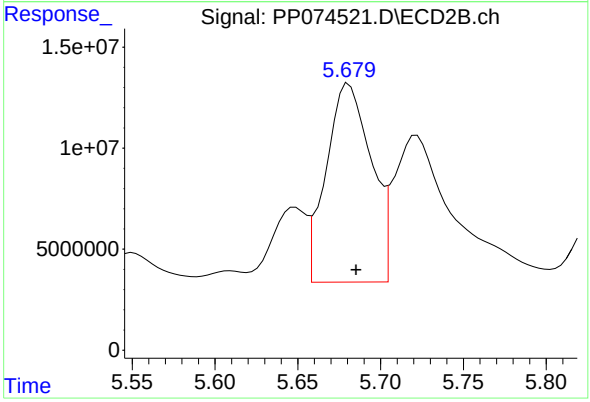
#25 AR-1248-5

R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 191490359
Conc: 521.31 ng/ml



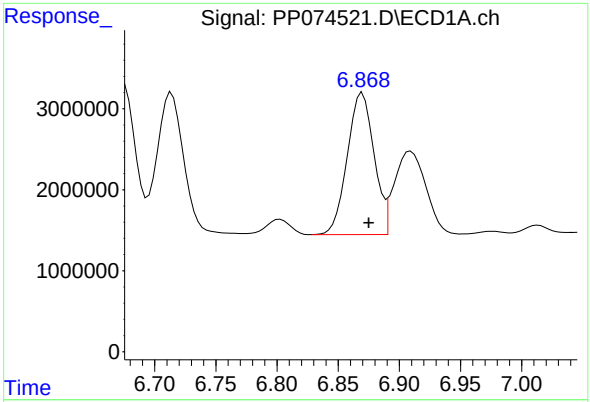
#26 AR-1254-1

R.T.: 6.650 min
Delta R.T.: -0.008 min
Response: 20442764
Conc: 350.83 ng/ml



#26 AR-1254-1

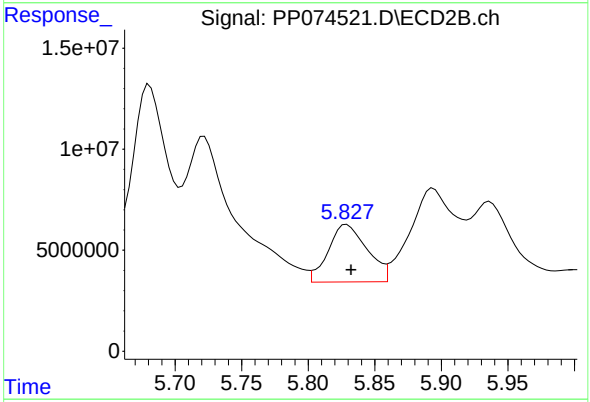
R.T.: 5.681 min
Delta R.T.: -0.004 min
Response: 186389413
Conc: 390.99 ng/ml



#27 AR-1254-2

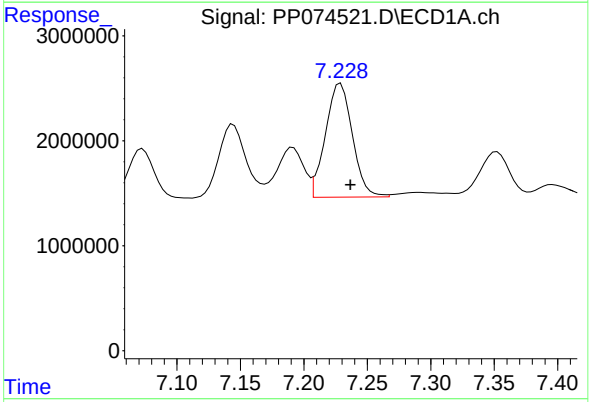
R.T.: 6.870 min
Delta R.T.: -0.005 min
Response: 26686373
Conc: 326.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1248



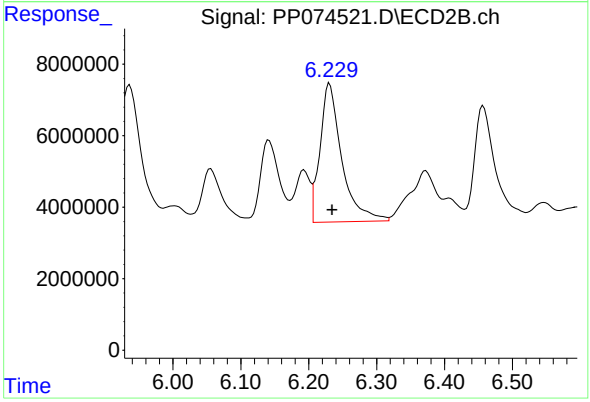
#27 AR-1254-2

R.T.: 5.829 min
Delta R.T.: -0.003 min
Response: 57988154
Conc: 164.68 ng/ml



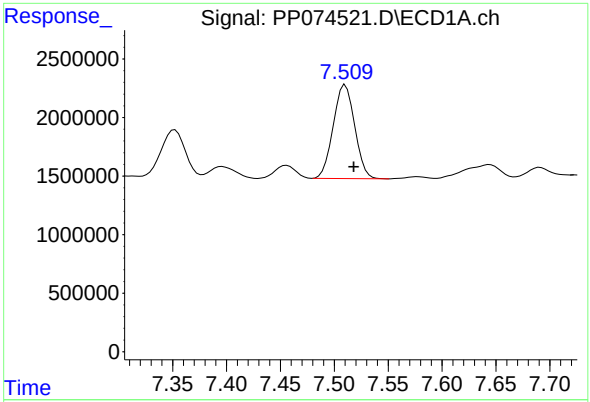
#28 AR-1254-3

R.T.: 7.229 min
Delta R.T.: -0.008 min
Response: 16004914
Conc: 179.41 ng/ml



#28 AR-1254-3

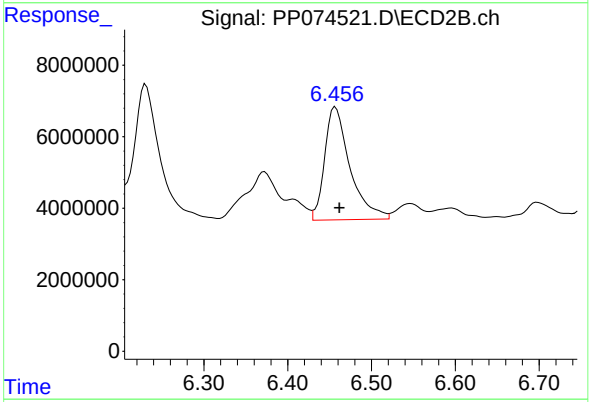
R.T.: 6.231 min
Delta R.T.: -0.004 min
Response: 86391291
Conc: 139.38 ng/ml



#29 AR-1254-4

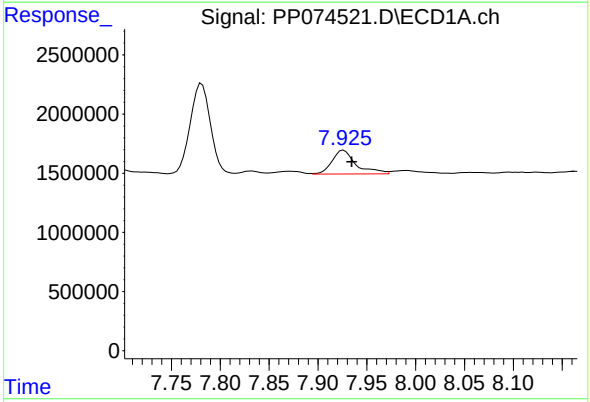
R.T.: 7.510 min
Delta R.T.: -0.008 min
Response: 11092455
Conc: 168.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1248



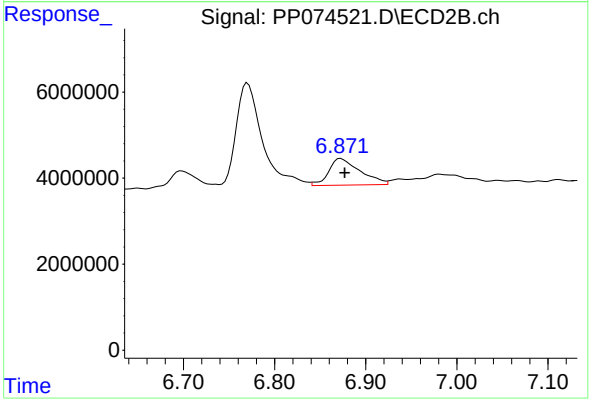
#29 AR-1254-4

R.T.: 6.457 min
Delta R.T.: -0.005 min
Response: 66443525
Conc: 141.78 ng/ml



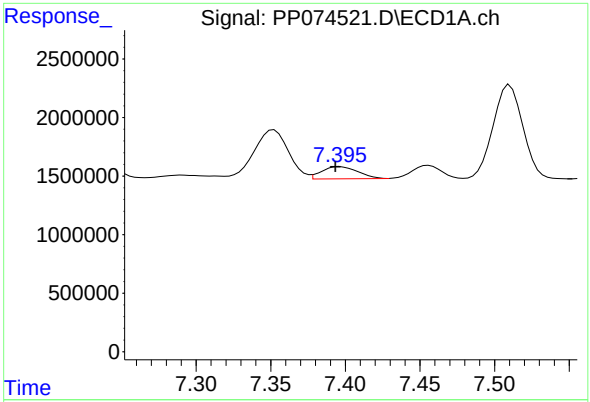
#30 AR-1254-5

R.T.: 7.926 min
Delta R.T.: -0.008 min
Response: 3448917
Conc: 41.51 ng/ml



#30 AR-1254-5

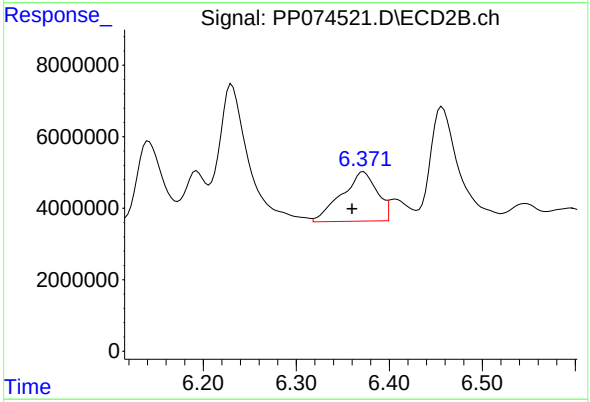
R.T.: 6.873 min
Delta R.T.: -0.004 min
Response: 14778189
Conc: 30.13 ng/ml



#31 AR-1260-1

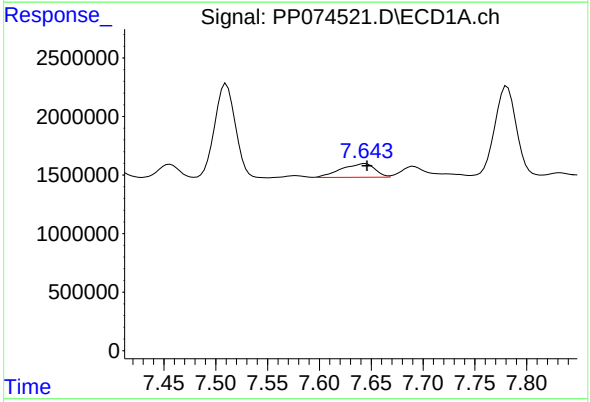
R.T.: 7.396 min
Delta R.T.: 0.003 min
Response: 1752654
Conc: 30.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1248



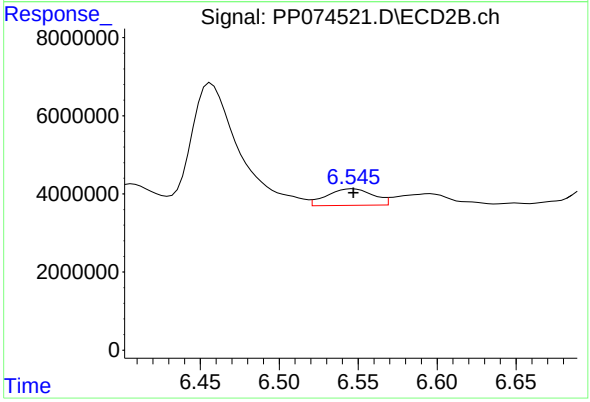
#31 AR-1260-1

R.T.: 6.372 min
Delta R.T.: 0.012 min
Response: 36681561
Conc: 97.76 ng/ml



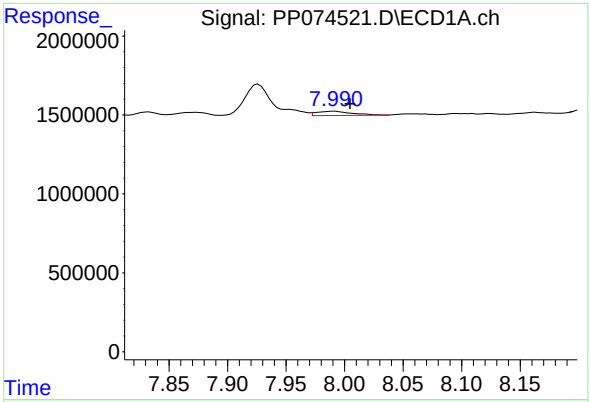
#32 AR-1260-2

R.T.: 7.644 min
Delta R.T.: -0.002 min
Response: 2664185
Conc: 38.66 ng/ml



#32 AR-1260-2

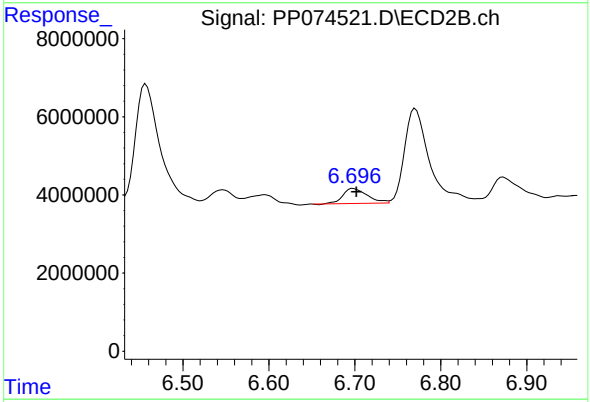
R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 8615864
Conc: 16.29 ng/ml



#33 AR-1260-3

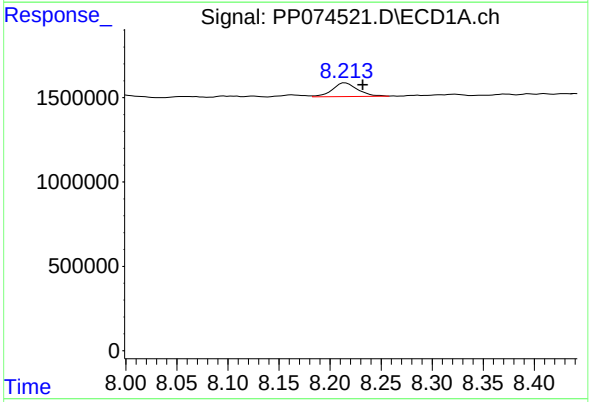
R.T.: 7.991 min
Delta R.T.: -0.013 min
Response: 570343
Conc: 10.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1248



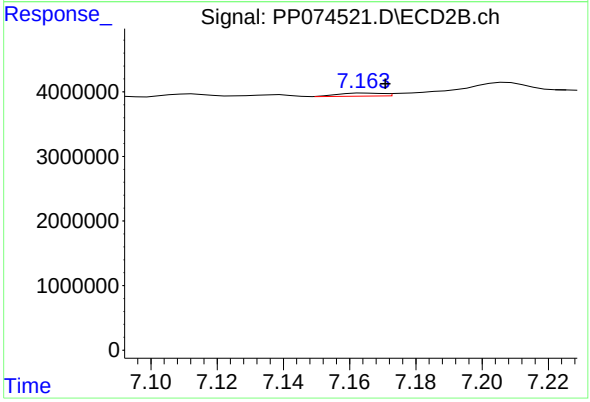
#33 AR-1260-3

R.T.: 6.698 min
Delta R.T.: -0.004 min
Response: 7559229
Conc: 17.46 ng/ml



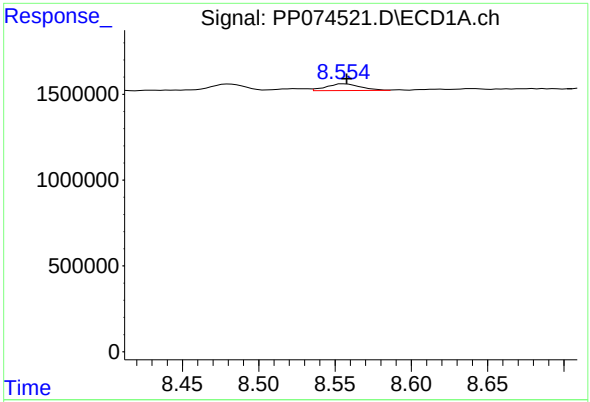
#34 AR-1260-4

R.T.: 8.215 min
Delta R.T.: -0.017 min
Response: 1398266
Conc: 21.92 ng/ml



#34 AR-1260-4

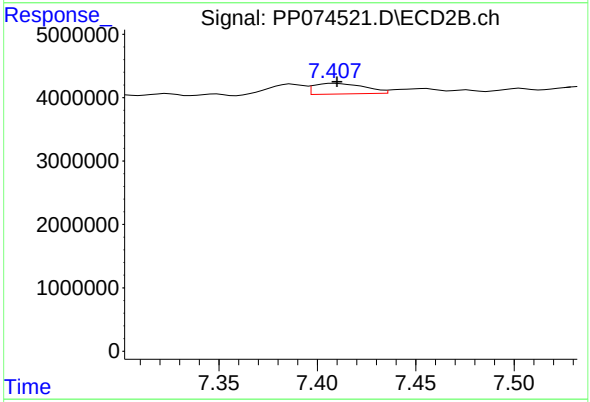
R.T.: 7.165 min
Delta R.T.: -0.006 min
Response: 439289
Conc: 1.15 ng/ml



#35 AR-1260-5

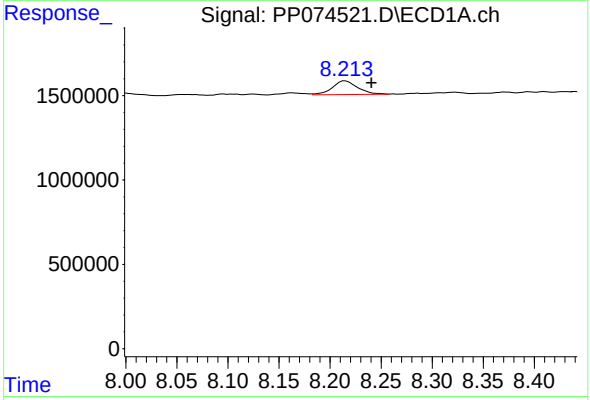
R.T.: 8.556 min
Delta R.T.: -0.002 min
Response: 601058
Conc: 5.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1248



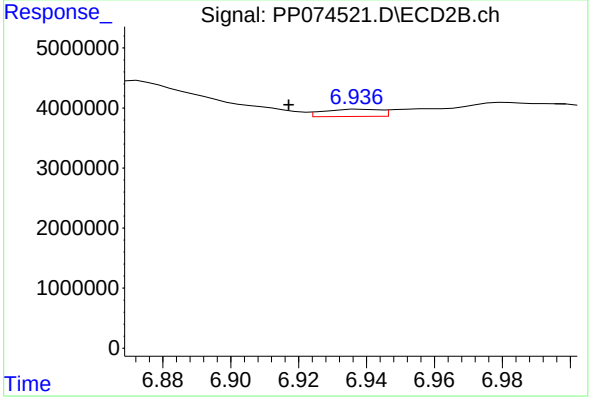
#35 AR-1260-5

R.T.: 7.409 min
Delta R.T.: 0.000 min
Response: 2988177
Conc: 2.97 ng/ml



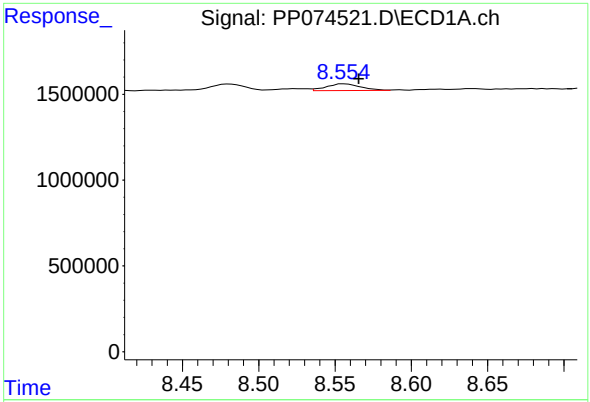
#36 AR-1262-1

R.T.: 8.215 min
Delta R.T.: -0.026 min
Response: 1398266
Conc: 18.16 ng/ml



#36 AR-1262-1

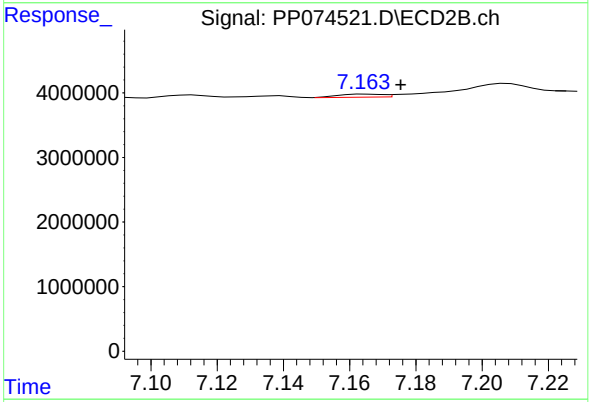
R.T.: 6.938 min
Delta R.T.: 0.021 min
Response: 1407859
Conc: 1.99 ng/ml



#37 AR-1262-2

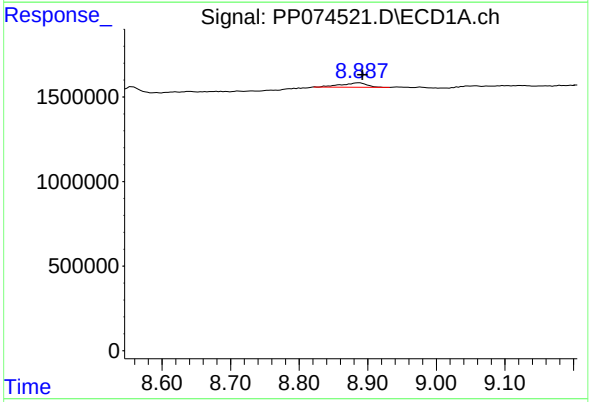
R.T.: 8.556 min
Delta R.T.: -0.010 min
Response: 601058
Conc: 4.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1248



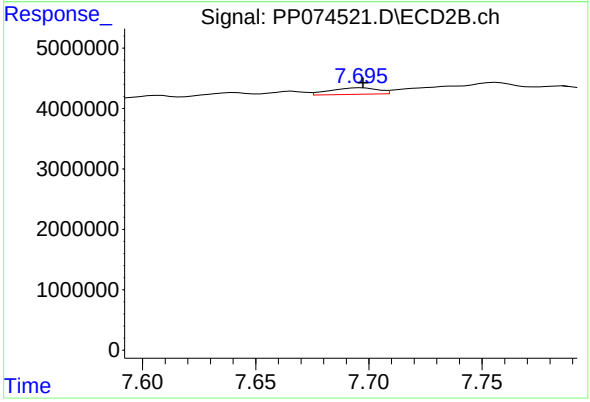
#37 AR-1262-2

R.T.: 7.165 min
Delta R.T.: -0.011 min
Response: 439289
Conc: 0.84 ng/ml



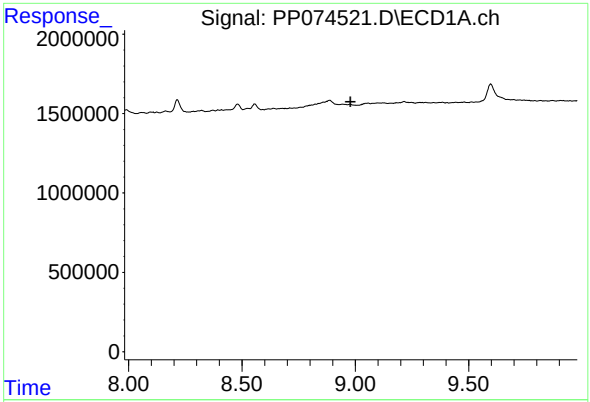
#38 AR-1262-3

R.T.: 8.888 min
Delta R.T.: -0.005 min
Response: 667952
Conc: 6.87 ng/ml



#38 AR-1262-3

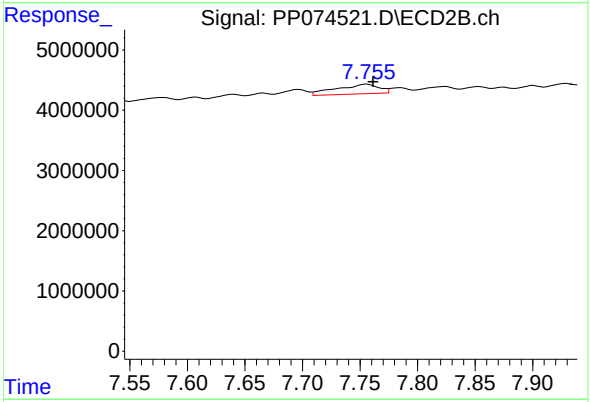
R.T.: 7.697 min
Delta R.T.: 0.000 min
Response: 1593207
Conc: 3.42 ng/ml



#39 AR-1262-4

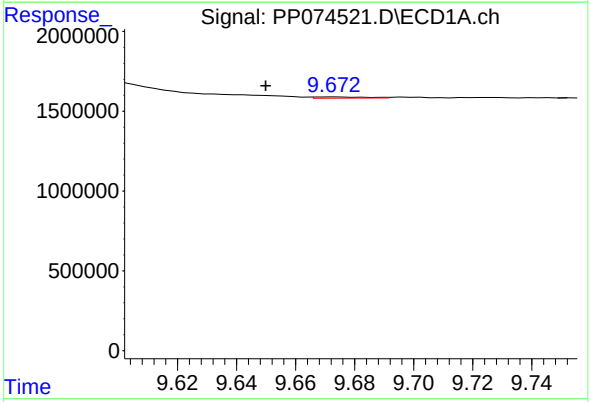
R.T.: 0.000 min
Exp R.T. : 8.979 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1248



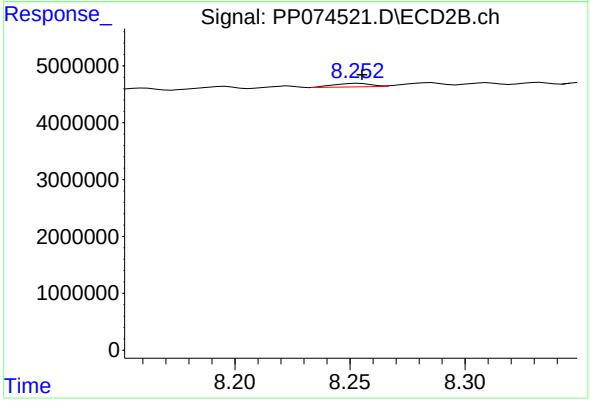
#39 AR-1262-4

R.T.: 7.756 min
Delta R.T.: -0.005 min
Response: 4110283
Conc: 5.00 ng/ml



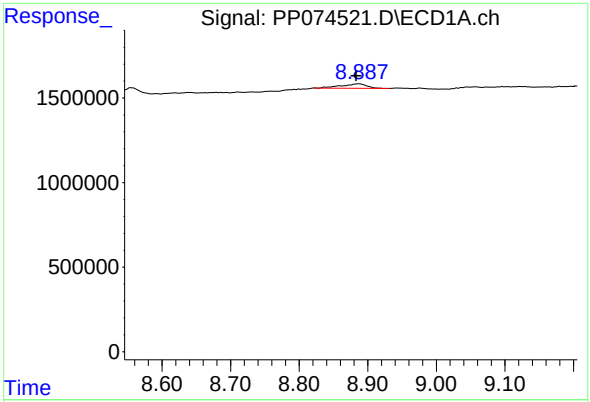
#40 AR-1262-5

R.T.: 9.674 min
Delta R.T.: 0.024 min
Response: 98092
Conc: 1.61 ng/ml



#40 AR-1262-5

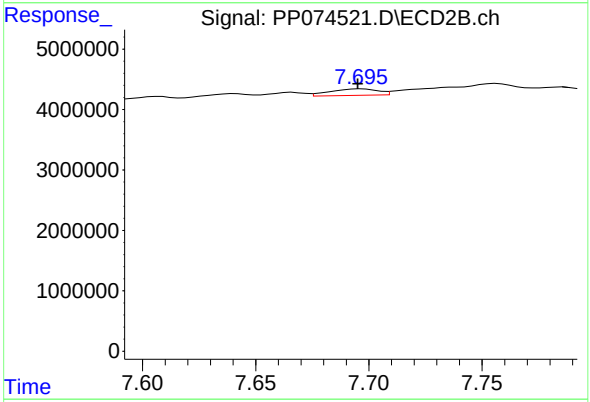
R.T.: 8.254 min
Delta R.T.: -0.001 min
Response: 713137
Conc: 1.99 ng/ml



#41 AR-1268-1

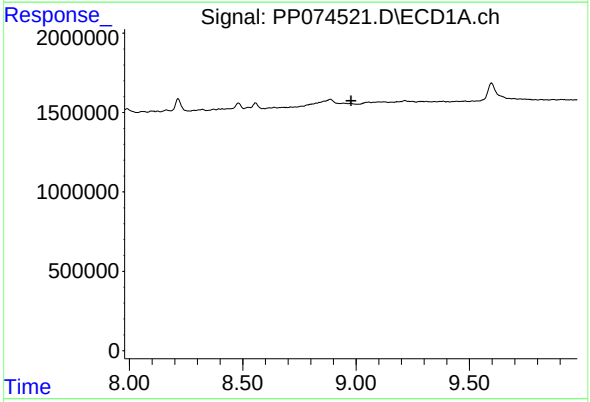
R.T.: 8.888 min
Delta R.T.: 0.005 min
Response: 667952
Conc: 4.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1248



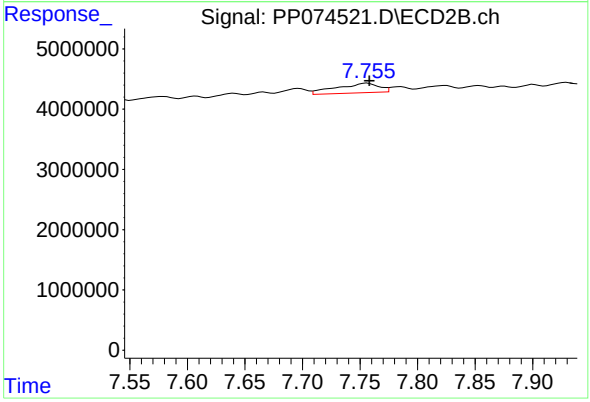
#41 AR-1268-1

R.T.: 7.697 min
Delta R.T.: 0.002 min
Response: 1593207
Conc: 1.13 ng/ml



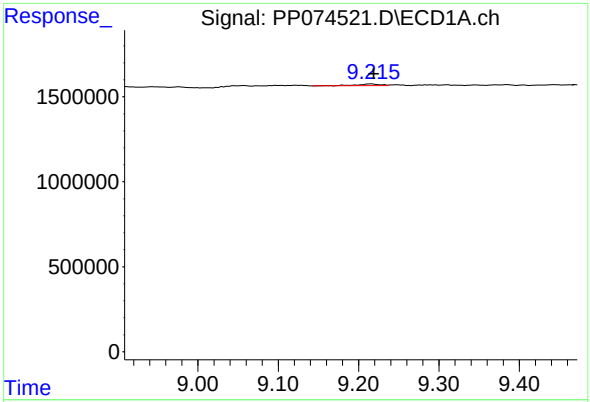
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.978 min
Response: 0
Conc: N.D.



#42 AR-1268-2

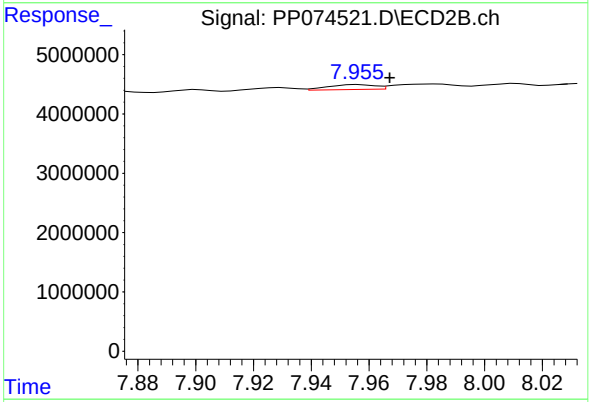
R.T.: 7.756 min
Delta R.T.: -0.002 min
Response: 4110283
Conc: 3.01 ng/ml



#43 AR-1268-3

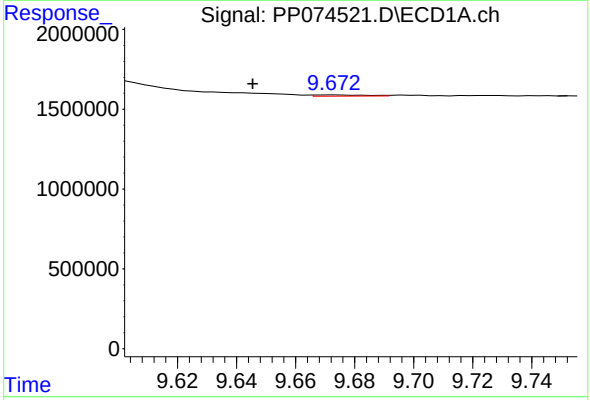
R.T.: 9.216 min
Delta R.T.: -0.002 min
Response: 213416
Conc: 1.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1248



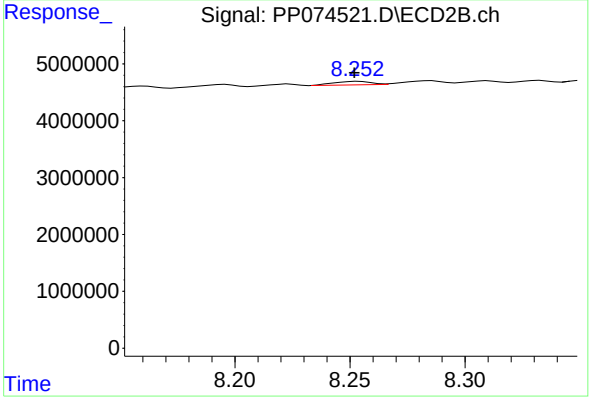
#43 AR-1268-3

R.T.: 7.956 min
Delta R.T.: -0.011 min
Response: 942917
Conc: 0.90 ng/ml



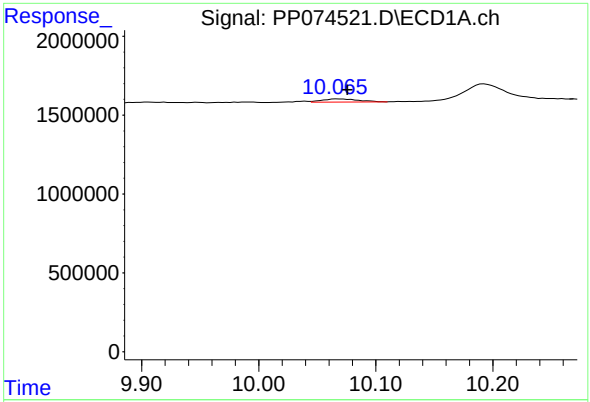
#44 AR-1268-4

R.T.: 9.674 min
Delta R.T.: 0.028 min
Response: 98092
Conc: 1.46 ng/ml



#44 AR-1268-4

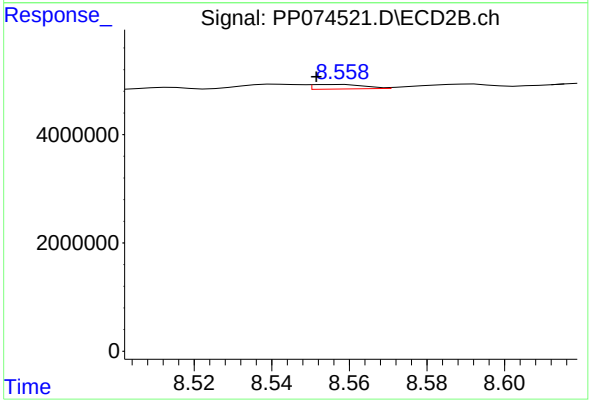
R.T.: 8.254 min
Delta R.T.: 0.002 min
Response: 713137
Conc: 1.86 ng/ml



#45 AR-1268-5

R.T.: 10.067 min
Delta R.T.: -0.008 min
Response: 437264
Conc: 1.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1248



#45 AR-1268-5

R.T.: 8.558 min
Delta R.T.: 0.006 min
Response: 781232
Conc: 0.25 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074522.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 20:18
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:24:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.657	3.800	56166806	231.3E6	45.900	47.840	
2)	SA Decachlor...	10.432	8.813	50817971	371.3E6	51.461	49.507	
	Target Compounds							
3)	L1 AR-1016-1	5.807	4.894	750005	5643991	17.011	11.081	#
4)	L1 AR-1016-2	5.832	4.960	959611	1349210	15.270	5.669	#
5)	L1 AR-1016-3	5.894	5.082	1080182	1266128	24.050	9.181	#
6)	L1 AR-1016-4	5.988	5.119	655902	70805439	18.643	506.465	#
7)	L1 AR-1016-5	6.281	5.331	9369103	44864151	282.320	270.130	
8)	L2 AR-1221-1	0.000	4.013	0	659026	N.D.	10.652	#
9)	L2 AR-1221-2	4.958	4.096	980393	2755427	73.398	60.944	
10)	L2 AR-1221-3	5.020	4.174	191319	933974	5.046	5.685	
11)	L3 AR-1232-1	5.020	4.174	191319	933974	6.299	7.291	
12)	L3 AR-1232-2	5.542	4.894	319890	5643991	20.300	24.349	
13)	L3 AR-1232-3	5.832	5.082	959611	1266128	31.418	21.081	#
14)	L3 AR-1232-4	5.988	5.154	655902	35392594	37.981	480.177	#
15)	L3 AR-1232-5	6.079	5.331	15193588	44864151	1170.452	722.639	#
16)	L4 AR-1242-1	5.807	4.894	750005	5643991	19.595	13.382	#
17)	L4 AR-1242-2	5.832	4.960	959611	1349210	16.990	6.737	#
18)	L4 AR-1242-3	5.894	5.082	1080182	1266128	26.604	10.703	#
19)	L4 AR-1242-4	5.988	5.154	655902	35392594	20.664	206.781	#
20)	L4 AR-1242-5	6.722	5.682	9708916	232.6E6	269.164	1256.184	#
21)	L5 AR-1248-1	5.807	4.894	750005	5643991	24.815	20.439	
22)	L5 AR-1248-2	6.079	5.119	15193588	70805439	352.552	400.584	
23)	L5 AR-1248-3	6.281	5.154	9369103	35392594	200.608	155.775	
24)	L5 AR-1248-4	6.657	5.331	39266544	44864151	713.927	205.779	#
25)	L5 AR-1248-5	6.722	5.682f	9708916	232.6E6	175.029	633.232	#
26)	L6 AR-1254-1	6.657	5.682	39266544	232.6E6	673.879	487.928	#
27)	L6 AR-1254-2	6.872	5.830	38555301	169.1E6	472.399	480.246	
28)	L6 AR-1254-3	7.233	6.231	41293274	315.3E6	462.896	508.643	
29)	L6 AR-1254-4	7.515	6.458	31170607	231.8E6	472.901	494.686	
30)	L6 AR-1254-5	7.931	6.875	39856792	247.9E6	479.711	505.396	
31)	L7 AR-1260-1	7.399	6.364	16874853	147.3E6	291.904	392.628	#
32)	L7 AR-1260-2	7.650	6.548	19662272	138.3E6	285.302	261.464	
33)	L7 AR-1260-3	7.991	6.700	4976830	99337094	95.920	229.416	#
34)	L7 AR-1260-4	8.220	7.171	14985236	7985079	234.905	20.932	#
35)	L7 AR-1260-5	8.562	7.404	5440543	44562227	47.971	44.363	
36)	L8 AR-1262-1	8.220	6.938	14985236	35500592	194.573	50.195	#
37)	L8 AR-1262-2	8.562	7.171	5440543	7985079	41.098	15.335	#
38)	L8 AR-1262-3	8.897	7.700	4928010	1583894	50.693	3.397	#
39)	L8 AR-1262-4	8.945	7.753	924526	24615396	12.273	29.951	#
40)	L8 AR-1262-5	9.603f	8.254	2877554	1035944	47.207	2.891	#
41)	L9 AR-1268-1	8.897	7.700	4928010	1583894	30.412	1.123	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074522.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 20:18
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:24:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
42) L9	AR-1268-2	8.945	7.753	924526	24615396	6.301	18.054	#
43) L9	AR-1268-3	9.216	7.963	336103	717631	2.720	0.688	#
44) L9	AR-1268-4	9.603f	8.254	2877554	1035944	42.781	2.704	#
45) L9	AR-1268-5	10.080	8.556	430496	2014167	1.163	0.642	#

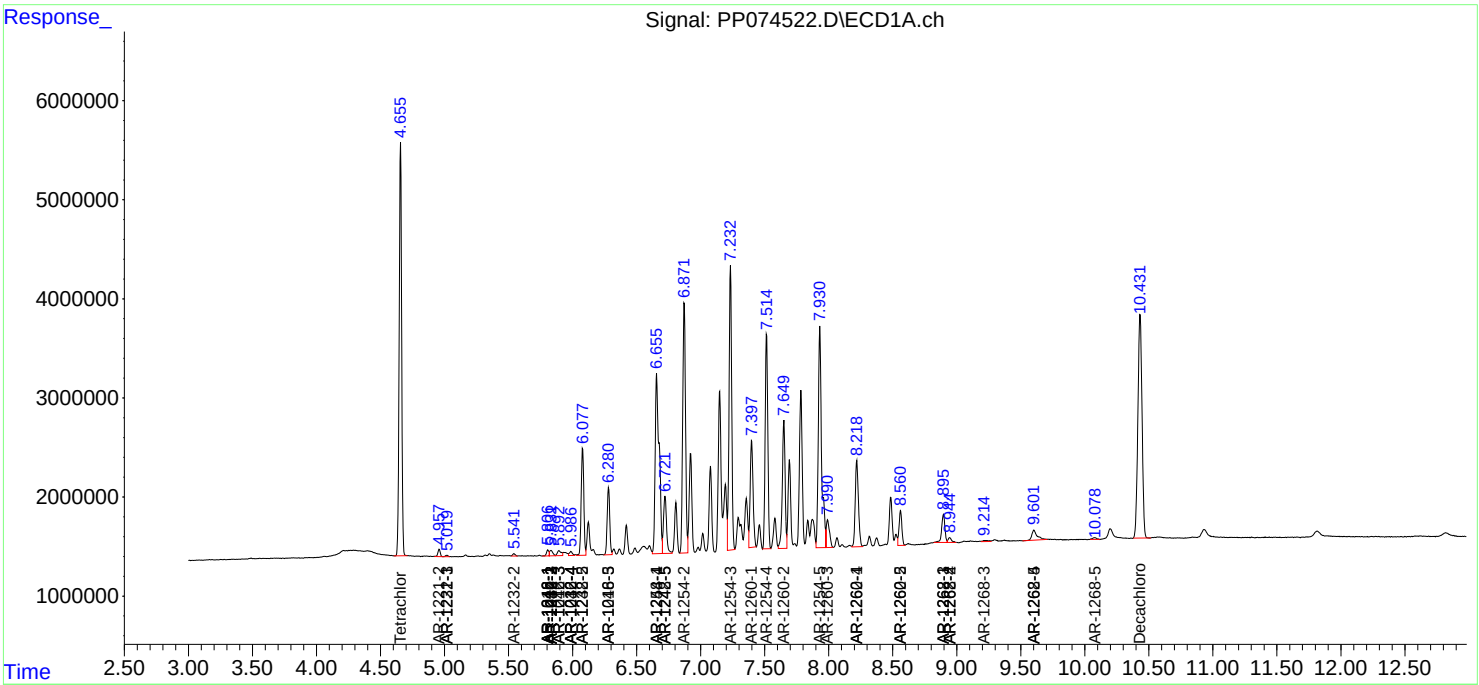
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

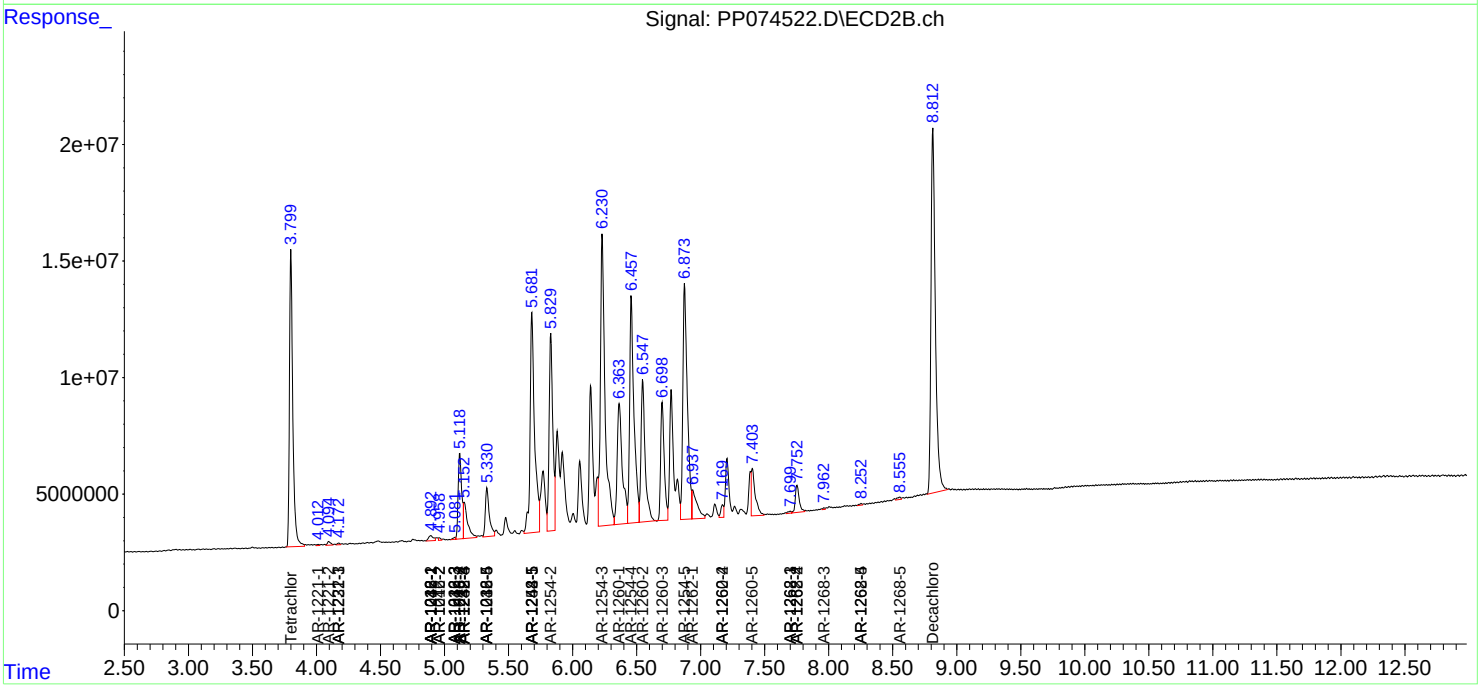
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074522.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 20:18
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

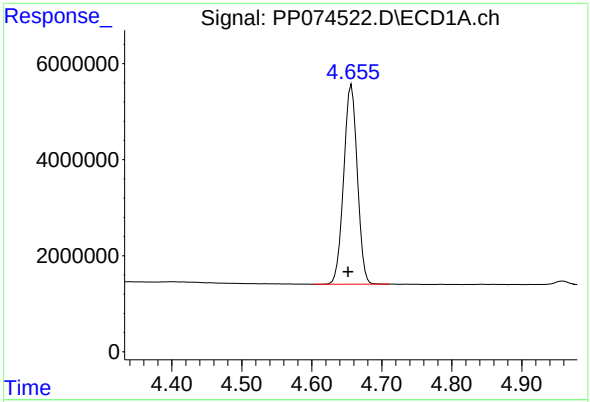
Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:24:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



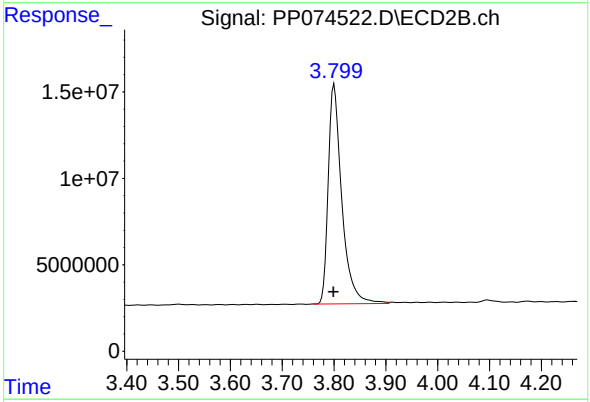




#1 Tetrachloro-m-xylene

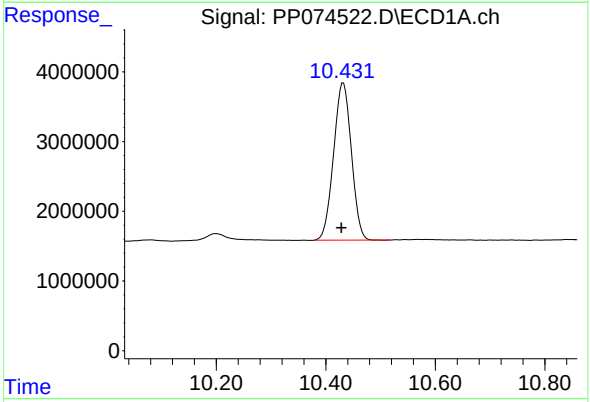
R.T.: 4.657 min
Delta R.T.: 0.005 min
Response: 56166806
Conc: 45.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1254



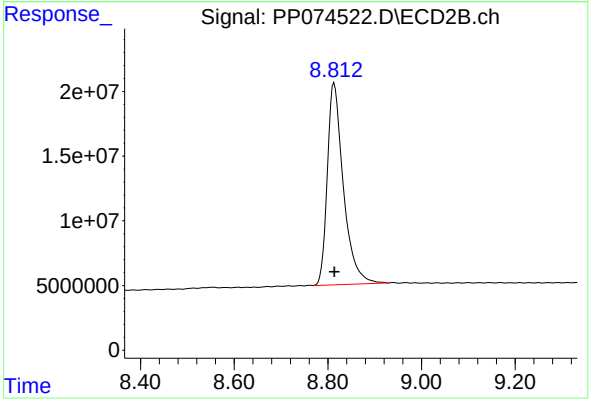
#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: 0.001 min
Response: 231327828
Conc: 47.84 ng/ml



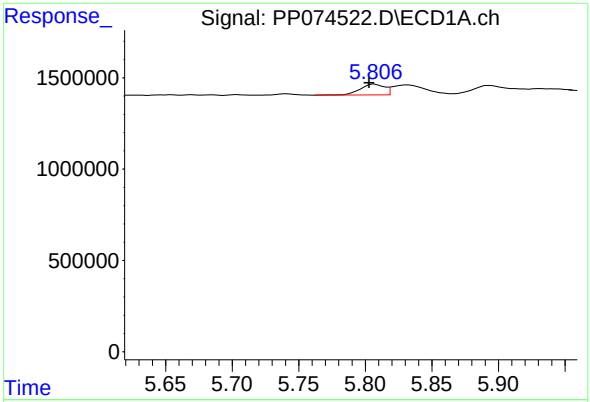
#2 Decachlorobiphenyl

R.T.: 10.432 min
Delta R.T.: 0.004 min
Response: 50817971
Conc: 51.46 ng/ml



#2 Decachlorobiphenyl

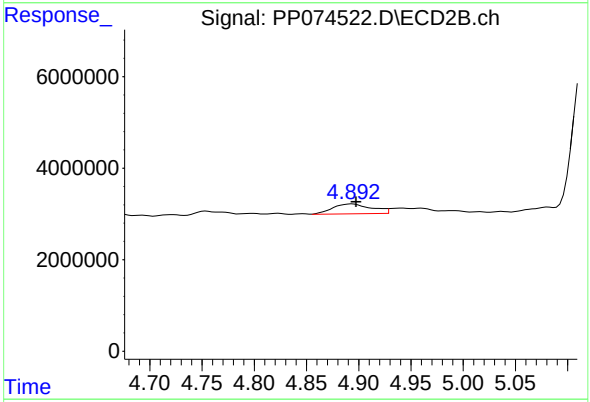
R.T.: 8.813 min
Delta R.T.: 0.000 min
Response: 371262857
Conc: 49.51 ng/ml



#3 AR-1016-1

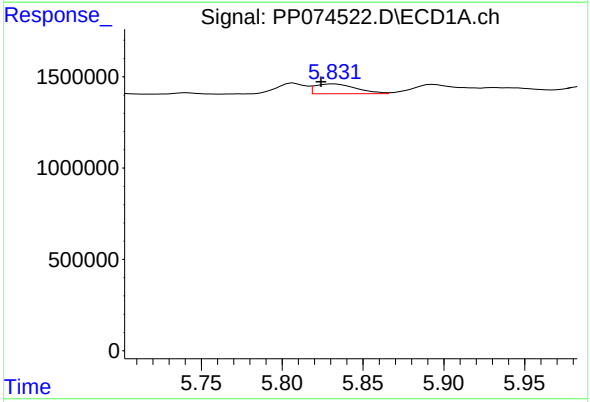
R.T.: 5.807 min
Delta R.T.: 0.005 min
Response: 750005
Conc: 17.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1254



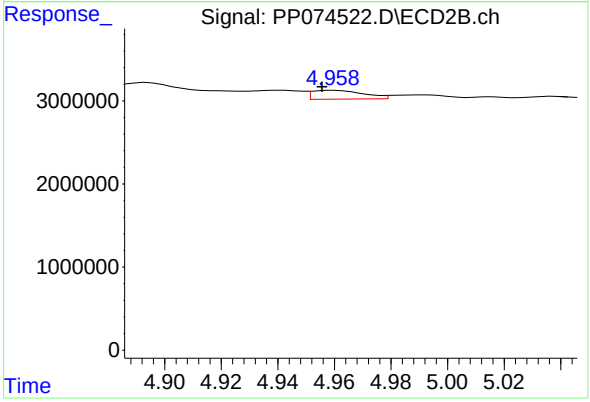
#3 AR-1016-1

R.T.: 4.894 min
Delta R.T.: -0.004 min
Response: 5643991
Conc: 11.08 ng/ml



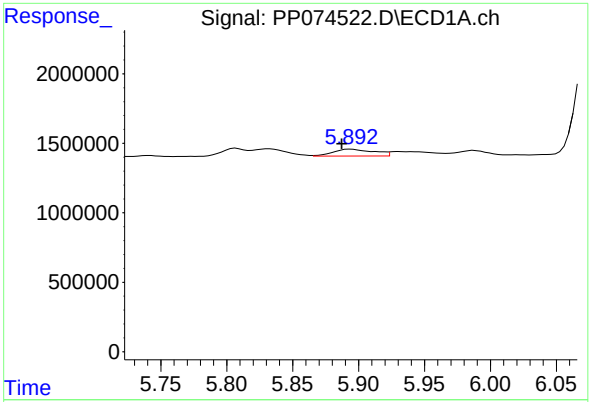
#4 AR-1016-2

R.T.: 5.832 min
Delta R.T.: 0.008 min
Response: 959611
Conc: 15.27 ng/ml



#4 AR-1016-2

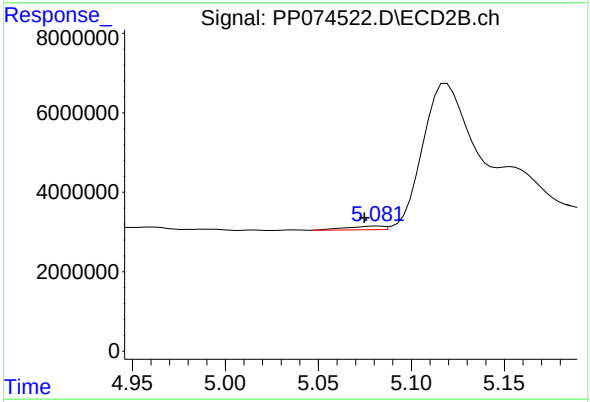
R.T.: 4.960 min
Delta R.T.: 0.004 min
Response: 1349210
Conc: 5.67 ng/ml



#5 AR-1016-3

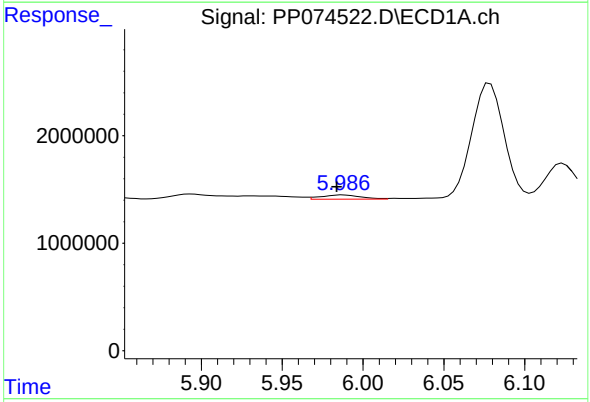
R.T.: 5.894 min
Delta R.T.: 0.007 min
Response: 1080182
Conc: 24.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1254



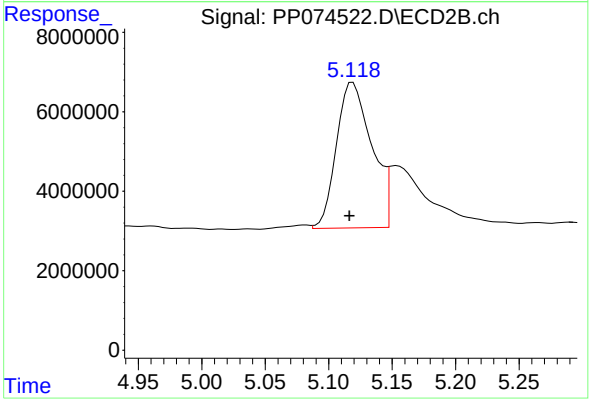
#5 AR-1016-3

R.T.: 5.082 min
Delta R.T.: 0.007 min
Response: 1266128
Conc: 9.18 ng/ml



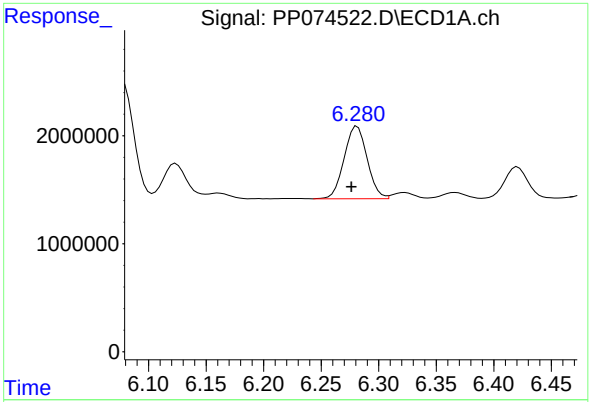
#6 AR-1016-4

R.T.: 5.988 min
Delta R.T.: 0.004 min
Response: 655902
Conc: 18.64 ng/ml



#6 AR-1016-4

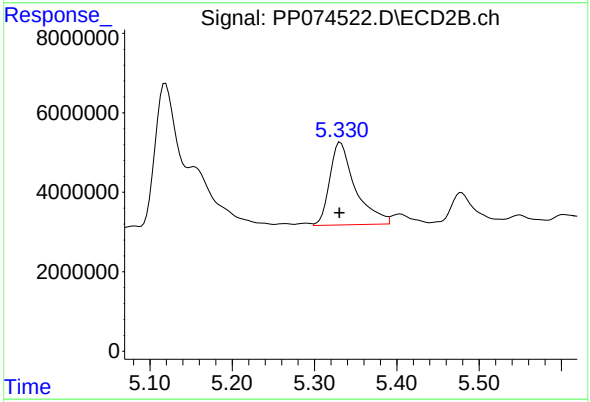
R.T.: 5.119 min
Delta R.T.: 0.003 min
Response: 70805439
Conc: 506.46 ng/ml



#7 AR-1016-5

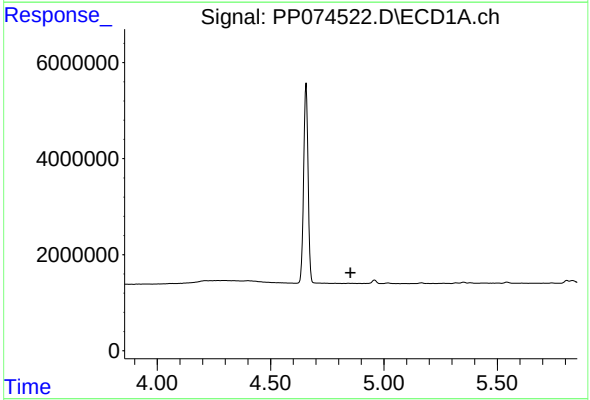
R.T.: 6.281 min
Delta R.T.: 0.005 min
Response: 9369103
Conc: 282.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1254



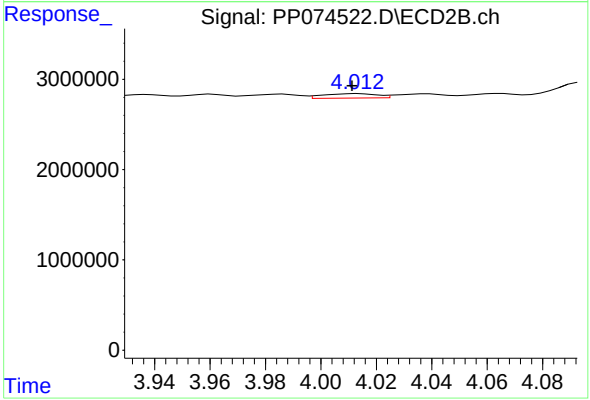
#7 AR-1016-5

R.T.: 5.331 min
Delta R.T.: 0.001 min
Response: 44864151
Conc: 270.13 ng/ml



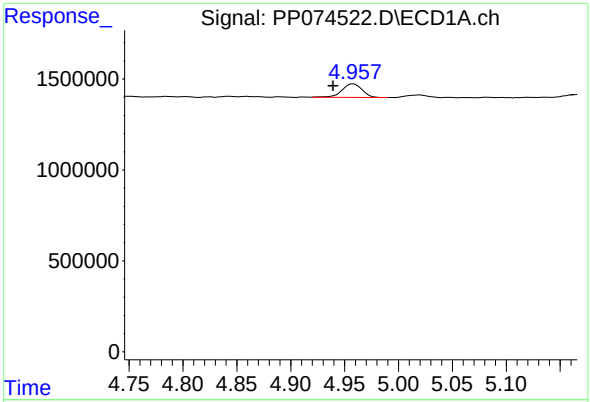
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.853 min
Response: 0
Conc: N.D.



#8 AR-1221-1

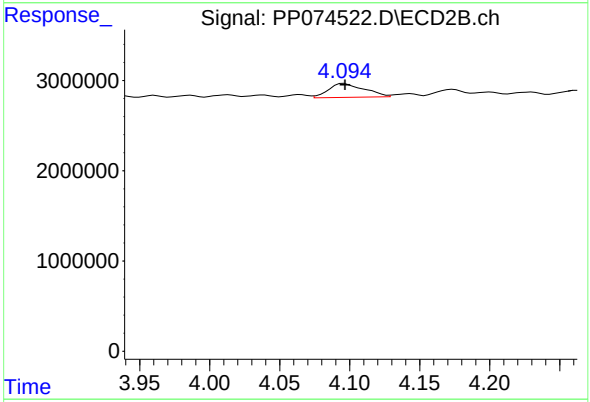
R.T.: 4.013 min
Delta R.T.: 0.002 min
Response: 659026
Conc: 10.65 ng/ml



#9 AR-1221-2

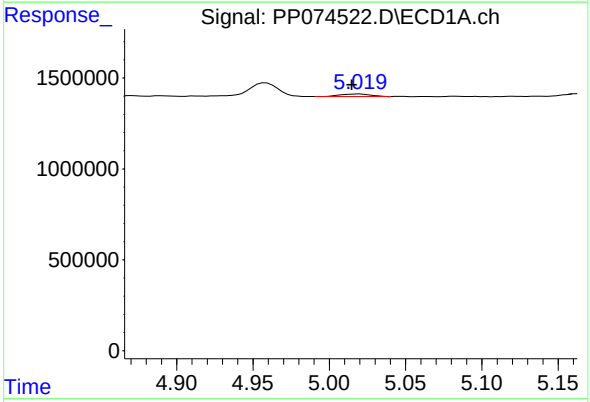
R.T.: 4.958 min
Delta R.T.: 0.019 min
Response: 980393
Conc: 73.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1254



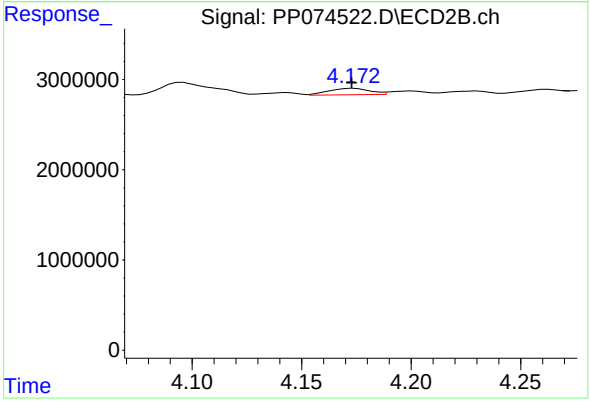
#9 AR-1221-2

R.T.: 4.096 min
Delta R.T.: 0.000 min
Response: 2755427
Conc: 60.94 ng/ml



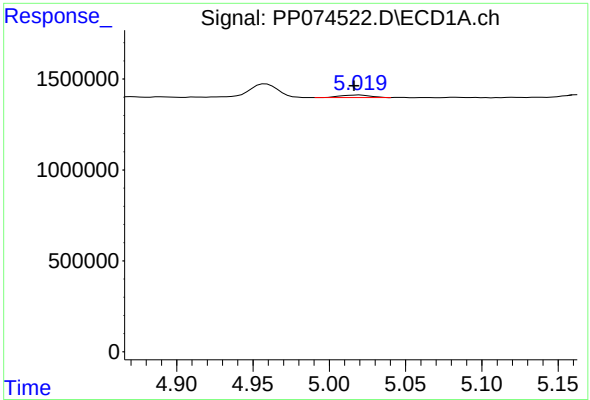
#10 AR-1221-3

R.T.: 5.020 min
Delta R.T.: 0.005 min
Response: 191319
Conc: 5.05 ng/ml



#10 AR-1221-3

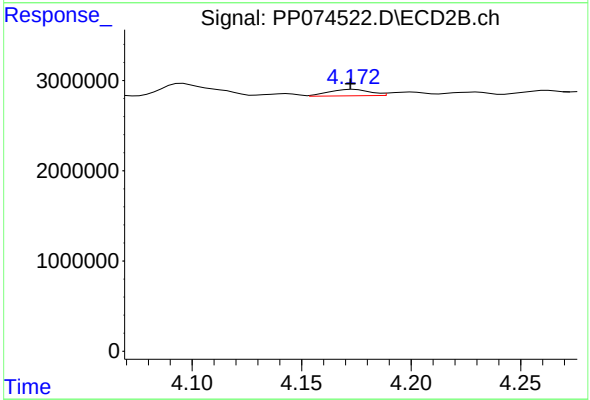
R.T.: 4.174 min
Delta R.T.: 0.001 min
Response: 933974
Conc: 5.68 ng/ml



#11 AR-1232-1

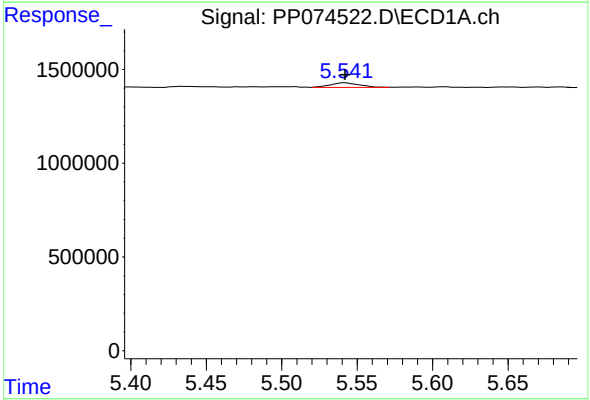
R.T.: 5.020 min
Delta R.T.: 0.004 min
Response: 191319
Conc: 6.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1254



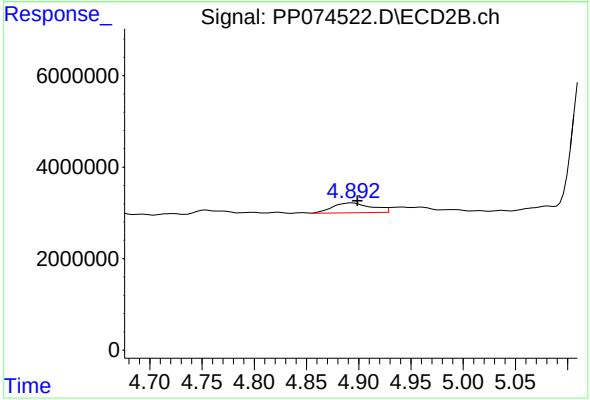
#11 AR-1232-1

R.T.: 4.174 min
Delta R.T.: 0.002 min
Response: 933974
Conc: 7.29 ng/ml



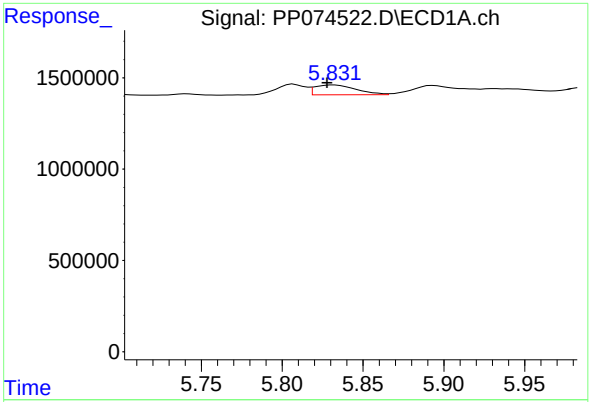
#12 AR-1232-2

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 319890
Conc: 20.30 ng/ml



#12 AR-1232-2

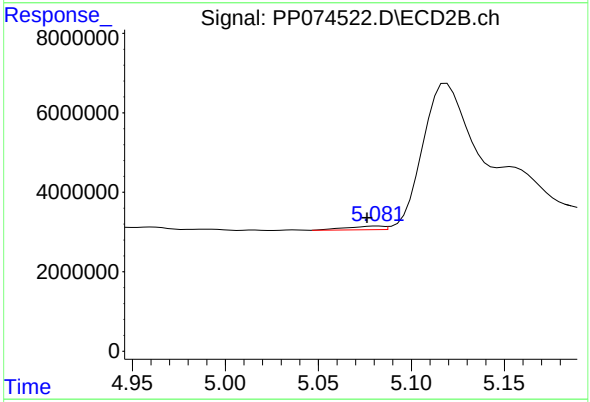
R.T.: 4.894 min
Delta R.T.: -0.005 min
Response: 5643991
Conc: 24.35 ng/ml



#13 AR-1232-3

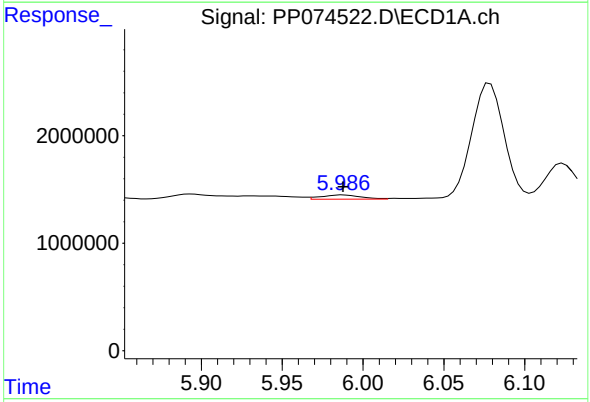
R.T.: 5.832 min
Delta R.T.: 0.004 min
Response: 959611
Conc: 31.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1254



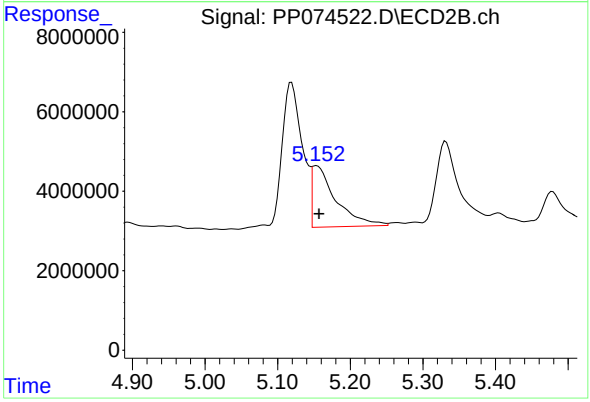
#13 AR-1232-3

R.T.: 5.082 min
Delta R.T.: 0.006 min
Response: 1266128
Conc: 21.08 ng/ml



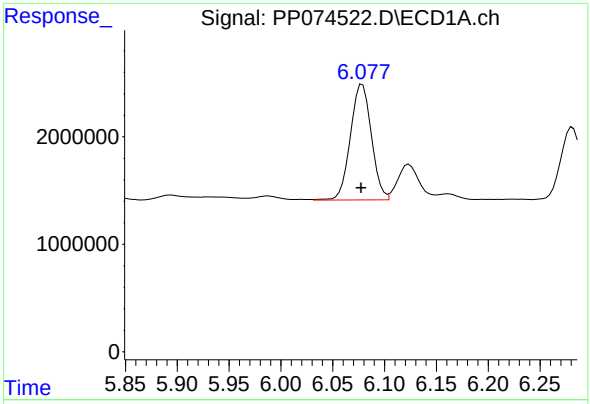
#14 AR-1232-4

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 655902
Conc: 37.98 ng/ml



#14 AR-1232-4

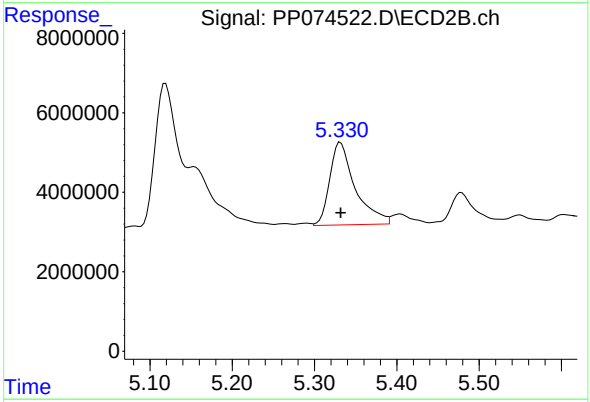
R.T.: 5.154 min
Delta R.T.: -0.004 min
Response: 35392594
Conc: 480.18 ng/ml



#15 AR-1232-5

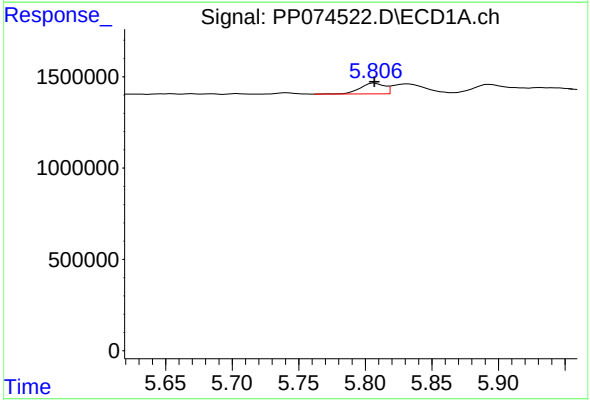
R.T.: 6.079 min
Delta R.T.: 0.001 min
Response: 15193588
Conc: 1170.45 ng/m

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1254



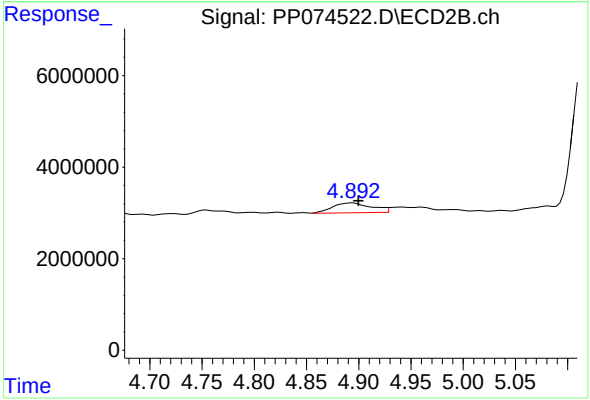
#15 AR-1232-5

R.T.: 5.331 min
Delta R.T.: 0.000 min
Response: 44864151
Conc: 722.64 ng/ml



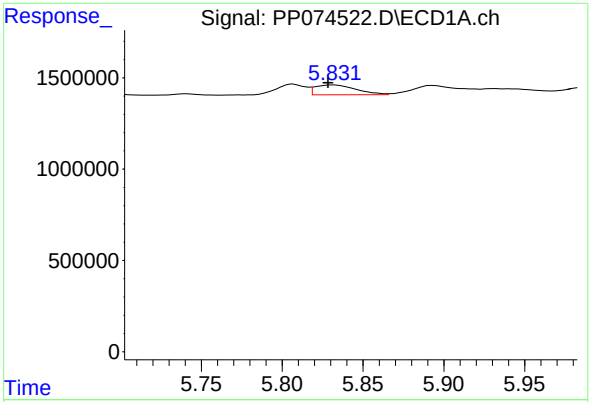
#16 AR-1242-1

R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 750005
Conc: 19.60 ng/ml



#16 AR-1242-1

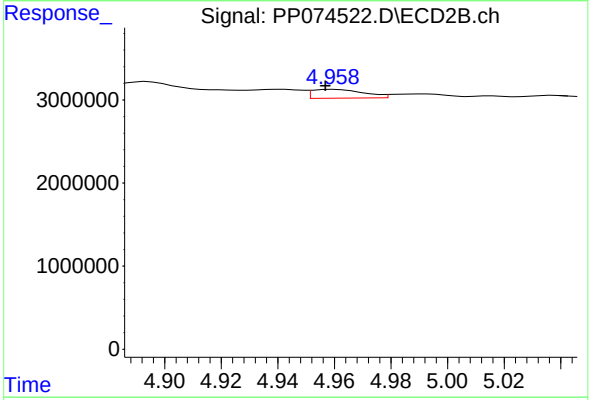
R.T.: 4.894 min
Delta R.T.: -0.006 min
Response: 5643991
Conc: 13.38 ng/ml



#17 AR-1242-2

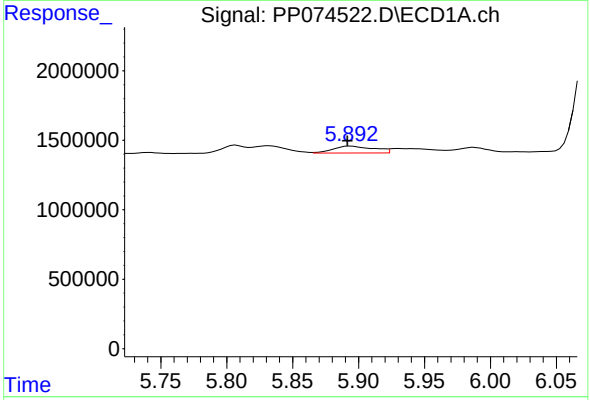
R.T.: 5.832 min
Delta R.T.: 0.004 min
Response: 959611
Conc: 16.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1254



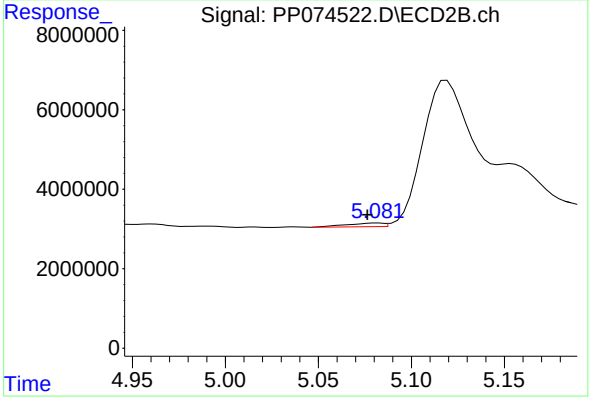
#17 AR-1242-2

R.T.: 4.960 min
Delta R.T.: 0.003 min
Response: 1349210
Conc: 6.74 ng/ml



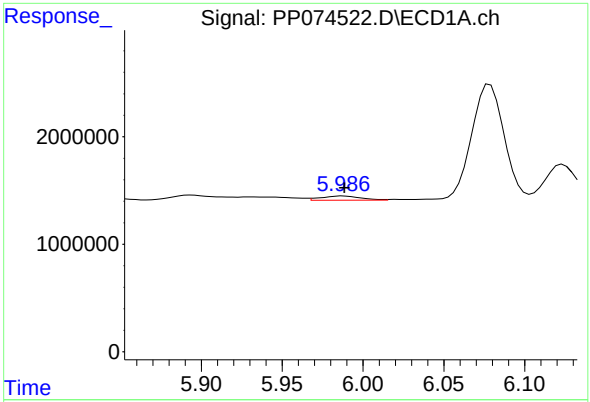
#18 AR-1242-3

R.T.: 5.894 min
Delta R.T.: 0.002 min
Response: 1080182
Conc: 26.60 ng/ml



#18 AR-1242-3

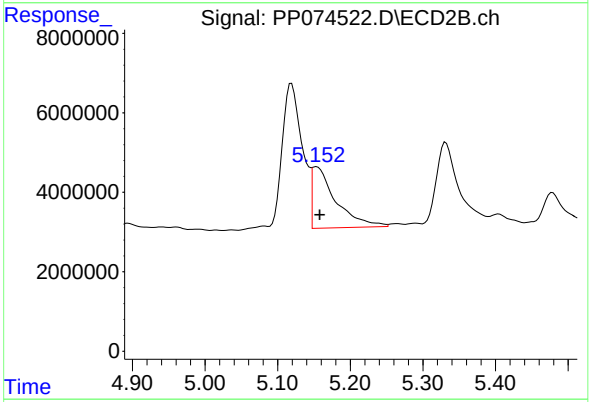
R.T.: 5.082 min
Delta R.T.: 0.005 min
Response: 1266128
Conc: 10.70 ng/ml



#19 AR-1242-4

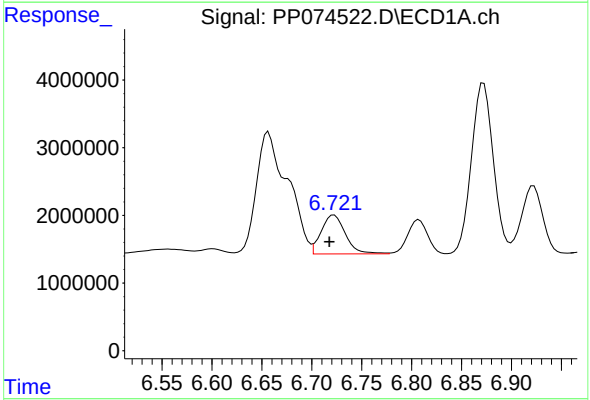
R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 655902
Conc: 20.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1254



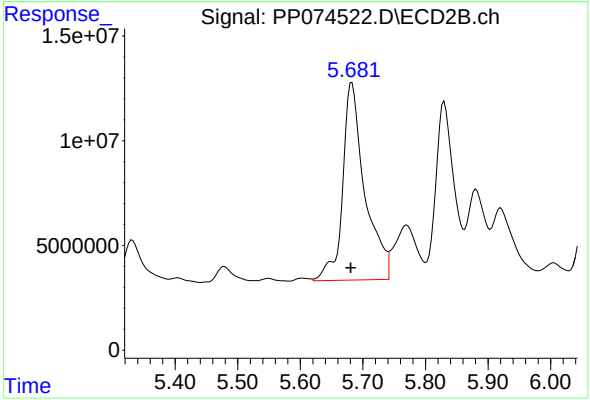
#19 AR-1242-4

R.T.: 5.154 min
Delta R.T.: -0.004 min
Response: 35392594
Conc: 206.78 ng/ml



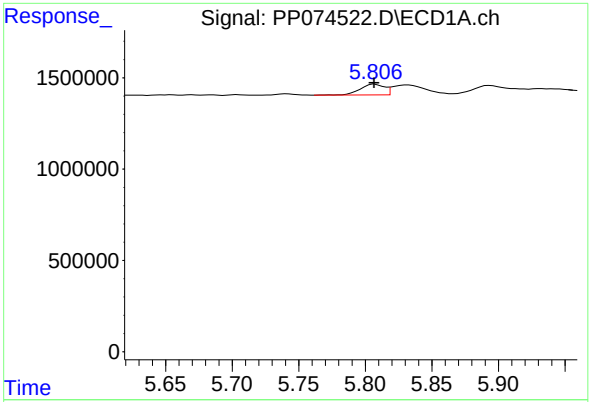
#20 AR-1242-5

R.T.: 6.722 min
Delta R.T.: 0.005 min
Response: 9708916
Conc: 269.16 ng/ml



#20 AR-1242-5

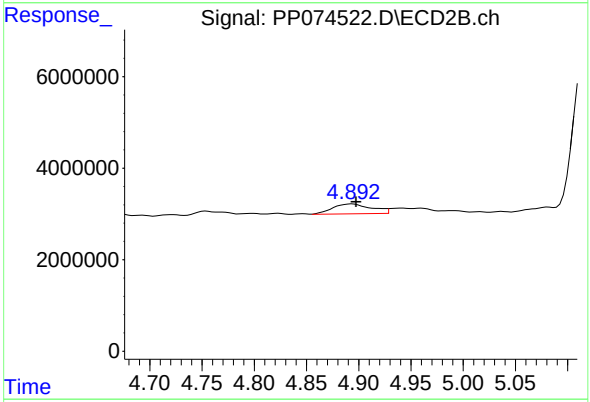
R.T.: 5.682 min
Delta R.T.: 0.002 min
Response: 232600192
Conc: 1256.18 ng/ml



#21 AR-1248-1

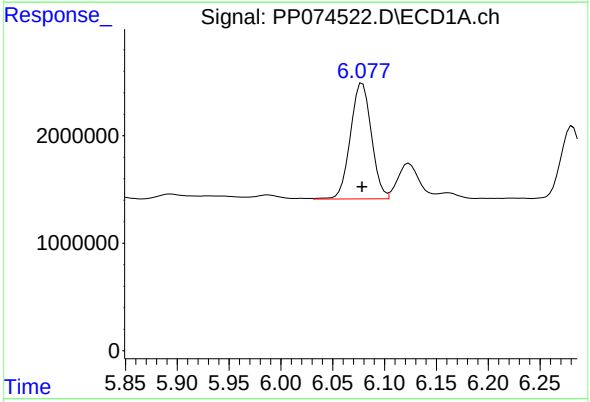
R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 750005
Conc: 24.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1254



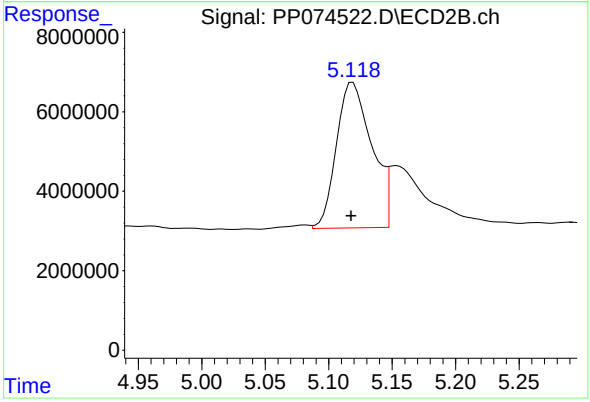
#21 AR-1248-1

R.T.: 4.894 min
Delta R.T.: -0.004 min
Response: 5643991
Conc: 20.44 ng/ml



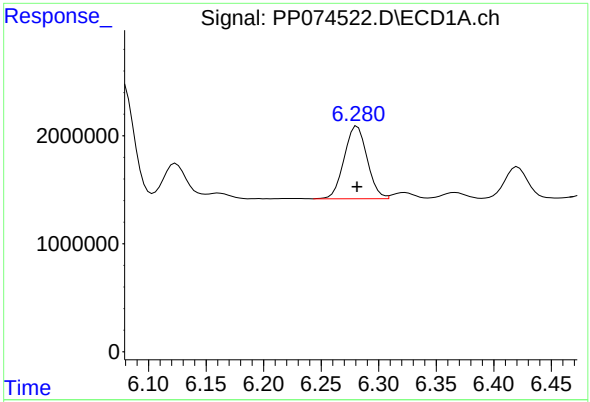
#22 AR-1248-2

R.T.: 6.079 min
Delta R.T.: 0.000 min
Response: 15193588
Conc: 352.55 ng/ml



#22 AR-1248-2

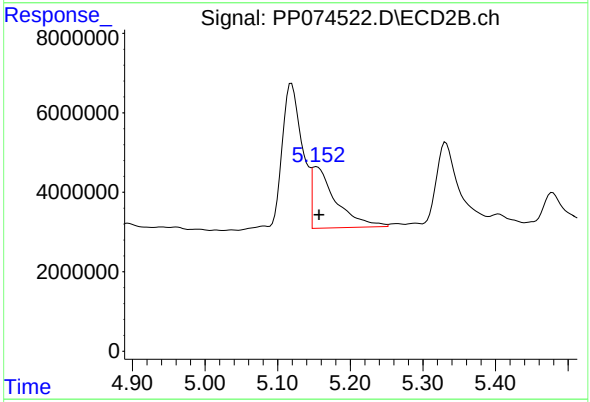
R.T.: 5.119 min
Delta R.T.: 0.001 min
Response: 70805439
Conc: 400.58 ng/ml



#23 AR-1248-3

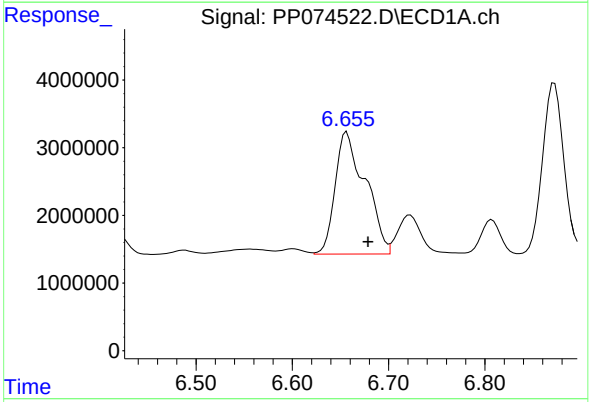
R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 9369103
Conc: 200.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1254



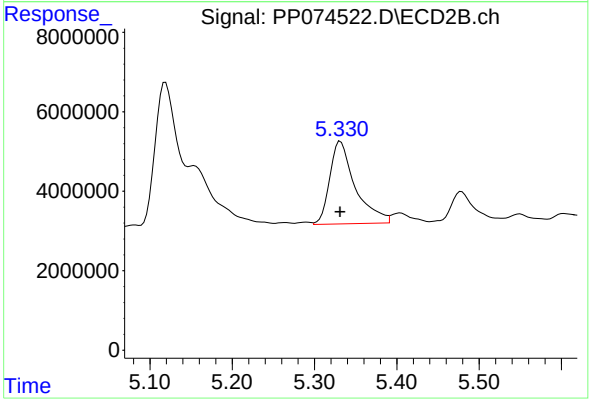
#23 AR-1248-3

R.T.: 5.154 min
Delta R.T.: -0.003 min
Response: 35392594
Conc: 155.77 ng/ml



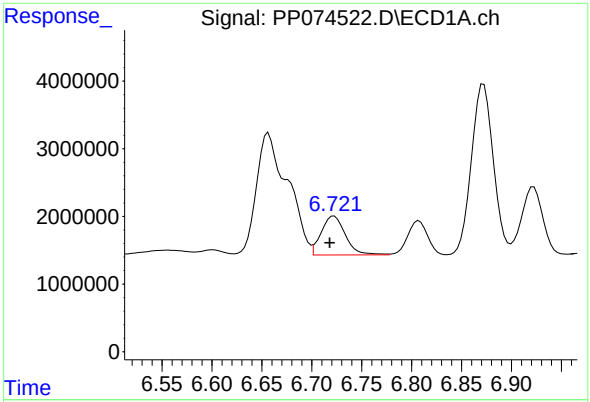
#24 AR-1248-4

R.T.: 6.657 min
Delta R.T.: -0.022 min
Response: 39266544
Conc: 713.93 ng/ml



#24 AR-1248-4

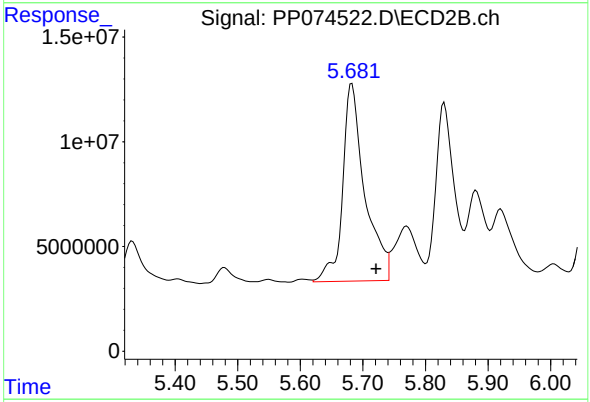
R.T.: 5.331 min
Delta R.T.: 0.000 min
Response: 44864151
Conc: 205.78 ng/ml



#25 AR-1248-5

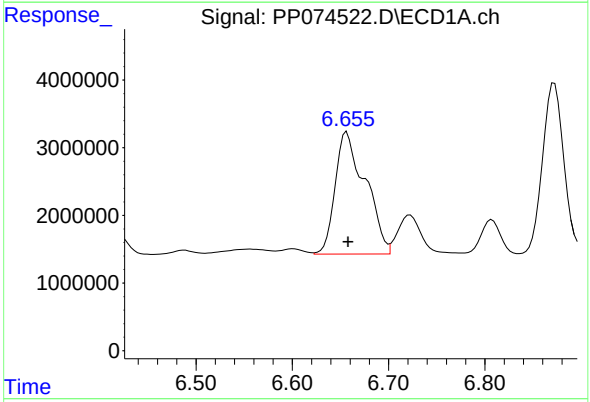
R.T.: 6.722 min
Delta R.T.: 0.004 min
Response: 9708916
Conc: 175.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1254



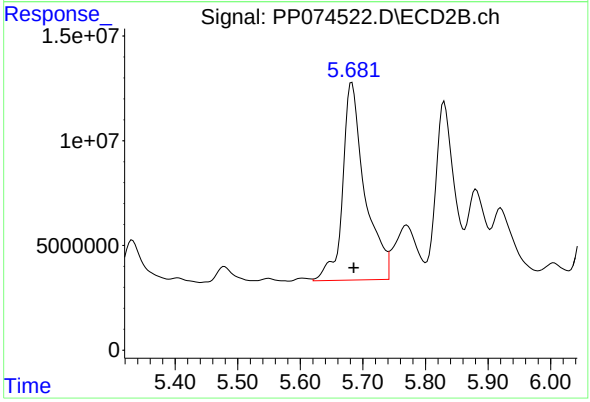
#25 AR-1248-5

R.T.: 5.682 min
Delta R.T.: -0.038 min
Response: 232600192
Conc: 633.23 ng/ml



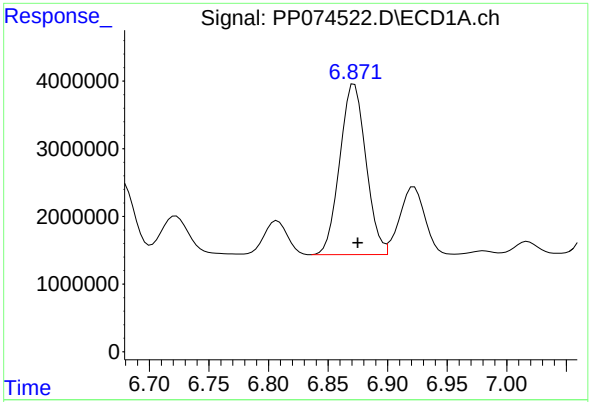
#26 AR-1254-1

R.T.: 6.657 min
Delta R.T.: -0.001 min
Response: 39266544
Conc: 673.88 ng/ml



#26 AR-1254-1

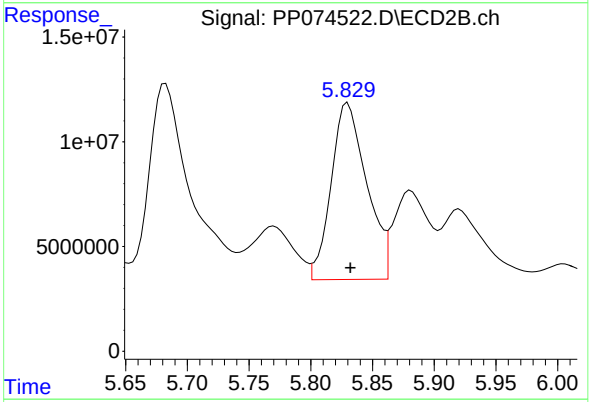
R.T.: 5.682 min
Delta R.T.: -0.003 min
Response: 232600192
Conc: 487.93 ng/ml



#27 AR-1254-2

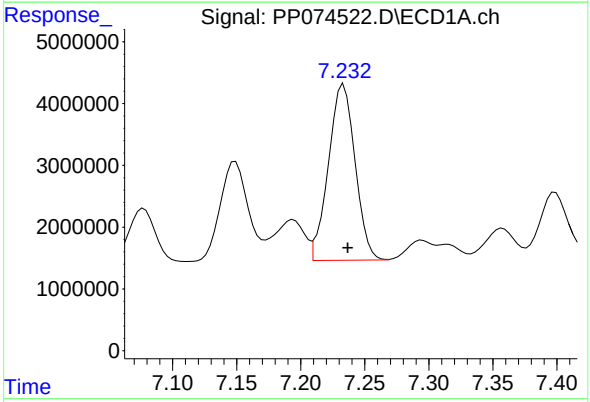
R.T.: 6.872 min
Delta R.T.: -0.003 min
Response: 38555301
Conc: 472.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1254



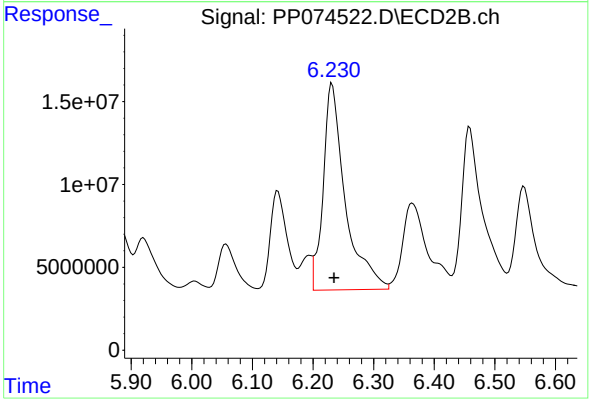
#27 AR-1254-2

R.T.: 5.830 min
Delta R.T.: -0.002 min
Response: 169110333
Conc: 480.25 ng/ml



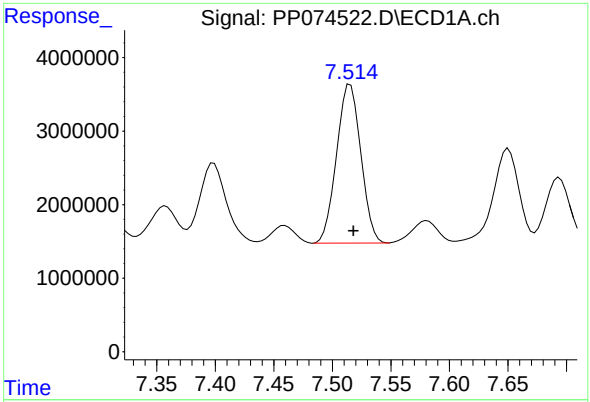
#28 AR-1254-3

R.T.: 7.233 min
Delta R.T.: -0.003 min
Response: 41293274
Conc: 462.90 ng/ml



#28 AR-1254-3

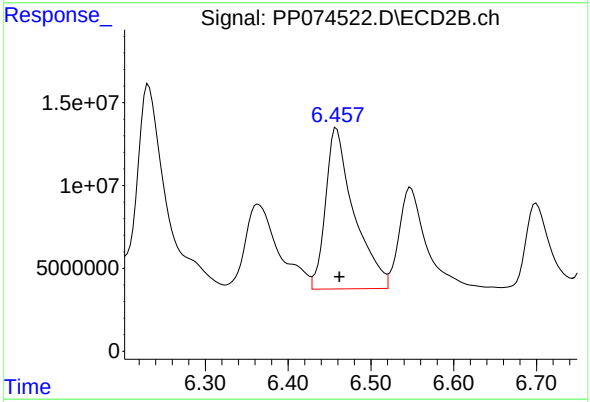
R.T.: 6.231 min
Delta R.T.: -0.003 min
Response: 315259795
Conc: 508.64 ng/ml



#29 AR-1254-4

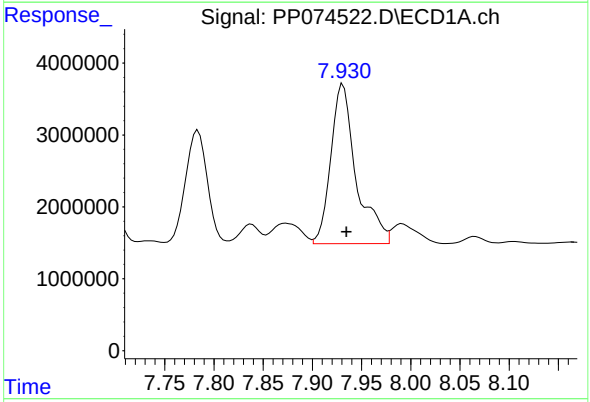
R.T.: 7.515 min
Delta R.T.: -0.003 min
Response: 31170607
Conc: 472.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1254



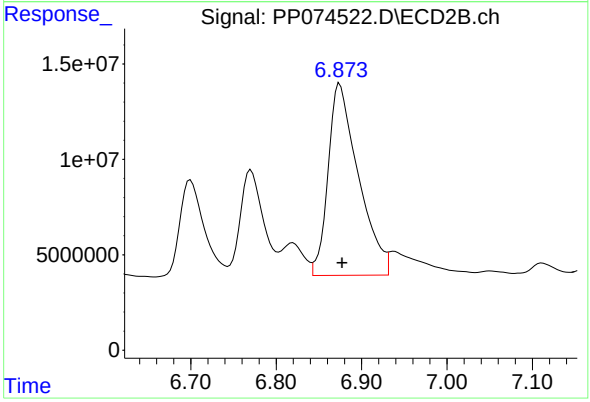
#29 AR-1254-4

R.T.: 6.458 min
Delta R.T.: -0.003 min
Response: 231822957
Conc: 494.69 ng/ml



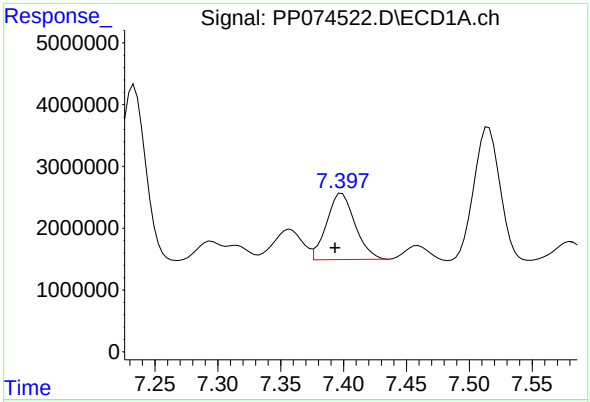
#30 AR-1254-5

R.T.: 7.931 min
Delta R.T.: -0.003 min
Response: 39856792
Conc: 479.71 ng/ml



#30 AR-1254-5

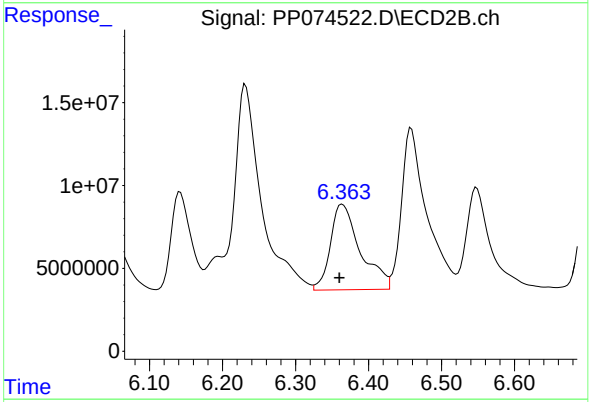
R.T.: 6.875 min
Delta R.T.: -0.002 min
Response: 247897423
Conc: 505.40 ng/ml



#31 AR-1260-1

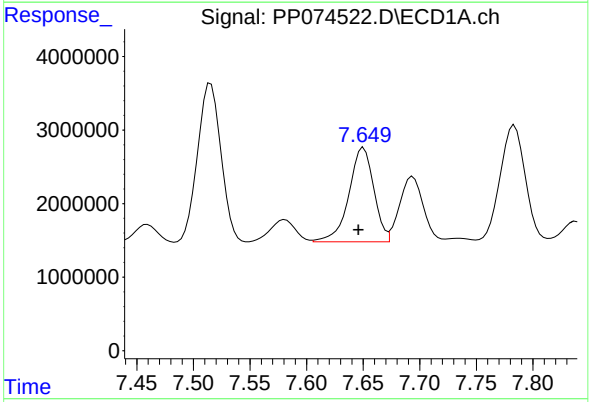
R.T.: 7.399 min
Delta R.T.: 0.005 min
Response: 16874853
Conc: 291.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1254



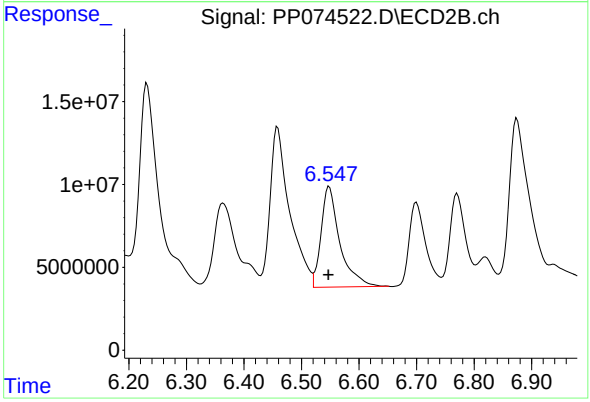
#31 AR-1260-1

R.T.: 6.364 min
Delta R.T.: 0.004 min
Response: 147323268
Conc: 392.63 ng/ml



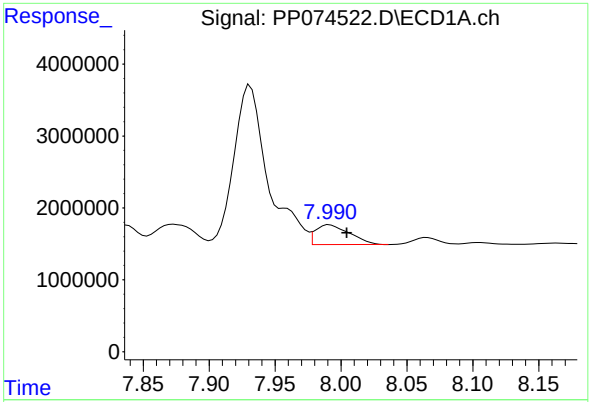
#32 AR-1260-2

R.T.: 7.650 min
Delta R.T.: 0.004 min
Response: 19662272
Conc: 285.30 ng/ml



#32 AR-1260-2

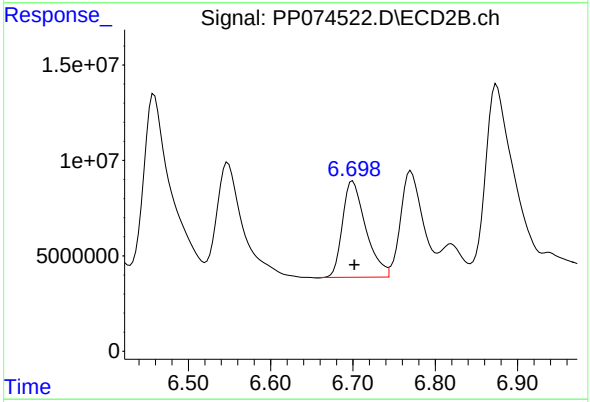
R.T.: 6.548 min
Delta R.T.: 0.001 min
Response: 138266055
Conc: 261.46 ng/ml



#33 AR-1260-3

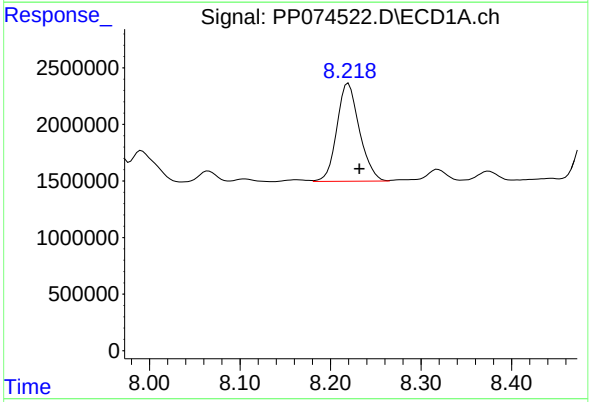
R.T.: 7.991 min
Delta R.T.: -0.013 min
Response: 4976830
Conc: 95.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1254



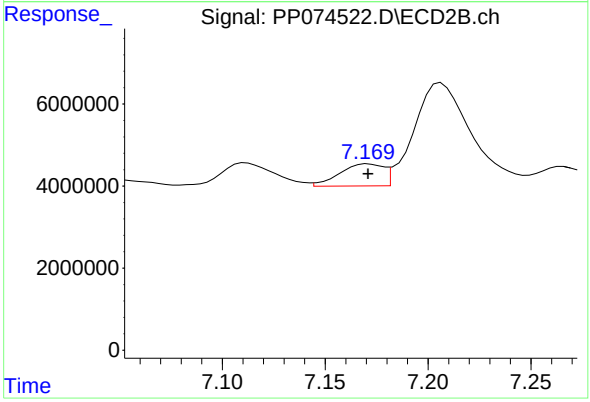
#33 AR-1260-3

R.T.: 6.700 min
Delta R.T.: -0.002 min
Response: 99337094
Conc: 229.42 ng/ml



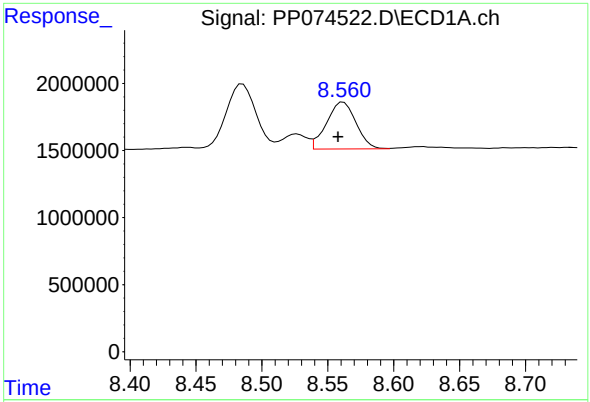
#34 AR-1260-4

R.T.: 8.220 min
Delta R.T.: -0.012 min
Response: 14985236
Conc: 234.90 ng/ml



#34 AR-1260-4

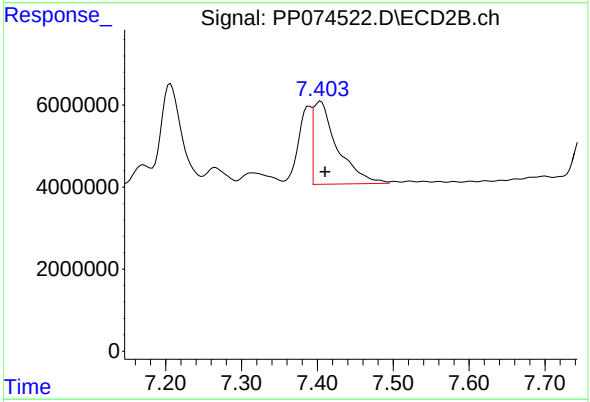
R.T.: 7.171 min
Delta R.T.: 0.000 min
Response: 7985079
Conc: 20.93 ng/ml



#35 AR-1260-5

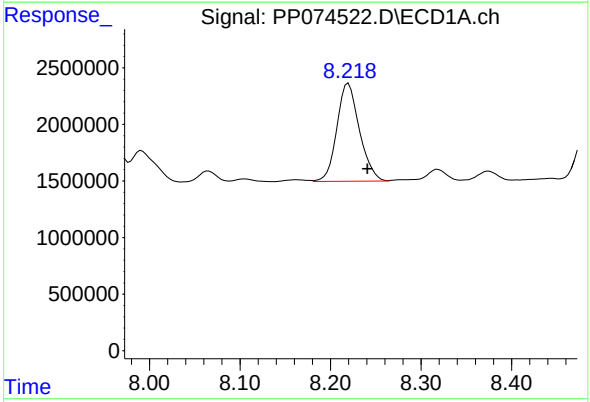
R.T.: 8.562 min
Delta R.T.: 0.004 min
Response: 5440543
Conc: 47.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1254



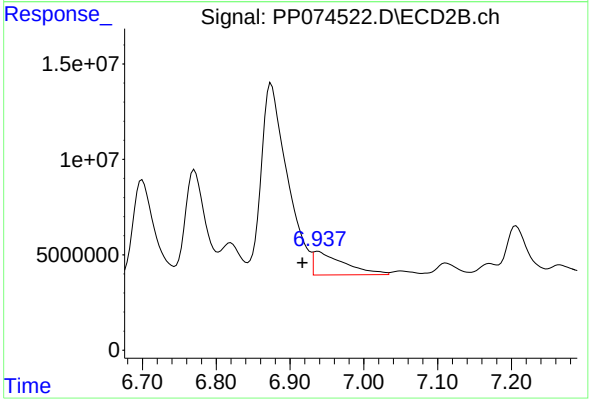
#35 AR-1260-5

R.T.: 7.404 min
Delta R.T.: -0.006 min
Response: 44562227
Conc: 44.36 ng/ml



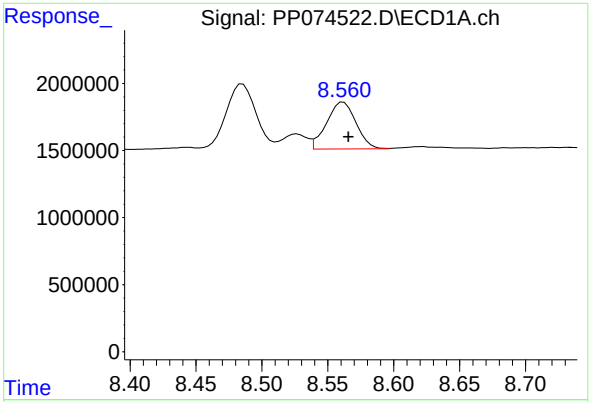
#36 AR-1262-1

R.T.: 8.220 min
Delta R.T.: -0.021 min
Response: 14985236
Conc: 194.57 ng/ml



#36 AR-1262-1

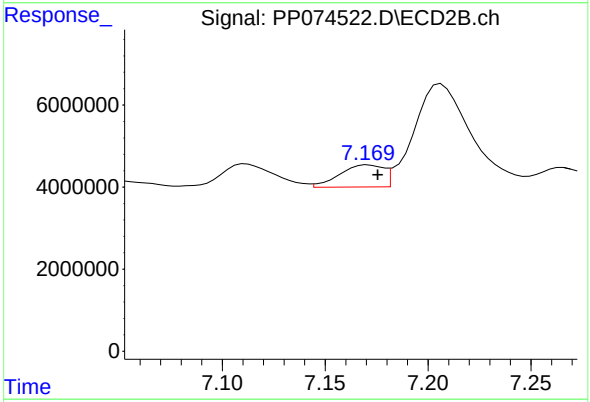
R.T.: 6.938 min
Delta R.T.: 0.021 min
Response: 35500592
Conc: 50.19 ng/ml



#37 AR-1262-2

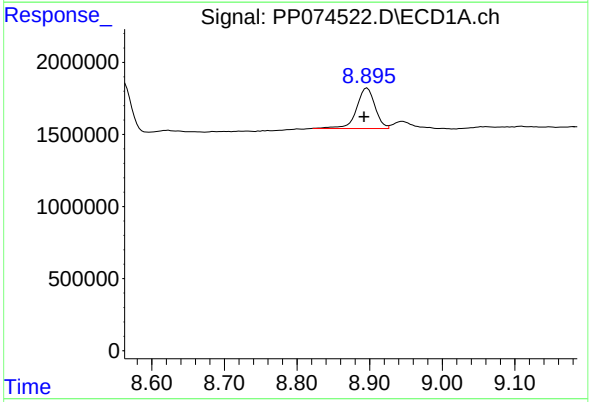
R.T.: 8.562 min
Delta R.T.: -0.004 min
Response: 5440543
Conc: 41.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1254



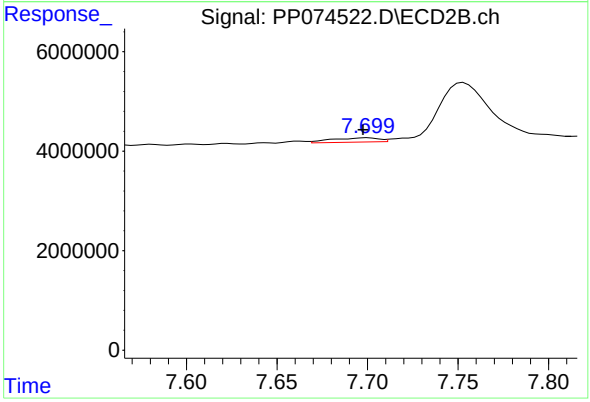
#37 AR-1262-2

R.T.: 7.171 min
Delta R.T.: -0.005 min
Response: 7985079
Conc: 15.33 ng/ml



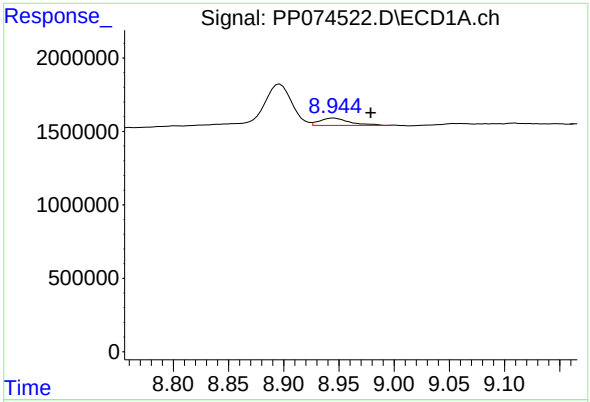
#38 AR-1262-3

R.T.: 8.897 min
Delta R.T.: 0.004 min
Response: 4928010
Conc: 50.69 ng/ml



#38 AR-1262-3

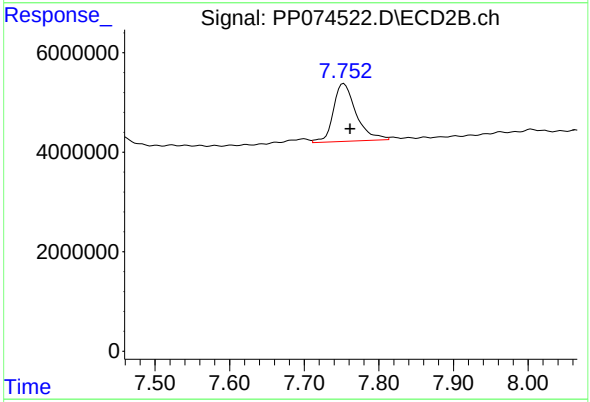
R.T.: 7.700 min
Delta R.T.: 0.003 min
Response: 1583894
Conc: 3.40 ng/ml



#39 AR-1262-4

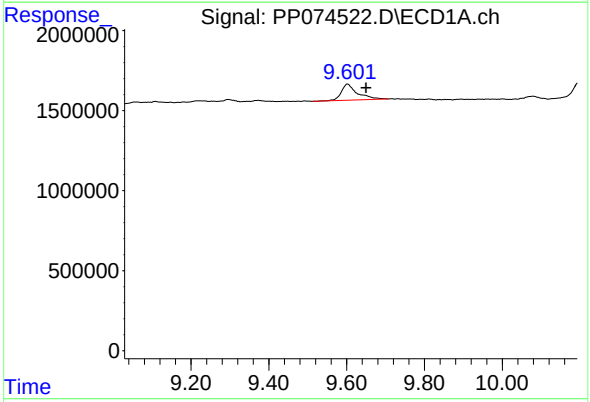
R.T.: 8.945 min
Delta R.T.: -0.033 min
Response: 924526
Conc: 12.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1254



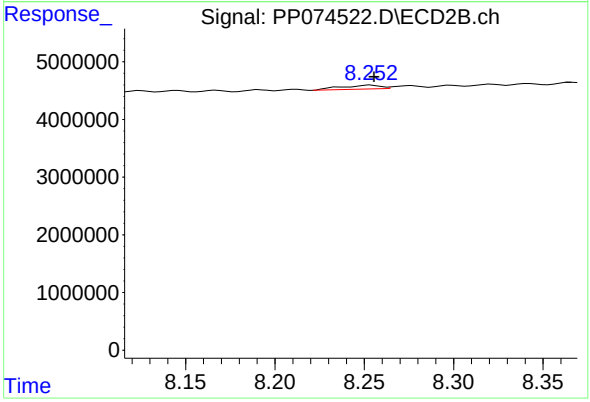
#39 AR-1262-4

R.T.: 7.753 min
Delta R.T.: -0.008 min
Response: 24615396
Conc: 29.95 ng/ml



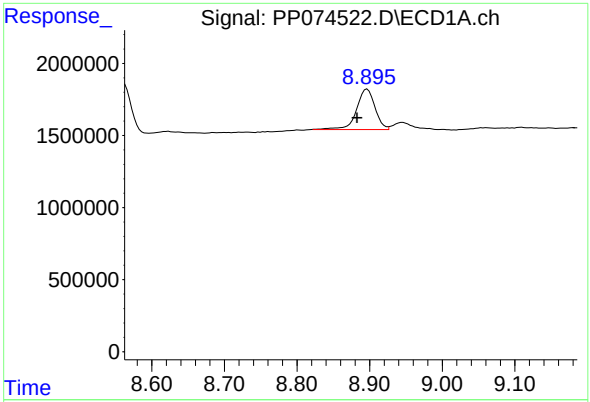
#40 AR-1262-5

R.T.: 9.603 min
Delta R.T.: -0.047 min
Response: 2877554
Conc: 47.21 ng/ml



#40 AR-1262-5

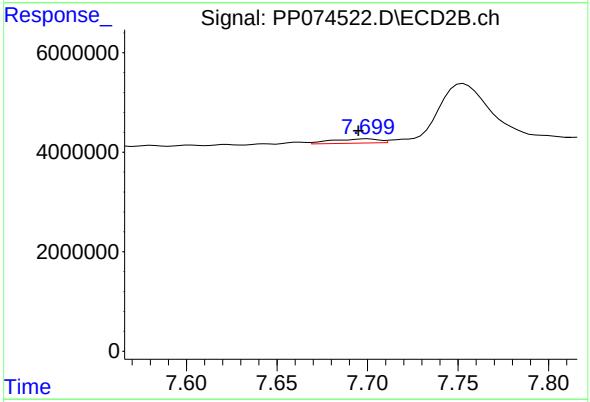
R.T.: 8.254 min
Delta R.T.: -0.002 min
Response: 1035944
Conc: 2.89 ng/ml



#41 AR-1268-1

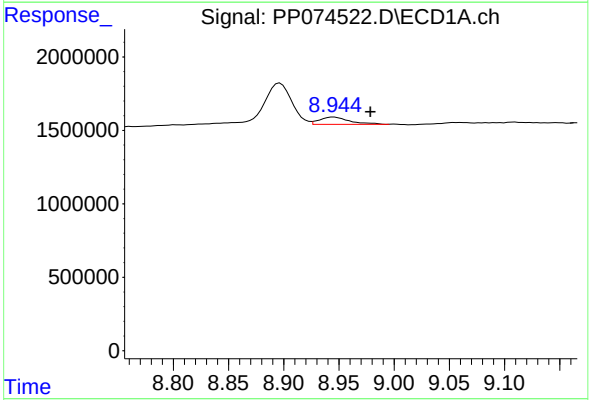
R.T.: 8.897 min
Delta R.T.: 0.014 min
Response: 4928010
Conc: 30.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1254



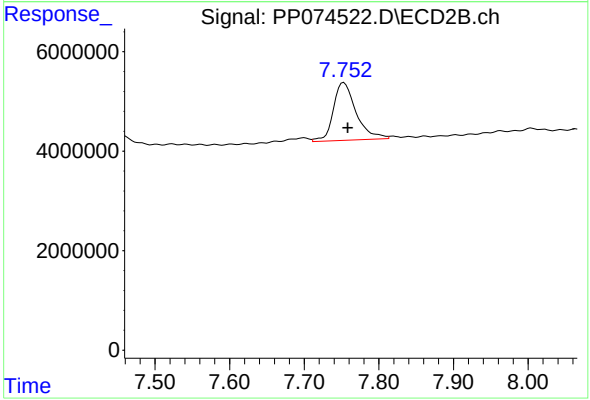
#41 AR-1268-1

R.T.: 7.700 min
Delta R.T.: 0.005 min
Response: 1583894
Conc: 1.12 ng/ml



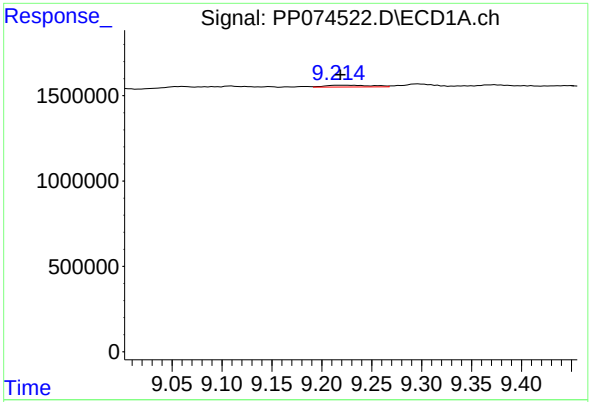
#42 AR-1268-2

R.T.: 8.945 min
Delta R.T.: -0.033 min
Response: 924526
Conc: 6.30 ng/ml



#42 AR-1268-2

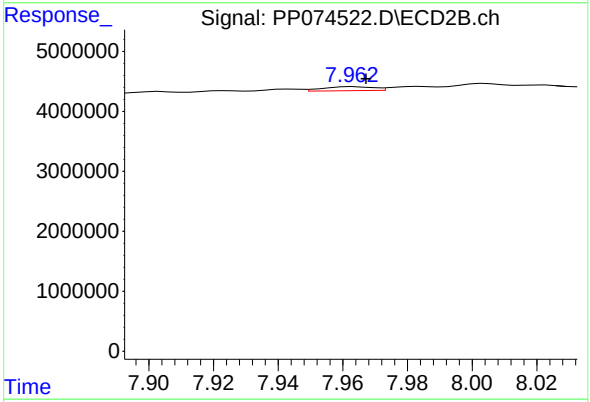
R.T.: 7.753 min
Delta R.T.: -0.005 min
Response: 24615396
Conc: 18.05 ng/ml



#43 AR-1268-3

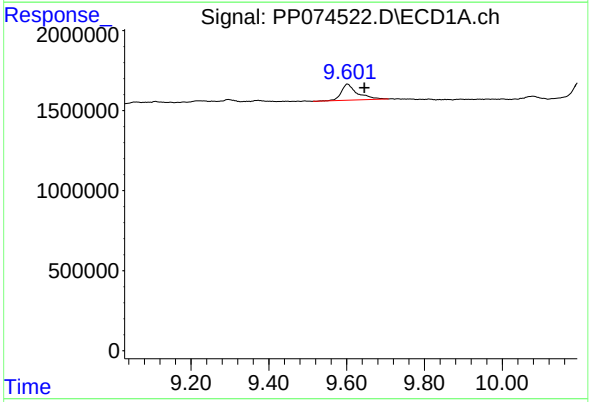
R.T.: 9.216 min
Delta R.T.: -0.002 min
Response: 336103
Conc: 2.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1254



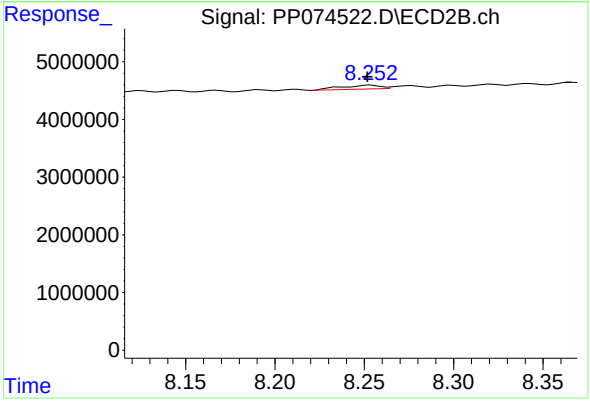
#43 AR-1268-3

R.T.: 7.963 min
Delta R.T.: -0.004 min
Response: 717631
Conc: 0.69 ng/ml



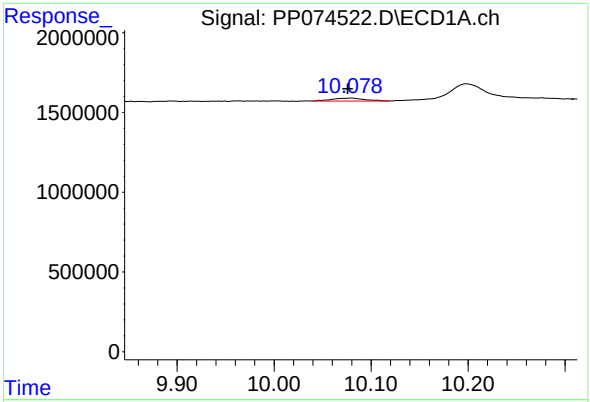
#44 AR-1268-4

R.T.: 9.603 min
Delta R.T.: -0.043 min
Response: 2877554
Conc: 42.78 ng/ml



#44 AR-1268-4

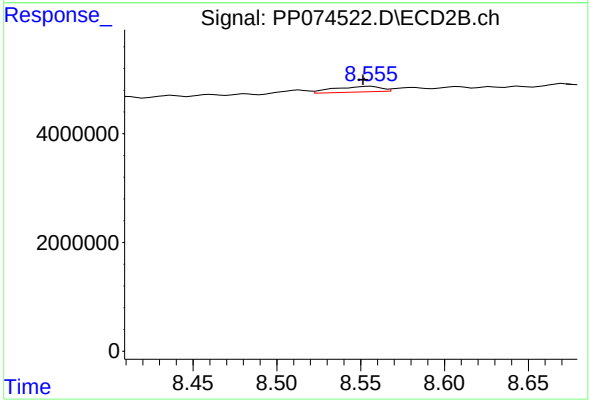
R.T.: 8.254 min
Delta R.T.: 0.002 min
Response: 1035944
Conc: 2.70 ng/ml



#45 AR-1268-5

R.T.: 10.080 min
Delta R.T.: 0.004 min
Response: 430496
Conc: 1.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1254



#45 AR-1268-5

R.T.: 8.556 min
Delta R.T.: 0.004 min
Response: 2014167
Conc: 0.64 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074886.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 08:40
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: Sep 05 23:33:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.654	3.795	65113072	295.9E6	53.210	61.193	
2)	SA Decachlor...	10.433	8.806	55383628	419.5E6	56.084	55.944	
	Target Compounds							
3)	L1 AR-1016-1	5.806	4.893	22460820	283.1E6	509.444	555.765	
4)	L1 AR-1016-2	5.827	4.952	33313652	135.3E6	530.121	568.339	
5)	L1 AR-1016-3	5.890	5.072	21487838	74454459	478.423	539.902	
6)	L1 AR-1016-4	5.988	5.112	17894407	73849165	508.627	528.236	
7)	L1 AR-1016-5	6.280	5.327	17540594	79023130	528.553	475.804	
8)	L2 AR-1221-1	4.849	4.007	2651382	9148719	150.708	147.876	
9)	L2 AR-1221-2	4.940	4.091	3988926	12583198	298.635	278.315	
10)	L2 AR-1221-3	5.015	4.168	13526385	56009822	356.777	340.912	
11)	L3 AR-1232-1	5.015	4.168	13526385	56009822	445.329	437.251	
12)	L3 AR-1232-2	5.541	4.893	17183818	283.1E6	1090.466	1221.265	
13)	L3 AR-1232-3	5.827	5.072	33313652	74454459	1090.688	1239.673	
14)	L3 AR-1232-4	5.988	5.155	17894407	135.0E6	1036.199	1831.554	#
15)	L3 AR-1232-5	6.077	5.327	15749505	79023130	1213.278	1272.846	
16)	L4 AR-1242-1	5.806	4.893	22460820	283.1E6	586.824	671.201	
17)	L4 AR-1242-2	5.827	4.952	33313652	135.3E6	589.810	675.413	
18)	L4 AR-1242-3	5.890	5.072	21487838	74454459	529.219	629.379	
19)	L4 AR-1242-4	5.988	5.155	17894407	135.0E6	563.748	788.733	#
20)	L4 AR-1242-5	6.717	5.677	6297832	131.1E6	174.597	707.851	#
21)	L5 AR-1248-1	5.806	4.893	22460820	283.1E6	743.145	1025.125	#
22)	L5 AR-1248-2	6.077	5.112	15749505	73849165	365.451	417.804	
23)	L5 AR-1248-3	6.280	5.155	17540594	135.0E6	375.573	594.177	#
24)	L5 AR-1248-4	6.654	5.327	22572990	79023130	410.412	362.456	
25)	L5 AR-1248-5	6.717	5.761f	6297832	25684981	113.535	69.925	#
26)	L6 AR-1254-1	6.654	5.677	22572990	131.1E6	387.390	274.944	#
27)	L6 AR-1254-2	6.870	5.823	14280218	73957939	174.968	210.029	
28)	L6 AR-1254-3	7.231	6.240	9901226	159.6E6	110.992	257.571	#
29)	L6 AR-1254-4	7.515	6.452	5791142	14661142	87.860	31.285	#
30)	L6 AR-1254-5	7.929	6.868	45041502	197.0E6	542.114	401.629	#
31)	L7 AR-1260-1	7.397	6.357	28353542	190.8E6	490.465	508.560	
32)	L7 AR-1260-2	7.650	6.542	33466693	264.2E6	485.605	499.680	
33)	L7 AR-1260-3	8.008	6.696	26820361	195.1E6	516.917	450.488	
34)	L7 AR-1260-4	8.236	7.166	31685900	186.9E6	496.701	489.815	
35)	L7 AR-1260-5	8.562	7.405	54055544	475.9E6	476.629	473.774	
36)	L8 AR-1262-1	8.236	6.905	31685900	262.9E6	411.420	371.722	
37)	L8 AR-1262-2	8.562	7.166	54055544	186.9E6	408.335	358.837	
38)	L8 AR-1262-3	8.893	7.688	37013911	104.5E6	380.753	224.009	#
39)	L8 AR-1262-4	8.973	7.751	24940988	317.6E6	331.088	386.459	
40)	L8 AR-1262-5	9.646	8.246	17879396	109.3E6	293.315	305.164	
41)	L9 AR-1268-1	8.893	7.688	37013911	104.5E6	228.426	74.055	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074886.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 08:40
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: Sep 05 23:33:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.973	7.751	24940988	317.6E6	169.970	232.954 #
43) L9	AR-1268-3	9.220	7.957	959909	5137681	7.767	4.925 #
44) L9	AR-1268-4	9.646	8.246	17879396	109.3E6	265.814	285.420
45) L9	AR-1268-5	10.076	8.543	5177067	26786431	13.986	8.541 #

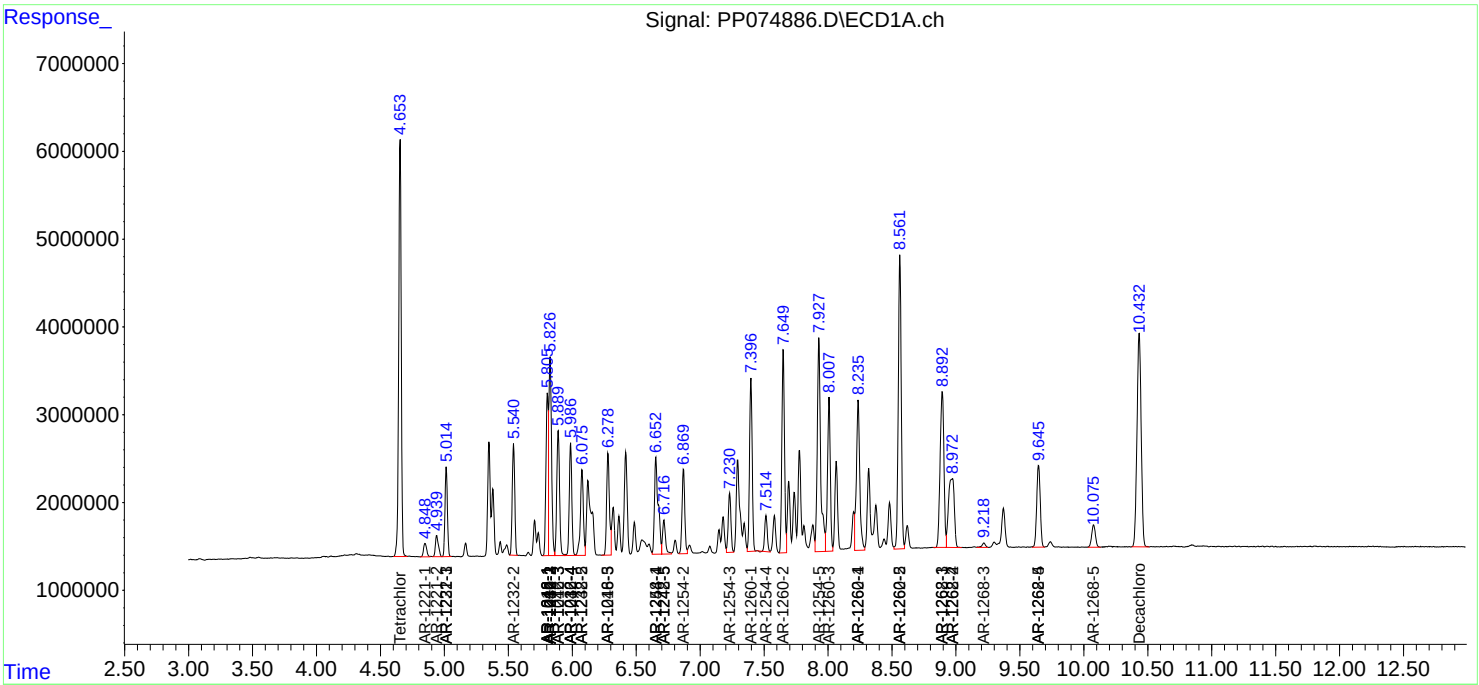
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

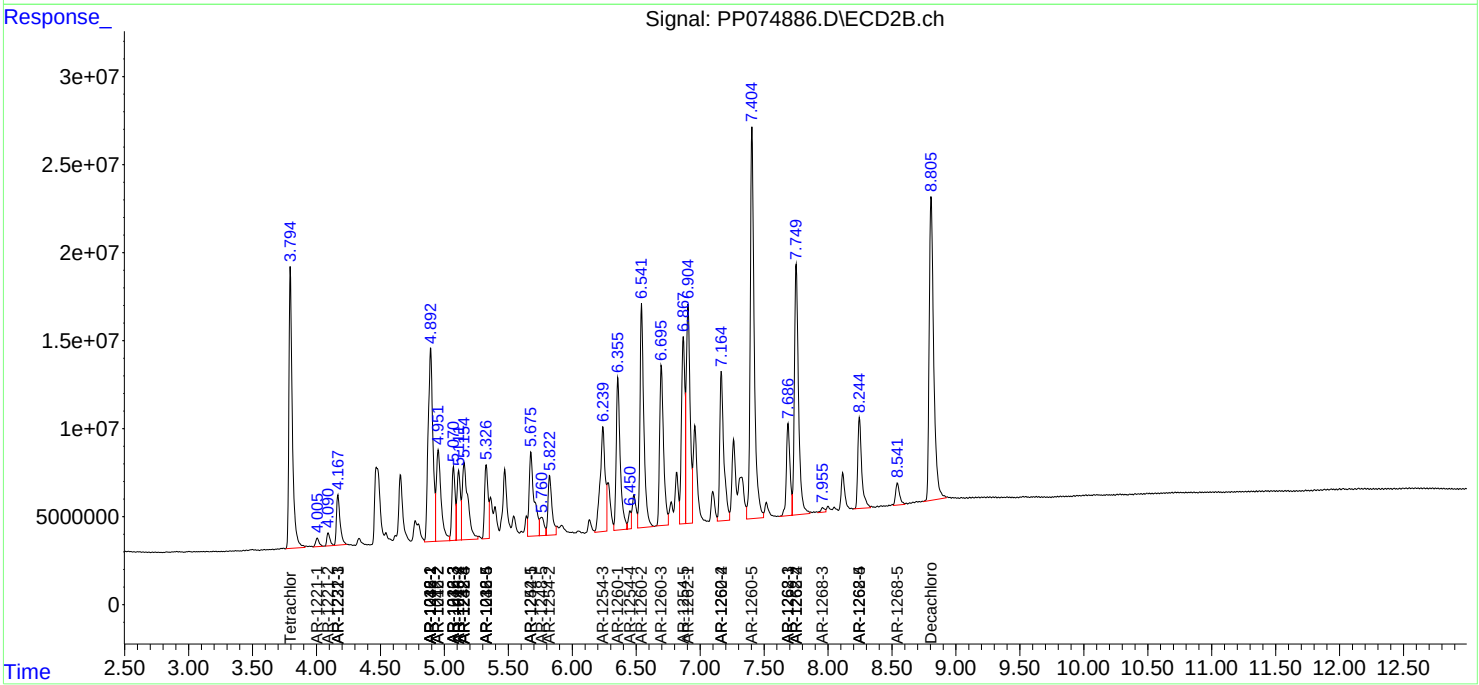
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074886.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 08:40
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

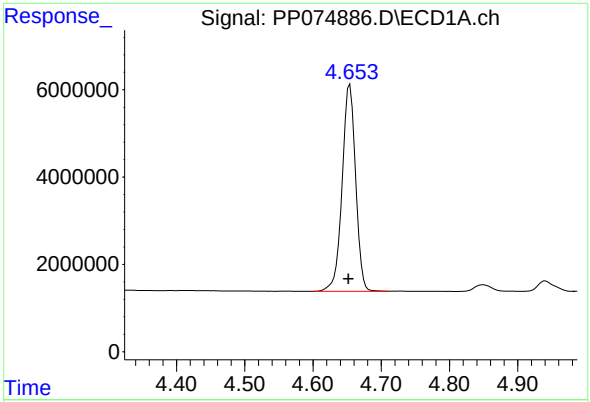
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:33:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



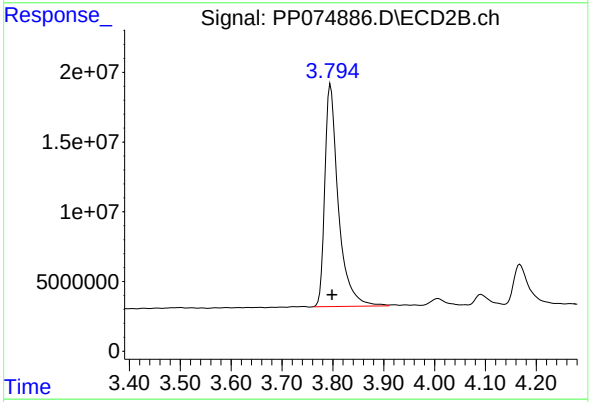




#1 Tetrachloro-m-xylene

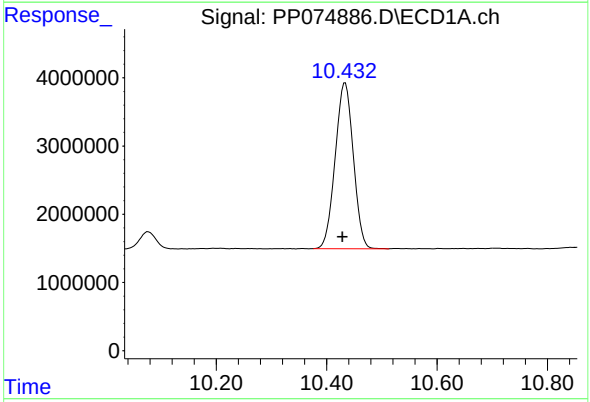
R.T.: 4.654 min
Delta R.T.: 0.002 min
Response: 65113072
Conc: 53.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



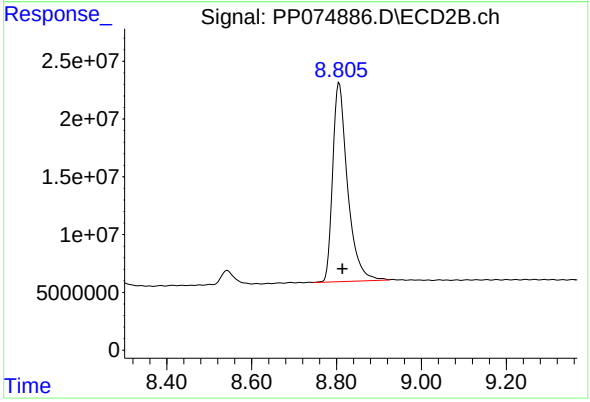
#1 Tetrachloro-m-xylene

R.T.: 3.795 min
Delta R.T.: -0.003 min
Response: 295894567
Conc: 61.19 ng/ml



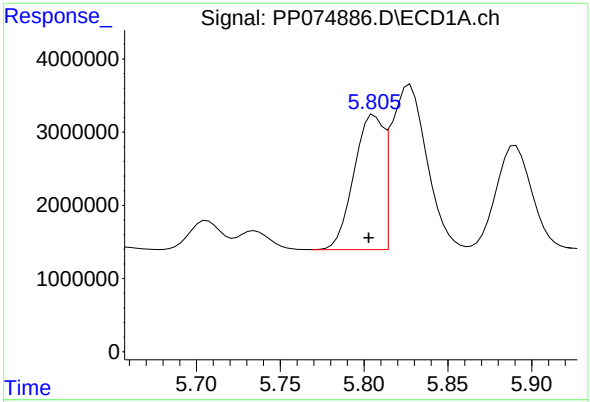
#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.005 min
Response: 55383628
Conc: 56.08 ng/ml



#2 Decachlorobiphenyl

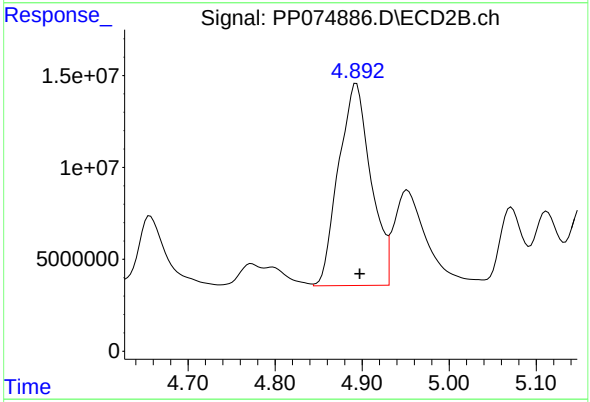
R.T.: 8.806 min
Delta R.T.: -0.008 min
Response: 419535021
Conc: 55.94 ng/ml



#3 AR-1016-1

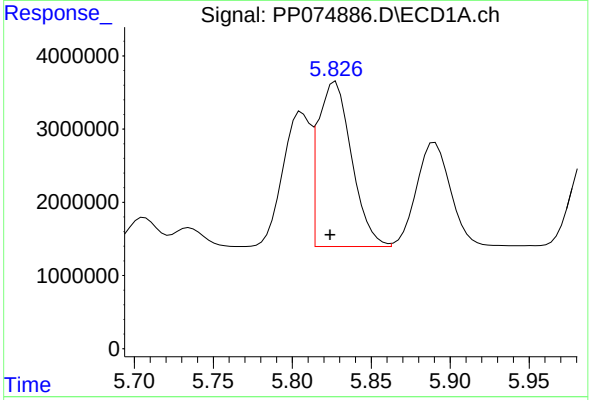
R.T.: 5.806 min
Delta R.T.: 0.003 min
Response: 22460820
Conc: 509.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



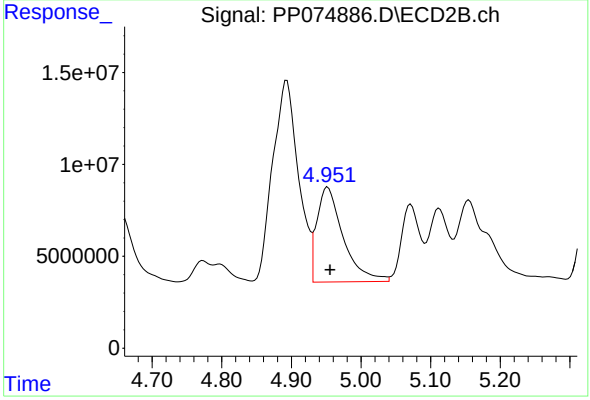
#3 AR-1016-1

R.T.: 4.893 min
Delta R.T.: -0.004 min
Response: 283081035
Conc: 555.77 ng/ml



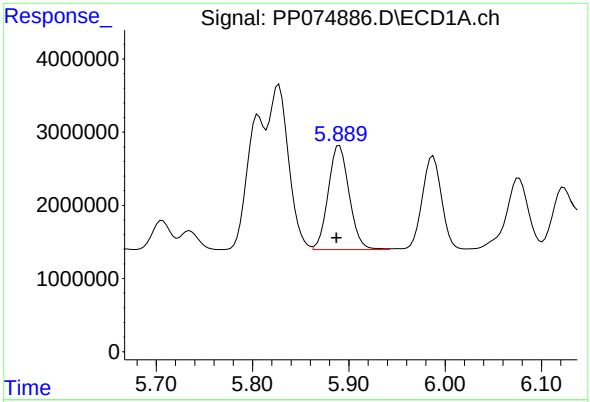
#4 AR-1016-2

R.T.: 5.827 min
Delta R.T.: 0.003 min
Response: 33313652
Conc: 530.12 ng/ml



#4 AR-1016-2

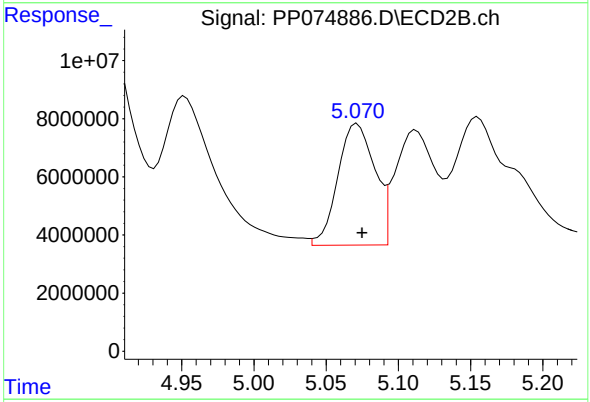
R.T.: 4.952 min
Delta R.T.: -0.003 min
Response: 135273524
Conc: 568.34 ng/ml



#5 AR-1016-3

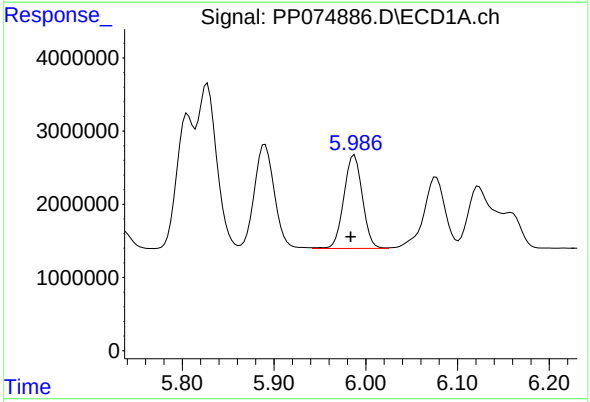
R.T.: 5.890 min
Delta R.T.: 0.003 min
Response: 21487838
Conc: 478.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



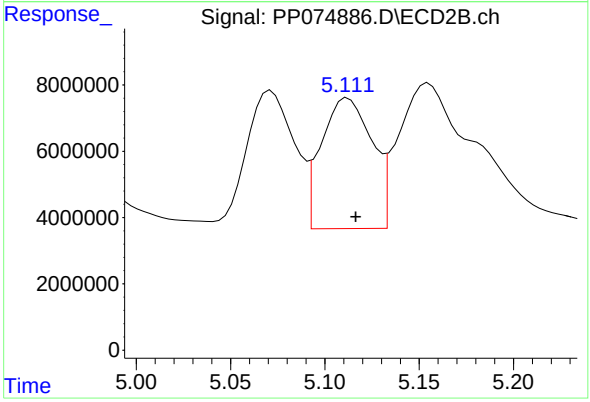
#5 AR-1016-3

R.T.: 5.072 min
Delta R.T.: -0.003 min
Response: 74454459
Conc: 539.90 ng/ml



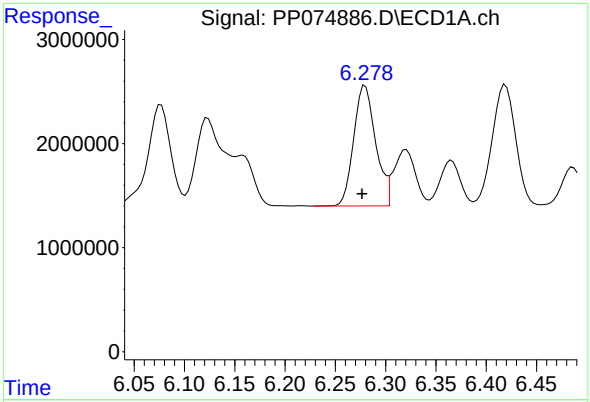
#6 AR-1016-4

R.T.: 5.988 min
Delta R.T.: 0.004 min
Response: 17894407
Conc: 508.63 ng/ml



#6 AR-1016-4

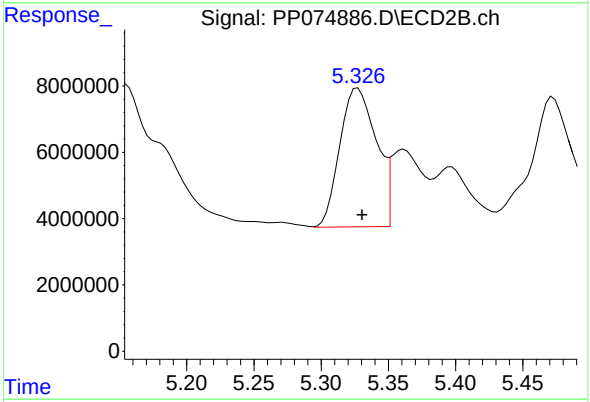
R.T.: 5.112 min
Delta R.T.: -0.004 min
Response: 73849165
Conc: 528.24 ng/ml



#7 AR-1016-5

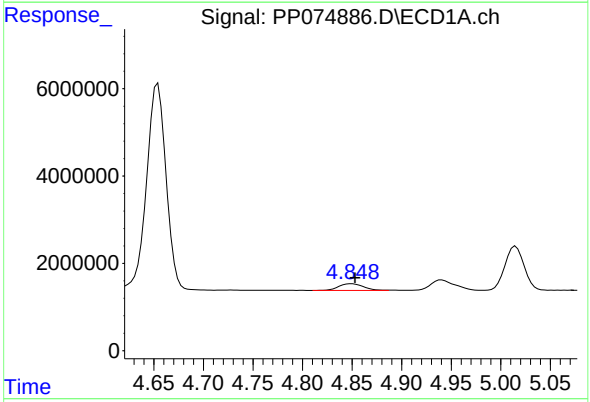
R.T.: 6.280 min
Delta R.T.: 0.003 min
Response: 17540594
Conc: 528.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



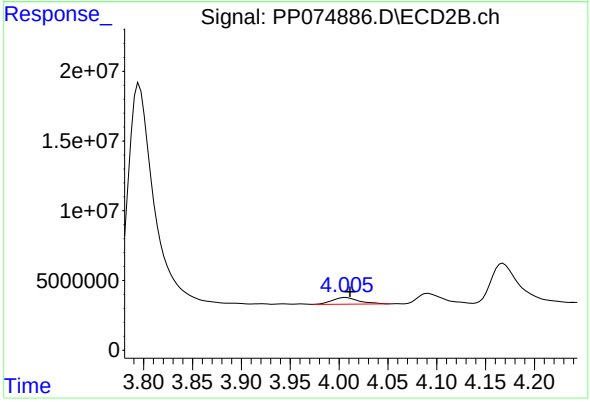
#7 AR-1016-5

R.T.: 5.327 min
Delta R.T.: -0.003 min
Response: 79023130
Conc: 475.80 ng/ml



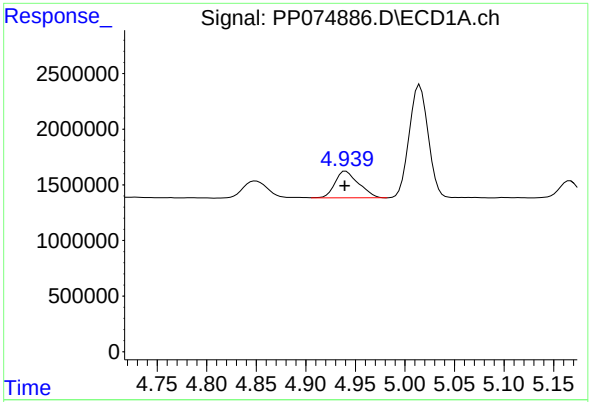
#8 AR-1221-1

R.T.: 4.849 min
Delta R.T.: -0.004 min
Response: 2651382
Conc: 150.71 ng/ml



#8 AR-1221-1

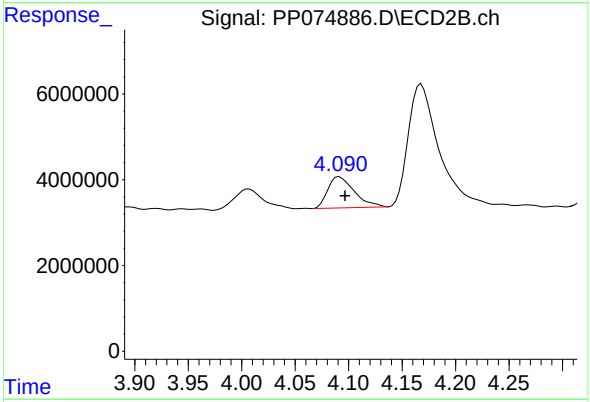
R.T.: 4.007 min
Delta R.T.: -0.005 min
Response: 9148719
Conc: 147.88 ng/ml



#9 AR-1221-2

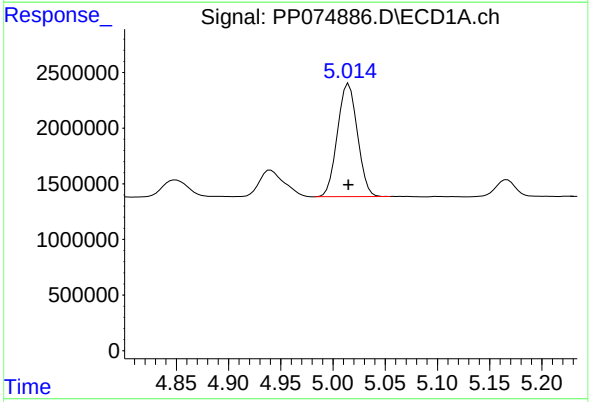
R.T.: 4.940 min
Delta R.T.: 0.001 min
Response: 3988926
Conc: 298.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



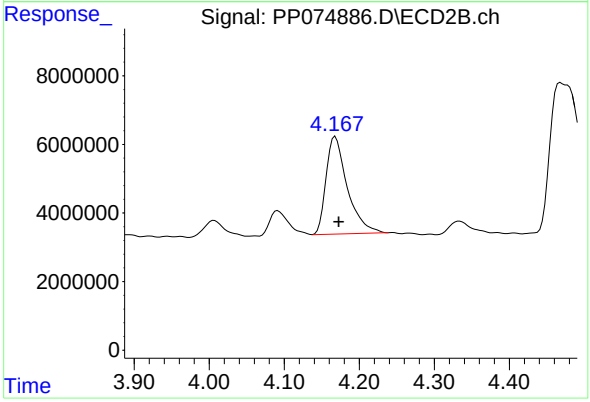
#9 AR-1221-2

R.T.: 4.091 min
Delta R.T.: -0.005 min
Response: 12583198
Conc: 278.31 ng/ml



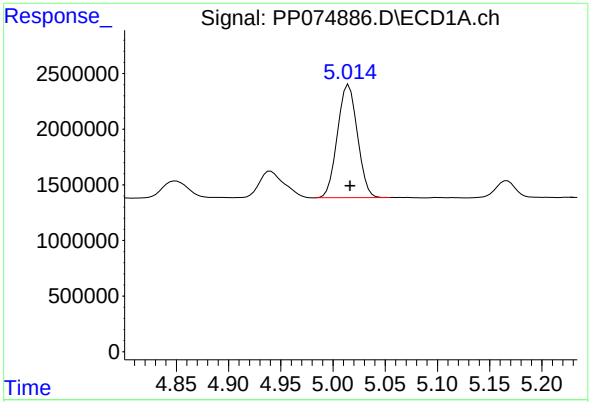
#10 AR-1221-3

R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 13526385
Conc: 356.78 ng/ml



#10 AR-1221-3

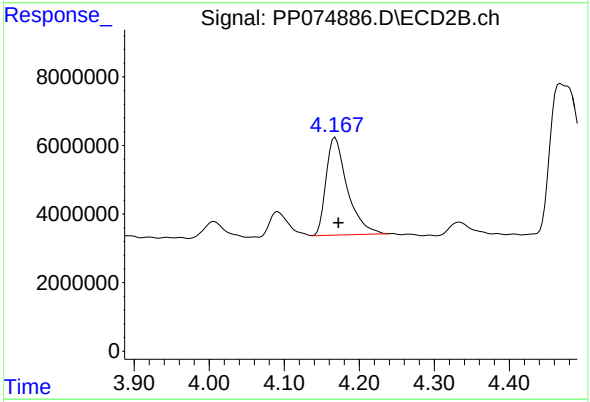
R.T.: 4.168 min
Delta R.T.: -0.005 min
Response: 56009822
Conc: 340.91 ng/ml



#11 AR-1232-1

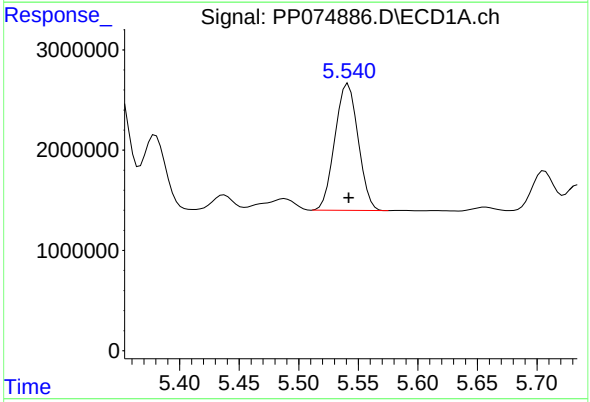
R.T.: 5.015 min
Delta R.T.: -0.001 min
Response: 13526385
Conc: 445.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



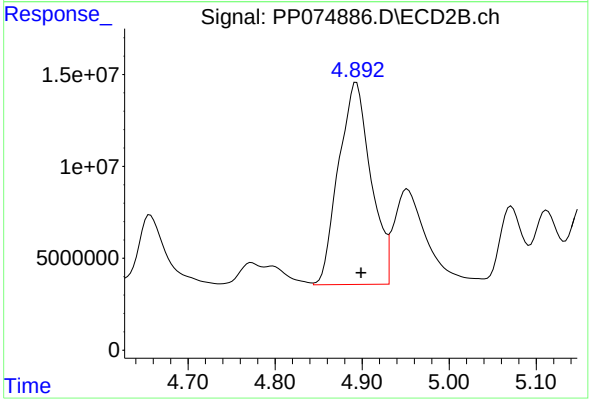
#11 AR-1232-1

R.T.: 4.168 min
Delta R.T.: -0.004 min
Response: 56009822
Conc: 437.25 ng/ml



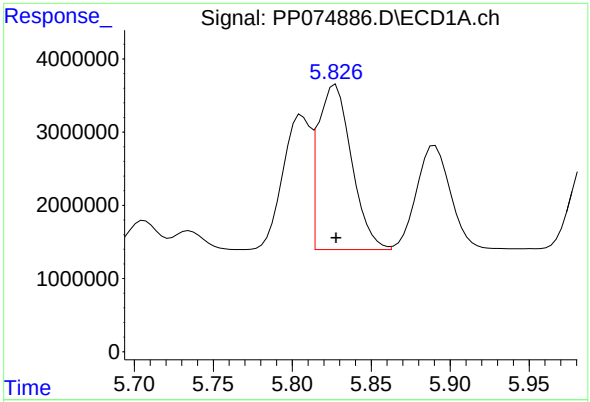
#12 AR-1232-2

R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 17183818
Conc: 1090.47 ng/ml



#12 AR-1232-2

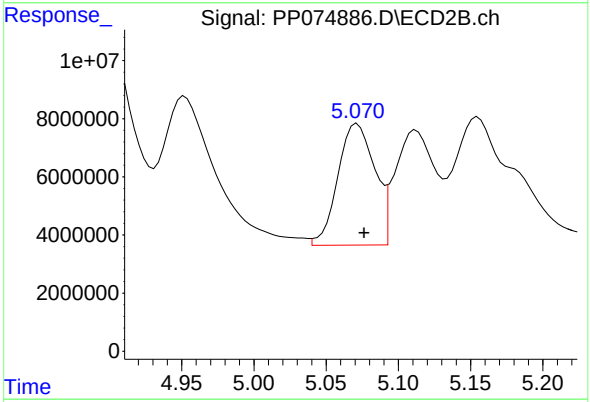
R.T.: 4.893 min
Delta R.T.: -0.005 min
Response: 283081035
Conc: 1221.26 ng/ml



#13 AR-1232-3

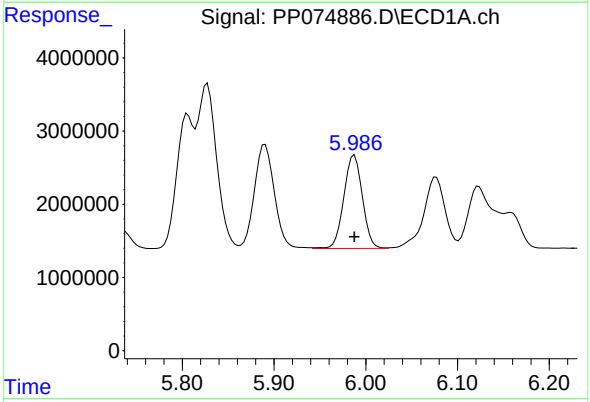
R.T.: 5.827 min
Delta R.T.: 0.000 min
Response: 33313652
Conc: 1090.69 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



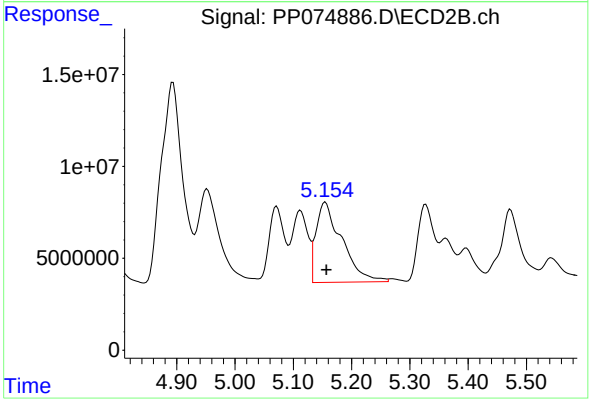
#13 AR-1232-3

R.T.: 5.072 min
Delta R.T.: -0.005 min
Response: 74454459
Conc: 1239.67 ng/ml



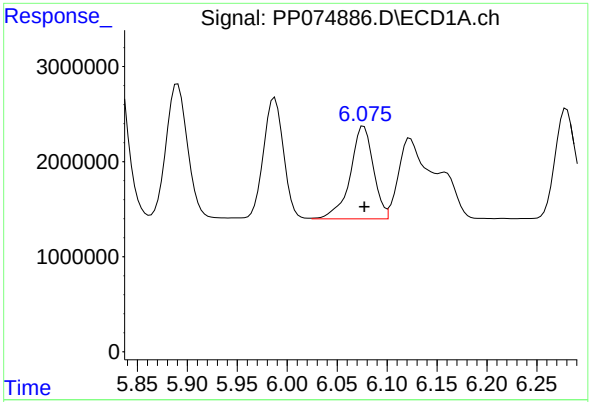
#14 AR-1232-4

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 17894407
Conc: 1036.20 ng/ml



#14 AR-1232-4

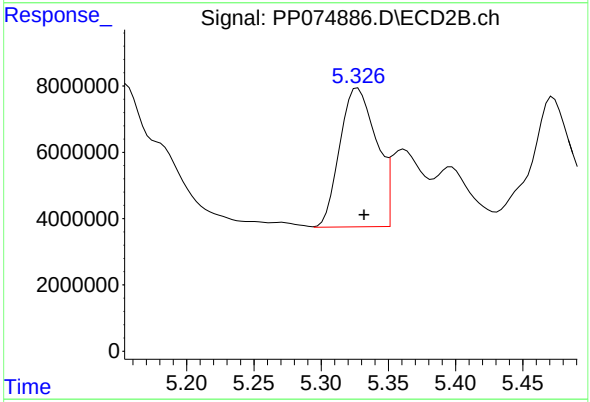
R.T.: 5.155 min
Delta R.T.: -0.002 min
Response: 134999079
Conc: 1831.55 ng/ml



#15 AR-1232-5

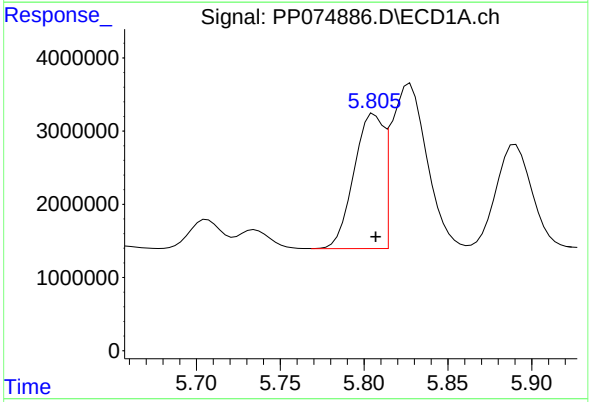
R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 15749505
Conc: 1213.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



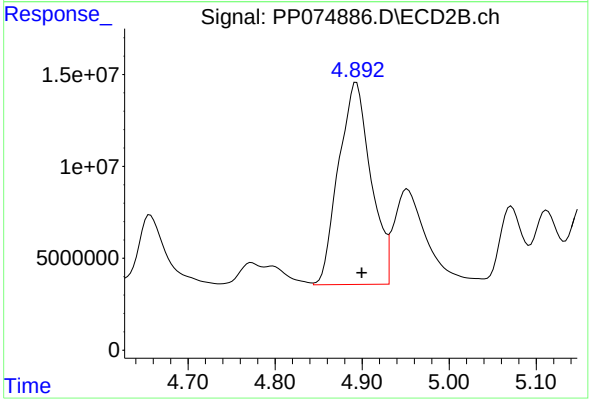
#15 AR-1232-5

R.T.: 5.327 min
Delta R.T.: -0.005 min
Response: 79023130
Conc: 1272.85 ng/ml



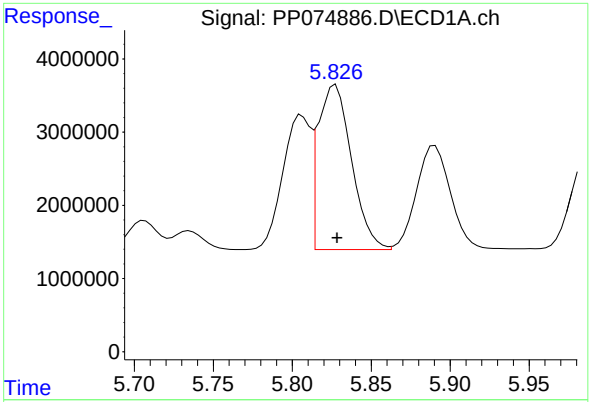
#16 AR-1242-1

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 22460820
Conc: 586.82 ng/ml



#16 AR-1242-1

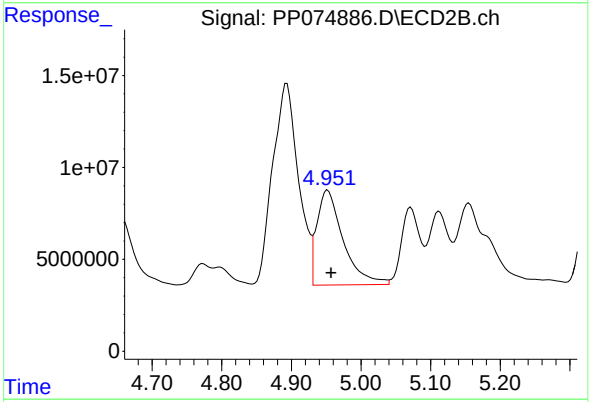
R.T.: 4.893 min
Delta R.T.: -0.006 min
Response: 283081035
Conc: 671.20 ng/ml



#17 AR-1242-2

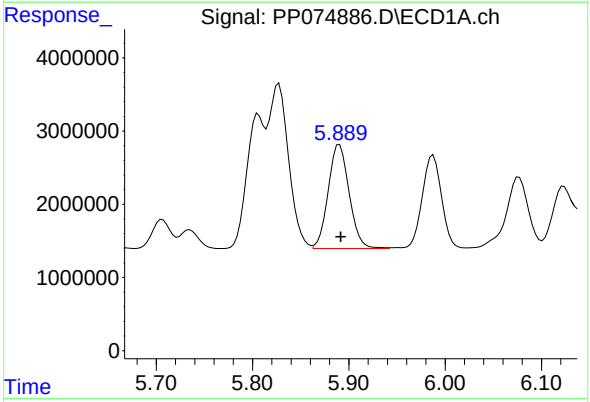
R.T.: 5.827 min
Delta R.T.: -0.001 min
Response: 33313652
Conc: 589.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



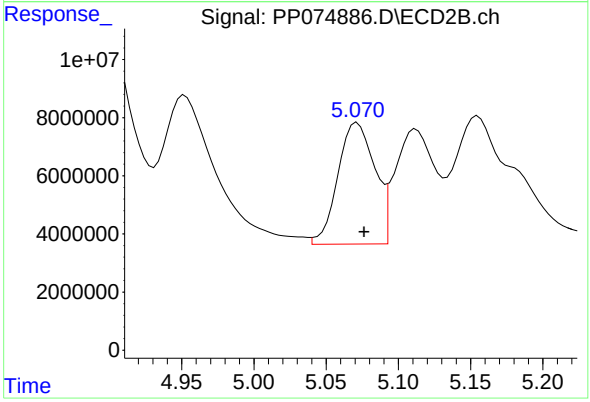
#17 AR-1242-2

R.T.: 4.952 min
Delta R.T.: -0.005 min
Response: 135273524
Conc: 675.41 ng/ml



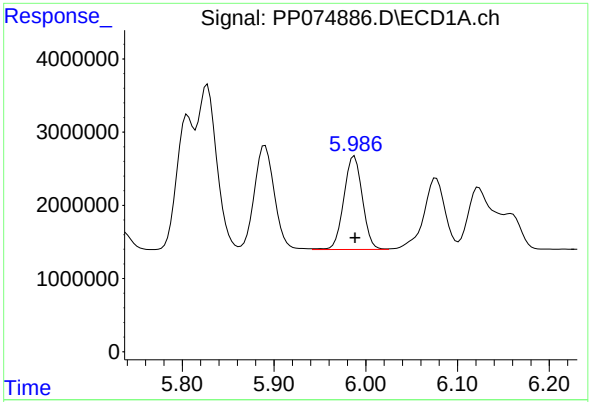
#18 AR-1242-3

R.T.: 5.890 min
Delta R.T.: -0.001 min
Response: 21487838
Conc: 529.22 ng/ml



#18 AR-1242-3

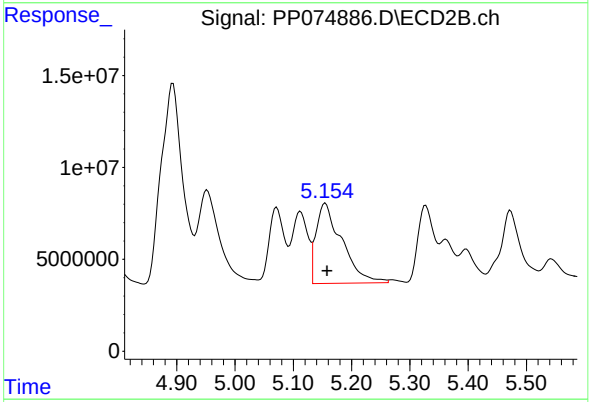
R.T.: 5.072 min
Delta R.T.: -0.005 min
Response: 74454459
Conc: 629.38 ng/ml



#19 AR-1242-4

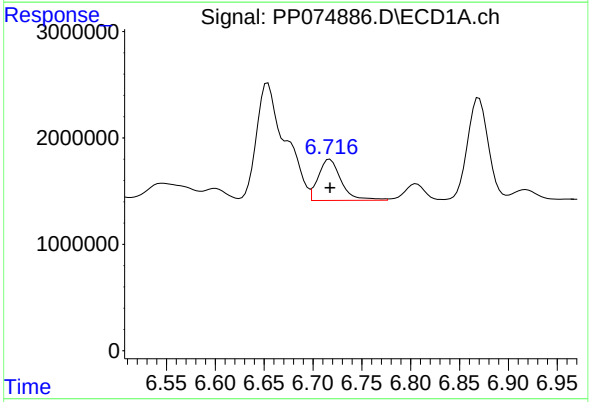
R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 17894407
Conc: 563.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



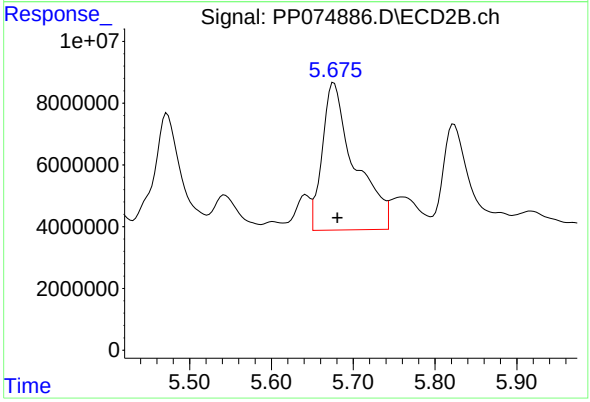
#19 AR-1242-4

R.T.: 5.155 min
Delta R.T.: -0.003 min
Response: 134999079
Conc: 788.73 ng/ml



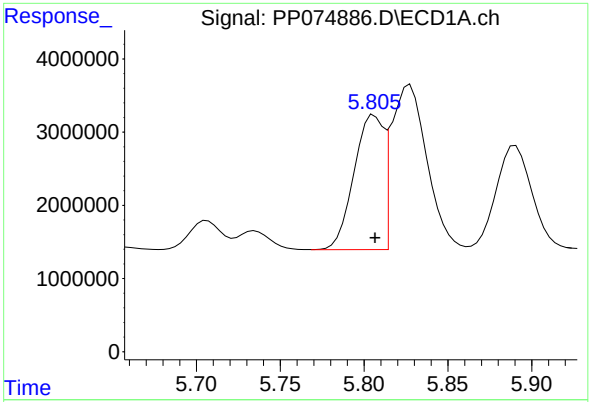
#20 AR-1242-5

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 6297832
Conc: 174.60 ng/ml



#20 AR-1242-5

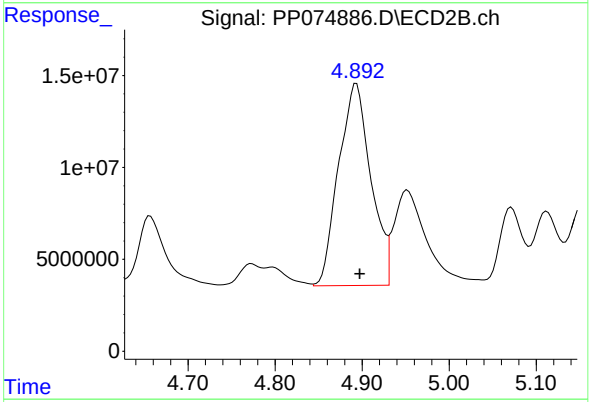
R.T.: 5.677 min
Delta R.T.: -0.004 min
Response: 131068685
Conc: 707.85 ng/ml



#21 AR-1248-1

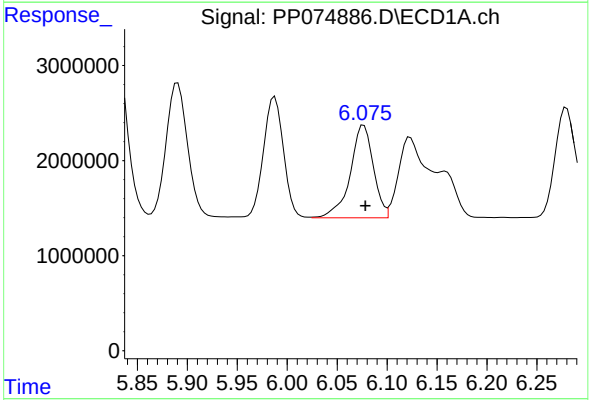
R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 22460820
Conc: 743.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



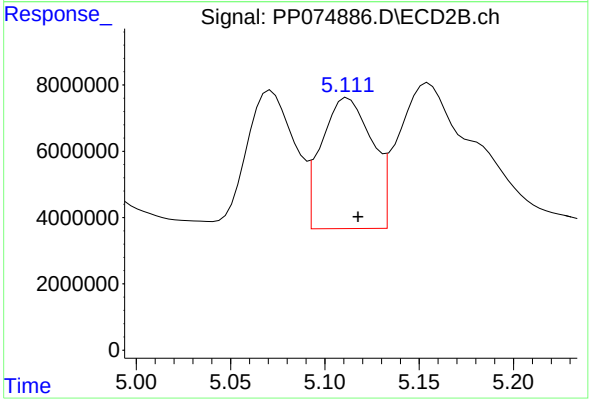
#21 AR-1248-1

R.T.: 4.893 min
Delta R.T.: -0.004 min
Response: 283081035
Conc: 1025.13 ng/ml



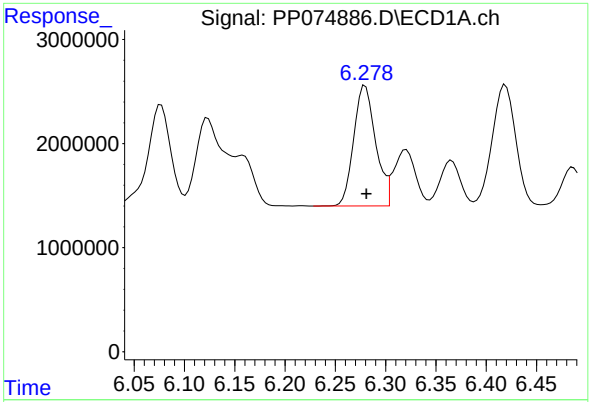
#22 AR-1248-2

R.T.: 6.077 min
Delta R.T.: -0.002 min
Response: 15749505
Conc: 365.45 ng/ml



#22 AR-1248-2

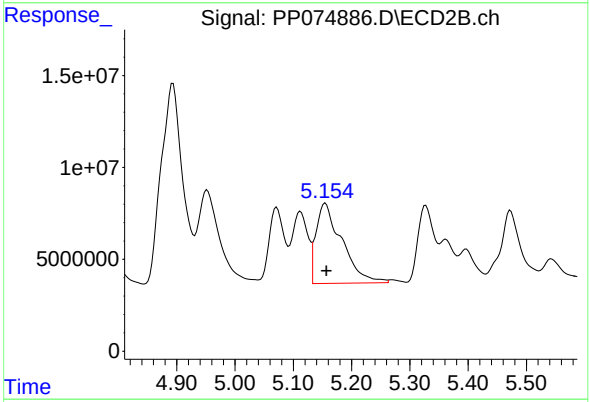
R.T.: 5.112 min
Delta R.T.: -0.005 min
Response: 73849165
Conc: 417.80 ng/ml



#23 AR-1248-3

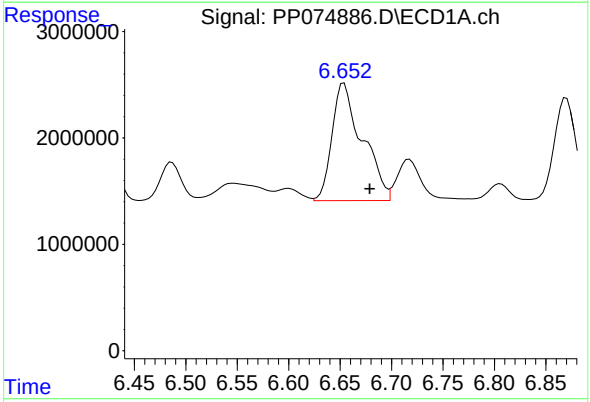
R.T.: 6.280 min
Delta R.T.: -0.001 min
Response: 17540594
Conc: 375.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



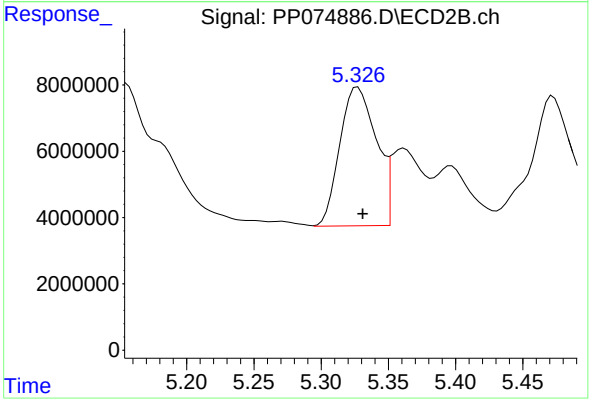
#23 AR-1248-3

R.T.: 5.155 min
Delta R.T.: -0.002 min
Response: 134999079
Conc: 594.18 ng/ml



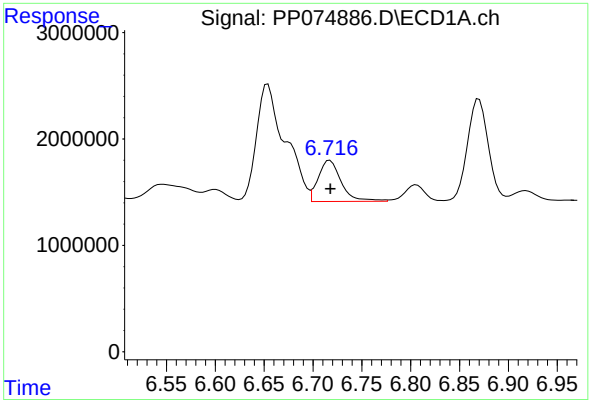
#24 AR-1248-4

R.T.: 6.654 min
Delta R.T.: -0.025 min
Response: 22572990
Conc: 410.41 ng/ml



#24 AR-1248-4

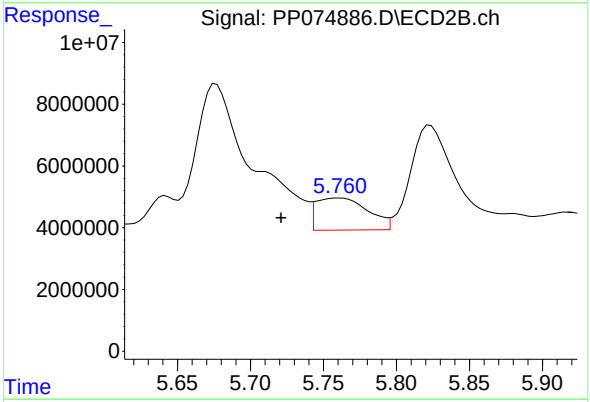
R.T.: 5.327 min
Delta R.T.: -0.004 min
Response: 79023130
Conc: 362.46 ng/ml



#25 AR-1248-5

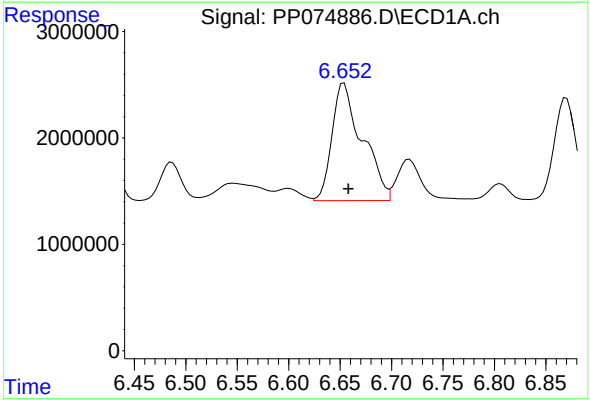
R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 6297832
Conc: 113.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



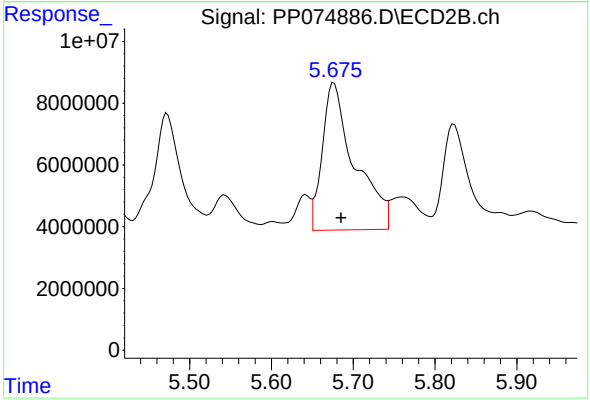
#25 AR-1248-5

R.T.: 5.761 min
Delta R.T.: 0.040 min
Response: 25684981
Conc: 69.92 ng/ml



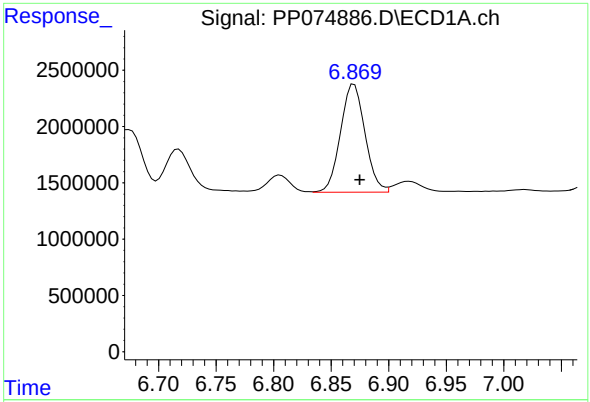
#26 AR-1254-1

R.T.: 6.654 min
Delta R.T.: -0.004 min
Response: 22572990
Conc: 387.39 ng/ml



#26 AR-1254-1

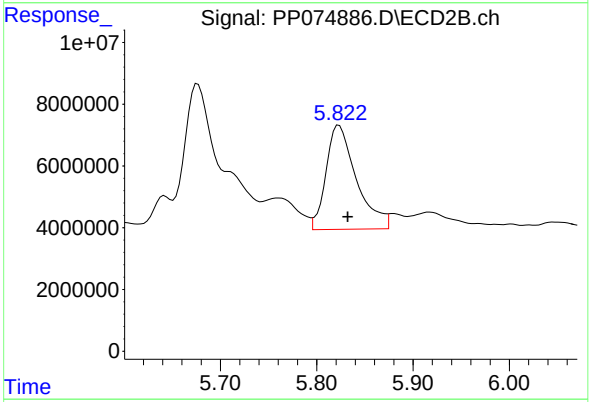
R.T.: 5.677 min
Delta R.T.: -0.009 min
Response: 131068685
Conc: 274.94 ng/ml



#27 AR-1254-2

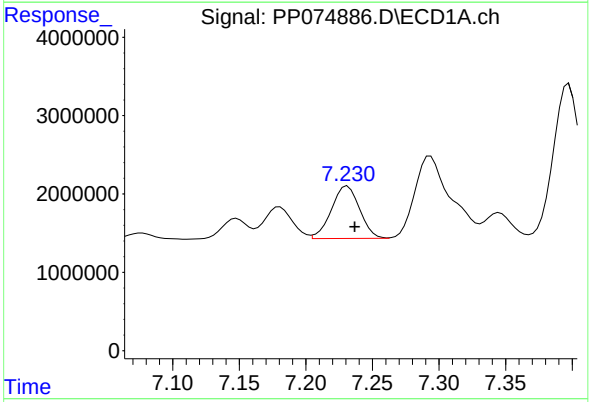
R.T.: 6.870 min
Delta R.T.: -0.005 min
Response: 14280218
Conc: 174.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



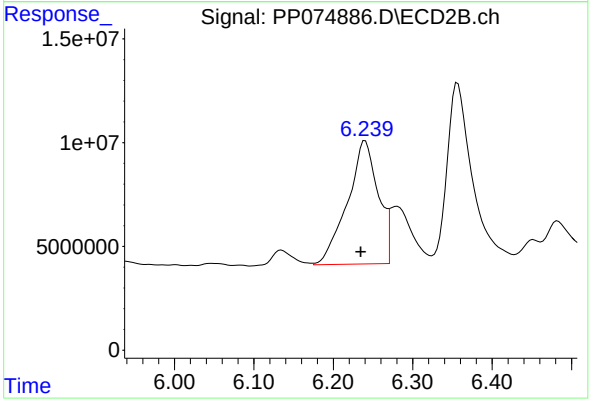
#27 AR-1254-2

R.T.: 5.823 min
Delta R.T.: -0.009 min
Response: 73957939
Conc: 210.03 ng/ml



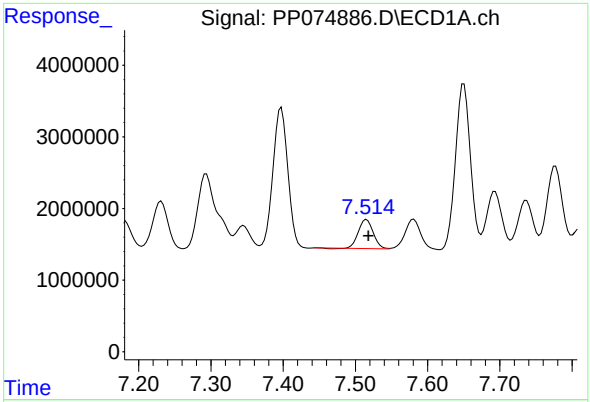
#28 AR-1254-3

R.T.: 7.231 min
Delta R.T.: -0.006 min
Response: 9901226
Conc: 110.99 ng/ml



#28 AR-1254-3

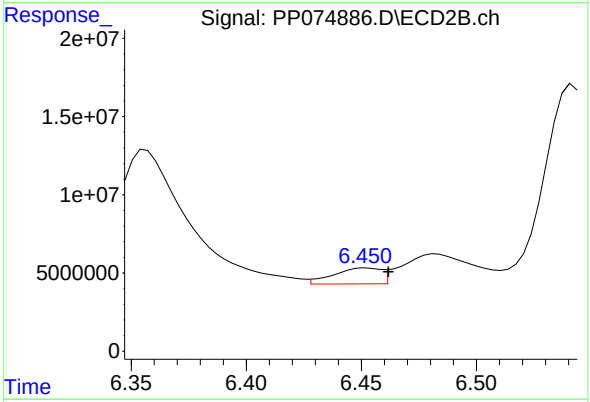
R.T.: 6.240 min
Delta R.T.: 0.006 min
Response: 159643867
Conc: 257.57 ng/ml



#29 AR-1254-4

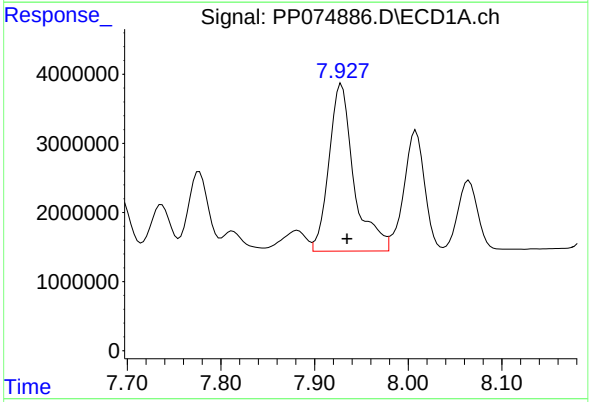
R.T.: 7.515 min
Delta R.T.: -0.003 min
Response: 5791142
Conc: 87.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



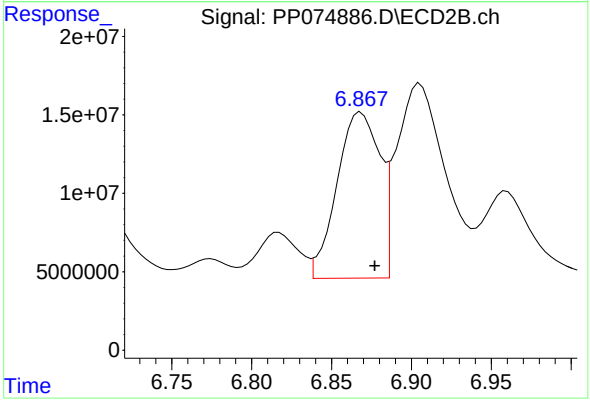
#29 AR-1254-4

R.T.: 6.452 min
Delta R.T.: -0.010 min
Response: 14661142
Conc: 31.29 ng/ml



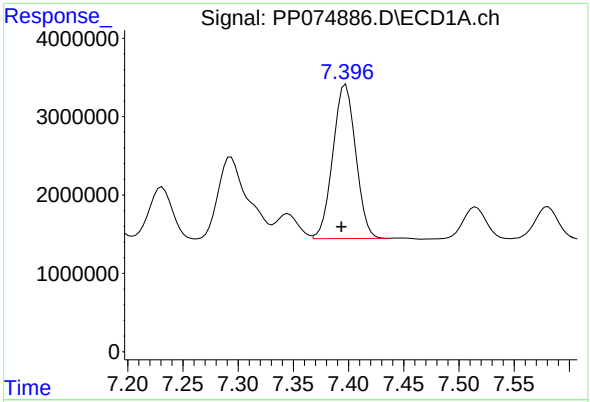
#30 AR-1254-5

R.T.: 7.929 min
Delta R.T.: -0.006 min
Response: 45041502
Conc: 542.11 ng/ml



#30 AR-1254-5

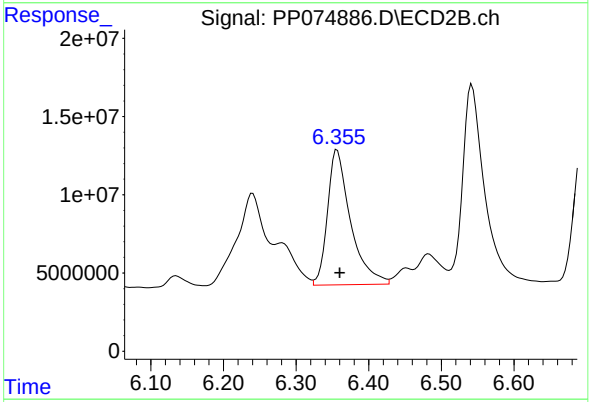
R.T.: 6.868 min
Delta R.T.: -0.009 min
Response: 196999757
Conc: 401.63 ng/ml



#31 AR-1260-1

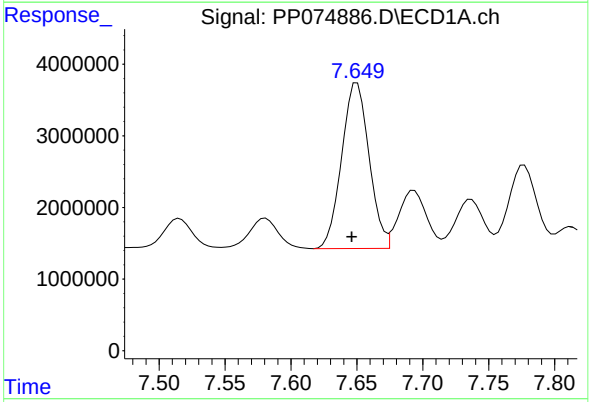
R.T.: 7.397 min
Delta R.T.: 0.004 min
Response: 28353542
Conc: 490.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



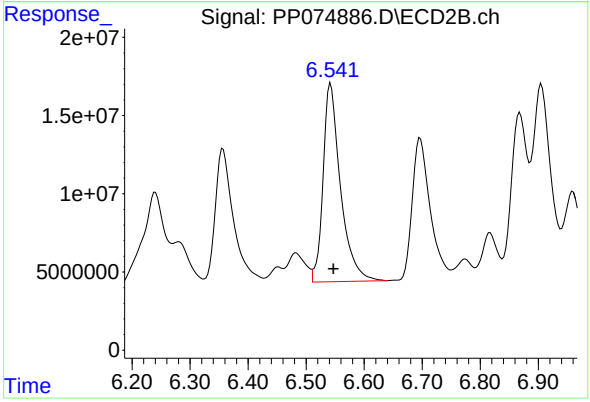
#31 AR-1260-1

R.T.: 6.357 min
Delta R.T.: -0.003 min
Response: 190823423
Conc: 508.56 ng/ml



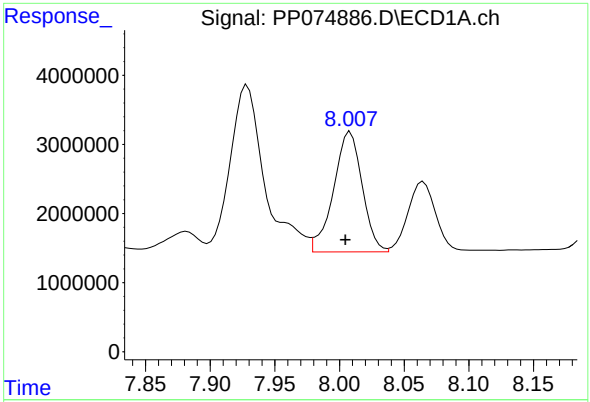
#32 AR-1260-2

R.T.: 7.650 min
Delta R.T.: 0.004 min
Response: 33466693
Conc: 485.61 ng/ml



#32 AR-1260-2

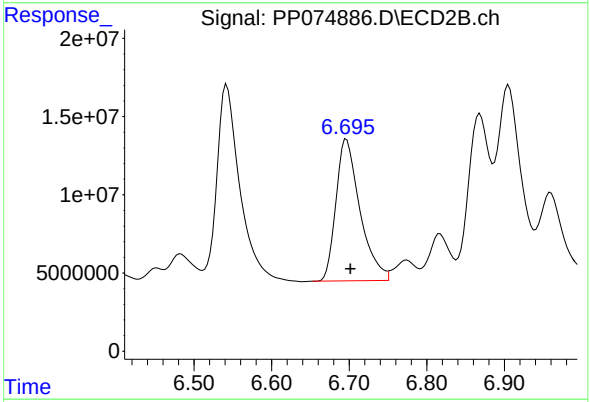
R.T.: 6.542 min
Delta R.T.: -0.005 min
Response: 264238241
Conc: 499.68 ng/ml



#33 AR-1260-3

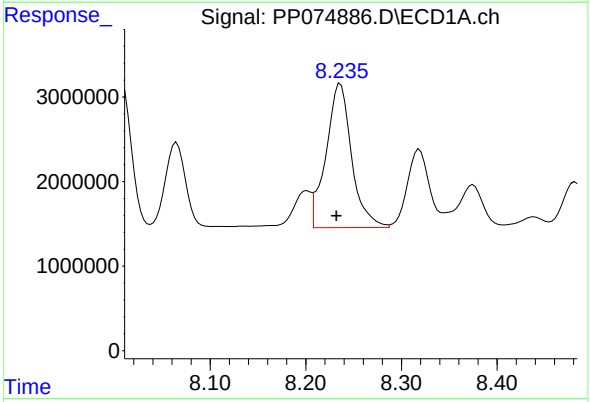
R.T.: 8.008 min
Delta R.T.: 0.004 min
Response: 26820361
Conc: 516.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



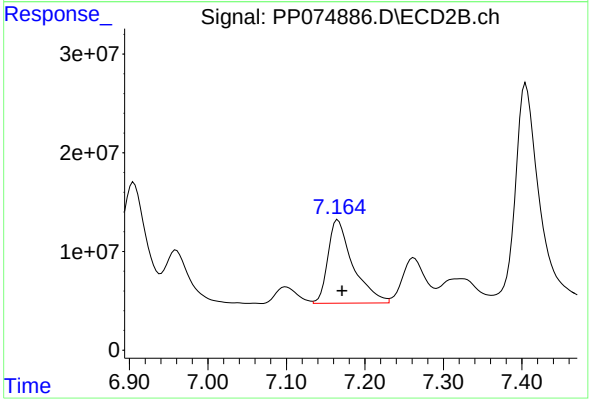
#33 AR-1260-3

R.T.: 6.696 min
Delta R.T.: -0.005 min
Response: 195061445
Conc: 450.49 ng/ml



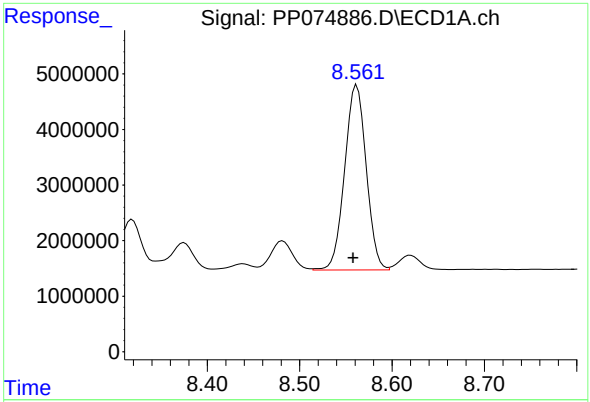
#34 AR-1260-4

R.T.: 8.236 min
Delta R.T.: 0.004 min
Response: 31685900
Conc: 496.70 ng/ml



#34 AR-1260-4

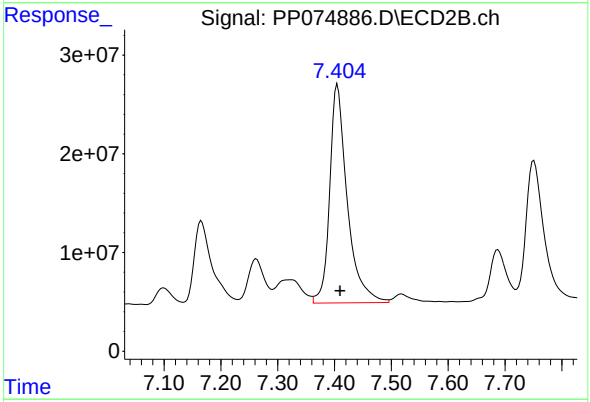
R.T.: 7.166 min
Delta R.T.: -0.005 min
Response: 186851602
Conc: 489.81 ng/ml



#35 AR-1260-5

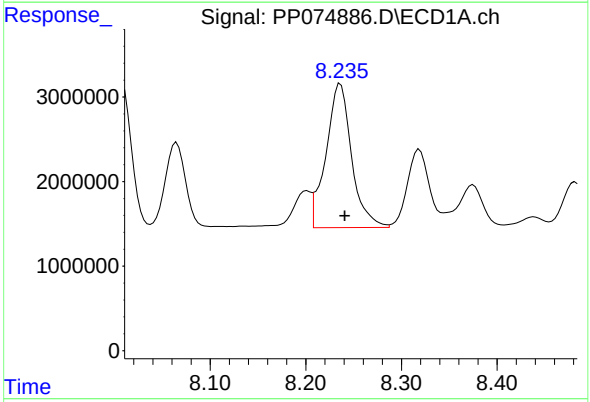
R.T.: 8.562 min
Delta R.T.: 0.004 min
Response: 54055544
Conc: 476.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



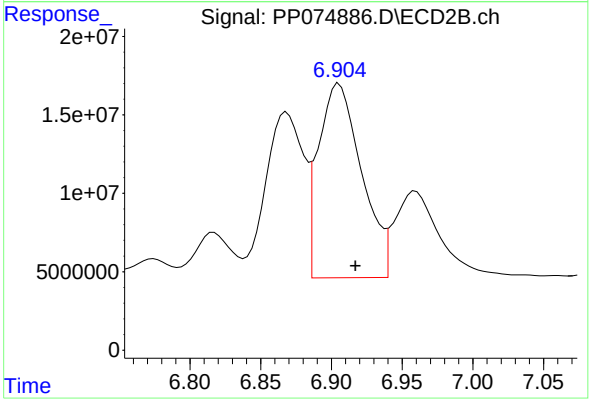
#35 AR-1260-5

R.T.: 7.405 min
Delta R.T.: -0.005 min
Response: 475896452
Conc: 473.77 ng/ml



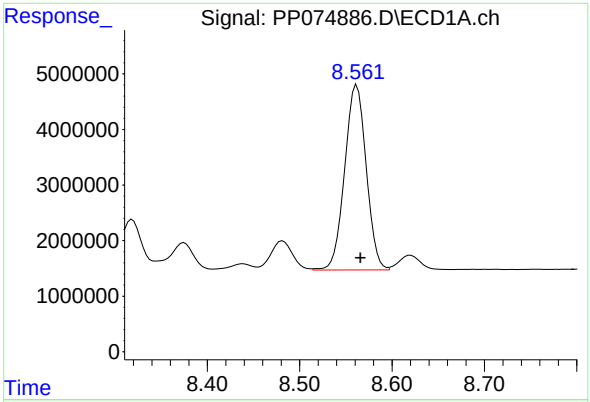
#36 AR-1262-1

R.T.: 8.236 min
Delta R.T.: -0.004 min
Response: 31685900
Conc: 411.42 ng/ml



#36 AR-1262-1

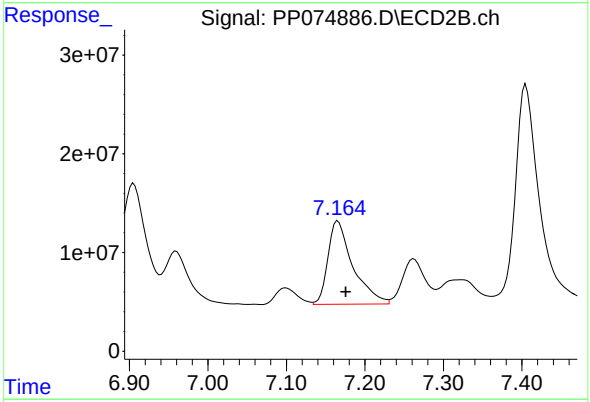
R.T.: 6.905 min
Delta R.T.: -0.012 min
Response: 262903602
Conc: 371.72 ng/ml



#37 AR-1262-2

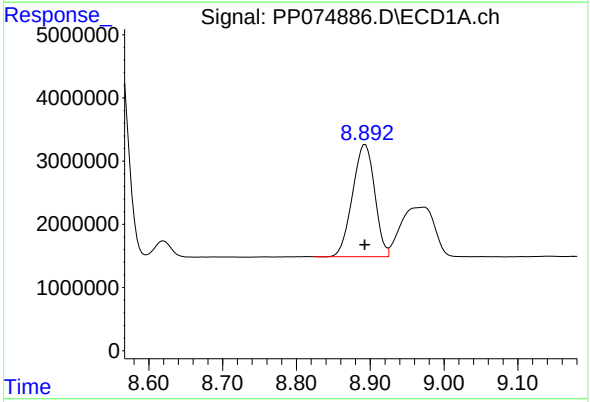
R.T.: 8.562 min
Delta R.T.: -0.004 min
Response: 54055544
Conc: 408.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



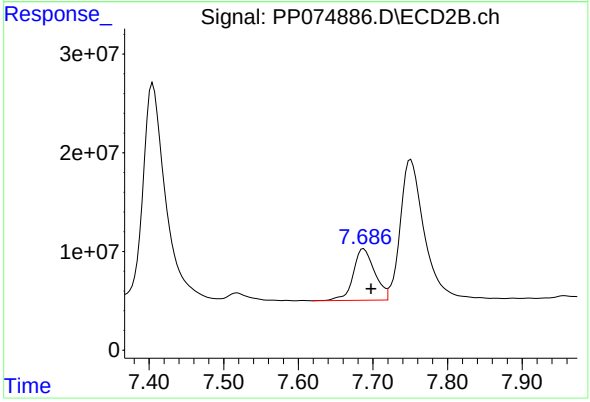
#37 AR-1262-2

R.T.: 7.166 min
Delta R.T.: -0.010 min
Response: 186851602
Conc: 358.84 ng/ml



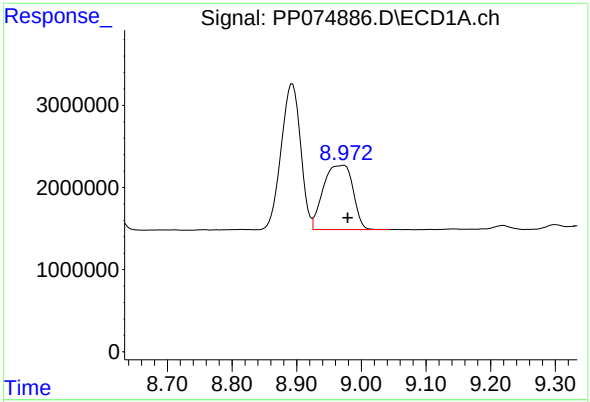
#38 AR-1262-3

R.T.: 8.893 min
Delta R.T.: 0.001 min
Response: 37013911
Conc: 380.75 ng/ml



#38 AR-1262-3

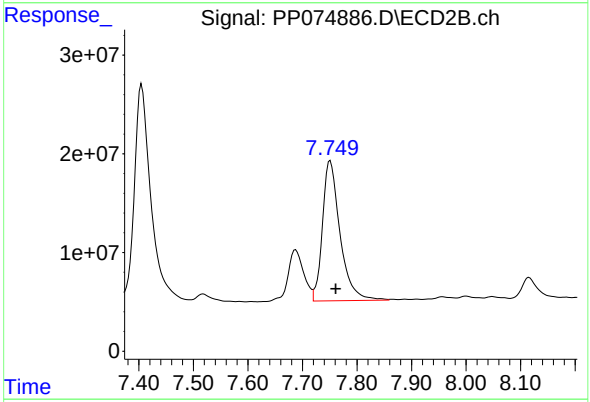
R.T.: 7.688 min
Delta R.T.: -0.010 min
Response: 104454542
Conc: 224.01 ng/ml



#39 AR-1262-4

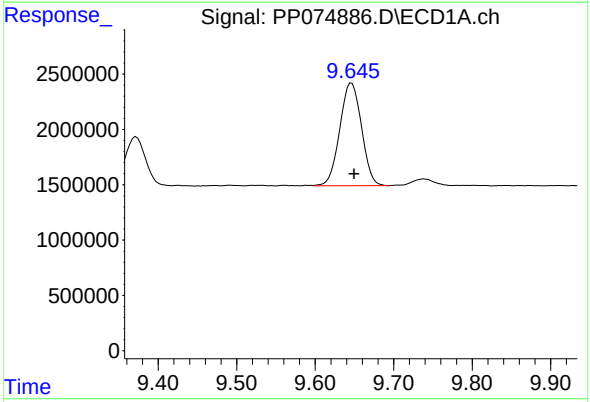
R.T.: 8.973 min
Delta R.T.: -0.006 min
Response: 24940988
Conc: 331.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



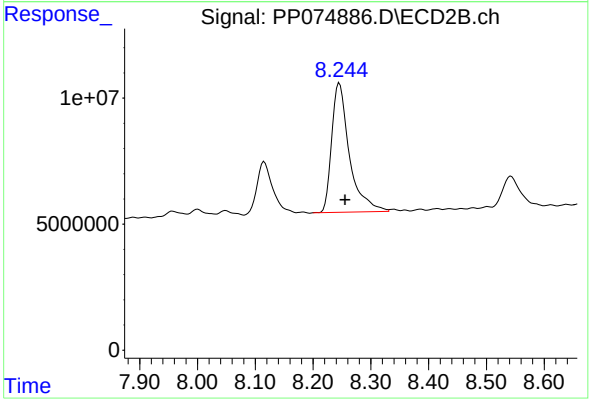
#39 AR-1262-4

R.T.: 7.751 min
Delta R.T.: -0.010 min
Response: 317615376
Conc: 386.46 ng/ml



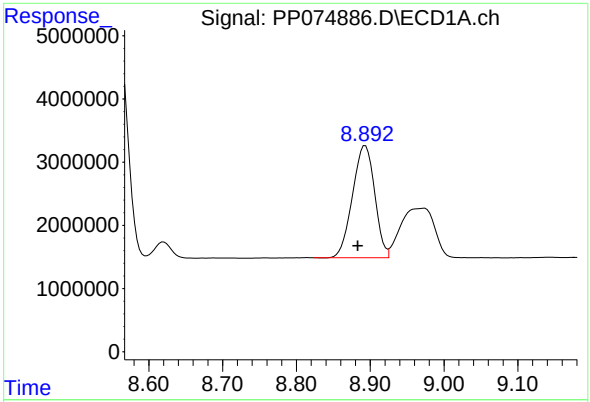
#40 AR-1262-5

R.T.: 9.646 min
Delta R.T.: -0.003 min
Response: 17879396
Conc: 293.32 ng/ml



#40 AR-1262-5

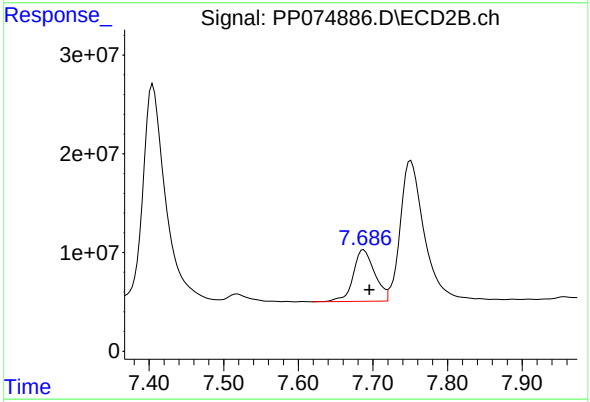
R.T.: 8.246 min
Delta R.T.: -0.010 min
Response: 109343185
Conc: 305.16 ng/ml



#41 AR-1268-1

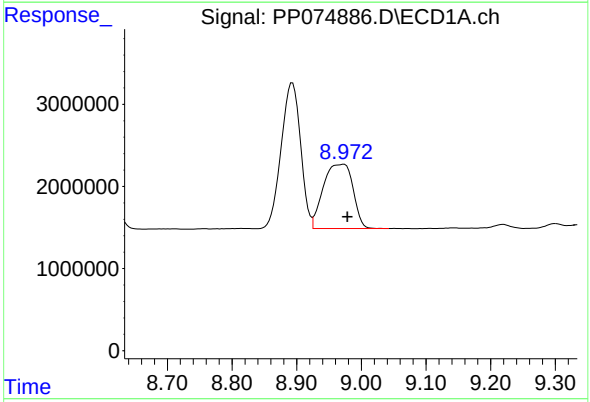
R.T.: 8.893 min
Delta R.T.: 0.011 min
Response: 37013911
Conc: 228.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



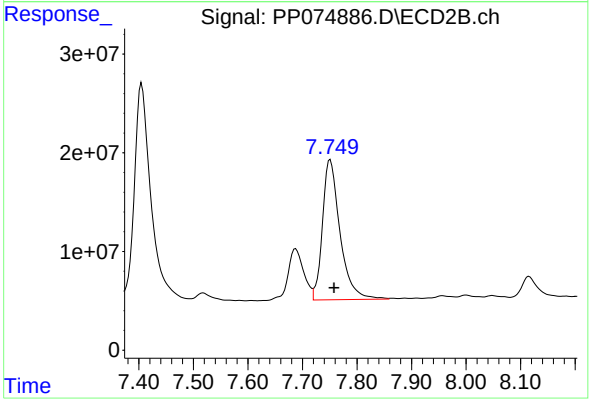
#41 AR-1268-1

R.T.: 7.688 min
Delta R.T.: -0.008 min
Response: 104454542
Conc: 74.06 ng/ml



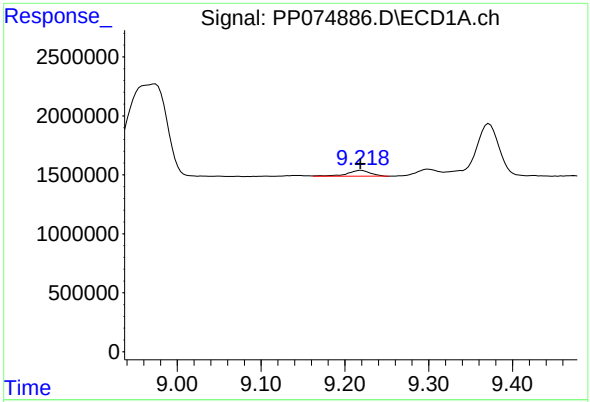
#42 AR-1268-2

R.T.: 8.973 min
Delta R.T.: -0.005 min
Response: 24940988
Conc: 169.97 ng/ml



#42 AR-1268-2

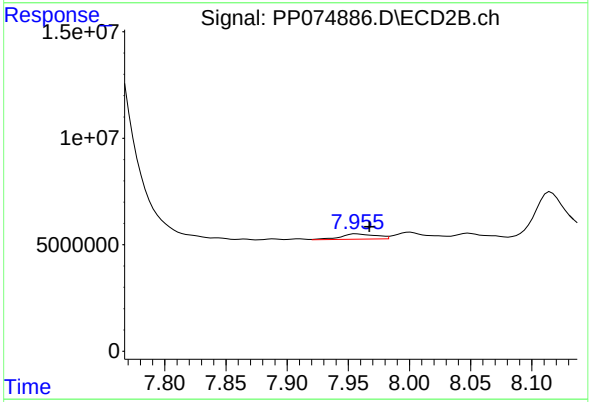
R.T.: 7.751 min
Delta R.T.: -0.007 min
Response: 317615376
Conc: 232.95 ng/ml



#43 AR-1268-3

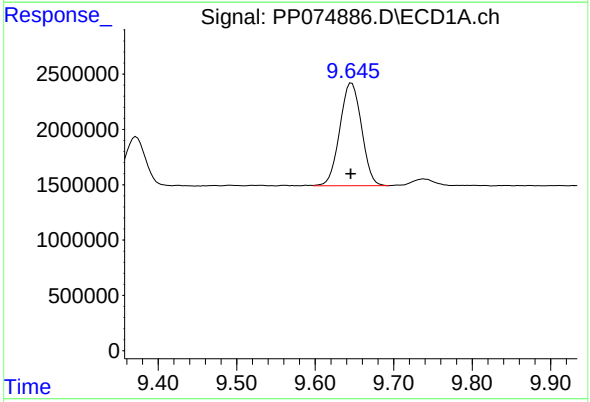
R.T.: 9.220 min
Delta R.T.: 0.000 min
Response: 959909
Conc: 7.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



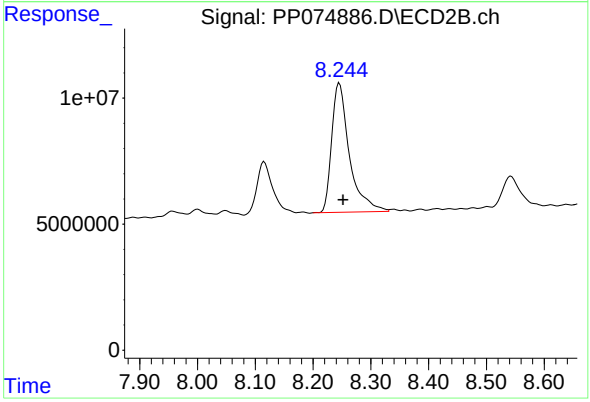
#43 AR-1268-3

R.T.: 7.957 min
Delta R.T.: -0.010 min
Response: 5137681
Conc: 4.92 ng/ml



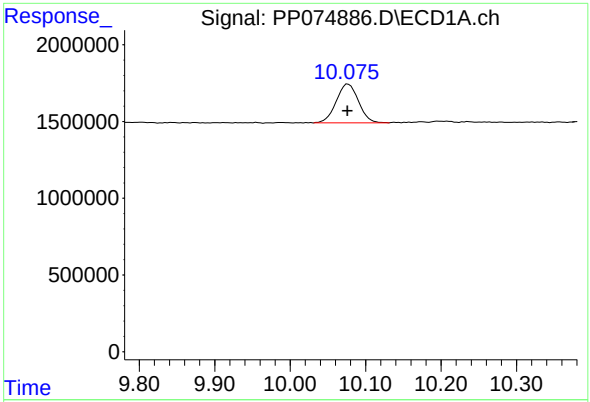
#44 AR-1268-4

R.T.: 9.646 min
Delta R.T.: 0.001 min
Response: 17879396
Conc: 265.81 ng/ml



#44 AR-1268-4

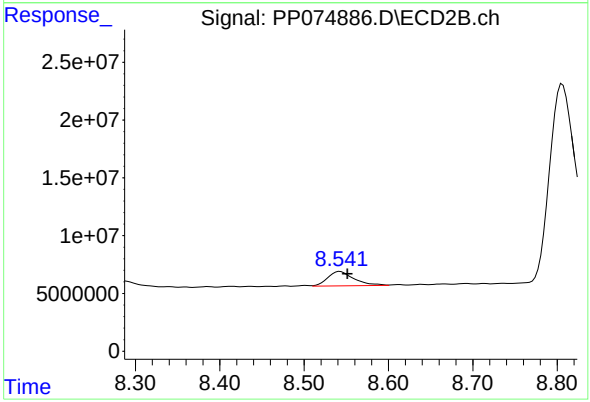
R.T.: 8.246 min
Delta R.T.: -0.006 min
Response: 109343185
Conc: 285.42 ng/ml



#45 AR-1268-5

R.T.: 10.076 min
Delta R.T.: 0.000 min
Response: 5177067
Conc: 13.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.543 min
Delta R.T.: -0.009 min
Response: 26786431
Conc: 8.54 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074893.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 11:30
Operator : YP\AJ
Sample : Q3017-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : ECD_P
ClientSampleId : TT-076-IDWGW-20250903

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:35:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
2)	SA Decachlor...	10.433	8.805	19090789	119.6E6	19.332	15.949	
	Target Compounds							
3)	L1 AR-1016-1	5.808	0.000	825687	0	18.728	N.D.	#
4)	L1 AR-1016-2	5.808	0.000	825687	0	13.139	N.D.	#
5)	L1 AR-1016-3	5.881	0.000	328112	0	7.305	N.D.	#
6)	L1 AR-1016-4	5.957	5.150	271617	1881139	7.720	13.456	#
7)	L1 AR-1016-5	6.287	5.324	223995	467178	6.750	2.813	#
8)	L2 AR-1221-1	4.855	0.000	516638	0	29.366	N.D.	#
9)	L2 AR-1221-2	4.958	0.000	371733	0	27.830	N.D.	#
10)	L2 AR-1221-3	4.958f	0.000	371733	0	9.805	N.D.	#
11)	L3 AR-1232-1	4.958f	0.000	371733	0	12.239	N.D.	#
12)	L3 AR-1232-2	5.567	0.000	460485	0	29.222	N.D.	#
13)	L3 AR-1232-3	5.808	0.000	825687	0	27.033	N.D.	#
14)	L3 AR-1232-4	5.957	5.150	271617	1881139	15.728	25.522	#
15)	L3 AR-1232-5	6.081	5.324	424318	467178	32.688	7.525	#
16)	L4 AR-1242-1	5.808	0.000	825687	0	21.572	N.D.	#
17)	L4 AR-1242-2	5.808	0.000	825687	0	14.619	N.D.	#
18)	L4 AR-1242-3	5.901	0.000	238791	0	5.881	N.D.	#
19)	L4 AR-1242-4	5.957	5.150	271617	1881139	8.557	10.991	#
20)	L4 AR-1242-5	6.720	5.680	469167	330893	13.007	1.787	#
21)	L5 AR-1248-1	5.808	0.000	825687	0	27.319	N.D.	#
22)	L5 AR-1248-2	6.081	5.150	424318	1881139	9.846	10.643	
23)	L5 AR-1248-3	6.287	5.150	223995	1881139	4.796	8.280	#
24)	L5 AR-1248-4	6.652	5.324	869030	467178	15.800	2.143	#
25)	L5 AR-1248-5	6.720	5.702	469167	260087	8.458	0.708	#
26)	L6 AR-1254-1	6.652	5.680	869030	330893	14.914	0.694	#
27)	L6 AR-1254-2	6.872	5.854	201793	306727	2.472	0.871	#
28)	L6 AR-1254-3	7.226	6.241	791771	341070	8.876	0.550	#
29)	L6 AR-1254-4	7.512	6.465	79167	185114	1.201	0.395	#
30)	L6 AR-1254-5	7.931	6.871	344739	436407	4.149	0.890	#
31)	L7 AR-1260-1	7.396	6.367	63938	274295	1.106	0.731	#
32)	L7 AR-1260-2	7.651	6.544	278818	379368	4.046	0.717	#
33)	L7 AR-1260-3	8.005	6.709	249518	300142	4.809	0.693	#
34)	L7 AR-1260-4	8.215	7.168	272533	267835	4.272	0.702	#
35)	L7 AR-1260-5	8.560	7.407	203702	502166	1.796	0.500	#
36)	L8 AR-1262-1	8.215	6.912	272533	317371	3.539	0.449	#
37)	L8 AR-1262-2	8.560	7.168	203702	267835	1.539	0.514	#
38)	L8 AR-1262-3	8.902	7.690	147862	781481	1.521	1.676	
39)	L8 AR-1262-4	8.981	7.759	111886	752055	1.485	0.915	#
40)	L8 AR-1262-5	9.602f	8.259	79521	411818	1.305	1.149	
41)	L9 AR-1268-1	8.902	7.690	147862	781481	0.913	0.554	#
42)	L9 AR-1268-2	8.981	7.759	111886	752055	0.762	0.552	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074893.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 11:30
Operator : YP\AJ
Sample : Q3017-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TT-076-IDWGW-20250903

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:35:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	0.000	7.974	0	659706	N.D.	0.632 #
44) L9	AR-1268-4	9.602f	8.259	79521	411818	1.182	1.075
45) L9	AR-1268-5	10.074	8.561	201297	448767	0.544	0.143 #

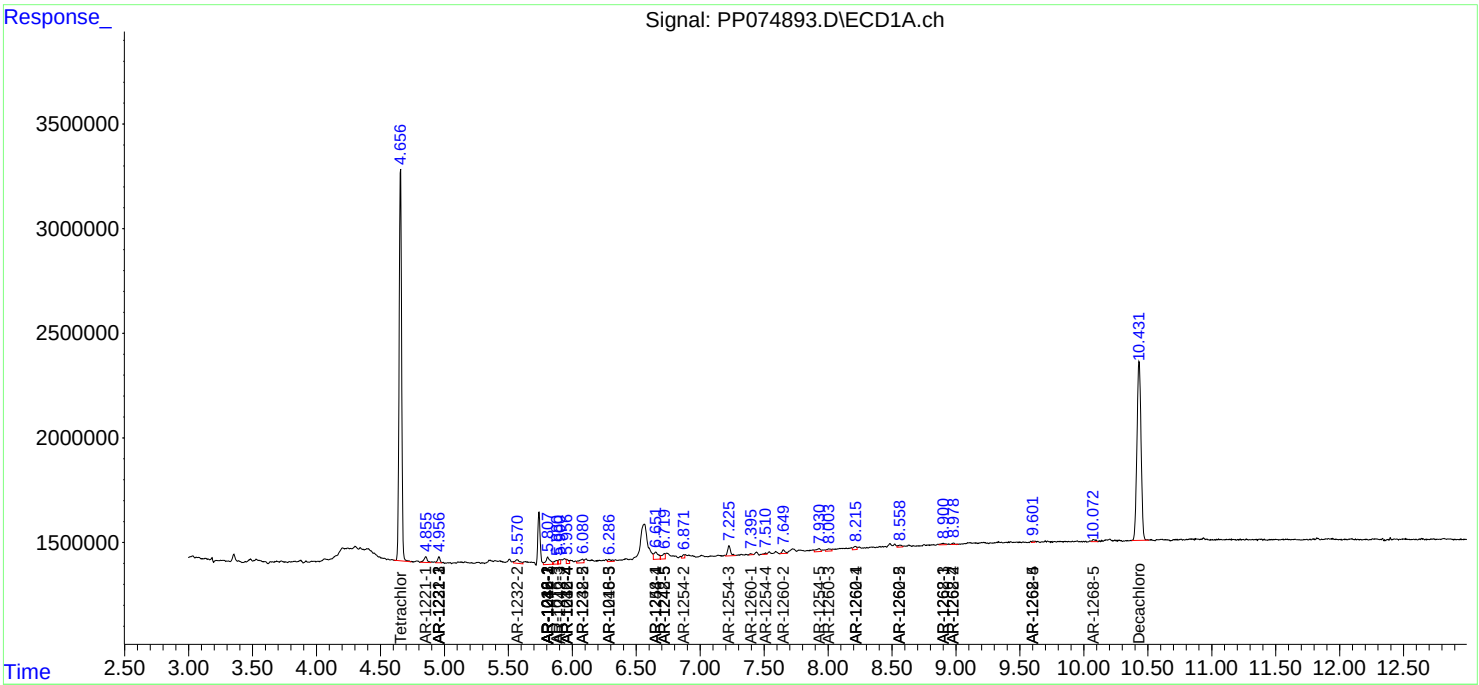
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

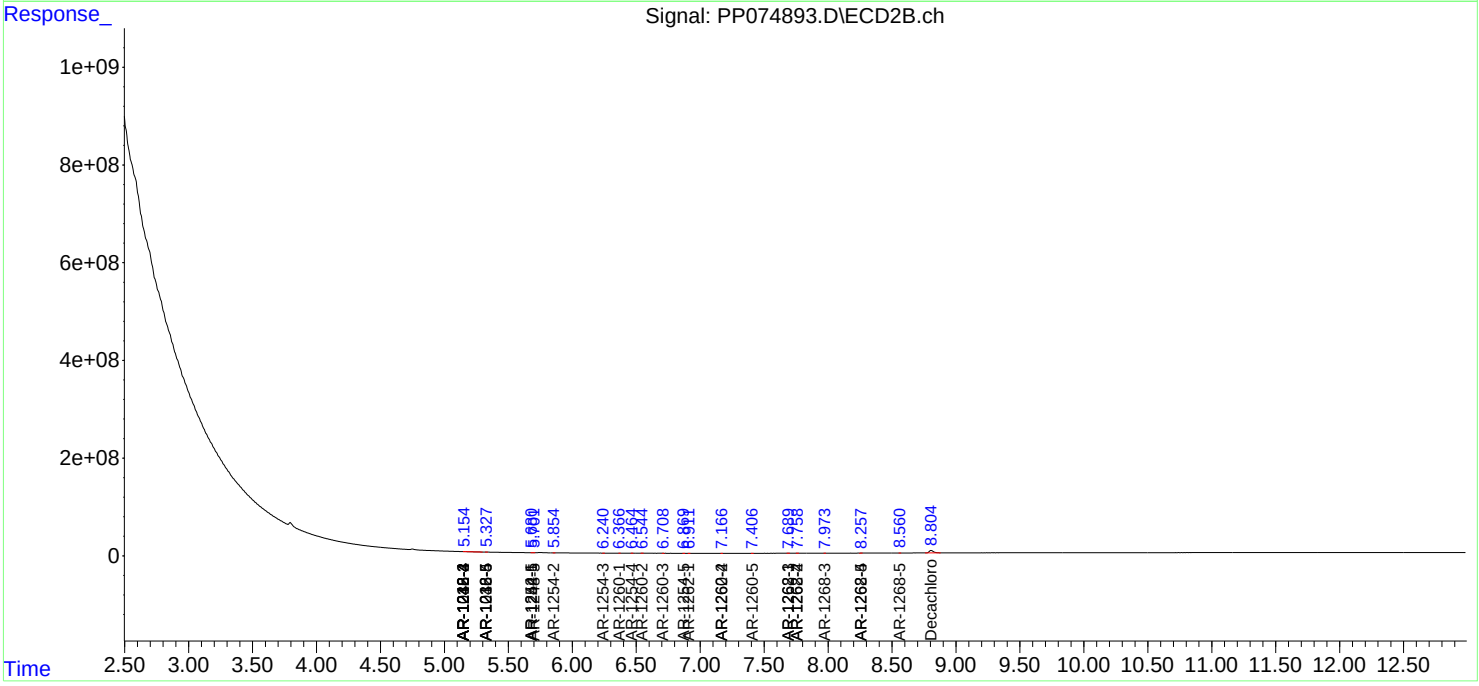
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074893.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 11:30
Operator : YP\AJ
Sample : Q3017-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

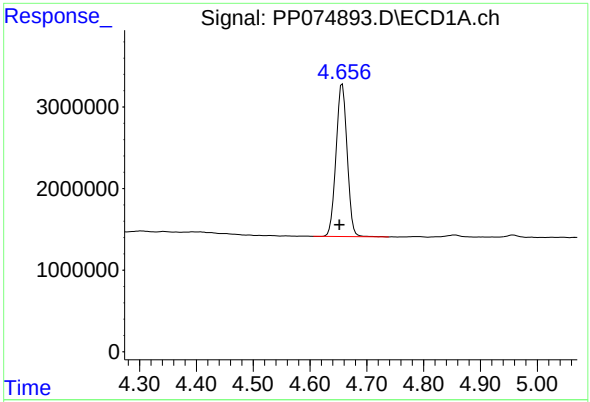
Instrument :
ECD_P
ClientSampleId :
TT-076-IDWGW-20250903

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:35:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



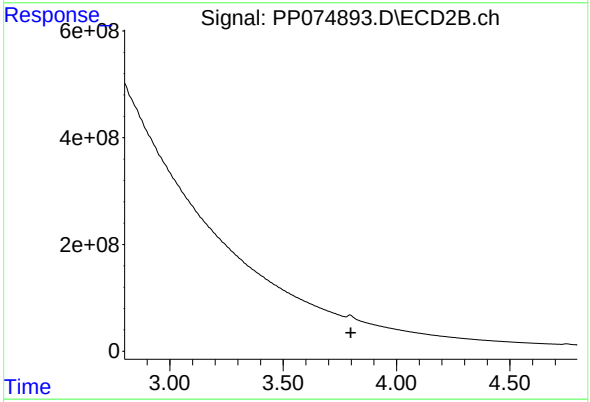




#1 Tetrachloro-m-xylene

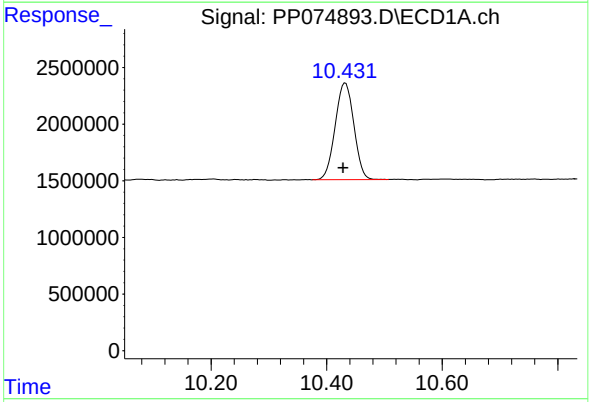
R.T.: 4.657 min
Delta R.T.: 0.005 min
Response: 25428079
Conc: 20.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-076-IDWGW-20250903



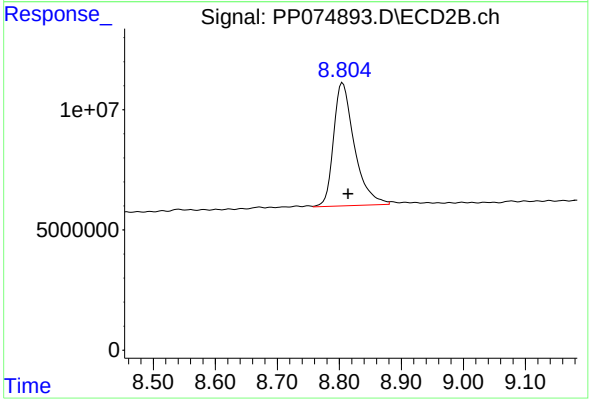
#1 Tetrachloro-m-xylene

R.T.: 3.794 min
Delta R.T.: -0.004 min
Response: -907616172
Conc: N.D.



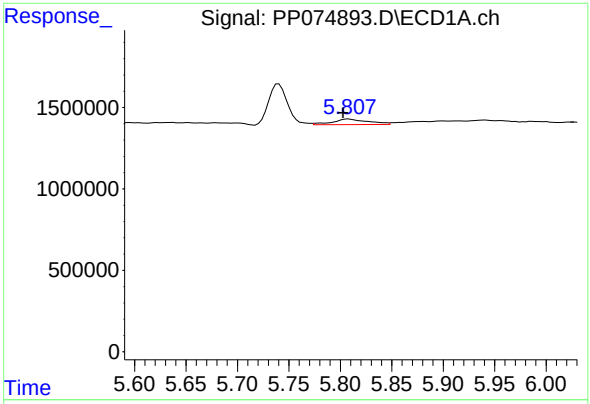
#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.004 min
Response: 19090789
Conc: 19.33 ng/ml



#2 Decachlorobiphenyl

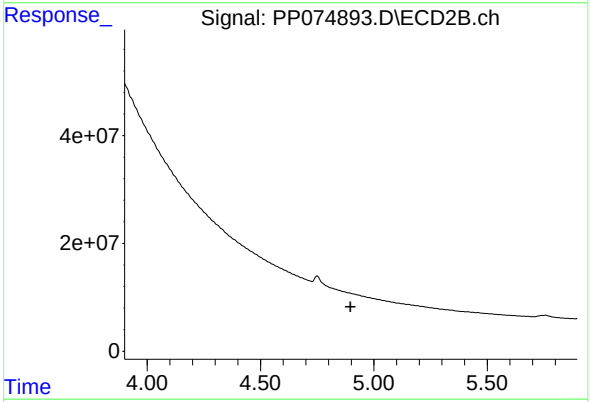
R.T.: 8.805 min
Delta R.T.: -0.008 min
Response: 119607939
Conc: 15.95 ng/ml



#3 AR-1016-1

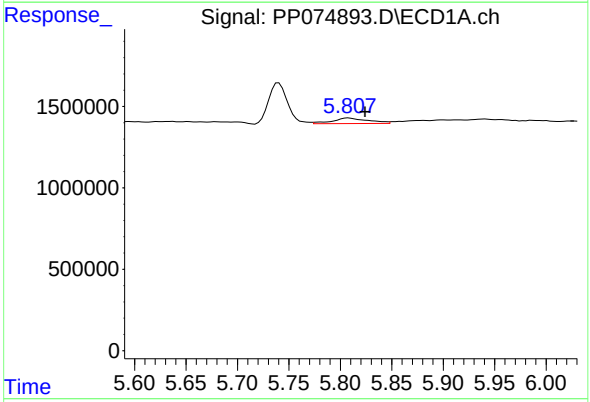
R.T.: 5.808 min
Delta R.T.: 0.005 min
Response: 825687
Conc: 18.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-076-IDWGW-20250903



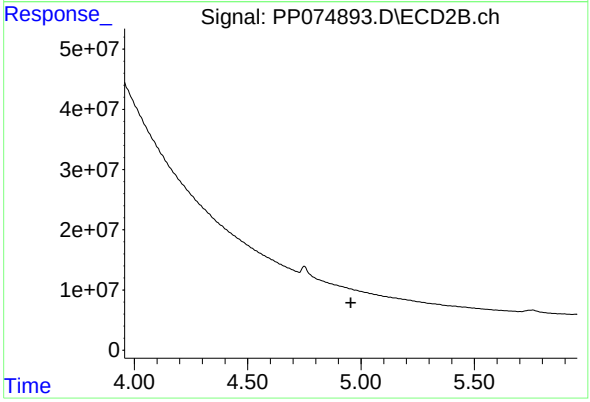
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.



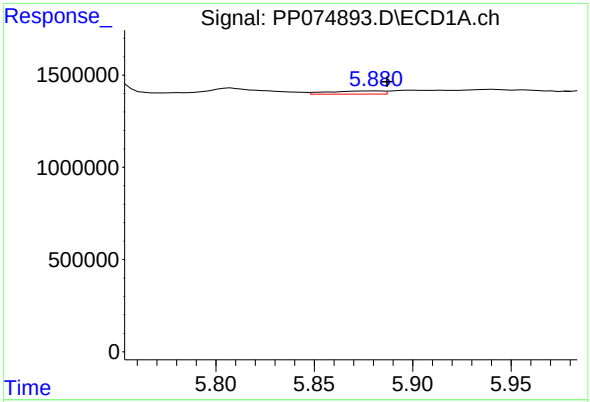
#4 AR-1016-2

R.T.: 5.808 min
Delta R.T.: -0.016 min
Response: 825687
Conc: 13.14 ng/ml



#4 AR-1016-2

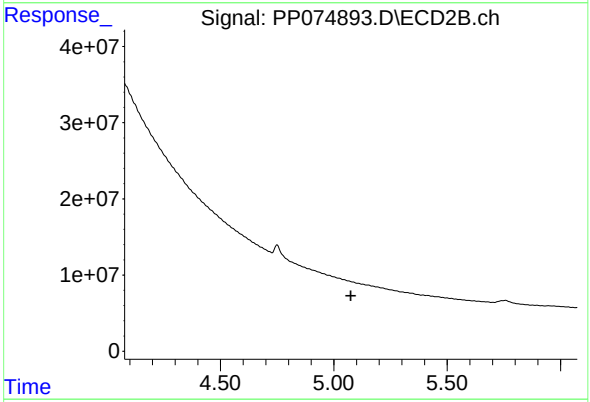
R.T.: 0.000 min
Exp R.T. : 4.956 min
Response: 0
Conc: N.D.



#5 AR-1016-3

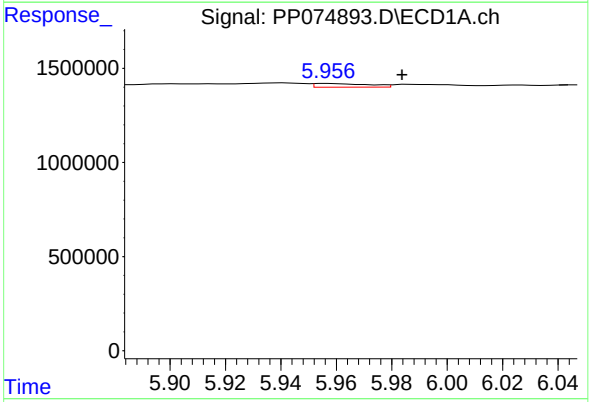
R.T.: 5.881 min
Delta R.T.: -0.006 min
Response: 328112
Conc: 7.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-076-IDWGW-20250903



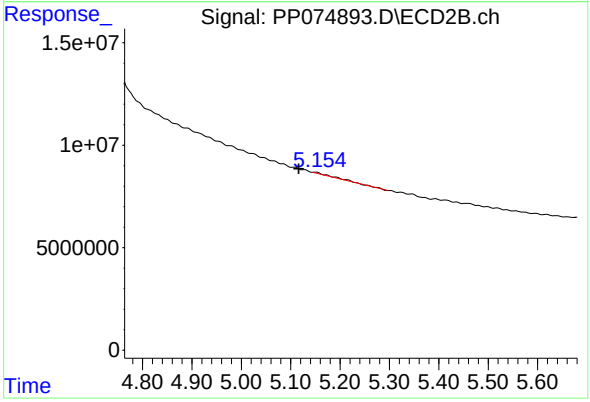
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.075 min
Response: 0
Conc: N.D.



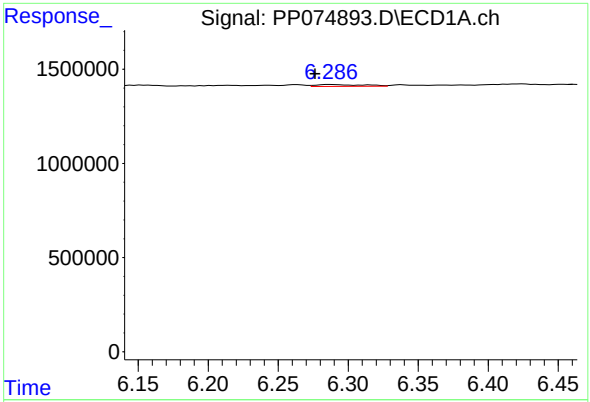
#6 AR-1016-4

R.T.: 5.957 min
Delta R.T.: -0.026 min
Response: 271617
Conc: 7.72 ng/ml



#6 AR-1016-4

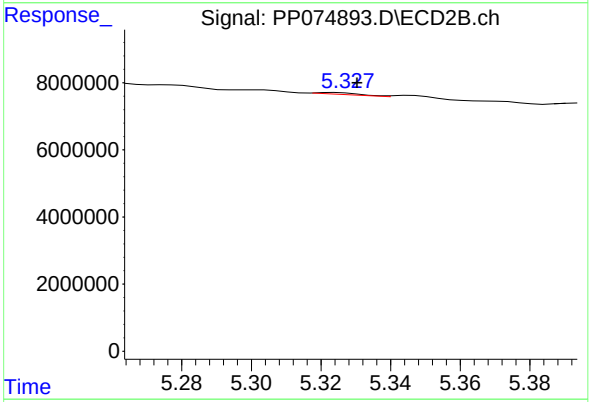
R.T.: 5.150 min
Delta R.T.: 0.034 min
Response: 1881139
Conc: 13.46 ng/ml



#7 AR-1016-5

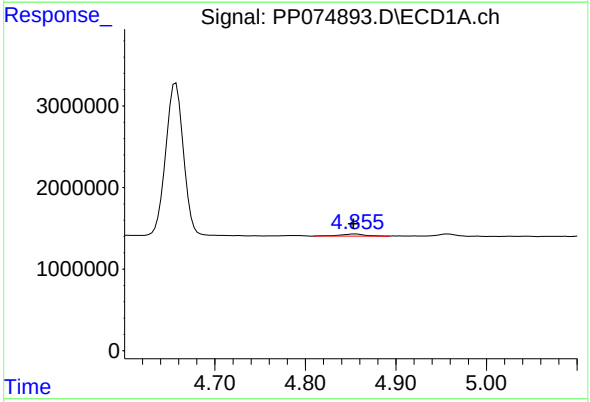
R.T.: 6.287 min
Delta R.T.: 0.011 min
Response: 223995
Conc: 6.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-076-IDWGW-20250903



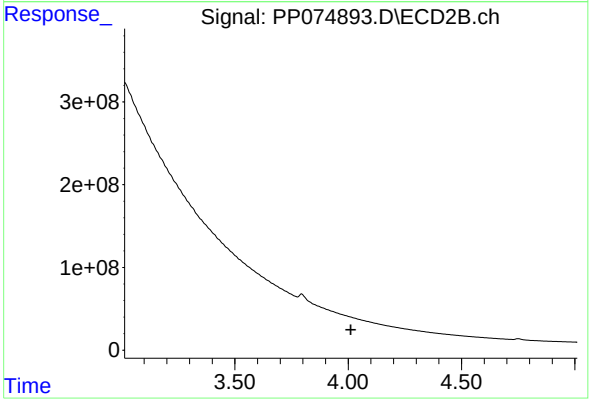
#7 AR-1016-5

R.T.: 5.324 min
Delta R.T.: -0.006 min
Response: 467178
Conc: 2.81 ng/ml



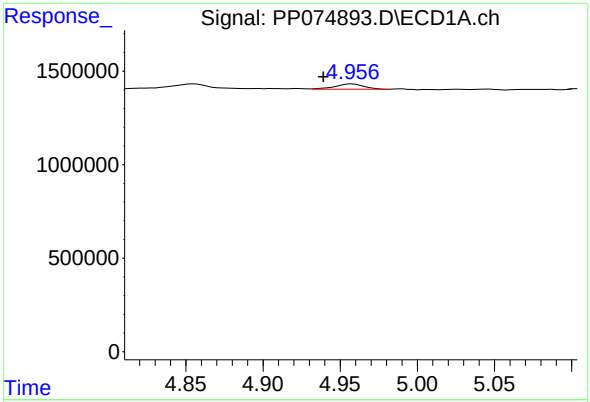
#8 AR-1221-1

R.T.: 4.855 min
Delta R.T.: 0.002 min
Response: 516638
Conc: 29.37 ng/ml



#8 AR-1221-1

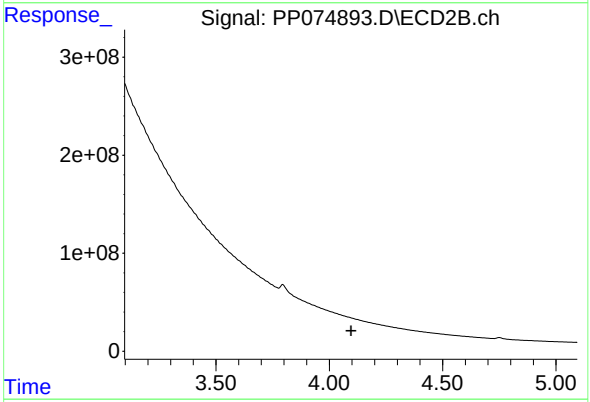
R.T.: 0.000 min
Exp R.T. : 4.011 min
Response: 0
Conc: N.D.



#9 AR-1221-2

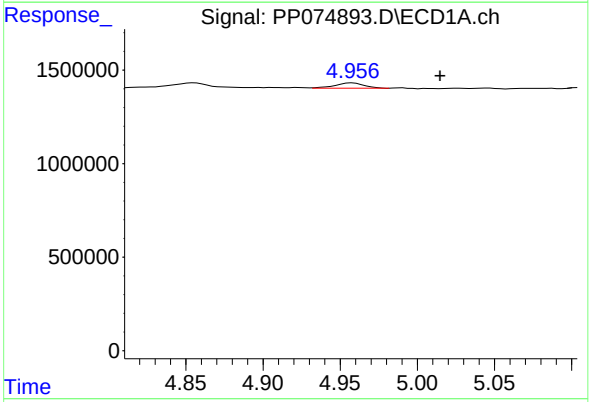
R.T.: 4.958 min
Delta R.T.: 0.019 min
Response: 371733
Conc: 27.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-076-IDWGW-20250903



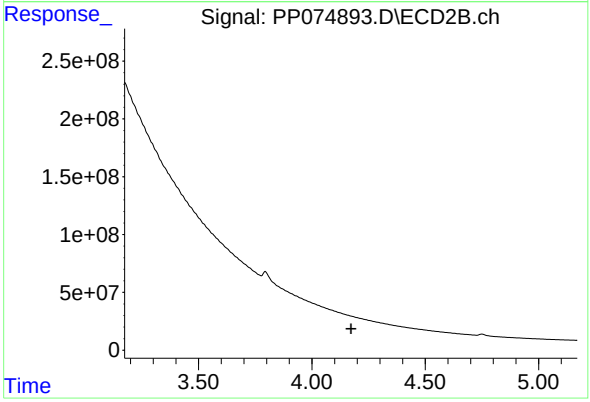
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.097 min
Response: 0
Conc: N.D.



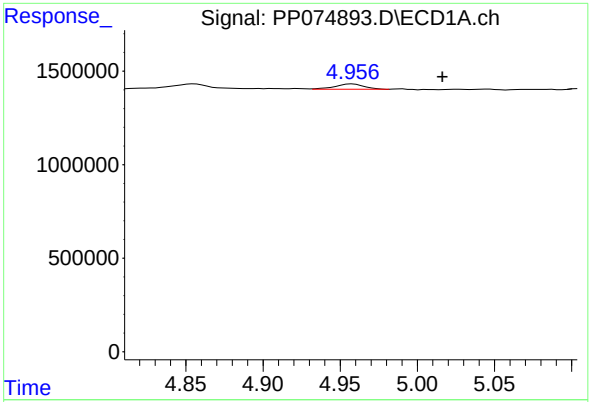
#10 AR-1221-3

R.T.: 4.958 min
Delta R.T.: -0.057 min
Response: 371733
Conc: 9.80 ng/ml



#10 AR-1221-3

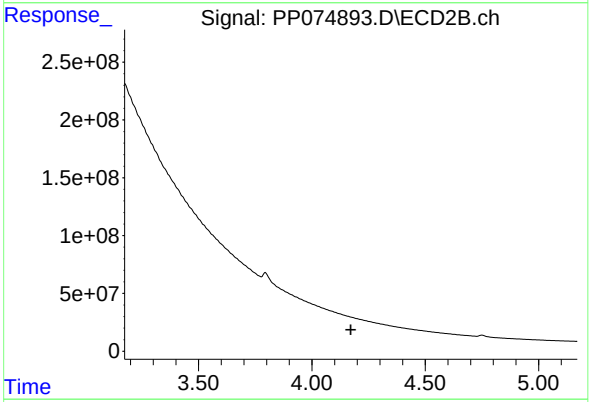
R.T.: 0.000 min
Exp R.T. : 4.173 min
Response: 0
Conc: N.D.



#11 AR-1232-1

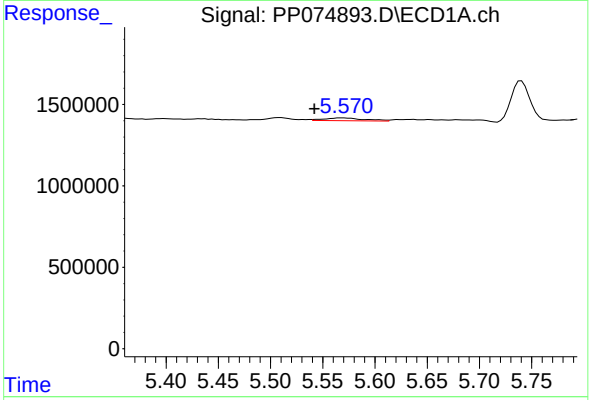
R.T.: 4.958 min
Delta R.T.: -0.058 min
Response: 371733
Conc: 12.24 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-076-IDWGW-20250903



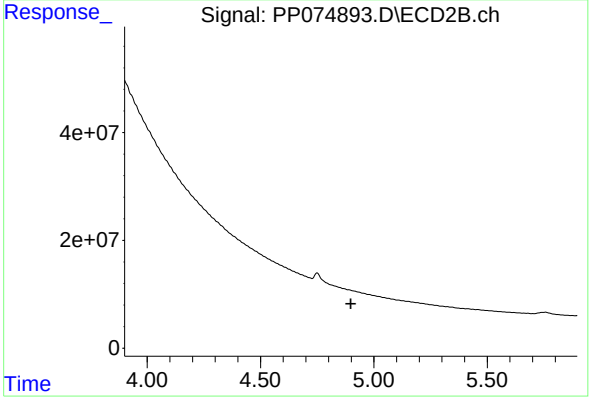
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.172 min
Response: 0
Conc: N.D.



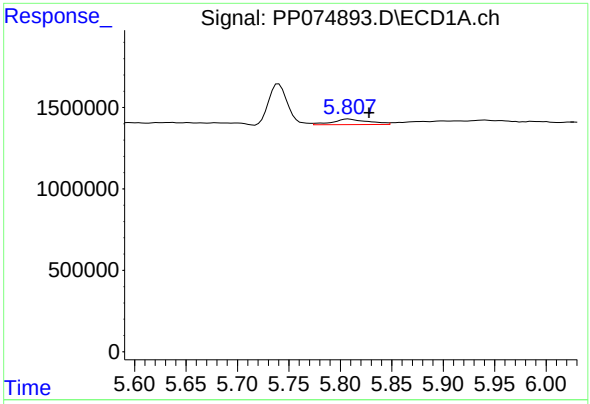
#12 AR-1232-2

R.T.: 5.567 min
Delta R.T.: 0.025 min
Response: 460485
Conc: 29.22 ng/ml



#12 AR-1232-2

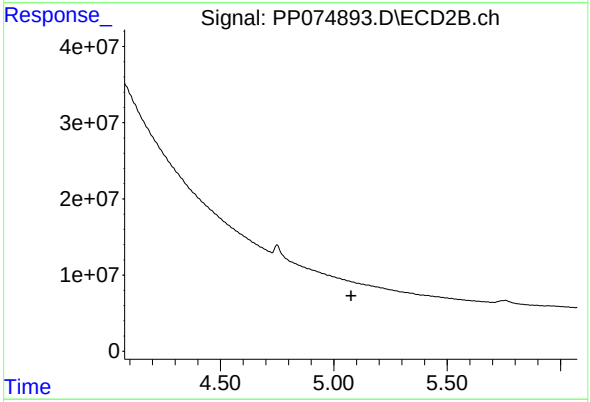
R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#13 AR-1232-3

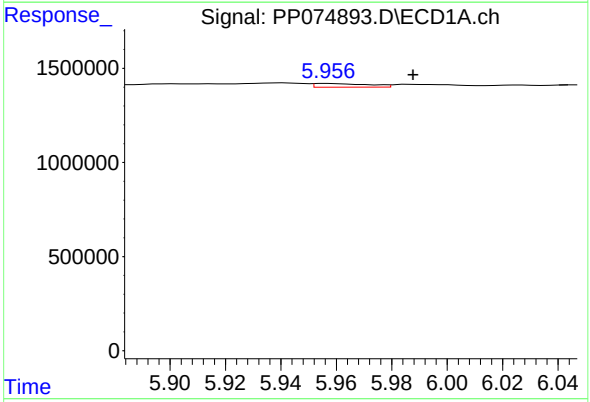
R.T.: 5.808 min
Delta R.T.: -0.020 min
Response: 825687
Conc: 27.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-076-IDWGW-20250903



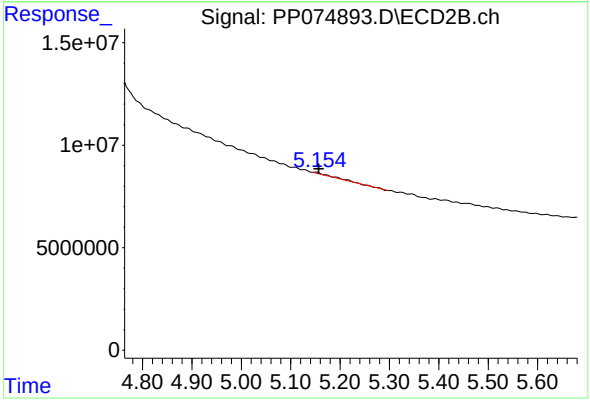
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.076 min
Response: 0
Conc: N.D.



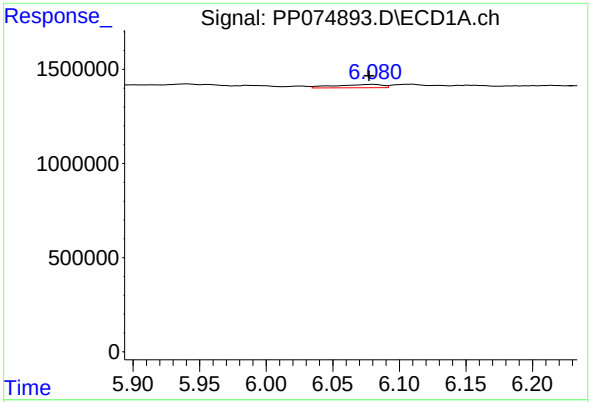
#14 AR-1232-4

R.T.: 5.957 min
Delta R.T.: -0.030 min
Response: 271617
Conc: 15.73 ng/ml



#14 AR-1232-4

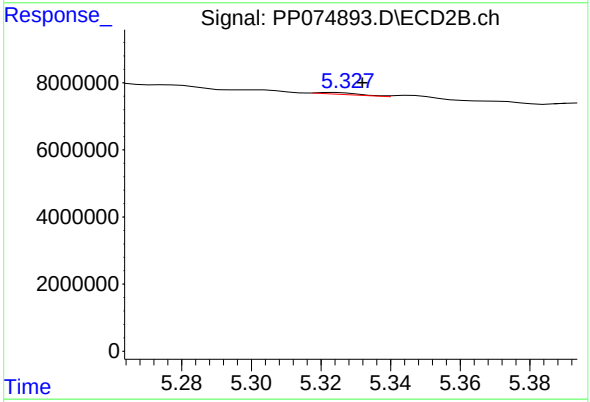
R.T.: 5.150 min
Delta R.T.: -0.007 min
Response: 1881139
Conc: 25.52 ng/ml



#15 AR-1232-5

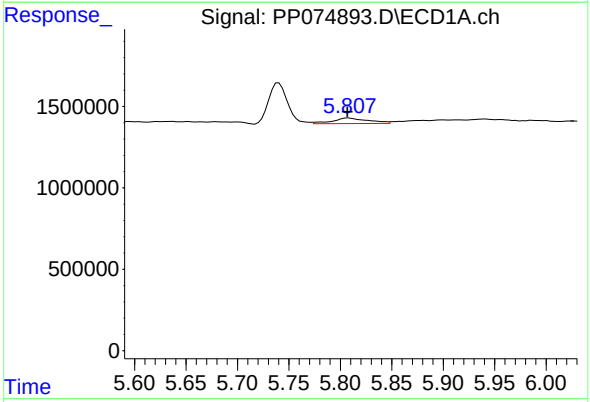
R.T.: 6.081 min
Delta R.T.: 0.004 min
Response: 424318
Conc: 32.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-076-IDWGW-20250903



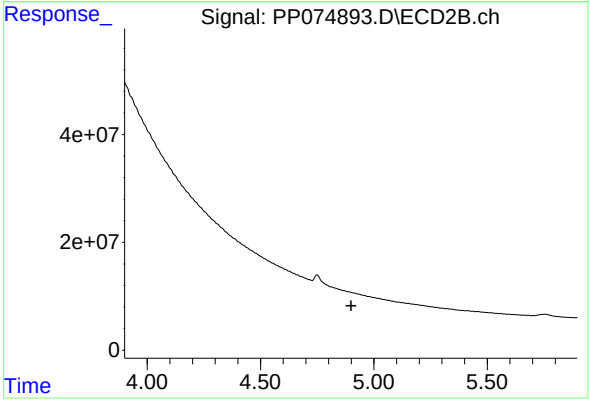
#15 AR-1232-5

R.T.: 5.324 min
Delta R.T.: -0.008 min
Response: 467178
Conc: 7.52 ng/ml



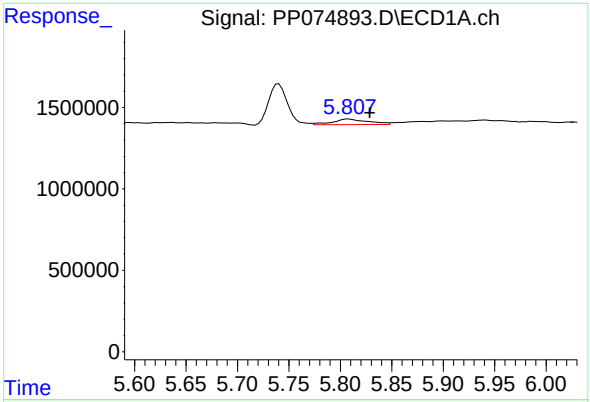
#16 AR-1242-1

R.T.: 5.808 min
Delta R.T.: 0.001 min
Response: 825687
Conc: 21.57 ng/ml



#16 AR-1242-1

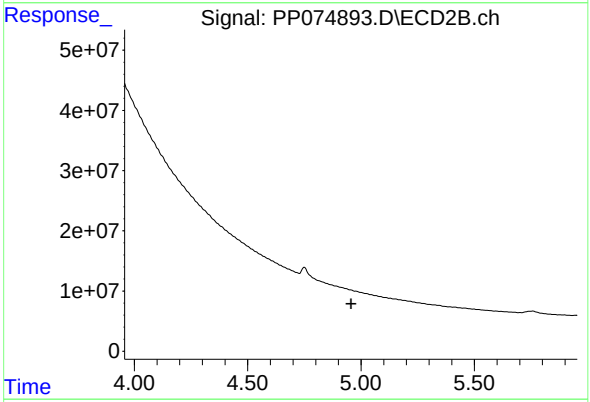
R.T.: 0.000 min
Exp R.T. : 4.900 min
Response: 0
Conc: N.D.



#17 AR-1242-2

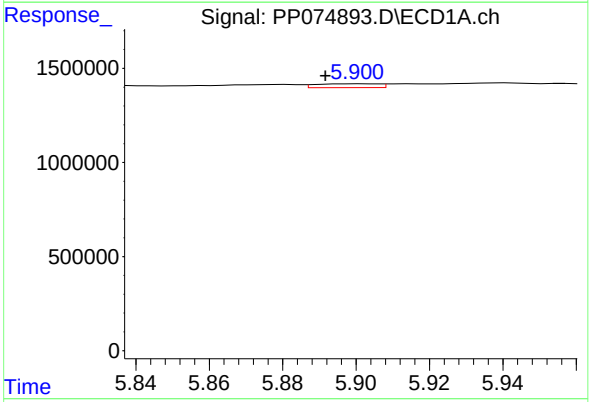
R.T.: 5.808 min
Delta R.T.: -0.020 min
Response: 825687
Conc: 14.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-076-IDWGW-20250903



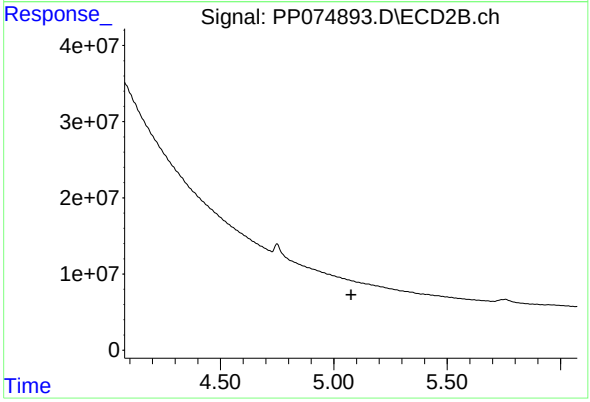
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.957 min
Response: 0
Conc: N.D.



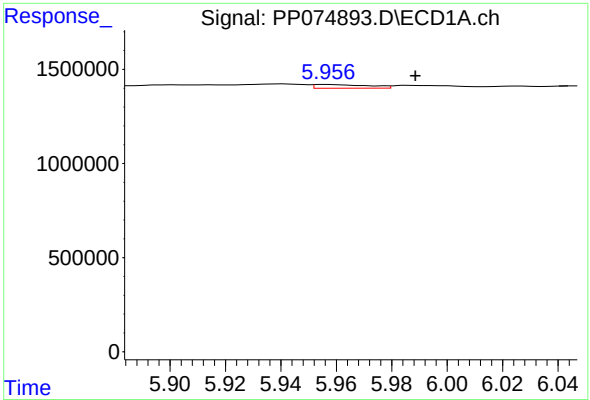
#18 AR-1242-3

R.T.: 5.901 min
Delta R.T.: 0.009 min
Response: 238791
Conc: 5.88 ng/ml



#18 AR-1242-3

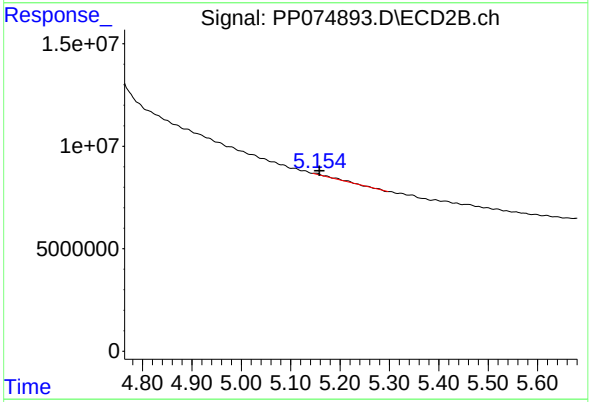
R.T.: 0.000 min
Exp R.T. : 5.076 min
Response: 0
Conc: N.D.



#19 AR-1242-4

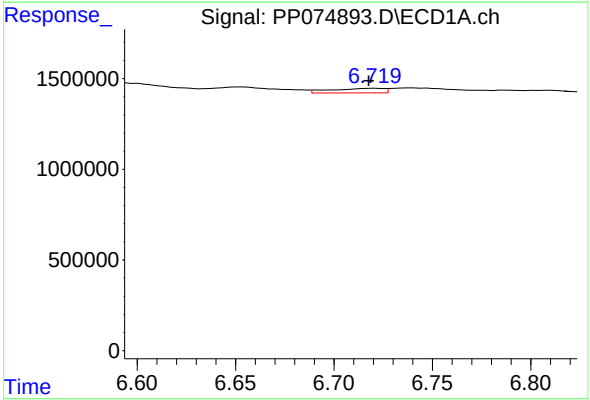
R.T.: 5.957 min
Delta R.T.: -0.031 min
Response: 271617
Conc: 8.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-076-IDWGW-20250903



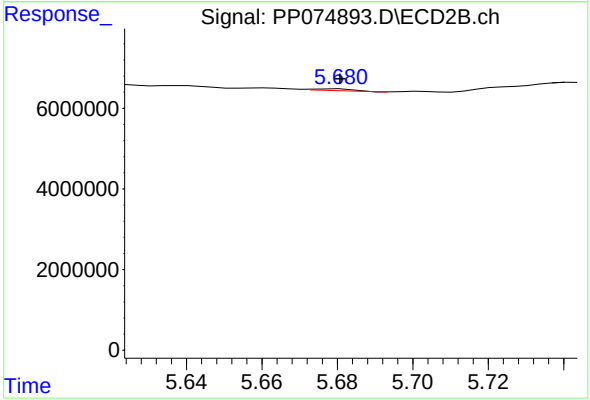
#19 AR-1242-4

R.T.: 5.150 min
Delta R.T.: -0.007 min
Response: 1881139
Conc: 10.99 ng/ml



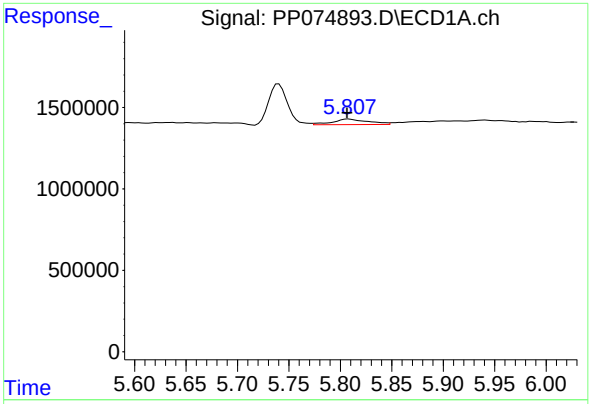
#20 AR-1242-5

R.T.: 6.720 min
Delta R.T.: 0.003 min
Response: 469167
Conc: 13.01 ng/ml



#20 AR-1242-5

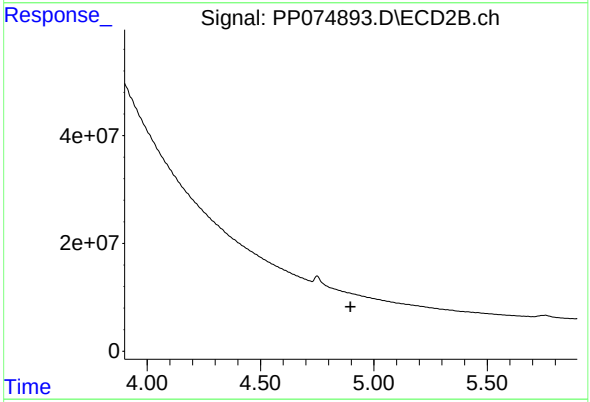
R.T.: 5.680 min
Delta R.T.: 0.000 min
Response: 330893
Conc: 1.79 ng/ml



#21 AR-1248-1

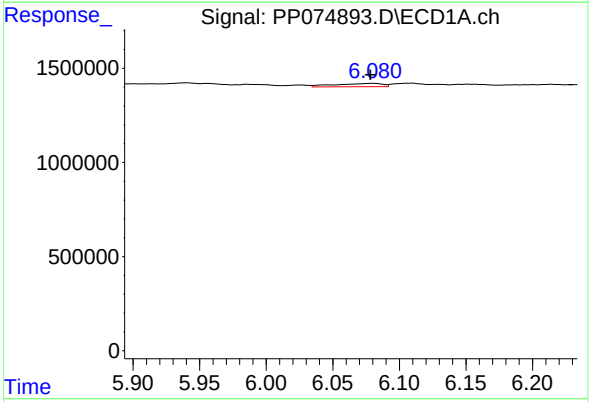
R.T.: 5.808 min
Delta R.T.: 0.001 min
Response: 825687
Conc: 27.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-076-IDWGW-20250903



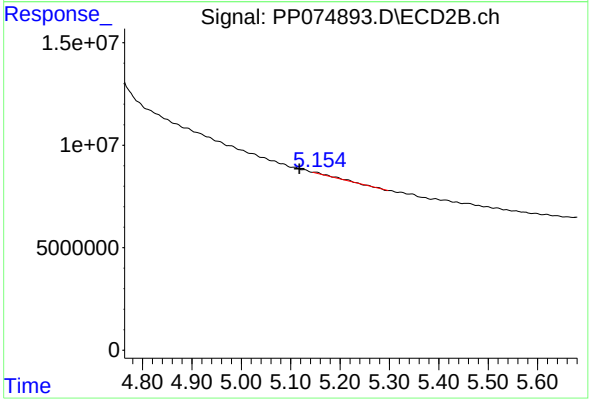
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.



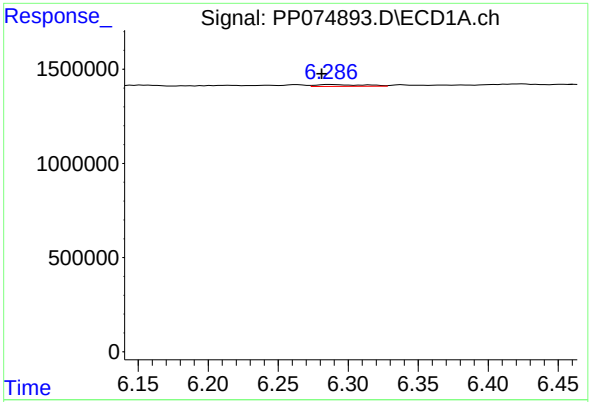
#22 AR-1248-2

R.T.: 6.081 min
Delta R.T.: 0.003 min
Response: 424318
Conc: 9.85 ng/ml



#22 AR-1248-2

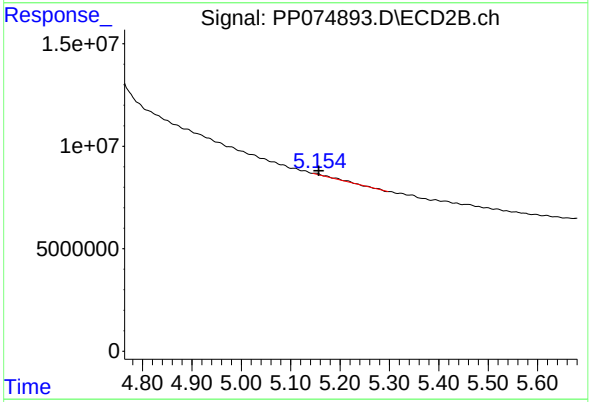
R.T.: 5.150 min
Delta R.T.: 0.033 min
Response: 1881139
Conc: 10.64 ng/ml



#23 AR-1248-3

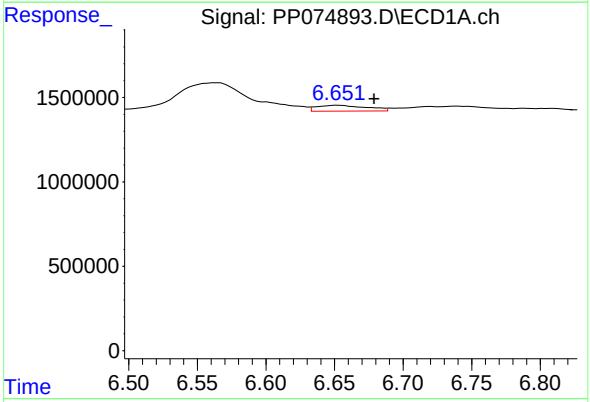
R.T.: 6.287 min
Delta R.T.: 0.006 min
Response: 223995
Conc: 4.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-076-IDWGW-20250903



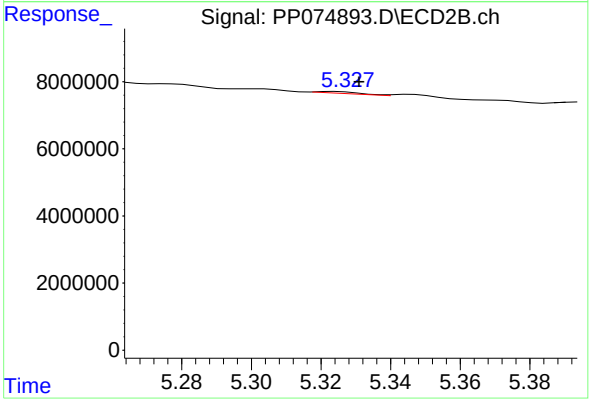
#23 AR-1248-3

R.T.: 5.150 min
Delta R.T.: -0.007 min
Response: 1881139
Conc: 8.28 ng/ml



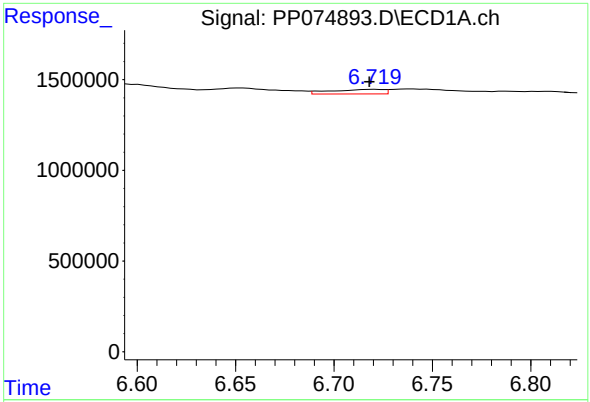
#24 AR-1248-4

R.T.: 6.652 min
Delta R.T.: -0.026 min
Response: 869030
Conc: 15.80 ng/ml



#24 AR-1248-4

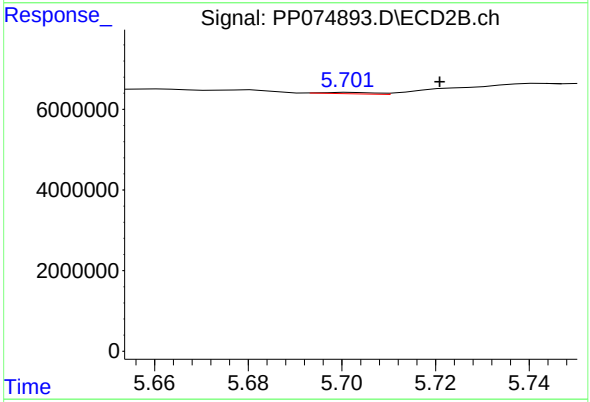
R.T.: 5.324 min
Delta R.T.: -0.007 min
Response: 467178
Conc: 2.14 ng/ml



#25 AR-1248-5

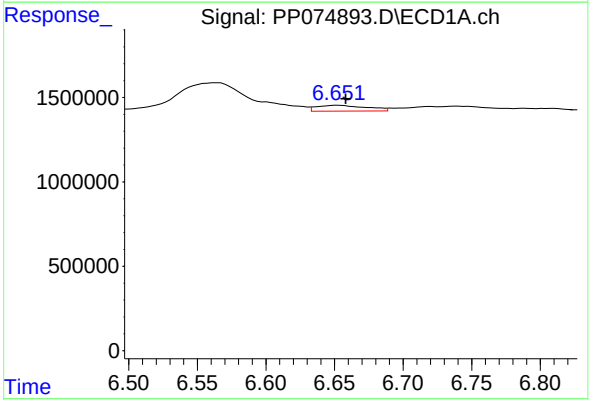
R.T.: 6.720 min
Delta R.T.: 0.002 min
Response: 469167
Conc: 8.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-076-IDWGW-20250903



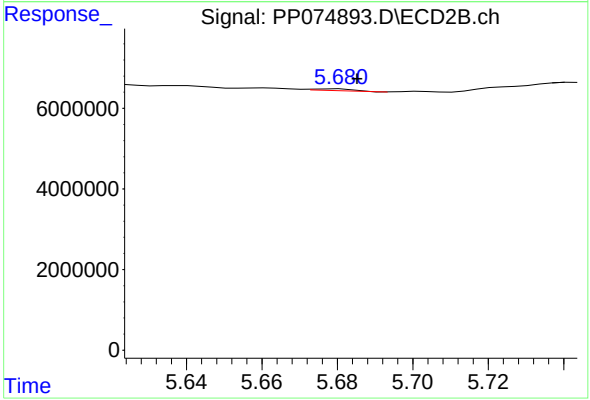
#25 AR-1248-5

R.T.: 5.702 min
Delta R.T.: -0.019 min
Response: 260087
Conc: 0.71 ng/ml



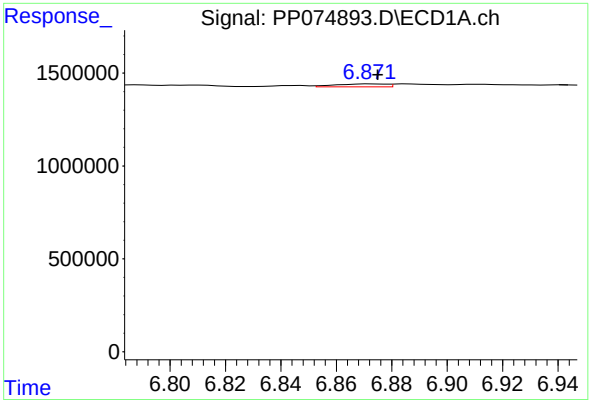
#26 AR-1254-1

R.T.: 6.652 min
Delta R.T.: -0.006 min
Response: 869030
Conc: 14.91 ng/ml



#26 AR-1254-1

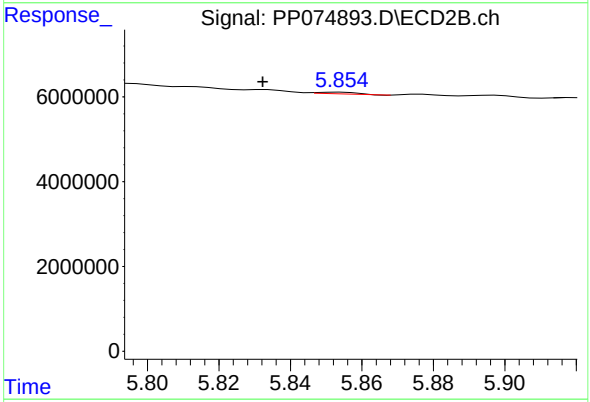
R.T.: 5.680 min
Delta R.T.: -0.005 min
Response: 330893
Conc: 0.69 ng/ml



#27 AR-1254-2

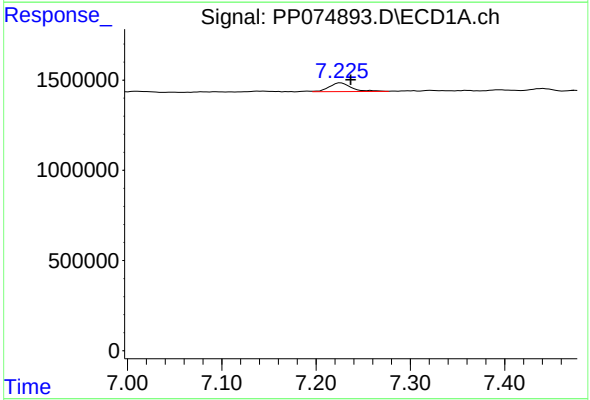
R.T.: 6.872 min
Delta R.T.: -0.003 min
Response: 201793
Conc: 2.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-076-IDWGW-20250903



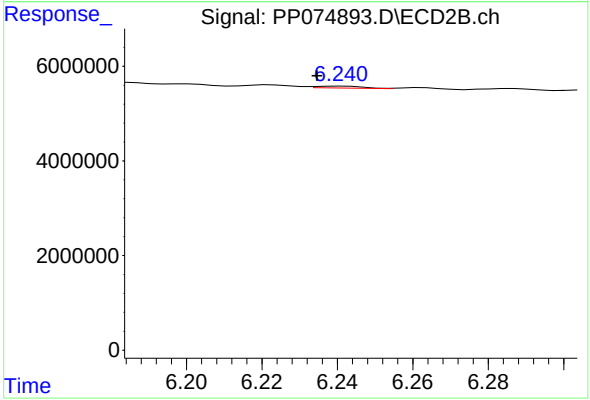
#27 AR-1254-2

R.T.: 5.854 min
Delta R.T.: 0.022 min
Response: 306727
Conc: 0.87 ng/ml



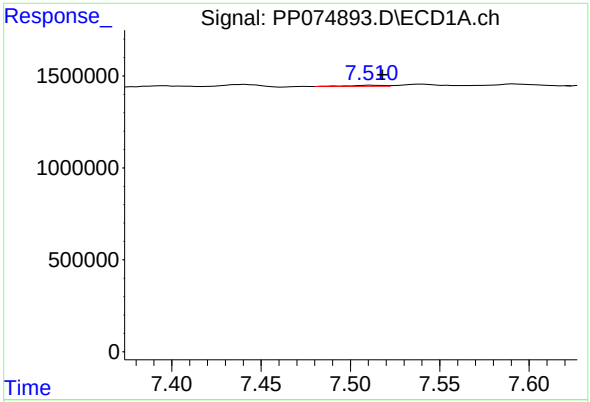
#28 AR-1254-3

R.T.: 7.226 min
Delta R.T.: -0.011 min
Response: 791771
Conc: 8.88 ng/ml



#28 AR-1254-3

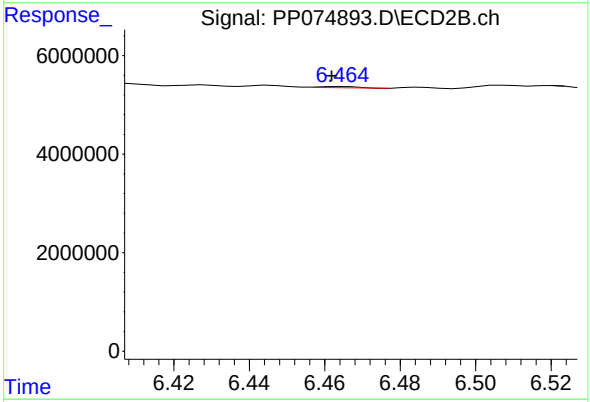
R.T.: 6.241 min
Delta R.T.: 0.007 min
Response: 341070
Conc: 0.55 ng/ml



#29 AR-1254-4

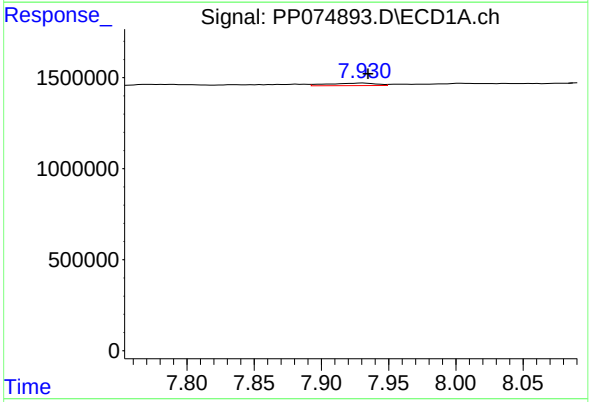
R.T.: 7.512 min
Delta R.T.: -0.006 min
Response: 79167
Conc: 1.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-076-IDWGW-20250903



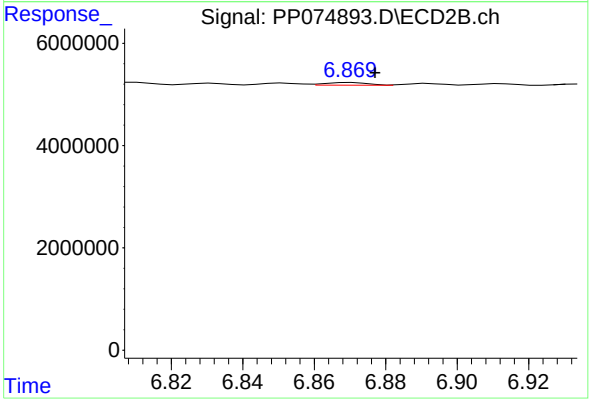
#29 AR-1254-4

R.T.: 6.465 min
Delta R.T.: 0.003 min
Response: 185114
Conc: 0.40 ng/ml



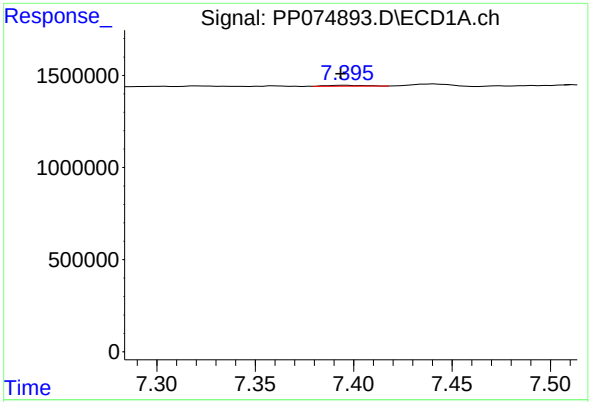
#30 AR-1254-5

R.T.: 7.931 min
Delta R.T.: -0.003 min
Response: 344739
Conc: 4.15 ng/ml



#30 AR-1254-5

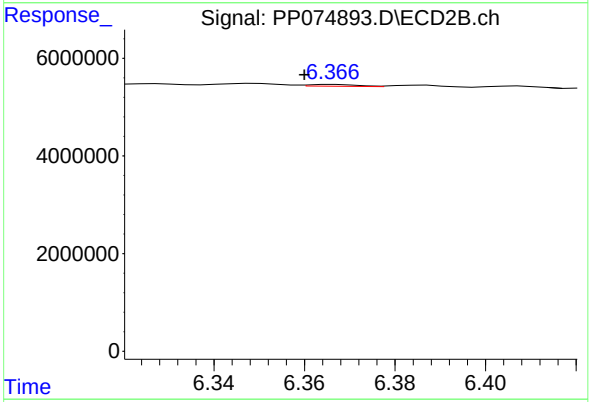
R.T.: 6.871 min
Delta R.T.: -0.006 min
Response: 436407
Conc: 0.89 ng/ml



#31 AR-1260-1

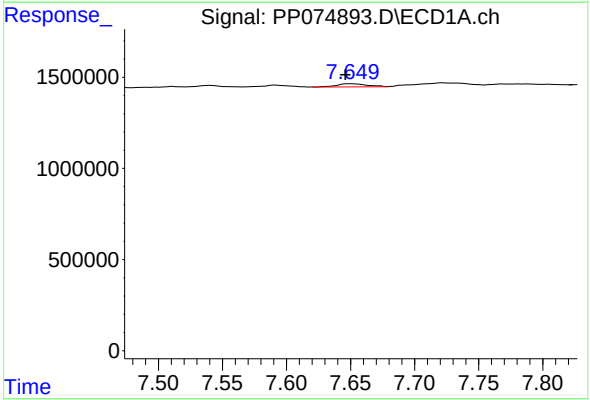
R.T.: 7.396 min
Delta R.T.: 0.003 min
Response: 63938
Conc: 1.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-076-IDWGW-20250903



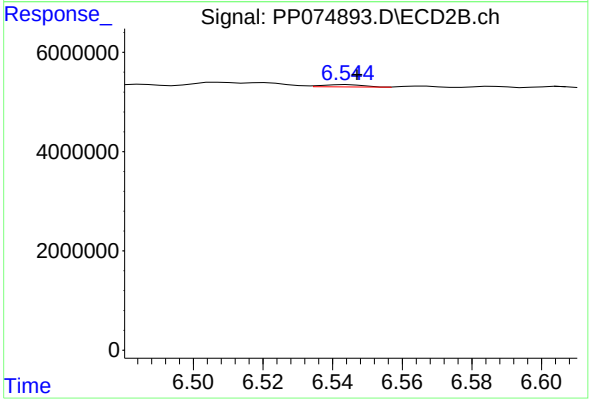
#31 AR-1260-1

R.T.: 6.367 min
Delta R.T.: 0.007 min
Response: 274295
Conc: 0.73 ng/ml



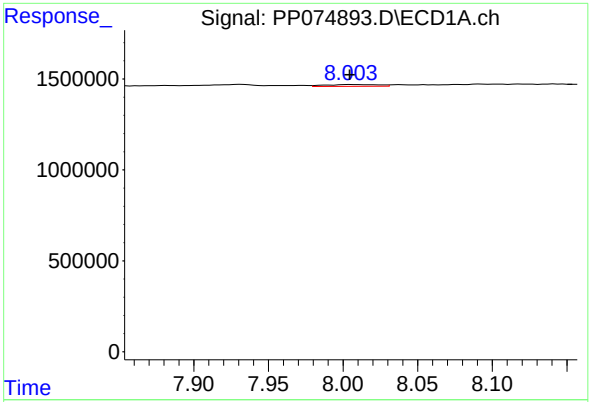
#32 AR-1260-2

R.T.: 7.651 min
Delta R.T.: 0.005 min
Response: 278818
Conc: 4.05 ng/ml



#32 AR-1260-2

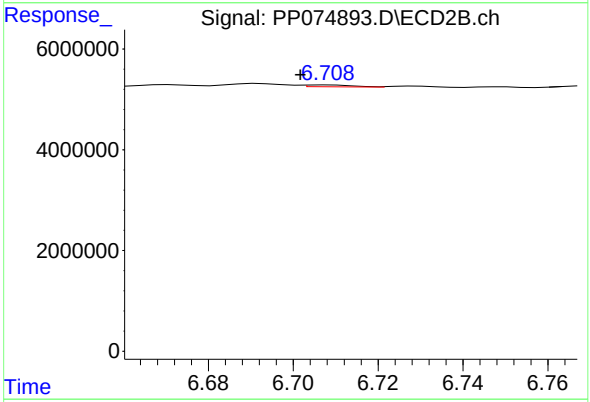
R.T.: 6.544 min
Delta R.T.: -0.003 min
Response: 379368
Conc: 0.72 ng/ml



#33 AR-1260-3

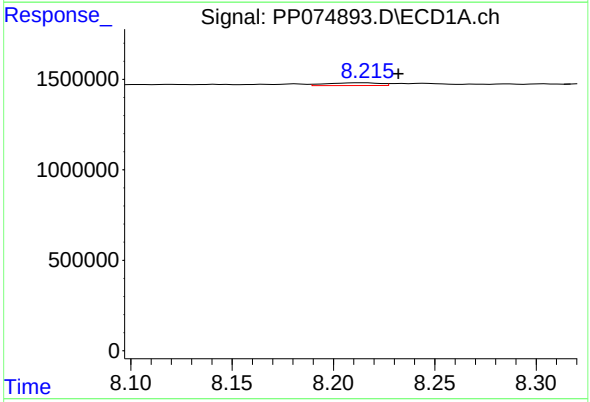
R.T.: 8.005 min
Delta R.T.: 0.000 min
Response: 249518
Conc: 4.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-076-IDWGW-20250903



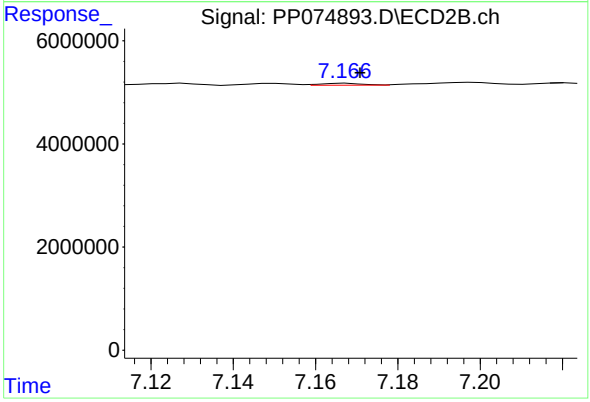
#33 AR-1260-3

R.T.: 6.709 min
Delta R.T.: 0.007 min
Response: 300142
Conc: 0.69 ng/ml



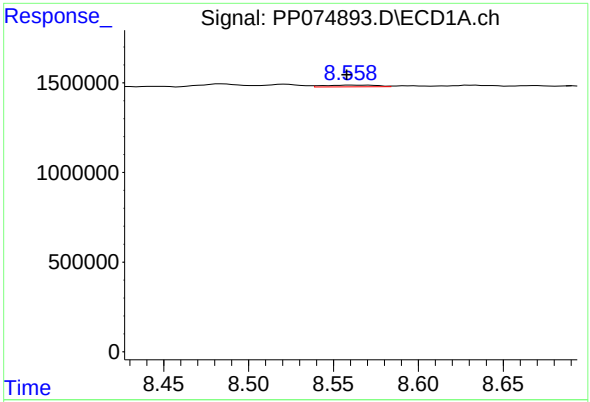
#34 AR-1260-4

R.T.: 8.215 min
Delta R.T.: -0.017 min
Response: 272533
Conc: 4.27 ng/ml



#34 AR-1260-4

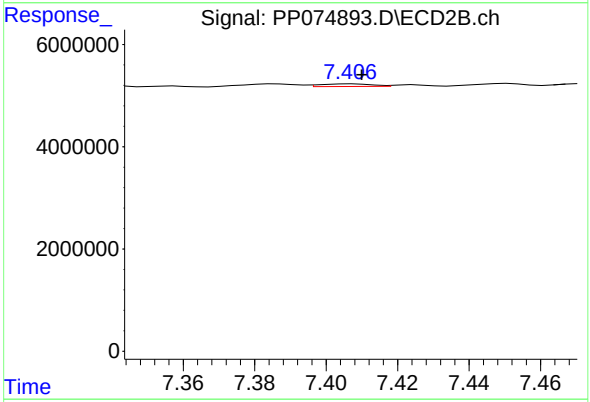
R.T.: 7.168 min
Delta R.T.: -0.003 min
Response: 267835
Conc: 0.70 ng/ml



#35 AR-1260-5

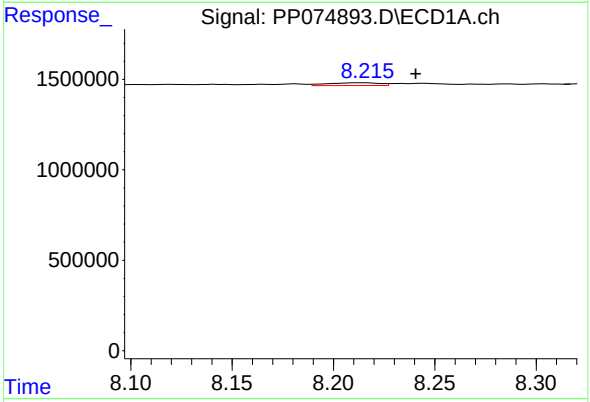
R.T.: 8.560 min
Delta R.T.: 0.003 min
Response: 203702
Conc: 1.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-076-IDWGW-20250903



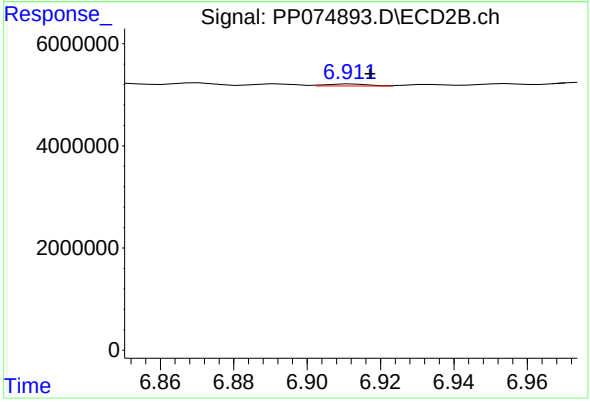
#35 AR-1260-5

R.T.: 7.407 min
Delta R.T.: -0.003 min
Response: 502166
Conc: 0.50 ng/ml



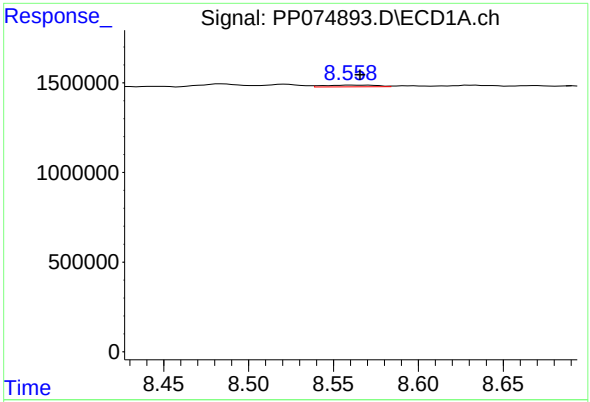
#36 AR-1262-1

R.T.: 8.215 min
Delta R.T.: -0.025 min
Response: 272533
Conc: 3.54 ng/ml



#36 AR-1262-1

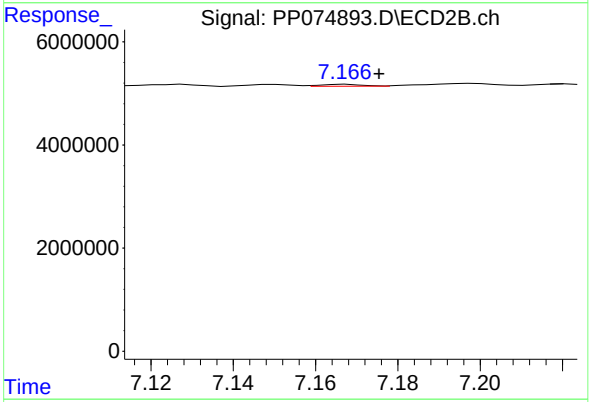
R.T.: 6.912 min
Delta R.T.: -0.005 min
Response: 317371
Conc: 0.45 ng/ml



#37 AR-1262-2

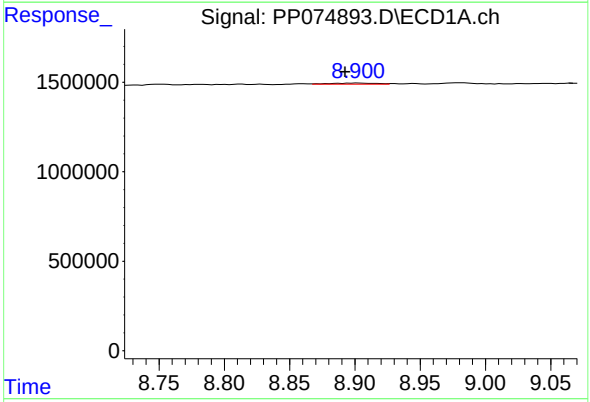
R.T.: 8.560 min
Delta R.T.: -0.005 min
Response: 203702
Conc: 1.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-076-IDWGW-20250903



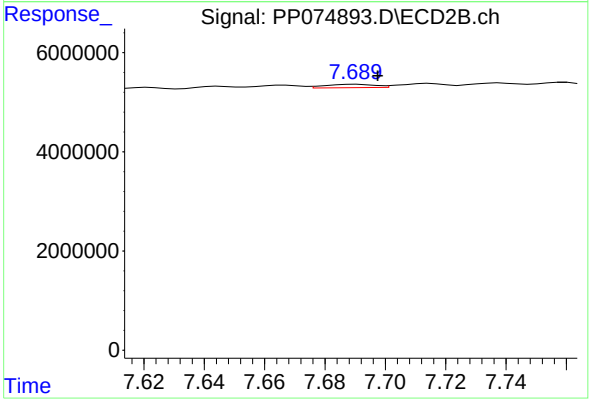
#37 AR-1262-2

R.T.: 7.168 min
Delta R.T.: -0.008 min
Response: 267835
Conc: 0.51 ng/ml



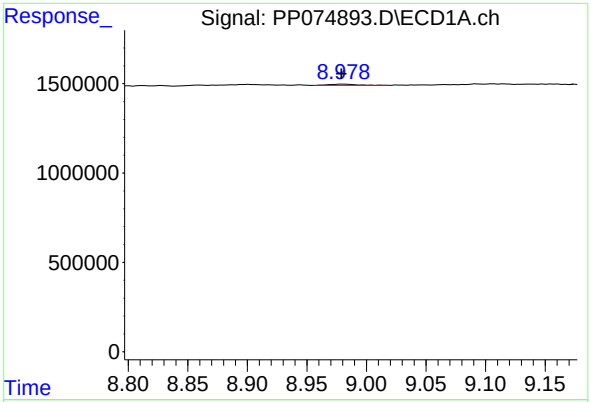
#38 AR-1262-3

R.T.: 8.902 min
Delta R.T.: 0.010 min
Response: 147862
Conc: 1.52 ng/ml



#38 AR-1262-3

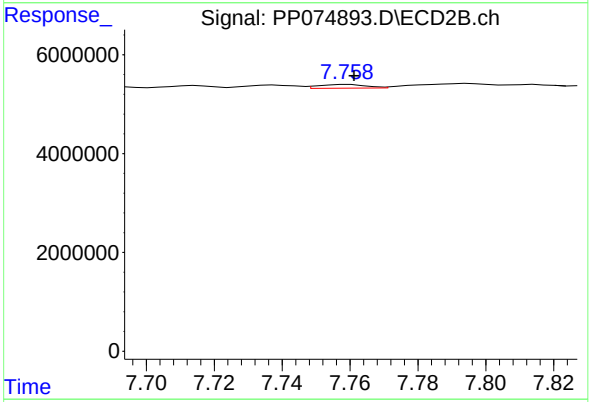
R.T.: 7.690 min
Delta R.T.: -0.007 min
Response: 781481
Conc: 1.68 ng/ml



#39 AR-1262-4

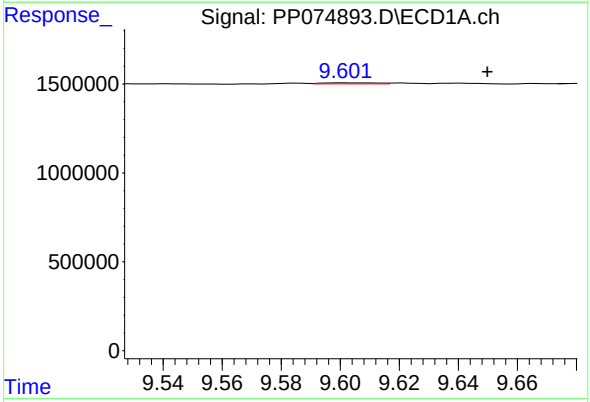
R.T.: 8.981 min
Delta R.T.: 0.002 min
Response: 111886
Conc: 1.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-076-IDWGW-20250903



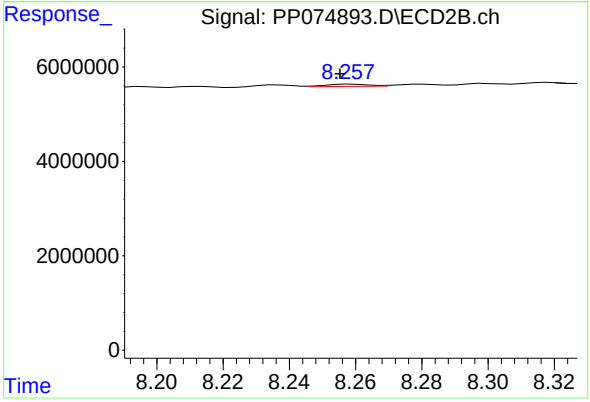
#39 AR-1262-4

R.T.: 7.759 min
Delta R.T.: -0.002 min
Response: 752055
Conc: 0.92 ng/ml



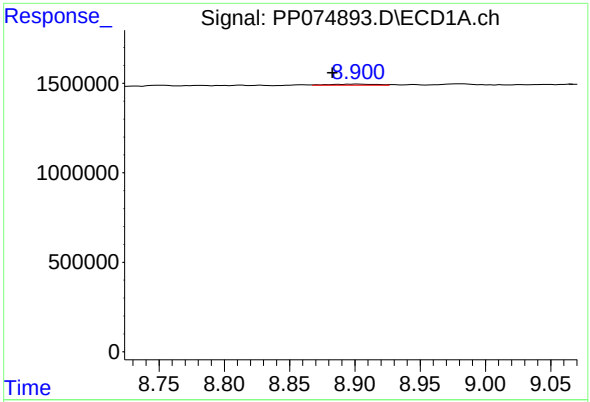
#40 AR-1262-5

R.T.: 9.602 min
Delta R.T.: -0.048 min
Response: 79521
Conc: 1.30 ng/ml



#40 AR-1262-5

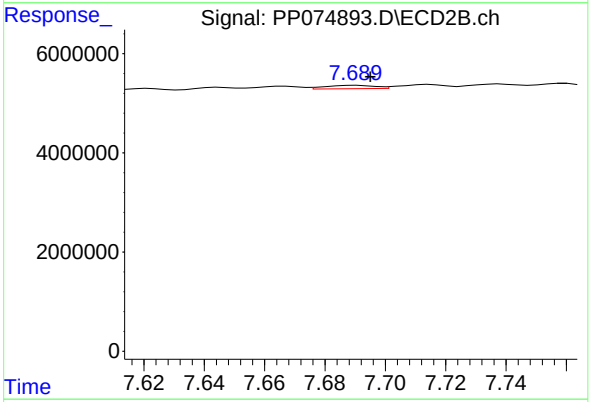
R.T.: 8.259 min
Delta R.T.: 0.004 min
Response: 411818
Conc: 1.15 ng/ml



#41 AR-1268-1

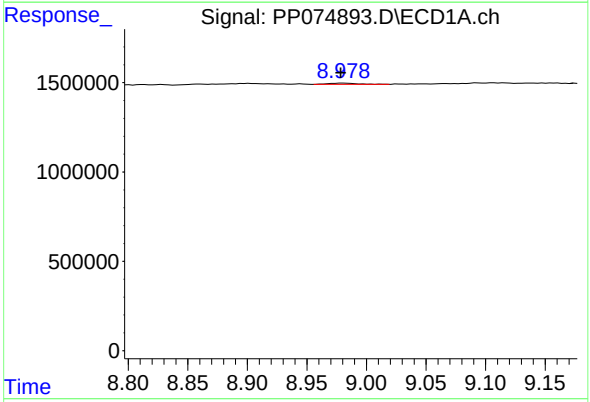
R.T.: 8.902 min
Delta R.T.: 0.019 min
Response: 147862
Conc: 0.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-076-IDWGW-20250903



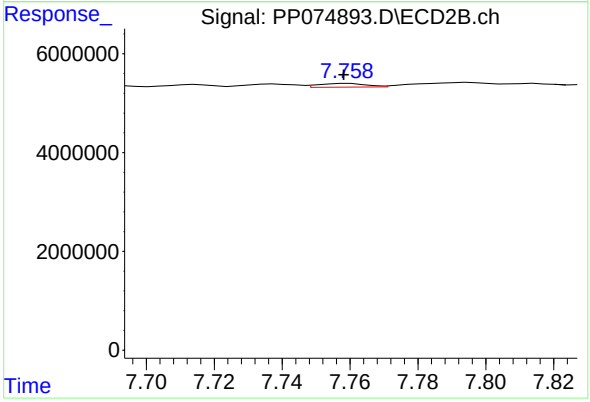
#41 AR-1268-1

R.T.: 7.690 min
Delta R.T.: -0.005 min
Response: 781481
Conc: 0.55 ng/ml



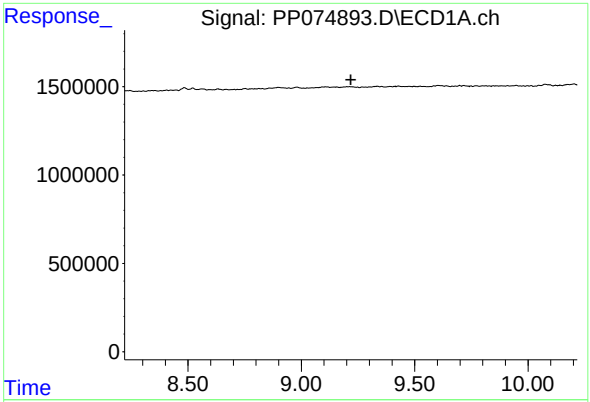
#42 AR-1268-2

R.T.: 8.981 min
Delta R.T.: 0.002 min
Response: 111886
Conc: 0.76 ng/ml



#42 AR-1268-2

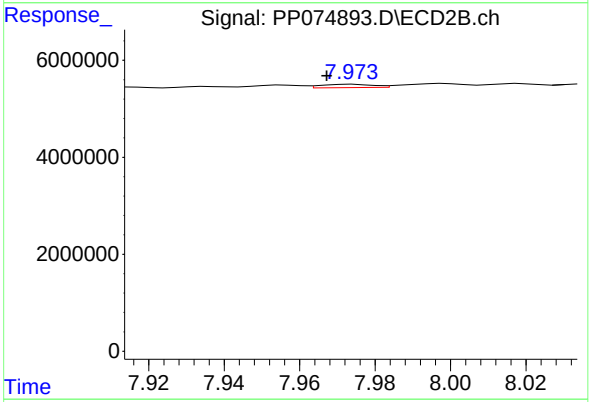
R.T.: 7.759 min
Delta R.T.: 0.001 min
Response: 752055
Conc: 0.55 ng/ml



#43 AR-1268-3

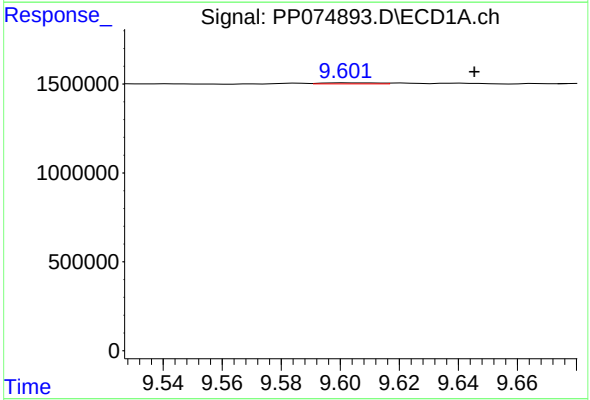
R.T.: 0.000 min
Exp R.T. : 9.219 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TT-076-IDWGW-20250903



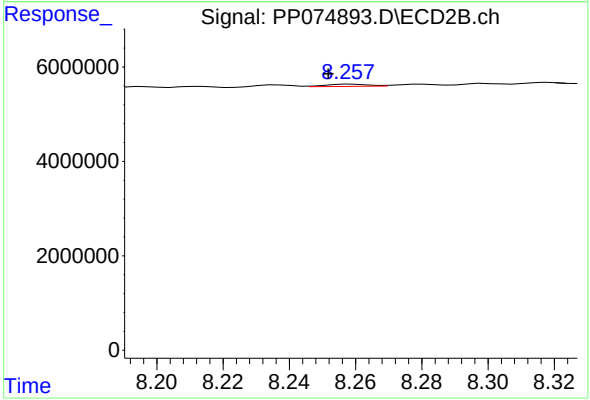
#43 AR-1268-3

R.T.: 7.974 min
Delta R.T.: 0.007 min
Response: 659706
Conc: 0.63 ng/ml



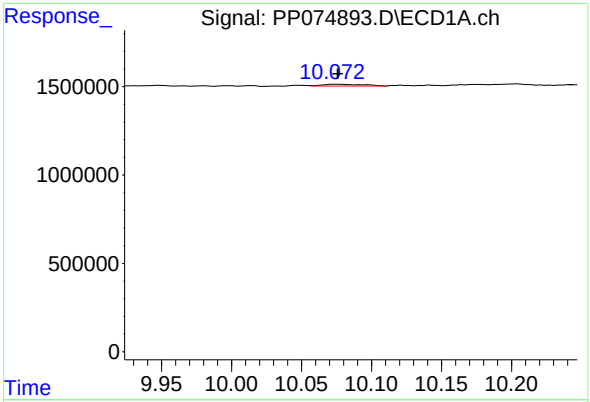
#44 AR-1268-4

R.T.: 9.602 min
Delta R.T.: -0.043 min
Response: 79521
Conc: 1.18 ng/ml



#44 AR-1268-4

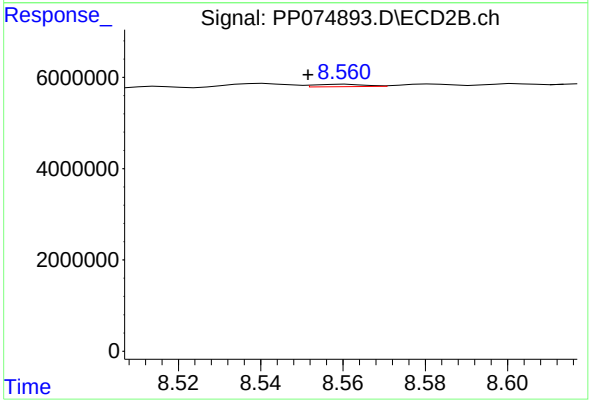
R.T.: 8.259 min
Delta R.T.: 0.007 min
Response: 411818
Conc: 1.07 ng/ml



#45 AR-1268-5

R.T.: 10.074 min
Delta R.T.: -0.002 min
Response: 201297
Conc: 0.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-076-IDWGW-20250903



#45 AR-1268-5

R.T.: 8.561 min
Delta R.T.: 0.009 min
Response: 448767
Conc: 0.14 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074894.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 11:46
Operator : YP\AJ
Sample : Q3017-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TT-077-IDWGW-20250903

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:36:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
2)	SA Decachlor...	10.437	8.810	19955169	126.6E6	20.208	16.877	
	Target Compounds							
3)	L1 AR-1016-1	5.811	0.000	907767	0	20.589	N.D.	#
4)	L1 AR-1016-2	5.831	0.000	1800657	0	28.654	N.D.	#
5)	L1 AR-1016-3	5.888	5.111f	2426572	505818	54.027	3.668	#
6)	L1 AR-1016-4	5.991	5.111	1178257	505818	33.491	3.618	#
7)	L1 AR-1016-5	6.284	5.327	783673	1652407	23.615	9.949	#
8)	L2 AR-1221-1	4.858	0.000	333136	0	18.936	N.D.	#
9)	L2 AR-1221-2	4.962	0.000	498651	0	37.332	N.D.	#
10)	L2 AR-1221-3	4.962f	0.000	498651	0	13.153	N.D.	#
11)	L3 AR-1232-1	4.962f	0.000	498651	0	16.417	N.D.	#
12)	L3 AR-1232-2	5.513	0.000	1055553	0	66.984	N.D.	#
13)	L3 AR-1232-3	5.831	5.111f	1800657	505818	58.953	8.422	#
14)	L3 AR-1232-4	5.991	5.149	1178257	2607283	68.229	35.373	#
15)	L3 AR-1232-5	6.078	5.327	2874996	1652407	221.478	26.616	#
16)	L4 AR-1242-1	5.811	0.000	907767	0	23.717	N.D.	#
17)	L4 AR-1242-2	5.831	0.000	1800657	0	31.880	N.D.	#
18)	L4 AR-1242-3	5.888	5.111f	2426572	505818	59.763	4.276	#
19)	L4 AR-1242-4	5.991	5.149	1178257	2607283	37.120	15.233	#
20)	L4 AR-1242-5	6.732	5.674	2590691	359809	71.823	1.943	#
21)	L5 AR-1248-1	5.811	0.000	907767	0	30.035	N.D.	#
22)	L5 AR-1248-2	6.078	5.111	2874996	505818	66.711	2.862	#
23)	L5 AR-1248-3	6.284	5.149	783673	2607283	16.780	11.476	#
24)	L5 AR-1248-4	6.658	5.327	2379147	1652407	43.257	7.579	#
25)	L5 AR-1248-5	6.732	5.694	2590691	307591	46.704	0.837	#
26)	L6 AR-1254-1	6.658	5.694	2379147	307591	40.830	0.645	#
27)	L6 AR-1254-2	6.869	5.835	452725	1021181	5.547	2.900	#
28)	L6 AR-1254-3	7.230	6.237	2159153	1067592	24.204	1.722	#
30)	L6 AR-1254-5	7.881f	6.873	325284	241773	3.915	0.493	#
31)	L7 AR-1260-1	7.399	6.355	44397	938679	0.768	2.502	#
32)	L7 AR-1260-2	7.665	6.561	517435	611512	7.508	1.156	#
33)	L7 AR-1260-3	0.000	6.702	0	588933	N.D.	1.360	#
34)	L7 AR-1260-4	8.214	7.172	873147	749330	13.687	1.964	#
35)	L7 AR-1260-5	8.523	7.416	762710	607596	6.725	0.605	#
36)	L8 AR-1262-1	8.214	6.911	873147	142776	11.337	0.202	#
37)	L8 AR-1262-2	8.523f	7.172	762710	749330	5.761	1.439	#
38)	L8 AR-1262-3	0.000	7.690	0	1423045	N.D.	3.052	#
39)	L8 AR-1262-4	8.980	7.751	134797	1484479	1.789	1.806	
40)	L8 AR-1262-5	9.608f	8.263	157923	320530	2.591	0.895	#
41)	L9 AR-1268-1	0.000	7.690	0	1423045	N.D.	1.009	#
42)	L9 AR-1268-2	8.980	7.751	134797	1484479	0.919	1.089	
43)	L9 AR-1268-3	0.000	7.961	0	1633242	N.D.	1.566	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074894.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 11:46
Operator : YP\AJ
Sample : Q3017-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TT-077-IDWGW-20250903

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:36:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	9.608f	8.244	157923	491113	2.348	1.282 #
45) L9	AR-1268-5	10.088	8.544	99606	673233	0.269	0.215

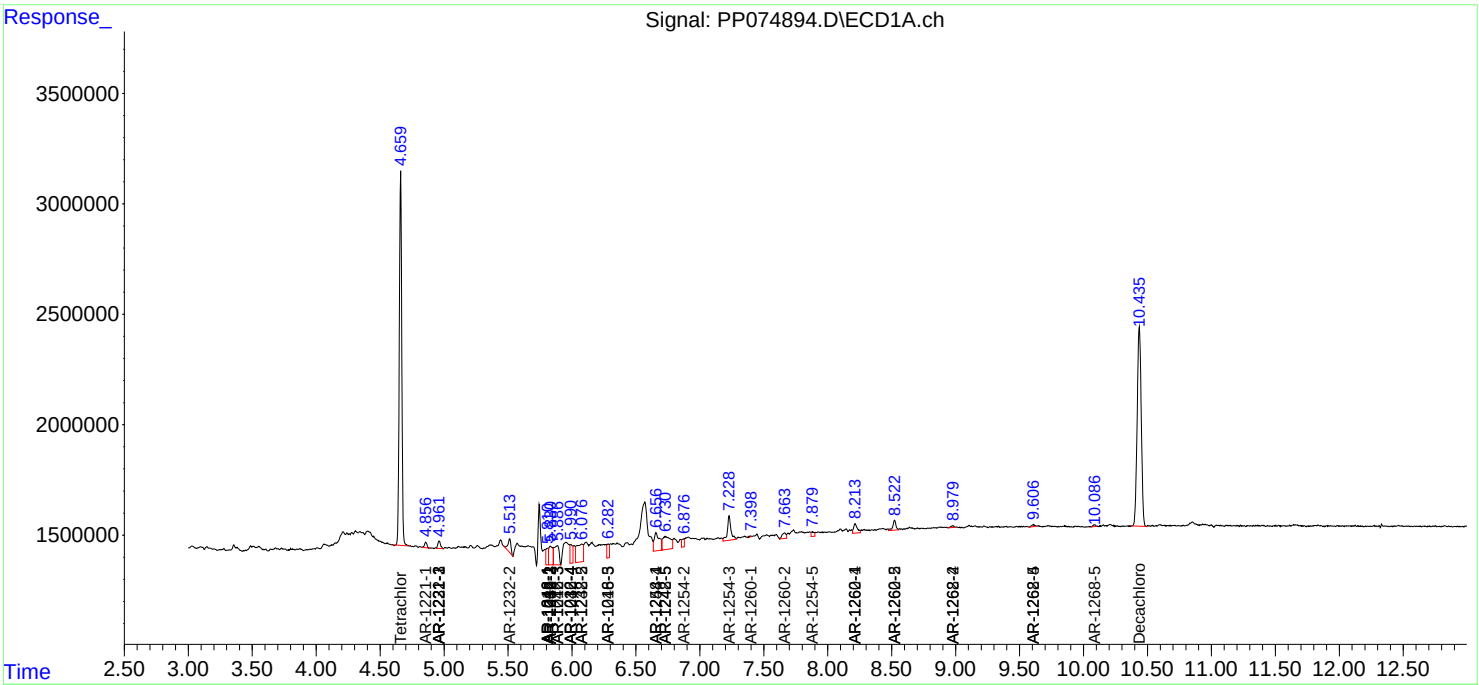
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

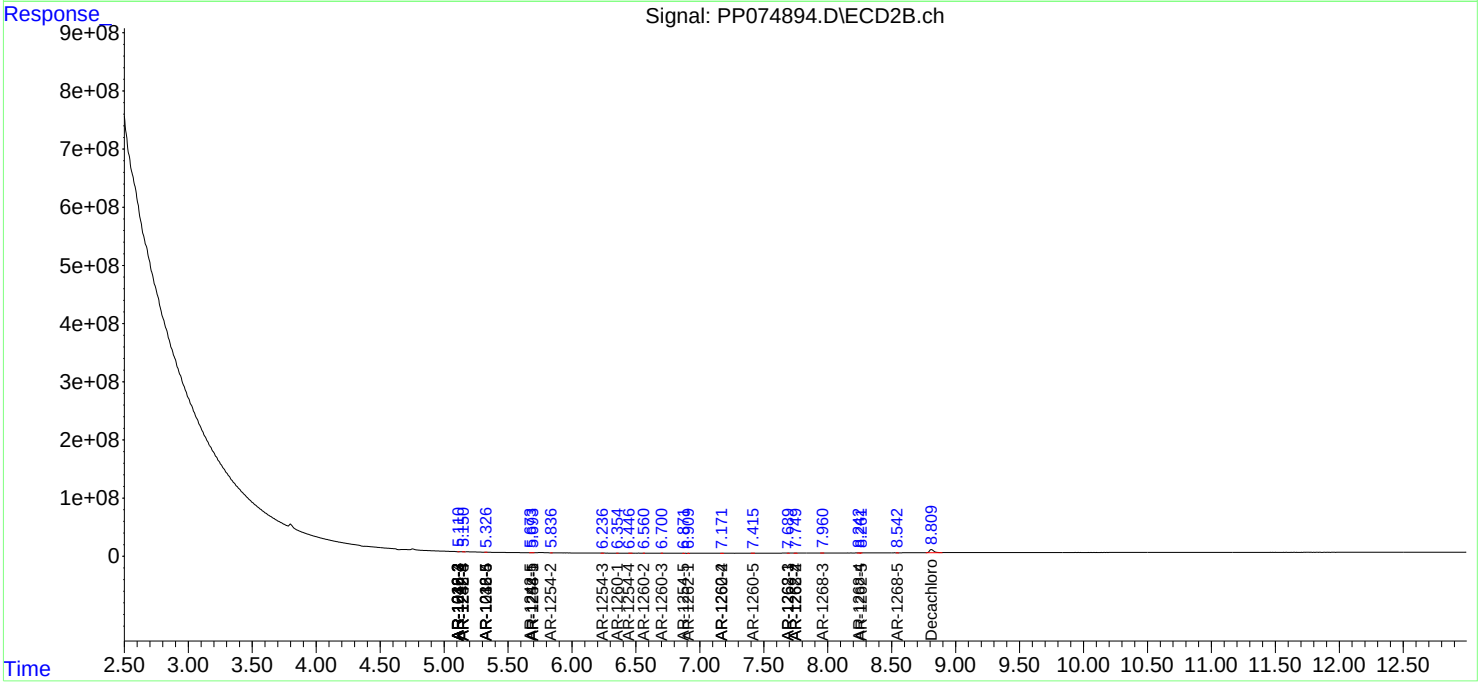
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074894.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 11:46
Operator : YP\AJ
Sample : Q3017-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

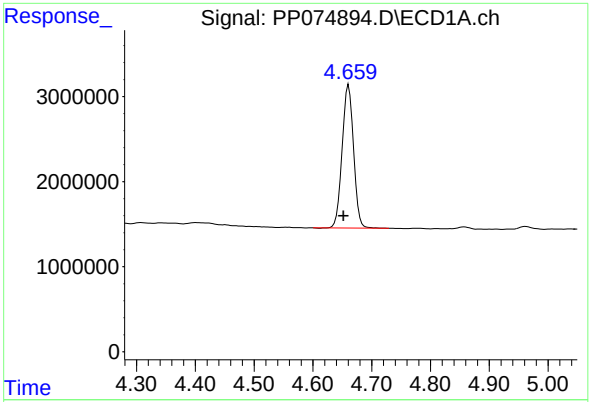
Instrument :
ECD_P
ClientSampleId :
TT-077-IDWGW-20250903

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:36:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



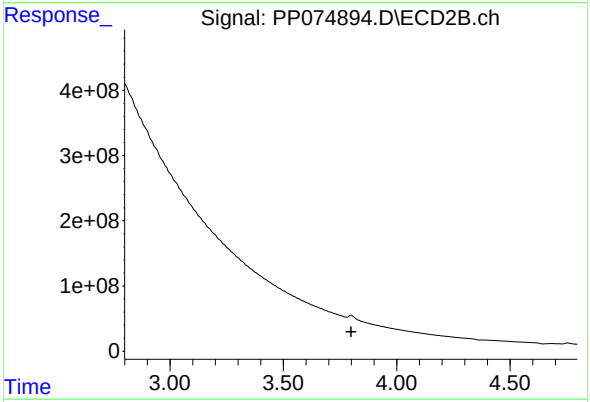




#1 Tetrachloro-m-xylene

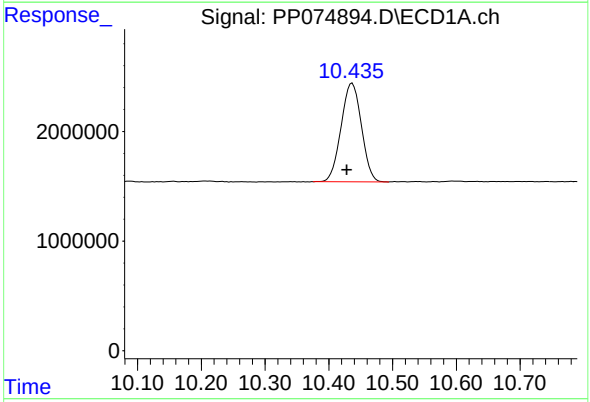
R.T.: 4.661 min
Delta R.T.: 0.009 min
Response: 22746916
Conc: 18.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-077-IDWGW-20250903



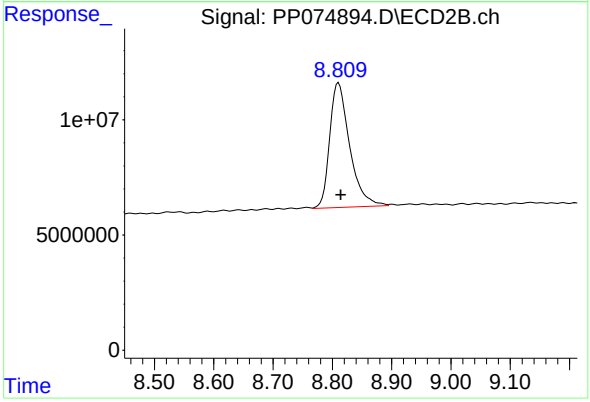
#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: -725467070
Conc: N.D.



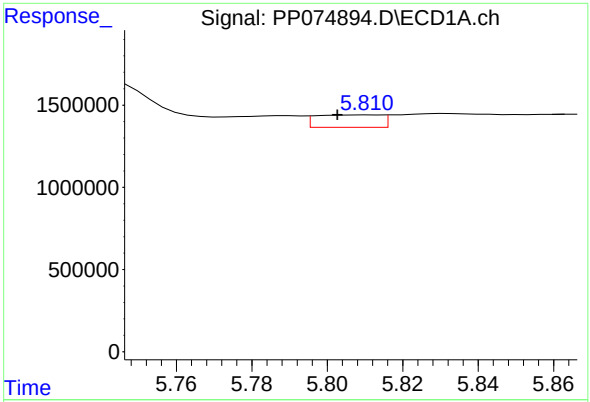
#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.008 min
Response: 19955169
Conc: 20.21 ng/ml



#2 Decachlorobiphenyl

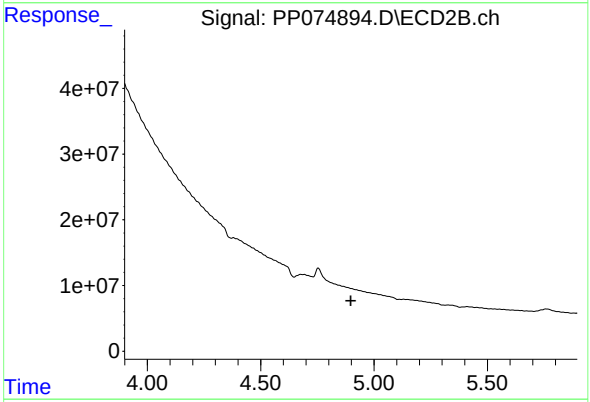
R.T.: 8.810 min
Delta R.T.: -0.003 min
Response: 126561882
Conc: 16.88 ng/ml



#3 AR-1016-1

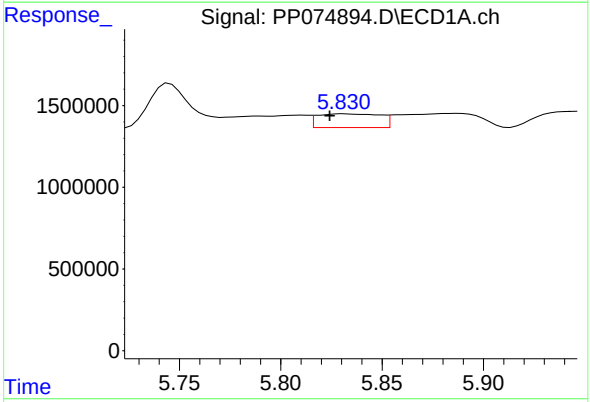
R.T.: 5.811 min
Delta R.T.: 0.008 min
Response: 907767
Conc: 20.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-077-IDWGW-20250903



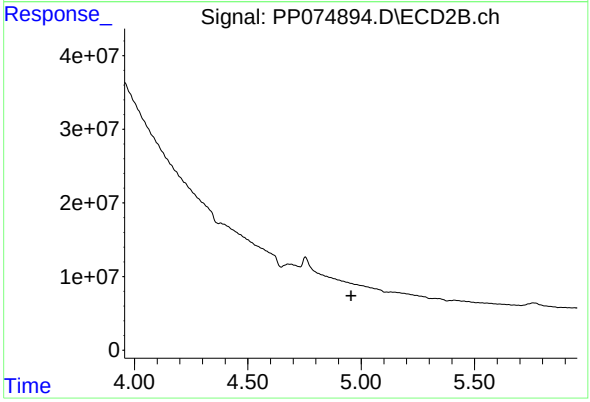
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.



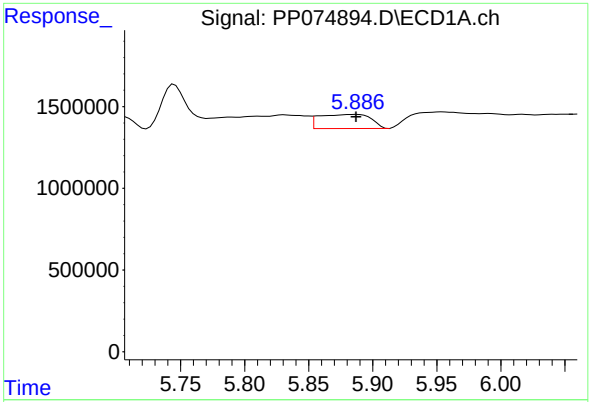
#4 AR-1016-2

R.T.: 5.831 min
Delta R.T.: 0.007 min
Response: 1800657
Conc: 28.65 ng/ml



#4 AR-1016-2

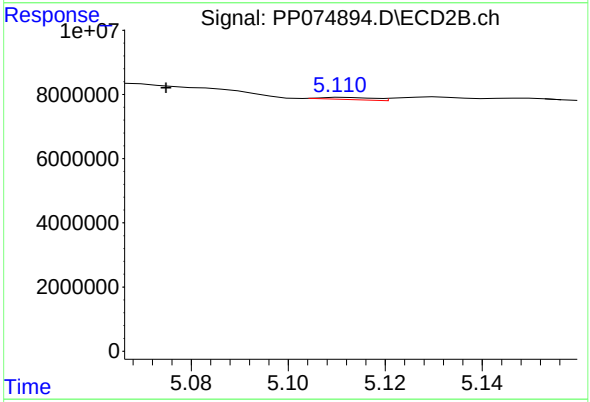
R.T.: 0.000 min
Exp R.T. : 4.956 min
Response: 0
Conc: N.D.



#5 AR-1016-3

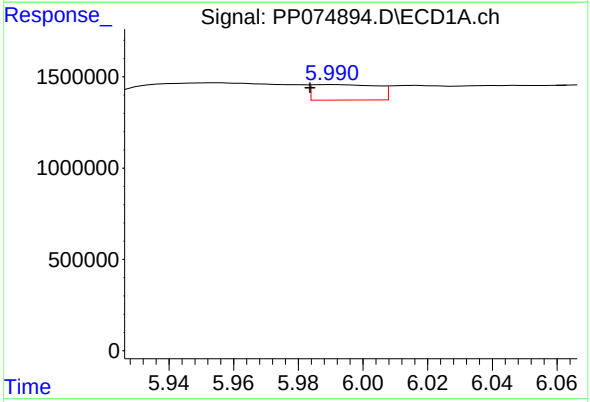
R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 2426572
Conc: 54.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-077-IDWGW-20250903



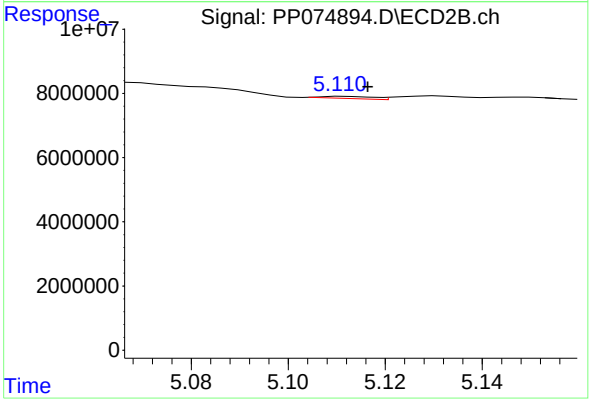
#5 AR-1016-3

R.T.: 5.111 min
Delta R.T.: 0.037 min
Response: 505818
Conc: 3.67 ng/ml



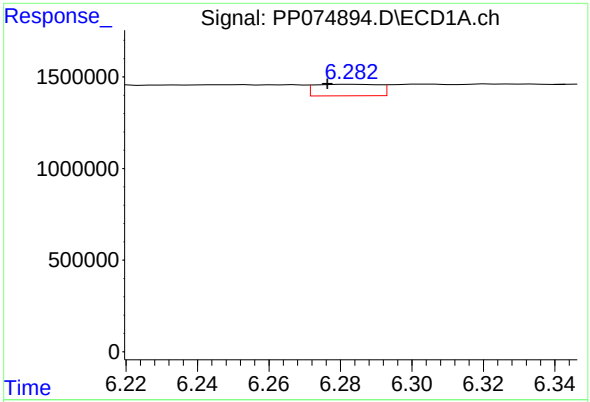
#6 AR-1016-4

R.T.: 5.991 min
Delta R.T.: 0.008 min
Response: 1178257
Conc: 33.49 ng/ml



#6 AR-1016-4

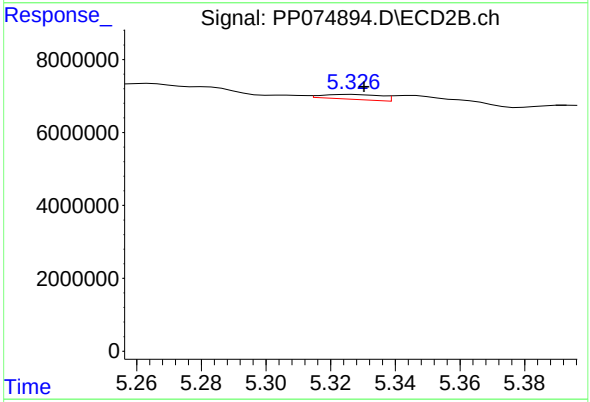
R.T.: 5.111 min
Delta R.T.: -0.005 min
Response: 505818
Conc: 3.62 ng/ml



#7 AR-1016-5

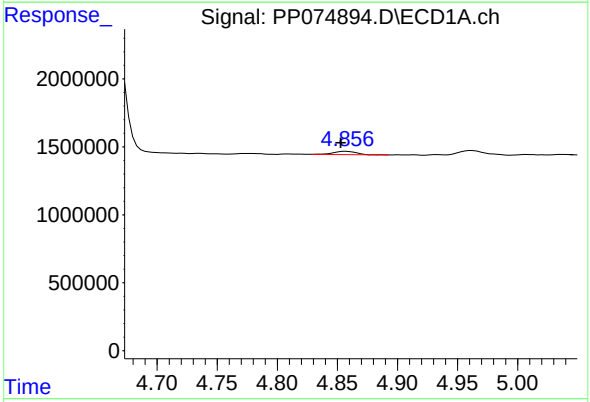
R.T.: 6.284 min
Delta R.T.: 0.007 min
Response: 783673
Conc: 23.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-077-IDWGW-20250903



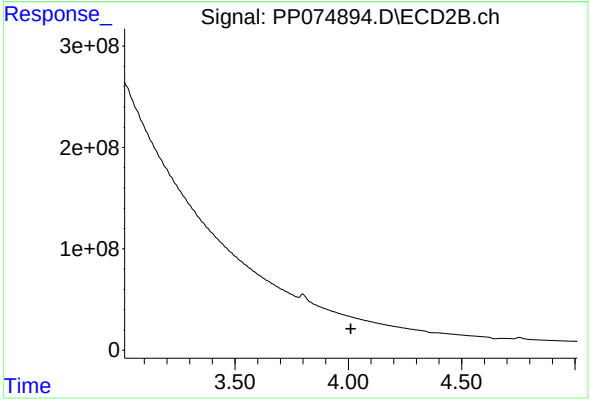
#7 AR-1016-5

R.T.: 5.327 min
Delta R.T.: -0.003 min
Response: 1652407
Conc: 9.95 ng/ml



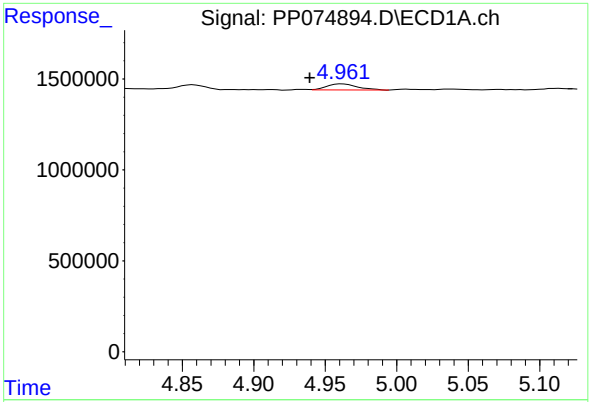
#8 AR-1221-1

R.T.: 4.858 min
Delta R.T.: 0.005 min
Response: 333136
Conc: 18.94 ng/ml



#8 AR-1221-1

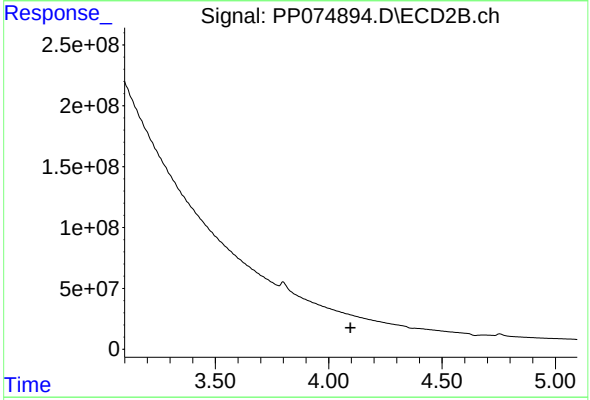
R.T.: 0.000 min
Exp R.T. : 4.011 min
Response: 0
Conc: N.D.



#9 AR-1221-2

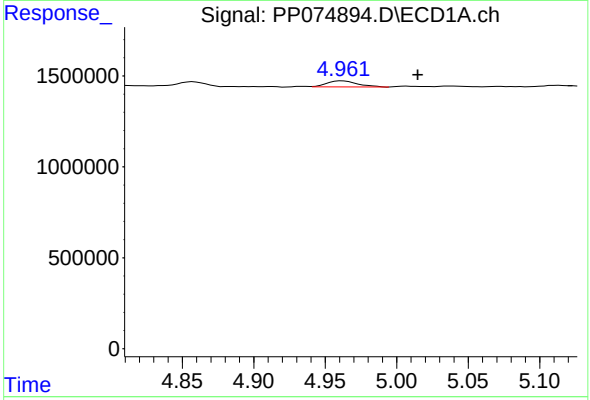
R.T.: 4.962 min
Delta R.T.: 0.023 min
Response: 498651
Conc: 37.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-077-IDWGW-20250903



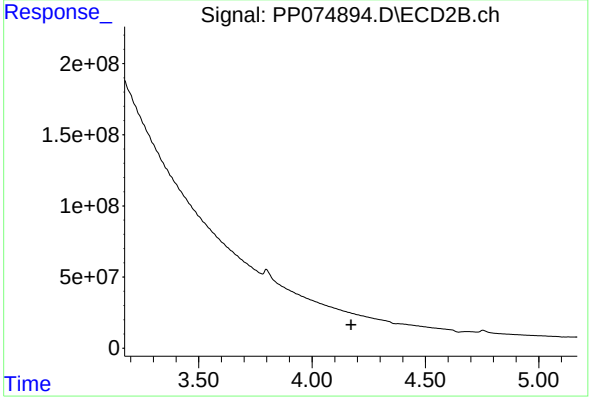
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.097 min
Response: 0
Conc: N.D.



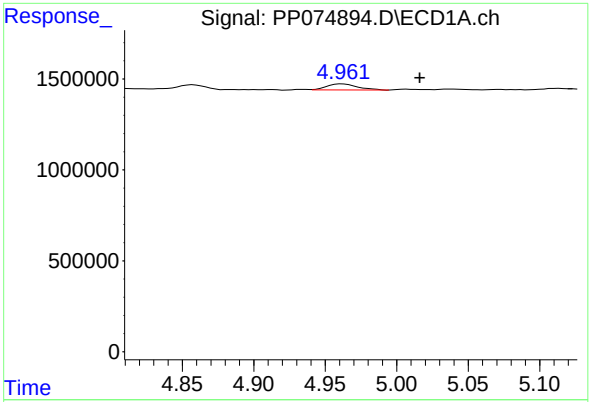
#10 AR-1221-3

R.T.: 4.962 min
Delta R.T.: -0.052 min
Response: 498651
Conc: 13.15 ng/ml



#10 AR-1221-3

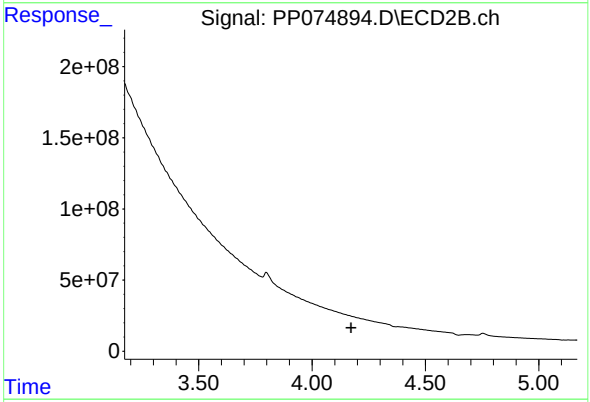
R.T.: 0.000 min
Exp R.T. : 4.173 min
Response: 0
Conc: N.D.



#11 AR-1232-1

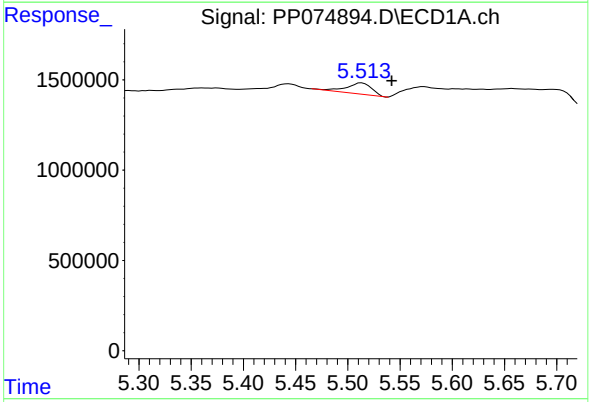
R.T.: 4.962 min
Delta R.T.: -0.054 min
Response: 498651
Conc: 16.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-077-IDWGW-20250903



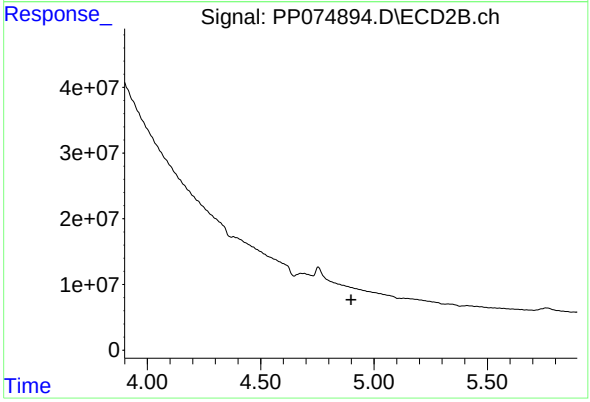
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.172 min
Response: 0
Conc: N.D.



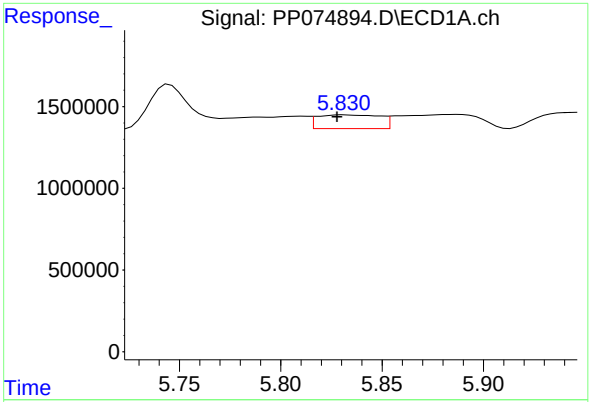
#12 AR-1232-2

R.T.: 5.513 min
Delta R.T.: -0.029 min
Response: 1055553
Conc: 66.98 ng/ml



#12 AR-1232-2

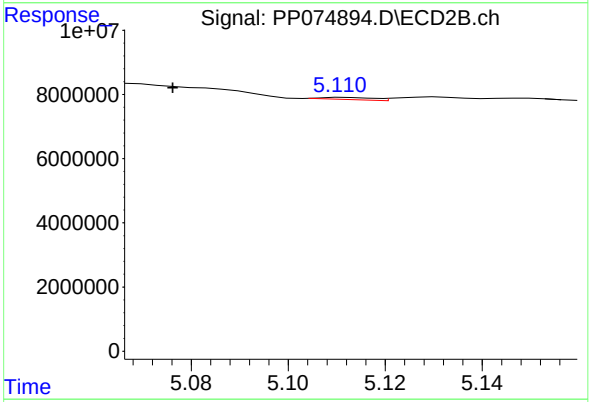
R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#13 AR-1232-3

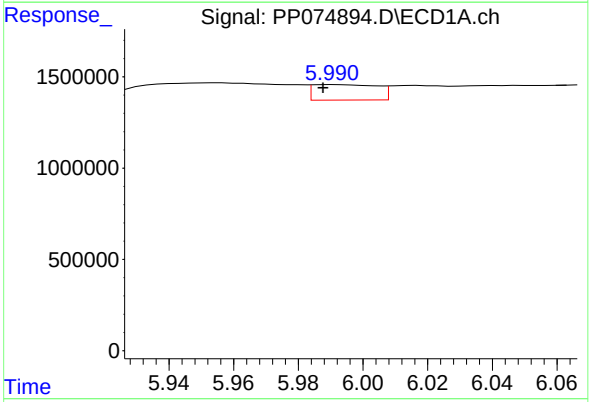
R.T.: 5.831 min
Delta R.T.: 0.003 min
Response: 1800657
Conc: 58.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-077-IDWGW-20250903



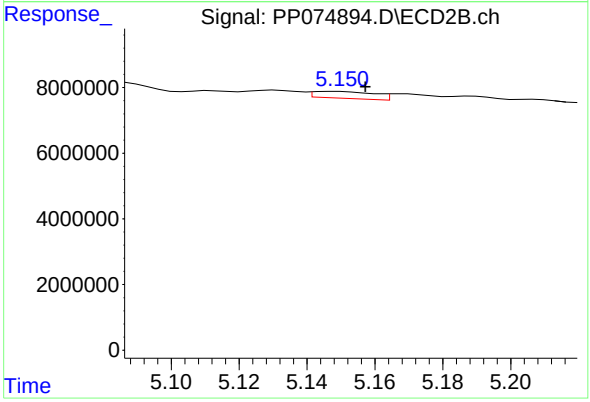
#13 AR-1232-3

R.T.: 5.111 min
Delta R.T.: 0.035 min
Response: 505818
Conc: 8.42 ng/ml



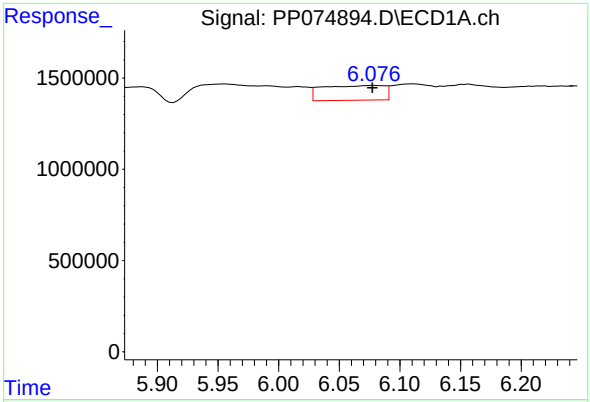
#14 AR-1232-4

R.T.: 5.991 min
Delta R.T.: 0.004 min
Response: 1178257
Conc: 68.23 ng/ml



#14 AR-1232-4

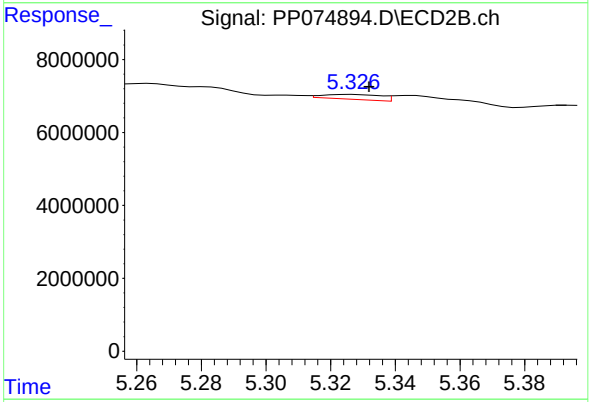
R.T.: 5.149 min
Delta R.T.: -0.009 min
Response: 2607283
Conc: 35.37 ng/ml



#15 AR-1232-5

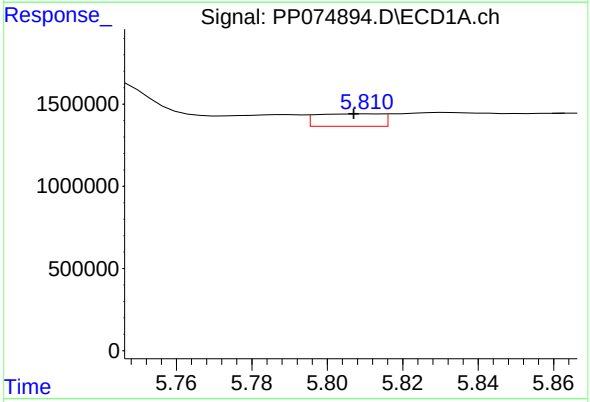
R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 2874996
Conc: 221.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-077-IDWGW-20250903



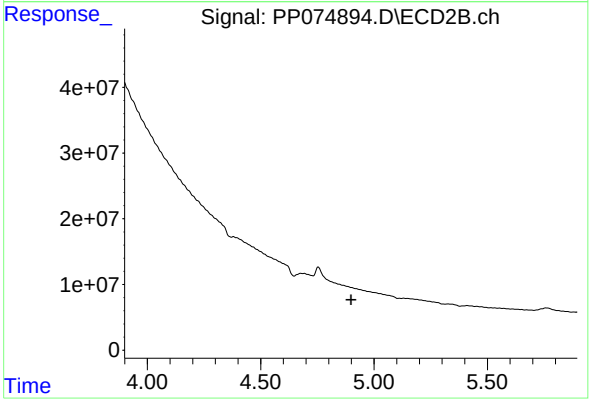
#15 AR-1232-5

R.T.: 5.327 min
Delta R.T.: -0.005 min
Response: 1652407
Conc: 26.62 ng/ml



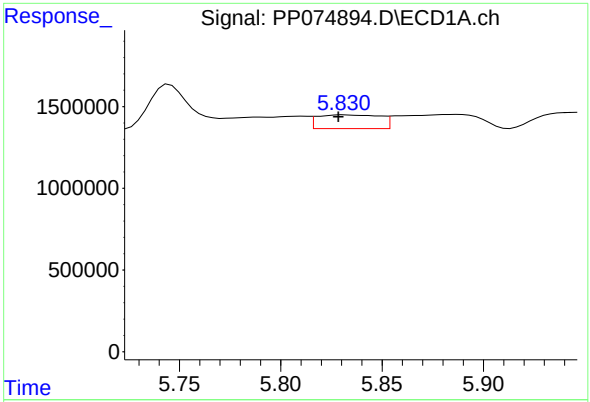
#16 AR-1242-1

R.T.: 5.811 min
Delta R.T.: 0.004 min
Response: 907767
Conc: 23.72 ng/ml



#16 AR-1242-1

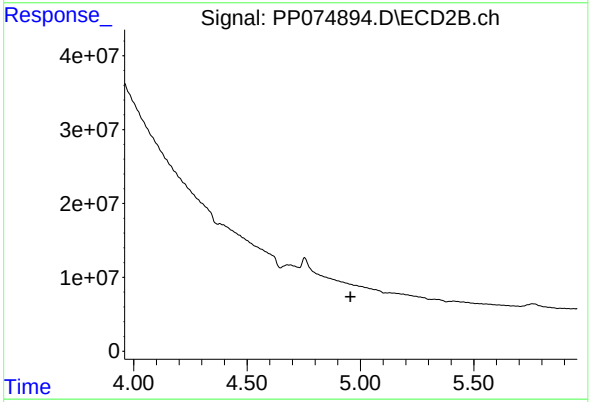
R.T.: 0.000 min
Exp R.T. : 4.900 min
Response: 0
Conc: N.D.



#17 AR-1242-2

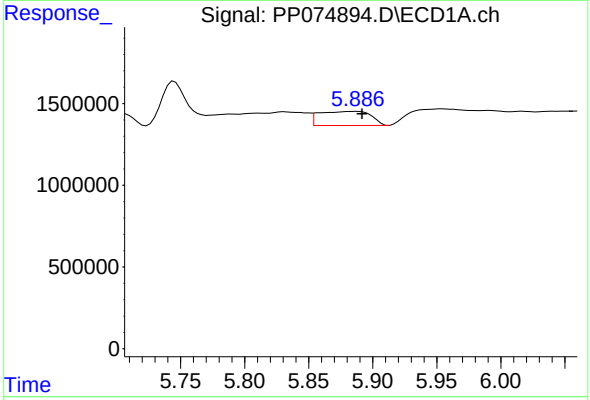
R.T.: 5.831 min
Delta R.T.: 0.003 min
Response: 1800657
Conc: 31.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-077-IDWGW-20250903



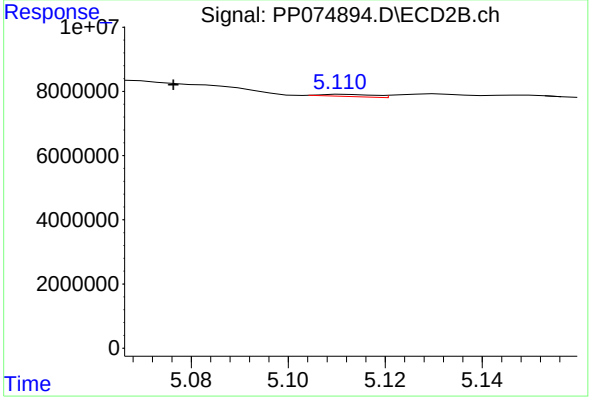
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.957 min
Response: 0
Conc: N.D.



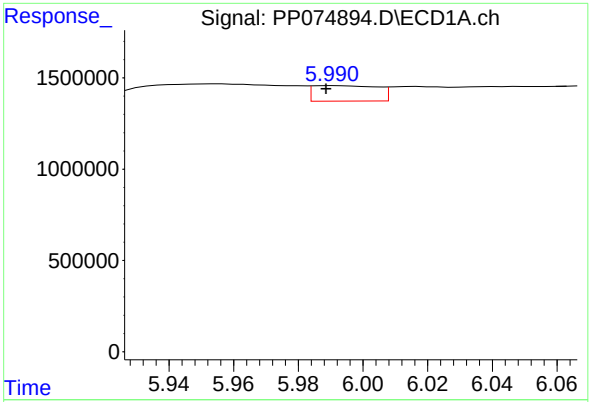
#18 AR-1242-3

R.T.: 5.888 min
Delta R.T.: -0.004 min
Response: 2426572
Conc: 59.76 ng/ml



#18 AR-1242-3

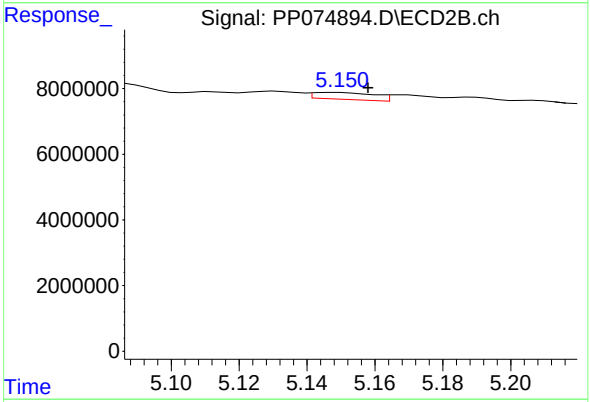
R.T.: 5.111 min
Delta R.T.: 0.035 min
Response: 505818
Conc: 4.28 ng/ml



#19 AR-1242-4

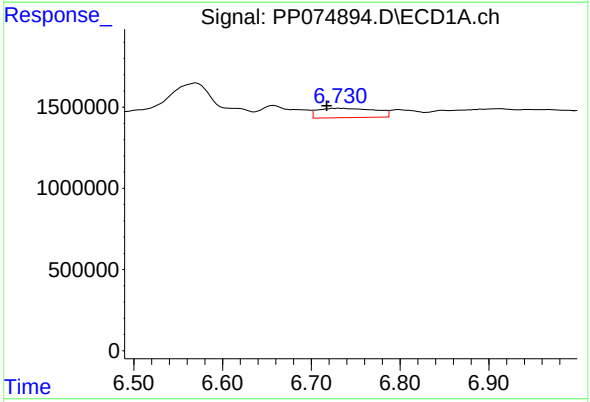
R.T.: 5.991 min
Delta R.T.: 0.003 min
Response: 1178257
Conc: 37.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-077-IDWGW-20250903



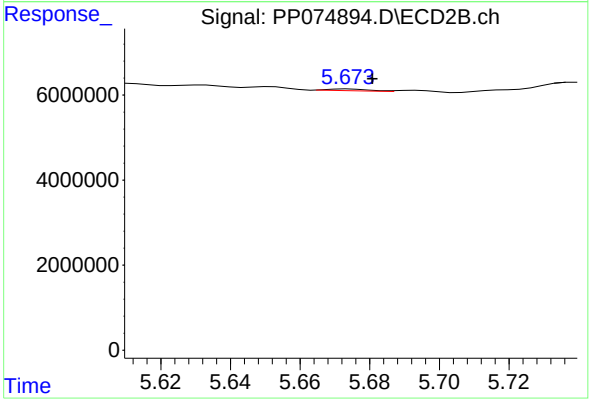
#19 AR-1242-4

R.T.: 5.149 min
Delta R.T.: -0.009 min
Response: 2607283
Conc: 15.23 ng/ml



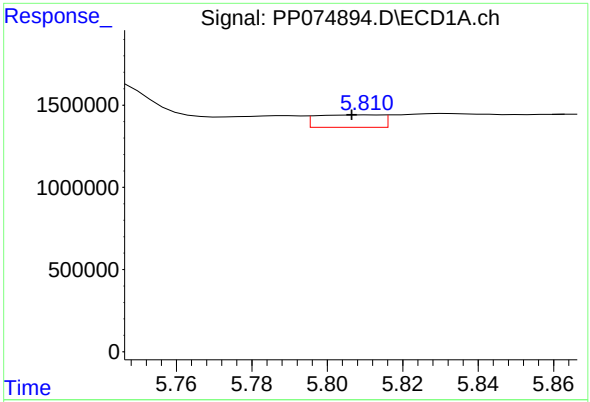
#20 AR-1242-5

R.T.: 6.732 min
Delta R.T.: 0.014 min
Response: 2590691
Conc: 71.82 ng/ml



#20 AR-1242-5

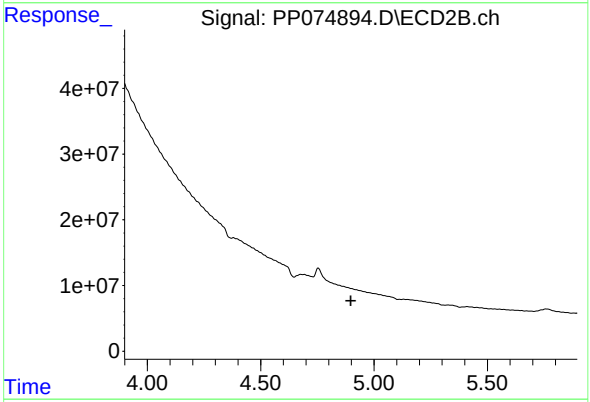
R.T.: 5.674 min
Delta R.T.: -0.006 min
Response: 359809
Conc: 1.94 ng/ml



#21 AR-1248-1

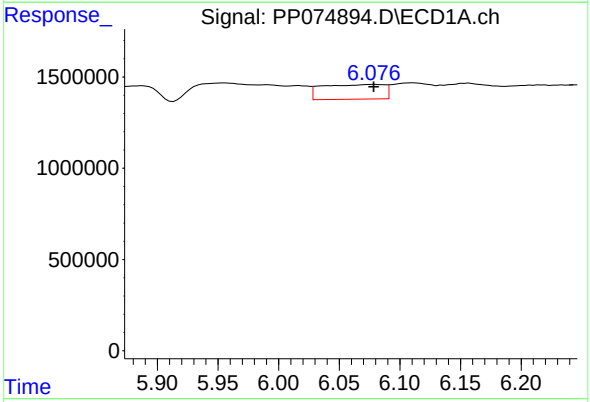
R.T.: 5.811 min
Delta R.T.: 0.005 min
Response: 907767
Conc: 30.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-077-IDWGW-20250903



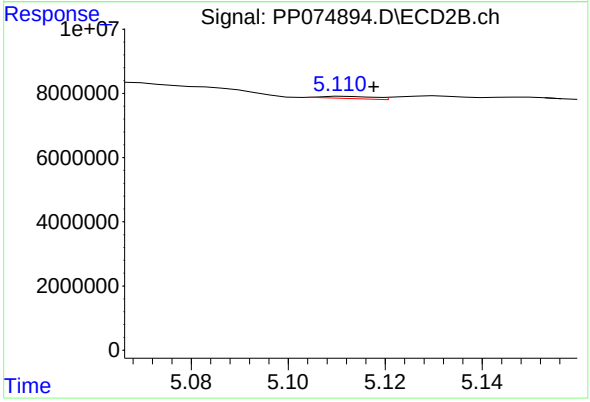
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.



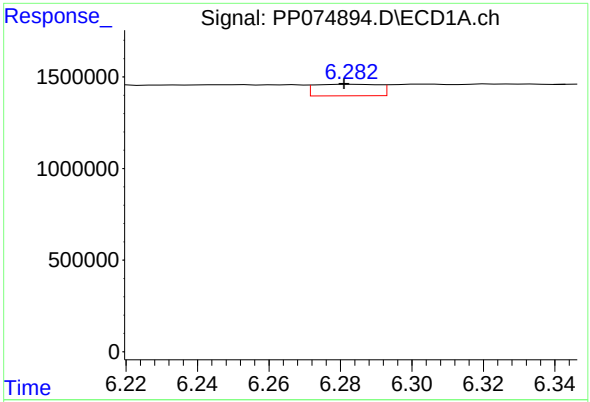
#22 AR-1248-2

R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 2874996
Conc: 66.71 ng/ml



#22 AR-1248-2

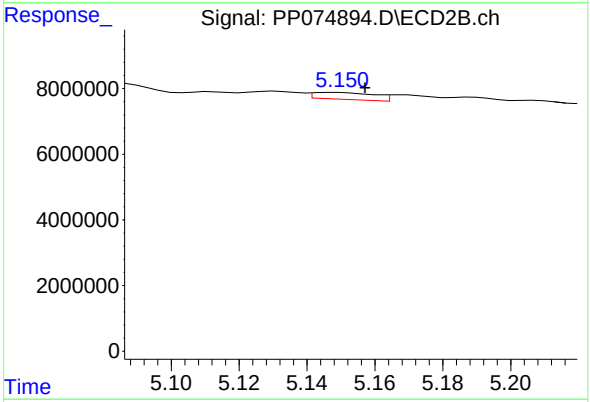
R.T.: 5.111 min
Delta R.T.: -0.006 min
Response: 505818
Conc: 2.86 ng/ml



#23 AR-1248-3

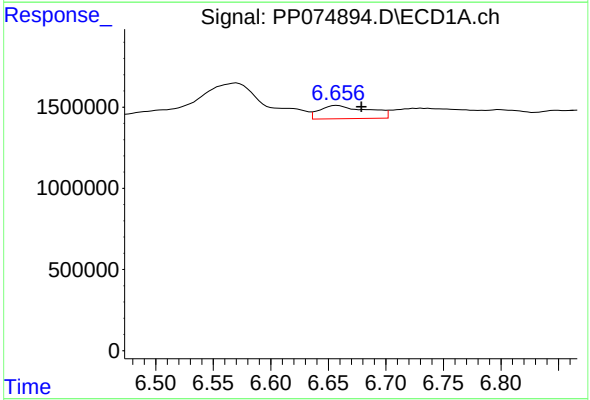
R.T.: 6.284 min
Delta R.T.: 0.003 min
Response: 783673
Conc: 16.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-077-IDWGW-20250903



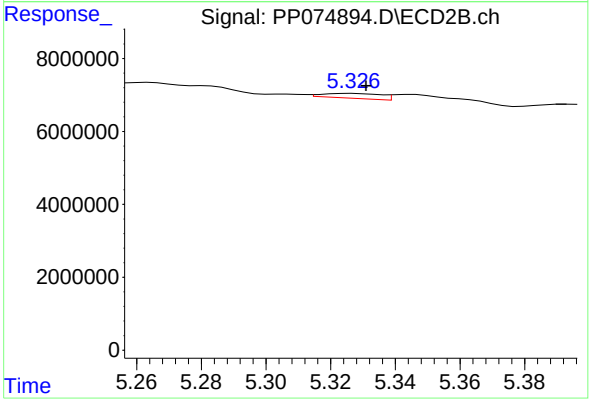
#23 AR-1248-3

R.T.: 5.149 min
Delta R.T.: -0.009 min
Response: 2607283
Conc: 11.48 ng/ml



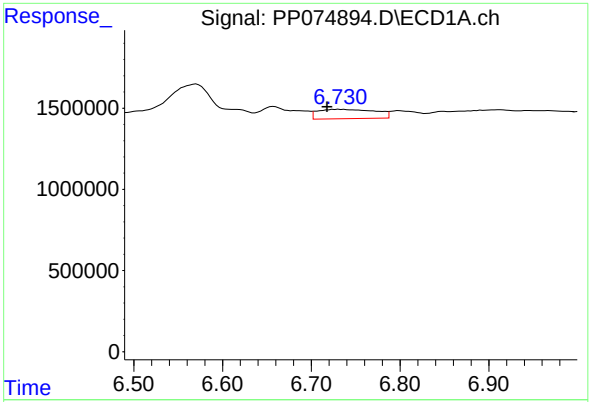
#24 AR-1248-4

R.T.: 6.658 min
Delta R.T.: -0.021 min
Response: 2379147
Conc: 43.26 ng/ml



#24 AR-1248-4

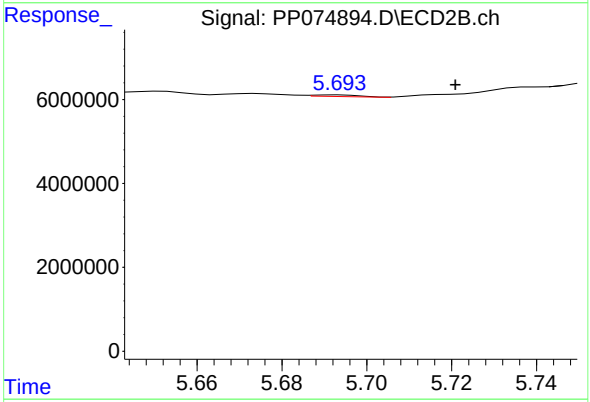
R.T.: 5.327 min
Delta R.T.: -0.004 min
Response: 1652407
Conc: 7.58 ng/ml



#25 AR-1248-5

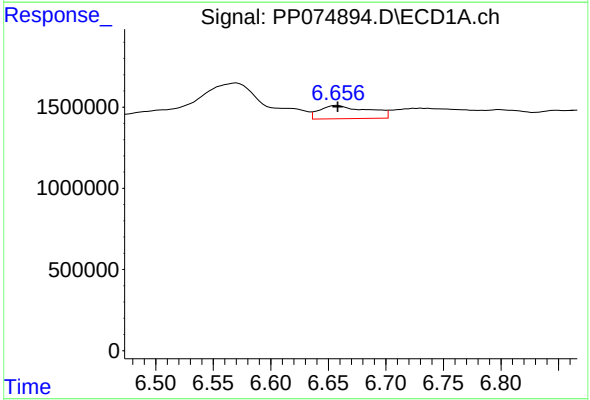
R.T.: 6.732 min
Delta R.T.: 0.014 min
Response: 2590691
Conc: 46.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-077-IDWGW-20250903



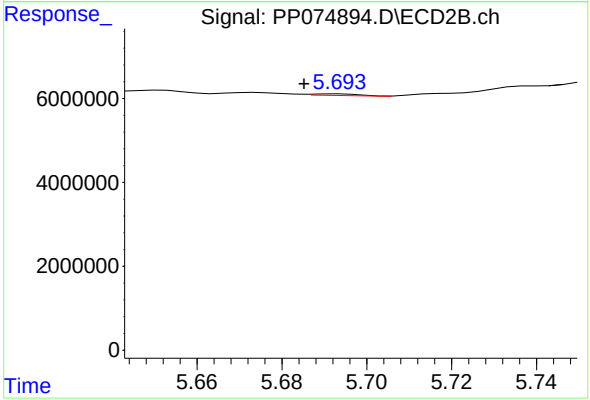
#25 AR-1248-5

R.T.: 5.694 min
Delta R.T.: -0.027 min
Response: 307591
Conc: 0.84 ng/ml



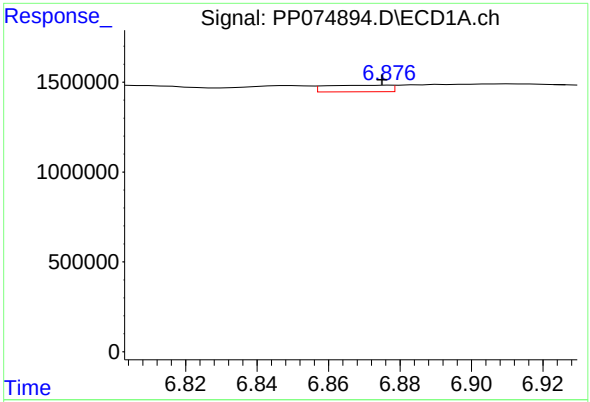
#26 AR-1254-1

R.T.: 6.658 min
Delta R.T.: 0.000 min
Response: 2379147
Conc: 40.83 ng/ml



#26 AR-1254-1

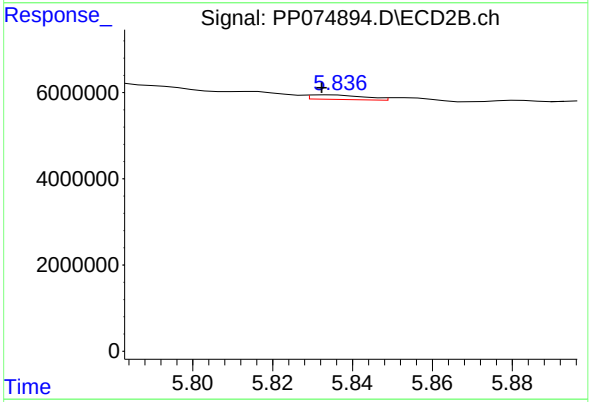
R.T.: 5.694 min
Delta R.T.: 0.009 min
Response: 307591
Conc: 0.65 ng/ml



#27 AR-1254-2

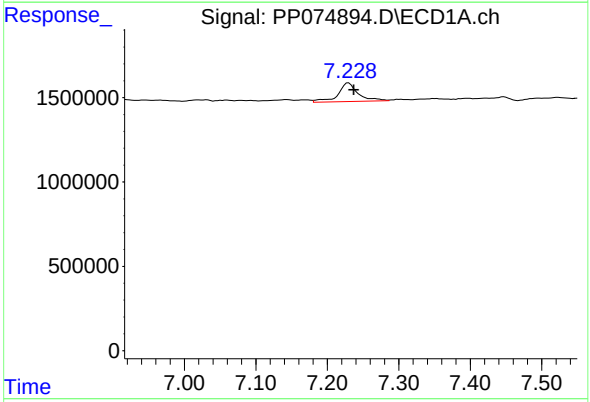
R.T.: 6.869 min
Delta R.T.: -0.005 min
Response: 452725
Conc: 5.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-077-IDWGW-20250903



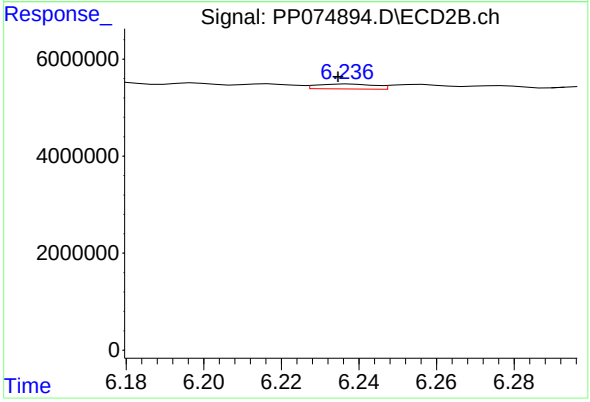
#27 AR-1254-2

R.T.: 5.835 min
Delta R.T.: 0.002 min
Response: 1021181
Conc: 2.90 ng/ml



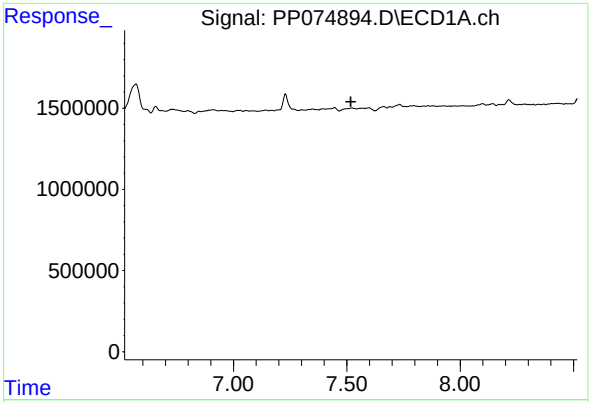
#28 AR-1254-3

R.T.: 7.230 min
Delta R.T.: -0.007 min
Response: 2159153
Conc: 24.20 ng/ml



#28 AR-1254-3

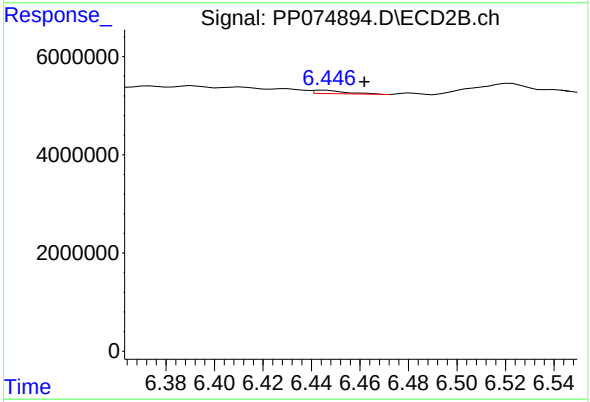
R.T.: 6.237 min
Delta R.T.: 0.003 min
Response: 1067592
Conc: 1.72 ng/ml



#29 AR-1254-4

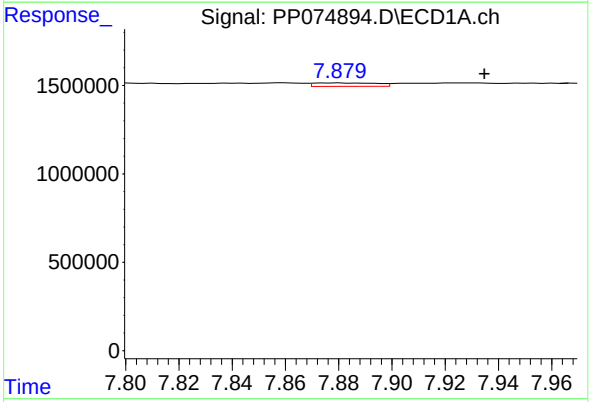
R.T.: 7.523 min
Delta R.T.: 0.005 min
Response: -94677
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TT-077-IDWGW-20250903



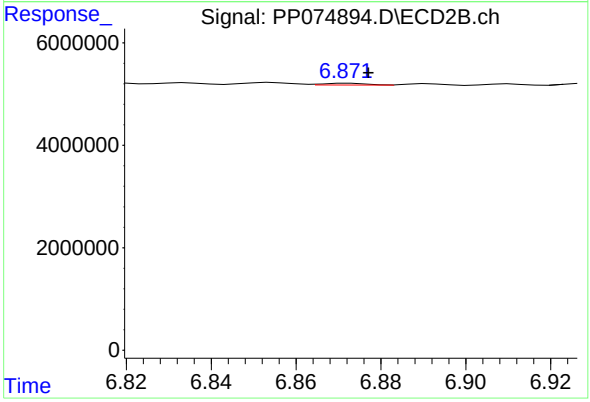
#29 AR-1254-4

R.T.: 6.445 min
Delta R.T.: -0.017 min
Response: 639183
Conc: 1.36 ng/ml



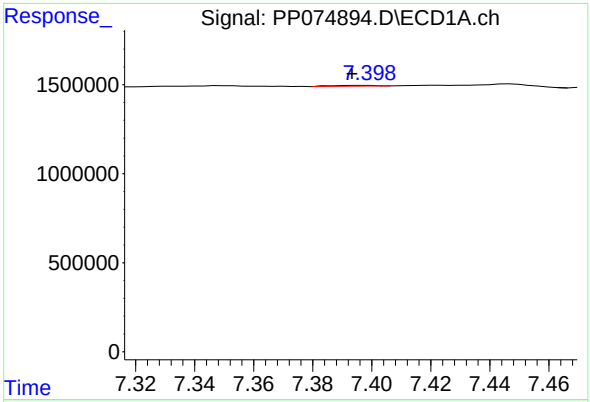
#30 AR-1254-5

R.T.: 7.881 min
Delta R.T.: -0.054 min
Response: 325284
Conc: 3.92 ng/ml



#30 AR-1254-5

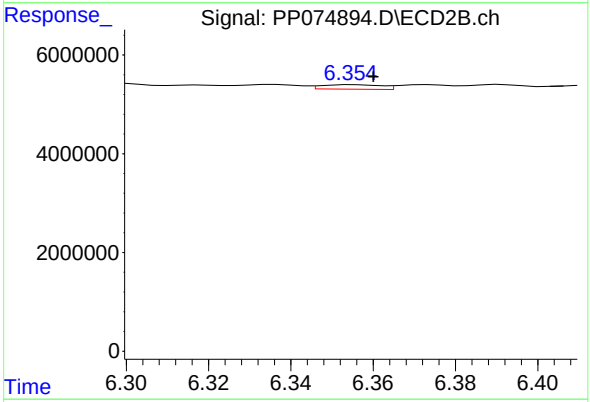
R.T.: 6.873 min
Delta R.T.: -0.004 min
Response: 241773
Conc: 0.49 ng/ml



#31 AR-1260-1

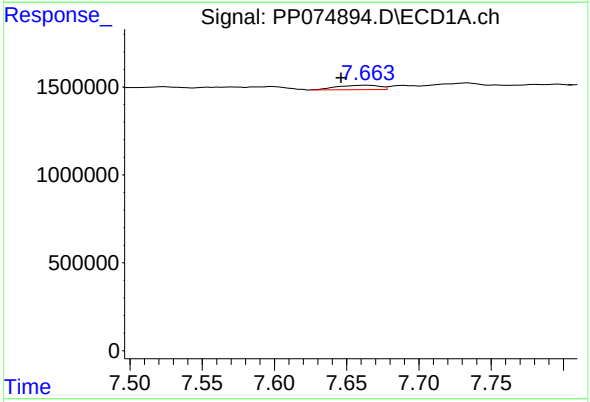
R.T.: 7.399 min
Delta R.T.: 0.006 min
Response: 44397
Conc: 0.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-077-IDWGW-20250903



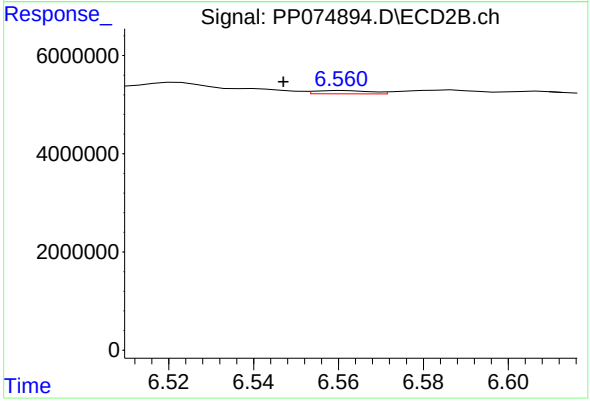
#31 AR-1260-1

R.T.: 6.355 min
Delta R.T.: -0.005 min
Response: 938679
Conc: 2.50 ng/ml



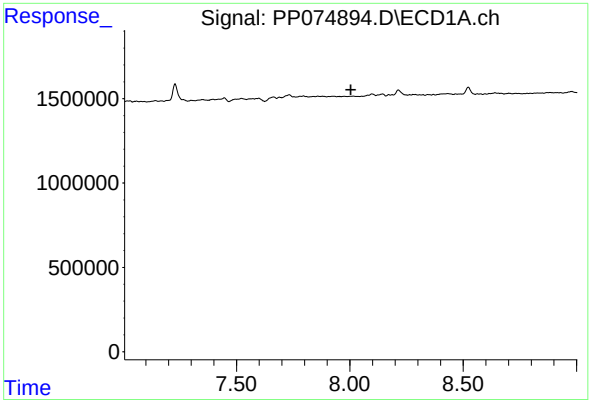
#32 AR-1260-2

R.T.: 7.665 min
Delta R.T.: 0.019 min
Response: 517435
Conc: 7.51 ng/ml



#32 AR-1260-2

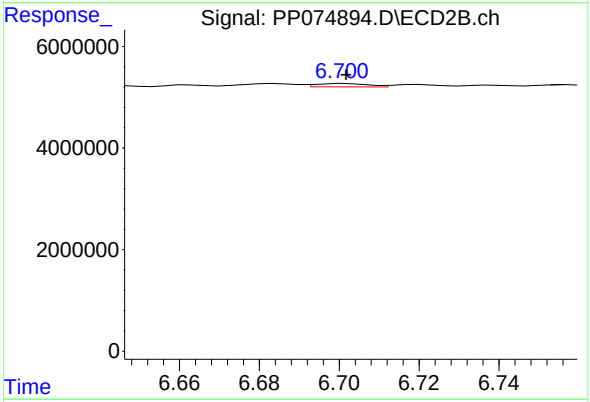
R.T.: 6.561 min
Delta R.T.: 0.014 min
Response: 611512
Conc: 1.16 ng/ml



#33 AR-1260-3

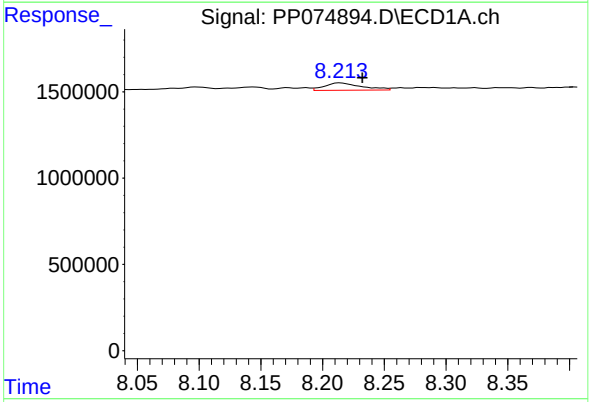
R.T.: 0.000 min
Exp R.T. : 8.005 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TT-077-IDWGW-20250903



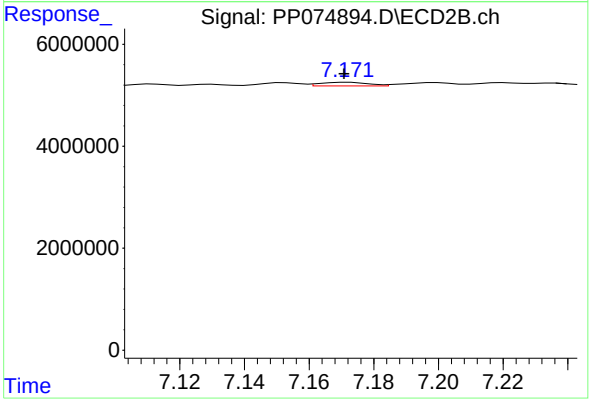
#33 AR-1260-3

R.T.: 6.702 min
Delta R.T.: 0.000 min
Response: 588933
Conc: 1.36 ng/ml



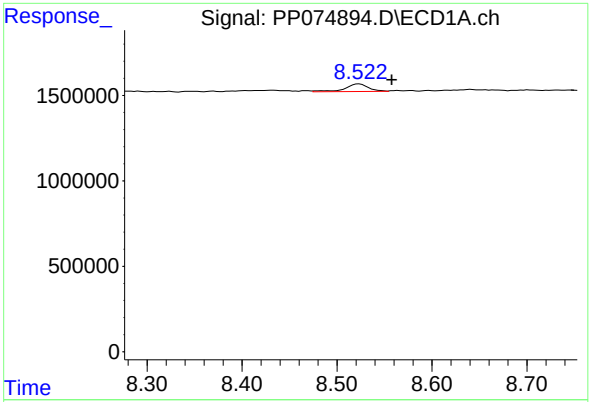
#34 AR-1260-4

R.T.: 8.214 min
Delta R.T.: -0.018 min
Response: 873147
Conc: 13.69 ng/ml



#34 AR-1260-4

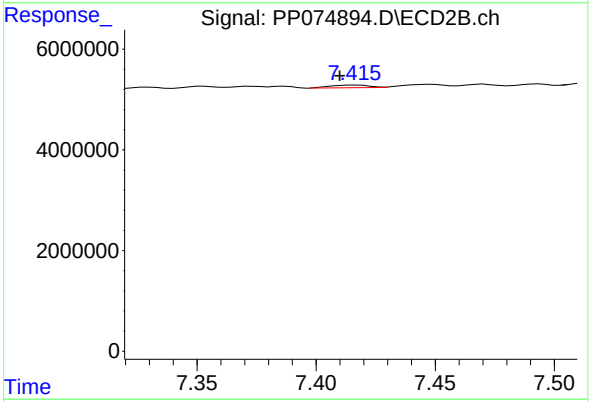
R.T.: 7.172 min
Delta R.T.: 0.001 min
Response: 749330
Conc: 1.96 ng/ml



#35 AR-1260-5

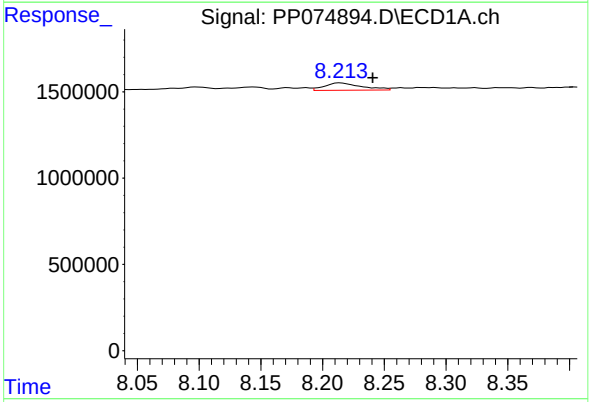
R.T.: 8.523 min
Delta R.T.: -0.034 min
Response: 762710
Conc: 6.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-077-IDWGW-20250903



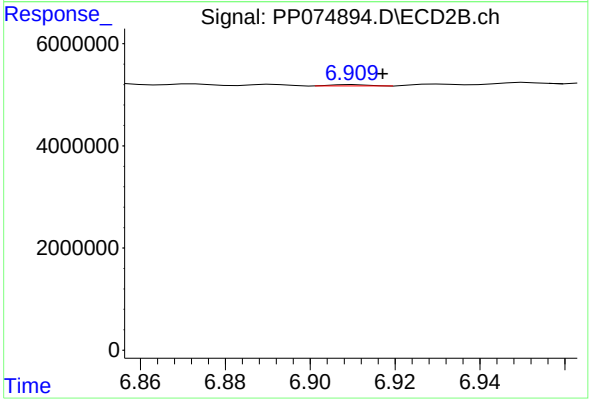
#35 AR-1260-5

R.T.: 7.416 min
Delta R.T.: 0.006 min
Response: 607596
Conc: 0.60 ng/ml



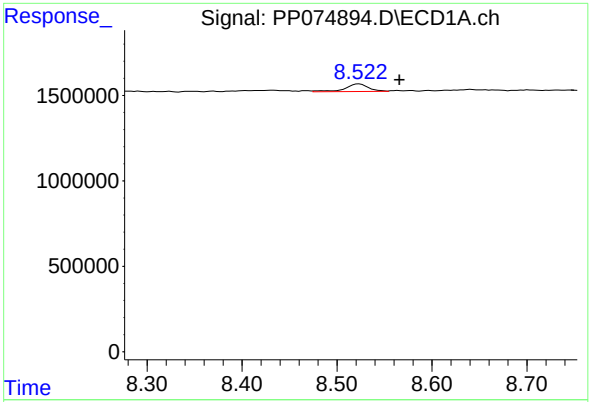
#36 AR-1262-1

R.T.: 8.214 min
Delta R.T.: -0.026 min
Response: 873147
Conc: 11.34 ng/ml



#36 AR-1262-1

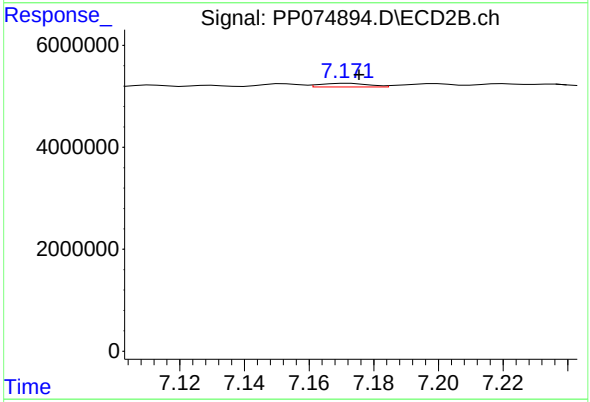
R.T.: 6.911 min
Delta R.T.: -0.007 min
Response: 142776
Conc: 0.20 ng/ml



#37 AR-1262-2

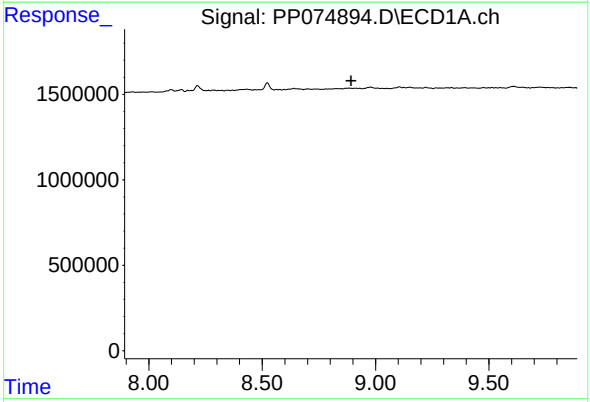
R.T.: 8.523 min
Delta R.T.: -0.042 min
Response: 762710
Conc: 5.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-077-IDWGW-20250903



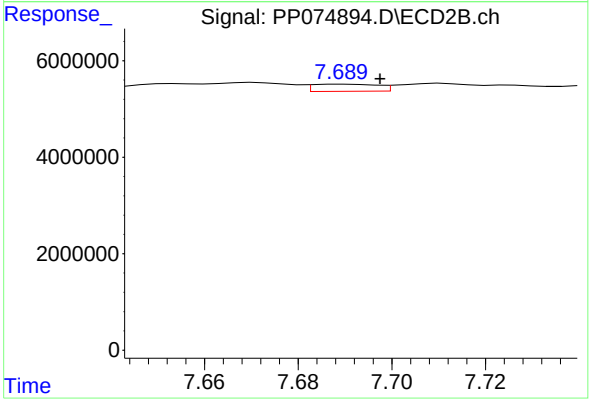
#37 AR-1262-2

R.T.: 7.172 min
Delta R.T.: -0.003 min
Response: 749330
Conc: 1.44 ng/ml



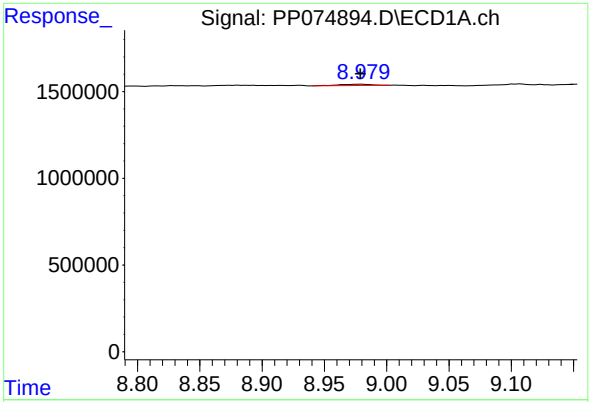
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.892 min
Response: 0
Conc: N.D.



#38 AR-1262-3

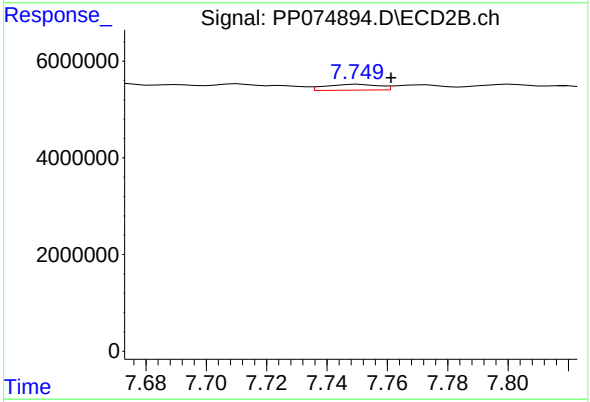
R.T.: 7.690 min
Delta R.T.: -0.008 min
Response: 1423045
Conc: 3.05 ng/ml



#39 AR-1262-4

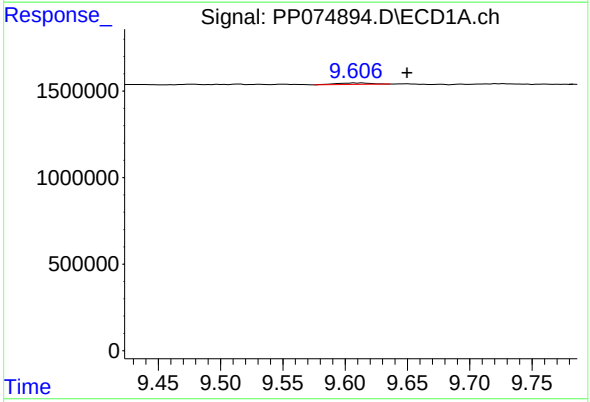
R.T.: 8.980 min
Delta R.T.: 0.002 min
Response: 134797
Conc: 1.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-077-IDWGW-20250903



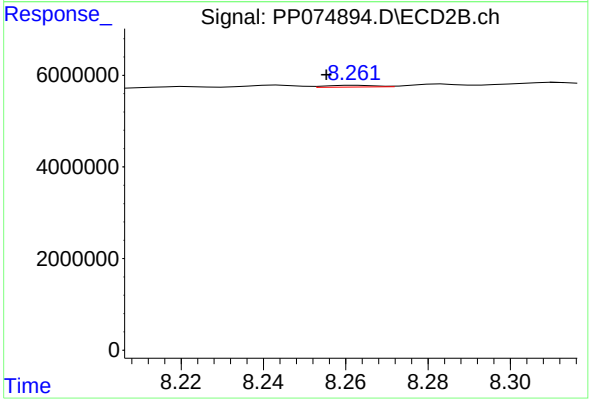
#39 AR-1262-4

R.T.: 7.751 min
Delta R.T.: -0.011 min
Response: 1484479
Conc: 1.81 ng/ml



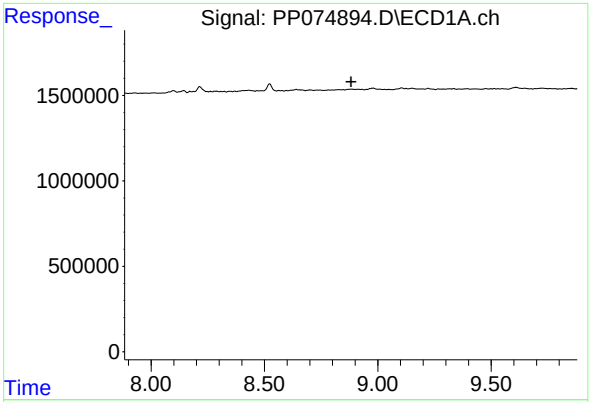
#40 AR-1262-5

R.T.: 9.608 min
Delta R.T.: -0.042 min
Response: 157923
Conc: 2.59 ng/ml



#40 AR-1262-5

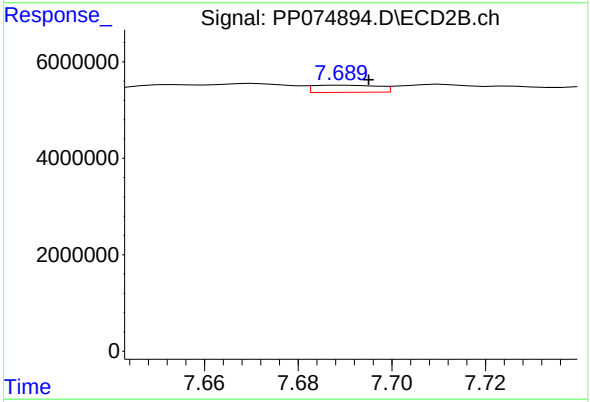
R.T.: 8.263 min
Delta R.T.: 0.007 min
Response: 320530
Conc: 0.89 ng/ml



#41 AR-1268-1

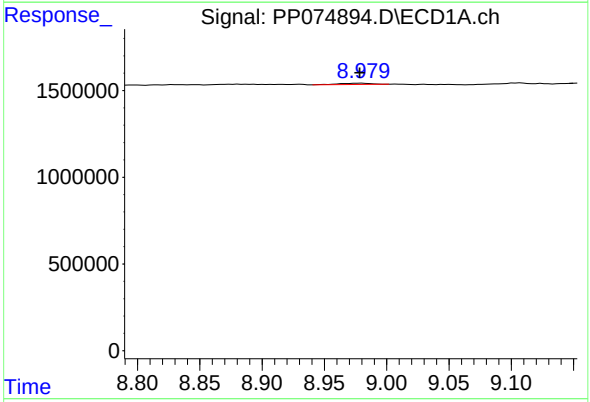
R.T.: 0.000 min
Exp R.T. : 8.883 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TT-077-IDWGW-20250903



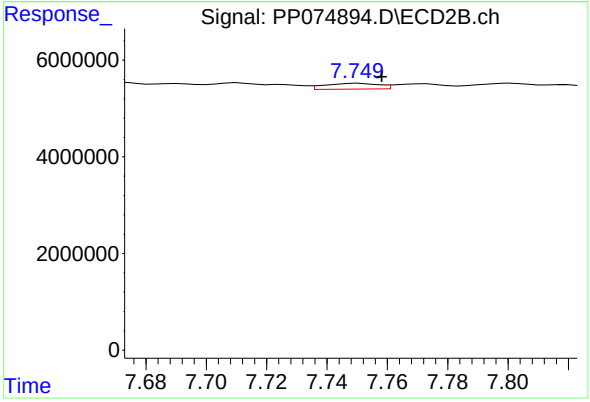
#41 AR-1268-1

R.T.: 7.690 min
Delta R.T.: -0.005 min
Response: 1423045
Conc: 1.01 ng/ml



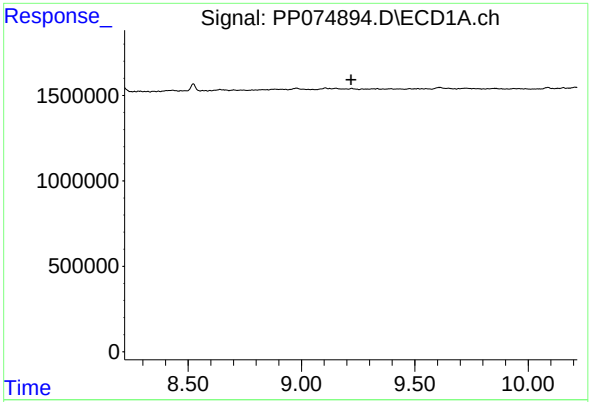
#42 AR-1268-2

R.T.: 8.980 min
Delta R.T.: 0.002 min
Response: 134797
Conc: 0.92 ng/ml



#42 AR-1268-2

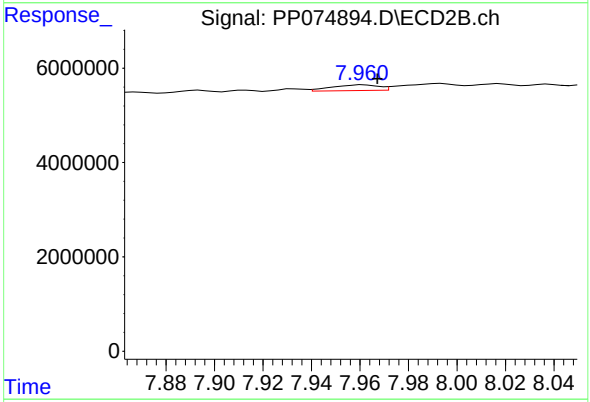
R.T.: 7.751 min
Delta R.T.: -0.008 min
Response: 1484479
Conc: 1.09 ng/ml



#43 AR-1268-3

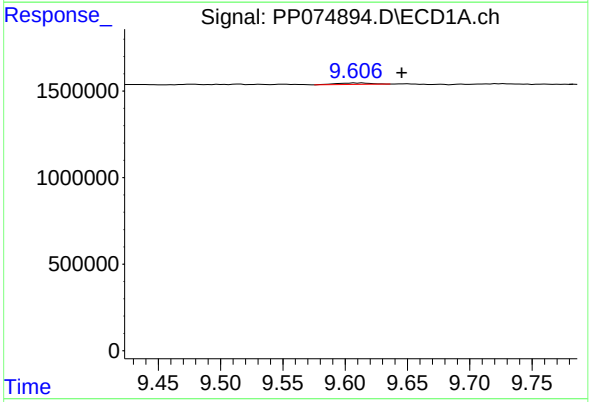
R.T.: 0.000 min
Exp R.T. : 9.219 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TT-077-IDWGW-20250903



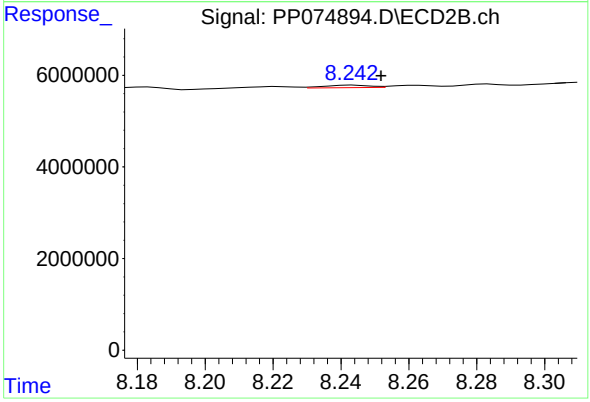
#43 AR-1268-3

R.T.: 7.961 min
Delta R.T.: -0.006 min
Response: 1633242
Conc: 1.57 ng/ml



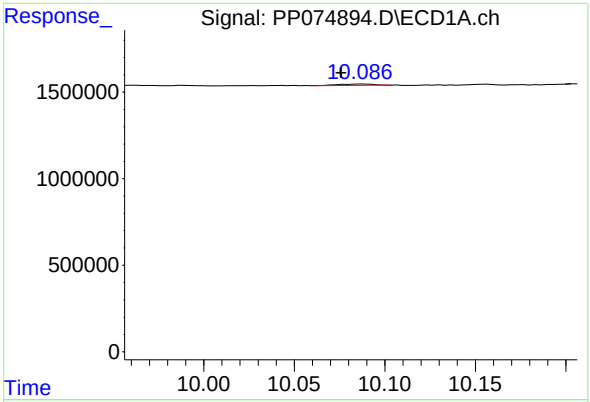
#44 AR-1268-4

R.T.: 9.608 min
Delta R.T.: -0.038 min
Response: 157923
Conc: 2.35 ng/ml



#44 AR-1268-4

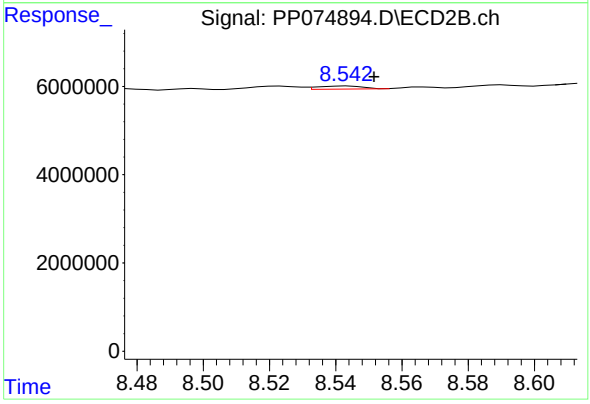
R.T.: 8.244 min
Delta R.T.: -0.008 min
Response: 491113
Conc: 1.28 ng/ml



#45 AR-1268-5

R.T.: 10.088 min
Delta R.T.: 0.012 min
Response: 99606
Conc: 0.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-077-IDWGW-20250903



#45 AR-1268-5

R.T.: 8.544 min
Delta R.T.: -0.008 min
Response: 673233
Conc: 0.21 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 12:02
Operator : YP\AJ
Sample : Q3017-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TT-078-IDWGW-20250903

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:36:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
2)	SA Decachlor...	10.435	8.808	17969567	110.1E6	18.197	14.684	
	Target Compounds							
3)	L1 AR-1016-1	5.823	0.000	613479	0	13.915	N.D.	#
4)	L1 AR-1016-2	5.823	0.000	613479	0	9.762	N.D.	#
5)	L1 AR-1016-3	5.907	5.125f	945647	3411588	21.055	24.739	
6)	L1 AR-1016-4	6.008	5.125	156179	3411588	4.439	24.403	#
7)	L1 AR-1016-5	0.000	5.326	0	900459	N.D.	5.422	#
8)	L2 AR-1221-1	4.855	0.000	885060	0	50.308	N.D.	#
9)	L2 AR-1221-2	4.960	0.000	635732	0	47.595	N.D.	#
10)	L2 AR-1221-3	4.960f	0.000	635732	0	16.768	N.D.	#
11)	L3 AR-1232-1	4.960f	0.000	635732	0	20.930	N.D.	#
12)	L3 AR-1232-2	5.512	0.000	314546	0	19.961	N.D.	#
13)	L3 AR-1232-3	5.823	5.125f	613479	3411588	20.085	56.803	#
14)	L3 AR-1232-4	6.008	5.125	156179	3411588	9.044	46.286	#
15)	L3 AR-1232-5	6.074	5.326	493118	900459	37.988	14.504	#
16)	L4 AR-1242-1	5.823	0.000	613479	0	16.028	N.D.	#
17)	L4 AR-1242-2	5.823	0.000	613479	0	10.861	N.D.	#
18)	L4 AR-1242-3	5.907	5.125f	945647	3411588	23.290	28.839	
19)	L4 AR-1242-4	6.008	5.125	156179	3411588	4.920	19.932	#
20)	L4 AR-1242-5	6.752	5.662	1011103	303841	28.031	1.641	#
21)	L5 AR-1248-1	5.823	0.000	613479	0	20.298	N.D.	#
22)	L5 AR-1248-2	6.074	5.125	493118	3411588	11.442	19.301	#
23)	L5 AR-1248-3	0.000	5.125	0	3411588	N.D.	15.016	#
24)	L5 AR-1248-4	6.654	5.326	843013	900459	15.327	4.130	#
25)	L5 AR-1248-5	6.752	5.748	1011103	6831528	18.228	18.598	
26)	L6 AR-1254-1	6.654	5.662	843013	303841	14.468	0.637	#
27)	L6 AR-1254-2	6.886	5.882f	247902	431870	3.037	1.226	#
28)	L6 AR-1254-3	7.228	6.232	1622721	408811	18.191	0.660	#
29)	L6 AR-1254-4	7.546	6.477	153299	142666	2.326	0.304	#
30)	L6 AR-1254-5	7.935	6.878	304988	189405	3.671	0.386	#
31)	L7 AR-1260-1	7.388	6.352	42847	487399	0.741	1.299	#
32)	L7 AR-1260-2	7.657	6.559	456047	470669	6.617	0.890	#
33)	L7 AR-1260-3	7.935f	6.696	304988	579455	5.878	1.338	#
34)	L7 AR-1260-4	8.213	7.180	401853	287380	6.299	0.753	#
35)	L7 AR-1260-5	8.522f	7.419	159333	236836	1.405	0.236	#
36)	L8 AR-1262-1	8.213	6.920	401853	240828	5.218	0.341	#
37)	L8 AR-1262-2	8.522f	7.180	159333	287380	1.204	0.552	#
38)	L8 AR-1262-3	0.000	7.704	0	611524	N.D.	1.311	#
39)	L8 AR-1262-4	0.000	7.769	0	486409	N.D.	0.592	#
40)	L8 AR-1262-5	0.000	8.260	0	273976	N.D.	0.765	#
41)	L9 AR-1268-1	0.000	7.689	0	683540	N.D.	0.485	#
42)	L9 AR-1268-2	0.000	7.750	0	922811	N.D.	0.677	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 12:02
Operator : YP\AJ
Sample : Q3017-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TT-078-IDWGW-20250903

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:36:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	0.000	7.965	0	673026	N.D.	0.645 #
44) L9	AR-1268-4	0.000	8.260	0	273976	N.D.	0.715 #
45) L9	AR-1268-5	10.081	8.545	203205	610683	0.549	0.195 #

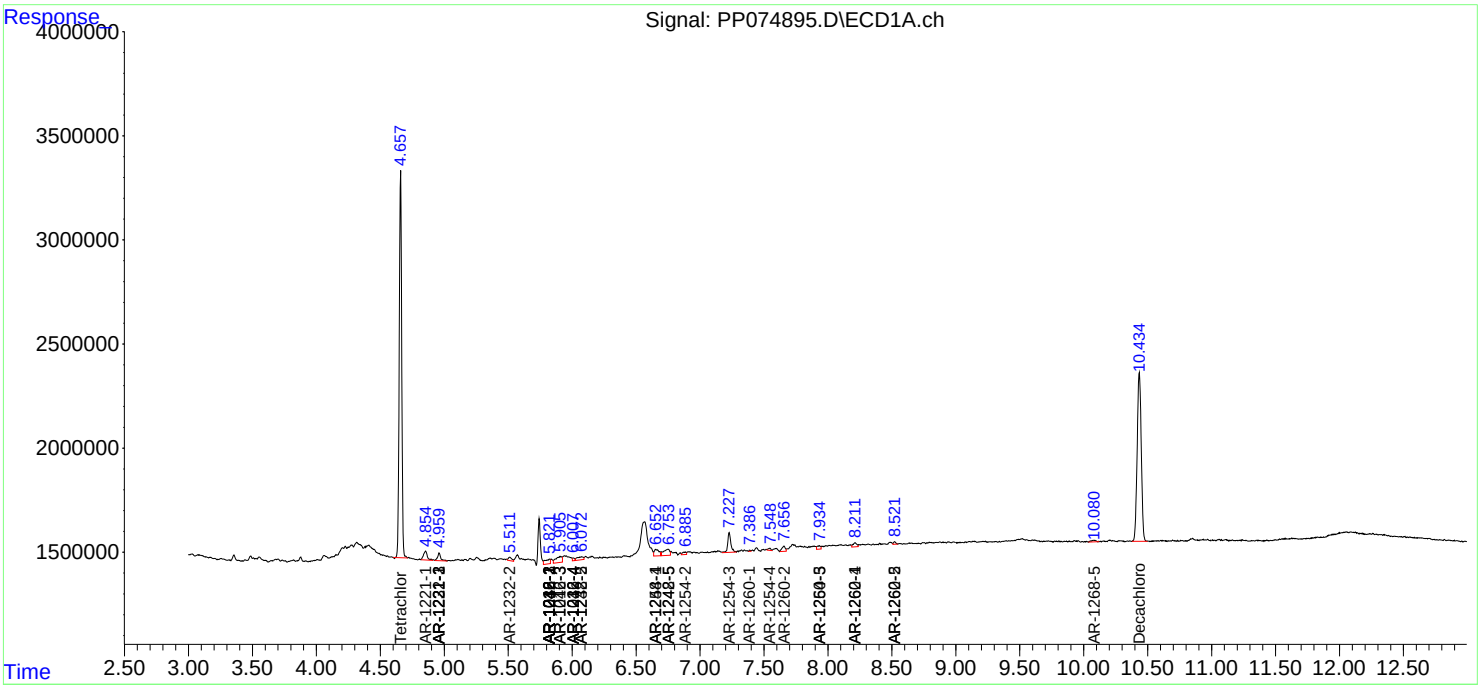
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

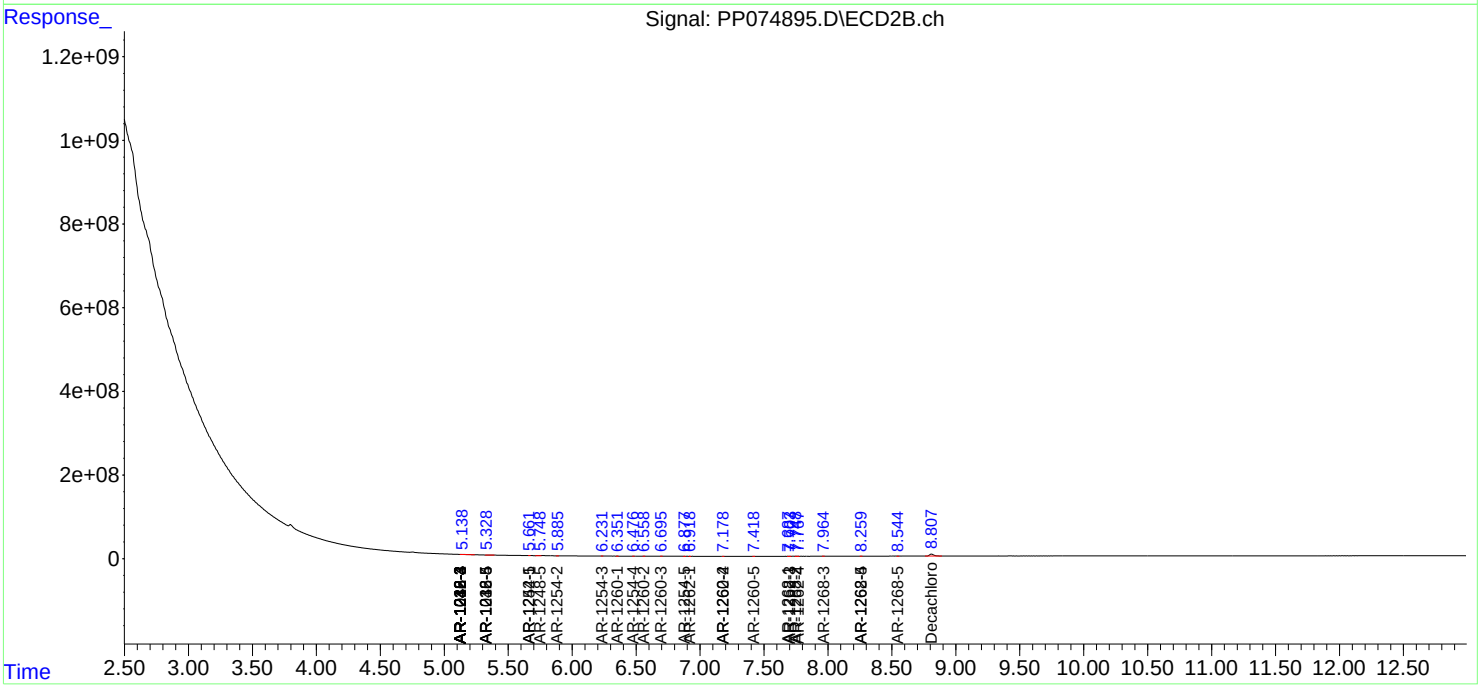
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 12:02
Operator : YP\AJ
Sample : Q3017-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

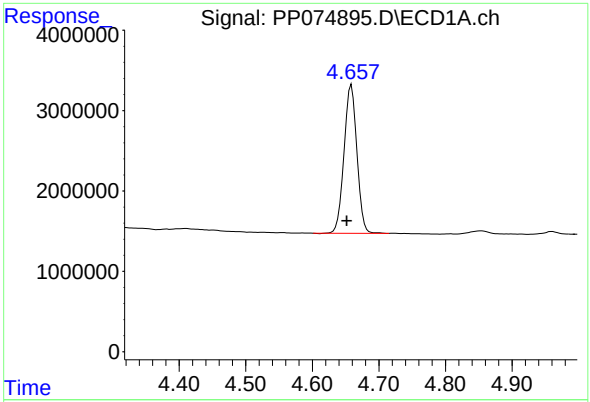
Instrument :
ECD_P
ClientSampleId :
TT-078-IDWGW-20250903

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:36:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



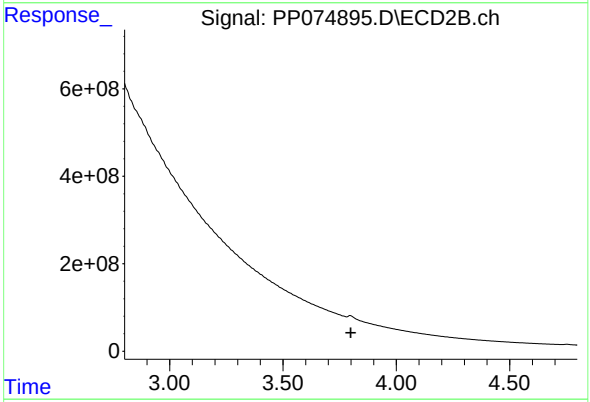




#1 Tetrachloro-m-xylene

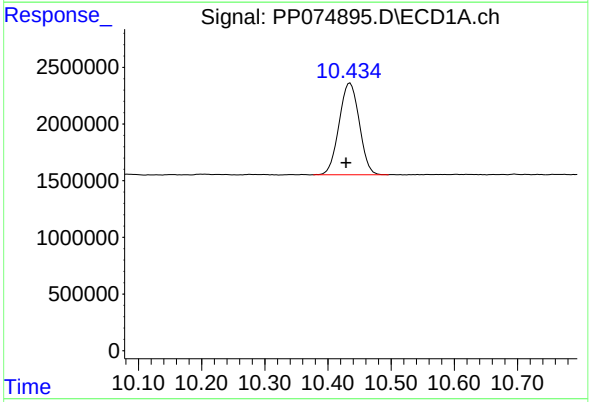
R.T.: 4.659 min
Delta R.T.: 0.007 min
Response: 24859219
Conc: 20.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-078-IDWGW-20250903



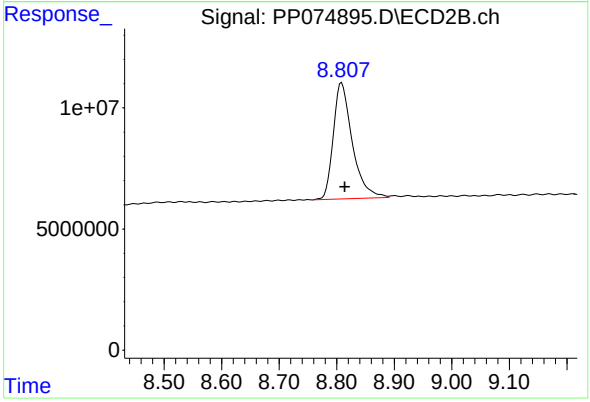
#1 Tetrachloro-m-xylene

R.T.: 3.796 min
Delta R.T.: -0.002 min
Response: -1154178984
Conc: N.D.



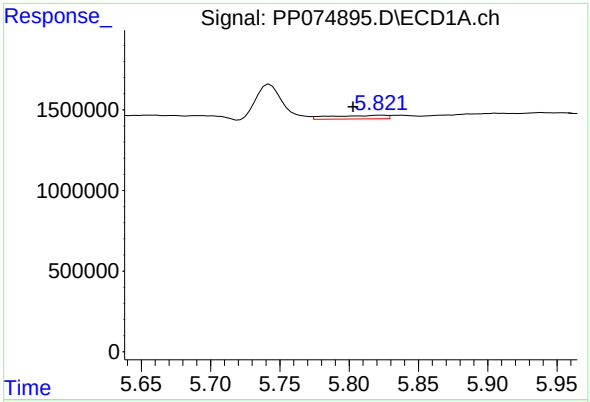
#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: 0.007 min
Response: 17969567
Conc: 18.20 ng/ml



#2 Decachlorobiphenyl

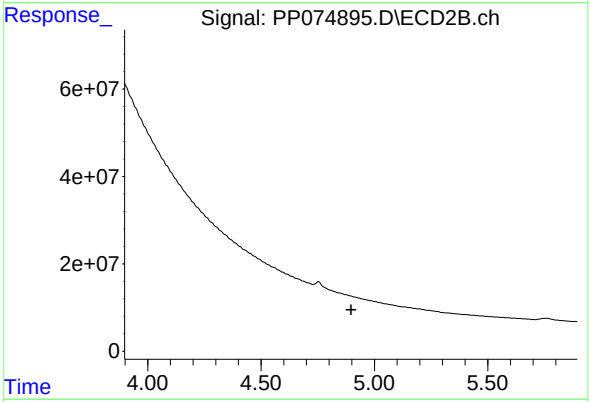
R.T.: 8.808 min
Delta R.T.: -0.006 min
Response: 110117853
Conc: 14.68 ng/ml



#3 AR-1016-1

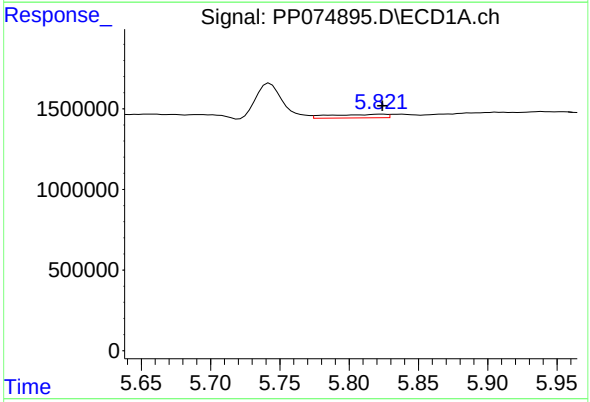
R.T.: 5.823 min
Delta R.T.: 0.021 min
Response: 613479
Conc: 13.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-078-IDWGW-20250903



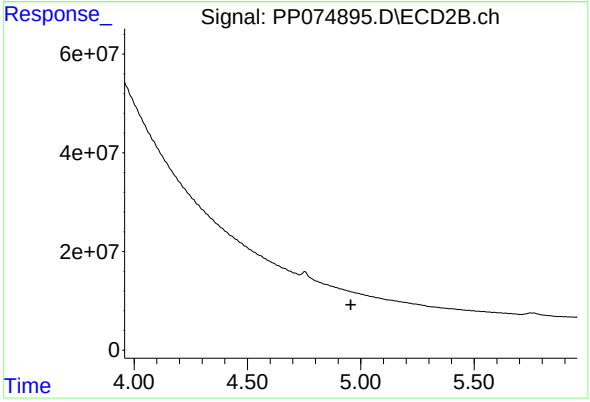
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.



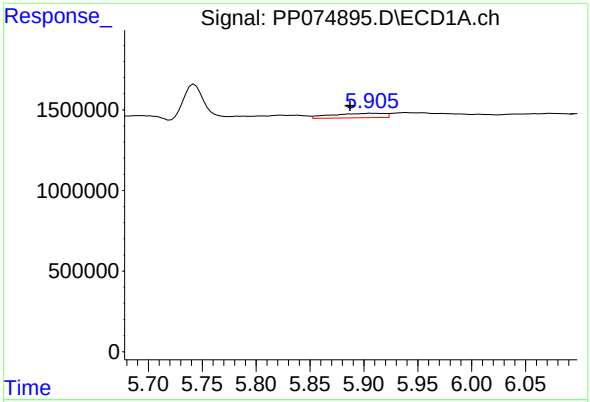
#4 AR-1016-2

R.T.: 5.823 min
Delta R.T.: 0.000 min
Response: 613479
Conc: 9.76 ng/ml



#4 AR-1016-2

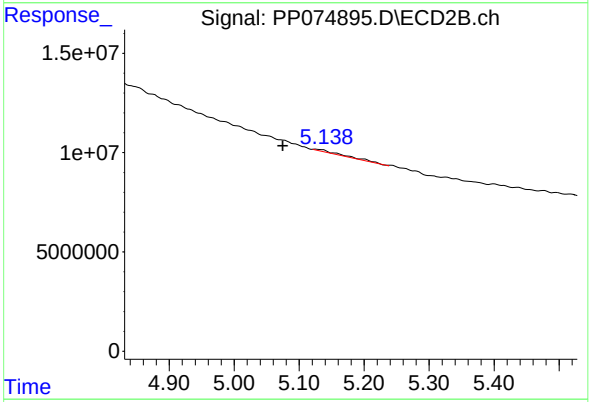
R.T.: 0.000 min
Exp R.T. : 4.956 min
Response: 0
Conc: N.D.



#5 AR-1016-3

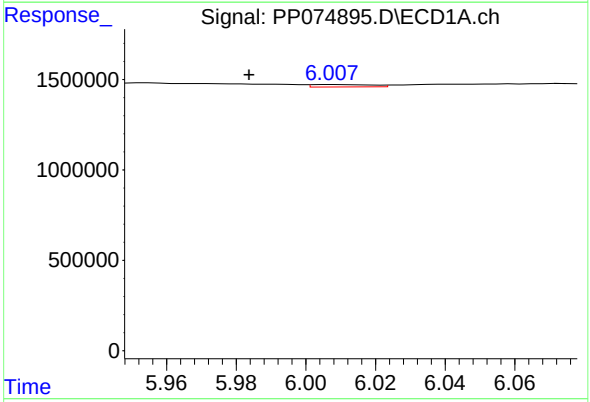
R.T.: 5.907 min
Delta R.T.: 0.020 min
Response: 945647
Conc: 21.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-078-IDWGW-20250903



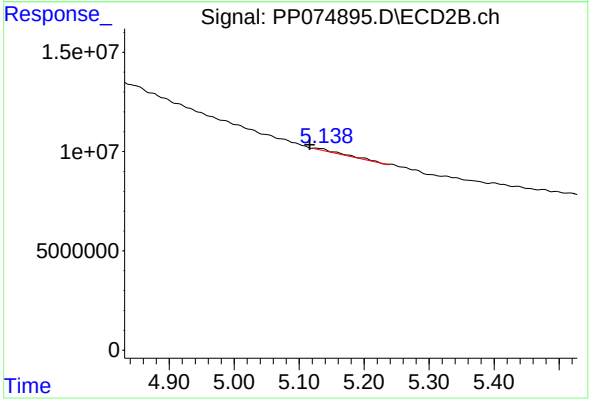
#5 AR-1016-3

R.T.: 5.125 min
Delta R.T.: 0.050 min
Response: 3411588
Conc: 24.74 ng/ml



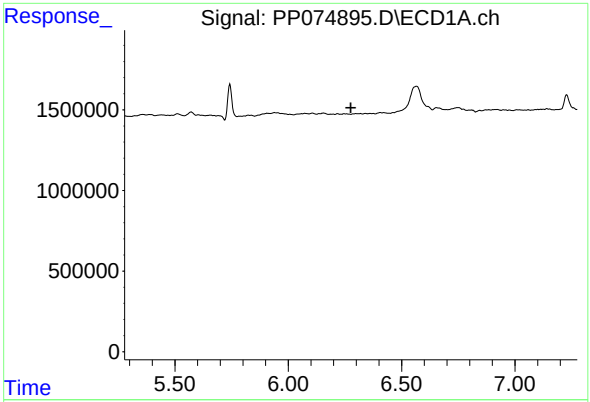
#6 AR-1016-4

R.T.: 6.008 min
Delta R.T.: 0.024 min
Response: 156179
Conc: 4.44 ng/ml



#6 AR-1016-4

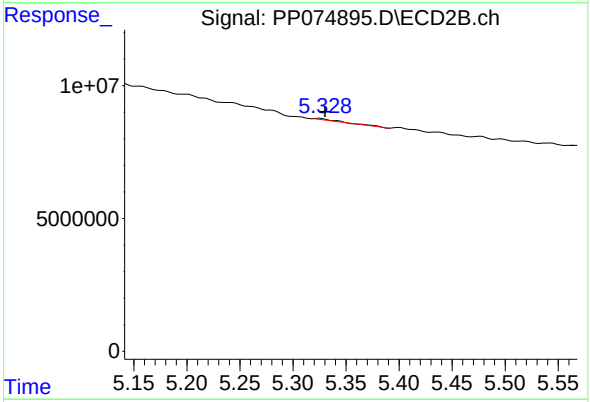
R.T.: 5.125 min
Delta R.T.: 0.009 min
Response: 3411588
Conc: 24.40 ng/ml



#7 AR-1016-5

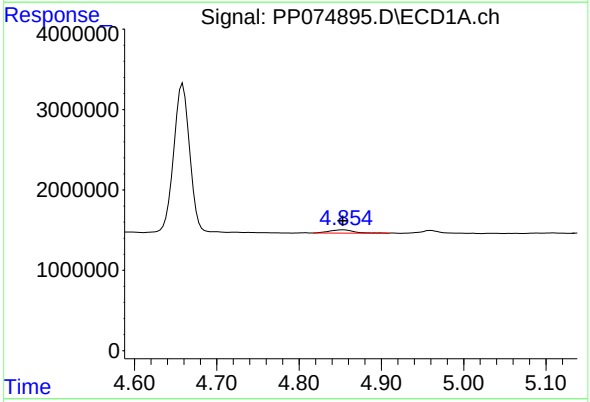
R.T.: 0.000 min
Exp R.T. : 6.276 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TT-078-IDWGW-20250903



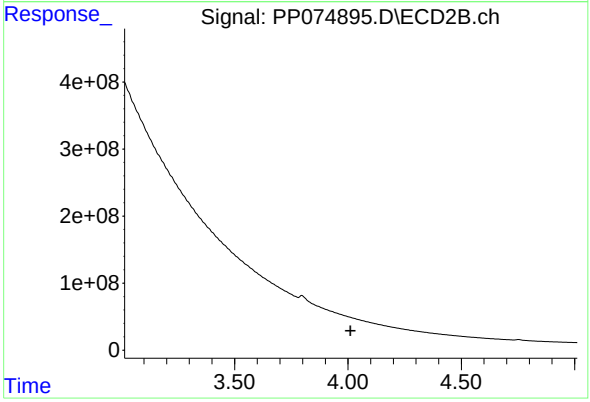
#7 AR-1016-5

R.T.: 5.326 min
Delta R.T.: -0.005 min
Response: 900459
Conc: 5.42 ng/ml



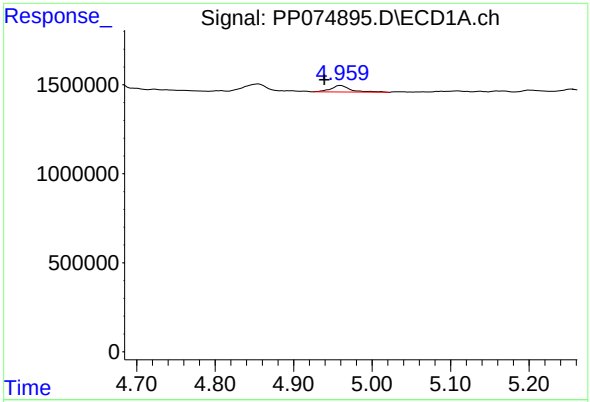
#8 AR-1221-1

R.T.: 4.855 min
Delta R.T.: 0.002 min
Response: 885060
Conc: 50.31 ng/ml



#8 AR-1221-1

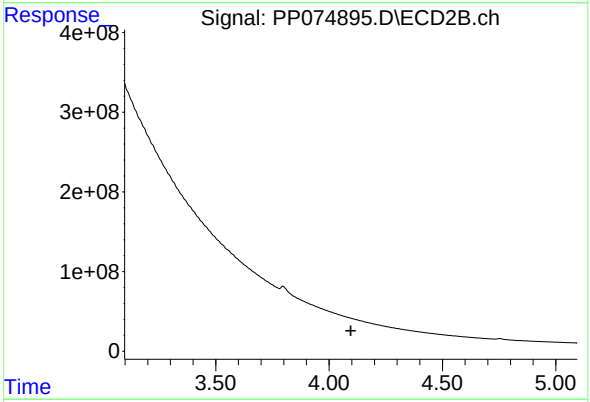
R.T.: 0.000 min
Exp R.T. : 4.011 min
Response: 0
Conc: N.D.



#9 AR-1221-2

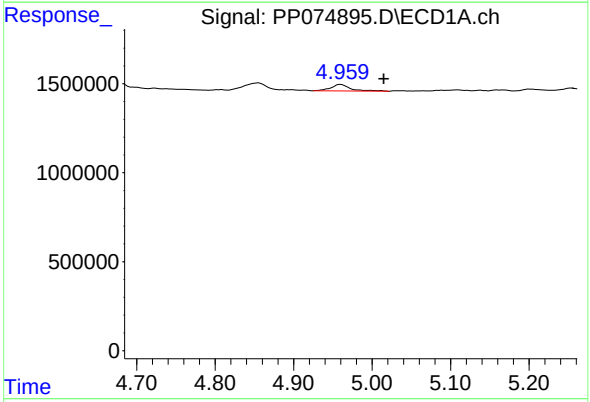
R.T.: 4.960 min
Delta R.T.: 0.021 min
Response: 635732
Conc: 47.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-078-IDWGW-20250903



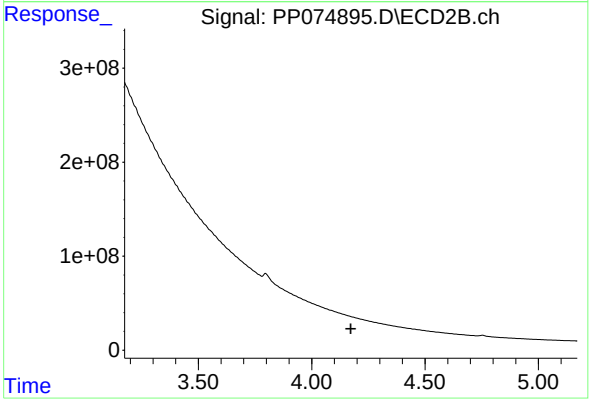
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.097 min
Response: 0
Conc: N.D.



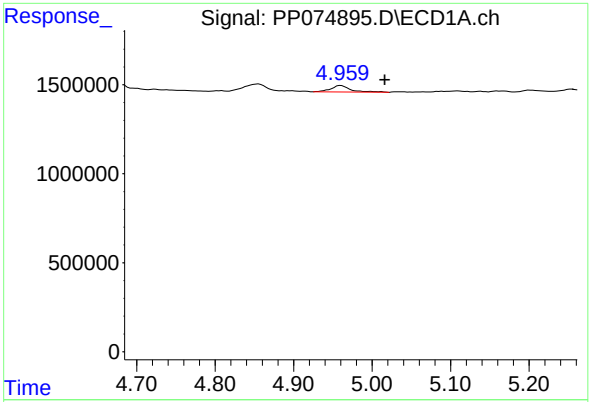
#10 AR-1221-3

R.T.: 4.960 min
Delta R.T.: -0.055 min
Response: 635732
Conc: 16.77 ng/ml



#10 AR-1221-3

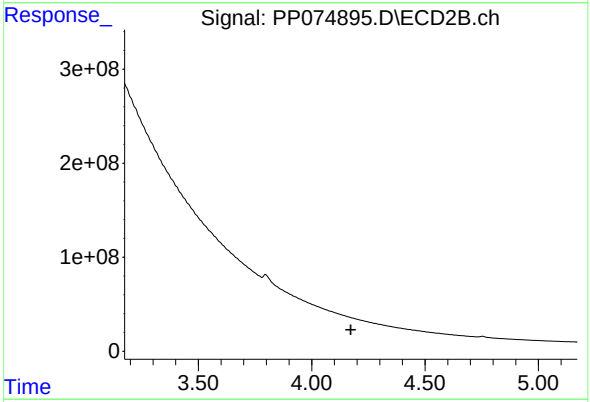
R.T.: 0.000 min
Exp R.T. : 4.173 min
Response: 0
Conc: N.D.



#11 AR-1232-1

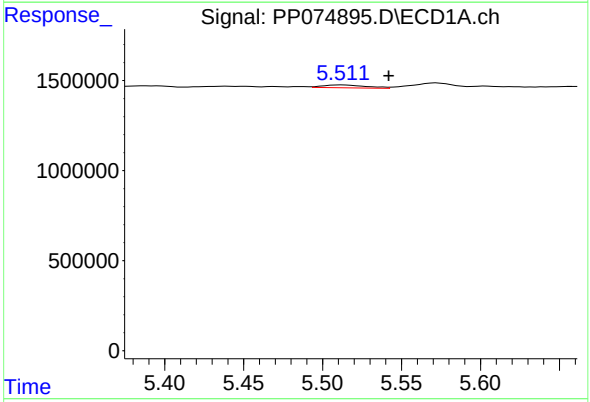
R.T.: 4.960 min
Delta R.T.: -0.056 min
Response: 635732
Conc: 20.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-078-IDWGW-20250903



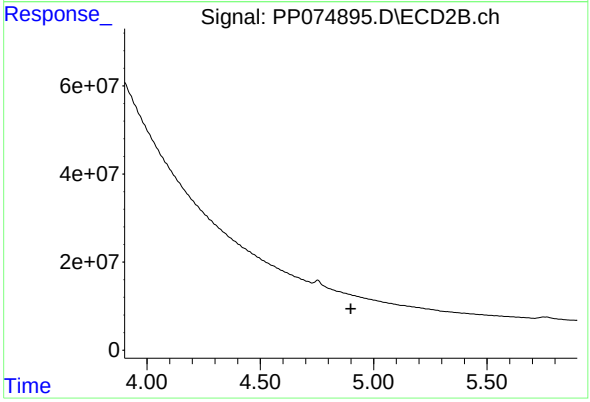
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.172 min
Response: 0
Conc: N.D.



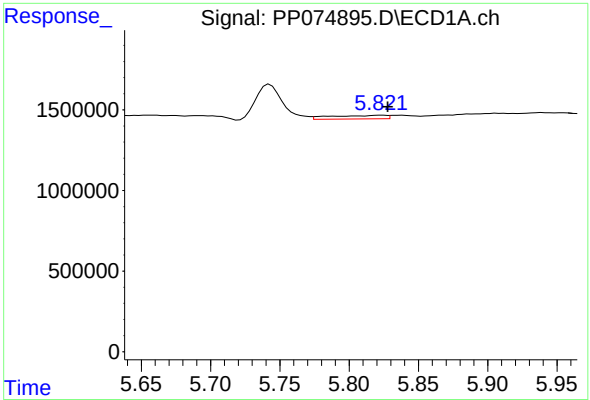
#12 AR-1232-2

R.T.: 5.512 min
Delta R.T.: -0.030 min
Response: 314546
Conc: 19.96 ng/ml



#12 AR-1232-2

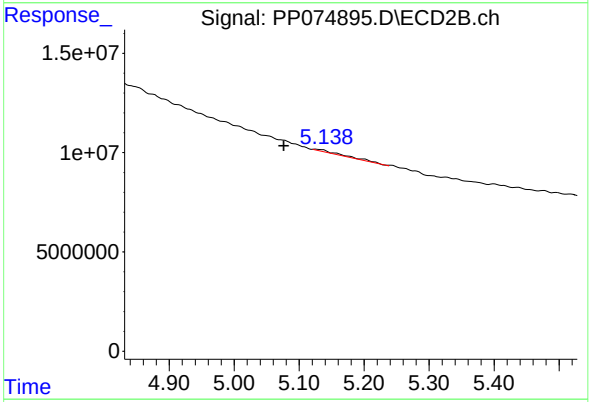
R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#13 AR-1232-3

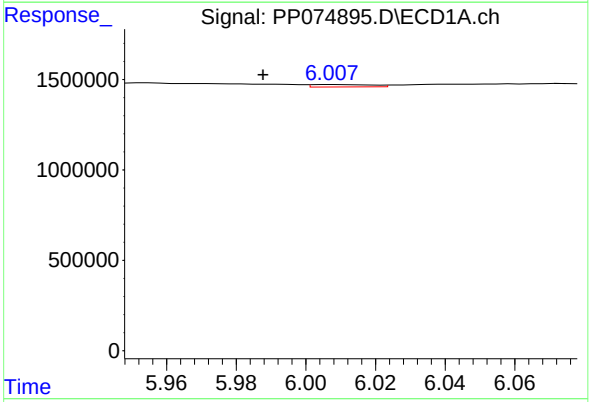
R.T.: 5.823 min
Delta R.T.: -0.004 min
Response: 613479
Conc: 20.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-078-IDWGW-20250903



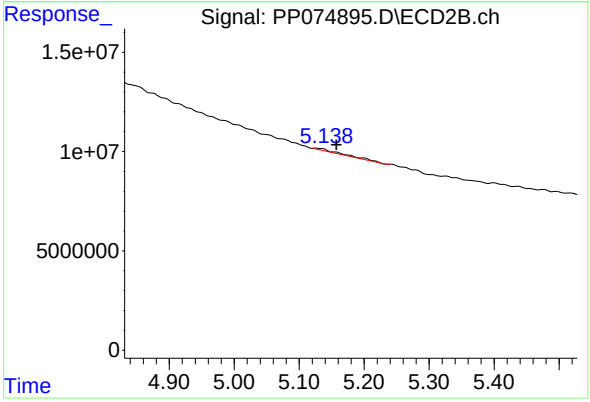
#13 AR-1232-3

R.T.: 5.125 min
Delta R.T.: 0.049 min
Response: 3411588
Conc: 56.80 ng/ml



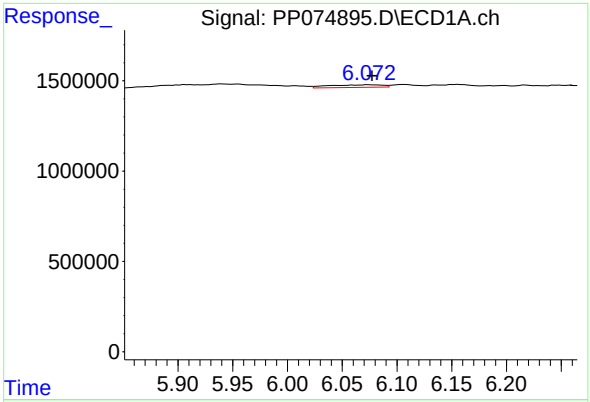
#14 AR-1232-4

R.T.: 6.008 min
Delta R.T.: 0.020 min
Response: 156179
Conc: 9.04 ng/ml



#14 AR-1232-4

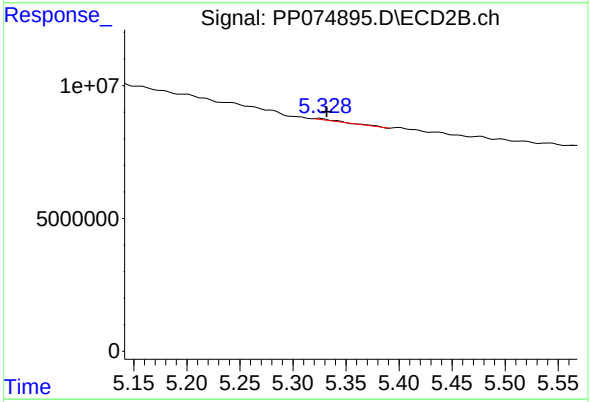
R.T.: 5.125 min
Delta R.T.: -0.032 min
Response: 3411588
Conc: 46.29 ng/ml



#15 AR-1232-5

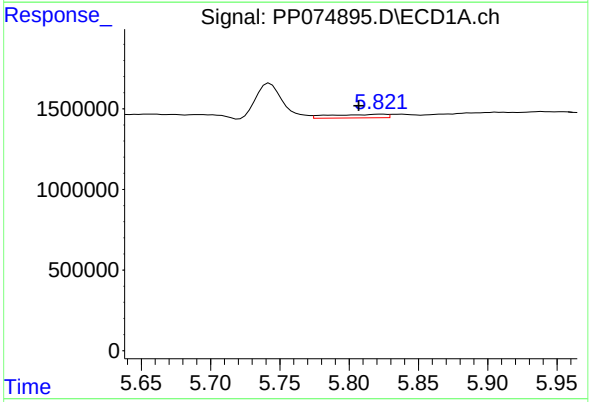
R.T.: 6.074 min
Delta R.T.: -0.003 min
Response: 493118
Conc: 37.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-078-IDWGW-20250903



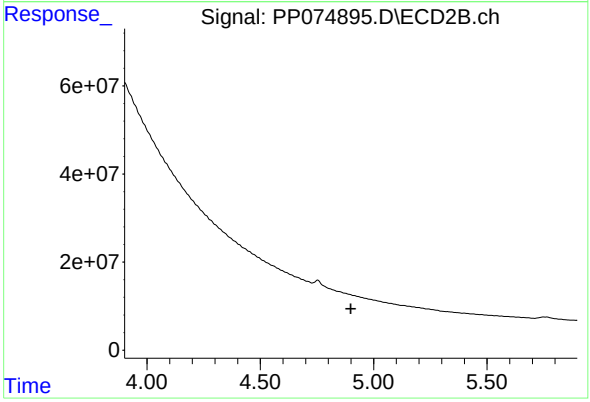
#15 AR-1232-5

R.T.: 5.326 min
Delta R.T.: -0.006 min
Response: 900459
Conc: 14.50 ng/ml



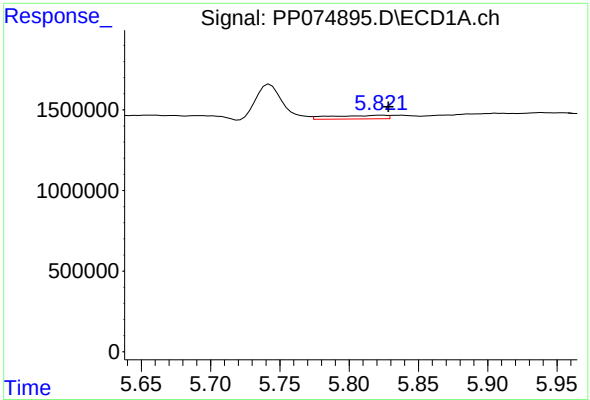
#16 AR-1242-1

R.T.: 5.823 min
Delta R.T.: 0.016 min
Response: 613479
Conc: 16.03 ng/ml



#16 AR-1242-1

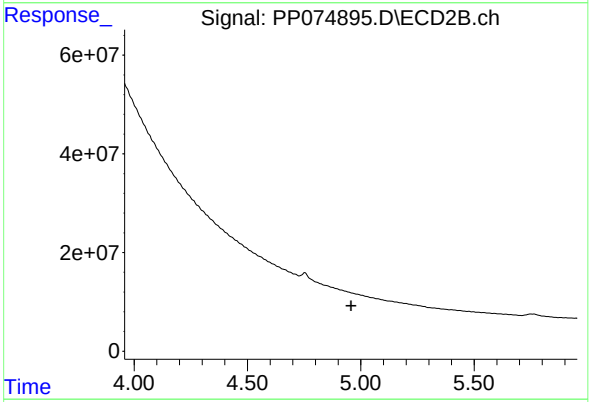
R.T.: 0.000 min
Exp R.T. : 4.900 min
Response: 0
Conc: N.D.



#17 AR-1242-2

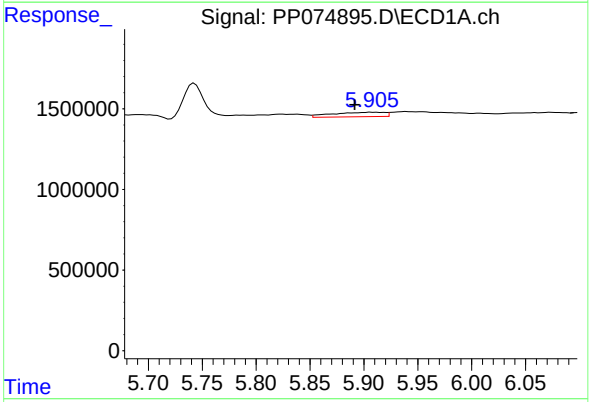
R.T.: 5.823 min
Delta R.T.: -0.005 min
Response: 613479
Conc: 10.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-078-IDWGW-20250903



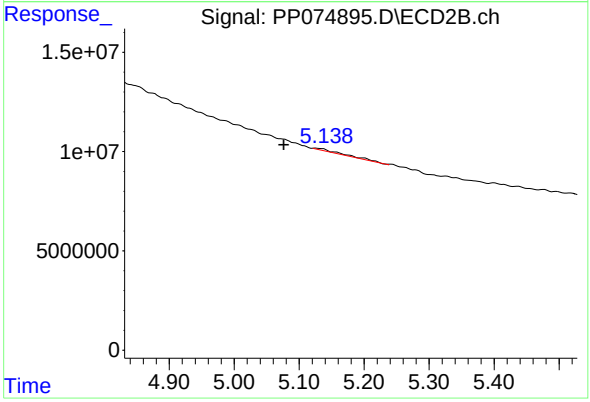
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.957 min
Response: 0
Conc: N.D.



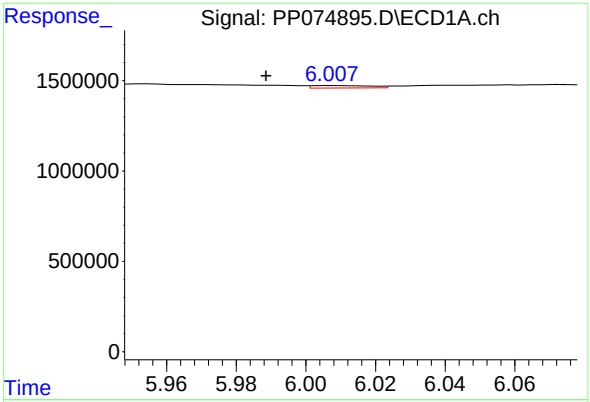
#18 AR-1242-3

R.T.: 5.907 min
Delta R.T.: 0.015 min
Response: 945647
Conc: 23.29 ng/ml



#18 AR-1242-3

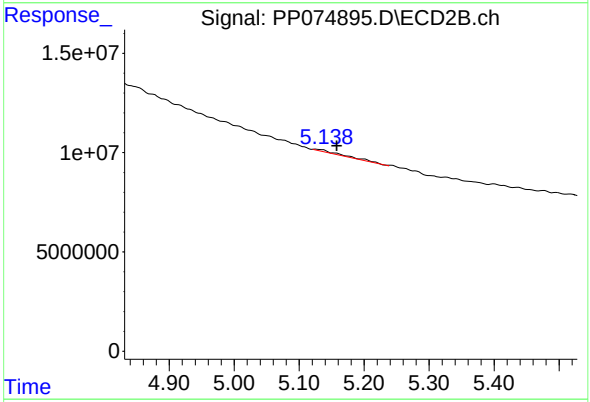
R.T.: 5.125 min
Delta R.T.: 0.049 min
Response: 3411588
Conc: 28.84 ng/ml



#19 AR-1242-4

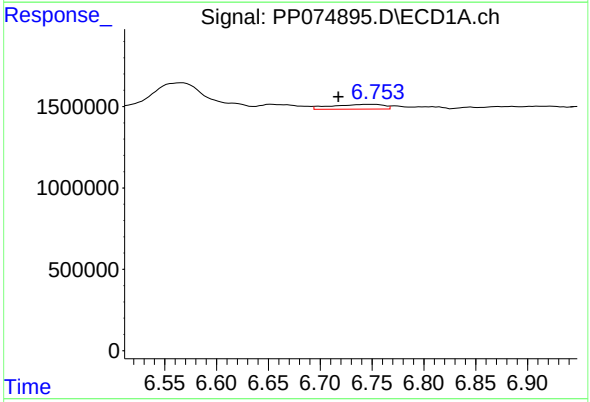
R.T.: 6.008 min
Delta R.T.: 0.019 min
Response: 156179
Conc: 4.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-078-IDWGW-20250903



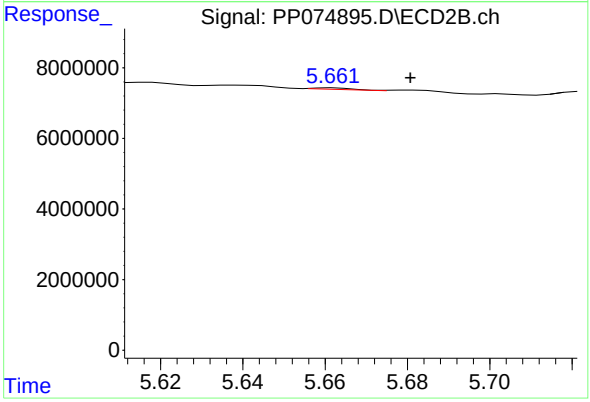
#19 AR-1242-4

R.T.: 5.125 min
Delta R.T.: -0.033 min
Response: 3411588
Conc: 19.93 ng/ml



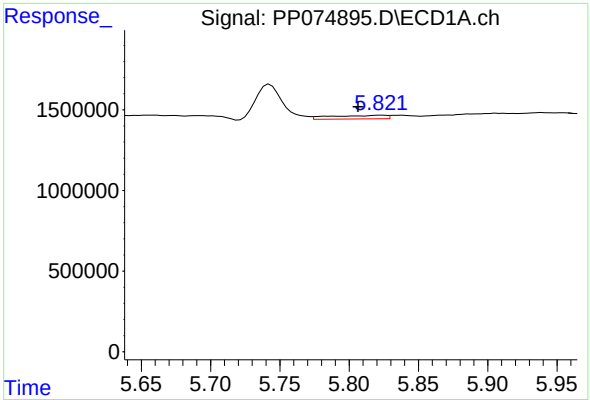
#20 AR-1242-5

R.T.: 6.752 min
Delta R.T.: 0.035 min
Response: 1011103
Conc: 28.03 ng/ml



#20 AR-1242-5

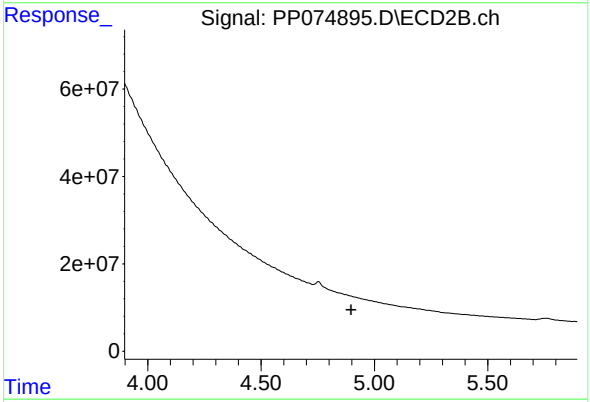
R.T.: 5.662 min
Delta R.T.: -0.019 min
Response: 303841
Conc: 1.64 ng/ml



#21 AR-1248-1

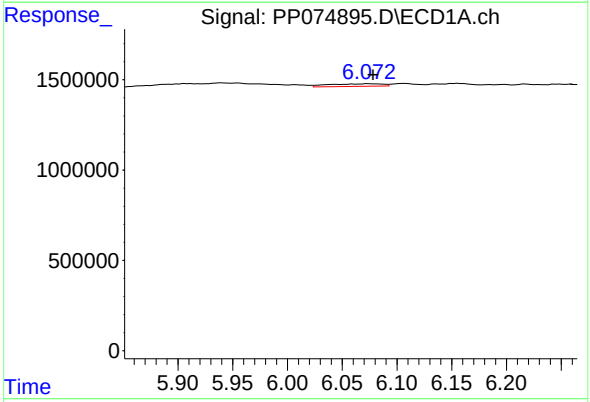
R.T.: 5.823 min
Delta R.T.: 0.017 min
Response: 613479
Conc: 20.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-078-IDWGW-20250903



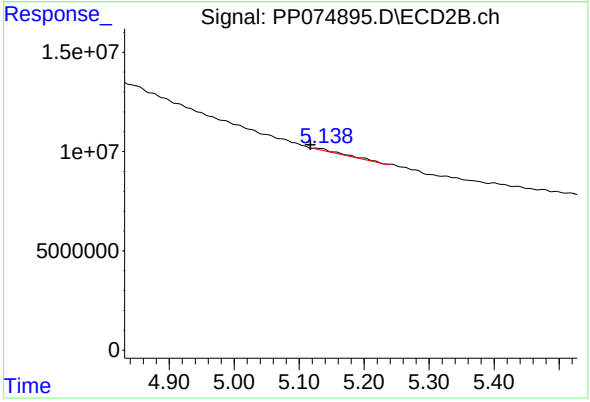
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.



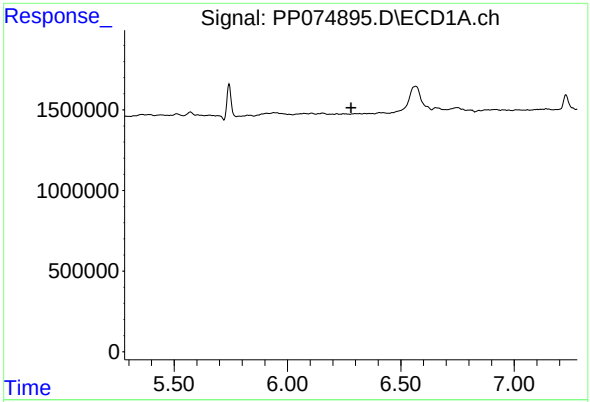
#22 AR-1248-2

R.T.: 6.074 min
Delta R.T.: -0.004 min
Response: 493118
Conc: 11.44 ng/ml



#22 AR-1248-2

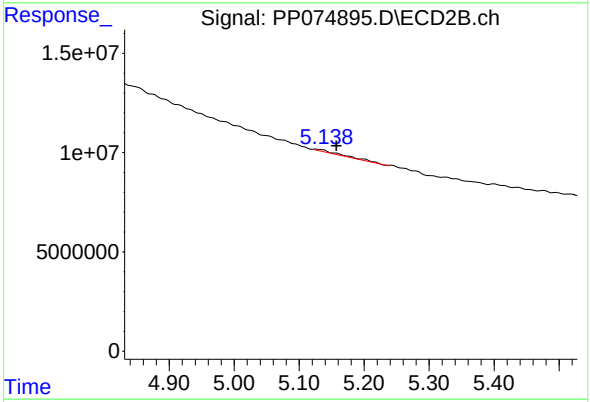
R.T.: 5.125 min
Delta R.T.: 0.008 min
Response: 3411588
Conc: 19.30 ng/ml



#23 AR-1248-3

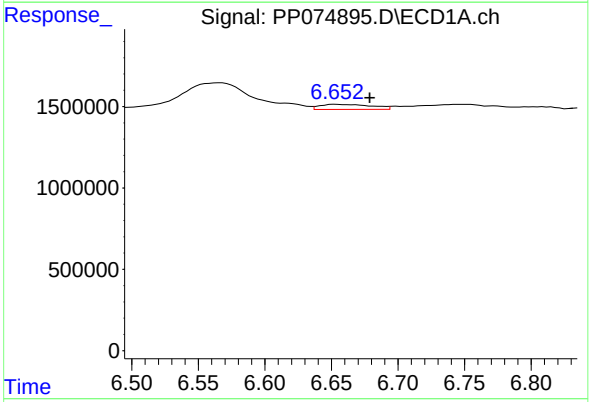
R.T.: 0.000 min
Exp R.T. : 6.281 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TT-078-IDWGW-20250903



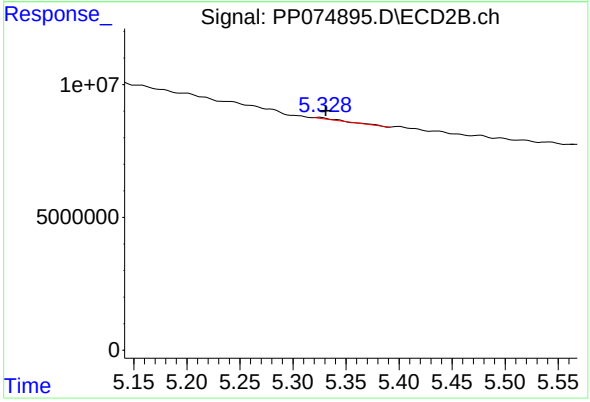
#23 AR-1248-3

R.T.: 5.125 min
Delta R.T.: -0.032 min
Response: 3411588
Conc: 15.02 ng/ml



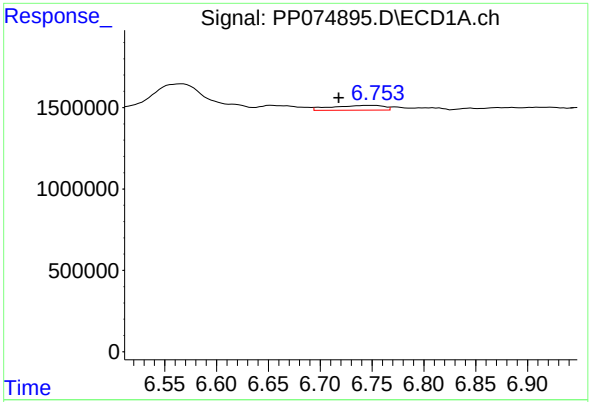
#24 AR-1248-4

R.T.: 6.654 min
Delta R.T.: -0.025 min
Response: 843013
Conc: 15.33 ng/ml



#24 AR-1248-4

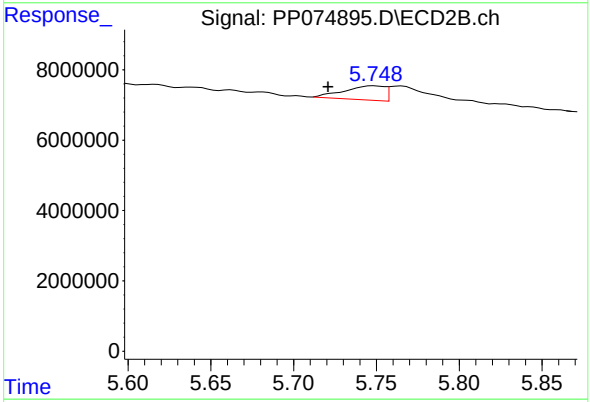
R.T.: 5.326 min
Delta R.T.: -0.005 min
Response: 900459
Conc: 4.13 ng/ml



#25 AR-1248-5

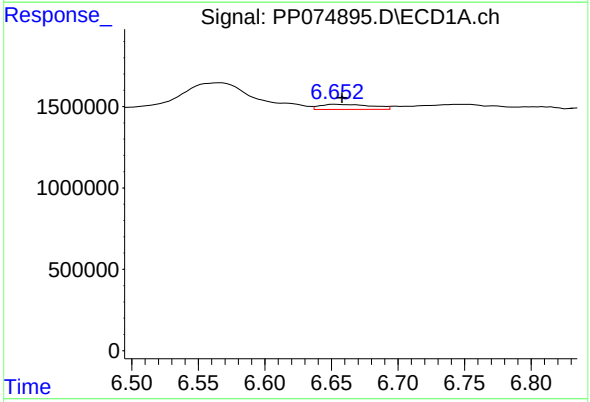
R.T.: 6.752 min
Delta R.T.: 0.034 min
Response: 1011103
Conc: 18.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-078-IDWGW-20250903



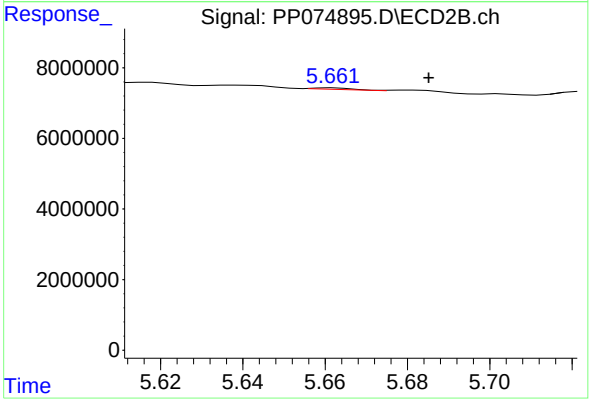
#25 AR-1248-5

R.T.: 5.748 min
Delta R.T.: 0.027 min
Response: 6831528
Conc: 18.60 ng/ml



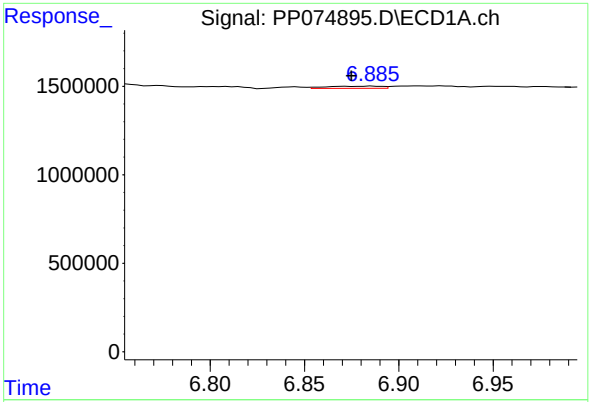
#26 AR-1254-1

R.T.: 6.654 min
Delta R.T.: -0.004 min
Response: 843013
Conc: 14.47 ng/ml



#26 AR-1254-1

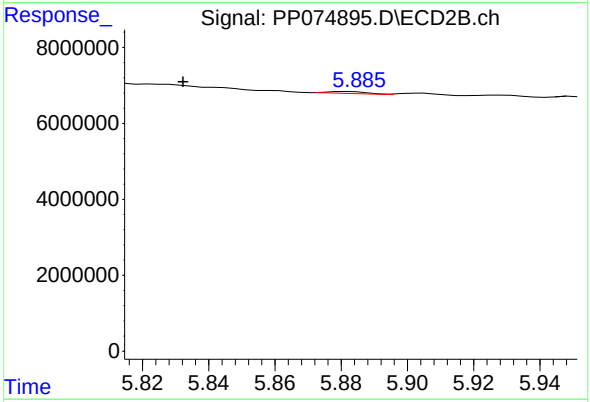
R.T.: 5.662 min
Delta R.T.: -0.023 min
Response: 303841
Conc: 0.64 ng/ml



#27 AR-1254-2

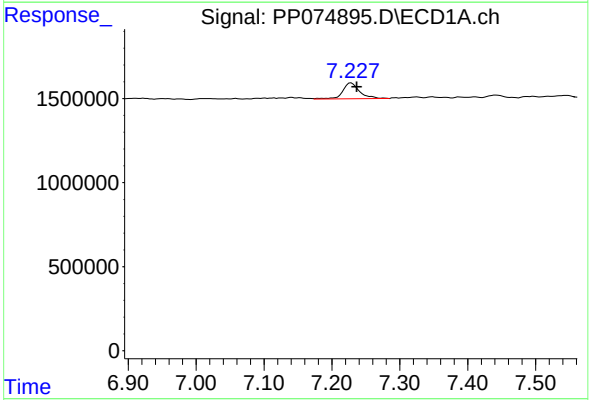
R.T.: 6.886 min
Delta R.T.: 0.011 min
Response: 247902
Conc: 3.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-078-IDWGW-20250903



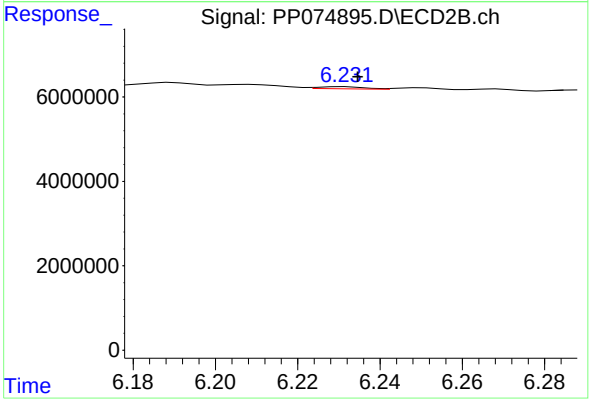
#27 AR-1254-2

R.T.: 5.882 min
Delta R.T.: 0.050 min
Response: 431870
Conc: 1.23 ng/ml



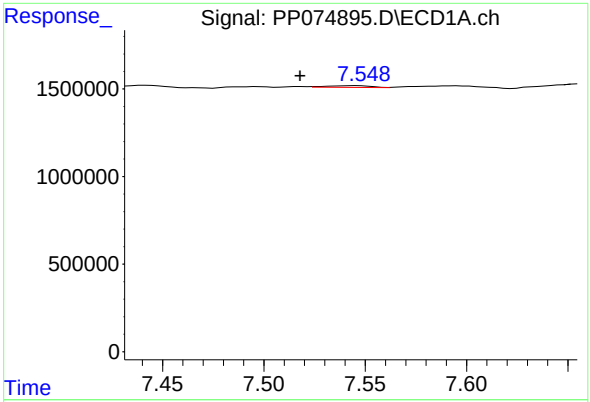
#28 AR-1254-3

R.T.: 7.228 min
Delta R.T.: -0.008 min
Response: 1622721
Conc: 18.19 ng/ml



#28 AR-1254-3

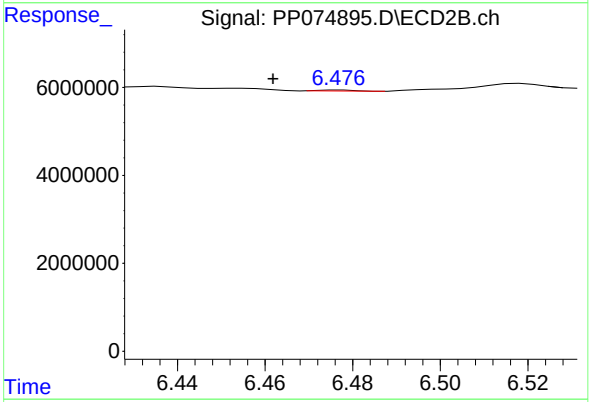
R.T.: 6.232 min
Delta R.T.: -0.003 min
Response: 408811
Conc: 0.66 ng/ml



#29 AR-1254-4

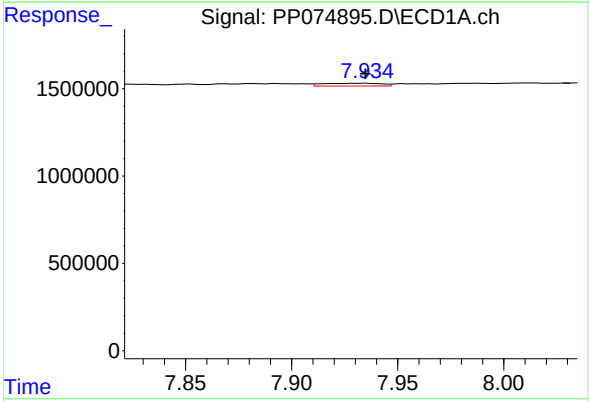
R.T.: 7.546 min
Delta R.T.: 0.028 min
Response: 153299
Conc: 2.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-078-IDWGW-20250903



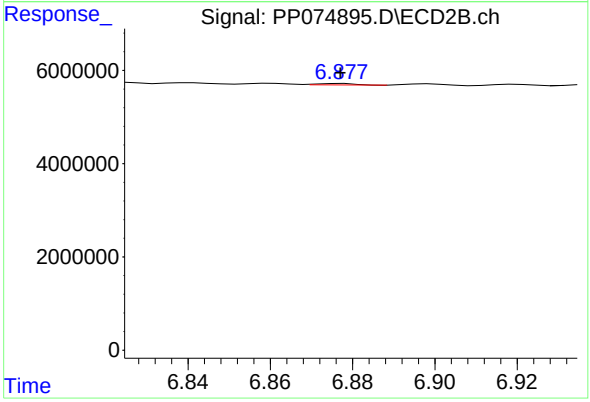
#29 AR-1254-4

R.T.: 6.477 min
Delta R.T.: 0.016 min
Response: 142666
Conc: 0.30 ng/ml



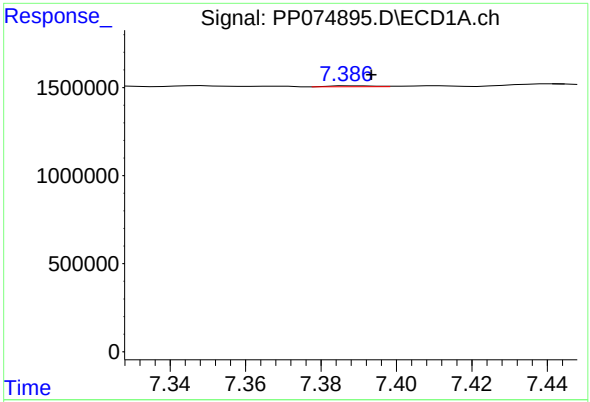
#30 AR-1254-5

R.T.: 7.935 min
Delta R.T.: 0.000 min
Response: 304988
Conc: 3.67 ng/ml



#30 AR-1254-5

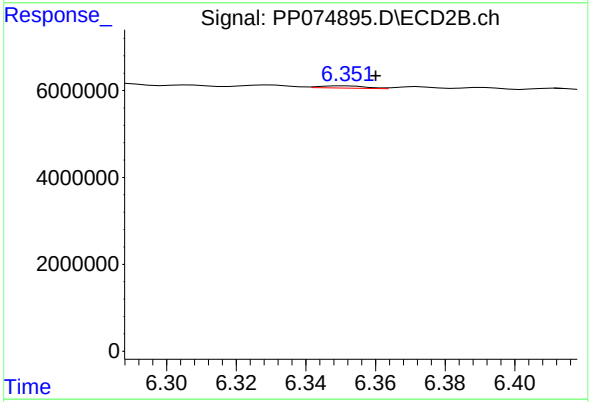
R.T.: 6.878 min
Delta R.T.: 0.000 min
Response: 189405
Conc: 0.39 ng/ml



#31 AR-1260-1

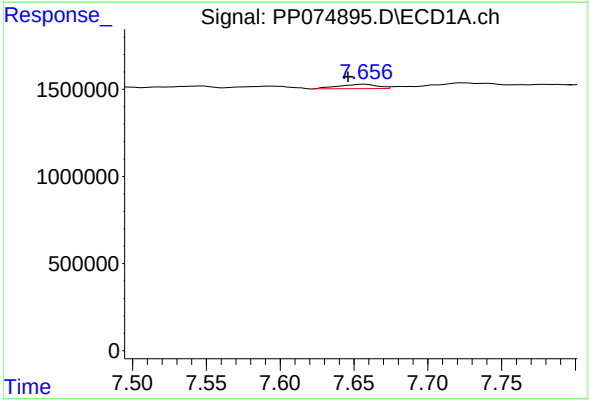
R.T.: 7.388 min
Delta R.T.: -0.005 min
Response: 42847
Conc: 0.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-078-IDWGW-20250903



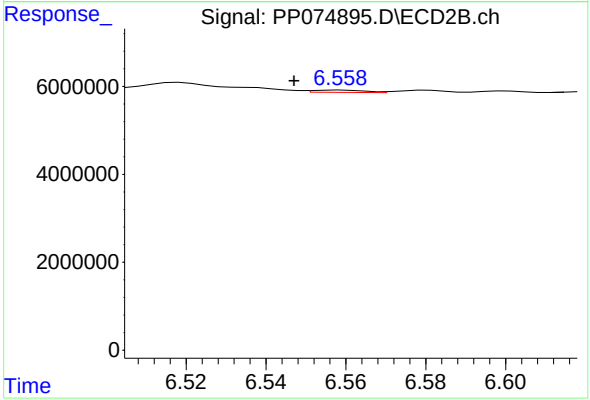
#31 AR-1260-1

R.T.: 6.352 min
Delta R.T.: -0.008 min
Response: 487399
Conc: 1.30 ng/ml



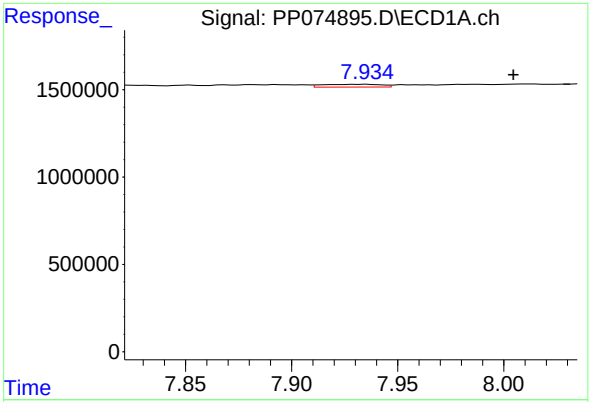
#32 AR-1260-2

R.T.: 7.657 min
Delta R.T.: 0.011 min
Response: 456047
Conc: 6.62 ng/ml



#32 AR-1260-2

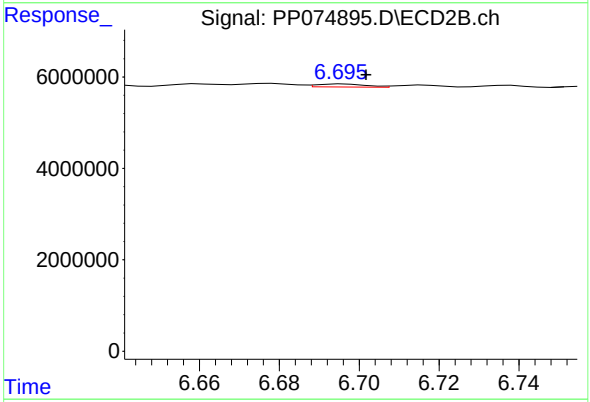
R.T.: 6.559 min
Delta R.T.: 0.012 min
Response: 470669
Conc: 0.89 ng/ml



#33 AR-1260-3

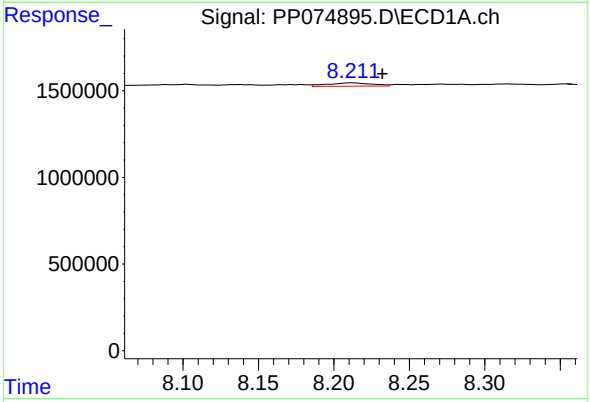
R.T.: 7.935 min
Delta R.T.: -0.069 min
Response: 304988
Conc: 5.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-078-IDWGW-20250903



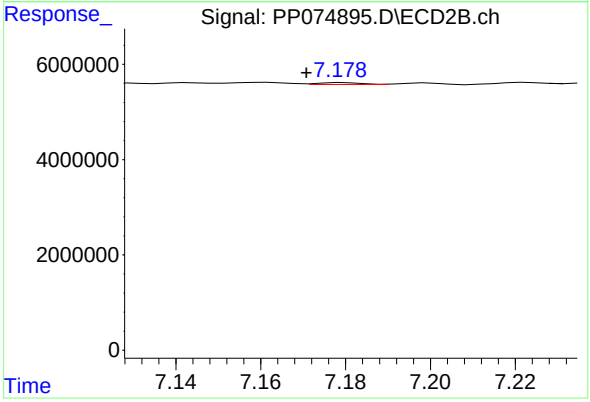
#33 AR-1260-3

R.T.: 6.696 min
Delta R.T.: -0.006 min
Response: 579455
Conc: 1.34 ng/ml



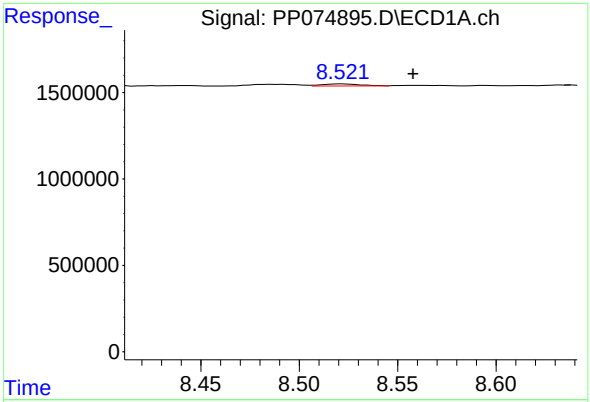
#34 AR-1260-4

R.T.: 8.213 min
Delta R.T.: -0.019 min
Response: 401853
Conc: 6.30 ng/ml



#34 AR-1260-4

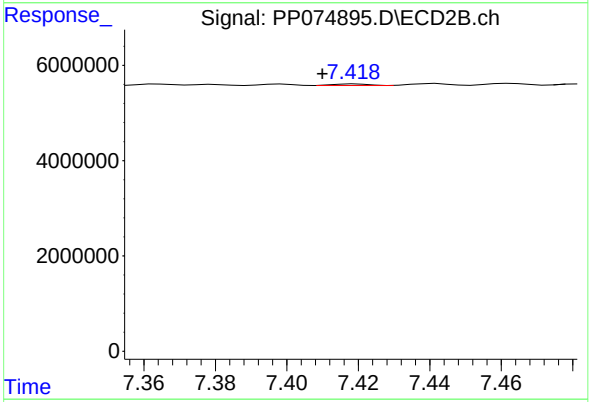
R.T.: 7.180 min
Delta R.T.: 0.009 min
Response: 287380
Conc: 0.75 ng/ml



#35 AR-1260-5

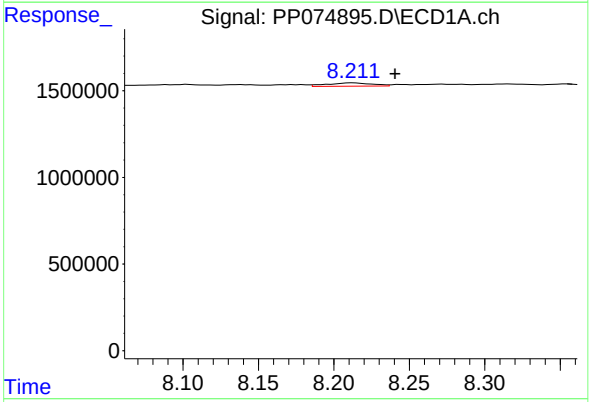
R.T.: 8.522 min
Delta R.T.: -0.036 min
Response: 159333
Conc: 1.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-078-IDWGW-20250903



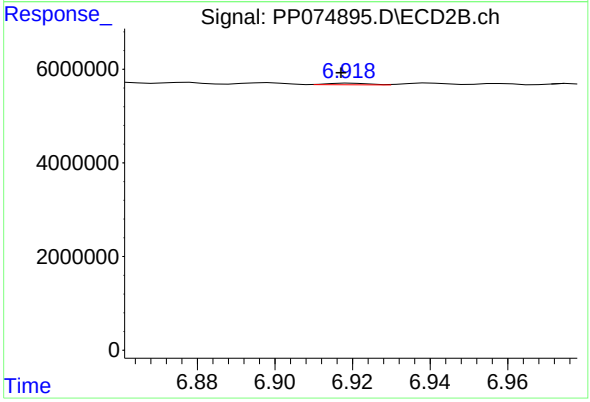
#35 AR-1260-5

R.T.: 7.419 min
Delta R.T.: 0.009 min
Response: 236836
Conc: 0.24 ng/ml



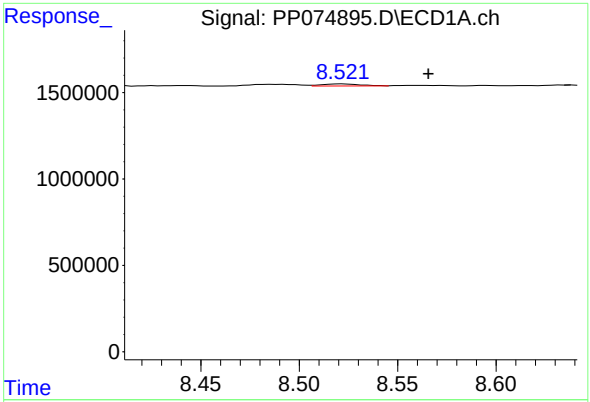
#36 AR-1262-1

R.T.: 8.213 min
Delta R.T.: -0.028 min
Response: 401853
Conc: 5.22 ng/ml



#36 AR-1262-1

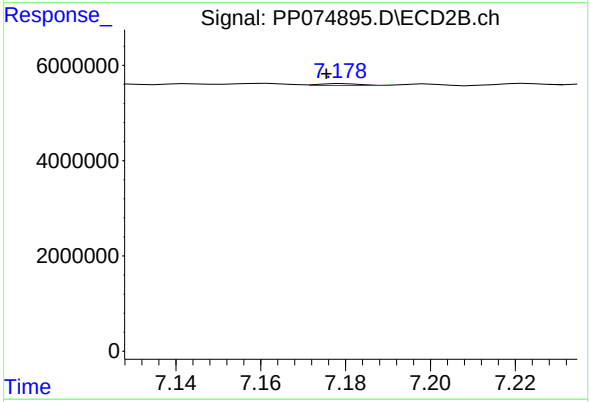
R.T.: 6.920 min
Delta R.T.: 0.003 min
Response: 240828
Conc: 0.34 ng/ml



#37 AR-1262-2

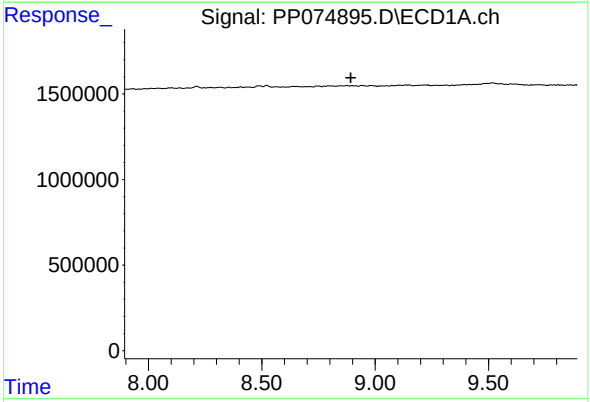
R.T.: 8.522 min
Delta R.T.: -0.044 min
Response: 159333
Conc: 1.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-078-IDWGW-20250903



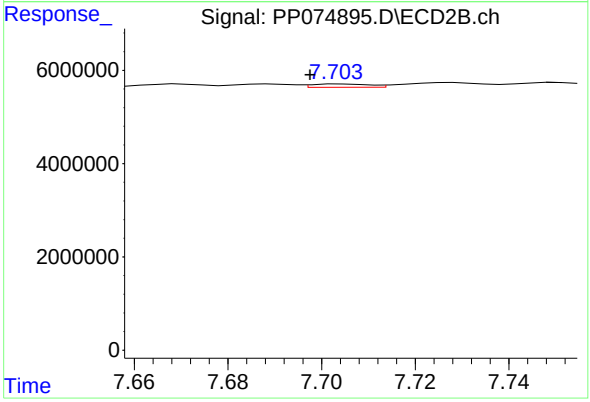
#37 AR-1262-2

R.T.: 7.180 min
Delta R.T.: 0.004 min
Response: 287380
Conc: 0.55 ng/ml



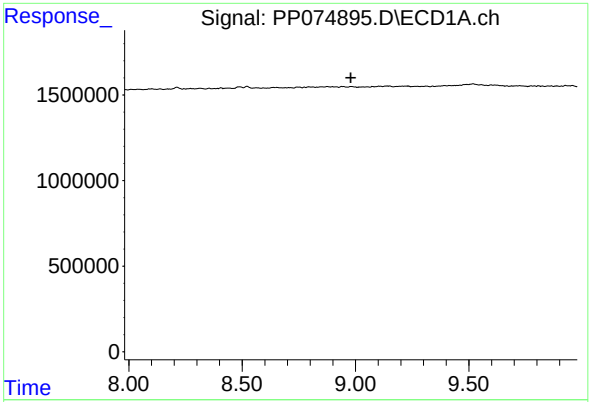
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.892 min
Response: 0
Conc: N.D.



#38 AR-1262-3

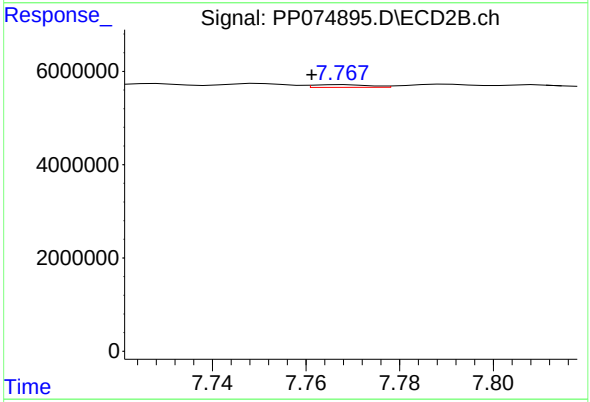
R.T.: 7.704 min
Delta R.T.: 0.006 min
Response: 611524
Conc: 1.31 ng/ml



#39 AR-1262-4

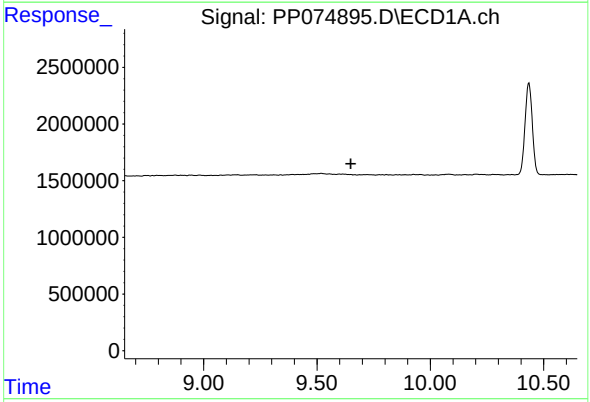
R.T.: 0.000 min
Exp R.T. : 8.979 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TT-078-IDWGW-20250903



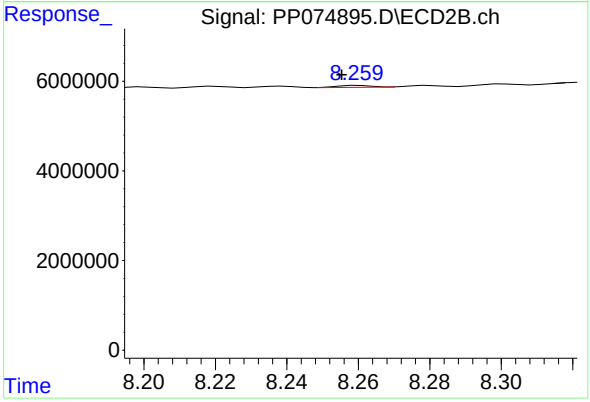
#39 AR-1262-4

R.T.: 7.769 min
Delta R.T.: 0.007 min
Response: 486409
Conc: 0.59 ng/ml



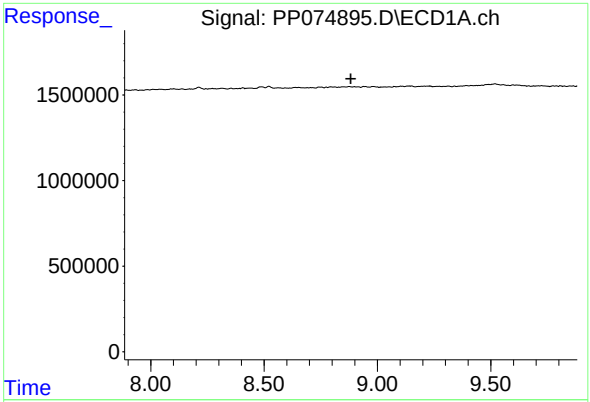
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.650 min
Response: 0
Conc: N.D.



#40 AR-1262-5

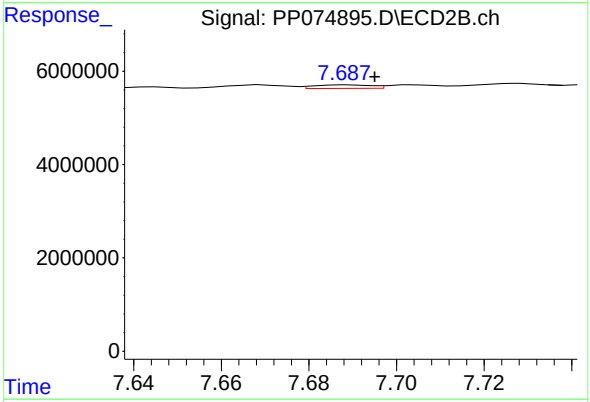
R.T.: 8.260 min
Delta R.T.: 0.005 min
Response: 273976
Conc: 0.76 ng/ml



#41 AR-1268-1

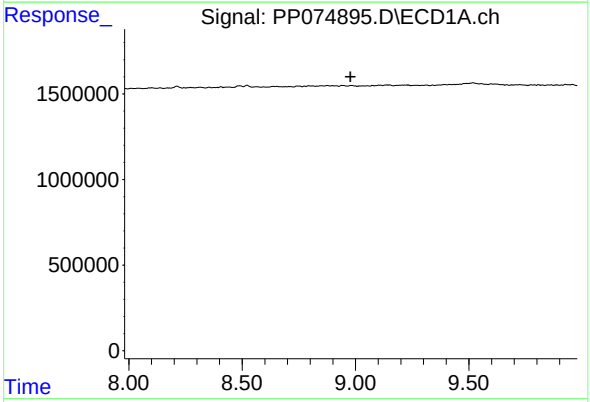
R.T.: 0.000 min
Exp R.T. : 8.883 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TT-078-IDWGW-20250903



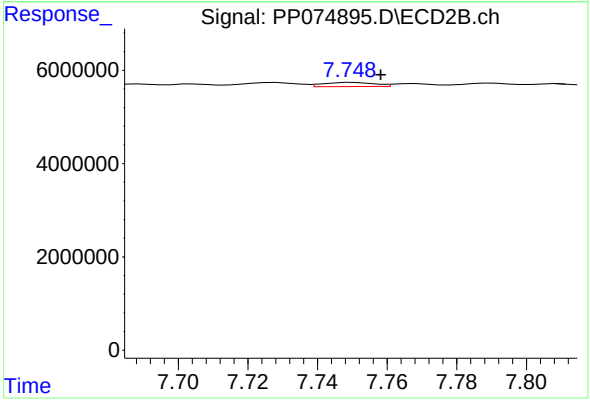
#41 AR-1268-1

R.T.: 7.689 min
Delta R.T.: -0.006 min
Response: 683540
Conc: 0.48 ng/ml



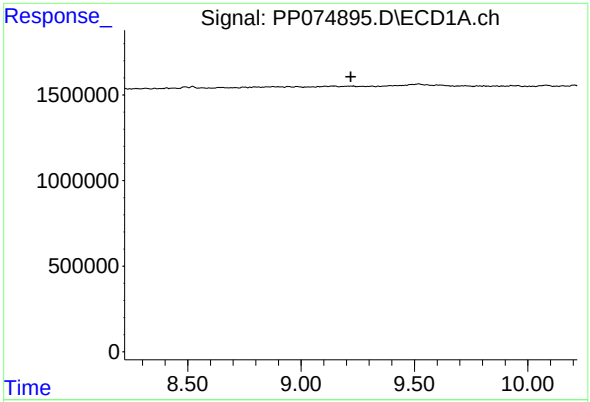
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.978 min
Response: 0
Conc: N.D.



#42 AR-1268-2

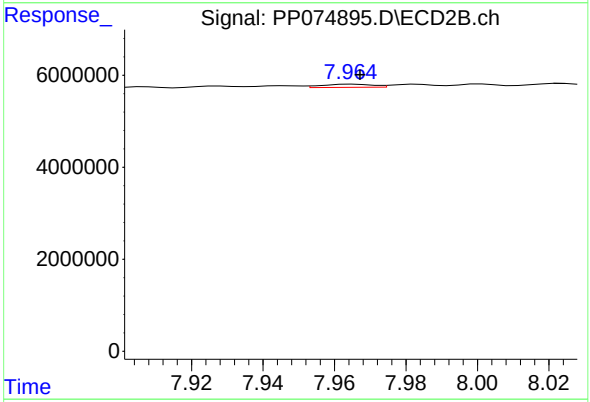
R.T.: 7.750 min
Delta R.T.: -0.008 min
Response: 922811
Conc: 0.68 ng/ml



#43 AR-1268-3

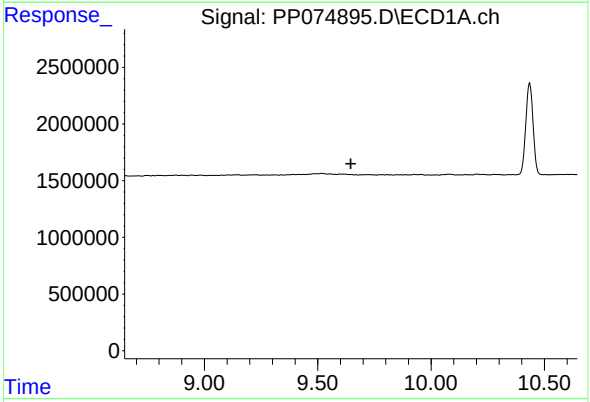
R.T.: 0.000 min
Exp R.T. : 9.219 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TT-078-IDWGW-20250903



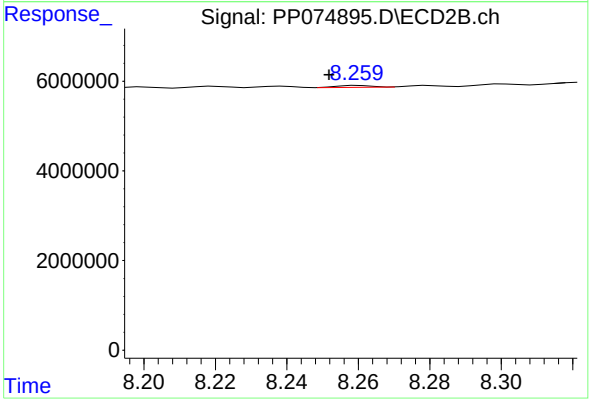
#43 AR-1268-3

R.T.: 7.965 min
Delta R.T.: -0.002 min
Response: 673026
Conc: 0.65 ng/ml



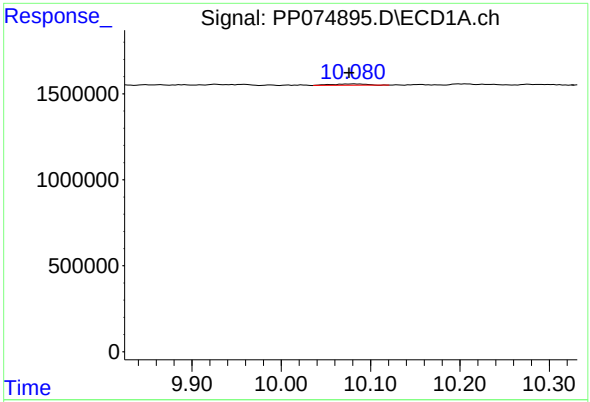
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.645 min
Response: 0
Conc: N.D.



#44 AR-1268-4

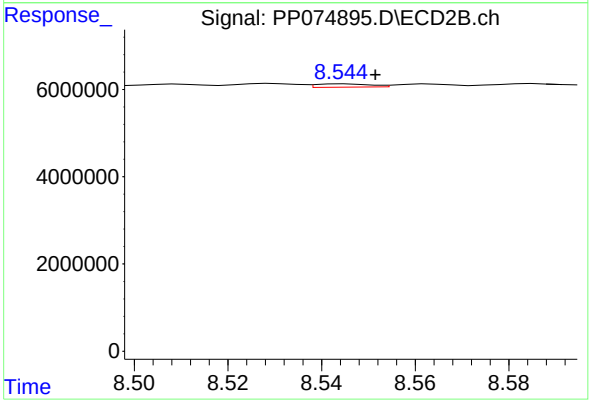
R.T.: 8.260 min
Delta R.T.: 0.008 min
Response: 273976
Conc: 0.72 ng/ml



#45 AR-1268-5

R.T.: 10.081 min
Delta R.T.: 0.005 min
Response: 203205
Conc: 0.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-078-IDWGW-20250903



#45 AR-1268-5

R.T.: 8.545 min
Delta R.T.: -0.007 min
Response: 610683
Conc: 0.19 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074896.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 12:19
Operator : YP\AJ
Sample : Q3017-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TT-079-IDWGW-20250903

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:36:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
2)	SA Decachlor...	10.437	8.810	20245158	129.1E6	20.501	17.221	
	Target Compounds							
3)	L1 AR-1016-1	5.789	0.000	465111	0	10.549	N.D.	#
4)	L1 AR-1016-2	5.828	0.000	800253	0	12.734	N.D.	#
5)	L1 AR-1016-3	5.931f	5.121f	2150166	446341	47.873	3.237	#
6)	L1 AR-1016-4	5.990	5.121	570504	446341	16.216	3.193	#
7)	L1 AR-1016-5	0.000	5.337	0	5290101	N.D.	31.852	#
8)	L2 AR-1221-1	4.852	0.000	104185	0	5.922	N.D.	#
9)	L2 AR-1221-2	4.961	0.000	501286	0	37.529	N.D.	#
10)	L2 AR-1221-3	4.961f	0.000	501286	0	13.222	N.D.	#
11)	L3 AR-1232-1	4.961f	0.000	501286	0	16.504	N.D.	#
12)	L3 AR-1232-2	5.571	0.000	1053053	0	66.826	N.D.	#
13)	L3 AR-1232-3	5.828	5.121f	800253	446341	26.200	7.432	#
14)	L3 AR-1232-4	5.990	5.156	570504	3439736	33.036	46.667	#
15)	L3 AR-1232-5	6.080	5.337	655557	5290101	50.501	85.209	#
16)	L4 AR-1242-1	5.789	0.000	465111	0	12.152	N.D.	#
17)	L4 AR-1242-2	5.828	0.000	800253	0	14.168	N.D.	#
18)	L4 AR-1242-3	5.931f	5.121f	2150166	446341	52.956	3.773	#
19)	L4 AR-1242-4	5.990	5.156	570504	3439736	17.973	20.097	
20)	L4 AR-1242-5	6.737	5.689	1304462	735895	36.164	3.974	#
21)	L5 AR-1248-1	5.789	0.000	465111	0	15.389	N.D.	#
22)	L5 AR-1248-2	6.080	5.121	655557	446341	15.212	2.525	#
23)	L5 AR-1248-3	0.000	5.156	0	3439736	N.D.	15.139	#
24)	L5 AR-1248-4	6.656	5.337	1719217	5290101	31.258	24.264	
25)	L5 AR-1248-5	6.737	5.711	1304462	1047596	23.516	2.852	#
26)	L6 AR-1254-1	6.656	5.689	1719217	735895	29.505	1.544	#
27)	L6 AR-1254-2	6.877	5.880f	1011836	346547	12.398	0.984	#
28)	L6 AR-1254-3	7.228	6.229	4354878	1530170	48.818	2.469	#
29)	L6 AR-1254-4	7.522	6.473	111454	479926	1.691	1.024	#
30)	L6 AR-1254-5	7.927	6.869	159444	197112	1.919	0.402	#
31)	L7 AR-1260-1	7.387	6.364	70063	1035926	1.212	2.761	#
32)	L7 AR-1260-2	7.654	6.573	361342	1316546	5.243	2.490	#
33)	L7 AR-1260-3	7.997	6.699	216509	800379	4.173	1.848	#
34)	L7 AR-1260-4	8.214	7.176	434830	225821	6.816	0.592	#
35)	L7 AR-1260-5	8.574	7.413	93290	379334	0.823	0.378	#
36)	L8 AR-1262-1	8.214	6.912	434830	179924	5.646	0.254	#
37)	L8 AR-1262-2	8.574	7.176	93290	225821	0.705	0.434	#
38)	L8 AR-1262-3	0.000	7.704	0	6496161	N.D.	13.931	#
39)	L8 AR-1262-4	0.000	7.764	0	1627429	N.D.	1.980	#
40)	L8 AR-1262-5	9.603f	8.249	492766	331867	8.084	0.926	#
41)	L9 AR-1268-1	0.000	7.704	0	6496161	N.D.	4.606	#
42)	L9 AR-1268-2	0.000	7.764	0	1627429	N.D.	1.194	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074896.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 12:19
Operator : YP\AJ
Sample : Q3017-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TT-079-IDWGW-20250903

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:36:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	9.220	7.962	107791	688449	0.872	0.660
44) L9	AR-1268-4	9.603f	8.249	492766	331867	7.326	0.866 #
45) L9	AR-1268-5	10.088	8.557	156724	371341	0.423	0.118 #

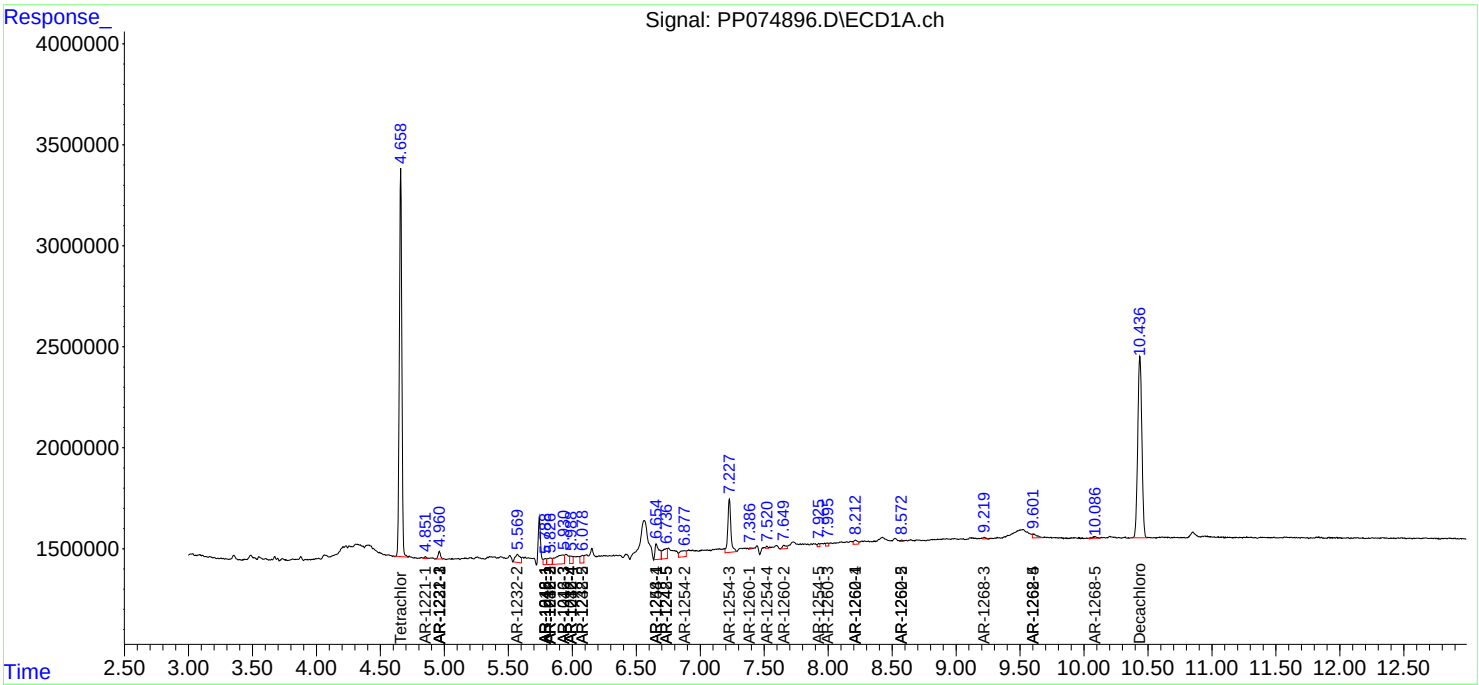
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

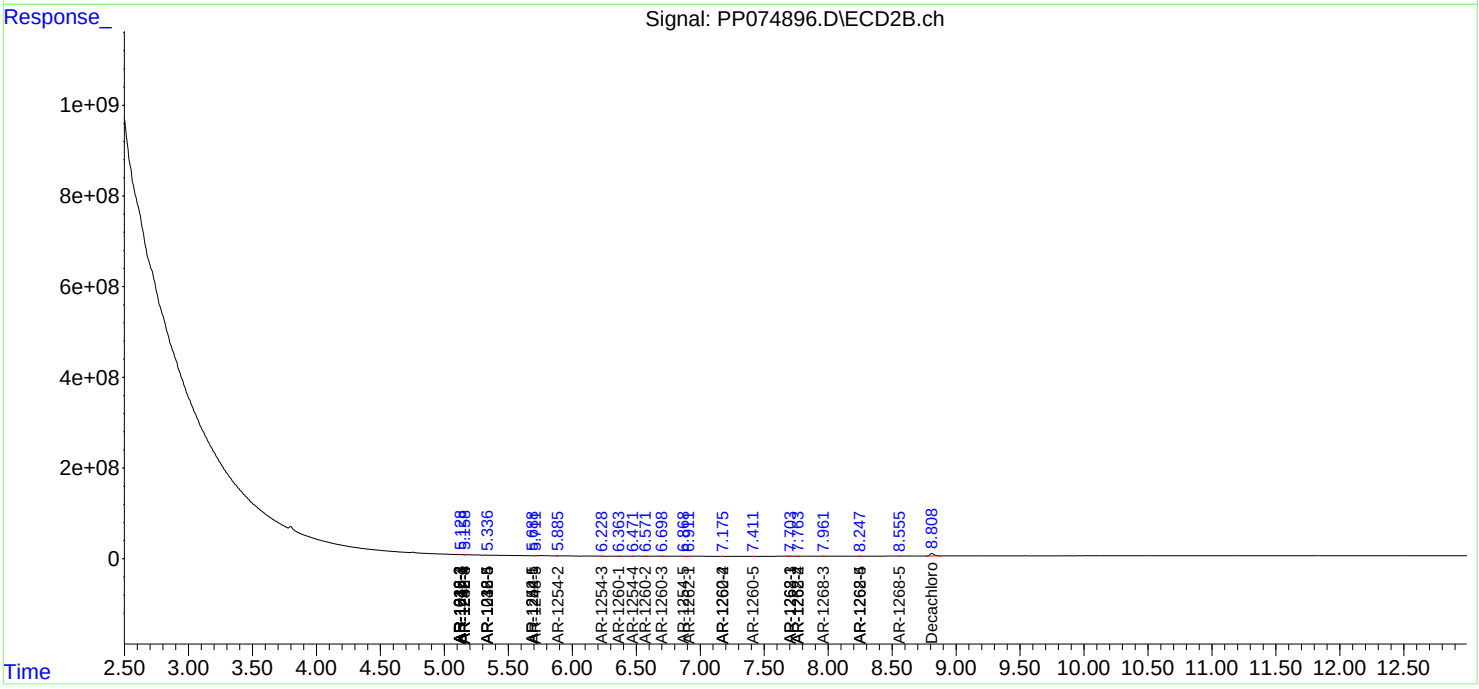
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074896.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 12:19
Operator : YP\AJ
Sample : Q3017-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

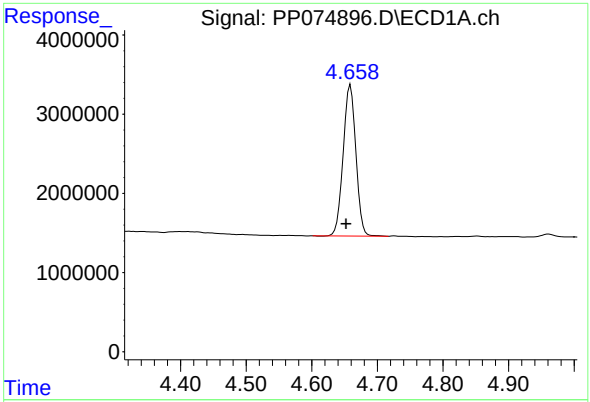
Instrument :
ECD_P
ClientSampleId :
TT-079-IDWGW-20250903

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:36:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



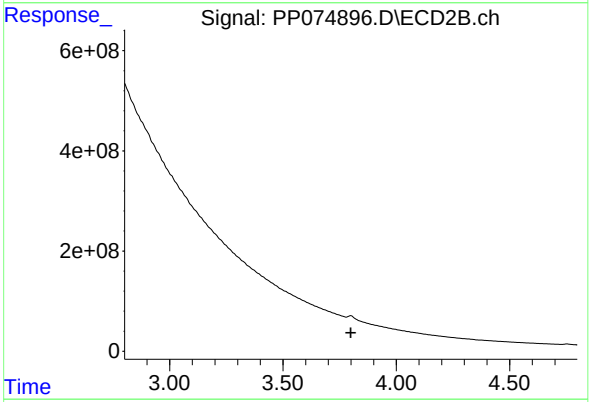




#1 Tetrachloro-m-xylene

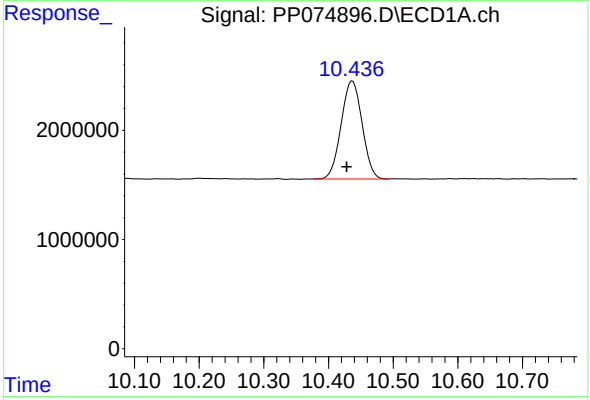
R.T.: 4.659 min
Delta R.T.: 0.007 min
Response: 25743119
Conc: 21.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-079-IDWGW-20250903



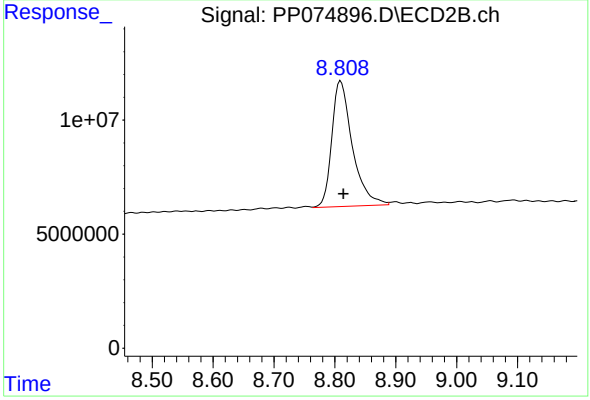
#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: -978545680
Conc: N.D.



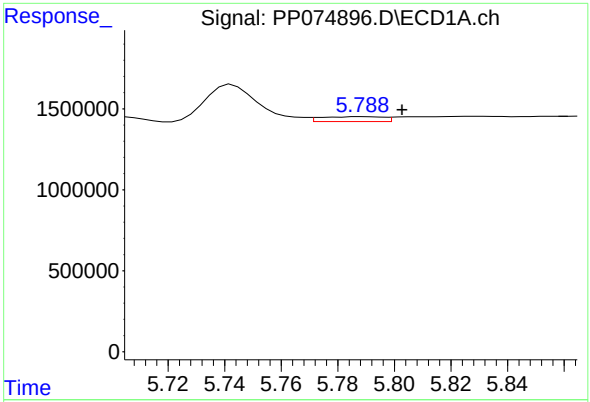
#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.009 min
Response: 20245158
Conc: 20.50 ng/ml



#2 Decachlorobiphenyl

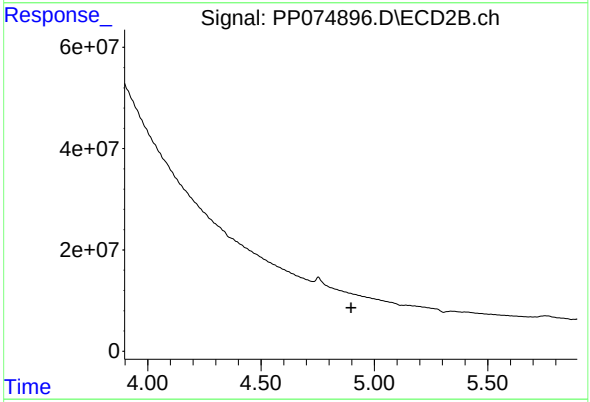
R.T.: 8.810 min
Delta R.T.: -0.004 min
Response: 129143248
Conc: 17.22 ng/ml



#3 AR-1016-1

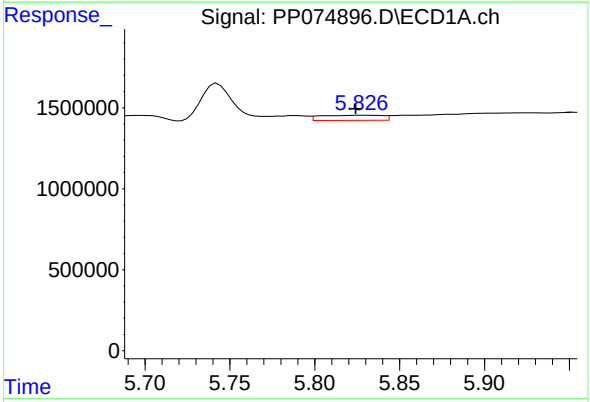
R.T.: 5.789 min
Delta R.T.: -0.014 min
Response: 465111
Conc: 10.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-079-IDWGW-20250903



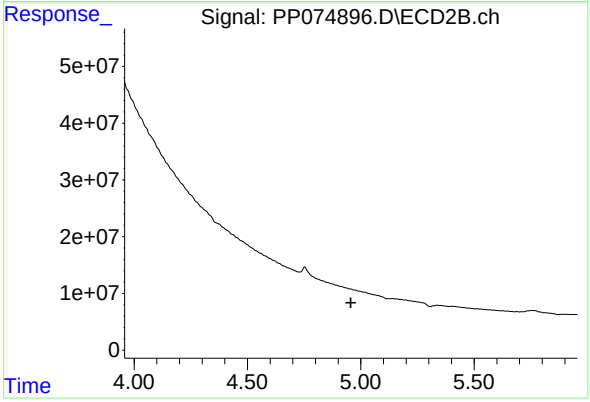
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.



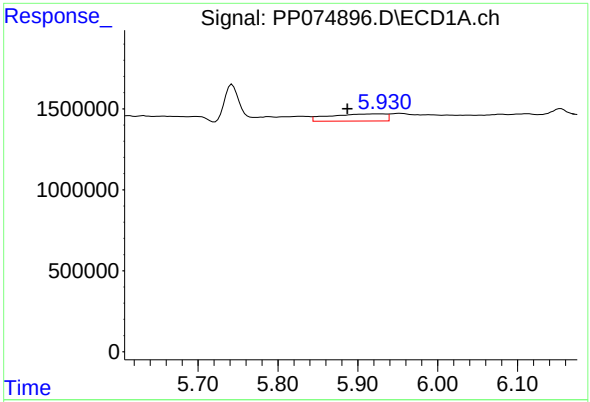
#4 AR-1016-2

R.T.: 5.828 min
Delta R.T.: 0.004 min
Response: 800253
Conc: 12.73 ng/ml



#4 AR-1016-2

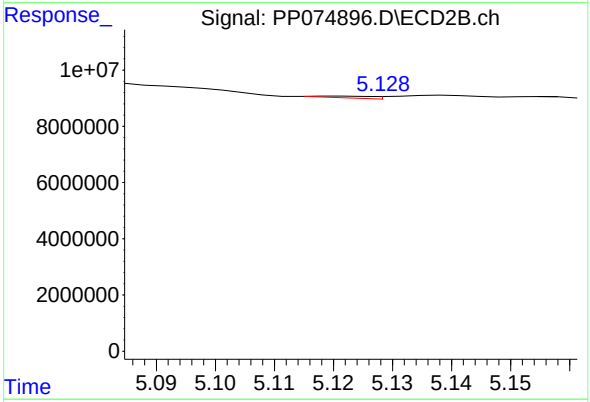
R.T.: 0.000 min
Exp R.T. : 4.956 min
Response: 0
Conc: N.D.



#5 AR-1016-3

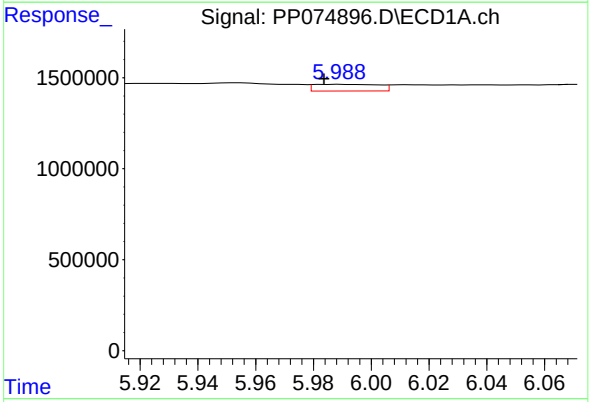
R.T.: 5.931 min
Delta R.T.: 0.044 min
Response: 2150166
Conc: 47.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-079-IDWGW-20250903



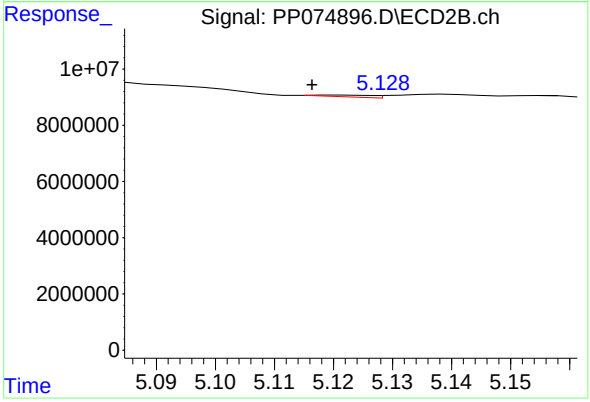
#5 AR-1016-3

R.T.: 5.121 min
Delta R.T.: 0.046 min
Response: 446341
Conc: 3.24 ng/ml



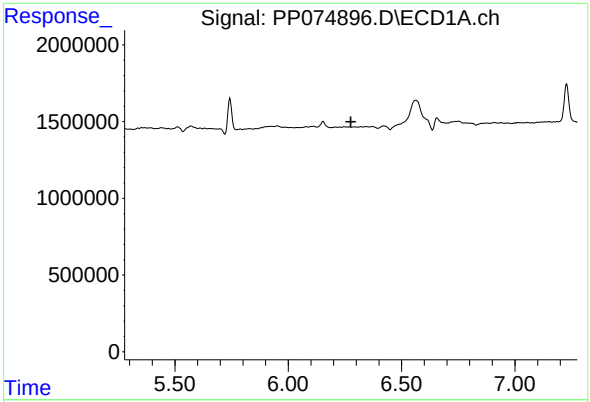
#6 AR-1016-4

R.T.: 5.990 min
Delta R.T.: 0.006 min
Response: 570504
Conc: 16.22 ng/ml



#6 AR-1016-4

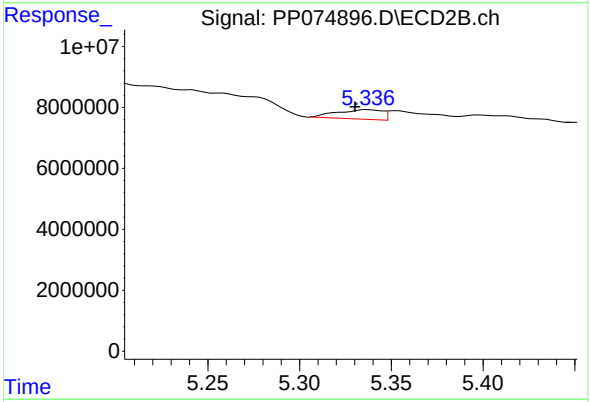
R.T.: 5.121 min
Delta R.T.: 0.005 min
Response: 446341
Conc: 3.19 ng/ml



#7 AR-1016-5

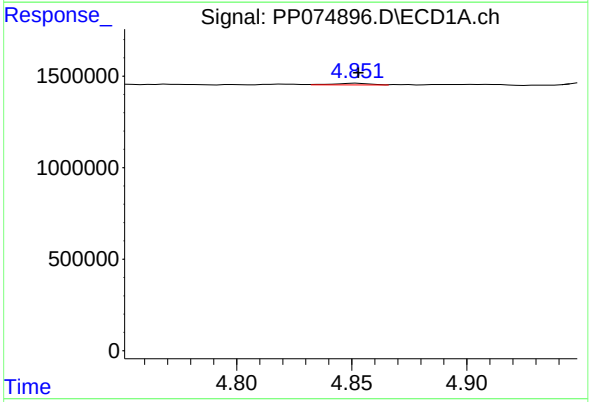
R.T.: 0.000 min
Exp R.T. : 6.276 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TT-079-IDWGW-20250903



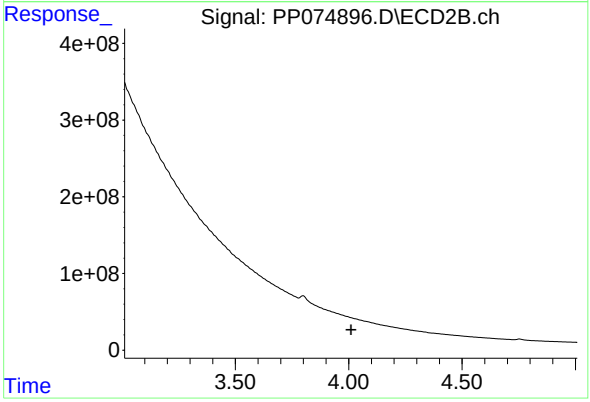
#7 AR-1016-5

R.T.: 5.337 min
Delta R.T.: 0.007 min
Response: 5290101
Conc: 31.85 ng/ml



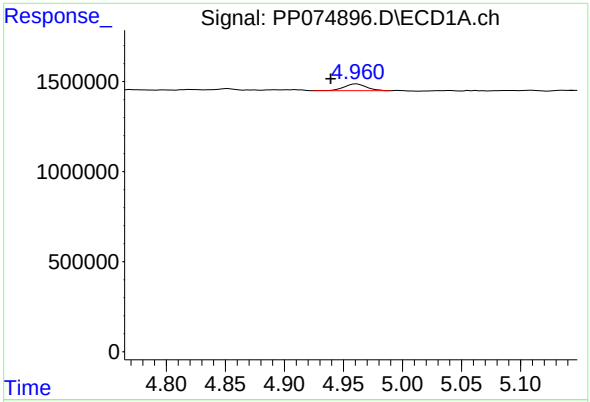
#8 AR-1221-1

R.T.: 4.852 min
Delta R.T.: 0.000 min
Response: 104185
Conc: 5.92 ng/ml



#8 AR-1221-1

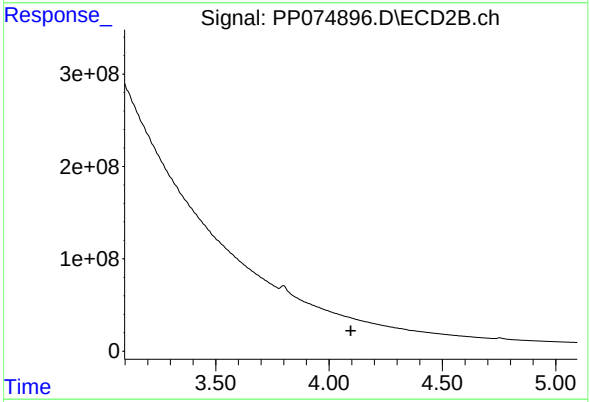
R.T.: 0.000 min
Exp R.T. : 4.011 min
Response: 0
Conc: N.D.



#9 AR-1221-2

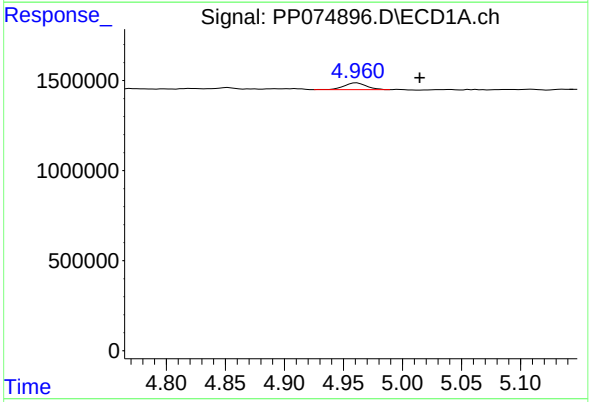
R.T.: 4.961 min
Delta R.T.: 0.022 min
Response: 501286
Conc: 37.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-079-IDWGW-20250903



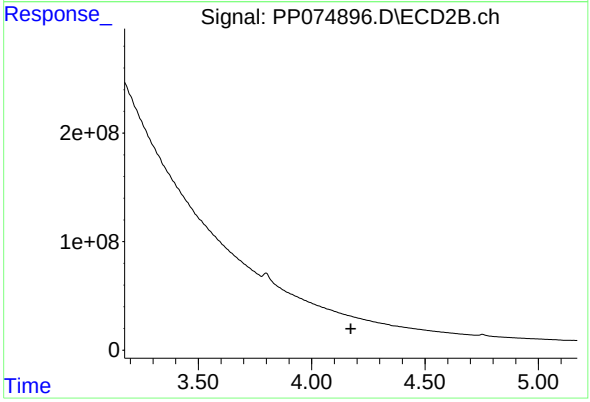
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.097 min
Response: 0
Conc: N.D.



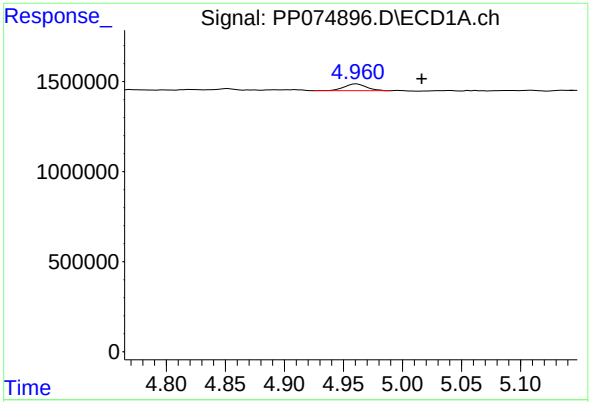
#10 AR-1221-3

R.T.: 4.961 min
Delta R.T.: -0.053 min
Response: 501286
Conc: 13.22 ng/ml



#10 AR-1221-3

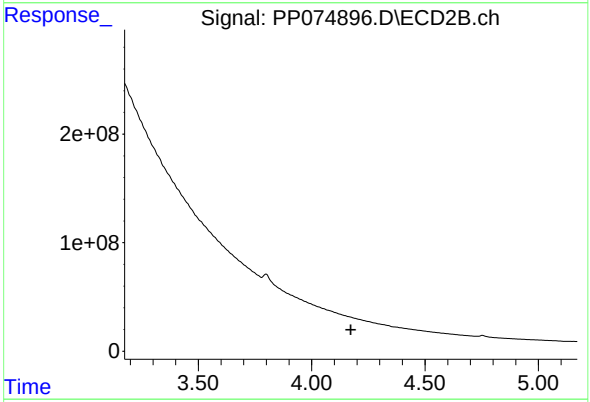
R.T.: 0.000 min
Exp R.T. : 4.173 min
Response: 0
Conc: N.D.



#11 AR-1232-1

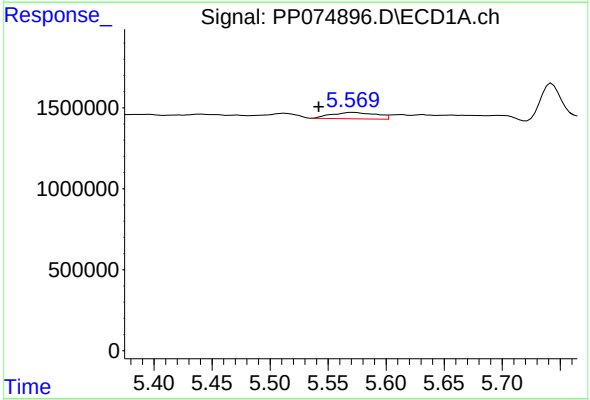
R.T.: 4.961 min
Delta R.T.: -0.055 min
Response: 501286
Conc: 16.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-079-IDWGW-20250903



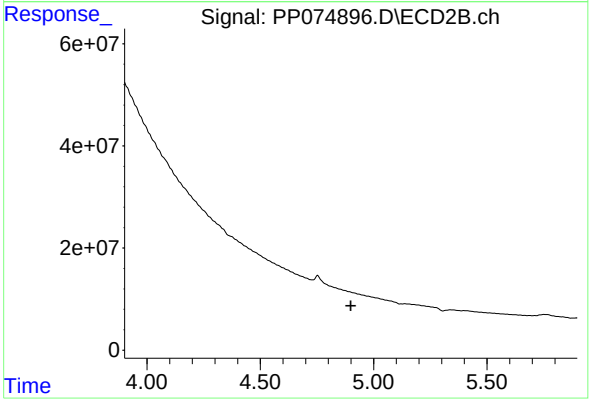
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.172 min
Response: 0
Conc: N.D.



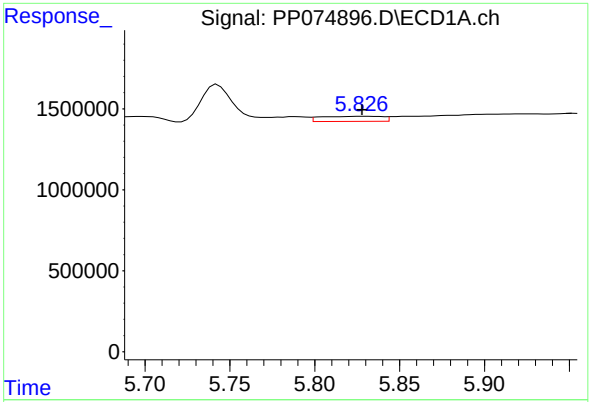
#12 AR-1232-2

R.T.: 5.571 min
Delta R.T.: 0.029 min
Response: 1053053
Conc: 66.83 ng/ml



#12 AR-1232-2

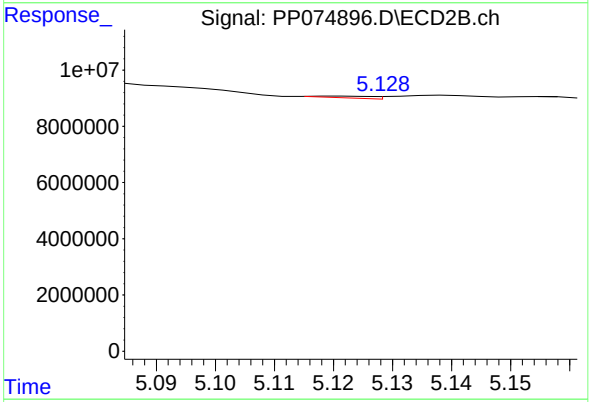
R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#13 AR-1232-3

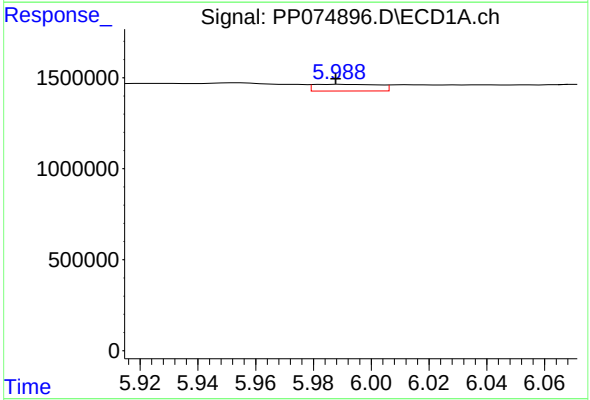
R.T.: 5.828 min
Delta R.T.: 0.000 min
Response: 800253
Conc: 26.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-079-IDWGW-20250903



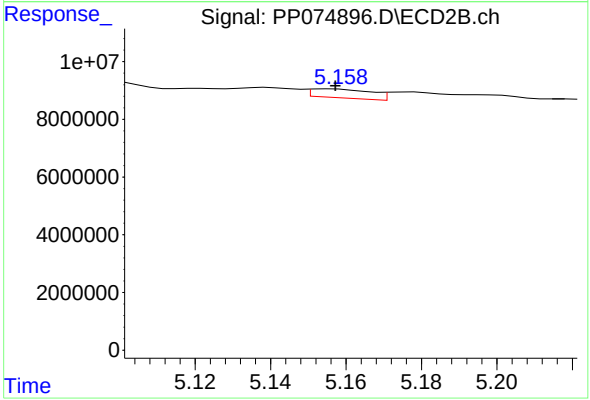
#13 AR-1232-3

R.T.: 5.121 min
Delta R.T.: 0.045 min
Response: 446341
Conc: 7.43 ng/ml



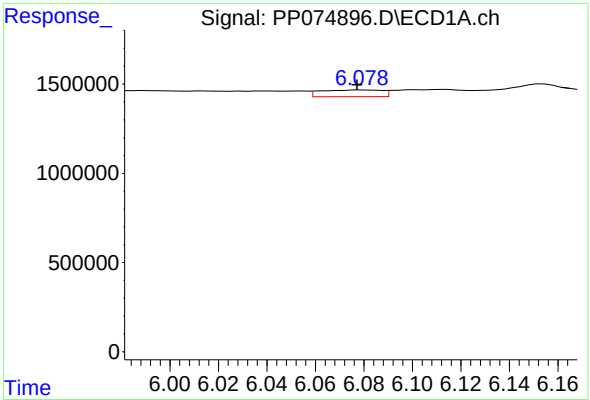
#14 AR-1232-4

R.T.: 5.990 min
Delta R.T.: 0.002 min
Response: 570504
Conc: 33.04 ng/ml



#14 AR-1232-4

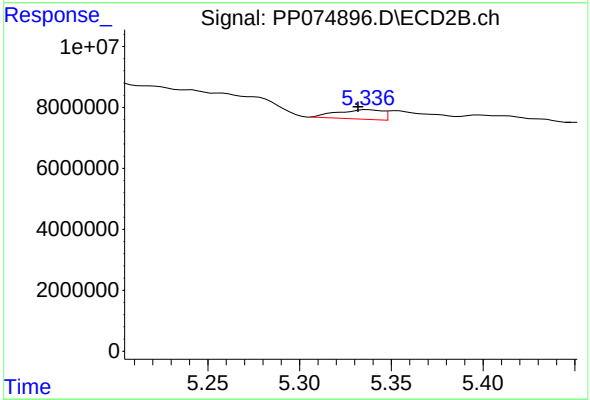
R.T.: 5.156 min
Delta R.T.: -0.001 min
Response: 3439736
Conc: 46.67 ng/ml



#15 AR-1232-5

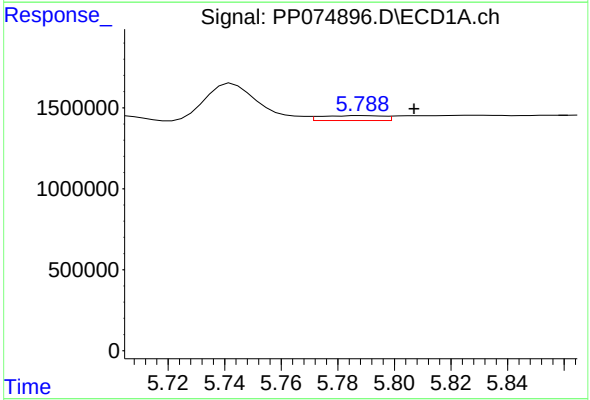
R.T.: 6.080 min
Delta R.T.: 0.003 min
Response: 655557
Conc: 50.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-079-IDWGW-20250903



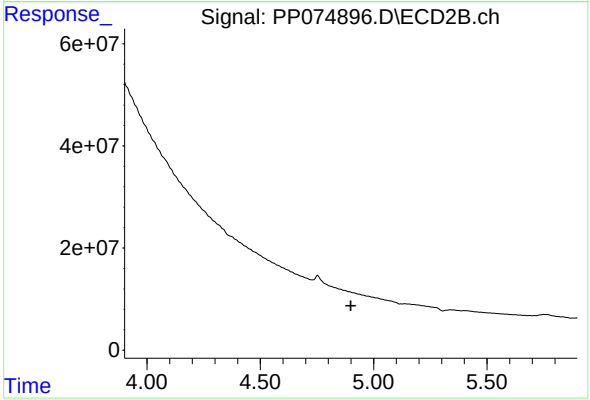
#15 AR-1232-5

R.T.: 5.337 min
Delta R.T.: 0.006 min
Response: 5290101
Conc: 85.21 ng/ml



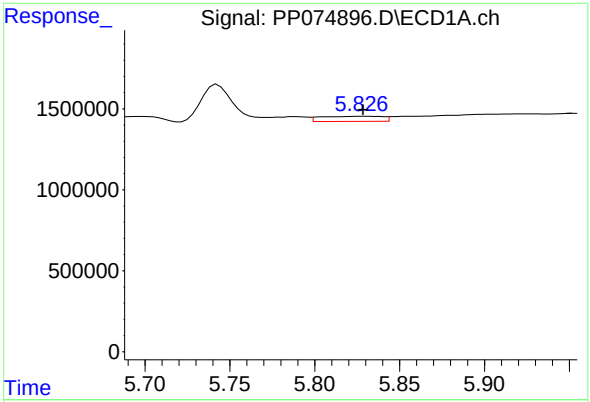
#16 AR-1242-1

R.T.: 5.789 min
Delta R.T.: -0.018 min
Response: 465111
Conc: 12.15 ng/ml



#16 AR-1242-1

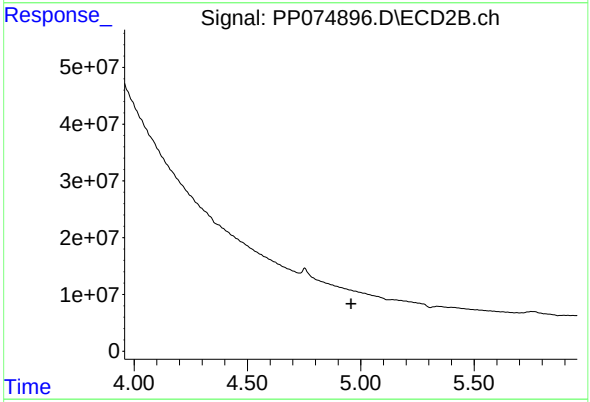
R.T.: 0.000 min
Exp R.T. : 4.900 min
Response: 0
Conc: N.D.



#17 AR-1242-2

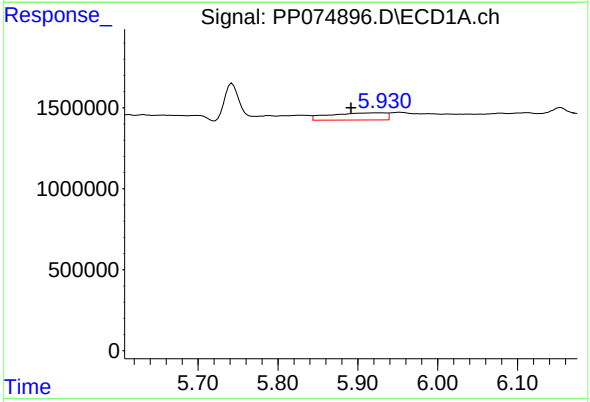
R.T.: 5.828 min
Delta R.T.: 0.000 min
Response: 800253
Conc: 14.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-079-IDWGW-20250903



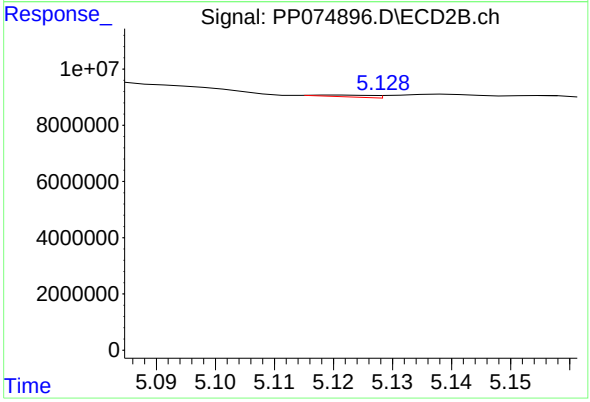
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.957 min
Response: 0
Conc: N.D.



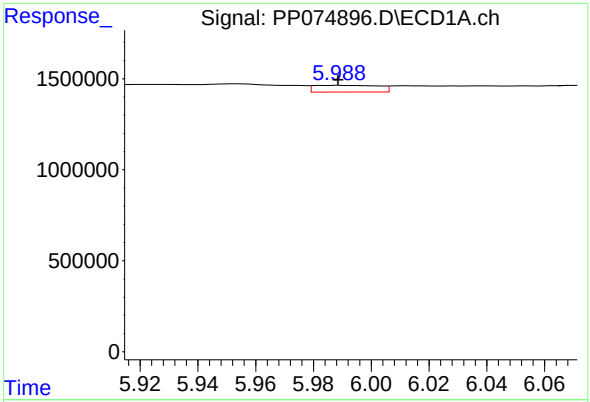
#18 AR-1242-3

R.T.: 5.931 min
Delta R.T.: 0.039 min
Response: 2150166
Conc: 52.96 ng/ml



#18 AR-1242-3

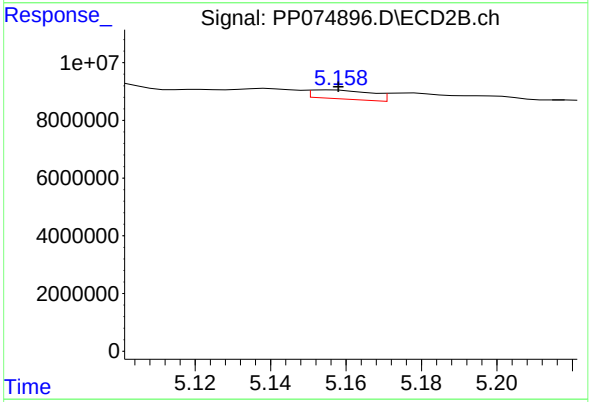
R.T.: 5.121 min
Delta R.T.: 0.045 min
Response: 446341
Conc: 3.77 ng/ml



#19 AR-1242-4

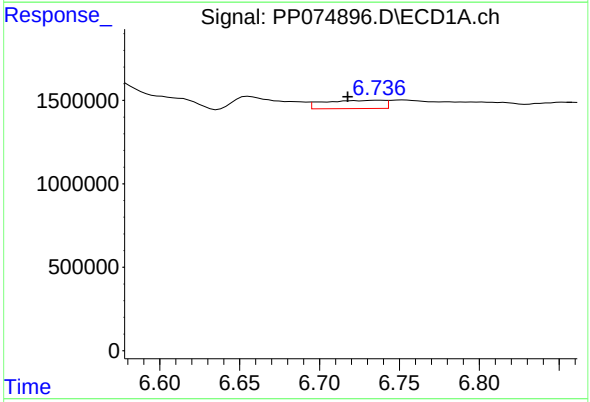
R.T.: 5.990 min
Delta R.T.: 0.001 min
Response: 570504
Conc: 17.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-079-IDWGW-20250903



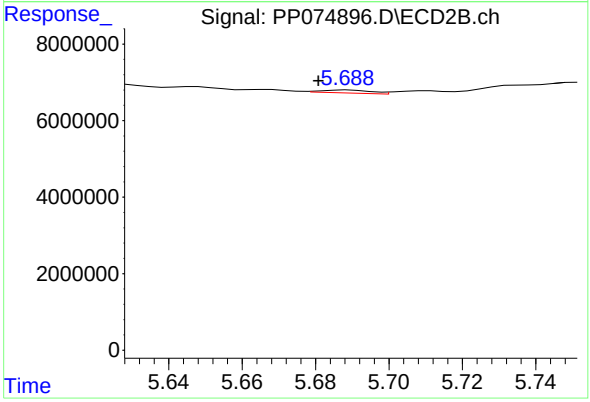
#19 AR-1242-4

R.T.: 5.156 min
Delta R.T.: -0.002 min
Response: 3439736
Conc: 20.10 ng/ml



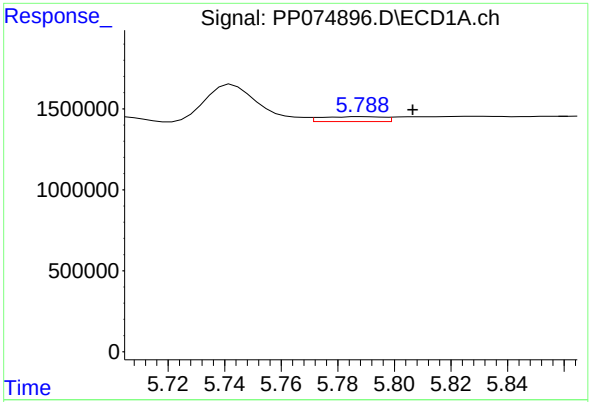
#20 AR-1242-5

R.T.: 6.737 min
Delta R.T.: 0.019 min
Response: 1304462
Conc: 36.16 ng/ml



#20 AR-1242-5

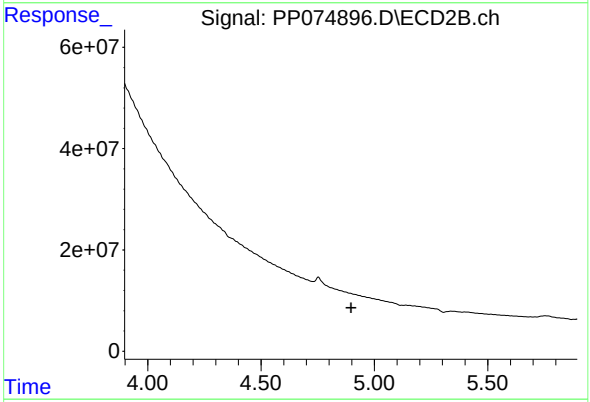
R.T.: 5.689 min
Delta R.T.: 0.008 min
Response: 735895
Conc: 3.97 ng/ml



#21 AR-1248-1

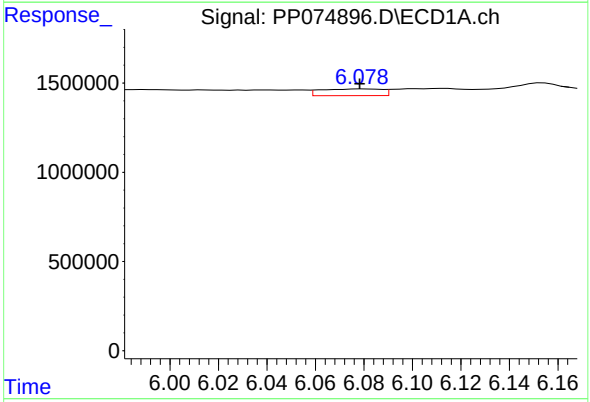
R.T.: 5.789 min
Delta R.T.: -0.017 min
Response: 465111
Conc: 15.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-079-IDWGW-20250903



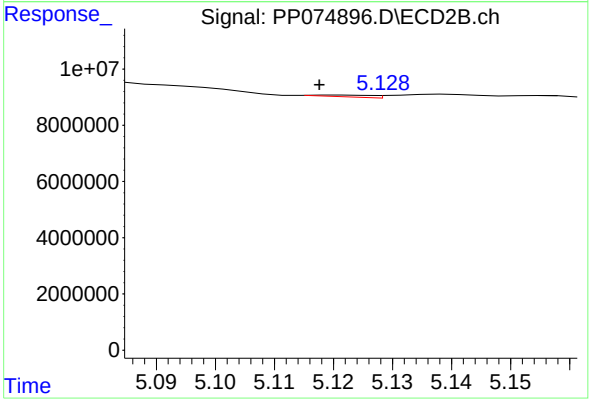
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.



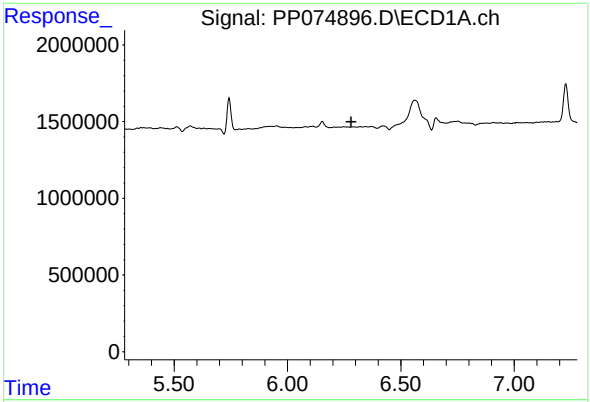
#22 AR-1248-2

R.T.: 6.080 min
Delta R.T.: 0.002 min
Response: 655557
Conc: 15.21 ng/ml



#22 AR-1248-2

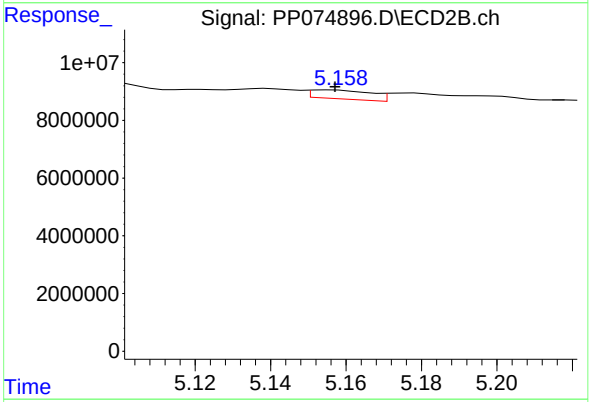
R.T.: 5.121 min
Delta R.T.: 0.004 min
Response: 446341
Conc: 2.53 ng/ml



#23 AR-1248-3

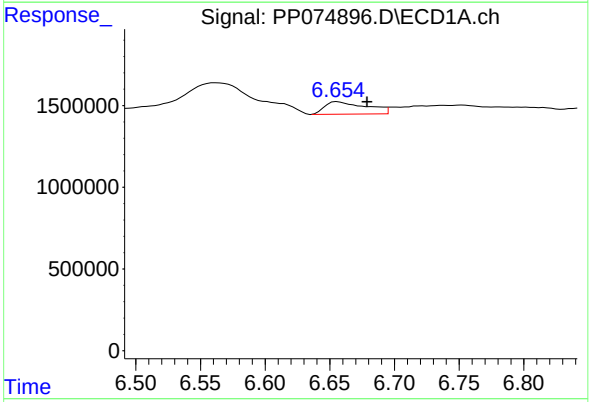
R.T.: 0.000 min
Exp R.T. : 6.281 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TT-079-IDWGW-20250903



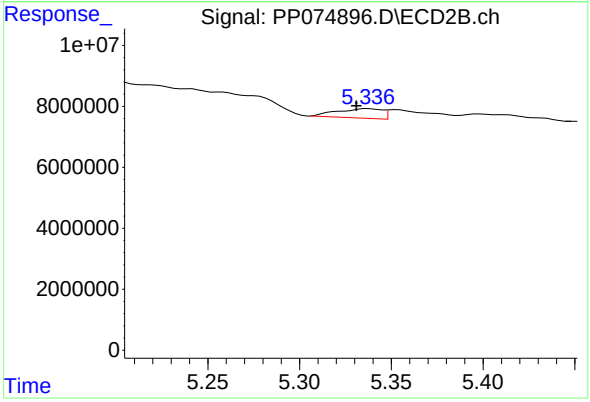
#23 AR-1248-3

R.T.: 5.156 min
Delta R.T.: -0.001 min
Response: 3439736
Conc: 15.14 ng/ml



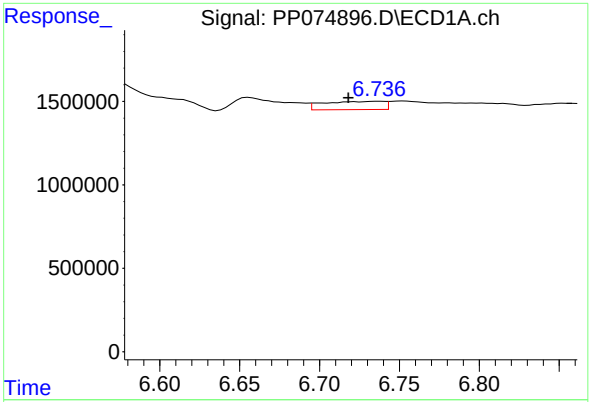
#24 AR-1248-4

R.T.: 6.656 min
Delta R.T.: -0.023 min
Response: 1719217
Conc: 31.26 ng/ml



#24 AR-1248-4

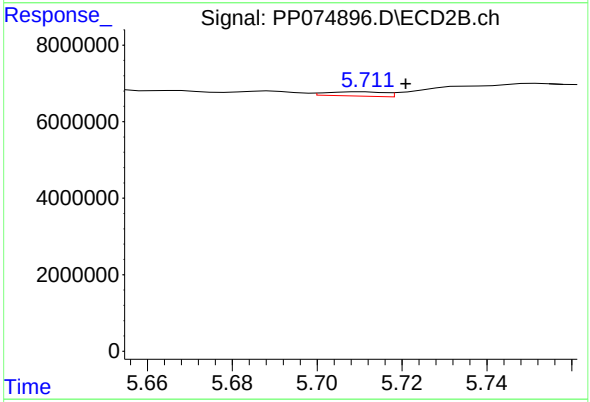
R.T.: 5.337 min
Delta R.T.: 0.007 min
Response: 5290101
Conc: 24.26 ng/ml



#25 AR-1248-5

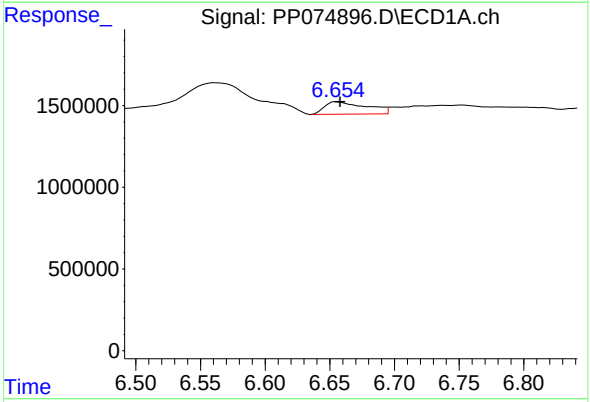
R.T.: 6.737 min
Delta R.T.: 0.019 min
Response: 1304462
Conc: 23.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-079-IDWGW-20250903



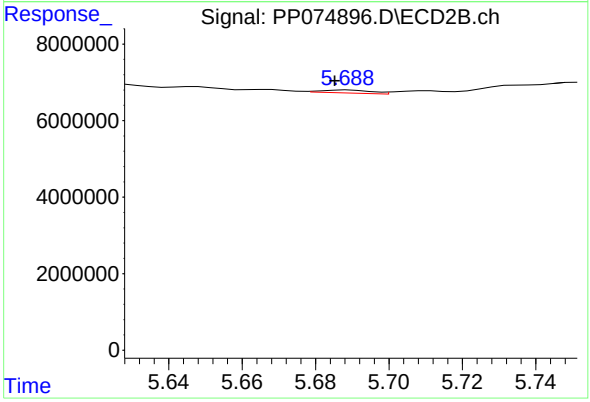
#25 AR-1248-5

R.T.: 5.711 min
Delta R.T.: -0.010 min
Response: 1047596
Conc: 2.85 ng/ml



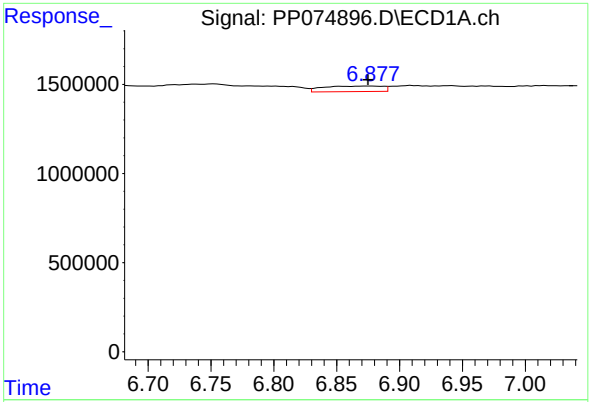
#26 AR-1254-1

R.T.: 6.656 min
Delta R.T.: -0.002 min
Response: 1719217
Conc: 29.50 ng/ml



#26 AR-1254-1

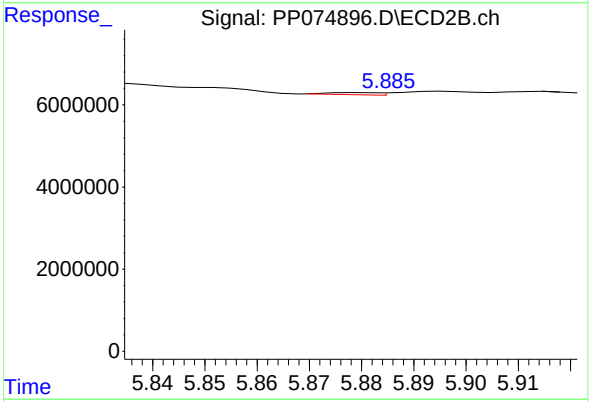
R.T.: 5.689 min
Delta R.T.: 0.004 min
Response: 735895
Conc: 1.54 ng/ml



#27 AR-1254-2

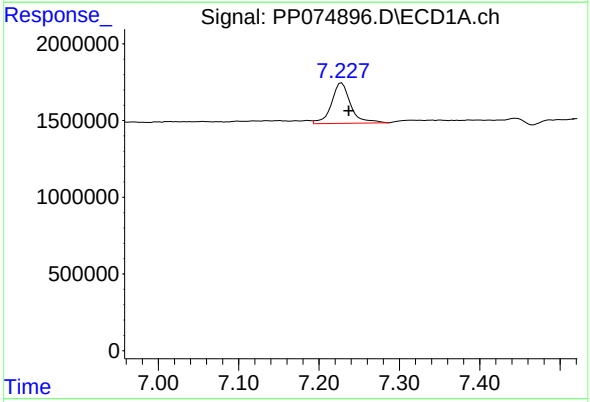
R.T.: 6.877 min
Delta R.T.: 0.002 min
Response: 1011836
Conc: 12.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-079-IDWGW-20250903



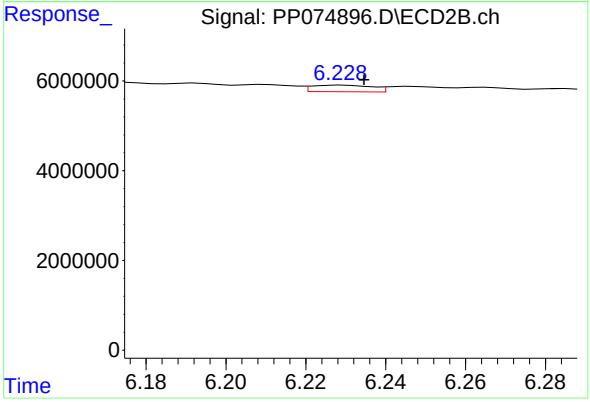
#27 AR-1254-2

R.T.: 5.880 min
Delta R.T.: 0.048 min
Response: 346547
Conc: 0.98 ng/ml



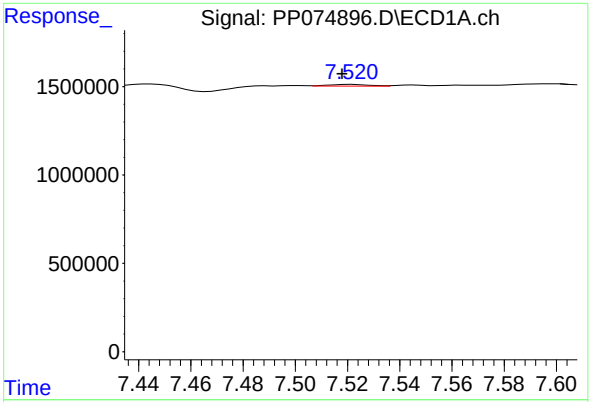
#28 AR-1254-3

R.T.: 7.228 min
Delta R.T.: -0.009 min
Response: 4354878
Conc: 48.82 ng/ml



#28 AR-1254-3

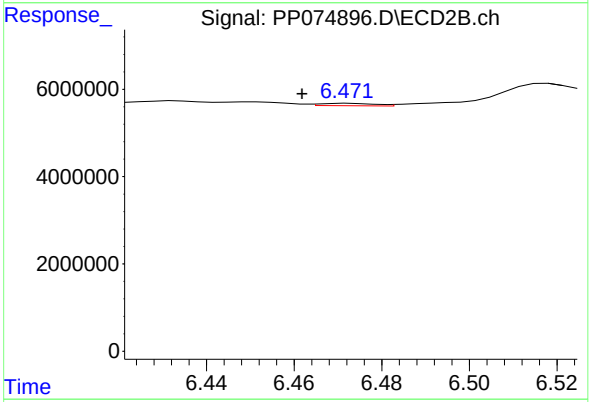
R.T.: 6.229 min
Delta R.T.: -0.005 min
Response: 1530170
Conc: 2.47 ng/ml



#29 AR-1254-4

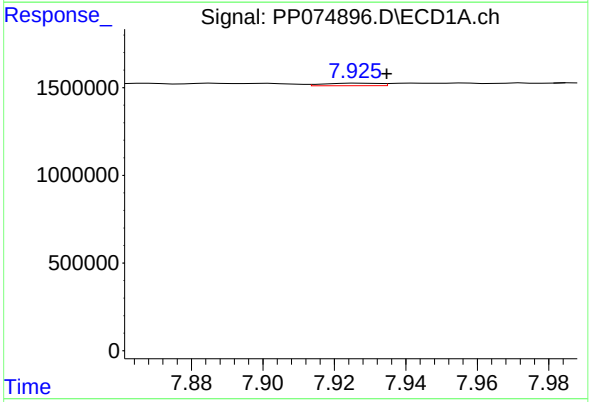
R.T.: 7.522 min
Delta R.T.: 0.004 min
Response: 111454
Conc: 1.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-079-IDWGW-20250903



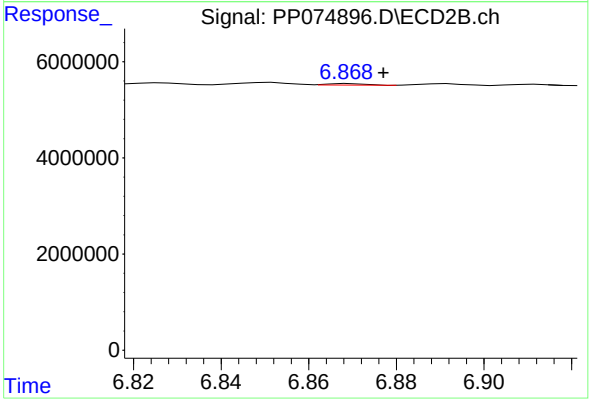
#29 AR-1254-4

R.T.: 6.473 min
Delta R.T.: 0.011 min
Response: 479926
Conc: 1.02 ng/ml



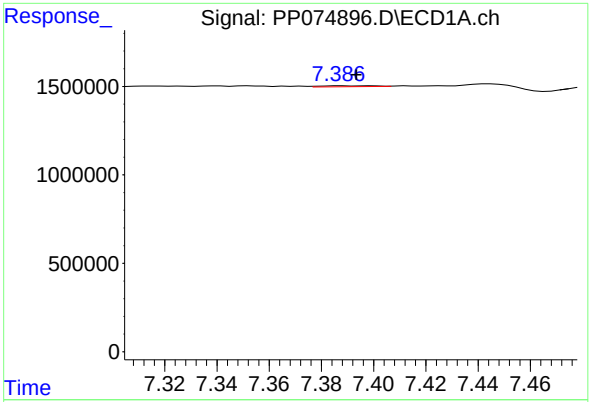
#30 AR-1254-5

R.T.: 7.927 min
Delta R.T.: -0.008 min
Response: 159444
Conc: 1.92 ng/ml



#30 AR-1254-5

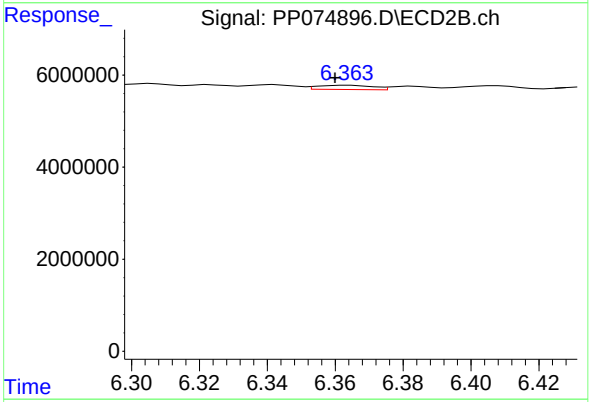
R.T.: 6.869 min
Delta R.T.: -0.008 min
Response: 197112
Conc: 0.40 ng/ml



#31 AR-1260-1

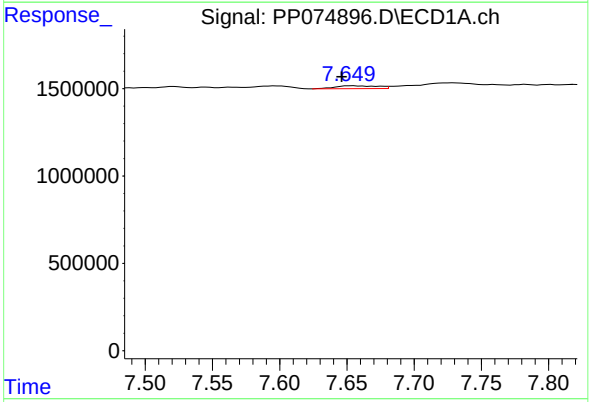
R.T.: 7.387 min
Delta R.T.: -0.006 min
Response: 70063
Conc: 1.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-079-IDWGW-20250903



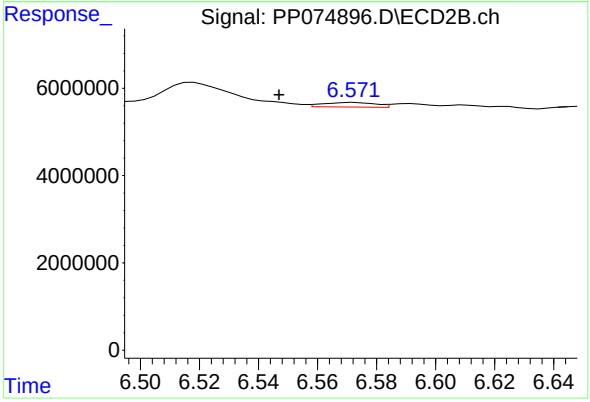
#31 AR-1260-1

R.T.: 6.364 min
Delta R.T.: 0.004 min
Response: 1035926
Conc: 2.76 ng/ml



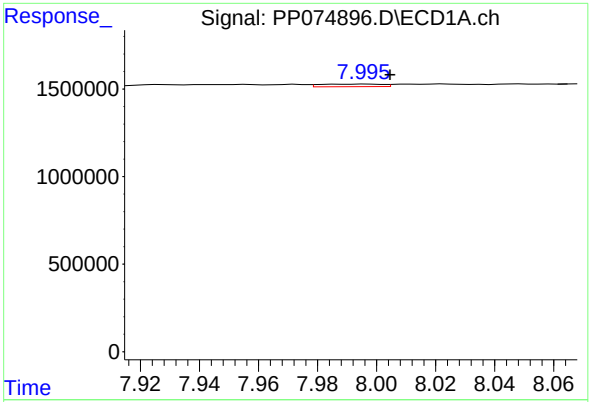
#32 AR-1260-2

R.T.: 7.654 min
Delta R.T.: 0.008 min
Response: 361342
Conc: 5.24 ng/ml



#32 AR-1260-2

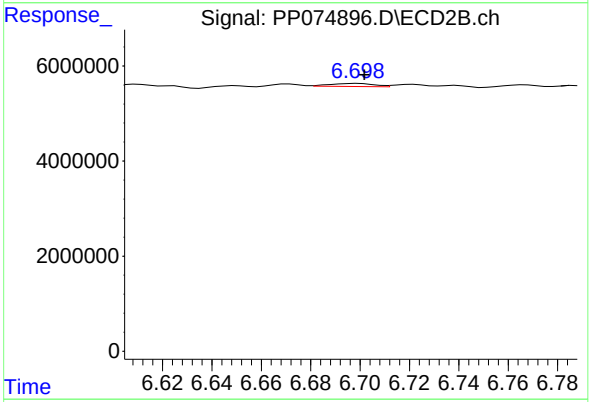
R.T.: 6.573 min
Delta R.T.: 0.026 min
Response: 1316546
Conc: 2.49 ng/ml



#33 AR-1260-3

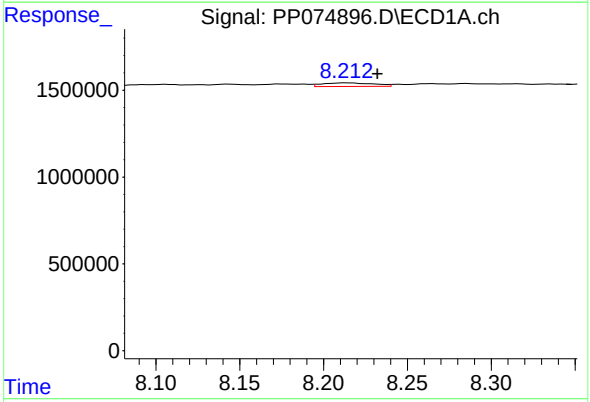
R.T.: 7.997 min
Delta R.T.: -0.008 min
Response: 216509
Conc: 4.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-079-IDWGW-20250903



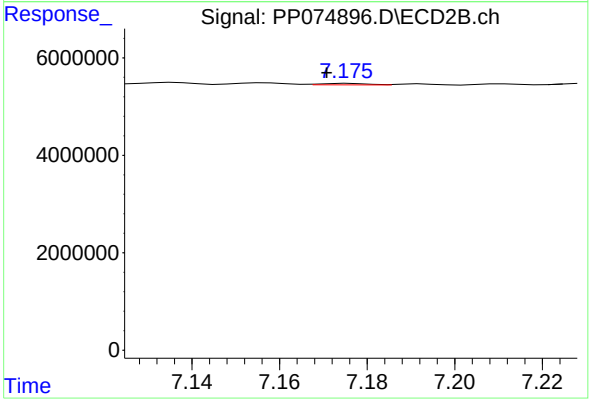
#33 AR-1260-3

R.T.: 6.699 min
Delta R.T.: -0.003 min
Response: 800379
Conc: 1.85 ng/ml



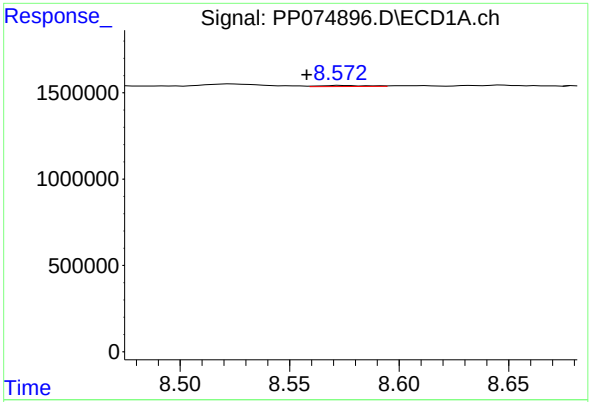
#34 AR-1260-4

R.T.: 8.214 min
Delta R.T.: -0.018 min
Response: 434830
Conc: 6.82 ng/ml



#34 AR-1260-4

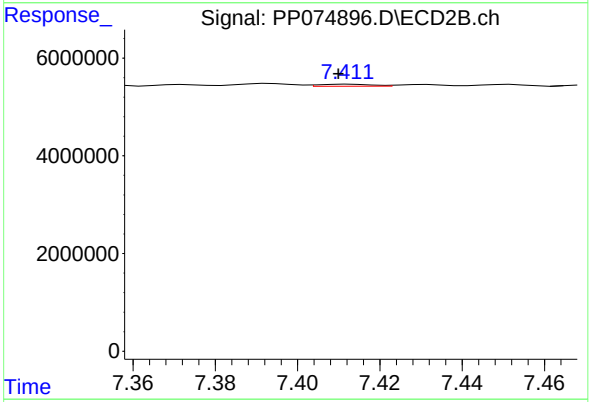
R.T.: 7.176 min
Delta R.T.: 0.005 min
Response: 225821
Conc: 0.59 ng/ml



#35 AR-1260-5

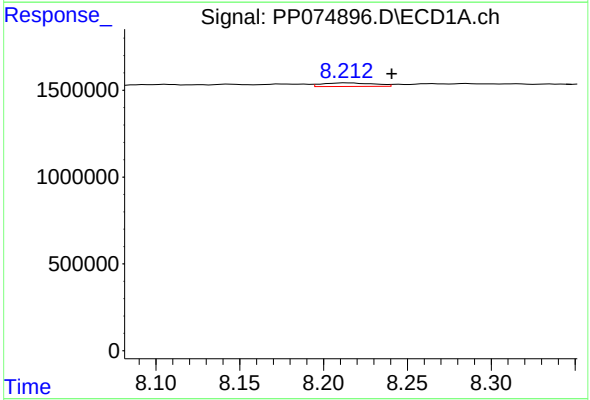
R.T.: 8.574 min
Delta R.T.: 0.016 min
Response: 93290
Conc: 0.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-079-IDWGW-20250903



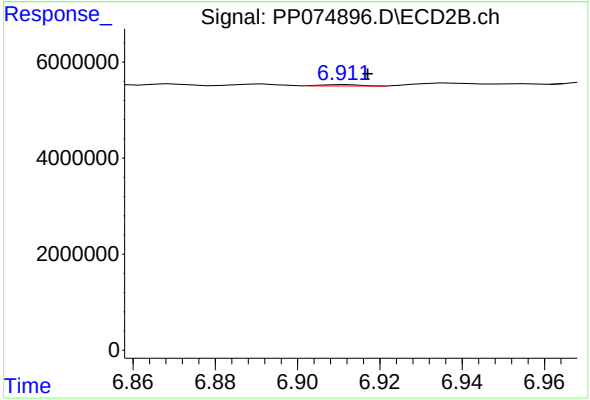
#35 AR-1260-5

R.T.: 7.413 min
Delta R.T.: 0.003 min
Response: 379334
Conc: 0.38 ng/ml



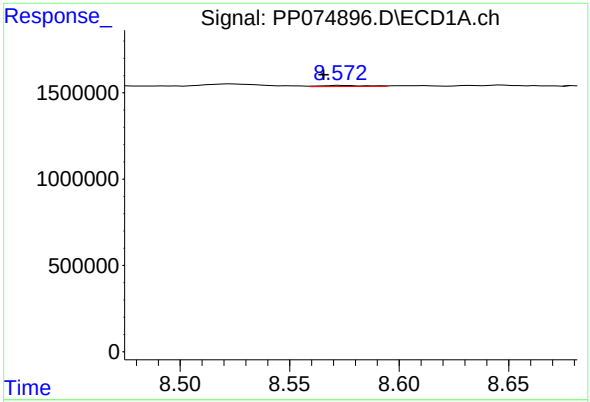
#36 AR-1262-1

R.T.: 8.214 min
Delta R.T.: -0.027 min
Response: 434830
Conc: 5.65 ng/ml



#36 AR-1262-1

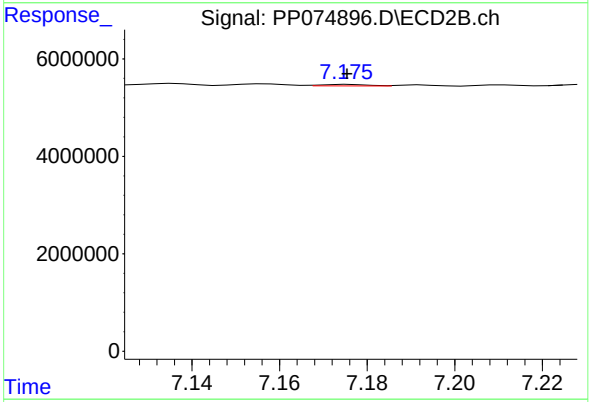
R.T.: 6.912 min
Delta R.T.: -0.005 min
Response: 179924
Conc: 0.25 ng/ml



#37 AR-1262-2

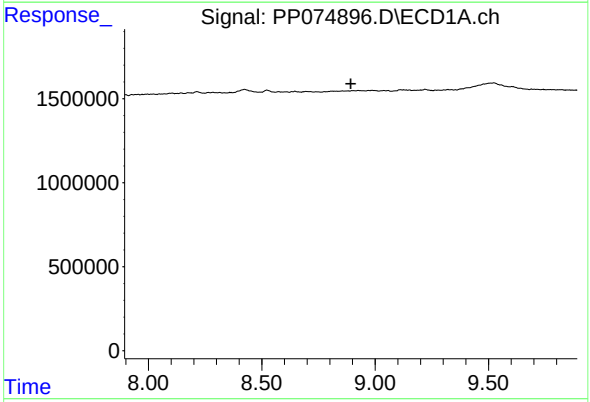
R.T.: 8.574 min
Delta R.T.: 0.008 min
Response: 93290
Conc: 0.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-079-IDWGW-20250903



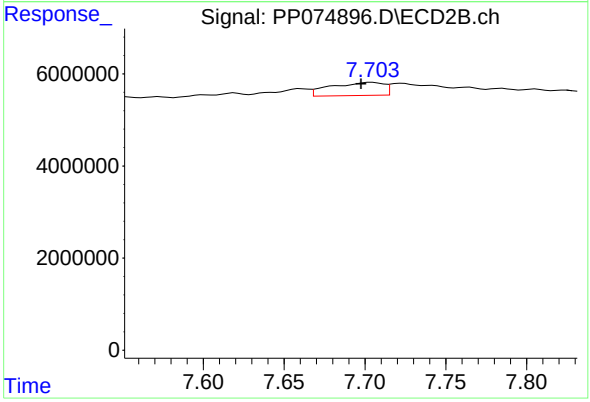
#37 AR-1262-2

R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 225821
Conc: 0.43 ng/ml



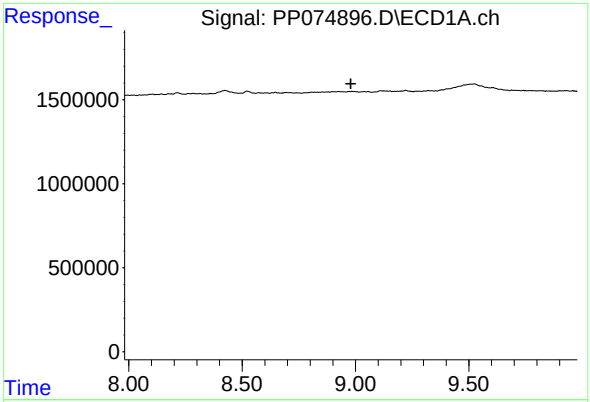
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.892 min
Response: 0
Conc: N.D.



#38 AR-1262-3

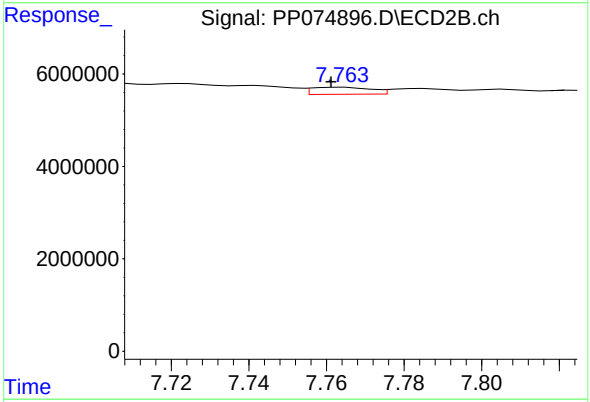
R.T.: 7.704 min
Delta R.T.: 0.007 min
Response: 6496161
Conc: 13.93 ng/ml



#39 AR-1262-4

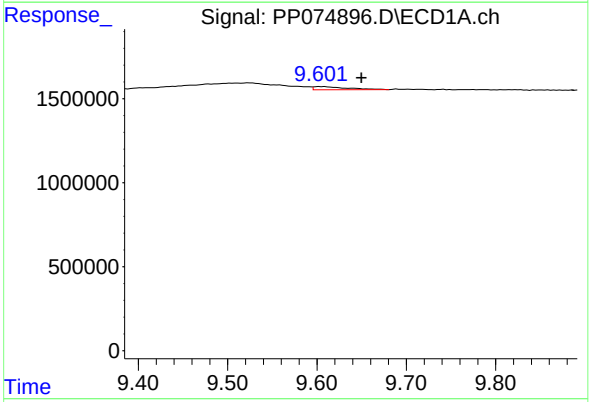
R.T.: 0.000 min
Exp R.T. : 8.979 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TT-079-IDWGW-20250903



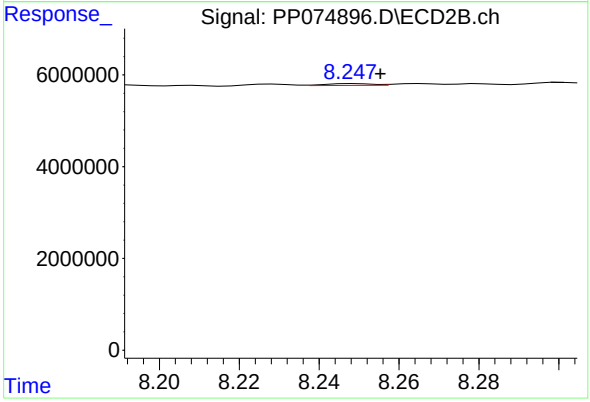
#39 AR-1262-4

R.T.: 7.764 min
Delta R.T.: 0.003 min
Response: 1627429
Conc: 1.98 ng/ml



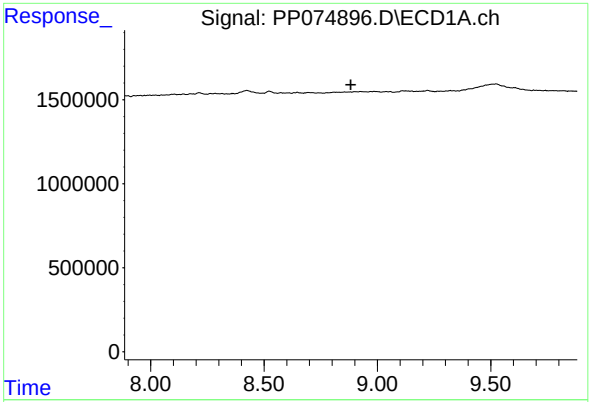
#40 AR-1262-5

R.T.: 9.603 min
Delta R.T.: -0.047 min
Response: 492766
Conc: 8.08 ng/ml



#40 AR-1262-5

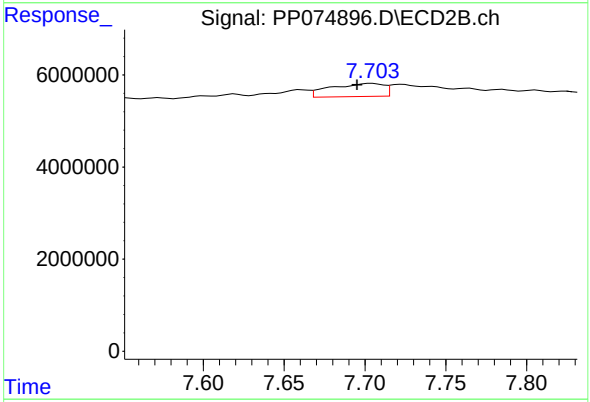
R.T.: 8.249 min
Delta R.T.: -0.007 min
Response: 331867
Conc: 0.93 ng/ml



#41 AR-1268-1

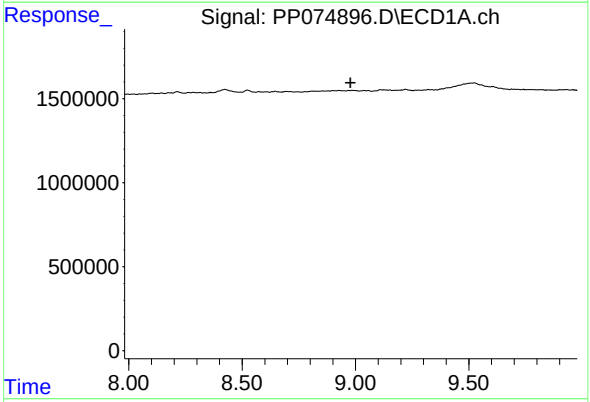
R.T.: 0.000 min
Exp R.T. : 8.883 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TT-079-IDWGW-20250903



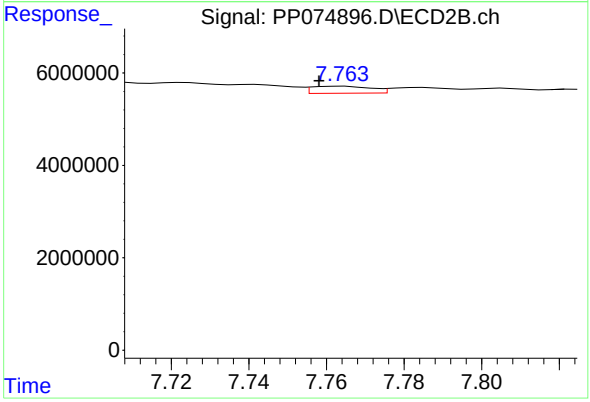
#41 AR-1268-1

R.T.: 7.704 min
Delta R.T.: 0.009 min
Response: 6496161
Conc: 4.61 ng/ml



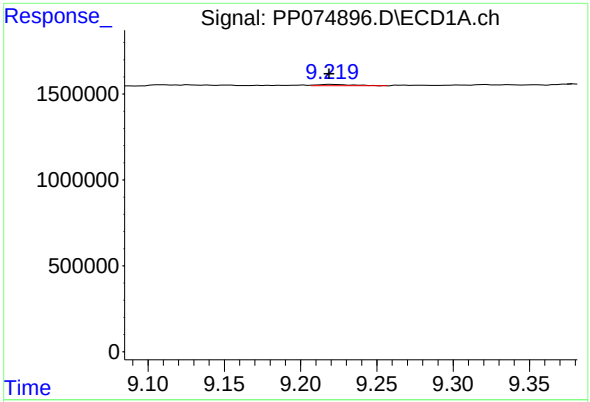
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.978 min
Response: 0
Conc: N.D.



#42 AR-1268-2

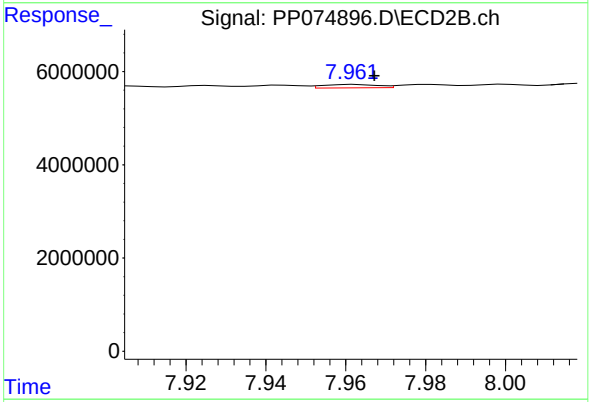
R.T.: 7.764 min
Delta R.T.: 0.006 min
Response: 1627429
Conc: 1.19 ng/ml



#43 AR-1268-3

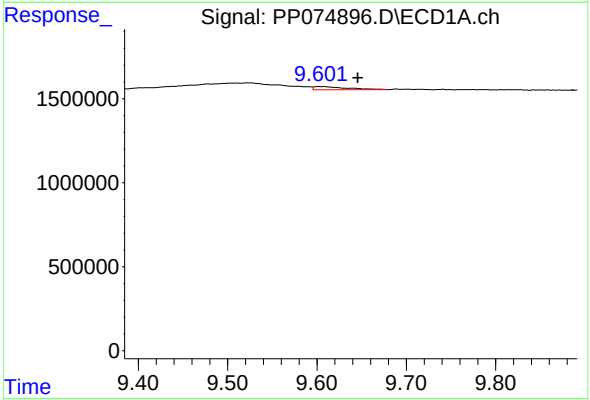
R.T.: 9.220 min
Delta R.T.: 0.002 min
Response: 107791
Conc: 0.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-079-IDWGW-20250903



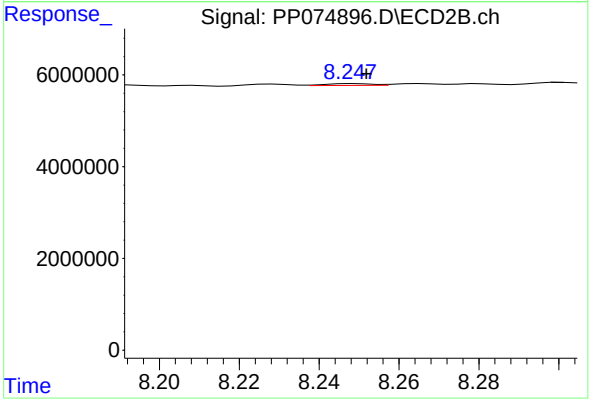
#43 AR-1268-3

R.T.: 7.962 min
Delta R.T.: -0.005 min
Response: 688449
Conc: 0.66 ng/ml



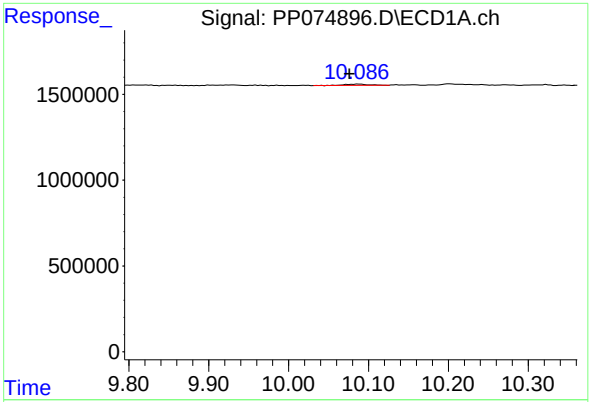
#44 AR-1268-4

R.T.: 9.603 min
Delta R.T.: -0.043 min
Response: 492766
Conc: 7.33 ng/ml



#44 AR-1268-4

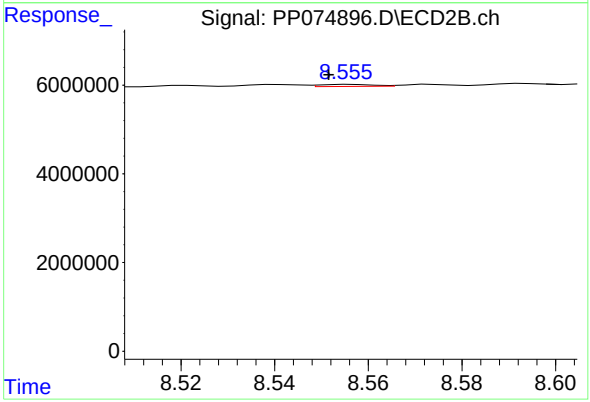
R.T.: 8.249 min
Delta R.T.: -0.003 min
Response: 331867
Conc: 0.87 ng/ml



#45 AR-1268-5

R.T.: 10.088 min
Delta R.T.: 0.012 min
Response: 156724
Conc: 0.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
TT-079-IDWGW-20250903



#45 AR-1268-5

R.T.: 8.557 min
Delta R.T.: 0.005 min
Response: 371341
Conc: 0.12 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074897.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 12:51
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: Sep 05 23:36:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.660	3.802	65333056	295.6E6	53.390	61.126	
2)	SA Decachlor...	10.442	8.813	55933551	417.1E6	56.641	55.613	
	Target Compounds							
3)	L1 AR-1016-1	5.812	4.899	22879829	276.4E6	518.948	542.696	
4)	L1 AR-1016-2	5.833	4.957	33501123	131.2E6	533.104	551.017	
5)	L1 AR-1016-3	5.896	5.077	21895708	75776806	487.504	549.491	
6)	L1 AR-1016-4	5.993	5.118	18028378	73082369	512.435	522.752	
7)	L1 AR-1016-5	6.286	5.333	17693996	80605493	533.175	485.332	
8)	L2 AR-1221-1	4.856	4.010	2776149	9319533	157.800	150.637	
9)	L2 AR-1221-2	4.946	4.098	4200523	12320808	314.477	272.511	
10)	L2 AR-1221-3	5.021	4.173	13570407	56417180	357.938	343.392	
11)	L3 AR-1232-1	5.021	4.173	13570407	56417180	446.778	440.431	
12)	L3 AR-1232-2	5.547	4.899	17561798	276.4E6	1114.453	1192.546	
13)	L3 AR-1232-3	5.833	5.077	33501123	75776806	1096.826	1261.690	
14)	L3 AR-1232-4	5.993	5.160	18028378	135.1E6	1043.957	1833.013	#
15)	L3 AR-1232-5	6.083	5.333	15906744	80605493	1225.391	1298.334	
16)	L4 AR-1242-1	5.812	4.899	22879829	276.4E6	597.772	655.418	
17)	L4 AR-1242-2	5.833	4.957	33501123	131.2E6	593.129	654.827	
18)	L4 AR-1242-3	5.896	5.077	21895708	75776806	539.265	640.557	
19)	L4 AR-1242-4	5.993	5.160	18028378	135.1E6	567.969	789.361	#
20)	L4 AR-1242-5	6.723	5.682	6356784	133.4E6	176.232	720.220	#
21)	L5 AR-1248-1	5.812	4.899	22879829	276.4E6	757.008	1001.019	#
22)	L5 AR-1248-2	6.083	5.118	15906744	73082369	369.100	413.466	
23)	L5 AR-1248-3	6.286	5.160	17693996	135.1E6	378.857	594.650	#
24)	L5 AR-1248-4	6.660	5.333	22692260	80605493	412.581	369.714	
25)	L5 AR-1248-5	6.723	5.682f	6356784	133.4E6	114.598	363.057	#
26)	L6 AR-1254-1	6.660	5.682	22692260	133.4E6	389.437	279.748	#
27)	L6 AR-1254-2	6.876	5.829	14227288	74045435	174.320	210.277	
28)	L6 AR-1254-3	7.237	6.246	10257639	157.7E6	114.988	254.471	#
29)	L6 AR-1254-4	7.521	6.457	5737800	14071457	87.050	30.027	#
30)	L6 AR-1254-5	7.935	6.874	45380978	200.3E6	546.199	408.432	#
31)	L7 AR-1260-1	7.404	6.362	28517929	193.1E6	493.309	514.655	
32)	L7 AR-1260-2	7.656	6.548	33744063	261.4E6	489.630	494.340	
33)	L7 AR-1260-3	8.014	6.702	27076327	197.4E6	521.850	455.982	
34)	L7 AR-1260-4	8.243	7.172	31715809	185.2E6	497.169	485.533	
35)	L7 AR-1260-5	8.569	7.411	54674681	473.8E6	482.088	471.715	
36)	L8 AR-1262-1	8.243	6.912	31715809	254.9E6	411.808	360.366	
37)	L8 AR-1262-2	8.569	7.172	54674681	185.2E6	413.011	355.700	
38)	L8 AR-1262-3	8.900	7.694	37472467	104.4E6	385.470	223.921	#
39)	L8 AR-1262-4	8.979	7.757	25127547	319.1E6	333.565	388.261	
40)	L8 AR-1262-5	9.654	8.252	18217082	110.4E6	298.855	308.161	
41)	L9 AR-1268-1	8.900	7.694	37472467	104.4E6	231.256	74.026	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074897.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 12:51
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: Sep 05 23:36:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
42) L9	AR-1268-2	8.979	7.757	25127547	319.1E6	171.242	234.040	#
43) L9	AR-1268-3	9.226	7.966	898089	5237194	7.267	5.020	#
44) L9	AR-1268-4	9.654	8.252	18217082	110.4E6	270.834	288.222	
45) L9	AR-1268-5	10.086	8.549	5275900	26097928	14.253	8.322	#

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

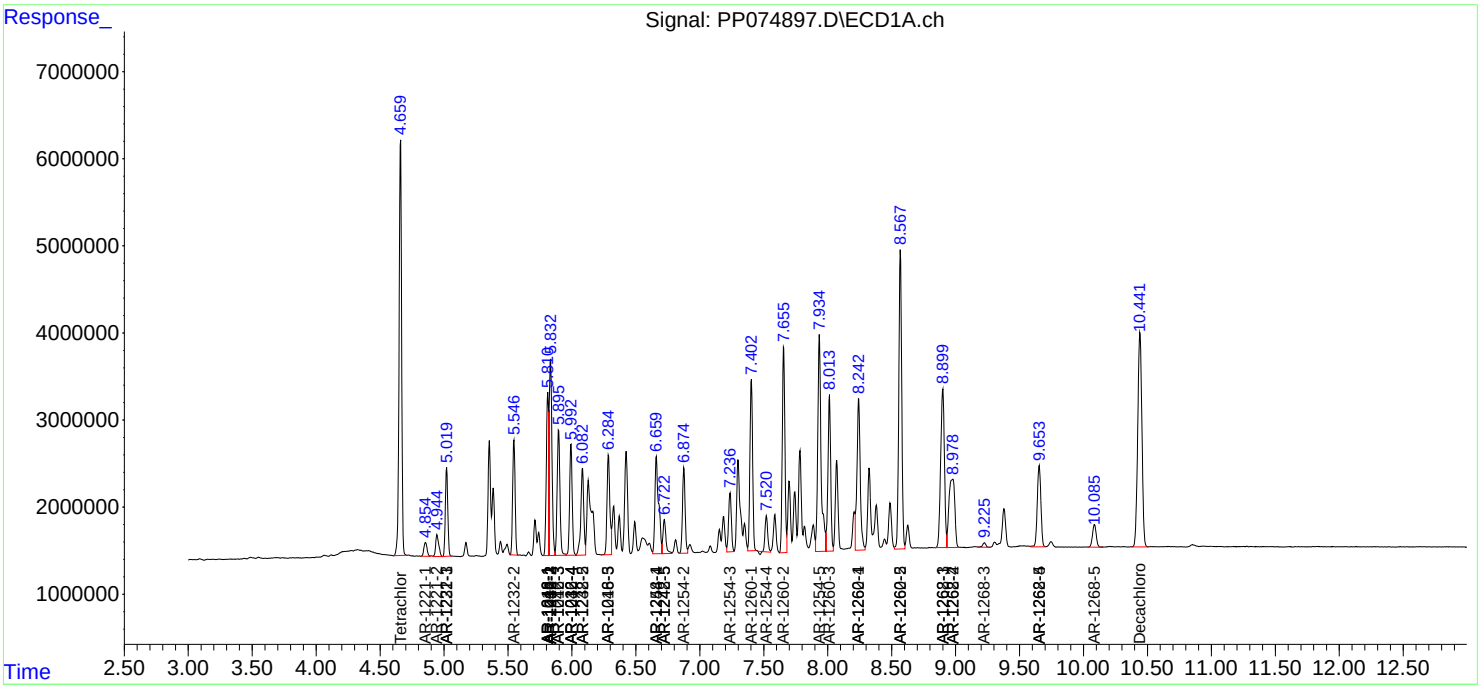
Quantitation Report (Not Reviewed)

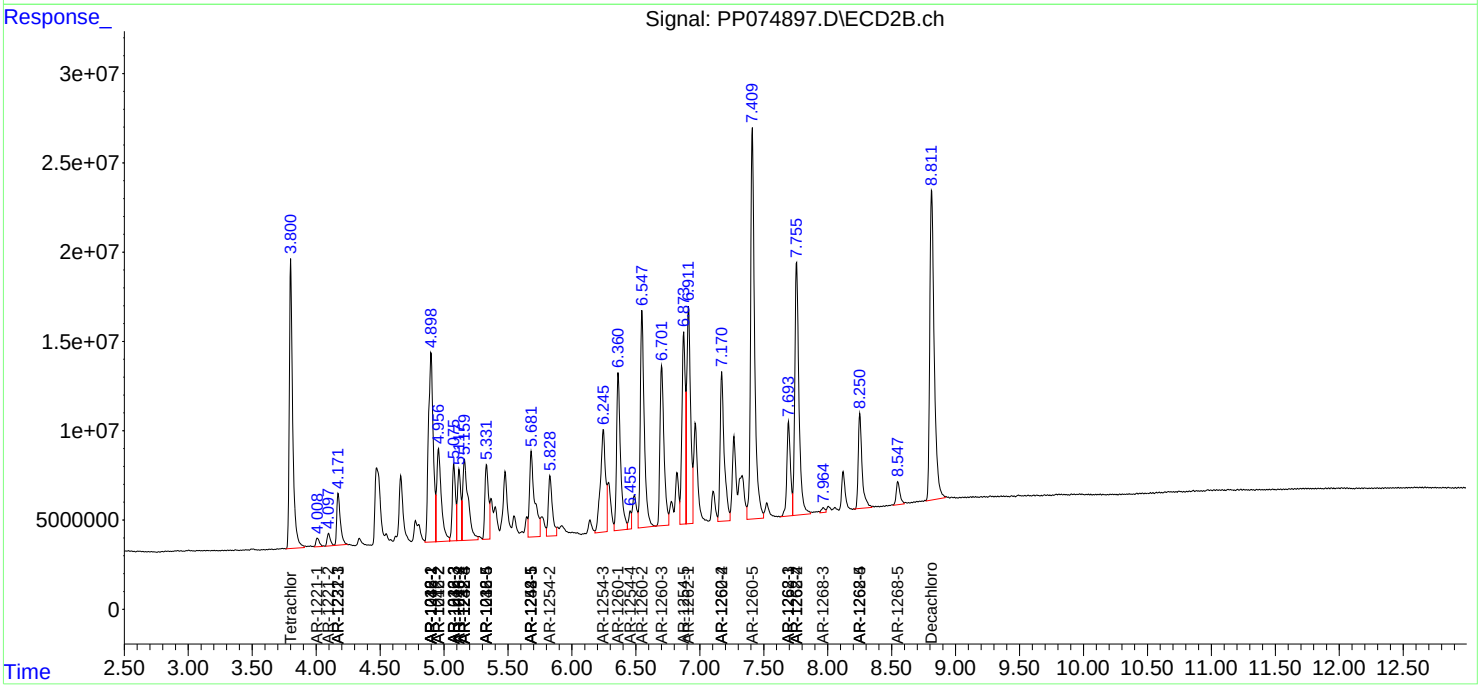
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074897.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 12:51
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

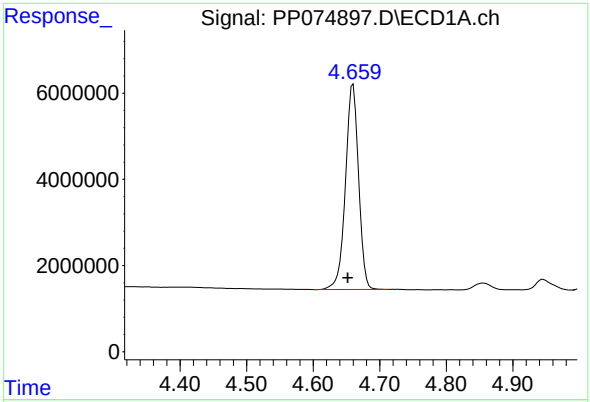
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:36:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



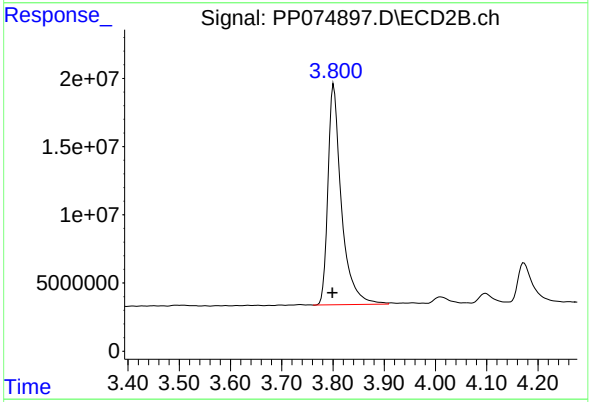




#1 Tetrachloro-m-xylene

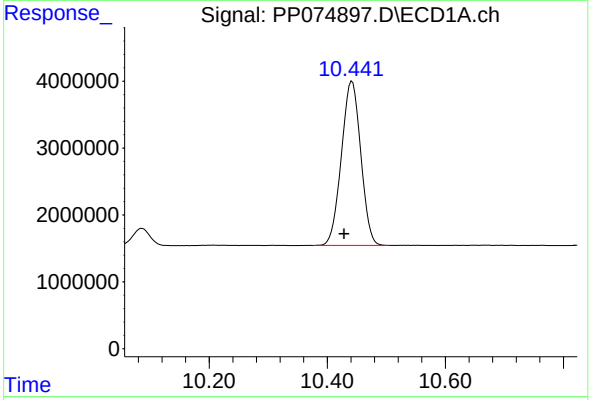
R.T.: 4.660 min
Delta R.T.: 0.008 min
Response: 65333056
Conc: 53.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



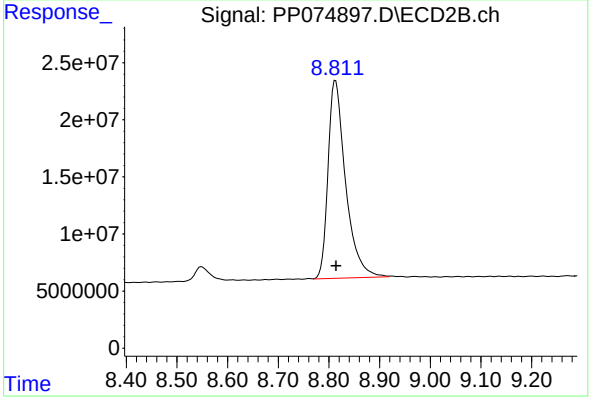
#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: 0.003 min
Response: 295568754
Conc: 61.13 ng/ml



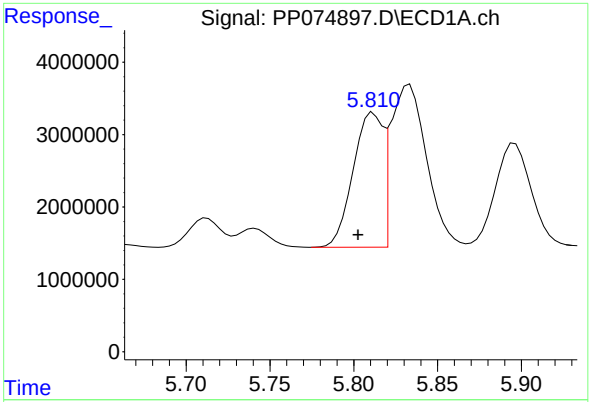
#2 Decachlorobiphenyl

R.T.: 10.442 min
Delta R.T.: 0.014 min
Response: 55933551
Conc: 56.64 ng/ml



#2 Decachlorobiphenyl

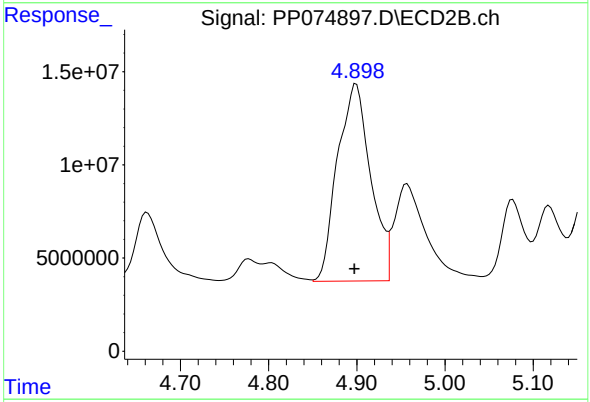
R.T.: 8.813 min
Delta R.T.: 0.000 min
Response: 417053951
Conc: 55.61 ng/ml



#3 AR-1016-1

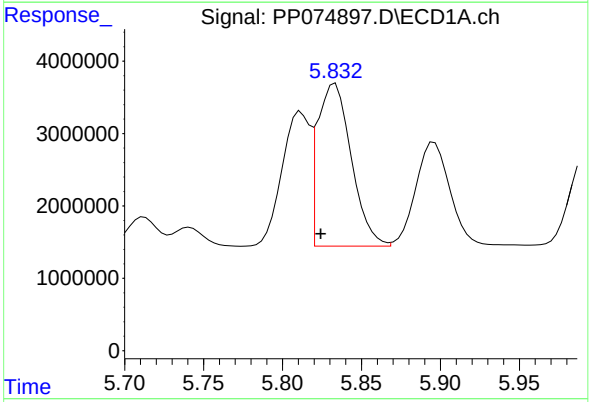
R.T.: 5.812 min
Delta R.T.: 0.009 min
Response: 22879829
Conc: 518.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



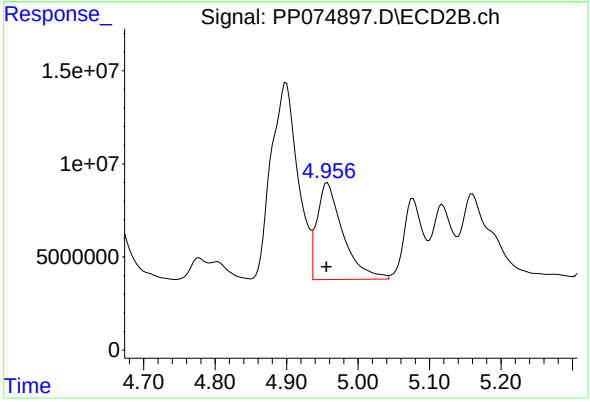
#3 AR-1016-1

R.T.: 4.899 min
Delta R.T.: 0.002 min
Response: 276424229
Conc: 542.70 ng/ml



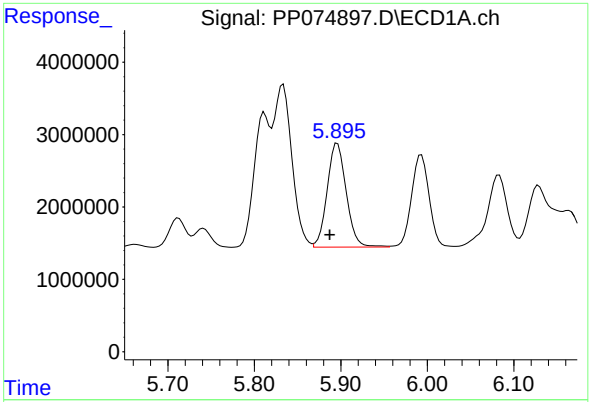
#4 AR-1016-2

R.T.: 5.833 min
Delta R.T.: 0.009 min
Response: 33501123
Conc: 533.10 ng/ml



#4 AR-1016-2

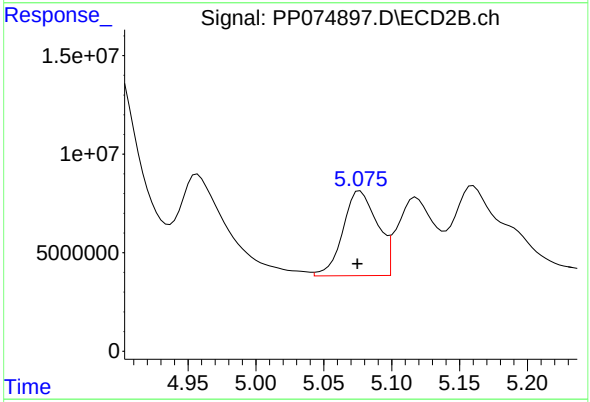
R.T.: 4.957 min
Delta R.T.: 0.001 min
Response: 131150440
Conc: 551.02 ng/ml



#5 AR-1016-3

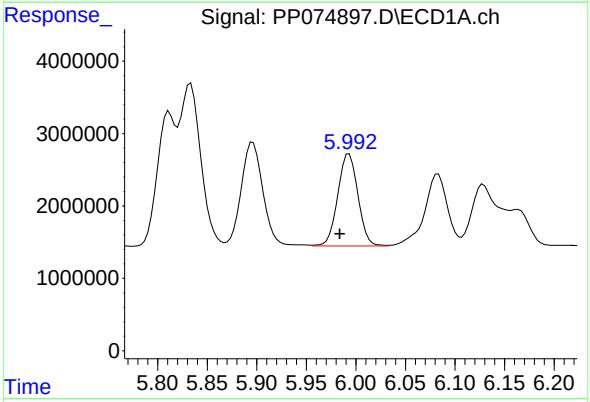
R.T.: 5.896 min
Delta R.T.: 0.009 min
Response: 21895708
Conc: 487.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



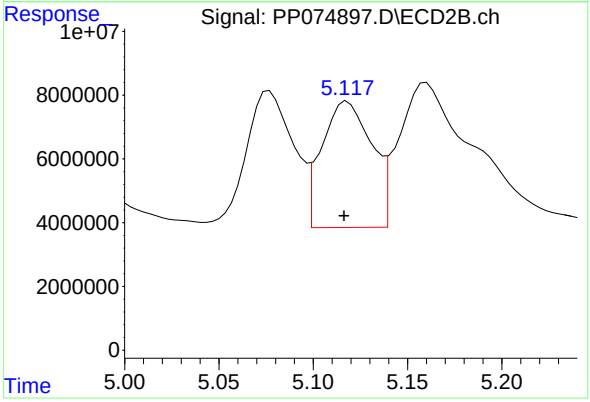
#5 AR-1016-3

R.T.: 5.077 min
Delta R.T.: 0.002 min
Response: 75776806
Conc: 549.49 ng/ml



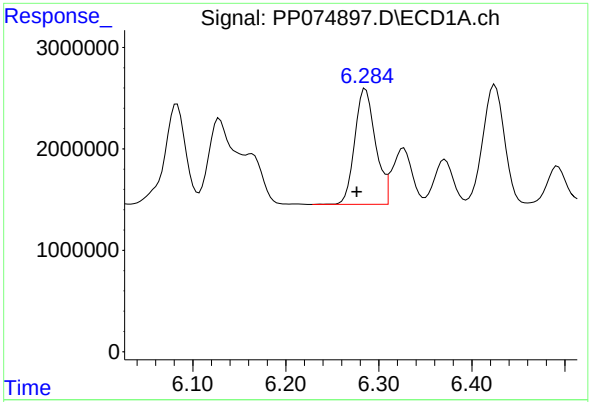
#6 AR-1016-4

R.T.: 5.993 min
Delta R.T.: 0.010 min
Response: 18028378
Conc: 512.43 ng/ml



#6 AR-1016-4

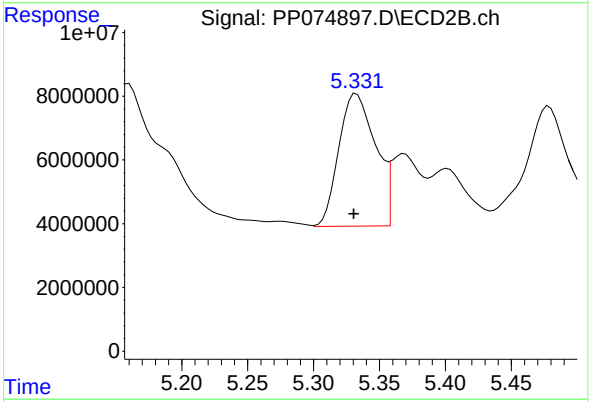
R.T.: 5.118 min
Delta R.T.: 0.002 min
Response: 73082369
Conc: 522.75 ng/ml



#7 AR-1016-5

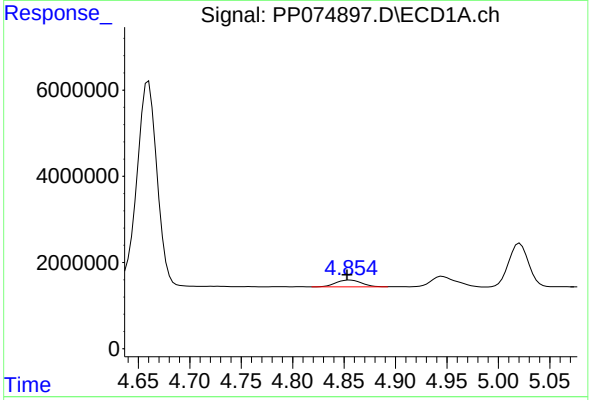
R.T.: 6.286 min
Delta R.T.: 0.009 min
Response: 17693996
Conc: 533.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



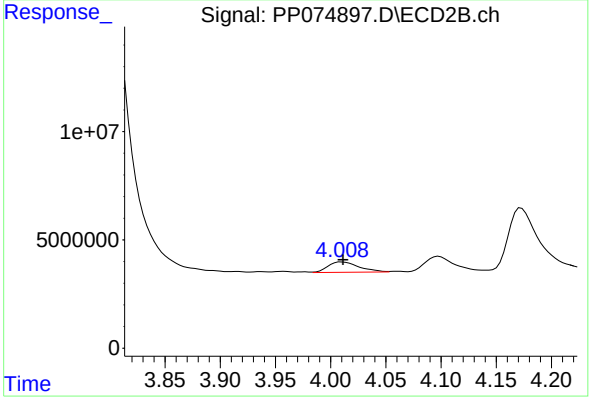
#7 AR-1016-5

R.T.: 5.333 min
Delta R.T.: 0.002 min
Response: 80605493
Conc: 485.33 ng/ml



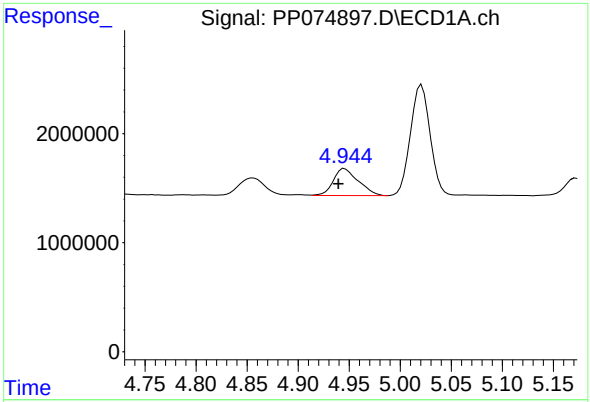
#8 AR-1221-1

R.T.: 4.856 min
Delta R.T.: 0.003 min
Response: 2776149
Conc: 157.80 ng/ml



#8 AR-1221-1

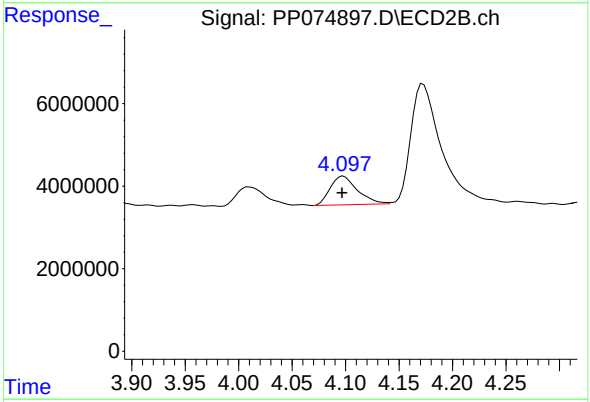
R.T.: 4.010 min
Delta R.T.: -0.002 min
Response: 9319533
Conc: 150.64 ng/ml



#9 AR-1221-2

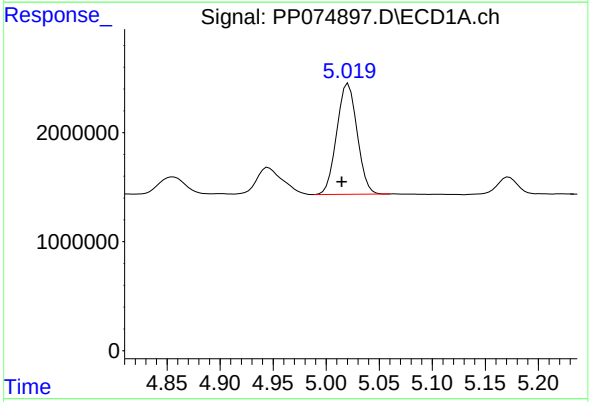
R.T.: 4.946 min
Delta R.T.: 0.006 min
Response: 4200523
Conc: 314.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



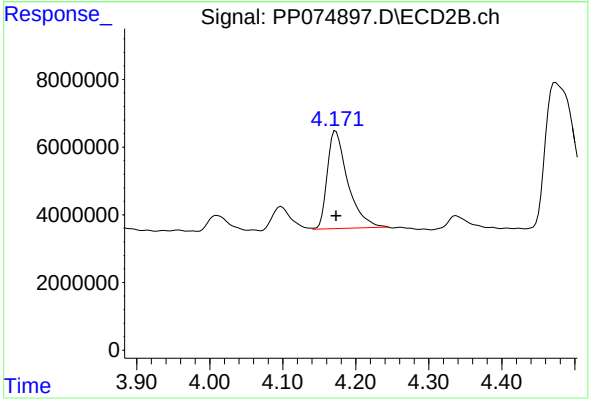
#9 AR-1221-2

R.T.: 4.098 min
Delta R.T.: 0.001 min
Response: 12320808
Conc: 272.51 ng/ml



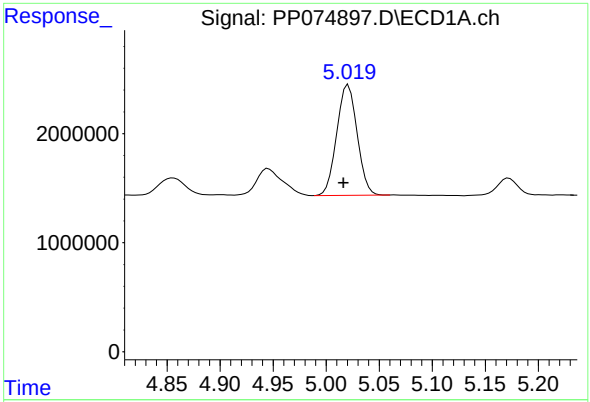
#10 AR-1221-3

R.T.: 5.021 min
Delta R.T.: 0.006 min
Response: 13570407
Conc: 357.94 ng/ml



#10 AR-1221-3

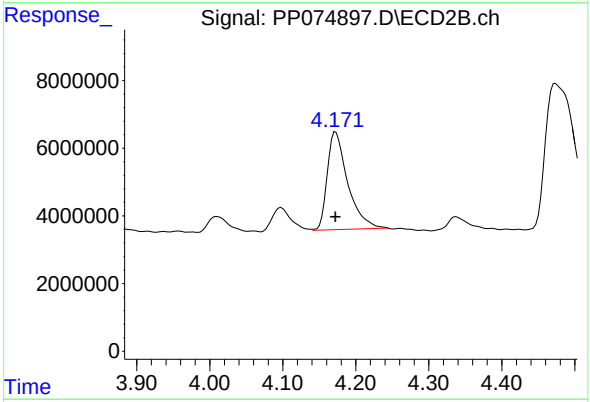
R.T.: 4.173 min
Delta R.T.: 0.000 min
Response: 56417180
Conc: 343.39 ng/ml



#11 AR-1232-1

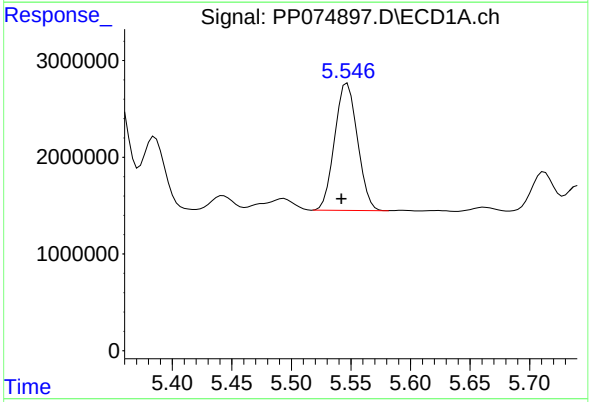
R.T.: 5.021 min
Delta R.T.: 0.005 min
Response: 13570407
Conc: 446.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



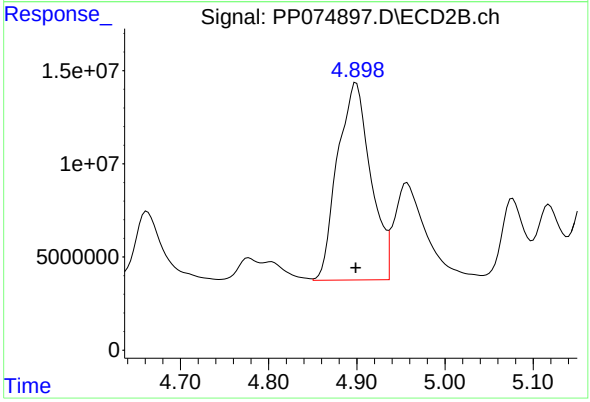
#11 AR-1232-1

R.T.: 4.173 min
Delta R.T.: 0.000 min
Response: 56417180
Conc: 440.43 ng/ml



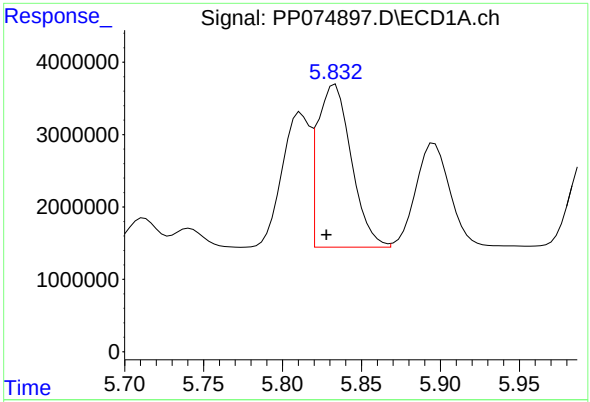
#12 AR-1232-2

R.T.: 5.547 min
Delta R.T.: 0.005 min
Response: 17561798
Conc: 1114.45 ng/ml



#12 AR-1232-2

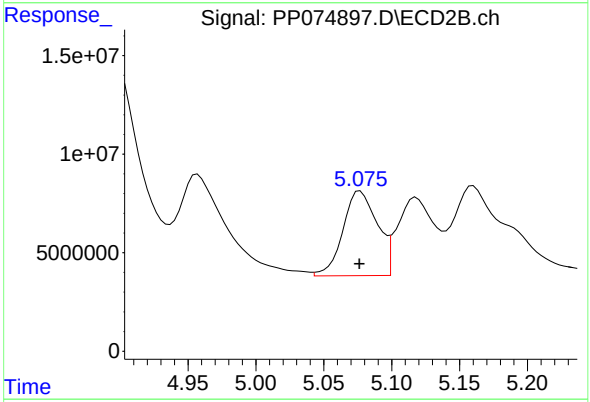
R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 276424229
Conc: 1192.55 ng/ml



#13 AR-1232-3

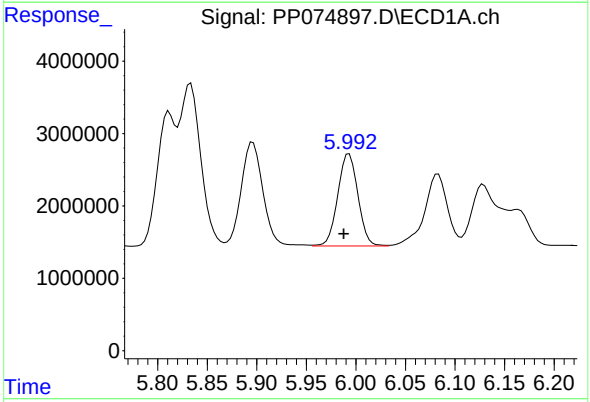
R.T.: 5.833 min
Delta R.T.: 0.005 min
Response: 33501123
Conc: 1096.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



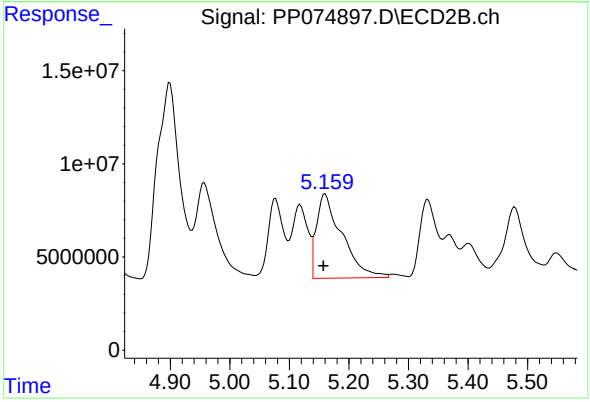
#13 AR-1232-3

R.T.: 5.077 min
Delta R.T.: 0.000 min
Response: 75776806
Conc: 1261.69 ng/ml



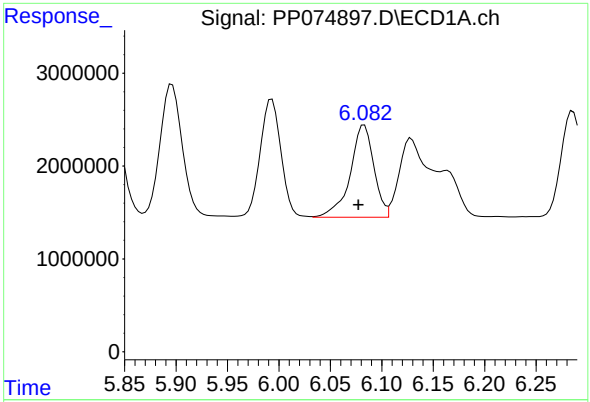
#14 AR-1232-4

R.T.: 5.993 min
Delta R.T.: 0.006 min
Response: 18028378
Conc: 1043.96 ng/ml



#14 AR-1232-4

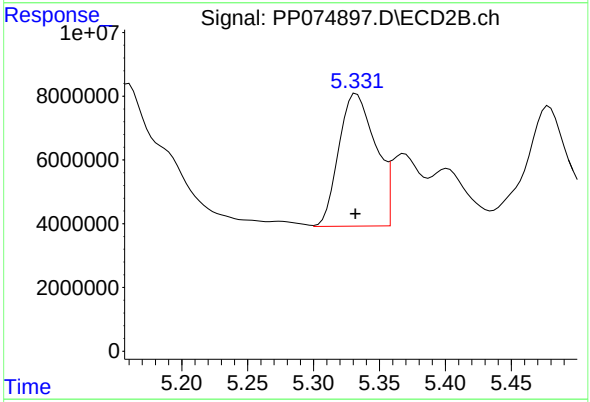
R.T.: 5.160 min
Delta R.T.: 0.003 min
Response: 135106595
Conc: 1833.01 ng/ml



#15 AR-1232-5

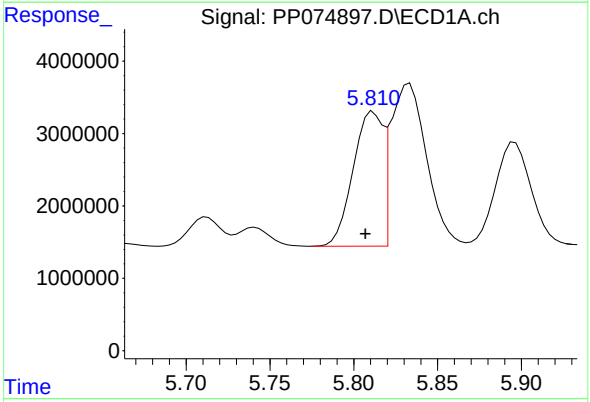
R.T.: 6.083 min
Delta R.T.: 0.006 min
Response: 15906744
Conc: 1225.39 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



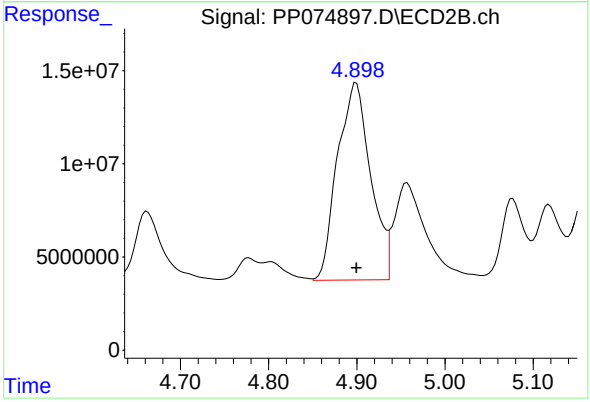
#15 AR-1232-5

R.T.: 5.333 min
Delta R.T.: 0.000 min
Response: 80605493
Conc: 1298.33 ng/ml



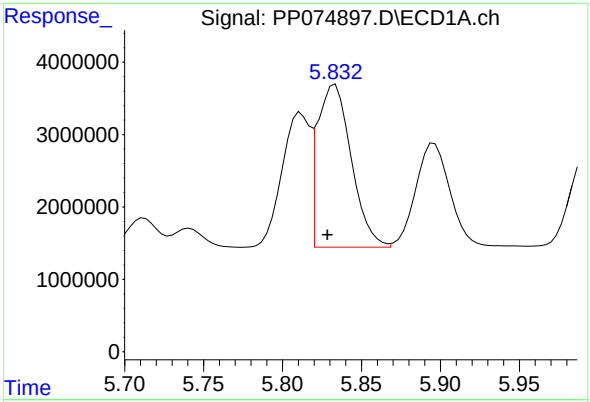
#16 AR-1242-1

R.T.: 5.812 min
Delta R.T.: 0.005 min
Response: 22879829
Conc: 597.77 ng/ml



#16 AR-1242-1

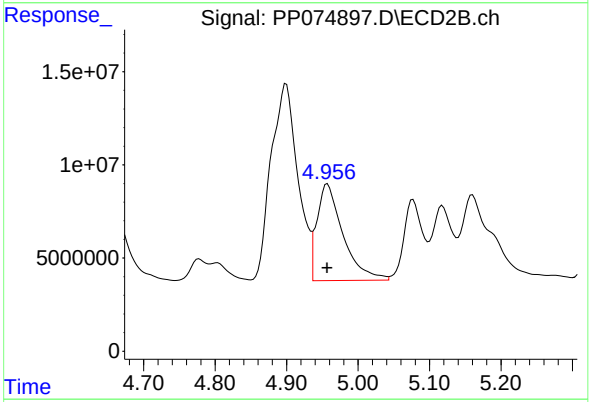
R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 276424229
Conc: 655.42 ng/ml



#17 AR-1242-2

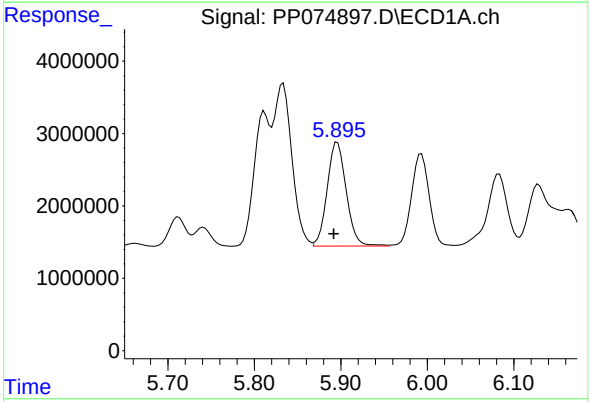
R.T.: 5.833 min
Delta R.T.: 0.005 min
Response: 33501123
Conc: 593.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



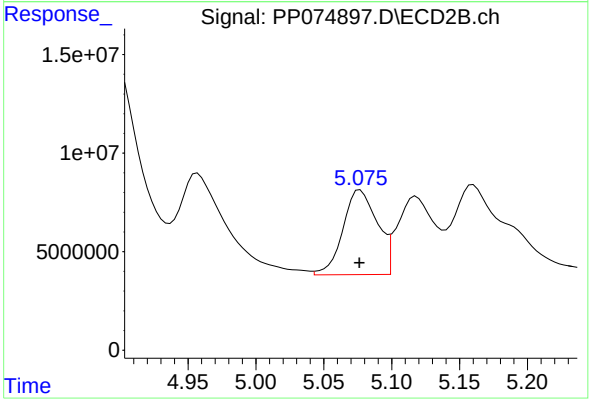
#17 AR-1242-2

R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 131150440
Conc: 654.83 ng/ml



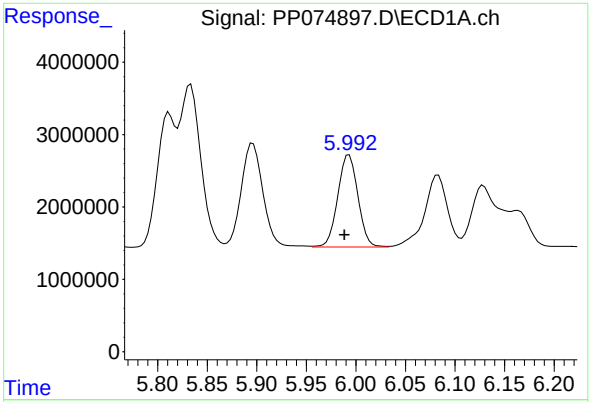
#18 AR-1242-3

R.T.: 5.896 min
Delta R.T.: 0.004 min
Response: 21895708
Conc: 539.26 ng/ml



#18 AR-1242-3

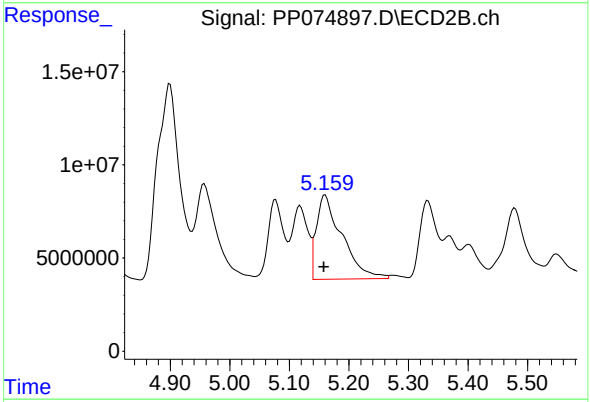
R.T.: 5.077 min
Delta R.T.: 0.000 min
Response: 75776806
Conc: 640.56 ng/ml



#19 AR-1242-4

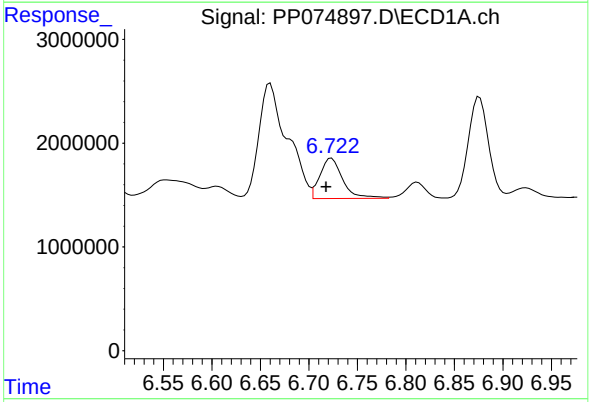
R.T.: 5.993 min
Delta R.T.: 0.005 min
Response: 18028378
Conc: 567.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



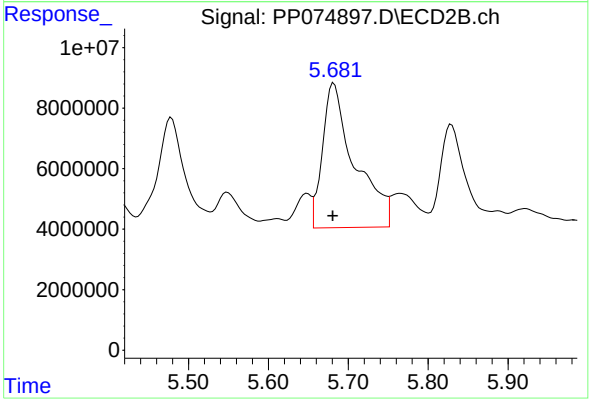
#19 AR-1242-4

R.T.: 5.160 min
Delta R.T.: 0.002 min
Response: 135106595
Conc: 789.36 ng/ml



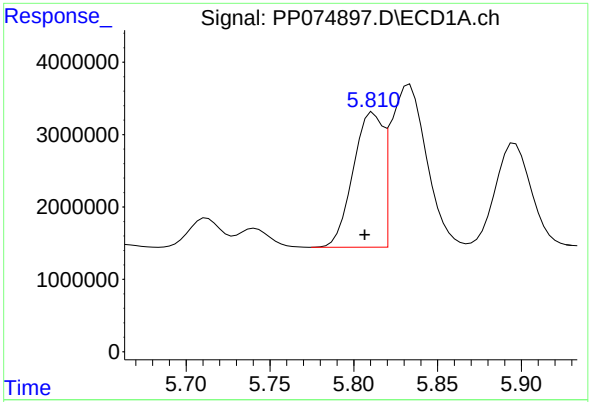
#20 AR-1242-5

R.T.: 6.723 min
Delta R.T.: 0.006 min
Response: 6356784
Conc: 176.23 ng/ml



#20 AR-1242-5

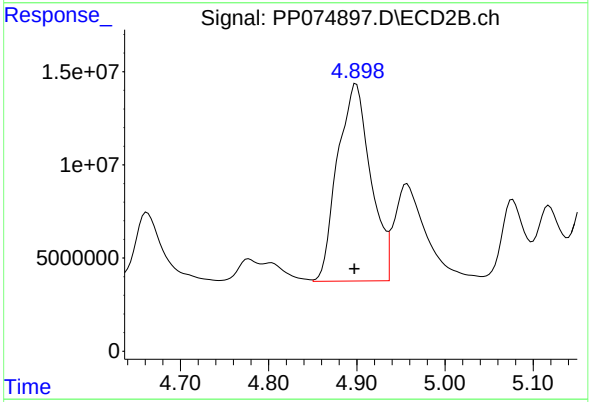
R.T.: 5.682 min
Delta R.T.: 0.001 min
Response: 133358837
Conc: 720.22 ng/ml



#21 AR-1248-1

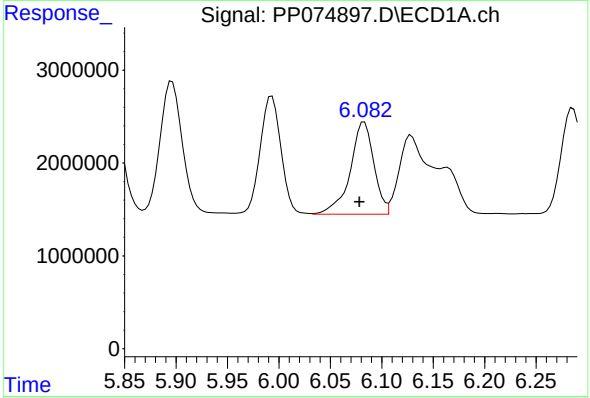
R.T.: 5.812 min
Delta R.T.: 0.005 min
Response: 22879829
Conc: 757.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



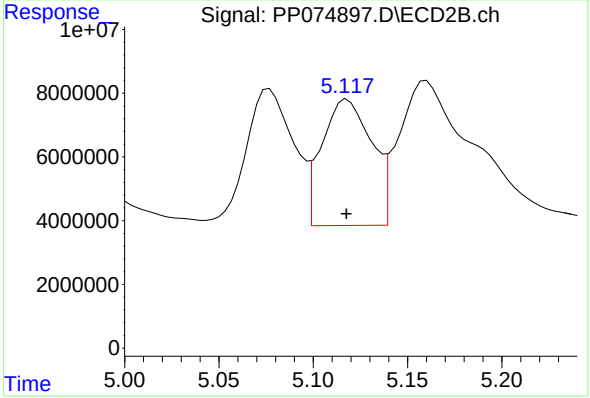
#21 AR-1248-1

R.T.: 4.899 min
Delta R.T.: 0.002 min
Response: 276424229
Conc: 1001.02 ng/ml



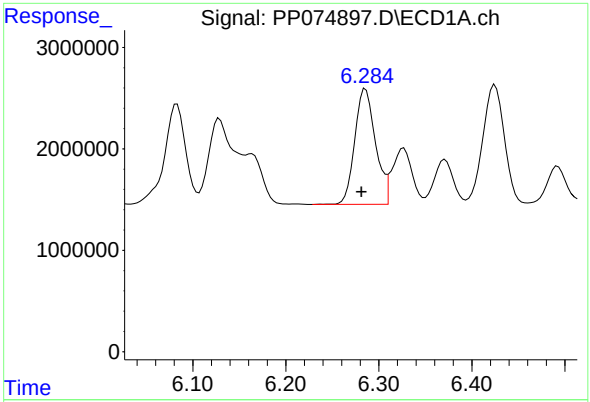
#22 AR-1248-2

R.T.: 6.083 min
Delta R.T.: 0.005 min
Response: 15906744
Conc: 369.10 ng/ml



#22 AR-1248-2

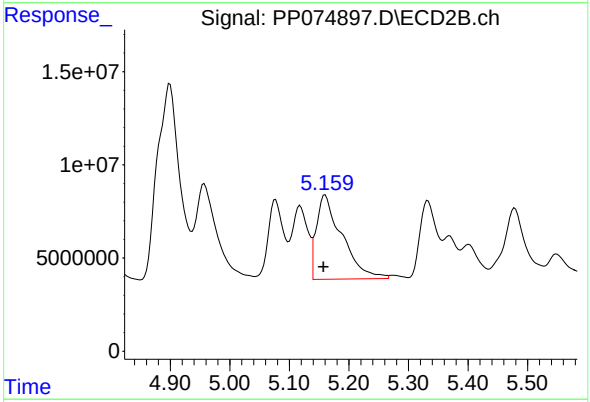
R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 73082369
Conc: 413.47 ng/ml



#23 AR-1248-3

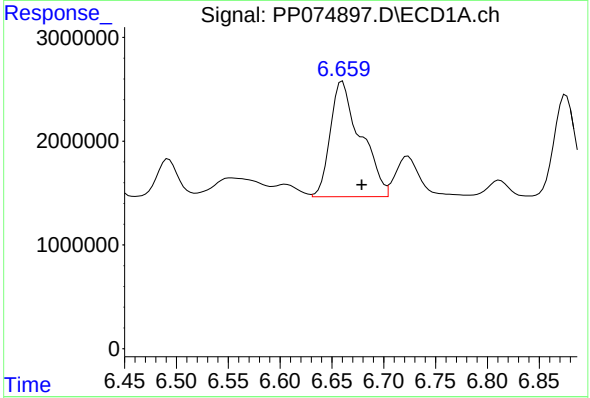
R.T.: 6.286 min
Delta R.T.: 0.005 min
Response: 17693996
Conc: 378.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



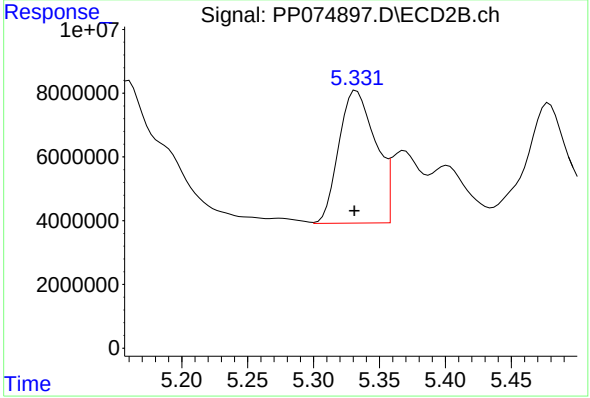
#23 AR-1248-3

R.T.: 5.160 min
Delta R.T.: 0.003 min
Response: 135106595
Conc: 594.65 ng/ml



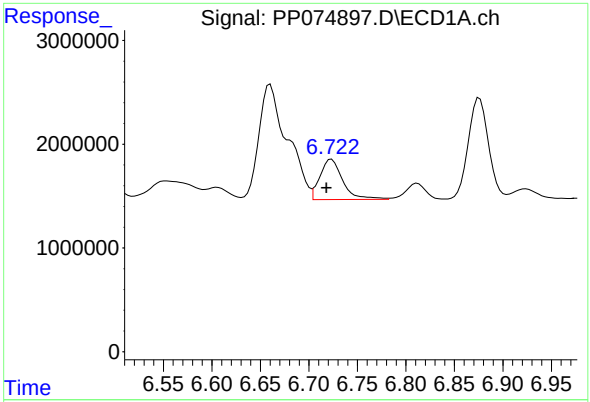
#24 AR-1248-4

R.T.: 6.660 min
Delta R.T.: -0.019 min
Response: 22692260
Conc: 412.58 ng/ml



#24 AR-1248-4

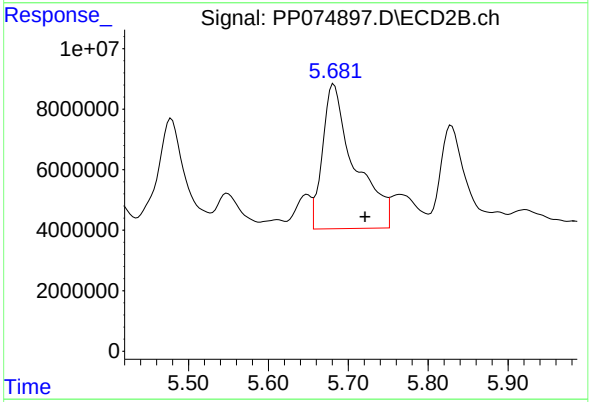
R.T.: 5.333 min
Delta R.T.: 0.002 min
Response: 80605493
Conc: 369.71 ng/ml



#25 AR-1248-5

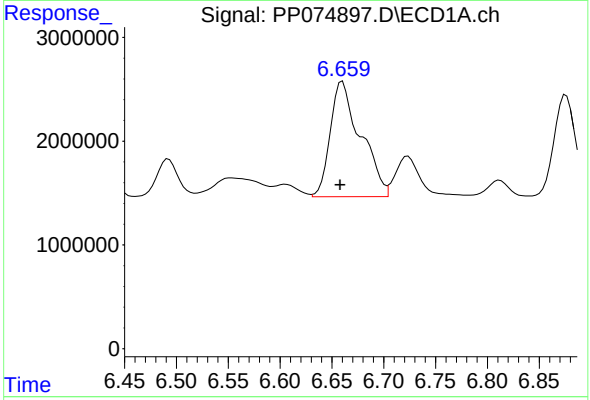
R.T.: 6.723 min
Delta R.T.: 0.005 min
Response: 6356784
Conc: 114.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



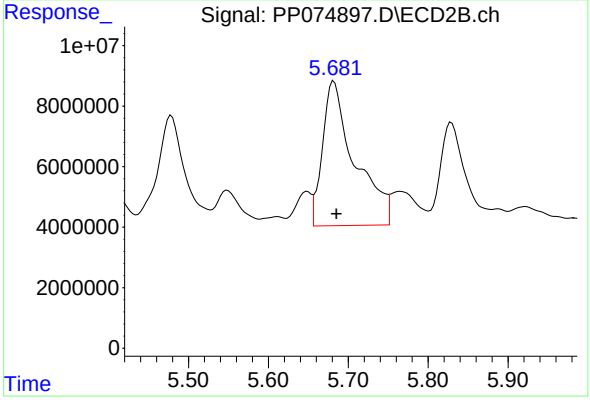
#25 AR-1248-5

R.T.: 5.682 min
Delta R.T.: -0.039 min
Response: 133358837
Conc: 363.06 ng/ml



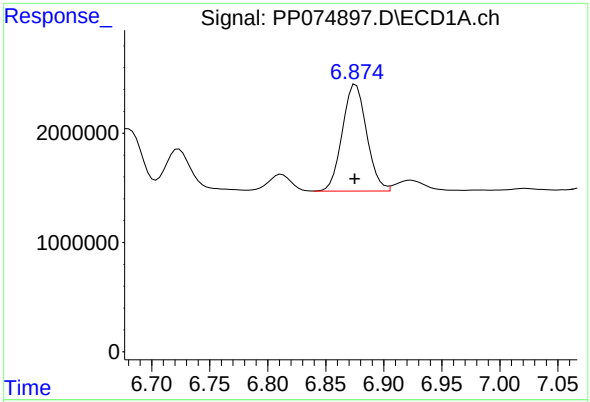
#26 AR-1254-1

R.T.: 6.660 min
Delta R.T.: 0.002 min
Response: 22692260
Conc: 389.44 ng/ml



#26 AR-1254-1

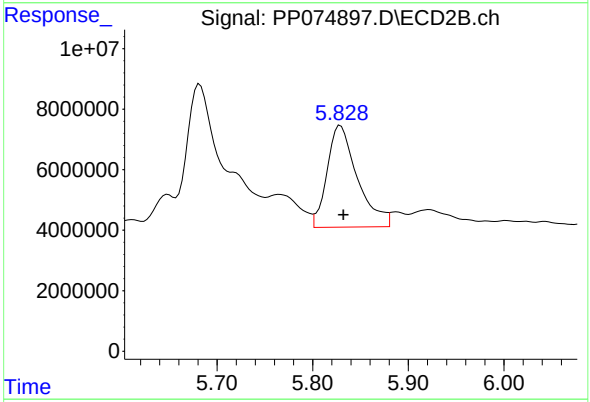
R.T.: 5.682 min
Delta R.T.: -0.003 min
Response: 133358837
Conc: 279.75 ng/ml



#27 AR-1254-2

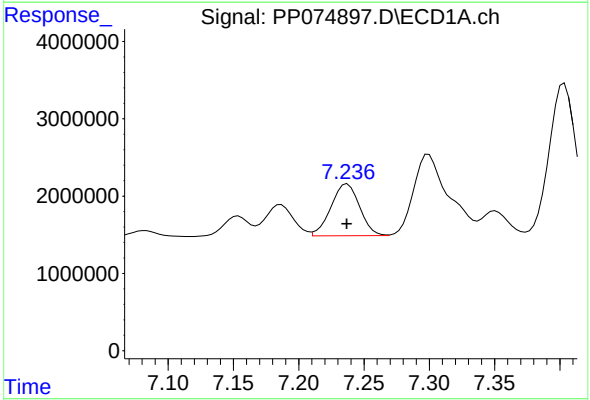
R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 14227288
Conc: 174.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



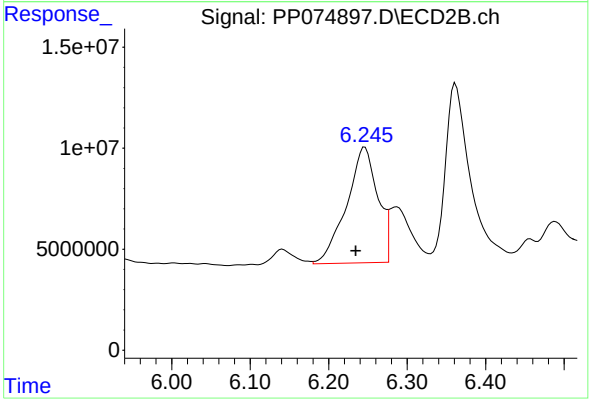
#27 AR-1254-2

R.T.: 5.829 min
Delta R.T.: -0.003 min
Response: 74045435
Conc: 210.28 ng/ml



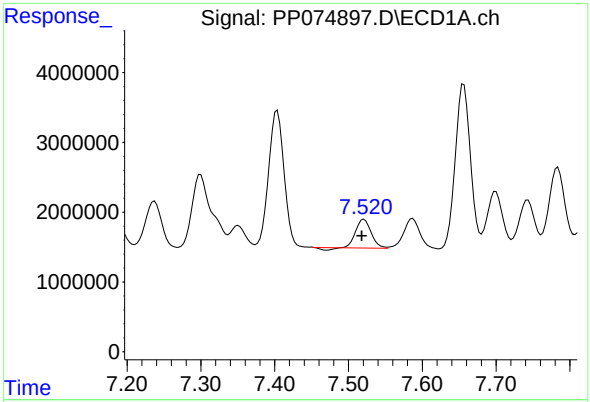
#28 AR-1254-3

R.T.: 7.237 min
Delta R.T.: 0.000 min
Response: 10257639
Conc: 114.99 ng/ml



#28 AR-1254-3

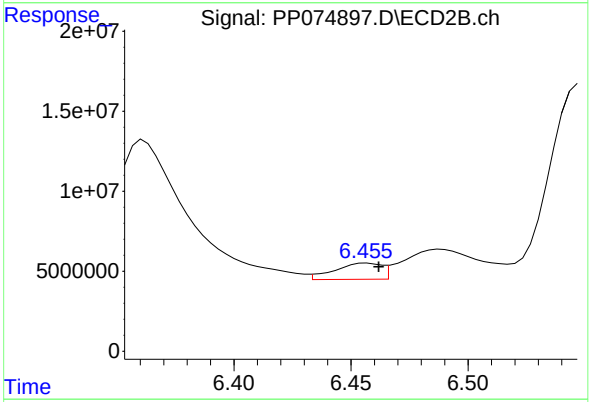
R.T.: 6.246 min
Delta R.T.: 0.012 min
Response: 157722715
Conc: 254.47 ng/ml



#29 AR-1254-4

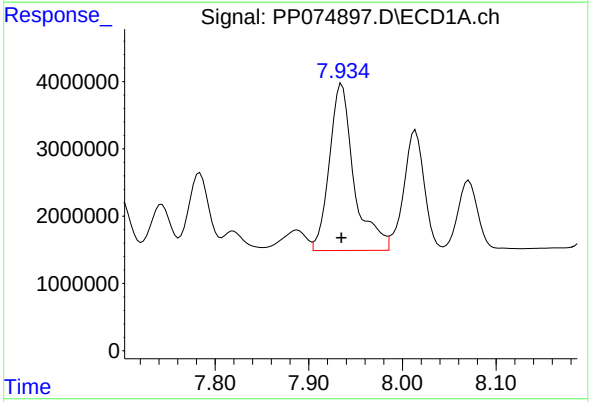
R.T.: 7.521 min
Delta R.T.: 0.003 min
Response: 5737800
Conc: 87.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



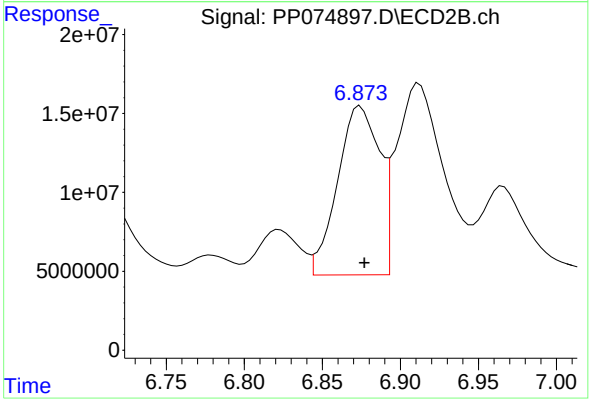
#29 AR-1254-4

R.T.: 6.457 min
Delta R.T.: -0.005 min
Response: 14071457
Conc: 30.03 ng/ml



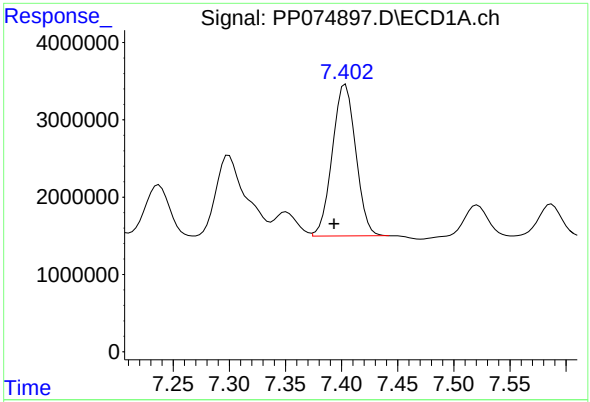
#30 AR-1254-5

R.T.: 7.935 min
Delta R.T.: 0.000 min
Response: 45380978
Conc: 546.20 ng/ml



#30 AR-1254-5

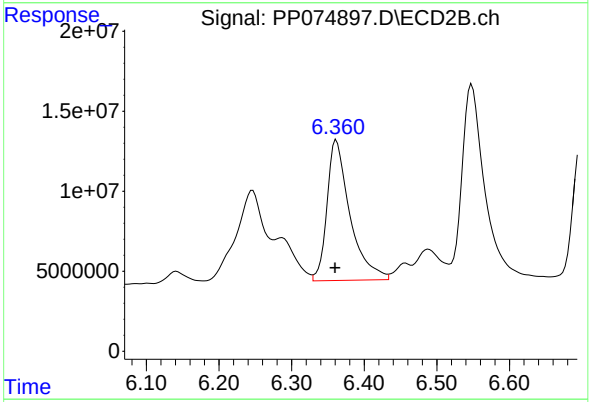
R.T.: 6.874 min
Delta R.T.: -0.003 min
Response: 200336476
Conc: 408.43 ng/ml



#31 AR-1260-1

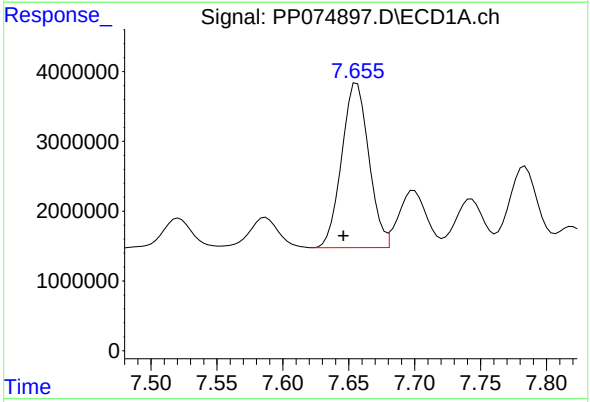
R.T.: 7.404 min
Delta R.T.: 0.010 min
Response: 28517929
Conc: 493.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



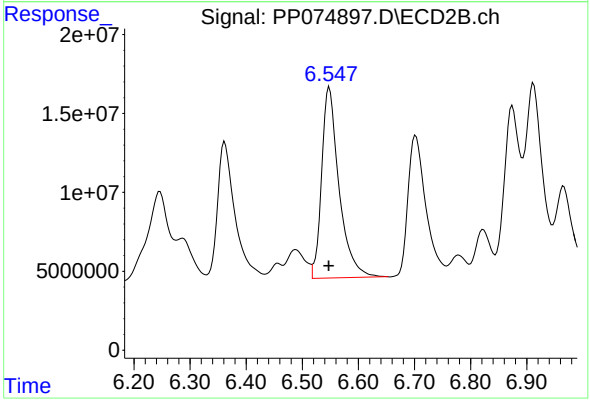
#31 AR-1260-1

R.T.: 6.362 min
Delta R.T.: 0.002 min
Response: 193110389
Conc: 514.65 ng/ml



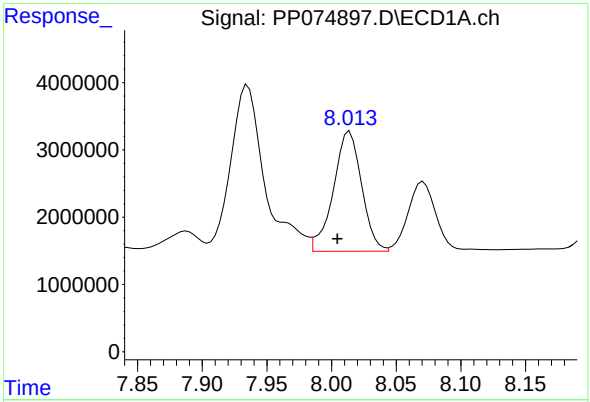
#32 AR-1260-2

R.T.: 7.656 min
Delta R.T.: 0.010 min
Response: 33744063
Conc: 489.63 ng/ml



#32 AR-1260-2

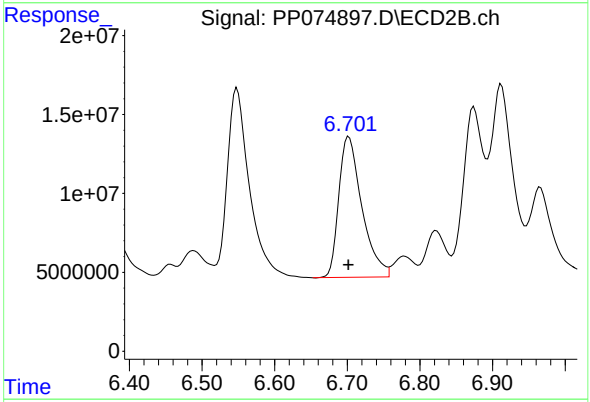
R.T.: 6.548 min
Delta R.T.: 0.001 min
Response: 261414250
Conc: 494.34 ng/ml



#33 AR-1260-3

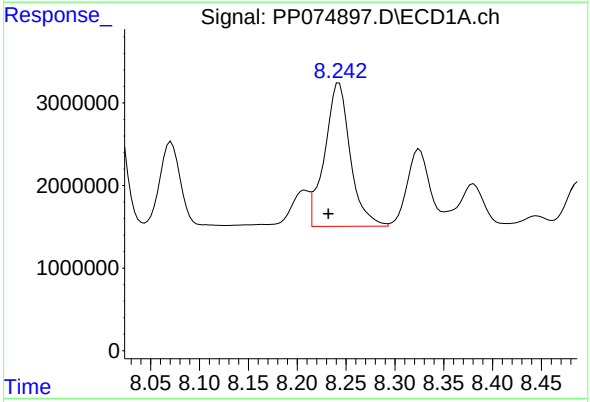
R.T.: 8.014 min
Delta R.T.: 0.010 min
Response: 27076327
Conc: 521.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



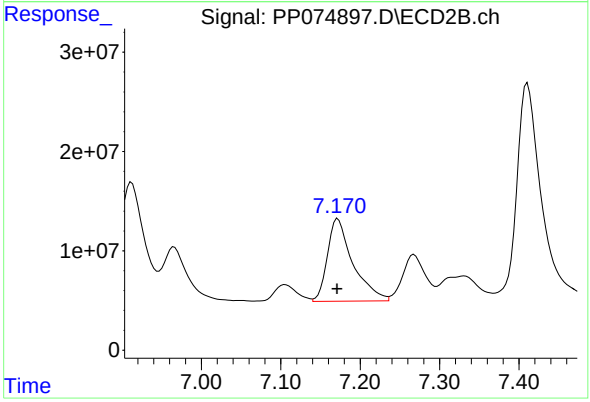
#33 AR-1260-3

R.T.: 6.702 min
Delta R.T.: 0.000 min
Response: 197440582
Conc: 455.98 ng/ml



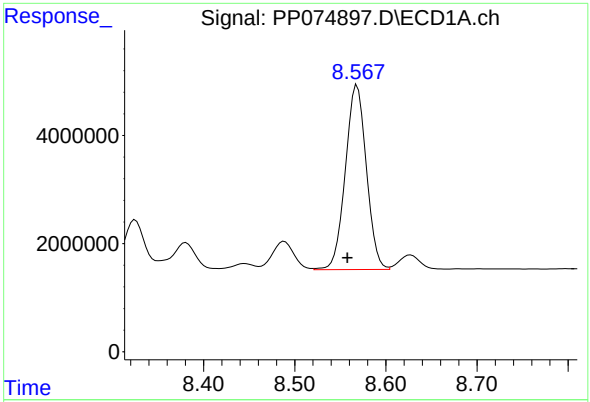
#34 AR-1260-4

R.T.: 8.243 min
Delta R.T.: 0.011 min
Response: 31715809
Conc: 497.17 ng/ml



#34 AR-1260-4

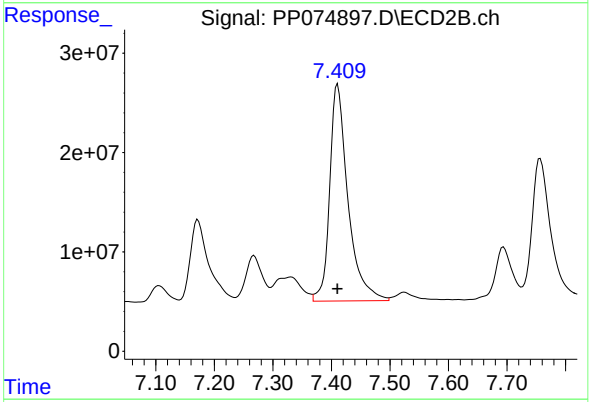
R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 185218075
Conc: 485.53 ng/ml



#35 AR-1260-5

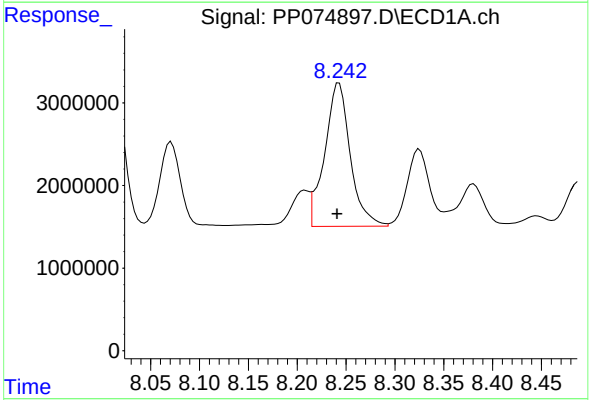
R.T.: 8.569 min
Delta R.T.: 0.011 min
Response: 54674681
Conc: 482.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



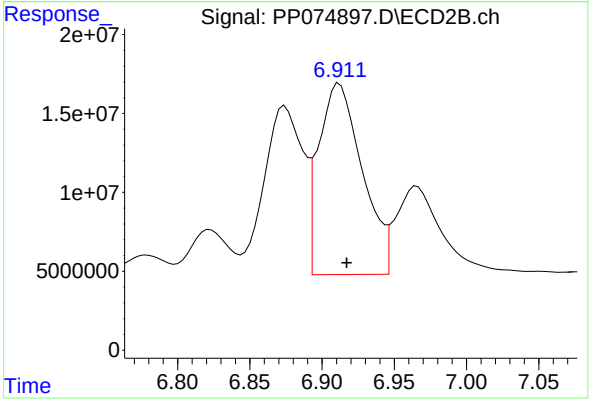
#35 AR-1260-5

R.T.: 7.411 min
Delta R.T.: 0.000 min
Response: 473828410
Conc: 471.71 ng/ml



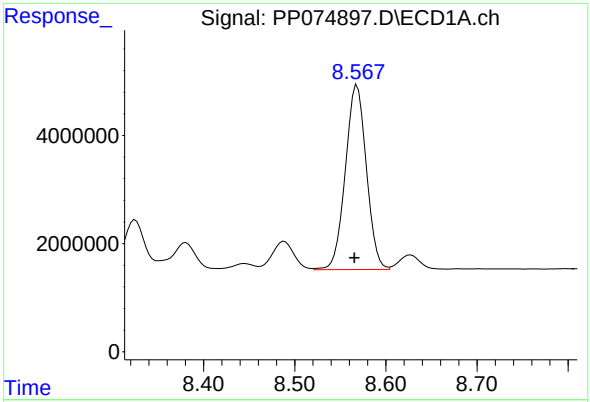
#36 AR-1262-1

R.T.: 8.243 min
Delta R.T.: 0.002 min
Response: 31715809
Conc: 411.81 ng/ml



#36 AR-1262-1

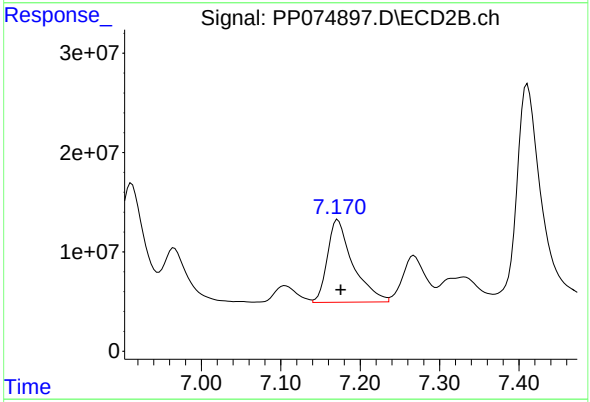
R.T.: 6.912 min
Delta R.T.: -0.005 min
Response: 254872230
Conc: 360.37 ng/ml



#37 AR-1262-2

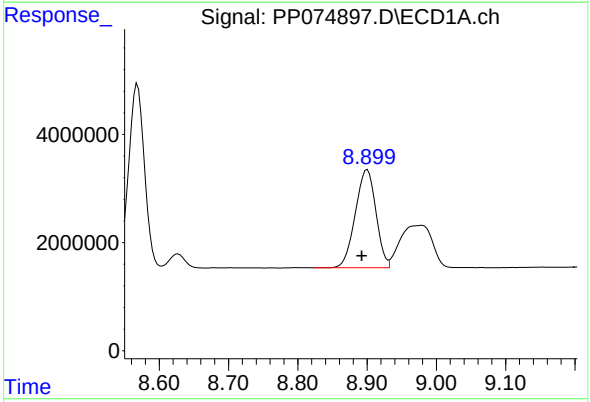
R.T.: 8.569 min
Delta R.T.: 0.003 min
Response: 54674681
Conc: 413.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



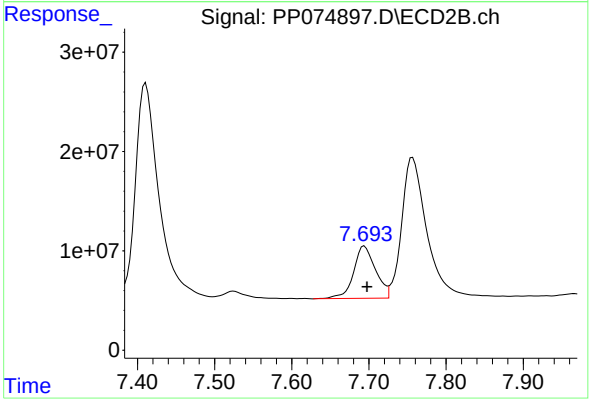
#37 AR-1262-2

R.T.: 7.172 min
Delta R.T.: -0.004 min
Response: 185218075
Conc: 355.70 ng/ml



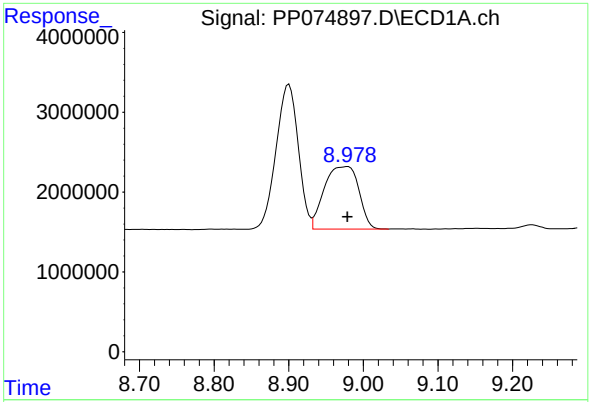
#38 AR-1262-3

R.T.: 8.900 min
Delta R.T.: 0.008 min
Response: 37472467
Conc: 385.47 ng/ml



#38 AR-1262-3

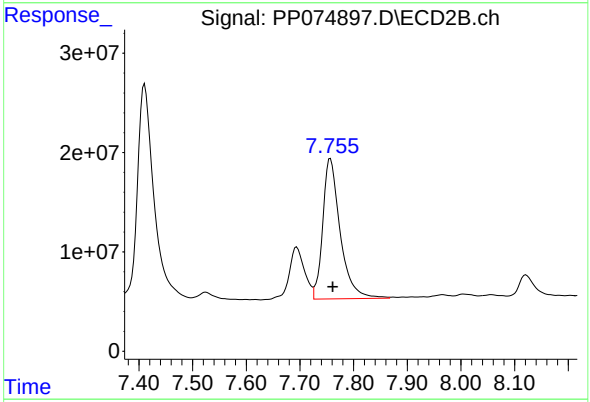
R.T.: 7.694 min
Delta R.T.: -0.003 min
Response: 104413772
Conc: 223.92 ng/ml



#39 AR-1262-4

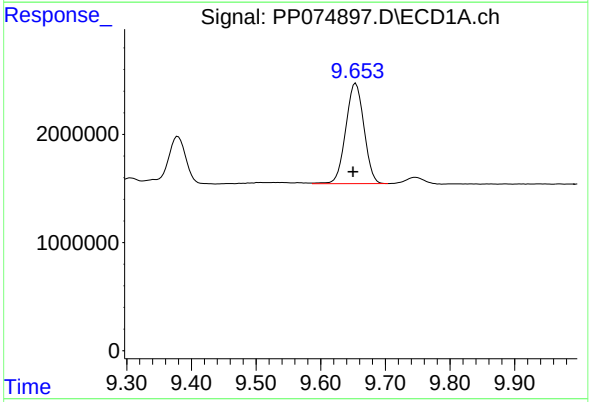
R.T.: 8.979 min
Delta R.T.: 0.000 min
Response: 25127547
Conc: 333.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



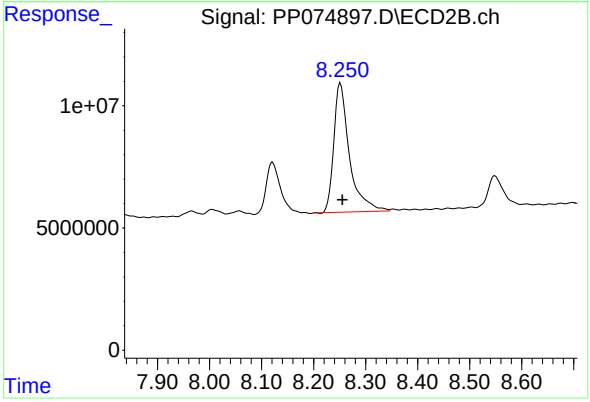
#39 AR-1262-4

R.T.: 7.757 min
Delta R.T.: -0.005 min
Response: 319096088
Conc: 388.26 ng/ml



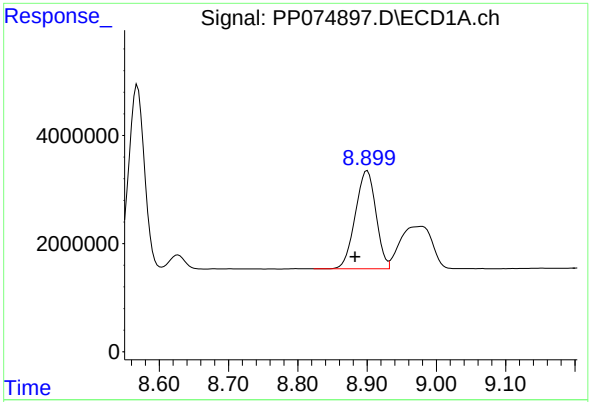
#40 AR-1262-5

R.T.: 9.654 min
Delta R.T.: 0.004 min
Response: 18217082
Conc: 298.86 ng/ml



#40 AR-1262-5

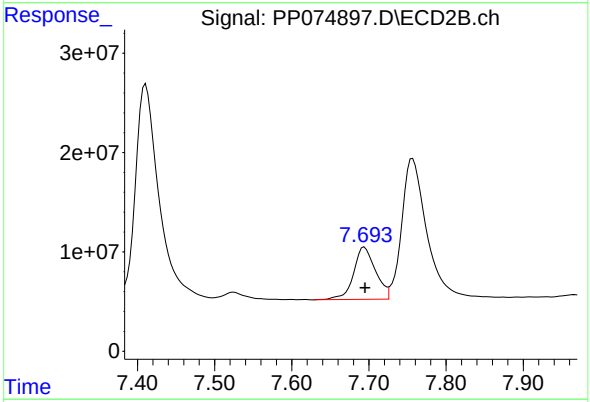
R.T.: 8.252 min
Delta R.T.: -0.004 min
Response: 110416931
Conc: 308.16 ng/ml



#41 AR-1268-1

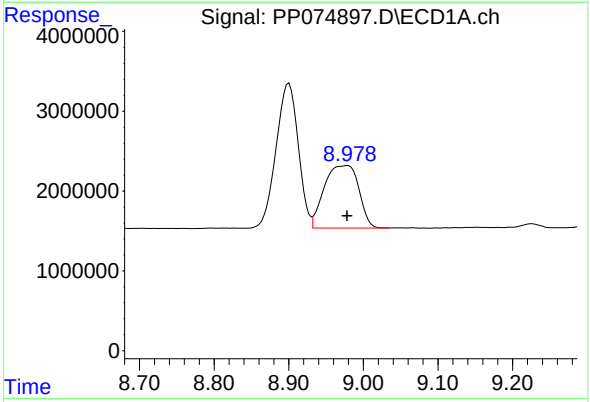
R.T.: 8.900 min
Delta R.T.: 0.017 min
Response: 37472467
Conc: 231.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



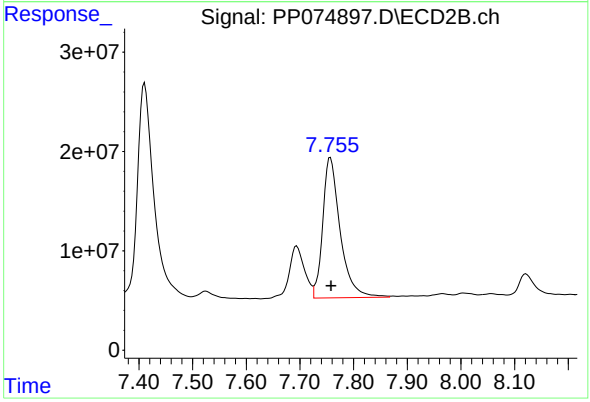
#41 AR-1268-1

R.T.: 7.694 min
Delta R.T.: 0.000 min
Response: 104413772
Conc: 74.03 ng/ml



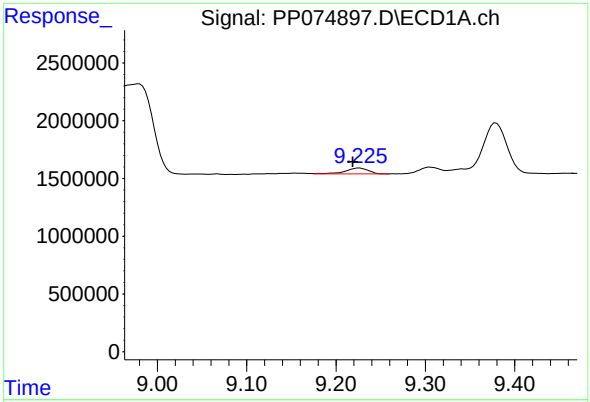
#42 AR-1268-2

R.T.: 8.979 min
Delta R.T.: 0.000 min
Response: 25127547
Conc: 171.24 ng/ml



#42 AR-1268-2

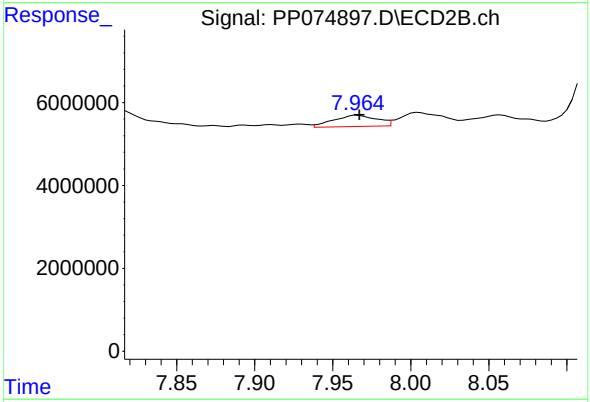
R.T.: 7.757 min
Delta R.T.: -0.001 min
Response: 319096088
Conc: 234.04 ng/ml



#43 AR-1268-3

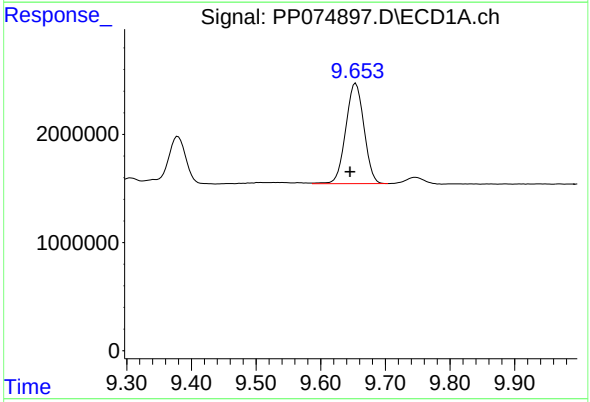
R.T.: 9.226 min
Delta R.T.: 0.007 min
Response: 898089
Conc: 7.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



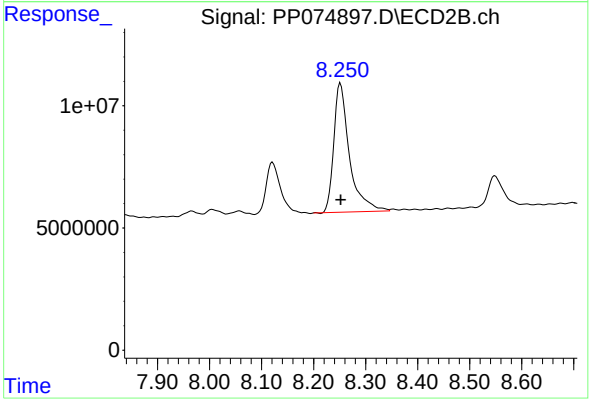
#43 AR-1268-3

R.T.: 7.966 min
Delta R.T.: -0.001 min
Response: 5237194
Conc: 5.02 ng/ml



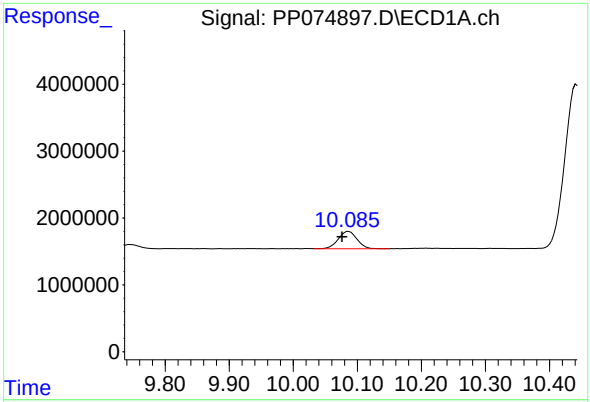
#44 AR-1268-4

R.T.: 9.654 min
Delta R.T.: 0.009 min
Response: 18217082
Conc: 270.83 ng/ml



#44 AR-1268-4

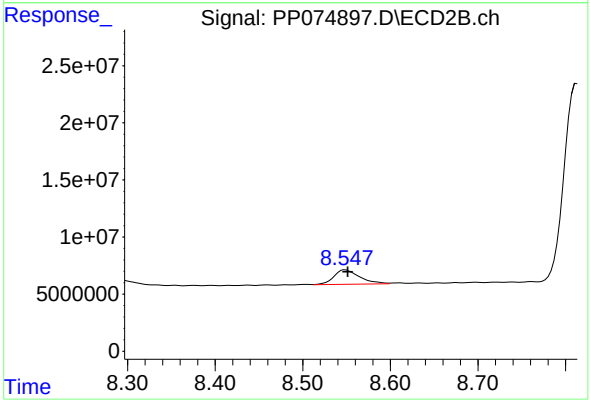
R.T.: 8.252 min
Delta R.T.: 0.000 min
Response: 110416931
Conc: 288.22 ng/ml



#45 AR-1268-5

R.T.: 10.086 min
Delta R.T.: 0.010 min
Response: 5275900
Conc: 14.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.549 min
Delta R.T.: -0.003 min
Response: 26097928
Conc: 8.32 ng/ml